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Characterization of Gonadal Transcriptomes from the Turbot (*Scophthalmus maximus*)

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Abstract

The mechanisms underlying sexual reproduction and sex ratio determination remains unclear in turbot, a flatfish of great commercial value. And there is limited information in the turbot database regarding genes related to the reproductive system. Here, we conducted high-throughput transcriptome profiling of turbot gonad tissues to better understand their reproductive functions and to supply essential gene sequence information for marker-assisted selection programs in the turbot industry. In this study, two gonad libraries representing sex differences in *S.maximus* yielded 453,818 high-quality reads that were assembled into 24,611 contigs and 33,713 singletons by using 454 pyrosequencing, 13,936 CS (contigs and singletons) of which were annotated using BLASTx. GO (Gene ontology) and KEGG (Kyoto Encyclopedia of Genes and Genomes) pathway analyses, revealed that various biological functions and processes were associated with many of the annotated CS (contigs and singletons). Expression analyses showed that 510 genes were differentially expressed in males versus females; 80% of these genes were annotated. In addition, 6,484 and 6,036 single nucleotide polymorphisms (SNPs) were identified in males and females libraries, respectively. This transcriptome resource will serve as the foundation for cDNA or SNP microarray construction, gene expression characterization, and sex-specific linkage mapping in turbot.

Key words: Turbot; Transcriptome; sex; SNP

Introduction

The turbot (*Scophthalmus maximus*), also known as *Psetta maxima*, is an important economic flatfish species belonging to the family Scophthalmidae (order Pleuronectiformes). It is a marine flatfish species naturally distributed all along the European coasts, from Norway to Morocco in the Atlantic area, and across the northern coasts of the Mediterranean up to the Black Sea (Blanquer et al. 1992). Following, it was introduced to China as well for farming purposes in 1992 (Lei 2003). In 2012, turbot aquaculture production was 12,676 tons in Europe, while 64,000 tons in China, which represents a world leader in adult turbot production (FAO 2014).

During intensive farming, turbot females can exhibit over two-fold increase in their growth rate as compared to males (Husebye et al. 1994). This is among the highest sex-related differential growth rates in cultured marine fish (Piferrer et al. 1995). The difference in the growth rate could be observed as early as 8 months after hatching (Imsland et al. 1997), and it is maintained throughout the production cycle, even following sexual maturation (Piferrer et al. 2004). Under culture conditions, the males also mature earlier than females, which can reduce somatic growth and increase susceptibility to diseases and mortality (Imsland et al. 1997; Piferrer et al. 2003). Altogether, these factors result in loss of production during the grow-out phase and, therefore, all-female populations should be established to optimize turbot production.

The sex ratio depends on processes related to both genetic and environmental factors, which are directly related to the reproductive potential of the population (Penman et al. 2008). Flatfish have been reported to possess genetic systems ranging from polygenic to dominant sex-determining factors that are influenced by autosomal controls in male (XX/XY) or female heterogametic systems (ZZ/ZW) (Purdom 1972; Lincoln 1981; Tabata 1991; Howell et al. 1995; Aida and Arai 1998; Goto et al. 1999;

Tvedt et al. 2006). The most common mode of GSD is determined by the inherited combination of sex-determining genes or polygenic systems (Oldfield 2005). Recently, the number of identified expressed sequence tags (ESTs) has increased very rapidly in turbot, it remains insufficient when compared with some other teleost (e.g. 15,598 vs 301,380; Salmon, GenBank/NCBI). Although several sex-associated markers have been discovered (Casas et al. 2005) and some linkage maps constructed or enriched (Bouza et al. 2007; Bouza et al. 2008; Bouza et al. 2012; Martínez et al. 2008), the sex-determining gene remains not defined and precisely sex-associated linkage maps are not available. However, development of a database of genes sequences has led to the identification of the major sex-determining region (Martínez et al. 2009) and mapping of DNA sex-specific markers and genes related to sex differentiation in turbot (Viñas et al. 2012).

RNA sequencing (RNA-seq) was used for transcriptome profiling, allowing us to rapidly identify the vast majority of transcriptomes and new splicing variants in a cost-effective manner. The Genome Sequencer FLX (GS FLX) System, powered by 454 sequencing technology, was selected as the sequencing platform because this technology is more appropriate than other next-generation sequencing platforms (such as the Illumina Solexa and ABI SOLiD) for *de novo* transcriptome sequencing in non-model organisms (Vera et al. 2008; Meyer et al. 2009; O'Neil et al. 2010). In particular, many transcriptome profiles of some marine species have been successfully mapped by using 454 sequencing (Kawahara-Miki et al. 2011; Milan et al. 2011; Hou et al. 2011; Du et al. 2012; Pereiro et al. 2012).

Recent studies have reported large-scale transcriptome profiling of *S.maximus* using 454 sequencing to identify candidate genes involved in immunity and sex differentiation (Pereiro et al. 2012; Rabis et al. 2013). Although the data (more than

120,876 contigs and 237,580 singletons) obtained from those tissues (brain, hypophysis, gonad, gill, liver, spleen and head kidney) had found some genes involved in sex differentiation and maturation, more sequencing information is still needed to identify novel, key genes involved in gonad-specific or sex-associated genes. To supplement the genomic resources of the turbot, especially with respect to the sex transcriptome, we used a 454 pyrosequencing method to identify differentially expressed genes and potential genetic markers in gonad tissues. The data generated in this study will facilitate further research examining sex- and reproductive-related genes in the turbot, which will be useful for linkage map construction.

Materials and methods

Ethics Statement

The Institutional Animal Care and Use Committee (IACUC) of the Yellow Sea Fisheries Research Institute (YSFRI) approved this animal study. All of the fishes were sacrificed by an overdose of anesthesia to minimize suffering, and the experimental procedures were performed according to the institutional guidelines of the State Council of the People's Republic of China.

Turbot sampling

Gonad tissues from 12 male and 12 female turbot (aged 600 days) were collected for 454 sequencing. Artificial fertilization and maintenance of the larval cultures were performed by the Huanghai Aquatic Product Group Co., Ltd. (Haiyang, Shandong Province, China). Twenty juvenile fishes (aged 150 days) were provided by the Laboratory of Genetic Resources and Breeding for independent SNP validation at the Yellow Sea Fisheries Research Institute (Qingdao, Shandong Province, China). The analyzed turbot represented a mixture of unrelated families, and the number, age and

mean value of morphometric data (standard length, width and weight) for each animal group were as follows: adult males ($n=12$; 600 days post-hatch; 29.5 ± 1.6 cm, 24.0 ± 1.0 cm, 1398.7 ± 88.4 g); adult females ($n=12$; 600 days post-hatch; 30.7 ± 0.9 cm, 25.0 ± 0.6 cm, 1519.8 ± 165.7 g); juvenile males ($n=10$; 150 days post-hatch; 8.8 ± 1.1 cm, 6.7 ± 1.0 cm, 28.2 ± 11.0 g); juvenile females ($n=10$; 150 days post-hatch; 9.3 ± 0.6 cm, 7.3 ± 0.4 cm, 36.2 ± 7.8 g). Gonads were removed from all turbot individuals for 454 sequencing and sex identification, and pterygiophore tissues were removed from juvenile turbot for SNP validation. For sex identification, the tissues were stained with hematoxylin and eosin, embedded in paraffin and sliced into 6- μ m sections. Phenotypic sex identification was conducted by microscopic observation. All of the samples subjected to 454 sequencing and SNP validation were flash frozen in liquid nitrogen and stored at -80°C until RNA extraction.

Total RNA extraction, cDNA library construction and 454 GS-FLX sequencing

Total RNA was extracted and purified from each tissue using the RNA prep pure Tissue Kit (Tiangen Biotech (Beijing) Co., Ltd., China) according to the manufacturer's protocol. The quantity and quality of the total RNA was assessed using an UltrospecTM 2100 pro UV/Visible Spectrophotometer (Amersham Biosciences, Uppsala, Sweden) and by gel electrophoresis. The final concentration of RNA was adjusted to 1 mg/mL, and 18S and 28S ribosomal RNA bands were visualized by electrophoresis using denaturing agarose gel (1X) with MOPS buffer.

Full-length enriched cDNA was synthesized from 1.5 μ g of two pooled (male and female) total RNA samples, and two independent transcriptome sequencing libraries were constructed as described previously (Meyer et al. 2009; Hou et al. 2011). Approximately 5 μ g of normalized cDNA from each library was used to generate a

454 library, which was sequenced using the Roche Genome Sequencer FLX System (Roche, Basel, Switzerland). Male and female libraries were sequenced separately within 3/8 of a 454 sequencing run. All of the sequencing reads obtained in this high-throughput sequence analysis were deposited in the Short Read Archive (SRA) database (<http://www.ncbi.nlm.nih.gov/sra/>) under the accession number SRP021171.

Sequence assembly and functional annotation

Seq-clean software (<http://compbio.dfci.harvard.edu/tgi/software/>) was used to process all of the pyrosequencing data prior to assembly. Short sequences (<50 bp) and reads with contaminating vectors were discarded, and subsequently the adapters were trimmed. The pre-processed sequences were assembled using the CAP3 program, which has been used to compute overlaps among reads, construct multiple sequence alignments of reads, and to generate consensus sequences (Huang and Madan, 1999). To eliminate potential biases introduced by the RNA normalization process, only clean reads presenting a minimum length of 50 bp and a minimum sequence identity of 90% were assembled. Similar contigs from the same gene ($\geq 60\%$ of the sequence with $>95\%$ identity) were grouped into clusters using the BLAST Clust program (Altschul et al. 1997). Contigs or singletons <100 bp were removed, and then 58,324 CS (contigs and singletons) were selected from the two libraries for the annotation step.

For the gene annotation of *S. maximus*, all consensus contigs or singletons from each cluster were compared to the Swissprot/Metazoan Refseq/nr and uniprot/TrEMBLstats databases using BLASTx with an E-value threshold of $1e^{-5}$. Blast2GO software was used for the GO analysis (levels 2 and 3), and query sequences were assigned to the following GO terms: biological processes, molecular

functions and cellular components (Götz et al. 2008). KEGG analysis was performed by submitting the data to the online KEGG Automatic Annotation Server (KAAS) to obtain an overview of the gene pathways networks (<http://www.genome.jp/kegg/kaas/>).

Transcriptome comparison between male and female libraries

To detect genes that might be involved in gonad differentiation, the relative expression of each unigene (calculated based on the total number of reads from the male or the female library) was compared between the libraries. The longest contig fragments or singletons were selected as the reference inputs for each realignment analysis (i.e., the unigene reference). BLASTN was used to align the reads from both libraries to the reference unigene set. After the raw reads were mapped to the reference unigene set the program IDEG6 (<http://telethon.bio.unipd.it/bioinfo/IDEG6>) selecting the Fisher's exact test option (Romualdi et al. 2003) was used to detect significant differences in differential expression between the sexes. To account for multiple testing, the false discovery rate (FDR) was calculated using the QVALUE program (Storey, 2002). In our study, to ensure consistent results, a strict algorithm was used to identify these genes: a gene expression level with a false discovery rate (FDR) ≤ 0.01 and a P -value (Fisher's exact test) ≤ 0.05 was selected to compare the two samples.

SNP detection

Potential SNPs, including insertion and deletion mutations, were identified using ssaha SNP software (Ning et al. 2005). SNP identification was limited to a minor allele frequency $>10\%$.

SNP validation

Fifty predicted SNPs were selected for low-flux experimental validation.

Pterygiophore tissue samples from 20 juvenile turbot were collected for SNP validation. Genomic DNA was extracted from pterygiophore tissues using the TIANamp marine animals DNA Kit (Tiangen Biotech Co. Ltd., Beijing, China). A matrix-assisted laser desorption/ionization-time of flight mass spectrometry (Sequenom Mass ARRAY, Bioyong Technologies Inc., Hong Kong) assay was used for individual genotyping.

Results and discussion

Sequencing and assembly

To maximize sex differences in transcript representation, male and female gonad cDNA libraries were constructed using 454 sequencing with 12 males and 12 females, respectively; all 24 samples were pooled for SNP or SSR identification. After a 3/8 single-run of 454 sequencing, 453,818 raw reads with an average length of 283 bases were obtained. The size distribution of raw reads from the two cDNA libraries is shown in Figure S1. Reads obtained in this high throughput sequence analysis have been submitted to the NCBI Sequence Read Archive. All of the reads were assembled into 24,611 contigs and 33,713 singletons, with an average contig length of 476bp. The statistical methods used for reads assembled, using Roche 454-pyrosequencing, are summarized in Table 1. The assembled contigs and singleton sequences are shown in dataset S1. Singletons with a length of >100bp were selected for further analysis. Of 58,324 CS (singletons and contigs), 13,936(23.89%) had a significant BLASTx result with proteins present in the Swissprot/Metazoan Refseq/nr and uniprot/TrEMBLstats databases, with >30% protein similarity and an E-value <1e⁻⁵.

Compared with the 454 sequencing data reported by Pereiro et al. (Pereiro et al. 2012), we found fewer high-quality reads and singletons. However, the tissues used in

the current study differed from those used by Pereiro et al. In a recent report, a large-scale transcriptome profiling of gonad tissues was described (Ribas et al. 2013). Many reads from gonad tissues were supplied to the turbot transcriptome database; however, the gonad tissues were pooled with brain and hypophysis. Thus, some novel genes and sex-specific markers of the gonad may have been overlooked. Prior to the use of next-generation sequencing (NGS) technologies, there were only 15,598 ESTs and approximately 56,223 nucleotide sequences available for *S. maximus* in the NCBI GenBank database. An EST database constructed using cDNA libraries from turbot immune tissues of the turbot was previously enriched using strategies based on Sanger sequencing. A total of 1,073 contigs and 2,409 singletons were partially sequenced from three different cDNA libraries containing liver, spleen and head kidney tissues: turbot infected with *Aeromonas salmonicida*, *Philasterides dicentrarchi* and healthy fish (Pardo et al. 2008). The liver, kidney and gill libraries of nodavirus infected turbot provided 3,173 high-quality sequences and 768 unique genes (Park et al. 2009). Forty-nine ESTs were obtained from the kidney and spleen of turbot that were artificially infected with *Vibrio harveyi* (Wang et al. 2008). Many of the contigs identified in the present investigation may be used for further genomic and transcriptome studies in the turbot.

Gene annotation analysis

The Gene Ontology (GO) project is a major bioinformatics initiative that is commonly used to standardize the representation of genes and to categorize gene products across species and databases. To mitigate redundancy and avoid the inclusion of contigs from the same cluster with the same annotation, the longest contig from each cluster was submitted to the Blast2 GO suite for classification into three functional groups (Cellular Component, Biological Process or Molecular

Function) based on GO terminology (Conesa et al. 2005). In total, 7,710 (22.87%) and 6,226 (25.30%) CS (contigs and singletons) from males and females, respectively, were assigned to a GO category. The distribution of contigs in different GO categories (level 3) is shown in Figure 1. The Biological Process group comprised contigs involved in cellular metabolic processes (males, 17.48%; females, 14.08%), primary metabolic processes (males, 16.33%; females, 14.62%) and macromolecular metabolic processes (males, 15.14%; females, 13.46%), suggesting that there was a higher degree of metabolic activity in the males' sampled tissues. Some proteins related to reproduction in males were much higher than females, included three categories, regulation of biological processes, metabolic processes related to nitrogen compounds, and organization of cellular components. The results revealed similar representations between males and females in the following categories: cell part, intracellular, intracellular part and organelles. Finally, in the Molecular Function group, a transcriptome comparison revealed differences in the representation of GO terms between males and females. There were significant differences in structural constituents of the ribosome (males, 19.97%; females, 12.06%), oxidoreductase activity (males, 12.19%; females, 5.06%) and nucleoside binding (males, 3.18%; females, 5.34%). Gene annotation information obtained by comparing contigs or singletons against the Swiss-Prot database is shown in dataset S2.

KEGG pathway analysis

KEGG (Kyoto Encyclopedia of Genes and Genomes, KEGG) pathway analysis was conducted for the annotated contigs. The KEGG pathway, consisting mainly of graphical diagrams of biochemical pathways, is a knowledge base for the systematic analysis of gene function in terms of networks of genes and molecules (Hiroyuki et al. 1999). Enzyme commission (EC) numbers were assigned to 7,710 CS (contigs and

singletons) for males and 6,226 CS for females, which were classified into 238 and 247 different pathways, respectively. A summary of the CS mapping in the primary pathway is shown in Table 2. Approximately 28% of the CS from both males and females were involved in metabolism, in particular, carbohydrate metabolism, nucleotide metabolism, and amino acid metabolism. Among these annotated CS in males and females, 18% and 28%, respectively, were classified into the category of genetic information processing. Moreover, there was a preponderance of terms in the sub-categories of translation and of replication and repair. Cellular processes were represented by approximately 19% of the CS in both males and females. In addition, 13% and 10% of the annotated CS from males and females, respectively, were classified in the immune system and endocrine system categories, which are typically closely related to reproductive processes.

Differential expression analysis comparing male and female turbot

Compared with male turbot, female turbot grow faster and achieve a larger size; therefore, an all-female population would be of significant benefit for turbot aquaculture. Sex determination is important for turbot breeding with respect to the control of the proportions of each sex. Most of the previous studies examining turbot sex determination have focused on temperature-related, hormonal and genetic factors; however, genetic factors are under-reported. Molecular biology provides a powerful approach for research examining the genetic mechanism of sex determination. Furthermore, gene expression analyses provide indispensable information.

To identify differentially expressed genes, the sequencing coverage distribution was compared between the male and female libraries. There were 4,197 common genes in males and females, 28,138 exclusive genes in males and 12,017 exclusive genes in females. In these common genes, expression of 580 common expressed

genes were detected above 10, while there were 510 significant differentially expressed genes by Fisher test ($P \leq 0.05$), of which 263 and 247 were down-regulated and up-regulated in males, respectively. All 4,197 common expressed genes, 580 common genes with expression above 10 and 510 differentially expressed genes ($P \leq 0.05$) identified by transcriptome comparison between male and female turbot are presented in Table S1. Of these differentially expressed genes, 465 have been annotated previously; moreover, 277 clustered into 27 GO categories (biological processes, 11; cellular components, 6; molecular functions, 10) and 41 were mapped on to 25 terms in the KEGG pathway. For example, the *geminin* gene was expressed 56 times more in the female library compared with the male library; the nucleoprotein *geminin* plays an important role in cell proliferation, cell differentiation, and embryonic development and tumorigenesis, among others (Wohlschlegel et al. 2002; Hansel et al. 2003; Xouri et al. 2004). The pituitary tumor transforming (*PTTG*) gene, which demonstrated the highest differential expression level that was 71 times greater in females compared with males, is a key molecular component of the mitotic spindle checkpoint pathway, ensuring orderly progression of the cell cycle, and the cell division as well as genetic stability (Yu et al. 2000). In addition, the expression of *PTTG* increases substantially in response to estrogen stimulation, promoting the expression of fibroblast growth factor β (*bFGF*) (Heaney et al. 1999). Meanwhile, the expression level of the protein ubiquitin (Ub) was found to be 8 times greater in male gonad than female, the roles of which are mediated by its covalent attachment to target protein, a process known as ubiquitylation, may be involved in human reproductive process, like gametogenesis, modulation of steroid receptor concentration at the beginning of pregnancy (Bebington et al. 2001). Recently, there is increasing evidence that both ubiquitination and its reversal, deubiquitination, play

crucial roles not only during the development of the immune system but also in the orchestration of an immune response by ensuring the proper functioning of the different cell types that constitute the immune system (Zinngrebe et al. 2014). In marine organism, Ub was found to be involved in the gonad development of *Scylla paramamosain*, an economically important breeding crab found along the southeast coast of China (Dai et al 2012). Other unannotated genes with significant changes in expression level are also worthy of further research. However, many genes that were not included in the comparison of the two libraries due to a low level of expression should also be noted. Furthermore, future studies should focus on more detailed transcriptome sequencing.

SNP detection

The 454 RNA-seq datas were also used to compare individual or pooled samples to detect molecular markers. The molecular markers (e.g., SNP) obtained from the transcribed regions have great potential for the identification of functional genes related to sex determination and sex-linked inherited economical traits.

Among the single base and indel mutations, 6,484 and 6,035 SNPs were identified in males and females, respectively, including transition and trans-version proportions of 72% and 28%, 71% and 29% in males and females, respectively (Table 3). Information of all SNPs detected in males and females are presented in Table S2. In addition, 7,799 and 8,698 insertion/deletion mutations were detected in males and females, respectively, with single nucleotide indels representing proportions of 97% in both samples. Comparison of these mutations in common genes that were expressed similarly in both males and females indicated that many genes contained unique or sex-linked mutations. For example, the gene glutathione peroxidase 4 β (*Gpx4b*) had an insertion mutation that was detected in most of the female reads but was not

detected in the male group. The same phenomenon was observed for the *Ran* gene encoding the GTP-binding nuclear protein; however, SNP screening revealed a repeated region (GTACT) inserted in this gene in the male group only. The frequency of the *nucleophosmin* gene was much higher in females than in males, and there were a large number of genes or contigs with opposite frequencies when comparing the different libraries. Fifty SNPs were subjected to experimental validation in twenty juvenile fishes (ten male and ten female) using the Mass ARRAY® method. Thirty-one of these SNPs could be validated, suggesting that approximately 60% of the predicted SNPs were indeed true SNPs. The results indicated that the gene frequencies of most true SNPs matched between the two methods with different flux (Table 4). Due to the limited number of samples and SNPs used in validation, we could not confirm all of the markers separately.

We anticipate that among the SNPs obtained using RNA-seq, there are many sex-specific markers that would be strong candidates for the identification of sex determination markers. In a previous study of sex determination in flatfish, many approaches were developed and several molecular markers were identified in the marine fish (Chen et al. 2008; Liao et al. 2009; Martínez et al. 2009; Kanako et al. 2010). In the tongue sole, a female-specific AFLP marker (CseF305) was isolated to effectively identify the sex of the half-smooth tongue sole (Chen et al. 2008). In the same study, a primary genetic linkage map, including 103 AFLP markers, 33 microsatellite markers, and one female-specific DNA marker, was constructed for the tongue sole, with an average spacing of 8.4 cM and spanning 64.4% of the estimated genome size (Liao et al. 2009). The sex identification method used for the tongue sole provided an applied approach for sex-associated and for the possibility of an

all-female population in the turbot. In further studies, validation using a low-flux method will be used in a large-scale population, and an effective sex identification system based on molecular markers will be established in the turbot.

In conclusion, using the 454 GS FLX platform to analyze a genital gland library, we obtained a large number of contigs for the turbot genomic database. These contigs supported gene digging and molecule characterization of gonad determination mechanisms at the whole genome level. In addition, the SSR and SNP data generated here in turbot were intended for sex identification and marker accumulation using genome-wide association analyses.

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Tables

Table 1. Summary of male and female *Scophthalmus maximus* 454 pyrosequencing

	Male	Female
Data generation		
Number of Reads	224,993	228,825
Minimal length (bp)	22	20
Maximum length (bp)	716	627
Average length (bp)	267.78	298.67
Standard error of length	169.73	161.57
Total megabases	68.34	60.25
Assembly statistics		
Number of reads assembled	186,401 (81.46%)	163,726 (72.77%)
Number of contigs	15,795	8,816
Average contig depth	19.85	8.95
Average contig length	513	455
N50 contig length	609	497
Number of singletons	22,282	11,431
Number of singletons >100bp	17,953	9,546
Number of annotated contigs	4,371	3,686
Number of annotated singletons	3,339	2,540
Total number of annotated CS (contigs and singletons)	7,710	6,226

Table 2. KEGG pathway mapping for male and female turbot

KEGG Pathways	Sub-pathways	No. of mapped KO /CS	
		Male	Female
Metabolism	Carbohydrate metabolism	140/291	122/207
	Energy metabolism	74/124	72/118
	Lipid metabolism	89/150	66/123
	Nucleotide metabolism	101/170	91/149
	Amino acid metabolism	103/182	94/197
	Metabolism of other amino acids	32/52	35/68
	Glycan biosynthesis and metabolism	60/94	45/70
	Metabolism of cofactors and vitamins	29/41	34/54
	Metabolism of terpenoids and polyketides	8/17	7/10
	Biosynthesis of other secondary metabolites	12/39	9/16
	Xenobiotic biodegradation and metabolism	41/62	33/76
Genetic Information Processing	Transcription	98/161	99/160
	Translation	138/169	123/263
	Folding, sorting and degradation	197/337	189/303
	Replication and repair	69/114	80/263
Environmental Information Processing	Membrane transport	12/15	5/6
	Signal transduction	201/374	146/254
Cellular Processes	Signaling molecules and interaction	40/63	22/29
	Transport and catabolism	141/258	125/194
	Cell motility	50/79	31/52
	Cell growth and death	151/247	161/308
	Cell communication	104/206	82/156
Organismal Systems	Immune system	203/346	141/226
	Endocrine system	107/216	83/155
	Circulatory system	42/77	28/49
	Digestive system	58/109	34/59
	Excretory system	25/48	25/34
	Nervous system	61/120	37/75
	Sensory system	13/37	13/29
	Development	24/37	21/34
	Environmental adaptation	13/33	9/24

Note: KO means KEGG Ortholog; CS means contigs and singletons.

Table 3. Summary of SNPs/indels identified in the male and female transcriptome

Type	Male	Female
<i>Transition</i>		
A/G	2,334	2,176
C/T	2,363	2,091
<i>Transversion</i>		
A/C	448	494
A/T	583	518
C/G	271	299
G/T	485	457
<i>Indel</i>	7,799	8,698
Total	14,283	14,734

Draft

Table 4. Representation of SNPs scanning in 454 sequencing and MassARRAY

SNP index	454 sequencing result			MassARRAY result			
	Allele	Reads number of A allele	Reads number of B allele	Allele	A allele number	B allele number	Ungenotyped individuals
SNP3806	A/G	123	66	A/G	28	10	1
SNP1262	T/C	59	49	T/C	20	20	0
SNP3801	C/T	78	49	C/T	10	30	0
SNP5435	C/T	70	33	C/T	26	14	0
SNP376	A/G	298	25	A/G	22	18	0
SNP1488	G/A	82	25	G/A	31	3	3
SNP2777	G/C	17	19	G/C	4	32	2
SNP3321	G/A	44	19	G/A	14	26	0
SNP5045	A/G	19	19	A/G	31	9	0
SNP1033	A/G	78	18	A/G	25	15	0
SNP1715	A/G	53	18	A/G	37	3	0
SNP578	C/T	15	16	C/T	4	36	0
SNP817	C/T	47	15	C/T	37	3	0
SNP1546	A/C	16	14	A/C	14	8	9
SNP3006	C/T	21	14	C/T	21	19	0
SNP3053	C/T	31	14	C/T	29	11	0
SNP4353	A/G	50	14	A/G	35	5	0
SNP2413	G/T	38	13	G/T	34	6	0
SNP5508	A/G	18	13	A/G	34	6	0
SNP813	C/A	26	12	C/A	15	17	4
SNP1993	G/A	13	12	G/A	12	24	2
SNP2956	C/A	195	12	C/A	26	12	1
SNP524	A/G	10	11	A/G	5	33	1
SNP1182	A/G	16	11	A/G	38	2	0
SNP3268	G/C	14	11	G/C	16	20	2
SNP5681	A/G	35	11	A/G	25	15	0
SNP665	T/C	14	10	T/C	22	18	0
SNP1941	A/C	12	10	A/C	30	10	0
SNP2226	G/A	23	10	G/A	26	14	0
SNP4007	C/T	13	10	C/T	12	28	0
SNP4709	G/T	10	25	G/T	36	4	0

Figures

Figure 1. Gene ontology (GO) comparison (level 3) between females and males. (A) The proportion of contigs annotated for biological process, (B) The proportion of contigs annotated for cellular component, (C) The proportion of contigs annotated for molecular function

Draft

Supplementary material

Dataset S1 Assembled contigs and singleton sequences. (ZIP)

Dataset S2 Gene annotation information obtained by comparing contigs or singletons against the Swiss-Prot database. (XLS)

Table S1 All common expressed genes, common genes with expression above 10 and differentially expressed genes identified by transcriptome comparison between male and female turbot. (XLS)

Table S2 Information of all SNPs detected in male and female. (XLS)

Figure S1 Overview of the raw reads obtained from the *Scophthalmus maximus* transcriptome. (A) Size distribution of the reads from male turbot. (B) Size distribution of the reads from female turbot.

Figure 1. Gene ontology (GO) comparison (level 3) between females and males. (A) The proportion of contigs annotated for biological process, (B) The proportion of contigs annotated for cellular component, (C) The proportion of contigs annotated for molecular function

Figure 1. Gene ontology (GO) comparison (level 3) between females and males. (A) The proportion of contigs annotated for biological process, (B) The proportion of contigs annotated for cellular component, (C) The proportion of contigs annotated for molecular function

Figure 1. Gene ontology (GO) comparison (level 3) between females and males. (A) The proportion of contigs annotated for biological process, (B) The proportion of contigs annotated for cellular component, (C) The proportion of contigs annotated for molecular function

Unigene_ref_ID	MALE_expression	FEMALE_expression	MALE_unigene
Unigene_GR6TTJD01AE1KJ_xiong	26	69	GR6TTJD01AE1KJ_xion
Unigene_UN_xiong_8786	184	26	UN_xiong_8786
Unigene_UN_xiong_1403	195	62	UN_xiong_1403
Unigene_UN_xiong_13350	1252	709	UN_xiong_13350
Unigene_UN_xiong_11583	127	214	UN_xiong_11583
Unigene_UN_xiong_7896	148	26	UN_xiong_7896
Unigene_GR6TTJD01A1S5H_xiong	59	30	GR6TTJD01A1S5H_xion
Unigene_UN_xiong_15270	114	62	UN_xiong_15270
Unigene_UN_xiong_14703	436	65	UN_xiong_14703
Unigene_GPGRCDD02HWK15_xiong	54	90	GPGRCDD02HWK15_xion
Unigene_UN_xiong_7949	149	399	UN_xiong_7949
Unigene_UN_xiong_10617	71	82	UN_xiong_10617
Unigene_UN_xiong_6592	44	25	UN_xiong_6592
Unigene_UN_xiong_8627	63	193	UN_xiong_8627
Unigene_UN_xiong_4949	84	469	UN_xiong_4949
Unigene_GP8I43W03FWRC5_xiong	138	101	GP8I43W03FWRC5_xion
Unigene_UN_xiong_4885	178	84	UN_xiong_4885
Unigene_UN_xiong_5778	148	71	UN_xiong_5778
Unigene_UN_xiong_709	43	25	UN_xiong_709
Unigene_UN_xiong_10542	163	239	UN_xiong_10542
Unigene_UN_xiong_5229	111	117	UN_xiong_5229
Unigene_UN_xiong_12937	60	30	UN_xiong_12937
Unigene_UN_xiong_9222	41	29	UN_xiong_9222
Unigene_UN_xiong_12107	47	24	UN_xiong_12107
Unigene_UN_xiong_496	132	175	UN_xiong_496
Unigene_GR6TTJD01BJWE7_xiong	47	40	GR6TTJD01BJWE7_xion
Unigene_UN_xiong_11556	60	57	UN_xiong_11556
Unigene_UN_xiong_15684	160	25	UN_xiong_15684
Unigene_UN_xiong_7193	67	51	UN_xiong_7193
Unigene_UN_xiong_1546	35	26	UN_xiong_1546
Unigene_UN_xiong_8441	67	33	UN_xiong_8441
Unigene_GPGRCDD02HSWPY_xiong	30	36	GPGRCDD02HSWPY_xion
Unigene_UN_xiong_11683	124	58	UN_xiong_11683
Unigene_UN_xiong_3634	293	1630	UN_xiong_3634
Unigene_GR6TTJD01BXBZ0_xiong	42	40	GR6TTJD01BXBZ0_xion
Unigene_UN_xiong_10796	62	214	UN_xiong_10796
Unigene_UN_xiong_5142	79	22	UN_xiong_5142
Unigene_UN_xiong_4985	106	84	UN_xiong_4985
Unigene_UN_xiong_5949	78	23	UN_xiong_5949
Unigene_GP8I43W03GWEPN_xiong	35	302	GP8I43W03GWEPN_xion
Unigene_UN_xiong_14639	98	1225	UN_xiong_14639
Unigene_UN_xiong_4223	35	161	UN_xiong_4223
Unigene_UN_xiong_12006	68	42	UN_xiong_12006
Unigene_UN_xiong_2777	98	43	UN_xiong_2777
Unigene_GR6TTJD01B9R70_xiong	26	38	GR6TTJD01B9R70_xion
Unigene_GPGRCDD02F8DJK_xiong	81	144	GPGRCDD02F8DJK_xion
Unigene_UN_xiong_9547	43	28	UN_xiong_9547
Unigene_UN_xiong_14619	2290	4415	UN_xiong_14619

Unigene_UN_xiong_5805	44	225 UN_xiong_5805
Unigene_GPGRCD02IR0T9_xiong	41	44 GPGRCD02IR0T9_xion
Unigene_UN_xiong_7387	44	99 UN_xiong_7387
Unigene_GP8I43W03F10BK_xiong	35	100 GP8I43W03F10BK_xion
Unigene_GR6TTJD01A2A4F_xiong	37	68 GR6TTJD01A2A4F_xion
Unigene_GP8I43W03HECQT_xiong	36	54 GP8I43W03HECQT_xion
Unigene_GR6TTJD01BS7XY_xiong	28	29 GR6TTJD01BS7XY_xion
Unigene_UN_xiong_14606	114	144 UN_xiong_14606
Unigene_GPGRCD02J1GTJ_xiong	28	49 GPGRCD02J1GTJ_xion
Unigene_UN_xiong_10941	405	533 UN_xiong_10941
Unigene_GR6TTJD01AK5EF_xiong	44	110 GR6TTJD01AK5EF_xion
Unigene_UN_xiong_15716	116	25 UN_xiong_15716
Unigene_UN_xiong_14529	3996	257 UN_xiong_14529
Unigene_UN_xiong_15362	75	105 UN_xiong_15362
Unigene_UN_xiong_790	821	461 UN_xiong_790
Unigene_GR6TTJD01BIUJL_xiong	78	76 GR6TTJD01BIUJL_xion
Unigene_UN_xiong_9095	57	100 UN_xiong_9095
Unigene_UN_xiong_1428	226	954 UN_xiong_1428
Unigene_GR6TTJD01AVR2K_xiong	19	78 GR6TTJD01AVR2K_xion
Unigene_UN_xiong_5031	91	48 UN_xiong_5031
Unigene_UN_xiong_11863	135	55 UN_xiong_11863
Unigene_GP8I43W03HELZO_xiong	36	139 GP8I43W03HELZO_xion
Unigene_UN_xiong_3916	41	263 UN_xiong_3916
Unigene_UN_xiong_12140	171	44 UN_xiong_12140
Unigene_UN_xiong_15099	155	51 UN_xiong_15099
Unigene_GR6TTJD01BYA27_xiong	27	23 GR6TTJD01BYA27_xion
Unigene_GR6TTJD01BNZ3M_xiong	21	33 GR6TTJD01BNZ3M_xion
Unigene_UN_xiong_7284	171	124 UN_xiong_7284
Unigene_UN_xiong_13697	142	204 UN_xiong_13697
Unigene_UN_xiong_5329	480	284 UN_xiong_5329
Unigene_UN_xiong_9429	440	928 UN_xiong_9429
Unigene_UN_xiong_14121	469	76 UN_xiong_14121
Unigene_UN_xiong_9664	99	60 UN_xiong_9664
Unigene_UN_xiong_7341	224	42 UN_xiong_7341
Unigene_GPGRCD02GXAGU_xiong	34	70 GPGRCD02GXAGU_xion
Unigene_UN_xiong_4290	137	21 UN_xiong_4290
Unigene_UN_xiong_1315	78	95 UN_xiong_1315
Unigene_UN_xiong_3054	75	175 UN_xiong_3054
Unigene_UN_xiong_847	163	90 UN_xiong_847
Unigene_UN_xiong_8540	176	24 UN_xiong_8540
Unigene_UN_xiong_4067	143	147 UN_xiong_4067
Unigene_UN_xiong_3396	55	551 UN_xiong_3396
Unigene_UN_xiong_1572	236	64 UN_xiong_1572
Unigene_UN_xiong_446	104	177 UN_xiong_446
Unigene_GR6TTJD01A0Q3B_xiong	26	54 GR6TTJD01A0Q3B_xion
Unigene_UN_xiong_12076	118	45 UN_xiong_12076
Unigene_UN_xiong_15292	117	48 UN_xiong_15292
Unigene_GR6TTJD01AHFY0_xiong	26	41 GR6TTJD01AHFY0_xion
Unigene_UN_xiong_3848	116	203 UN_xiong_3848
Unigene_UN_xiong_553	121	343 UN_xiong_553

Unigene_UN_xiong_7545	124	47 UN_xiong_7545
Unigene_GR6TTJD01AOGNE_xiong	27	62 GR6TTJD01AOGNE_xion
Unigene_UN_xiong_11094	312	22 UN_xiong_11094
Unigene_UN_xiong_14437	1702	739 UN_xiong_14437
Unigene_UN_xiong_14781	229	432 UN_xiong_14781
Unigene_UN_xiong_7419	63	668 UN_xiong_7419
Unigene_GPGRCDD02I4IYG_xiong	21	36 GPGRCDD02I4IYG_xion
Unigene_GR6TTJD01AMALN_xiong	28	64 GR6TTJD01AMALN_xion
Unigene_UN_xiong_3008	96	99 UN_xiong_3008
Unigene_UN_xiong_6386	202	494 UN_xiong_6386
Unigene_GR6TTJD01CAJU0_xiong	28	22 GR6TTJD01CAJU0_xion
Unigene_UN_xiong_14493	283	59 UN_xiong_14493
Unigene_GPGRCDD02HCYCH_xiong	47	37 GPGRCDD02HCYCH_xion
Unigene_UN_xiong_4351	295	166 UN_xiong_4351
Unigene_UN_xiong_14231	255	138 UN_xiong_14231
Unigene_UN_xiong_6787	126	229 UN_xiong_6787
Unigene_GP8I43W03HGEPH_xiong	58	121 GP8I43W03HGEPH_xion
Unigene_UN_xiong_14258	682	844 UN_xiong_14258
Unigene_UN_xiong_11001	161	148 UN_xiong_11001
Unigene_GR6TTJD01A810M_xiong	36	22 GR6TTJD01A810M_xion
Unigene_GPGRCDD02IGC0J_xiong	56	520 GPGRCDD02IGC0J_xion
Unigene_UN_xiong_4932	681	2295 UN_xiong_4932
Unigene_UN_xiong_3786	108	58 UN_xiong_3786
Unigene_UN_xiong_8913	199	73 UN_xiong_8913
Unigene_GP8I43W03FOQC0_xiong	25	30 GP8I43W03FOQC0_xion
Unigene_UN_xiong_11821	129	318 UN_xiong_11821
Unigene_UN_xiong_7764	94	92 UN_xiong_7764
Unigene_GPGRCDD02G08JC_xiong	56	90 GPGRCDD02G08JC_xion
Unigene_UN_xiong_10057	151	76 UN_xiong_10057
Unigene_UN_xiong_6458	174	137 UN_xiong_6458
Unigene_UN_xiong_13587	159	81 UN_xiong_13587
Unigene_UN_xiong_2017	55	64 UN_xiong_2017
Unigene_UN_xiong_14648	896	304 UN_xiong_14648
Unigene_UN_xiong_14885	855	992 UN_xiong_14885
Unigene_GPGRCDD02GLRS5_xiong	28	211 GPGRCDD02GLRS5_xion
Unigene_UN_xiong_896	233	253 UN_xiong_896
Unigene_GR6TTJD01B3W2T_xiong	34	68 GR6TTJD01B3W2T_xion
Unigene_UN_xiong_6468	76	44 UN_xiong_6468
Unigene_UN_xiong_748	109	183 UN_xiong_748
Unigene_UN_xiong_2721	72	58 UN_xiong_2721
Unigene_UN_xiong_326	117	37 UN_xiong_326
Unigene_UN_xiong_750	192	41 UN_xiong_750
Unigene_UN_xiong_2256	118	89 UN_xiong_2256
Unigene_UN_xiong_2413	302	190 UN_xiong_2413
Unigene_UN_xiong_8126	58	24 UN_xiong_8126
Unigene_UN_xiong_14444	1570	3640 UN_xiong_14444
Unigene_UN_xiong_8647	122	322 UN_xiong_8647
Unigene_UN_xiong_7701	142	20 UN_xiong_7701
Unigene_GR6TTJD01BMS3H_xiong	32	41 GR6TTJD01BMS3H_xion
Unigene_UN_xiong_12206	41	22 UN_xiong_12206

Unigene_UN_xiong_7517	131	35 UN_xiong_7517
Unigene_UN_xiong_11127	188	57 UN_xiong_11127
Unigene_UN_xiong_6700	102	51 UN_xiong_6700
Unigene_GP8I43W03GD053_xiong	27	80 GP8I43W03GD053_xion
Unigene_GPGRCDD02GUKZ8_xiong	32	24 GPGRCDD02GUKZ8_xion
Unigene_UN_xiong_555	91	44 UN_xiong_555
Unigene_GR6TTJD01BBNDM_xiong	22	22 GR6TTJD01BBNDM_xion
Unigene_GPGRCDD02F7TLR_xiong	26	1712 GPGRCDD02F7TLR_xion
Unigene_UN_xiong_13429	71	92 UN_xiong_13429
Unigene_UN_xiong_15563	433	76 UN_xiong_15563
Unigene_UN_xiong_3546	111	45 UN_xiong_3546
Unigene_UN_xiong_1132	80	23 UN_xiong_1132
Unigene_UN_xiong_14997	182	181 UN_xiong_14997
Unigene_UN_xiong_13319	74	25 UN_xiong_13319
Unigene_GR6TTJD01AWJNL_xiong	30	24 GR6TTJD01AWJNL_xion
Unigene_UN_xiong_14747	500	2772 UN_xiong_14747
Unigene_UN_xiong_701	249	117 UN_xiong_701
Unigene_GR6TTJD01BION9_xiong	71	56 GR6TTJD01BION9_xion
Unigene_UN_xiong_3347	71	40 UN_xiong_3347
Unigene_UN_xiong_2550	263	2564 UN_xiong_2550
Unigene_UN_xiong_7358	144	125 UN_xiong_7358
Unigene_GPGRCDD02FPC62_xiong	67	55 GPGRCDD02FPC62_xion
Unigene_UN_xiong_4687	90	270 UN_xiong_4687
Unigene_GP8I43W03HA05C_xiong	23	22 GP8I43W03HA05C_xion
Unigene_UN_xiong_8749	40	26 UN_xiong_8749
Unigene_GR6TTJD01AR20V_xiong	40	34 GR6TTJD01AR20V_xion
Unigene_UN_xiong_5075	73	142 UN_xiong_5075
Unigene_UN_xiong_12801	43	485 UN_xiong_12801
Unigene_GR6TTJD01B8GDD_xiong	41	51 GR6TTJD01B8GDD_xion
Unigene_UN_xiong_10446	209	319 UN_xiong_10446
Unigene_UN_xiong_1390	123	123 UN_xiong_1390
Unigene_UN_xiong_5406	131	301 UN_xiong_5406
Unigene_GR6TTJD01CAI1I_xiong	24	21 GR6TTJD01CAI1I_xion
Unigene_GPGRCDD02F5LZF_xiong	39	112 GPGRCDD02F5LZF_xion
Unigene_GP8I43W03G8LMB_xiong	39	27 GP8I43W03G8LMB_xion
Unigene_UN_xiong_9369	75	42 UN_xiong_9369
Unigene_UN_xiong_12612	80	20 UN_xiong_12612
Unigene_UN_xiong_2566	233	69 UN_xiong_2566
Unigene_UN_xiong_7244	105	259 UN_xiong_7244
Unigene_UN_xiong_392	270	214 UN_xiong_392
Unigene_UN_xiong_4147	138	75 UN_xiong_4147
Unigene_GPGRCDD02F50Z0_xiong	65	47 GPGRCDD02F50Z0_xion
Unigene_GPGRCDD02I000W_xiong	27	29 GPGRCDD02I000W_xion
Unigene_GP8I43W03GMA6A_xiong	26	209 GP8I43W03GMA6A_xion
Unigene_GR6TTJD01A8WBT_xiong	30	470 GR6TTJD01A8WBT_xion
Unigene_UN_xiong_11608	62	29 UN_xiong_11608
Unigene_UN_xiong_3417	126	622 UN_xiong_3417
Unigene_UN_xiong_6239	39	21 UN_xiong_6239
Unigene_UN_xiong_6546	34	26 UN_xiong_6546
Unigene_GR6TTJD01B7MKC_xiong	24	80 GR6TTJD01B7MKC_xion

Unigene_UN_xiong_11909	59	228 UN_xiong_11909
Unigene_UN_xiong_3585	174	66 UN_xiong_3585
Unigene_UN_xiong_14945	182	47 UN_xiong_14945
Unigene_UN_xiong_3834	47	93 UN_xiong_3834
Unigene_GR6TTJD01A0B5L_xiong	99	58 GR6TTJD01A0B5L_xion
Unigene_UN_xiong_3222	119	180 UN_xiong_3222
Unigene_UN_xiong_9063	192	581 UN_xiong_9063
Unigene_UN_xiong_13418	126	29 UN_xiong_13418
Unigene_UN_xiong_12490	59	132 UN_xiong_12490
Unigene_UN_xiong_3633	107	70 UN_xiong_3633
Unigene_UN_xiong_13451	119	1203 UN_xiong_13451
Unigene_UN_xiong_10662	93	22 UN_xiong_10662
Unigene_UN_xiong_15519	193	210 UN_xiong_15519
Unigene_UN_xiong_273	248	284 UN_xiong_273
Unigene_UN_xiong_14070	165	7554 UN_xiong_14070
Unigene_UN_xiong_14953	231	286 UN_xiong_14953
Unigene_UN_xiong_1494	1096	1338 UN_xiong_1494
Unigene_GP8I43W03F15MY_xiong	37	135 GP8I43W03F15MY_xion
Unigene_UN_xiong_399	2091	717 UN_xiong_399
Unigene_UN_xiong_2030	161	93 UN_xiong_2030
Unigene_UN_xiong_15422	104	262 UN_xiong_15422
Unigene_UN_xiong_215	294	91 UN_xiong_215
Unigene_GPGRCDD02IFYP4_xiong	24	395 GPGRCDD02IFYP4_xion
Unigene_UN_xiong_6419	251	339 UN_xiong_6419
Unigene_UN_xiong_4204	247	515 UN_xiong_4204
Unigene_UN_xiong_11435	270	104 UN_xiong_11435
Unigene_UN_xiong_5417	66	27 UN_xiong_5417
Unigene_UN_xiong_15690	181	375 UN_xiong_15690
Unigene_GR6TTJD01B003V_xiong	24	78 GR6TTJD01B003V_xion
Unigene_GR6TTJD01AFPS3_xiong	95	88 GR6TTJD01AFPS3_xion
Unigene_GPGRCDD02H7401_xiong	46	61 GPGRCDD02H7401_xion
Unigene_UN_xiong_2978	267	187 UN_xiong_2978
Unigene_UN_xiong_238	57	237 UN_xiong_238
Unigene_UN_xiong_312	29	71 UN_xiong_312
Unigene_UN_xiong_11224	63	336 UN_xiong_11224
Unigene_UN_xiong_13359	142	32 UN_xiong_13359
Unigene_UN_xiong_1111	212	253 UN_xiong_1111
Unigene_UN_xiong_2223	81	54 UN_xiong_2223
Unigene_UN_xiong_9264	123	62 UN_xiong_9264
Unigene_GR6TTJD01AFB3R_xiong	30	22 GR6TTJD01AFB3R_xion
Unigene_UN_xiong_2448	89	61 UN_xiong_2448
Unigene_UN_xiong_2972	323	29 UN_xiong_2972
Unigene_UN_xiong_7030	137	38 UN_xiong_7030
Unigene_UN_xiong_2530	212	46 UN_xiong_2530
Unigene_UN_xiong_996	77	42 UN_xiong_996
Unigene_UN_xiong_14354	529	435 UN_xiong_14354
Unigene_GR6TTJD01AHJ1A_xiong	21	92 GR6TTJD01AHJ1A_xion
Unigene_GR6TTJD01CD09W_xiong	33	68 GR6TTJD01CD09W_xion
Unigene_UN_xiong_14414	2462	7151 UN_xiong_14414
Unigene_GPGRCDD02IR375_xiong	55	108 GPGRCDD02IR375_xion

Unigene_UN_xiong_7224	67	32 UN_xiong_7224
Unigene_GPGRCD02GNUZ9_xiong	41	24 GPGRCD02GNUZ9_xion
Unigene_UN_xiong_9570	1245	1254 UN_xiong_9570
Unigene_UN_xiong_1675	823	69 UN_xiong_1675
Unigene_GR6TTJD01AKJKM_xiong	58	88 GR6TTJD01AKJKM_xion
Unigene_UN_xiong_3253	577	208 UN_xiong_3253
Unigene_GR6TTJD01B928W_xiong	28	37 GR6TTJD01B928W_xion
Unigene_GR6TTJD01AL8YA_xiong	24	22 GR6TTJD01AL8YA_xion
Unigene_UN_xiong_9068	53	115 UN_xiong_9068
Unigene_UN_xiong_3737	152	28 UN_xiong_3737
Unigene_UN_xiong_7045	221	29 UN_xiong_7045
Unigene_UN_xiong_14542	6371	1993 UN_xiong_14542
Unigene_UN_xiong_4428	145	30 UN_xiong_4428
Unigene_UN_xiong_7803	111	32 UN_xiong_7803
Unigene_UN_xiong_346	96	63 UN_xiong_346
Unigene_UN_xiong_12181	33	47 UN_xiong_12181
Unigene_UN_xiong_14367	308	39 UN_xiong_14367
Unigene_UN_xiong_2099	665	751 UN_xiong_2099
Unigene_UN_xiong_11060	49	99 UN_xiong_11060
Unigene_UN_xiong_6639	50	24 UN_xiong_6639
Unigene_GP8I43W03GX98S_xiong	40	34 GP8I43W03GX98S_xion
Unigene_UN_xiong_8069	178	79 UN_xiong_8069
Unigene_UN_xiong_2273	100	67 UN_xiong_2273
Unigene_UN_xiong_6515	86	73 UN_xiong_6515
Unigene_UN_xiong_13712	138	343 UN_xiong_13712
Unigene_GR6TTJD01AMMP5_xiong	41	40 GR6TTJD01AMMP5_xion
Unigene_UN_xiong_974	166	326 UN_xiong_974
Unigene_UN_xiong_692	245	210 UN_xiong_692
Unigene_UN_xiong_11225	556	278 UN_xiong_11225
Unigene_GPGRCD02GTY95_xiong	28	68 GPGRCD02GTY95_xion
Unigene_UN_xiong_6015	115	157 UN_xiong_6015
Unigene_UN_xiong_14683	315	223 UN_xiong_14683
Unigene_UN_xiong_2113	107	65 UN_xiong_2113
Unigene_GPGRCD02JENGv_xiong	42	32 GPGRCD02JENGv_xion
Unigene_UN_xiong_13030	149	183 UN_xiong_13030
Unigene_UN_xiong_10726	230	63 UN_xiong_10726
Unigene_GR6TTJD01A5DDA_xiong	26	25 GR6TTJD01A5DDA_xion
Unigene_UN_xiong_13318	232	648 UN_xiong_13318
Unigene_UN_xiong_6711	144	149 UN_xiong_6711
Unigene_UN_xiong_14474	150	171 UN_xiong_14474
Unigene_GPGRCD02HLFB4_xiong	29	140 GPGRCD02HLFB4_xion
Unigene_UN_xiong_109	119	119 UN_xiong_109
Unigene_GR6TTJD01AESHN_xiong	87	29 GR6TTJD01AESHN_xion
Unigene_UN_xiong_14912	481	144 UN_xiong_14912
Unigene_UN_xiong_8341	31	136 UN_xiong_8341
Unigene_UN_xiong_12969	182	123 UN_xiong_12969
Unigene_UN_xiong_222	63	62 UN_xiong_222
Unigene_UN_xiong_5410	227	242 UN_xiong_5410
Unigene_UN_xiong_5526	68	118 UN_xiong_5526
Unigene_UN_xiong_7692	66	44 UN_xiong_7692

Unigene_GPGRCDD02HSZC1_xiong	25	166 GPGRCDD02HSZC1_xion
Unigene_GR6TTJD01AFR3D_xiong	23	181 GR6TTJD01AFR3D_xion
Unigene_UN_xiong_15372	649	516 UN_xiong_15372
Unigene_GR6TTJD01AOUE2_xiong	31	119 GR6TTJD01AOUE2_xion
Unigene_UN_xiong_8738	97	43 UN_xiong_8738
Unigene_UN_xiong_10668	123	44 UN_xiong_10668
Unigene_UN_xiong_4807	70	81 UN_xiong_4807
Unigene_UN_xiong_13708	74	271 UN_xiong_13708
Unigene_GPGRCDD02JX0UP_xiong	76	148 GPGRCDD02JX0UP_xion
Unigene_GPGRCDD02GK4DZ_xiong	22	237 GPGRCDD02GK4DZ_xion
Unigene_UN_xiong_10818	76	25 UN_xiong_10818
Unigene_UN_xiong_9969	122	74 UN_xiong_9969
Unigene_GR6TTJD01BNLLF_xiong	39	69 GR6TTJD01BNLLF_xion
Unigene_UN_xiong_15449	350	176 UN_xiong_15449
Unigene_GR6TTJD01BIBAY_xiong	39	80 GR6TTJD01BIBAY_xion
Unigene_GR6TTJD01B37K5_xiong	22	26 GR6TTJD01B37K5_xion
Unigene_UN_xiong_7068	35	105 UN_xiong_7068
Unigene_UN_xiong_469	265	33 UN_xiong_469
Unigene_UN_xiong_11627	228	52 UN_xiong_11627
Unigene_UN_xiong_10652	1141	46 UN_xiong_10652
Unigene_UN_xiong_10151	49	144 UN_xiong_10151
Unigene_UN_xiong_5357	233	89 UN_xiong_5357
Unigene_UN_xiong_13314	97	47 UN_xiong_13314
Unigene_UN_xiong_148	173	895 UN_xiong_148
Unigene_GR6TTJD01AYS64_xiong	45	82 GR6TTJD01AYS64_xion
Unigene_UN_xiong_14182	84	187 UN_xiong_14182
Unigene_UN_xiong_14548	199	208 UN_xiong_14548
Unigene_UN_xiong_3481	286	224 UN_xiong_3481
Unigene_UN_xiong_1517	133	212 UN_xiong_1517
Unigene_GR6TTJD01B036H_xiong	56	239 GR6TTJD01B036H_xion
Unigene_UN_xiong_4647	41	56 UN_xiong_4647
Unigene_GR6TTJD01A9N3I_xiong	41	45 GR6TTJD01A9N3I_xion
Unigene_UN_xiong_8429	42	60 UN_xiong_8429
Unigene_UN_xiong_240	63	97 UN_xiong_240
Unigene_GPGRCDD02GNYZC_xiong	83	263 GPGRCDD02GNYZC_xion
Unigene_UN_xiong_14066	52	769 UN_xiong_14066
Unigene_UN_xiong_4544	732	130 UN_xiong_4544
Unigene_UN_xiong_14459	185	209 UN_xiong_14459
Unigene_UN_xiong_7231	463	274 UN_xiong_7231
Unigene_UN_xiong_14975	194	175 UN_xiong_14975
Unigene_UN_xiong_9544	310	121 UN_xiong_9544
Unigene_UN_xiong_3111	148	40 UN_xiong_3111
Unigene_UN_xiong_14012	128	116 UN_xiong_14012
Unigene_UN_xiong_4095	60	38 UN_xiong_4095
Unigene_GR6TTJD01BNK1X_xiong	76	100 GR6TTJD01BNK1X_xion
Unigene_UN_xiong_11786	107	48 UN_xiong_11786
Unigene_UN_xiong_481	169	84 UN_xiong_481
Unigene_UN_xiong_8413	165	290 UN_xiong_8413
Unigene_GR6TTJD01AZK39_xiong	35	55 GR6TTJD01AZK39_xion
Unigene_GPGRCDD02HVQAJ_xiong	33	26 GPGRCDD02HVQAJ_xion

Unigene_GP8I43W03GC643_xiong	25	94 GP8I43W03GC643_xion
Unigene_UN_xiong_2470	68	64 UN_xiong_2470
Unigene_GP8I43W03G1IU1_xiong	38	32 GP8I43W03G1IU1_xion
Unigene_GR6TTJD01A2I6Z_xiong	35	112 GR6TTJD01A2I6Z_xion
Unigene_UN_xiong_11975	51	40 UN_xiong_11975
Unigene_UN_xiong_6297	183	103 UN_xiong_6297
Unigene_UN_xiong_14306	160	68 UN_xiong_14306
Unigene_UN_xiong_11636	337	37 UN_xiong_11636
Unigene_UN_xiong_14524	837	294 UN_xiong_14524
Unigene_UN_xiong_14863	208	59 UN_xiong_14863
Unigene_GR6TTJD01BLZZA_xiong	26	22 GR6TTJD01BLZZA_xion
Unigene_GP8I43W03FVBYW_xiong	38	120 GP8I43W03FVBYW_xion
Unigene_UN_xiong_4859	100	154 UN_xiong_4859
Unigene_UN_xiong_7054	129	84 UN_xiong_7054
Unigene_UN_xiong_2239	291	160 UN_xiong_2239
Unigene_UN_xiong_3590	256	613 UN_xiong_3590
Unigene_UN_xiong_6926	163	81 UN_xiong_6926
Unigene_UN_xiong_2573	148	66 UN_xiong_2573
Unigene_UN_xiong_9227	342	79 UN_xiong_9227
Unigene_UN_xiong_13607	360	5649 UN_xiong_13607
Unigene_GP8I43W03F8RXP_xiong	29	41 GP8I43W03F8RXP_xion
Unigene_UN_xiong_10370	132	65 UN_xiong_10370
Unigene_UN_xiong_2521	326	474 UN_xiong_2521
Unigene_UN_xiong_6771	84	100 UN_xiong_6771
Unigene_UN_xiong_949	10881	2441 UN_xiong_949
Unigene_UN_xiong_11730	44	22 UN_xiong_11730
Unigene_UN_xiong_4614	234	30 UN_xiong_4614
Unigene_UN_xiong_14677	496	3268 UN_xiong_14677
Unigene_UN_xiong_6402	127	249 UN_xiong_6402
Unigene_UN_xiong_88	89	63 UN_xiong_88
Unigene_UN_xiong_10308	52	80 UN_xiong_10308
Unigene_UN_xiong_1027	227	764 UN_xiong_1027
Unigene_GR6TTJD01A0I55_xiong	28	193 GR6TTJD01A0I55_xion
Unigene_UN_xiong_13643	82	40 UN_xiong_13643
Unigene_UN_xiong_12574	64	21 UN_xiong_12574
Unigene_UN_xiong_13273	78	89 UN_xiong_13273
Unigene_UN_xiong_12975	369	221 UN_xiong_12975
Unigene_GPGRCDD02GAAMK_xiong	31	60 GPGRCDD02GAAMK_xion
Unigene_UN_xiong_3976	176	45 UN_xiong_3976
Unigene_UN_xiong_8113	316	42 UN_xiong_8113
Unigene_UN_xiong_15062	179	79 UN_xiong_15062
Unigene_GP8I43W03HBPNX_xiong	20	136 GP8I43W03HBPNX_xion
Unigene_UN_xiong_7707	338	1511 UN_xiong_7707
Unigene_UN_xiong_427	50	61 UN_xiong_427
Unigene_UN_xiong_3105	984	3163 UN_xiong_3105
Unigene_UN_xiong_11996	62	145 UN_xiong_11996
Unigene_UN_xiong_3628	241	366 UN_xiong_3628
Unigene_UN_xiong_3793	240	125 UN_xiong_3793
Unigene_UN_xiong_12588	48	477 UN_xiong_12588
Unigene_GR6TTJD01A6DJO_xiong	26	47 GR6TTJD01A6DJO_xion

Unigene_UN_xiong_3181	232	126 UN_xiong_3181
Unigene_UN_xiong_6981	73	60 UN_xiong_6981
Unigene_UN_xiong_2600	36	60 UN_xiong_2600
Unigene_UN_xiong_7819	54	73 UN_xiong_7819
Unigene_UN_xiong_4493	278	80 UN_xiong_4493
Unigene_UN_xiong_6837	98	63 UN_xiong_6837
Unigene_GR6TTJD01AEPHX_xiong	37	61 GR6TTJD01AEPHX_xion
Unigene_UN_xiong_13984	38	104 UN_xiong_13984
Unigene_UN_xiong_6509	61	42 UN_xiong_6509
Unigene_UN_xiong_6650	85	61 UN_xiong_6650
Unigene_GR6TTJD01ASCEC_xiong	26	44 GR6TTJD01ASCEC_xion
Unigene_UN_xiong_1154	163	39 UN_xiong_1154
Unigene_GP8I43W03HDLX9_xiong	44	26 GP8I43W03HDLX9_xion
Unigene_UN_xiong_2697	253	109 UN_xiong_2697
Unigene_UN_xiong_2755	192	571 UN_xiong_2755
Unigene_UN_xiong_10411	47	48 UN_xiong_10411
Unigene_UN_xiong_2167	152	40 UN_xiong_2167
Unigene_UN_xiong_1885	100	81 UN_xiong_1885
Unigene_UN_xiong_5260	93	173 UN_xiong_5260
Unigene_UN_xiong_10862	110	58 UN_xiong_10862
Unigene_GR6TTJD01BNEYA_xiong	77	177 GR6TTJD01BNEYA_xion
Unigene_UN_xiong_2938	47	48 UN_xiong_2938
Unigene_UN_xiong_5040	73	134 UN_xiong_5040
Unigene_UN_xiong_3356	165	192 UN_xiong_3356
Unigene_UN_xiong_13660	56	92 UN_xiong_13660
Unigene_UN_xiong_14363	278	63 UN_xiong_14363
Unigene_UN_xiong_7295	143	329 UN_xiong_7295
Unigene_UN_xiong_158	299	78 UN_xiong_158
Unigene_UN_xiong_6447	106	93 UN_xiong_6447
Unigene_UN_xiong_3935	264	322 UN_xiong_3935
Unigene_UN_xiong_14038	241	393 UN_xiong_14038
Unigene_UN_xiong_10484	117	56 UN_xiong_10484
Unigene_UN_xiong_15009	71	4703 UN_xiong_15009
Unigene_GPGRCDD02GQ41R_xiong	37	1608 GPGRCDD02GQ41R_xion
Unigene_UN_xiong_4153	70	47 UN_xiong_4153
Unigene_GR6TTJD01BYSCR_xiong	21	32 GR6TTJD01BYSCR_xion
Unigene_UN_xiong_10301	267	142 UN_xiong_10301
Unigene_UN_xiong_9007	132	28 UN_xiong_9007
Unigene_UN_xiong_759	172	232 UN_xiong_759
Unigene_UN_xiong_1628	557	240 UN_xiong_1628
Unigene_UN_xiong_1118	84	59 UN_xiong_1118
Unigene_UN_xiong_13034	82	232 UN_xiong_13034
Unigene_GPGRCDD02JXM8R_xiong	35	571 GPGRCDD02JXM8R_xion
Unigene_UN_xiong_15136	269	447 UN_xiong_15136
Unigene_UN_xiong_6033	65	159 UN_xiong_6033
Unigene_UN_xiong_879	214	183 UN_xiong_879
Unigene_UN_xiong_5167	106	225 UN_xiong_5167
Unigene_UN_xiong_14965	157	377 UN_xiong_14965
Unigene_UN_xiong_15453	144	89 UN_xiong_15453
Unigene_GR6TTJD01A20N0_xiong	78	50 GR6TTJD01A20N0_xion

Unigene_UN_xiong_7871	101	821 UN_xiong_7871
Unigene_UN_xiong_11899	72	271 UN_xiong_11899
Unigene_GR6TTJD01AHEOX_xiong	53	29 GR6TTJD01AHEOX_xion
Unigene_GR6TTJD01A1EHD_xiong	44	44 GR6TTJD01A1EHD_xion
Unigene_UN_xiong_11425	75	182 UN_xiong_11425
Unigene_UN_xiong_15102	170	72 UN_xiong_15102
Unigene_UN_xiong_2706	117	235 UN_xiong_2706
Unigene_UN_xiong_2637	4241	1501 UN_xiong_2637
Unigene_UN_xiong_14734	69	29 UN_xiong_14734
Unigene_UN_xiong_10584	3141	1811 UN_xiong_10584
Unigene_UN_xiong_1408	53	24 UN_xiong_1408
Unigene_UN_xiong_12751	71	57 UN_xiong_12751
Unigene_UN_xiong_3902	147	428 UN_xiong_3902
Unigene_UN_xiong_5346	139	92 UN_xiong_5346
Unigene_GR6TTJD01AOMB1_xiong	66	40 GR6TTJD01AOMB1_xion
Unigene_UN_xiong_11376	286	297 UN_xiong_11376
Unigene_UN_xiong_1720	60	63 UN_xiong_1720
Unigene_UN_xiong_674	42	120 UN_xiong_674
Unigene_GP8I43W03FZ7Z0_xiong	34	133 GP8I43W03FZ7Z0_xion
Unigene_UN_xiong_9324	505	76 UN_xiong_9324
Unigene_UN_xiong_10903	142	111 UN_xiong_10903
Unigene_UN_xiong_5786	85	35 UN_xiong_5786
Unigene_UN_xiong_335	839	3951 UN_xiong_335
Unigene_GR6TTJD01B3K3L_xiong	31	29 GR6TTJD01B3K3L_xion
Unigene_GR6TTJD01CDNOW_xiong	27	26 GR6TTJD01CDNOW_xion
Unigene_UN_xiong_10360	220	592 UN_xiong_10360
Unigene_UN_xiong_5083	92	63 UN_xiong_5083
Unigene_UN_xiong_1735	469	301 UN_xiong_1735
Unigene_UN_xiong_10859	93	381 UN_xiong_10859
Unigene_UN_xiong_3290	49	117 UN_xiong_3290
Unigene_GPGRCDD02HDPWR_xiong	26	127 GPGRCDD02HDPWR_xion
Unigene_UN_xiong_9456	338	613 UN_xiong_9456
Unigene_UN_xiong_765	174	26 UN_xiong_765
Unigene_UN_xiong_823	396	493 UN_xiong_823
Unigene_UN_xiong_13657	129	55 UN_xiong_13657
Unigene_UN_xiong_3882	115	41 UN_xiong_3882
Unigene_UN_xiong_5837	148	25 UN_xiong_5837
Unigene_UN_xiong_9110	109	169 UN_xiong_9110
Unigene_UN_xiong_12561	133	100 UN_xiong_12561
Unigene_UN_xiong_7492	50	49 UN_xiong_7492
Unigene_GP8I43W03GMVTL_xiong	61	316 GP8I43W03GMVTL_xion
Unigene_UN_xiong_9125	104	133 UN_xiong_9125
Unigene_GR6TTJD01A83XQ_xiong	23	132 GR6TTJD01A83XQ_xion
Unigene_UN_xiong_2216	106	104 UN_xiong_2216
Unigene_GP8I43W03GLZN4_xiong	29	22 GP8I43W03GLZN4_xion
Unigene_GP8I43W03FTABU_xiong	53	67 GP8I43W03FTABU_xion
Unigene_UN_xiong_2561	46	49 UN_xiong_2561
Unigene_UN_xiong_11196	273	19628 UN_xiong_11196
Unigene_UN_xiong_5478	65	70 UN_xiong_5478
Unigene_GPGRCDD02IDOGW_xiong	24	108 GPGRCDD02IDOGW_xion

Unigene_UN_xiong_8753	69	29 UN_xiong_8753
Unigene_GP8I43W03GHUUC_xiong	27	26 GP8I43W03GHUUC_xion
Unigene_UN_xiong_14438	2105	2102 UN_xiong_14438
Unigene_GR6TTJD01BHQZE_xiong	22	45 GR6TTJD01BHQZE_xion
Unigene_GPGRCDD02F1Q6Z_xiong	32	32 GPGRCDD02F1Q6Z_xion
Unigene_UN_xiong_7675	90	408 UN_xiong_7675
Unigene_UN_xiong_6270	165	457 UN_xiong_6270
Unigene_GR6TTJD01AQ3AN_xiong	79	28 GR6TTJD01AQ3AN_xion
Unigene_UN_xiong_1056	81	451 UN_xiong_1056
Unigene_UN_xiong_13752	84	54 UN_xiong_13752
Unigene_UN_xiong_4601	51	63 UN_xiong_4601
Unigene_UN_xiong_5823	277	28 UN_xiong_5823
Unigene_UN_xiong_1801	254	196 UN_xiong_1801
Unigene_GPGRCDD02IKOJZ_xiong	26	27 GPGRCDD02IKOJZ_xion
Unigene_UN_xiong_389	308	51 UN_xiong_389
Unigene_GR6TTJD01AEA0J_xiong	78	54 GR6TTJD01AEA0J_xion
Unigene_UN_xiong_2461	98	82 UN_xiong_2461
Unigene_UN_xiong_9942	43	24 UN_xiong_9942
Unigene_UN_xiong_726	188	100 UN_xiong_726
Unigene_GP8I43W03FYL6W_xiong	45	45 GP8I43W03FYL6W_xion
Unigene_UN_xiong_7757	98	89 UN_xiong_7757
Unigene_UN_xiong_8308	79	102 UN_xiong_8308
Unigene_UN_xiong_3627	79	176 UN_xiong_3627
Unigene_GPGRCDD02F0FU5_xiong	27	31 GPGRCDD02F0FU5_xion
Unigene_UN_xiong_5333	135	124 UN_xiong_5333
Unigene_UN_xiong_942	246	115 UN_xiong_942
Unigene_UN_xiong_4355	133	53 UN_xiong_4355
Unigene_UN_xiong_13465	323	140 UN_xiong_13465
Unigene_GR6TTJD01BTNQA_xiong	29	46 GR6TTJD01BTNQA_xion
Unigene_UN_xiong_3826	101	372 UN_xiong_3826
Unigene_UN_xiong_183	111	59 UN_xiong_183
Unigene_GPGRCDD02GDHPW_xiong	23	41 GPGRCDD02GDHPW_xion
Unigene_UN_xiong_8081	111	90 UN_xiong_8081
Unigene_UN_xiong_5109	377	391 UN_xiong_5109
Unigene_UN_xiong_14932	1037	1185 UN_xiong_14932
Unigene_GP8I43W03F7YB6_xiong	52	92 GP8I43W03F7YB6_xion
Unigene_UN_xiong_4704	87	40 UN_xiong_4704
Unigene_UN_xiong_7164	203	10946 UN_xiong_7164
Unigene_UN_xiong_848	200	104 UN_xiong_848
Unigene_UN_xiong_4628	272	243 UN_xiong_4628
Unigene_UN_xiong_7051	77	397 UN_xiong_7051
Unigene_GR6TTJD01A8196_xiong	29	186 GR6TTJD01A8196_xion
Unigene_UN_xiong_11550	206	47 UN_xiong_11550
Unigene_GP8I43W03GCZHI_xiong	27	30 GP8I43W03GCZHI_xion
Unigene_UN_xiong_6118	52	48 UN_xiong_6118
Unigene_UN_xiong_3420	490	599 UN_xiong_3420
Unigene_UN_xiong_4695	40	57 UN_xiong_4695
Unigene_UN_xiong_7337	55	21 UN_xiong_7337
Unigene_UN_xiong_12962	59	113 UN_xiong_12962
Unigene_UN_xiong_4291	340	445 UN_xiong_4291

Unigene_UN_xiong_14286	799	401 UN_xiong_14286
Unigene_GPGRCD02HZ5X4_xiong	25	182 GPGRCD02HZ5X4_xion
Unigene_UN_xiong_10981	83	208 UN_xiong_10981
Unigene_UN_xiong_537	175	463 UN_xiong_537
Unigene_UN_xiong_11987	43	42 UN_xiong_11987
Unigene_UN_xiong_4436	925	275 UN_xiong_4436
Unigene_UN_xiong_5198	62	90 UN_xiong_5198
Unigene_UN_xiong_914	227	54 UN_xiong_914
Unigene_GPGRCD02H4FA0_xiong	31	32 GPGRCD02H4FA0_xion
Unigene_UN_xiong_2137	63	46 UN_xiong_2137
Unigene_UN_xiong_734	175	72 UN_xiong_734
Unigene_UN_xiong_889	220	177 UN_xiong_889
Unigene_UN_xiong_3114	309	1994 UN_xiong_3114
Unigene_UN_xiong_13271	67	33 UN_xiong_13271
Unigene_GR6TTJD01AWGKE_xiong	40	44 GR6TTJD01AWGKE_xion
Unigene_UN_xiong_11119	60	89 UN_xiong_11119
Unigene_UN_xiong_714	167	99 UN_xiong_714
Unigene_UN_xiong_11932	109	377 UN_xiong_11932
Unigene_UN_xiong_1206	158	204 UN_xiong_1206
Unigene_UN_xiong_4186	351	154 UN_xiong_4186
Unigene_UN_xiong_2542	71	41 UN_xiong_2542
Unigene_UN_xiong_2606	153	233 UN_xiong_2606
Unigene_UN_xiong_6062	78	64 UN_xiong_6062
Unigene_UN_xiong_2049	108	363 UN_xiong_2049
Unigene_UN_xiong_13344	188	257 UN_xiong_13344
Unigene_UN_xiong_2475	219	301 UN_xiong_2475
Unigene_UN_xiong_1121	58	73 UN_xiong_1121
Unigene_UN_xiong_15293	184	54 UN_xiong_15293
Unigene_GR6TTJD01ARJGV_xiong	41	97 GR6TTJD01ARJGV_xion
Unigene_UN_xiong_14357	134	159 UN_xiong_14357
Unigene_GR6TTJD01AOWZM_xiong	32	23 GR6TTJD01AOWZM_xion
Unigene_GR6TTJD01ARKCM_xiong	28	175 GR6TTJD01ARKCM_xion
Unigene_UN_xiong_9158	103	167 UN_xiong_9158
Unigene_UN_xiong_9527	86	44 UN_xiong_9527
Unigene_UN_xiong_5903	344	58 UN_xiong_5903
Unigene_UN_xiong_12462	207	75 UN_xiong_12462
Unigene_UN_xiong_85	93	33 UN_xiong_85
Unigene_UN_xiong_5243	68	170 UN_xiong_5243
Unigene_GP8I43W03HEOC3_xiong	44	274 GP8I43W03HEOC3_xion
Unigene_UN_xiong_5253	78	258 UN_xiong_5253
Unigene_UN_xiong_3440	152	176 UN_xiong_3440
Unigene_UN_xiong_6978	972	700 UN_xiong_6978
Unigene_UN_xiong_14170	163	59 UN_xiong_14170
Unigene_UN_xiong_13883	582	137 UN_xiong_13883
Unigene_GR6TTJD01A6BFO_xiong	29	55 GR6TTJD01A6BFO_xion
Unigene_GR6TTJD01AMMV1_xiong	25	154 GR6TTJD01AMMV1_xion
Unigene_UN_xiong_12066	117	93 UN_xiong_12066
Unigene_UN_xiong_401	168	272 UN_xiong_401
Unigene_UN_xiong_11757	117	25 UN_xiong_11757
Unigene_UN_xiong_7652	147	50 UN_xiong_7652

Unigene_GPGRCD02J0BJ2_xiong	41	39 GPGRCD02J0BJ2_xion
Unigene_UN_xiong_9501	90	108 UN_xiong_9501
Unigene_UN_xiong_14895	377	109 UN_xiong_14895
Unigene_UN_xiong_5436	48	20 UN_xiong_5436
Unigene_UN_xiong_9088	88	273 UN_xiong_9088
Unigene_UN_xiong_14924	1396	559 UN_xiong_14924
Unigene_UN_xiong_9997	161	122 UN_xiong_9997
Unigene_GR6TTJD01B27VG_xiong	28	61 GR6TTJD01B27VG_xion
Unigene_UN_xiong_14686	97	28 UN_xiong_14686
Unigene_UN_xiong_14405	192	45 UN_xiong_14405
Unigene_UN_xiong_4469	47	104 UN_xiong_4469
Unigene_UN_xiong_14638	135	254 UN_xiong_14638
Unigene_UN_xiong_12998	217	34 UN_xiong_12998
Unigene_UN_xiong_1173	87	20 UN_xiong_1173
Unigene_UN_xiong_990	138	63 UN_xiong_990
Unigene_UN_xiong_10412	74	105 UN_xiong_10412
Unigene_UN_xiong_2248	463	1949 UN_xiong_2248
Unigene_GPGRCD02HPKJ0_xiong	25	24 GPGRCD02HPKJ0_xion
Unigene_UN_xiong_9876	160	68 UN_xiong_9876
Unigene_UN_xiong_11723	105	306 UN_xiong_11723
Unigene_UN_xiong_5444	131	135 UN_xiong_5444
Unigene_GR6TTJD01AYBT3_xiong	23	44 GR6TTJD01AYBT3_xion
Unigene_UN_xiong_2105	276	612 UN_xiong_2105
Unigene_UN_xiong_7740	96	30 UN_xiong_7740
Unigene_UN_xiong_1994	142	56 UN_xiong_1994
Unigene_UN_xiong_1436	681	545 UN_xiong_1436
Unigene_UN_xiong_10111	155	154 UN_xiong_10111
Unigene_UN_xiong_5777	814	366 UN_xiong_5777
Unigene_UN_xiong_3047	594	187 UN_xiong_3047
Unigene_UN_xiong_2430	51	25 UN_xiong_2430
Unigene_UN_xiong_14320	260	172 UN_xiong_14320
Unigene_UN_xiong_4423	108	109 UN_xiong_4423
Unigene_GP8I43W03GVNF2_xiong	34	34 GP8I43W03GVNF2_xion
Unigene_UN_xiong_1358	191	68 UN_xiong_1358
Unigene_UN_xiong_8531	58	103 UN_xiong_8531
Unigene_UN_xiong_12936	168	233 UN_xiong_12936
Unigene_GPGRCD02H62GC_xiong	31	2315 GPGRCD02H62GC_xion
Unigene_UN_xiong_14326	950	1315 UN_xiong_14326
Unigene_GR6TTJD01AY58D_xiong	22	45 GR6TTJD01AY58D_xion
Unigene_UN_xiong_5545	451	1844 UN_xiong_5545
Unigene_UN_xiong_2788	248	262 UN_xiong_2788
Unigene_UN_xiong_13417	138	281 UN_xiong_13417
Unigene_GP8I43W03F2GCU_xiong	34	123 GP8I43W03F2GCU_xion
Unigene_GR6TTJD01BY0CP_xiong	32	26 GR6TTJD01BY0CP_xion
Unigene_UN_xiong_12005	53	90 UN_xiong_12005
Unigene_GPGRCD02GX3FC_xiong	39	29 GPGRCD02GX3FC_xion
Unigene_UN_xiong_5588	49	70 UN_xiong_5588
Unigene_UN_xiong_9970	89	98 UN_xiong_9970
Unigene_UN_xiong_10438	136	51 UN_xiong_10438
Unigene_GR6TTJD01B9E2N_xiong	33	49 GR6TTJD01B9E2N_xion

Unigene_UN_xiong_12728	110	59 UN_xiong_12728
Unigene_GPGRCD02I3IPZ_xiong	93	38 GPGRCD02I3IPZ_xion
Unigene_UN_xiong_3000	147	54 UN_xiong_3000
Unigene_UN_xiong_11751	44	104 UN_xiong_11751
Unigene_UN_xiong_1942	282	826 UN_xiong_1942
Unigene_UN_xiong_1565	179	305 UN_xiong_1565
Unigene_UN_xiong_4523	70	62 UN_xiong_4523
Unigene_UN_xiong_15715	366	152 UN_xiong_15715
Unigene_UN_xiong_14274	616	164 UN_xiong_14274
Unigene_UN_xiong_1873	100	50 UN_xiong_1873
Unigene_UN_xiong_14213	201	55 UN_xiong_14213
Unigene_UN_xiong_6861	55	495 UN_xiong_6861
Unigene_UN_xiong_10831	42	27 UN_xiong_10831
Unigene_GR6TTJD01BH8GB_xiong	27	50 GR6TTJD01BH8GB_xion
Unigene_UN_xiong_13804	54	47 UN_xiong_13804
Unigene_UN_xiong_1131	59	37 UN_xiong_1131
Unigene_GR6TTJD01B74MY_xiong	35	35 GR6TTJD01B74MY_xion
Unigene_UN_xiong_4159	47	117 UN_xiong_4159
Unigene_UN_xiong_6027	319	84 UN_xiong_6027
Unigene_UN_xiong_10069	399	357 UN_xiong_10069
Unigene_UN_xiong_13709	122	79 UN_xiong_13709
Unigene_UN_xiong_3941	304	23 UN_xiong_3941
Unigene_UN_xiong_6229	62	31 UN_xiong_6229
Unigene_GR6TTJD01AF600_xiong	21	21 GR6TTJD01AF600_xion
Unigene_UN_xiong_13056	54	38 UN_xiong_13056
Unigene_UN_xiong_12706	174	1269 UN_xiong_12706
Unigene_UN_xiong_6842	88	44 UN_xiong_6842
Unigene_UN_xiong_13450	172	197 UN_xiong_13450
Unigene_UN_xiong_4166	51	25 UN_xiong_4166
Unigene_UN_xiong_256	1100	476 UN_xiong_256
Unigene_UN_xiong_14208	1351	2697 UN_xiong_14208
Unigene_UN_xiong_6513	645	191 UN_xiong_6513
Unigene_GR6TTJD01A21CW_xiong	37	32 GR6TTJD01A21CW_xion
Unigene_GPGRCD02FWLOS_xiong	46	41 GPGRCD02FWLOS_xion
Unigene_GPGRCD02IHCYL_xiong	44	74 GPGRCD02IHCYL_xion
Unigene_GR6TTJD01BT215_xiong	24	33 GR6TTJD01BT215_xion
Unigene_UN_xiong_2803	118	690 UN_xiong_2803
Unigene_UN_xiong_9698	287	381 UN_xiong_9698
Unigene_GP8I43W03GY9FI_xiong	53	28 GP8I43W03GY9FI_xion
Unigene_GR6TTJD01AEHAH_xiong	30	30 GR6TTJD01AEHAH_xion
Unigene_GR6TTJD01BUUPV_xiong	42	40 GR6TTJD01BUUPV_xion
Unigene_GPGRCD02HBR57_xiong	26	66 GPGRCD02HBR57_xion
Unigene_GPGRCD02IRM8G_xiong	30	26 GPGRCD02IRM8G_xion
Unigene_GPGRCD02GV2HV_xiong	53	53 GPGRCD02GV2HV_xion
Unigene_GPGRCD02GBMIE_xiong	23	28 GPGRCD02GBMIE_xion
Unigene_GPGRCD02G4EE7_xiong	110	117 GPGRCD02G4EE7_xion
Unigene_GPGRCD02JTFEW_xiong	66	154 GPGRCD02JTFEW_xion
Unigene_UN_xiong_14797	435	147 UN_xiong_14797
Unigene_UN_xiong_651	57	53 UN_xiong_651
Unigene_UN_xiong_14687	385	454 UN_xiong_14687

Unigene_UN_xiong_11569	241	110 UN_xiong_11569
Unigene_UN_xiong_437	536	268 UN_xiong_437
Unigene_GP8I43W03HFP8_xiong	31	69 GP8I43W03HFP8_xion
Unigene_UN_xiong_1475	40	65 UN_xiong_1475
Unigene_UN_xiong_12637	69	78 UN_xiong_12637
Unigene_UN_xiong_11178	120	193 UN_xiong_11178
Unigene_GP8I43W03HDCAG_xiong	44	41 GP8I43W03HDCAG_xion
Unigene_UN_xiong_14780	354	384 UN_xiong_14780
Unigene_GR6TTJD01BXF3R_xiong	38	26 GR6TTJD01BXF3R_xion
Unigene_UN_xiong_14383	447	175 UN_xiong_14383
Unigene_UN_xiong_13957	78	76 UN_xiong_13957
Unigene_UN_xiong_1308	125	102 UN_xiong_1308
Unigene_UN_xiong_4136	92	320 UN_xiong_4136
Unigene_UN_xiong_2996	274	337 UN_xiong_2996
Unigene_UN_xiong_14835	328	1170 UN_xiong_14835
Unigene_UN_xiong_9276	67	35 UN_xiong_9276
Unigene_GR6TTJD01AKA50_xiong	43	29 GR6TTJD01AKA50_xion
Unigene_UN_xiong_8735	69	74 UN_xiong_8735
Unigene_UN_xiong_1926	134	104 UN_xiong_1926
Unigene_UN_xiong_11877	80	36 UN_xiong_11877
Unigene_UN_xiong_10808	108	122 UN_xiong_10808
Unigene_UN_xiong_14521	222	116 UN_xiong_14521
Unigene_UN_xiong_3132	59	79 UN_xiong_3132
Unigene_UN_xiong_1507	89	66 UN_xiong_1507
Unigene_UN_xiong_14395	1243	95 UN_xiong_14395
Unigene_UN_xiong_14988	137	192 UN_xiong_14988
Unigene_UN_xiong_6353	83	27 UN_xiong_6353
Unigene_UN_xiong_8834	47	223 UN_xiong_8834
Unigene_GR6TTJD01B00VV_xiong	47	137 GR6TTJD01B00VV_xion
Unigene_UN_xiong_10353	276	82 UN_xiong_10353
Unigene_UN_xiong_5976	38	34 UN_xiong_5976
Unigene_UN_xiong_1987	283	5118 UN_xiong_1987
Unigene_UN_xiong_9761	781	990 UN_xiong_9761
Unigene_UN_xiong_6096	85	21 UN_xiong_6096
Unigene_UN_xiong_8596	168	182 UN_xiong_8596
Unigene_UN_xiong_758	385	68 UN_xiong_758
Unigene_UN_xiong_14737	367	504 UN_xiong_14737
Unigene_UN_xiong_5225	65	47 UN_xiong_5225
Unigene_UN_xiong_4837	88	22 UN_xiong_4837
Unigene_GPGRCD02I9SVP_xiong	33	61 GPGRCD02I9SVP_xion
Unigene_UN_xiong_4039	192	886 UN_xiong_4039
Unigene_UN_xiong_10901	194	105 UN_xiong_10901
Unigene_GPGRCD02GMUC4_xiong	28	24 GPGRCD02GMUC4_xion
Unigene_UN_xiong_6938	810	66 UN_xiong_6938
Unigene_UN_xiong_5548	46	58 UN_xiong_5548
Unigene_UN_xiong_11488	68	78 UN_xiong_11488
Unigene_UN_xiong_5591	184	46 UN_xiong_5591
Unigene_UN_xiong_2634	59	23 UN_xiong_2634
Unigene_UN_xiong_8448	58	28 UN_xiong_8448
Unigene_GP8I43W03GY816_xiong	21	27 GP8I43W03GY816_xion

Unigene_UN_xiong_5498	102	29 UN_xiong_5498
Unigene_UN_xiong_1652	103	141 UN_xiong_1652
Unigene_UN_xiong_12425	136	70 UN_xiong_12425
Unigene_UN_xiong_12626	93	63 UN_xiong_12626
Unigene_GP8I43W03F0NU9_xiong	29	145 GP8I43W03F0NU9_xion
Unigene_GR6TTJD01A8Y25_xiong	39	74 GR6TTJD01A8Y25_xion
Unigene_UN_xiong_6037	155	65 UN_xiong_6037
Unigene_GR6TTJD01AU2SM_xiong	40	41 GR6TTJD01AU2SM_xion
Unigene_UN_xiong_12115	243	1345 UN_xiong_12115
Unigene_GR6TTJD01B77WA_xiong	23	180 GR6TTJD01B77WA_xion
Unigene_UN_xiong_4244	236	245 UN_xiong_4244
Unigene_UN_xiong_12942	71	189 UN_xiong_12942
Unigene_UN_xiong_2038	104	27 UN_xiong_2038
Unigene_UN_xiong_2317	2928	2498 UN_xiong_2317
Unigene_UN_xiong_7071	73	24 UN_xiong_7071
Unigene_UN_xiong_2503	110	33 UN_xiong_2503
Unigene_UN_xiong_9563	44	76 UN_xiong_9563
Unigene_UN_xiong_5179	51	426 UN_xiong_5179
Unigene_UN_xiong_2226	216	186 UN_xiong_2226
Unigene_UN_xiong_2186	418	838 UN_xiong_2186
Unigene_UN_xiong_8554	53	36 UN_xiong_8554
Unigene_UN_xiong_15511	719	1473 UN_xiong_15511
Unigene_GR6TTJD01A1SH0_xiong	33	44 GR6TTJD01A1SH0_xion
Unigene_UN_xiong_15361	290	205 UN_xiong_15361
Unigene_UN_xiong_5808	170	89 UN_xiong_5808
Unigene_GP8I43W03GB1M2_xiong	57	51 GP8I43W03GB1M2_xion
Unigene_UN_xiong_4032	153	372 UN_xiong_4032
Unigene_GPGRCDD02IE2WY_xiong	26	26 GPGRCDD02IE2WY_xion
Unigene_GR6TTJD01AFXT9_xiong	61	55 GR6TTJD01AFXT9_xion
Unigene_UN_xiong_194	2025	549 UN_xiong_194
Unigene_GR6TTJD01CB0MT_xiong	52	100 GR6TTJD01CB0MT_xion
Unigene_UN_xiong_9229	238	366 UN_xiong_9229
Unigene_UN_xiong_12865	45	53 UN_xiong_12865
Unigene_UN_xiong_14666	185	169 UN_xiong_14666
Unigene_UN_xiong_1283	63	70 UN_xiong_1283
Unigene_UN_xiong_1077	106	34 UN_xiong_1077
Unigene_GR6TTJD01BMHT8_xiong	41	66 GR6TTJD01BMHT8_xion
Unigene_UN_xiong_9137	112	26 UN_xiong_9137
Unigene_UN_xiong_11123	63	32 UN_xiong_11123
Unigene_UN_xiong_14332	128	304 UN_xiong_14332
Unigene_UN_xiong_5718	133	62 UN_xiong_5718
Unigene_UN_xiong_2199	165	807 UN_xiong_2199
Unigene_UN_xiong_11463	49	79 UN_xiong_11463
Unigene_UN_xiong_10815	687	108 UN_xiong_10815
Unigene_UN_xiong_5059	72	195 UN_xiong_5059
Unigene_GR6TTJD01BXLPEP_xiong	42	26 GR6TTJD01BXLPEP_xion
Unigene_GR6TTJD01CBAEC_xiong	21	42 GR6TTJD01CBAEC_xion
Unigene_UN_xiong_9483	85	653 UN_xiong_9483
Unigene_UN_xiong_5761	140	446 UN_xiong_5761
Unigene_UN_xiong_14658	392	1433 UN_xiong_14658

Unigene_UN_xiong_14883	304	172 UN_xiong_14883
Unigene_UN_xiong_1415	67	62 UN_xiong_1415
Unigene_UN_xiong_10747	139	96 UN_xiong_10747
Unigene_UN_xiong_14812	1115	852 UN_xiong_14812
Unigene_UN_xiong_3968	433	344 UN_xiong_3968
Unigene_UN_xiong_4865	259	188 UN_xiong_4865
Unigene_UN_xiong_2485	52	1222 UN_xiong_2485
Unigene_GR6TTJD01B9N04_xiong	29	67 GR6TTJD01B9N04_xion
Unigene_UN_xiong_11934	61	80 UN_xiong_11934
Unigene_GR6TTJD01B9ZM5_xiong	43	63 GR6TTJD01B9ZM5_xion
Unigene_UN_xiong_3507	155	40 UN_xiong_3507
Unigene_UN_xiong_14844	172	302 UN_xiong_14844
Unigene_UN_xiong_10717	51	186 UN_xiong_10717
Unigene_UN_xiong_3033	1765	1111 UN_xiong_3033
Unigene_UN_xiong_6298	133	48 UN_xiong_6298
Unigene_UN_xiong_3128	320	2409 UN_xiong_3128
Unigene_UN_xiong_387	426	617 UN_xiong_387
Unigene_UN_xiong_5977	312	513 UN_xiong_5977
Unigene_UN_xiong_14080	75	436 UN_xiong_14080
Unigene_GR6TTJD01AWIMR_xiong	26	57 GR6TTJD01AWIMR_xion
Unigene_GPGRCD02I83Z3_xiong	23	28 GPGRCD02I83Z3_xion
Unigene_GPGRCD02HMYJS_xiong	37	39 GPGRCD02HMYJS_xion
Unigene_UN_xiong_5097	43	27 UN_xiong_5097
Unigene_GR6TTJD01AT98W_xiong	30	38 GR6TTJD01AT98W_xion
Unigene_UN_xiong_14307	839	2621 UN_xiong_14307
Unigene_UN_xiong_1826	171	258 UN_xiong_1826
Unigene_UN_xiong_10983	77	43 UN_xiong_10983
Unigene_UN_xiong_7138	441	398 UN_xiong_7138
Unigene_UN_xiong_5575	205	128 UN_xiong_5575
Unigene_UN_xiong_14678	65	41 UN_xiong_14678
Unigene_UN_xiong_9694	89	389 UN_xiong_9694
Unigene_UN_xiong_12351	152	95 UN_xiong_12351
Unigene_GPGRCD02IL1VA_xiong	75	367 GPGRCD02IL1VA_xion
Unigene_UN_xiong_9571	184	77 UN_xiong_9571
Unigene_UN_xiong_2905	690	984 UN_xiong_2905
Unigene_GPGRCD02ITM02_xiong	41	164 GPGRCD02ITM02_xion
Unigene_GPGRCD02IOLU3_xiong	20	26 GPGRCD02IOLU3_xion
Unigene_GPGRCD02FLZQG_xiong	36	135 GPGRCD02FLZQG_xion
Unigene_GR6TTJD01BZR9D_xiong	45	42 GR6TTJD01BZR9D_xion
Unigene_UN_xiong_4589	55	25 UN_xiong_4589
Unigene_GP8I43W03GULZR_xiong	30	138 GP8I43W03GULZR_xion
Unigene_UN_xiong_14837	298	70 UN_xiong_14837
Unigene_UN_xiong_4600	88	218 UN_xiong_4600
Unigene_UN_xiong_5959	234	21 UN_xiong_5959
Unigene_GP8I43W03GY7GB_xiong	29	86 GP8I43W03GY7GB_xion
Unigene_UN_xiong_13626	62	305 UN_xiong_13626
Unigene_UN_xiong_2021	182	58 UN_xiong_2021
Unigene_UN_xiong_2520	1151	1044 UN_xiong_2520
Unigene_UN_xiong_11842	102	115 UN_xiong_11842
Unigene_UN_xiong_14872	90	76 UN_xiong_14872

Unigene_UN_xiong_3158	151	36 UN_xiong_3158
Unigene_UN_xiong_14366	214	375 UN_xiong_14366
Unigene_UN_xiong_15789	182	279 UN_xiong_15789
Unigene_UN_xiong_14665	1757	1058 UN_xiong_14665
Unigene_UN_xiong_5740	88	209 UN_xiong_5740
Unigene_GR6TTJD01AFI5D_xiong	29	85 GR6TTJD01AFI5D_xion
Unigene_UN_xiong_9232	192	465 UN_xiong_9232
Unigene_UN_xiong_4649	131	66 UN_xiong_4649
Unigene_GP8I43W03G5DI9_xiong	51	542 GP8I43W03G5DI9_xion
Unigene_GP8I43W03GROS9_xiong	38	36 GP8I43W03GROS9_xion
Unigene_UN_xiong_3265	318	1130 UN_xiong_3265
Unigene_UN_xiong_11408	143	76 UN_xiong_11408
Unigene_UN_xiong_4115	107	145 UN_xiong_4115
Unigene_UN_xiong_7019	154	78 UN_xiong_7019
Unigene_UN_xiong_14255	205	93 UN_xiong_14255
Unigene_UN_xiong_12012	95	222 UN_xiong_12012
Unigene_UN_xiong_223	195	105 UN_xiong_223
Unigene_GPGRCDD02HODBB_xiong	68	60 GPGRCDD02HODBB_xion
Unigene_UN_xiong_15045	3603	576 UN_xiong_15045
Unigene_UN_xiong_7476	194	525 UN_xiong_7476
Unigene_UN_xiong_327	143	91 UN_xiong_327
Unigene_UN_xiong_5287	108	5966 UN_xiong_5287
Unigene_UN_xiong_15334	419	629 UN_xiong_15334
Unigene_UN_xiong_539	115	23 UN_xiong_539
Unigene_UN_xiong_2596	90	30 UN_xiong_2596
Unigene_UN_xiong_11475	226	496 UN_xiong_11475
Unigene_UN_xiong_3778	145	67 UN_xiong_3778
Unigene_GR6TTJD01A94E7_xiong	71	46 GR6TTJD01A94E7_xion
Unigene_UN_xiong_15243	3729	595 UN_xiong_15243
Unigene_GR6TTJD01BD06K_xiong	41	265 GR6TTJD01BD06K_xion
Unigene_GR6TTJD01AES4K_xiong	45	47 GR6TTJD01AES4K_xion
Unigene_GR6TTJD01BTKNE_xiong	22	82 GR6TTJD01BTKNE_xion
Unigene_UN_xiong_14834	215	321 UN_xiong_14834
Unigene_UN_xiong_7125	91	38 UN_xiong_7125
Unigene_UN_xiong_11449	219	84 UN_xiong_11449
Unigene_GR6TTJD01AW00K_xiong	26	25 GR6TTJD01AW00K_xion
Unigene_UN_xiong_6441	176	536 UN_xiong_6441
Unigene_UN_xiong_11041	172	145 UN_xiong_11041
Unigene_UN_xiong_973	154	57 UN_xiong_973
Unigene_UN_xiong_15	66	214 UN_xiong_15
Unigene_UN_xiong_3053	63	167 UN_xiong_3053
Unigene_UN_xiong_10608	183	62 UN_xiong_10608
Unigene_UN_xiong_2422	46	200 UN_xiong_2422
Unigene_UN_xiong_15778	70	51 UN_xiong_15778
Unigene_UN_xiong_7681	40	71 UN_xiong_7681
Unigene_UN_xiong_12491	366	189 UN_xiong_12491
Unigene_UN_xiong_9366	38	121 UN_xiong_9366
Unigene_UN_xiong_11245	189	37 UN_xiong_11245
Unigene_UN_xiong_10595	131	144 UN_xiong_10595
Unigene_UN_xiong_13671	64	25 UN_xiong_13671

Unigene_GPGRCD02IBL8U_xiong	34	104 GPGRCD02IBL8U_xion
Unigene_UN_xiong_4390	75	47 UN_xiong_4390
Unigene_UN_xiong_3557	62	1066 UN_xiong_3557
Unigene_GP8I43W03GYMPF_xiong	26	98 GP8I43W03GYMPF_xion
Unigene_UN_xiong_14516	412	314 UN_xiong_14516
Unigene_UN_xiong_5331	32	62 UN_xiong_5331
Unigene_GR6TTJD01AKDCK_xiong	45	98 GR6TTJD01AKDCK_xion
Unigene_GR6TTJD01AH67A_xiong	26	69 GR6TTJD01AH67A_xion
Unigene_UN_xiong_2576	77	574 UN_xiong_2576
Unigene_GPGRCD02JUJYD_xiong	33	50 GPGRCD02JUJYD_xion
Unigene_UN_xiong_4257	93	66 UN_xiong_4257
Unigene_UN_xiong_3155	207	406 UN_xiong_3155
Unigene_UN_xiong_2484	556	286 UN_xiong_2484
Unigene_GP8I43W03FS6NH_xiong	76	242 GP8I43W03FS6NH_xion
Unigene_UN_xiong_14727	1181	649 UN_xiong_14727
Unigene_GPGRCD02H5HFJ_xiong	29	101 GPGRCD02H5HFJ_xion
Unigene_UN_xiong_7586	212	543 UN_xiong_7586
Unigene_UN_xiong_14509	3681	754 UN_xiong_14509
Unigene_UN_xiong_1736	41	333 UN_xiong_1736
Unigene_UN_xiong_7527	637	312 UN_xiong_7527
Unigene_UN_xiong_10833	201	400 UN_xiong_10833
Unigene_UN_xiong_11095	33	446 UN_xiong_11095
Unigene_GPGRCD02JWP03_xiong	35	77 GPGRCD02JWP03_xion
Unigene_GP8I43W03GEAYN_xiong	27	78 GP8I43W03GEAYN_xion
Unigene_UN_xiong_6273	299	1811 UN_xiong_6273
Unigene_UN_xiong_398	83	39 UN_xiong_398
Unigene_UN_xiong_14060	361	37 UN_xiong_14060
Unigene_UN_xiong_9784	92	25 UN_xiong_9784
Unigene_GPGRCD02JZYSI_xiong	98	83 GPGRCD02JZYSI_xion
Unigene_UN_xiong_10677	90	29 UN_xiong_10677
Unigene_GR6TTJD01AJ51R_xiong	39	92 GR6TTJD01AJ51R_xion
Unigene_UN_xiong_8056	185	631 UN_xiong_8056
Unigene_GR6TTJD01BJV0X_xiong	57	62 GR6TTJD01BJV0X_xion
Unigene_UN_xiong_55	236	313 UN_xiong_55
Unigene_UN_xiong_3860	157	44 UN_xiong_3860
Unigene_UN_xiong_12775	52	106 UN_xiong_12775
Unigene_UN_xiong_5248	245	175 UN_xiong_5248
Unigene_UN_xiong_2780	104	180 UN_xiong_2780
Unigene_UN_xiong_1215	229	89 UN_xiong_1215
Unigene_UN_xiong_12184	211	42 UN_xiong_12184
Unigene_UN_xiong_7836	65	31 UN_xiong_7836
Unigene_UN_xiong_2765	346	43 UN_xiong_2765
Unigene_GR6TTJD01A9TCM_xiong	24	34 GR6TTJD01A9TCM_xion
Unigene_UN_xiong_4161	205	72 UN_xiong_4161
Unigene_GP8I43W03F94VR_xiong	32	63 GP8I43W03F94VR_xion
Unigene_UN_xiong_15554	1435	1495 UN_xiong_15554
Unigene_UN_xiong_13747	145	61 UN_xiong_13747
Unigene_UN_xiong_8562	50	26 UN_xiong_8562
Unigene_GPGRCD02HSHYZ_xiong	24	40 GPGRCD02HSHYZ_xion
Unigene_UN_xiong_11976	44	157 UN_xiong_11976

Unigene_UN_xiong_6435	167	67 UN_xiong_6435
Unigene_UN_xiong_5268	238	68 UN_xiong_5268
Unigene_GPGRCDD02HPVA7_xiong	48	25 GPGRCDD02HPVA7_xion
Unigene_GP8I43W03F9I3L_xiong	59	41 GP8I43W03F9I3L_xion
Unigene_UN_xiong_8361	59	332 UN_xiong_8361
Unigene_GP8I43W03GCZ8U_xiong	58	56 GP8I43W03GCZ8U_xion
Unigene_GR6TTJD01BKTLD_xiong	33	34 GR6TTJD01BKTLD_xion
Unigene_GPGRCDD02FV490_xiong	31	30 GPGRCDD02FV490_xion
Unigene_GR6TTJD01BOFFM_xiong	41	28 GR6TTJD01BOFFM_xion
Unigene_UN_xiong_2698	273	235 UN_xiong_2698
Unigene_UN_xiong_8484	190	95 UN_xiong_8484
Unigene_UN_xiong_1057	122	153 UN_xiong_1057
Unigene_UN_xiong_3629	52	64 UN_xiong_3629
Unigene_UN_xiong_3977	43	51 UN_xiong_3977
Unigene_UN_xiong_8601	45	65 UN_xiong_8601
Unigene_GR6TTJD01CDZ4E_xiong	105	226 GR6TTJD01CDZ4E_xion
Unigene_UN_xiong_2856	138	57 UN_xiong_2856
Unigene_UN_xiong_9555	145	282 UN_xiong_9555
Unigene_UN_xiong_1813	42	68 UN_xiong_1813
Unigene_UN_xiong_7097	522	57 UN_xiong_7097
Unigene_UN_xiong_3309	104	69 UN_xiong_3309
Unigene_UN_xiong_13950	76	30 UN_xiong_13950
Unigene_UN_xiong_3911	82	306 UN_xiong_3911
Unigene_UN_xiong_4247	156	481 UN_xiong_4247
Unigene_UN_xiong_8884	165	356 UN_xiong_8884
Unigene_UN_xiong_4755	70	27 UN_xiong_4755
Unigene_UN_xiong_6172	84	78 UN_xiong_6172
Unigene_GR6TTJD01A00EL_xiong	31	123 GR6TTJD01A00EL_xion
Unigene_UN_xiong_3999	287	132 UN_xiong_3999
Unigene_UN_xiong_7079	271	130 UN_xiong_7079
Unigene_GPGRCDD02GVALW_xiong	52	28 GPGRCDD02GVALW_xion
Unigene_UN_xiong_5314	133	141 UN_xiong_5314
Unigene_GPGRCDD02J2X54_xiong	31	28 GPGRCDD02J2X54_xion
Unigene_UN_xiong_1141	193	91 UN_xiong_1141
Unigene_UN_xiong_2168	430	173 UN_xiong_2168
Unigene_UN_xiong_13985	53	48 UN_xiong_13985
Unigene_UN_xiong_14247	405	102 UN_xiong_14247
Unigene_UN_xiong_4992	130	91 UN_xiong_4992
Unigene_UN_xiong_11988	134	23 UN_xiong_11988
Unigene_UN_xiong_8021	132	93 UN_xiong_8021
Unigene_UN_xiong_14279	1022	149 UN_xiong_14279
Unigene_UN_xiong_14783	2055	1154 UN_xiong_14783
Unigene_UN_xiong_4263	125	44 UN_xiong_4263
Unigene_UN_xiong_14362	266	251 UN_xiong_14362
Unigene_UN_xiong_11794	81	47 UN_xiong_11794
Unigene_UN_xiong_4494	692	447 UN_xiong_4494
Unigene_GPGRCDD02GCG9Y_xiong	164	19 GPGRCDD02GCG9Y_xion
Unigene_UN_xiong_15130	1065	4408 UN_xiong_15130
Unigene_UN_xiong_500	75	22 UN_xiong_500
Unigene_UN_xiong_5912	518	169 UN_xiong_5912

Unigene_UN_xiong_12470	98	235 UN_xiong_12470
Unigene_UN_xiong_8841	61	94 UN_xiong_8841
Unigene_UN_xiong_13661	147	437 UN_xiong_13661
Unigene_UN_xiong_5589	164	682 UN_xiong_5589
Unigene_UN_xiong_4767	107	163 UN_xiong_4767
Unigene_GR6TTJD01A2994_xiong	32	69 GR6TTJD01A2994_xion
Unigene_UN_xiong_4926	126	199 UN_xiong_4926
Unigene_UN_xiong_3490	51	24 UN_xiong_3490
Unigene_UN_xiong_13392	64	87 UN_xiong_13392
Unigene_GPGRCD02I78TS_xiong	55	204 GPGRCD02I78TS_xion
Unigene_UN_xiong_3161	187	255 UN_xiong_3161
Unigene_UN_xiong_14540	351	38 UN_xiong_14540
Unigene_GR6TTJD01B4N7E_xiong	43	84 GR6TTJD01B4N7E_xion
Unigene_UN_xiong_8690	86	62 UN_xiong_8690
Unigene_GR6TTJD01BNHPE_xiong	46	36 GR6TTJD01BNHPE_xion
Unigene_GP8I43W03GGJVD_xiong	48	74 GP8I43W03GGJVD_xion
Unigene_UN_xiong_9679	180	60 UN_xiong_9679
Unigene_UN_xiong_140	144	156 UN_xiong_140
Unigene_UN_xiong_3232	70	53 UN_xiong_3232
Unigene_UN_xiong_6798	71	561 UN_xiong_6798
Unigene_UN_xiong_2320	171	35 UN_xiong_2320
Unigene_GR6TTJD01ALTT4_xiong	37	91 GR6TTJD01ALTT4_xion
Unigene_UN_xiong_11991	72	41 UN_xiong_11991
Unigene_UN_xiong_11572	61	39 UN_xiong_11572
Unigene_GPGRCD02IAGT0_xiong	32	30 GPGRCD02IAGT0_xion
Unigene_UN_xiong_9887	101	26 UN_xiong_9887
Unigene_UN_xiong_12191	33	24 UN_xiong_12191
Unigene_UN_xiong_5387	361	536 UN_xiong_5387
Unigene_UN_xiong_11288	121	197 UN_xiong_11288
Unigene_UN_xiong_4513	79	57 UN_xiong_4513
Unigene_UN_xiong_11823	85	1807 UN_xiong_11823
Unigene_UN_xiong_4280	40	70 UN_xiong_4280
Unigene_UN_xiong_933	47	28 UN_xiong_933
Unigene_UN_xiong_3438	142	62 UN_xiong_3438
Unigene_GPGRCD02FONF6_xiong	45	30 GPGRCD02FONF6_xion
Unigene_UN_xiong_12088	74	334 UN_xiong_12088
Unigene_GR6TTJD01AT2GK_xiong	38	39 GR6TTJD01AT2GK_xion
Unigene_UN_xiong_5549	262	2153 UN_xiong_5549
Unigene_UN_xiong_4819	120	133 UN_xiong_4819
Unigene_GR6TTJD01BOUC9_xiong	24	21 GR6TTJD01BOUC9_xion
Unigene_UN_xiong_8803	129	476 UN_xiong_8803
Unigene_UN_xiong_9662	84	35 UN_xiong_9662
Unigene_UN_xiong_2548	311	53 UN_xiong_2548
Unigene_UN_xiong_5790	31	58 UN_xiong_5790
Unigene_UN_xiong_2411	206	397 UN_xiong_2411
Unigene_UN_xiong_6097	62	50 UN_xiong_6097
Unigene_GPGRCD02IM7JN_xiong	22	780 GPGRCD02IM7JN_xion
Unigene_UN_xiong_4711	202	435 UN_xiong_4711
Unigene_GR6TTJD01AH9KM_xiong	22	22 GR6TTJD01AH9KM_xion
Unigene_UN_xiong_3681	100	498 UN_xiong_3681

Unigene_GP8I43W03GSTN5_xiong	24	45 GP8I43W03GSTN5_xion
Unigene_GP8I43W03GT0L9_xiong	25	21 GP8I43W03GT0L9_xion
Unigene_UN_xiong_4289	280	392 UN_xiong_4289
Unigene_UN_xiong_2278	85	90 UN_xiong_2278
Unigene_UN_xiong_3469	81	137 UN_xiong_3469
Unigene_UN_xiong_369	302	62 UN_xiong_369
Unigene_UN_xiong_14020	136	47 UN_xiong_14020
Unigene_UN_xiong_4038	344	818 UN_xiong_4038
Unigene_UN_xiong_10241	39	183 UN_xiong_10241
Unigene_UN_xiong_3035	77	88 UN_xiong_3035
Unigene_UN_xiong_6694	713	538 UN_xiong_6694
Unigene_UN_xiong_12242	78	3422 UN_xiong_12242
Unigene_GR6TTJD01AF7CM_xiong	42	40 GR6TTJD01AF7CM_xion
Unigene_GPGRCDD02G1ZD3_xiong	41	40 GPGRCDD02G1ZD3_xion
Unigene_UN_xiong_4876	43	100 UN_xiong_4876
Unigene_UN_xiong_11438	43	62 UN_xiong_11438
Unigene_UN_xiong_6572	55	87 UN_xiong_6572
Unigene_UN_xiong_1492	152	214 UN_xiong_1492
Unigene_GPGRCDD02JJCK5_xiong	22	82 GPGRCDD02JJCK5_xion
Unigene_UN_xiong_11907	122	112 UN_xiong_11907
Unigene_UN_xiong_9266	122	228 UN_xiong_9266
Unigene_UN_xiong_13065	105	181 UN_xiong_13065
Unigene_UN_xiong_4348	183	161 UN_xiong_4348
Unigene_UN_xiong_5148	194	271 UN_xiong_5148
Unigene_UN_xiong_1822	141	230 UN_xiong_1822
Unigene_UN_xiong_14271	852	737 UN_xiong_14271
Unigene_GR6TTJD01A0FGW_xiong	29	87 GR6TTJD01A0FGW_xion
Unigene_UN_xiong_2509	270	43 UN_xiong_2509
Unigene_UN_xiong_8922	296	548 UN_xiong_8922
Unigene_UN_xiong_15512	41	45 UN_xiong_15512
Unigene_UN_xiong_14422	546	66 UN_xiong_14422
Unigene_GR6TTJD01BK65C_xiong	33	42 GR6TTJD01BK65C_xion
Unigene_GR6TTJD01AKT8Q_xiong	24	39 GR6TTJD01AKT8Q_xion
Unigene_UN_xiong_7900	192	52 UN_xiong_7900
Unigene_UN_xiong_8994	592	346 UN_xiong_8994
Unigene_GR6TTJD01BV050_xiong	30	32 GR6TTJD01BV050_xion
Unigene_GR6TTJD01AWNSS_xiong	47	34 GR6TTJD01AWNSS_xion
Unigene_UN_xiong_6790	64	240 UN_xiong_6790
Unigene_UN_xiong_15513	41	23 UN_xiong_15513
Unigene_UN_xiong_12945	62	172 UN_xiong_12945
Unigene_UN_xiong_14299	305	166 UN_xiong_14299
Unigene_UN_xiong_14520	779	1509 UN_xiong_14520
Unigene_GPGRCDD02FG340_xiong	34	163 GPGRCDD02FG340_xion
Unigene_UN_xiong_3382	312	222 UN_xiong_3382
Unigene_UN_xiong_6673	145	29 UN_xiong_6673
Unigene_GPGRCDD02FKSTM_xiong	58	63 GPGRCDD02FKSTM_xion
Unigene_GR6TTJD01AHEW1_xiong	22	67 GR6TTJD01AHEW1_xion
Unigene_UN_xiong_14513	314	162 UN_xiong_14513
Unigene_GP8I43W03FQYRR_xiong	47	55 GP8I43W03FQYRR_xion
Unigene_GPGRCDD02HQS0Z_xiong	22	29 GPGRCDD02HQS0Z_xion

Unigene_UN_xiong_7163	143	1148 UN_xiong_7163
Unigene_UN_xiong_2079	59	74 UN_xiong_2079
Unigene_UN_xiong_6145	103	108 UN_xiong_6145
Unigene_UN_xiong_13267	133	120 UN_xiong_13267
Unigene_UN_xiong_10532	90	111 UN_xiong_10532
Unigene_UN_xiong_70	81	62 UN_xiong_70
Unigene_GR6TTJD01AQNEQ_xiong	36	35 GR6TTJD01AQNEQ_xion
Unigene_GPGRCDD02IEJOA_xiong	72	92 GPGRCDD02IEJOA_xion
Unigene_UN_xiong_1113	182	378 UN_xiong_1113
Unigene_UN_xiong_1846	81	104 UN_xiong_1846
Unigene_GR6TTJD01BZKMJ_xiong	22	115 GR6TTJD01BZKMJ_xion
Unigene_UN_xiong_4503	88	28 UN_xiong_4503
Unigene_GPGRCDD02G56A3_xiong	32	55 GPGRCDD02G56A3_xion
Unigene_UN_xiong_641	330	22 UN_xiong_641
Unigene_UN_xiong_3419	244	93 UN_xiong_3419
Unigene_UN_xiong_2261	69	39 UN_xiong_2261
Unigene_GP8I43W03F0KZR_xiong	33	111 GP8I43W03F0KZR_xion
Unigene_UN_xiong_8485	81	35 UN_xiong_8485
Unigene_UN_xiong_9489	74	73 UN_xiong_9489
Unigene_UN_xiong_11125	259	117 UN_xiong_11125
Unigene_UN_xiong_9691	353	28 UN_xiong_9691
Unigene_UN_xiong_1392	352	766 UN_xiong_1392
Unigene_UN_xiong_8320	59	34 UN_xiong_8320
Unigene_UN_xiong_2808	570	423 UN_xiong_2808
Unigene_GR6TTJD01AYDC2_xiong	24	27 GR6TTJD01AYDC2_xion
Unigene_UN_xiong_13147	114	25 UN_xiong_13147
Unigene_UN_xiong_12134	46	197 UN_xiong_12134
Unigene_UN_xiong_11837	223	99 UN_xiong_11837
Unigene_UN_xiong_13044	119	118 UN_xiong_13044
Unigene_UN_xiong_11211	99	127 UN_xiong_11211
Unigene_UN_xiong_1088	60	21 UN_xiong_1088
Unigene_GR6TTJD01AQIA9_xiong	68	72 GR6TTJD01AQIA9_xion
Unigene_UN_xiong_6117	46	36 UN_xiong_6117
Unigene_GR6TTJD01BK35G_xiong	30	102 GR6TTJD01BK35G_xion
Unigene_UN_xiong_1914	156	53 UN_xiong_1914
Unigene_UN_xiong_4135	71	24 UN_xiong_4135
Unigene_UN_xiong_11487	82	153 UN_xiong_11487
Unigene_UN_xiong_11605	89	175 UN_xiong_11605
Unigene_UN_xiong_6113	125	183 UN_xiong_6113
Unigene_GR6TTJD01AGQ05_xiong	32	23 GR6TTJD01AGQ05_xion
Unigene_UN_xiong_11735	60	23 UN_xiong_11735
Unigene_GR6TTJD01A3LMS_xiong	35	100 GR6TTJD01A3LMS_xion
Unigene_GR6TTJD01BZCX1_xiong	31	29 GR6TTJD01BZCX1_xion
Unigene_GR6TTJD01ANVTP_xiong	61	65 GR6TTJD01ANVTP_xion
Unigene_UN_xiong_3986	70	864 UN_xiong_3986
Unigene_UN_xiong_711	433	156 UN_xiong_711
Unigene_GPGRCDD02FS9XI_xiong	29	26 GPGRCDD02FS9XI_xion
Unigene_UN_xiong_8609	92	23 UN_xiong_8609
Unigene_UN_xiong_6463	284	150 UN_xiong_6463
Unigene_UN_xiong_5290	252	105 UN_xiong_5290

Unigene_GPGRCDD02H304C_xiong	56	80 GPGRCDD02H304C_xion
Unigene_UN_xiong_15430	78	634 UN_xiong_15430
Unigene_UN_xiong_7507	105	42 UN_xiong_7507
Unigene_UN_xiong_12897	99	114 UN_xiong_12897
Unigene_UN_xiong_12316	120	139 UN_xiong_12316
Unigene_UN_xiong_15197	93	26 UN_xiong_15197
Unigene_UN_xiong_11967	671	856 UN_xiong_11967
Unigene_UN_xiong_8614	88	43 UN_xiong_8614
Unigene_UN_xiong_15660	553	2562 UN_xiong_15660
Unigene_UN_xiong_5512	153	61 UN_xiong_5512
Unigene_UN_xiong_14327	969	814 UN_xiong_14327
Unigene_UN_xiong_15008	95	46 UN_xiong_15008
Unigene_UN_xiong_12967	133	132 UN_xiong_12967
Unigene_UN_xiong_3363	94	38 UN_xiong_3363
Unigene_GR6TTJD01BSG50_xiong	27	101 GR6TTJD01BSG50_xion
Unigene_GR6TTJD01BOH8H_xiong	77	68 GR6TTJD01BOH8H_xion
Unigene_GP8I43W03HCPRU_xiong	27	151 GP8I43W03HCPRU_xion
Unigene_UN_xiong_8269	150	22 UN_xiong_8269
Unigene_UN_xiong_11113	218	7116 UN_xiong_11113
Unigene_UN_xiong_6557	149	67 UN_xiong_6557
Unigene_UN_xiong_11144	52	170 UN_xiong_11144
Unigene_UN_xiong_14042	202	482 UN_xiong_14042
Unigene_UN_xiong_11492	122	585 UN_xiong_11492
Unigene_UN_xiong_6002	340	292 UN_xiong_6002
Unigene_GR6TTJD01BA8KZ_xiong	26	31 GR6TTJD01BA8KZ_xion
Unigene_UN_xiong_12339	85	211 UN_xiong_12339
Unigene_UN_xiong_13509	67	41 UN_xiong_13509
Unigene_UN_xiong_15687	309	1692 UN_xiong_15687
Unigene_UN_xiong_5437	205	486 UN_xiong_5437
Unigene_GPGRCDD02HGZ0L_xiong	34	31 GPGRCDD02HGZ0L_xion
Unigene_UN_xiong_14050	42	137 UN_xiong_14050
Unigene_UN_xiong_11910	93	211 UN_xiong_11910
Unigene_UN_xiong_2880	590	3689 UN_xiong_2880
Unigene_UN_xiong_12386	150	60 UN_xiong_12386
Unigene_UN_xiong_2185	70	68 UN_xiong_2185
Unigene_UN_xiong_14685	287	375 UN_xiong_14685
Unigene_GR6TTJD01BDS1G_xiong	76	58 GR6TTJD01BDS1G_xion
Unigene_UN_xiong_8625	73	49 UN_xiong_8625
Unigene_GR6TTJD01BVKOL_xiong	75	68 GR6TTJD01BVKOL_xion
Unigene_UN_xiong_1959	117	120 UN_xiong_1959
Unigene_UN_xiong_3766	86	121 UN_xiong_3766
Unigene_UN_xiong_11535	150	21 UN_xiong_11535
Unigene_GR6TTJD01AXFSL_xiong	42	28 GR6TTJD01AXFSL_xion
Unigene_UN_xiong_5771	176	47 UN_xiong_5771
Unigene_UN_xiong_620	88	36 UN_xiong_620
Unigene_UN_xiong_15219	1857	2117 UN_xiong_15219
Unigene_UN_xiong_7363	54	100 UN_xiong_7363
Unigene_UN_xiong_10619	46	546 UN_xiong_10619
Unigene_UN_xiong_8536	365	55 UN_xiong_8536
Unigene_UN_xiong_300	115	62 UN_xiong_300

Unigene_UN_xiong_1364	713	983 UN_xiong_1364
Unigene_UN_xiong_9352	70	32 UN_xiong_9352
Unigene_GR6TTJD01A29NN_xiong	47	27 GR6TTJD01A29NN_xion
Unigene_UN_xiong_6026	309	25 UN_xiong_6026
Unigene_GP8I43W03G67ZL_xiong	38	34 GP8I43W03G67ZL_xion
Unigene_GP8I43W03G4063_xiong	27	73 GP8I43W03G4063_xion
Unigene_GPGRCDD02JOHCX_xiong	62	366 GPGRCDD02JOHCX_xion
Unigene_GR6TTJD01BHBRB_xiong	34	26 GR6TTJD01BHBRB_xion
Unigene_UN_xiong_7793	48	184 UN_xiong_7793
Unigene_UN_xiong_14663	260	648 UN_xiong_14663
Unigene_UN_xiong_13635	153	281 UN_xiong_13635
Unigene_GR6TTJD01AH9NB_xiong	62	58 GR6TTJD01AH9NB_xion
Unigene_UN_xiong_14805	716	725 UN_xiong_14805
Unigene_UN_xiong_12414	40	110 UN_xiong_12414
Unigene_UN_xiong_8573	628	96 UN_xiong_8573
Unigene_UN_xiong_14675	251	82 UN_xiong_14675
Unigene_UN_xiong_8505	99	224 UN_xiong_8505
Unigene_UN_xiong_12927	68	214 UN_xiong_12927
Unigene_GR6TTJD01B27UQ_xiong	26	54 GR6TTJD01B27UQ_xion
Unigene_UN_xiong_14139	68	87 UN_xiong_14139
Unigene_UN_xiong_2816	108	23 UN_xiong_2816
Unigene_GP8I43W03FY3VP_xiong	28	45 GP8I43W03FY3VP_xion
Unigene_UN_xiong_5490	48	108 UN_xiong_5490
Unigene_UN_xiong_14899	242	192 UN_xiong_14899
Unigene_UN_xiong_12650	43	41 UN_xiong_12650
Unigene_UN_xiong_5108	174	58 UN_xiong_5108
Unigene_UN_xiong_9829	65	50 UN_xiong_9829
Unigene_UN_xiong_11585	96	46 UN_xiong_11585
Unigene_UN_xiong_8544	36	160 UN_xiong_8544
Unigene_UN_xiong_8136	407	188 UN_xiong_8136
Unigene_GR6TTJD01BDXAW_xiong	27	20 GR6TTJD01BDXAW_xion
Unigene_GPGRCDD02G2Y56_xiong	30	48 GPGRCDD02G2Y56_xion
Unigene_UN_xiong_3939	95	32 UN_xiong_3939
Unigene_GP8I43W03GB3R9_xiong	24	352 GP8I43W03GB3R9_xion
Unigene_UN_xiong_9526	126	47 UN_xiong_9526
Unigene_GPGRCDD02HHCSB_xiong	23	109 GPGRCDD02HHCSB_xion
Unigene_UN_xiong_15375	1763	572 UN_xiong_15375
Unigene_UN_xiong_11690	57	84 UN_xiong_11690
Unigene_UN_xiong_2288	244	208 UN_xiong_2288
Unigene_UN_xiong_14207	1023	88 UN_xiong_14207
Unigene_UN_xiong_6747	80	90 UN_xiong_6747
Unigene_UN_xiong_6514	132	158 UN_xiong_6514
Unigene_UN_xiong_876	509	277 UN_xiong_876
Unigene_UN_xiong_4270	272	44 UN_xiong_4270
Unigene_UN_xiong_6304	584	341 UN_xiong_6304
Unigene_UN_xiong_14384	486	226 UN_xiong_14384
Unigene_UN_xiong_8721	87	78 UN_xiong_8721
Unigene_GPGRCDD02HA1BC_xiong	50	53 GPGRCDD02HA1BC_xion
Unigene_UN_xiong_8033	53	44 UN_xiong_8033
Unigene_GR6TTJD01AW9R0_xiong	30	25 GR6TTJD01AW9R0_xion

Unigene_UN_xiong_1579	165	211 UN_xiong_1579
Unigene_UN_xiong_14469	776	121 UN_xiong_14469
Unigene_UN_xiong_3287	81	34 UN_xiong_3287
Unigene_UN_xiong_1666	128	41 UN_xiong_1666
Unigene_UN_xiong_12033	196	58 UN_xiong_12033
Unigene_UN_xiong_6740	310	211 UN_xiong_6740
Unigene_UN_xiong_15671	99	100 UN_xiong_15671
Unigene_GP8I43W03HFVNM_xiong	37	52 GP8I43W03HFVNM_xion
Unigene_UN_xiong_1596	289	328 UN_xiong_1596
Unigene_GPGRCDD02IYL41_xiong	65	98 GPGRCDD02IYL41_xion
Unigene_UN_xiong_5033	67	56 UN_xiong_5033
Unigene_UN_xiong_2220	377	94 UN_xiong_2220
Unigene_UN_xiong_6516	147	33 UN_xiong_6516
Unigene_GP8I43W03G8SZ7_xiong	25	110 GP8I43W03G8SZ7_xion
Unigene_UN_xiong_1313	105	46 UN_xiong_1313
Unigene_GPGRCDD02IZBCM_xiong	23	53 GPGRCDD02IZBCM_xion
Unigene_UN_xiong_4703	237	33 UN_xiong_4703
Unigene_UN_xiong_10982	61	130 UN_xiong_10982
Unigene_UN_xiong_14256	110	60 UN_xiong_14256
Unigene_UN_xiong_4341	98	22 UN_xiong_4341
Unigene_UN_xiong_6384	675	413 UN_xiong_6384
Unigene_UN_xiong_3249	126	175 UN_xiong_3249
Unigene_GPGRCDD02GPU6P_xiong	93	53 GPGRCDD02GPU6P_xion
Unigene_UN_xiong_7599	270	55 UN_xiong_7599
Unigene_UN_xiong_15593	42	39 UN_xiong_15593
Unigene_UN_xiong_1340	62	245 UN_xiong_1340
Unigene_UN_xiong_1034	69	487 UN_xiong_1034
Unigene_UN_xiong_4612	181	271 UN_xiong_4612
Unigene_UN_xiong_14752	242	119 UN_xiong_14752
Unigene_GP8I43W03GX40W_xiong	44	60 GP8I43W03GX40W_xion
Unigene_UN_xiong_14495	128	23 UN_xiong_14495
Unigene_UN_xiong_15294	198	61 UN_xiong_15294
Unigene_UN_xiong_7923	54	30 UN_xiong_7923
Unigene_GP8I43W03GCOYP_xiong	27	26 GP8I43W03GCOYP_xion
Unigene_UN_xiong_4474	211	34 UN_xiong_4474
Unigene_UN_xiong_14315	126	328 UN_xiong_14315
Unigene_GR6TTJD01BTJBD_xiong	47	58 GR6TTJD01BTJBD_xion
Unigene_UN_xiong_4442	104	101 UN_xiong_4442
Unigene_UN_xiong_9582	162	66 UN_xiong_9582
Unigene_UN_xiong_9759	48	30 UN_xiong_9759
Unigene_GR6TTJD01A0LVD_xiong	32	75 GR6TTJD01A0LVD_xion
Unigene_UN_xiong_10199	40	31 UN_xiong_10199
Unigene_GPGRCDD02HKP93_xiong	26	74 GPGRCDD02HKP93_xion
Unigene_UN_xiong_2853	65	176 UN_xiong_2853
Unigene_UN_xiong_798	52	25 UN_xiong_798
Unigene_GPGRCDD02GLM7K_xiong	23	43 GPGRCDD02GLM7K_xion
Unigene_UN_xiong_13667	1185	881 UN_xiong_13667
Unigene_GR6TTJD01AYT26_xiong	32	82 GR6TTJD01AYT26_xion
Unigene_UN_xiong_8742	41	20 UN_xiong_8742
Unigene_UN_xiong_8790	149	1048 UN_xiong_8790

Unigene_UN_xiong_9353	55	71 UN_xiong_9353
Unigene_UN_xiong_12586	93	23 UN_xiong_12586
Unigene_UN_xiong_13681	114	222 UN_xiong_13681
Unigene_UN_xiong_15790	332	318 UN_xiong_15790
Unigene_UN_xiong_1883	30	21 UN_xiong_1883
Unigene_UN_xiong_14574	552	44 UN_xiong_14574
Unigene_UN_xiong_4512	57	162 UN_xiong_4512
Unigene_UN_xiong_8203	321	286 UN_xiong_8203
Unigene_GR6TTJD01CBCZZ_xiong	34	173 GR6TTJD01CBCZZ_xion
Unigene_GR6TTJD01B2KC7_xiong	30	356 GR6TTJD01B2KC7_xion
Unigene_UN_xiong_2820	67	236 UN_xiong_2820
Unigene_GR6TTJD01CBMCA_xiong	52	57 GR6TTJD01CBMCA_xion
Unigene_GP8I43W03HAM8A_xiong	28	27 GP8I43W03HAM8A_xion
Unigene_UN_xiong_11696	102	175 UN_xiong_11696
Unigene_UN_xiong_92	90	49 UN_xiong_92
Unigene_GPGRCDD02G0V24_xiong	24	31 GPGRCDD02G0V24_xion
Unigene_UN_xiong_13716	122	182 UN_xiong_13716
Unigene_GPGRCDD02HUNA1_xiong	23	26 GPGRCDD02HUNA1_xion
Unigene_UN_xiong_12835	104	439 UN_xiong_12835
Unigene_GR6TTJD01BDVB9_xiong	39	138 GR6TTJD01BDVB9_xion
Unigene_UN_xiong_8985	137	100 UN_xiong_8985
Unigene_GP8I43W03F7IZX_xiong	72	76 GP8I43W03F7IZX_xion
Unigene_UN_xiong_13545	146	160 UN_xiong_13545
Unigene_UN_xiong_14385	1219	515 UN_xiong_14385
Unigene_UN_xiong_15160	1367	76 UN_xiong_15160
Unigene_UN_xiong_5020	1176	741 UN_xiong_5020
Unigene_UN_xiong_443	397	68 UN_xiong_443
Unigene_UN_xiong_7308	109	39 UN_xiong_7308
Unigene_UN_xiong_7592	121	60 UN_xiong_7592
Unigene_UN_xiong_14313	831	762 UN_xiong_14313
Unigene_UN_xiong_11841	143	60 UN_xiong_11841
Unigene_UN_xiong_4534	52	79 UN_xiong_4534
Unigene_GPGRCDD02GW54J_xiong	39	74 GPGRCDD02GW54J_xion
Unigene_UN_xiong_3859	77	27 UN_xiong_3859
Unigene_UN_xiong_11384	153	72 UN_xiong_11384
Unigene_UN_xiong_3750	80	30 UN_xiong_3750
Unigene_UN_xiong_3070	75	1316 UN_xiong_3070
Unigene_GR6TTJD01AFT1C_xiong	20	267 GR6TTJD01AFT1C_xion
Unigene_GR6TTJD01BNBH6_xiong	41	41 GR6TTJD01BNBH6_xion
Unigene_GR6TTJD01B4768_xiong	30	23 GR6TTJD01B4768_xion
Unigene_GR6TTJD01APBPF_xiong	19	119 GR6TTJD01APBPF_xion
Unigene_UN_xiong_3904	1200	635 UN_xiong_3904
Unigene_UN_xiong_11233	98	224 UN_xiong_11233
Unigene_UN_xiong_8272	49	24 UN_xiong_8272
Unigene_GR6TTJD01B57TB_xiong	24	45 GR6TTJD01B57TB_xion
Unigene_UN_xiong_12091	427	41 UN_xiong_12091
Unigene_GP8I43W03FZ6G2_xiong	54	192 GP8I43W03FZ6G2_xion
Unigene_UN_xiong_772	239	117 UN_xiong_772
Unigene_GR6TTJD01ATUS3_xiong	23	45 GR6TTJD01ATUS3_xion
Unigene_UN_xiong_7633	331	166 UN_xiong_7633

Unigene_GR6TTJD01A7GRT_xiong	27	29 GR6TTJD01A7GRT_xion
Unigene_UN_xiong_11668	80	68 UN_xiong_11668
Unigene_UN_xiong_1143	58	45 UN_xiong_1143
Unigene_UN_xiong_14479	309	62 UN_xiong_14479
Unigene_UN_xiong_2463	108	117 UN_xiong_2463
Unigene_UN_xiong_8318	166	102 UN_xiong_8318
Unigene_GP8I43W03F1KOT_xiong	69	42 GP8I43W03F1KOT_xion
Unigene_GP8I43W03GAGUY_xiong	32	213 GP8I43W03GAGUY_xion
Unigene_UN_xiong_7816	219	73 UN_xiong_7816
Unigene_UN_xiong_15036	381	50 UN_xiong_15036
Unigene_UN_xiong_2202	206	172 UN_xiong_2202
Unigene_UN_xiong_7498	248	1303 UN_xiong_7498
Unigene_UN_xiong_15237	320	23 UN_xiong_15237
Unigene_UN_xiong_11238	142	111 UN_xiong_11238
Unigene_UN_xiong_11026	62	77 UN_xiong_11026
Unigene_UN_xiong_4922	100	58 UN_xiong_4922
Unigene_UN_xiong_12190	117	97 UN_xiong_12190
Unigene_UN_xiong_1149	91	37 UN_xiong_1149
Unigene_UN_xiong_9077	43	46 UN_xiong_9077
Unigene_UN_xiong_3157	214	1194 UN_xiong_3157
Unigene_UN_xiong_1334	52	29 UN_xiong_1334
Unigene_GR6TTJD01AVEC1_xiong	29	104 GR6TTJD01AVEC1_xion
Unigene_UN_xiong_15100	112	40 UN_xiong_15100
Unigene_GPGRCDD02IP43Z_xiong	31	140 GPGRCDD02IP43Z_xion
Unigene_UN_xiong_14981	73	21 UN_xiong_14981
Unigene_UN_xiong_1054	184	46 UN_xiong_1054
Unigene_GPGRCDD02JHI10_xiong	33	99 GPGRCDD02JHI10_xion
Unigene_GP8I43W03GIN4V_xiong	23	402 GP8I43W03GIN4V_xion
Unigene_UN_xiong_333	1190	366 UN_xiong_333
Unigene_UN_xiong_14373	206	74 UN_xiong_14373
Unigene_UN_xiong_2214	62	98 UN_xiong_2214
Unigene_UN_xiong_13655	78	113 UN_xiong_13655
Unigene_UN_xiong_4561	272	31 UN_xiong_4561
Unigene_GP8I43W03HB86U_xiong	47	65 GP8I43W03HB86U_xion
Unigene_UN_xiong_3616	205	41 UN_xiong_3616
Unigene_UN_xiong_7172	68	284 UN_xiong_7172
Unigene_UN_xiong_3861	130	126 UN_xiong_3861
Unigene_GR6TTJD01BQ42Z_xiong	31	41 GR6TTJD01BQ42Z_xion
Unigene_UN_xiong_14706	179	99 UN_xiong_14706
Unigene_UN_xiong_1632	140	24 UN_xiong_1632
Unigene_UN_xiong_1733	48	23 UN_xiong_1733
Unigene_UN_xiong_5042	63	36 UN_xiong_5042
Unigene_UN_xiong_3845	880	187 UN_xiong_3845
Unigene_UN_xiong_5933	52	64 UN_xiong_5933
Unigene_UN_xiong_5431	94	127 UN_xiong_5431
Unigene_UN_xiong_8055	50	27 UN_xiong_8055
Unigene_UN_xiong_11885	69	57 UN_xiong_11885
Unigene_GPGRCDD02I8WD8_xiong	23	143 GPGRCDD02I8WD8_xion
Unigene_GR6TTJD01BYCSL_xiong	31	24 GR6TTJD01BYCSL_xion
Unigene_UN_xiong_362	323	194 UN_xiong_362

Unigene_GPGRCD02JNHVE_xiong	43	145 GPGRCD02JNHVE_xion
Unigene_GPGRCD02GDXML_xiong	43	123 GPGRCD02GDXML_xion
Unigene_UN_xiong_10770	190	143 UN_xiong_10770
Unigene_UN_xiong_14294	596	22 UN_xiong_14294
Unigene_UN_xiong_6171	267	232 UN_xiong_6171
Unigene_UN_xiong_12188	63	71 UN_xiong_12188
Unigene_UN_xiong_13283	255	154 UN_xiong_13283
Unigene_UN_xiong_8810	85	29 UN_xiong_8810
Unigene_UN_xiong_12364	101	40 UN_xiong_12364
Unigene_UN_xiong_791	217	66 UN_xiong_791
Unigene_UN_xiong_14145	365	21 UN_xiong_14145
Unigene_UN_xiong_13887	42	90 UN_xiong_13887
Unigene_UN_xiong_14228	673	1356 UN_xiong_14228
Unigene_UN_xiong_10262	102	21 UN_xiong_10262
Unigene_UN_xiong_10416	284	76 UN_xiong_10416
Unigene_UN_xiong_607	458	436 UN_xiong_607
Unigene_UN_xiong_1256	108	30 UN_xiong_1256
Unigene_UN_xiong_7588	64	120 UN_xiong_7588
Unigene_UN_xiong_1763	121	508 UN_xiong_1763
Unigene_UN_xiong_12413	312	102 UN_xiong_12413
Unigene_UN_xiong_4268	2602	4653 UN_xiong_4268
Unigene_UN_xiong_10908	62	62 UN_xiong_10908
Unigene_GPGRCD02GYG6Q_xiong	37	66 GPGRCD02GYG6Q_xion
Unigene_UN_xiong_9534	125	50 UN_xiong_9534
Unigene_UN_xiong_11724	40	41 UN_xiong_11724
Unigene_UN_xiong_15378	63	280 UN_xiong_15378
Unigene_UN_xiong_2845	48	130 UN_xiong_2845
Unigene_UN_xiong_7366	39	118 UN_xiong_7366
Unigene_UN_xiong_983	232	748 UN_xiong_983
Unigene_UN_xiong_15424	526	1250 UN_xiong_15424
Unigene_UN_xiong_3442	68	29 UN_xiong_3442
Unigene_GR6TTJD01BBL7C_xiong	37	36 GR6TTJD01BBL7C_xion
Unigene_UN_xiong_8116	260	126 UN_xiong_8116
Unigene_UN_xiong_6233	130	37 UN_xiong_6233
Unigene_UN_xiong_3508	160	45 UN_xiong_3508
Unigene_UN_xiong_7776	92	224 UN_xiong_7776
Unigene_UN_xiong_431	141	49 UN_xiong_431
Unigene_UN_xiong_3209	89	26 UN_xiong_3209
Unigene_UN_xiong_9415	218	24 UN_xiong_9415
Unigene_UN_xiong_4334	48	25 UN_xiong_4334
Unigene_UN_xiong_9647	96	23 UN_xiong_9647
Unigene_UN_xiong_14097	398	78 UN_xiong_14097
Unigene_UN_xiong_8852	186	130 UN_xiong_8852
Unigene_UN_xiong_7678	64	33 UN_xiong_7678
Unigene_UN_xiong_14569	569	197 UN_xiong_14569
Unigene_GPGRCD02FM109_xiong	48	198 GPGRCD02FM109_xion
Unigene_GR6TTJD01BK44I_xiong	28	150 GR6TTJD01BK44I_xion
Unigene_UN_xiong_182	88	222 UN_xiong_182
Unigene_GPGRCD02HMAKQ_xiong	40	75 GPGRCD02HMAKQ_xion
Unigene_UN_xiong_9770	79	44 UN_xiong_9770

Unigene_GPGRCDD02IRUW8_xiong	41	167 GPGRCDD02IRUW8_xion
Unigene_UN_xiong_13767	111	243 UN_xiong_13767
Unigene_GR6TTJD01B83UZ_xiong	40	46 GR6TTJD01B83UZ_xion
Unigene_GR6TTJD01BLHYQ_xiong	26	72 GR6TTJD01BLHYQ_xion
Unigene_UN_xiong_1061	131	214 UN_xiong_1061
Unigene_UN_xiong_15308	342	1419 UN_xiong_15308
Unigene_UN_xiong_9100	66	62 UN_xiong_9100
Unigene_UN_xiong_972	573	39 UN_xiong_972
Unigene_UN_xiong_4479	68	39 UN_xiong_4479
Unigene_UN_xiong_12520	101	79 UN_xiong_12520
Unigene_GR6TTJD01CFFHF_xiong	29	28 GR6TTJD01CFFHF_xion
Unigene_UN_xiong_14369	299	155 UN_xiong_14369
Unigene_UN_xiong_1732	135	57 UN_xiong_1732
Unigene_UN_xiong_13100	51	51 UN_xiong_13100
Unigene_UN_xiong_14347	5749	12920 UN_xiong_14347
Unigene_GR6TTJD01AMMVS_xiong	95	60 GR6TTJD01AMMVS_xion
Unigene_UN_xiong_13737	119	78 UN_xiong_13737
Unigene_UN_xiong_1683	256	273 UN_xiong_1683
Unigene_UN_xiong_13323	205	31 UN_xiong_13323
Unigene_UN_xiong_11953	87	144 UN_xiong_11953
Unigene_UN_xiong_3196	135	321 UN_xiong_3196
Unigene_UN_xiong_14616	554	154 UN_xiong_14616
Unigene_UN_xiong_2741	412	309 UN_xiong_2741
Unigene_GP8I43W03G0AIN_xiong	28	138 GP8I43W03G0AIN_xion
Unigene_UN_xiong_11715	48	85 UN_xiong_11715
Unigene_UN_xiong_15345	220	346 UN_xiong_15345
Unigene_UN_xiong_712	198	55 UN_xiong_712
Unigene_UN_xiong_10898	134	30 UN_xiong_10898
Unigene_UN_xiong_12729	159	318 UN_xiong_12729
Unigene_UN_xiong_5032	48	124 UN_xiong_5032
Unigene_GPGRCDD02FKN71_xiong	51	47 GPGRCDD02FKN71_xion
Unigene_UN_xiong_6548	164	34 UN_xiong_6548
Unigene_UN_xiong_4650	302	24 UN_xiong_4650
Unigene_UN_xiong_15587	554	1672 UN_xiong_15587
Unigene_UN_xiong_12354	66	45 UN_xiong_12354
Unigene_UN_xiong_8883	160	145 UN_xiong_8883
Unigene_UN_xiong_2453	91	61 UN_xiong_2453
Unigene_UN_xiong_417	171	189 UN_xiong_417
Unigene_GPGRCDD02G3Y6C_xiong	24	58 GPGRCDD02G3Y6C_xion
Unigene_UN_xiong_1796	75	29 UN_xiong_1796
Unigene_UN_xiong_15653	107	31 UN_xiong_15653
Unigene_UN_xiong_838	194	187 UN_xiong_838
Unigene_UN_xiong_3129	92	94 UN_xiong_3129
Unigene_UN_xiong_1758	115	105 UN_xiong_1758
Unigene_UN_xiong_1623	100	28 UN_xiong_1623
Unigene_UN_xiong_4783	890	85 UN_xiong_4783
Unigene_UN_xiong_7260	95	75 UN_xiong_7260
Unigene_GPGRCDD02JCSBE_xiong	23	54 GPGRCDD02JCSBE_xion
Unigene_UN_xiong_618	217	24 UN_xiong_618
Unigene_UN_xiong_9191	72	345 UN_xiong_9191

Unigene_GR6TTJD01BN60I_xiong	28	41 GR6TTJD01BN60I_xion
Unigene_UN_xiong_11971	77	117 UN_xiong_11971
Unigene_UN_xiong_14014	238	26 UN_xiong_14014
Unigene_UN_xiong_14951	96	234 UN_xiong_14951
Unigene_GPGRCDD02JD5KE_xiong	30	26 GPGRCDD02JD5KE_xion
Unigene_UN_xiong_451	157	273 UN_xiong_451
Unigene_UN_xiong_2277	253	44 UN_xiong_2277
Unigene_UN_xiong_4829	95	220 UN_xiong_4829
Unigene_UN_xiong_5502	59	53 UN_xiong_5502
Unigene_UN_xiong_9738	296	281 UN_xiong_9738
Unigene_GR6TTJD01A5EGT_xiong	22	35 GR6TTJD01A5EGT_xion
Unigene_UN_xiong_8467	118	32 UN_xiong_8467
Unigene_UN_xiong_14970	305	184 UN_xiong_14970
Unigene_GP8I43W03FSLKB_xiong	34	26 GP8I43W03FSLKB_xion
Unigene_UN_xiong_1642	84	122 UN_xiong_1642
Unigene_GR6TTJD01B24XD_xiong	29	29 GR6TTJD01B24XD_xion
Unigene_UN_xiong_3483	306	152 UN_xiong_3483
Unigene_GR6TTJD01B5I09_xiong	21	95 GR6TTJD01B5I09_xion
Unigene_UN_xiong_9546	1221	908 UN_xiong_9546
Unigene_UN_xiong_11308	370	969 UN_xiong_11308
Unigene_UN_xiong_4470	73	86 UN_xiong_4470
Unigene_GPGRCDD02FSYWW_xiong	29	34 GPGRCDD02FSYWW_xion
Unigene_UN_xiong_1606	52	27 UN_xiong_1606
Unigene_UN_xiong_1393	76	80 UN_xiong_1393
Unigene_UN_xiong_15533	152	792 UN_xiong_15533
Unigene_UN_xiong_15467	93	102 UN_xiong_15467
Unigene_UN_xiong_4744	201	25 UN_xiong_4744
Unigene_GR6TTJD01APL5S_xiong	19	77 GR6TTJD01APL5S_xion
Unigene_UN_xiong_6149	85	126 UN_xiong_6149
Unigene_UN_xiong_2523	667	189 UN_xiong_2523
Unigene_GR6TTJD01AYJF4_xiong	40	28 GR6TTJD01AYJF4_xion
Unigene_UN_xiong_4645	91	217 UN_xiong_4645
Unigene_UN_xiong_11673	361	53 UN_xiong_11673
Unigene_UN_xiong_1612	67	31 UN_xiong_1612
Unigene_UN_xiong_15490	336	455 UN_xiong_15490
Unigene_GR6TTJD01AR7AL_xiong	22	169 GR6TTJD01AR7AL_xion
Unigene_UN_xiong_10563	598	410 UN_xiong_10563
Unigene_UN_xiong_4279	134	33 UN_xiong_4279
Unigene_GPGRCDD02GIYZZ_xiong	20	70 GPGRCDD02GIYZZ_xion
Unigene_UN_xiong_14818	385	28 UN_xiong_14818
Unigene_GR6TTJD01BWA7V_xiong	34	33 GR6TTJD01BWA7V_xion
Unigene_UN_xiong_15111	97	63 UN_xiong_15111
Unigene_UN_xiong_5987	36	108 UN_xiong_5987
Unigene_UN_xiong_3219	97	77 UN_xiong_3219
Unigene_UN_xiong_1345	131	65 UN_xiong_1345
Unigene_UN_xiong_15780	133	51 UN_xiong_15780
Unigene_GPGRCDD02I2AIL_xiong	62	182 GPGRCDD02I2AIL_xion
Unigene_UN_xiong_5280	134	438 UN_xiong_5280
Unigene_GR6TTJD01BNN3K_xiong	21	39 GR6TTJD01BNN3K_xion
Unigene_UN_xiong_4473	317	77 UN_xiong_4473

Unigene_GR6TTJD01BL1SZ_xiong	24	86 GR6TTJD01BL1SZ_xion
Unigene_UN_xiong_4259	38	87 UN_xiong_4259
Unigene_GR6TTJD01B5FDX_xiong	76	67 GR6TTJD01B5FDX_xion
Unigene_GR6TTJD01BN7AF_xiong	67	41 GR6TTJD01BN7AF_xion
Unigene_UN_xiong_8350	76	33 UN_xiong_8350
Unigene_UN_xiong_11672	202	306 UN_xiong_11672
Unigene_UN_xiong_10934	130	113 UN_xiong_10934
Unigene_UN_xiong_1587	157	51 UN_xiong_1587
Unigene_GP8I43W03F4756_xiong	43	52 GP8I43W03F4756_xion
Unigene_UN_xiong_14689	537	168 UN_xiong_14689
Unigene_UN_xiong_5724	91	43 UN_xiong_5724
Unigene_UN_xiong_8380	121	194 UN_xiong_8380
Unigene_UN_xiong_7971	111	42 UN_xiong_7971
Unigene_UN_xiong_15284	70	102 UN_xiong_15284
Unigene_UN_xiong_11942	81	702 UN_xiong_11942
Unigene_UN_xiong_2196	52	34 UN_xiong_2196
Unigene_UN_xiong_14795	585	1784 UN_xiong_14795
Unigene_GPGRCDD02GKEGT_xiong	79	98 GPGRCDD02GKEGT_xion
Unigene_GPGRCDD02HG2XQ_xiong	28	30 GPGRCDD02HG2XQ_xion
Unigene_UN_xiong_1044	86	85 UN_xiong_1044
Unigene_UN_xiong_3056	569	98 UN_xiong_3056
Unigene_UN_xiong_10730	109	37 UN_xiong_10730
Unigene_UN_xiong_6228	1070	328 UN_xiong_6228
Unigene_UN_xiong_13	222	289 UN_xiong_13
Unigene_UN_xiong_6354	64	131 UN_xiong_6354
Unigene_UN_xiong_2414	114	184 UN_xiong_2414
Unigene_UN_xiong_5064	62	184 UN_xiong_5064
Unigene_GR6TTJD01BJ5EP_xiong	32	46 GR6TTJD01BJ5EP_xion
Unigene_UN_xiong_10700	139	110 UN_xiong_10700
Unigene_UN_xiong_8934	427	40 UN_xiong_8934
Unigene_GR6TTJD01CD8EU_xiong	33	23 GR6TTJD01CD8EU_xion
Unigene_UN_xiong_2965	129	75 UN_xiong_2965
Unigene_GP8I43W03F59B8_xiong	40	267 GP8I43W03F59B8_xion
Unigene_GR6TTJD01BALZE_xiong	29	23 GR6TTJD01BALZE_xion
Unigene_UN_xiong_214	50	41 UN_xiong_214
Unigene_UN_xiong_2881	149	28 UN_xiong_2881
Unigene_GR6TTJD01ASQNP_xiong	21	60 GR6TTJD01ASQNP_xion
Unigene_GR6TTJD01BLM2T_xiong	45	27 GR6TTJD01BLM2T_xion
Unigene_GPGRCDD02FPV81_xiong	48	30 GPGRCDD02FPV81_xion
Unigene_UN_xiong_10037	44	64 UN_xiong_10037
Unigene_UN_xiong_9494	964	367 UN_xiong_9494
Unigene_UN_xiong_7713	84	43 UN_xiong_7713
Unigene_UN_xiong_4146	123	222 UN_xiong_4146
Unigene_UN_xiong_12325	239	237 UN_xiong_12325
Unigene_UN_xiong_10341	141	30 UN_xiong_10341
Unigene_UN_xiong_12798	159	90 UN_xiong_12798
Unigene_UN_xiong_13936	169	68 UN_xiong_13936
Unigene_UN_xiong_5370	479	180 UN_xiong_5370
Unigene_GR6TTJD01BK6NR_xiong	63	64 GR6TTJD01BK6NR_xion
Unigene_UN_xiong_3169	373	635 UN_xiong_3169

Unigene_UN_xiong_4019	114	37 UN_xiong_4019
Unigene_UN_xiong_13280	156	37 UN_xiong_13280
Unigene_GPGRCD02IVX64_xiong	50	54 GPGRCD02IVX64_xion
Unigene_UN_xiong_10444	110	60 UN_xiong_10444
Unigene_GR6TTJD01AMJH7_xiong	25	28 GR6TTJD01AMJH7_xion
Unigene_UN_xiong_12628	747	69 UN_xiong_12628
Unigene_GP8I43W03G0RUQ_xiong	21	25 GP8I43W03G0RUQ_xion
Unigene_UN_xiong_4109	884	535 UN_xiong_4109
Unigene_UN_xiong_1302	104	66 UN_xiong_1302
Unigene_UN_xiong_1547	47	247 UN_xiong_1547
Unigene_UN_xiong_11779	30	25 UN_xiong_11779
Unigene_UN_xiong_8986	91	24 UN_xiong_8986
Unigene_GP8I43W03GLAF8_xiong	31	40 GP8I43W03GLAF8_xion
Unigene_UN_xiong_10850	53	176 UN_xiong_10850
Unigene_GP8I43W03GQD39_xiong	59	117 GP8I43W03GQD39_xion
Unigene_UN_xiong_13461	80	45 UN_xiong_13461
Unigene_UN_xiong_11820	78	21 UN_xiong_11820
Unigene_UN_xiong_4693	66	209 UN_xiong_4693
Unigene_UN_xiong_3569	73	35 UN_xiong_3569
Unigene_UN_xiong_4712	632	2997 UN_xiong_4712
Unigene_UN_xiong_15162	500	364 UN_xiong_15162
Unigene_UN_xiong_2213	449	110 UN_xiong_2213
Unigene_UN_xiong_2985	56	208 UN_xiong_2985
Unigene_UN_xiong_2558	140	24 UN_xiong_2558
Unigene_UN_xiong_2209	518	525 UN_xiong_2209
Unigene_UN_xiong_3541	142	31 UN_xiong_3541
Unigene_GR6TTJD01BTPZ1_xiong	50	34 GR6TTJD01BTPZ1_xion
Unigene_UN_xiong_8892	130	112 UN_xiong_8892
Unigene_UN_xiong_9889	76	89 UN_xiong_9889
Unigene_UN_xiong_10073	58	96 UN_xiong_10073
Unigene_GP8I43W03F0K0J_xiong	46	27 GP8I43W03F0K0J_xion
Unigene_GR6TTJD01B3EW8_xiong	21	59 GR6TTJD01B3EW8_xion
Unigene_UN_xiong_9051	66	63 UN_xiong_9051
Unigene_UN_xiong_7355	120	54 UN_xiong_7355
Unigene_UN_xiong_3741	2134	3893 UN_xiong_3741
Unigene_UN_xiong_10681	164	73 UN_xiong_10681
Unigene_UN_xiong_1605	50	46 UN_xiong_1605
Unigene_GPGRCD02F4ZA0_xiong	30	36 GPGRCD02F4ZA0_xion
Unigene_UN_xiong_10826	172	23 UN_xiong_10826
Unigene_GP8I43W03GMNH6_xiong	70	645 GP8I43W03GMNH6_xion
Unigene_UN_xiong_1363	80	29 UN_xiong_1363
Unigene_GR6TTJD01BUX8M_xiong	20	38 GR6TTJD01BUX8M_xion
Unigene_UN_xiong_3230	181	221 UN_xiong_3230
Unigene_UN_xiong_1298	246	51 UN_xiong_1298
Unigene_UN_xiong_12124	51	45 UN_xiong_12124
Unigene_GPGRCD02G6HMN_xiong	27	25 GPGRCD02G6HMN_xion
Unigene_GR6TTJD01B9G93_xiong	45	56 GR6TTJD01B9G93_xion
Unigene_UN_xiong_4091	1332	68944 UN_xiong_4091
Unigene_GPGRCD02JTMIX_xiong	35	2434 GPGRCD02JTMIX_xion
Unigene_UN_xiong_4030	184	326 UN_xiong_4030

Unigene_UN_xiong_11880	320	84 UN_xiong_11880
Unigene_GR6TTJD01CAR27_xiong	44	33 GR6TTJD01CAR27_xion
Unigene_UN_xiong_4083	157	66 UN_xiong_4083
Unigene_UN_xiong_5147	312	169 UN_xiong_5147
Unigene_GPGRCDD02JERW6_xiong	95	91 GPGRCDD02JERW6_xion
Unigene_UN_xiong_2184	56	32 UN_xiong_2184
Unigene_UN_xiong_9430	122	96 UN_xiong_9430
Unigene_GP8I43W03FSSYJ_xiong	26	243 GP8I43W03FSSYJ_xion
Unigene_UN_xiong_8777	40	127 UN_xiong_8777
Unigene_UN_xiong_14773	105	50 UN_xiong_14773
Unigene_GPGRCDD02GTTTE_xiong	31	34 GPGRCDD02GTTTE_xion
Unigene_UN_xiong_13067	113	56 UN_xiong_13067
Unigene_GR6TTJD01BKTUV_xiong	23	29 GR6TTJD01BKTUV_xion
Unigene_UN_xiong_5810	127	31 UN_xiong_5810
Unigene_GR6TTJD01ATW7H_xiong	53	29 GR6TTJD01ATW7H_xion
Unigene_UN_xiong_4222	70	24 UN_xiong_4222
Unigene_UN_xiong_10169	154	113 UN_xiong_10169
Unigene_UN_xiong_15018	86	38 UN_xiong_15018
Unigene_UN_xiong_3523	4254	1236 UN_xiong_3523
Unigene_GP8I43W03HF5BV_xiong	39	27 GP8I43W03HF5BV_xion
Unigene_UN_xiong_14998	274	85 UN_xiong_14998
Unigene_UN_xiong_7290	61	26 UN_xiong_7290
Unigene_UN_xiong_14735	76	233 UN_xiong_14735
Unigene_UN_xiong_8866	80	45 UN_xiong_8866
Unigene_GPGRCDD02IM547_xiong	35	71 GPGRCDD02IM547_xion
Unigene_UN_xiong_9503	115	275 UN_xiong_9503
Unigene_GR6TTJD01CCR6M_xiong	31	26 GR6TTJD01CCR6M_xion
Unigene_UN_xiong_14705	422	124 UN_xiong_14705
Unigene_UN_xiong_2084	72	28 UN_xiong_2084
Unigene_UN_xiong_3872	194	52 UN_xiong_3872
Unigene_UN_xiong_11639	130	189 UN_xiong_11639
Unigene_UN_xiong_14106	234	149 UN_xiong_14106
Unigene_UN_xiong_5614	226	383 UN_xiong_5614
Unigene_UN_xiong_14942	111	97 UN_xiong_14942
Unigene_UN_xiong_4230	97	548 UN_xiong_4230
Unigene_GPGRCDD02F5TSW_xiong	25	26 GPGRCDD02F5TSW_xion
Unigene_UN_xiong_531	94	963 UN_xiong_531
Unigene_UN_xiong_1411	131	62 UN_xiong_1411
Unigene_UN_xiong_5539	107	22 UN_xiong_5539
Unigene_UN_xiong_6529	816	159 UN_xiong_6529
Unigene_UN_xiong_15196	44	459 UN_xiong_15196
Unigene_UN_xiong_441	140	53 UN_xiong_441
Unigene_UN_xiong_9851	199	47 UN_xiong_9851
Unigene_UN_xiong_14868	155	3621 UN_xiong_14868
Unigene_UN_xiong_9692	80	78 UN_xiong_9692
Unigene_UN_xiong_3390	3494	3184 UN_xiong_3390
Unigene_UN_xiong_9629	128	81 UN_xiong_9629
Unigene_UN_xiong_3436	467	243 UN_xiong_3436
Unigene_UN_xiong_12460	58	56 UN_xiong_12460
Unigene_UN_xiong_3701	36	287 UN_xiong_3701

Unigene_UN_xiong_9243	787	764 UN_xiong_9243
Unigene_UN_xiong_12305	85	97 UN_xiong_12305
Unigene_GR6TTJD01ASJGP_xiong	53	64 GR6TTJD01ASJGP_xion
Unigene_UN_xiong_9316	679	433 UN_xiong_9316
Unigene_UN_xiong_11520	46	92 UN_xiong_11520
Unigene_GP8I43W03F1BHI_xiong	39	41 GP8I43W03F1BHI_xion
Unigene_UN_xiong_8310	53	46 UN_xiong_8310
Unigene_GR6TTJD01A90AP_xiong	90	57 GR6TTJD01A90AP_xion
Unigene_UN_xiong_1260	92	25 UN_xiong_1260
Unigene_UN_xiong_12656	173	94 UN_xiong_12656
Unigene_UN_xiong_14490	689	418 UN_xiong_14490
Unigene_GR6TTJD01AQ1L1_xiong	74	62 GR6TTJD01AQ1L1_xion
Unigene_UN_xiong_12048	91	43 UN_xiong_12048
Unigene_UN_xiong_3725	231	21 UN_xiong_3725
Unigene_UN_xiong_15326	113	80 UN_xiong_15326
Unigene_UN_xiong_10638	91	160 UN_xiong_10638
Unigene_UN_xiong_1314	280	33 UN_xiong_1314
Unigene_UN_xiong_15278	208	205 UN_xiong_15278
Unigene_UN_xiong_4453	166	808 UN_xiong_4453
Unigene_UN_xiong_6503	61	128 UN_xiong_6503
Unigene_GP8I43W03GBUEQ_xiong	53	44 GP8I43W03GBUEQ_xion
Unigene_UN_xiong_15358	206	78 UN_xiong_15358
Unigene_GR6TTJD01BL5W4_xiong	25	83 GR6TTJD01BL5W4_xion
Unigene_UN_xiong_793	830	42 UN_xiong_793
Unigene_UN_xiong_5305	96	417 UN_xiong_5305
Unigene_GR6TTJD01BMP0H_xiong	40	78 GR6TTJD01BMP0H_xion
Unigene_UN_xiong_3600	176	778 UN_xiong_3600
Unigene_UN_xiong_4555	50	119 UN_xiong_4555
Unigene_UN_xiong_3369	1784	2997 UN_xiong_3369
Unigene_UN_xiong_15039	373	256 UN_xiong_15039
Unigene_UN_xiong_14751	157	42 UN_xiong_14751
Unigene_GPGRCDD02G9MGD_xiong	35	40 GPGRCDD02G9MGD_xion
Unigene_GP8I43W03F5P80_xiong	37	61 GP8I43W03F5P80_xion
Unigene_UN_xiong_6806	144	95 UN_xiong_6806
Unigene_GP8I43W03GDCJH_xiong	33	36 GP8I43W03GDCJH_xion
Unigene_GR6TTJD01CBUIF_xiong	31	64 GR6TTJD01CBUIF_xion
Unigene_UN_xiong_2047	77	239 UN_xiong_2047
Unigene_GPGRCDD02JR211_xiong	54	54 GPGRCDD02JR211_xion
Unigene_UN_xiong_5107	175	187 UN_xiong_5107
Unigene_UN_xiong_11755	277	589 UN_xiong_11755
Unigene_UN_xiong_1279	315	160 UN_xiong_1279
Unigene_UN_xiong_5675	41	230 UN_xiong_5675
Unigene_UN_xiong_13077	64	317 UN_xiong_13077
Unigene_UN_xiong_11629	67	56 UN_xiong_11629
Unigene_UN_xiong_7381	87	167 UN_xiong_7381
Unigene_UN_xiong_9972	109	269 UN_xiong_9972
Unigene_UN_xiong_7929	53	200 UN_xiong_7929
Unigene_GP8I43W03FYJLN_xiong	66	130 GP8I43W03FYJLN_xion
Unigene_UN_xiong_9905	77	120 UN_xiong_9905
Unigene_GR6TTJD01BY31P_xiong	23	37 GR6TTJD01BY31P_xion

Unigene_UN_xiong_1685	741	399 UN_xiong_1685
Unigene_UN_xiong_8061	58	39 UN_xiong_8061
Unigene_UN_xiong_14884	242	89 UN_xiong_14884
Unigene_UN_xiong_4863	60	51 UN_xiong_4863
Unigene_UN_xiong_290	2121	317 UN_xiong_290
Unigene_UN_xiong_13126	59	75 UN_xiong_13126
Unigene_UN_xiong_11968	51	207 UN_xiong_11968
Unigene_UN_xiong_4639	99	338 UN_xiong_4639
Unigene_UN_xiong_7384	57	159 UN_xiong_7384
Unigene_GR6TTJD01CFI69_xiong	92	87 GR6TTJD01CFI69_xion
Unigene_UN_xiong_2681	91	80 UN_xiong_2681
Unigene_UN_xiong_13598	602	153 UN_xiong_13598
Unigene_UN_xiong_11102	55	52 UN_xiong_11102
Unigene_GR6TTJD01BCSL5_xiong	23	28 GR6TTJD01BCSL5_xion
Unigene_UN_xiong_12157	140	35 UN_xiong_12157
Unigene_UN_xiong_6626	101	34 UN_xiong_6626
Unigene_UN_xiong_9661	63	99 UN_xiong_9661
Unigene_UN_xiong_3250	71	36 UN_xiong_3250
Unigene_UN_xiong_4812	78	321 UN_xiong_4812
Unigene_UN_xiong_3940	229	46 UN_xiong_3940
Unigene_UN_xiong_4987	126	81 UN_xiong_4987
Unigene_GR6TTJD01AW090_xiong	21	63 GR6TTJD01AW090_xion
Unigene_GR6TTJD01BDQZ4_xiong	30	19 GR6TTJD01BDQZ4_xion
Unigene_UN_xiong_13806	107	105 UN_xiong_13806
Unigene_UN_xiong_10618	62	22 UN_xiong_10618
Unigene_UN_xiong_8729	86	25 UN_xiong_8729
Unigene_GPGRCDD02JQL07_xiong	40	197 GPGRCDD02JQL07_xion
Unigene_UN_xiong_3517	75	23 UN_xiong_3517
Unigene_GR6TTJD01BZIOR_xiong	27	109 GR6TTJD01BZIOR_xion
Unigene_UN_xiong_8049	761	83 UN_xiong_8049
Unigene_UN_xiong_12449	59	47 UN_xiong_12449
Unigene_GPGRCDD02IODPP_xiong	88	50 GPGRCDD02IODPP_xion
Unigene_GR6TTJD01AWLNN_xiong	100	67 GR6TTJD01AWLNN_xion
Unigene_UN_xiong_10524	94	29 UN_xiong_10524
Unigene_GR6TTJD01AHSQ_xiong	27	58 GR6TTJD01AHSQ_xion
Unigene_UN_xiong_9781	230	30 UN_xiong_9781
Unigene_UN_xiong_8376	224	381 UN_xiong_8376
Unigene_GPGRCDD02JRMX_xiong	21	62 GPGRCDD02JRMX_xion
Unigene_GPGRCDD02F7EAG_xiong	27	31 GPGRCDD02F7EAG_xion
Unigene_UN_xiong_9775	308	42 UN_xiong_9775
Unigene_GR6TTJD01AYSN3_xiong	59	163 GR6TTJD01AYSN3_xion
Unigene_UN_xiong_10541	117	175 UN_xiong_10541
Unigene_GR6TTJD01B713X_xiong	48	48 GR6TTJD01B713X_xion
Unigene_UN_xiong_10103	296	364 UN_xiong_10103
Unigene_UN_xiong_14508	1374	155 UN_xiong_14508
Unigene_UN_xiong_3947	122	80 UN_xiong_3947
Unigene_UN_xiong_14051	60	28 UN_xiong_14051
Unigene_UN_xiong_11645	524	165 UN_xiong_11645
Unigene_UN_xiong_3763	169	148 UN_xiong_3763
Unigene_UN_xiong_15787	559	1291 UN_xiong_15787

Unigene_UN_xiong_5440	36	23 UN_xiong_5440
Unigene_GR6TTJD01BGZ4A_xiong	22	102 GR6TTJD01BGZ4A_xion
Unigene_UN_xiong_10202	55	35 UN_xiong_10202
Unigene_GP8I43W03G2HFS_xiong	32	34 GP8I43W03G2HFS_xion
Unigene_UN_xiong_3756	43	23 UN_xiong_3756
Unigene_UN_xiong_5787	82	99 UN_xiong_5787
Unigene_UN_xiong_4726	941	1647 UN_xiong_4726
Unigene_UN_xiong_14272	233	4341 UN_xiong_14272
Unigene_UN_xiong_2828	84	111 UN_xiong_2828
Unigene_UN_xiong_5653	197	100 UN_xiong_5653
Unigene_UN_xiong_6466	192	52 UN_xiong_6466
Unigene_UN_xiong_7670	612	118 UN_xiong_7670
Unigene_UN_xiong_14618	1356	4284 UN_xiong_14618
Unigene_UN_xiong_12552	110	587 UN_xiong_12552
Unigene_GPGRCDD02I032M_xiong	50	46 GPGRCDD02I032M_xion
Unigene_GP8I43W03F49KU_xiong	54	111 GP8I43W03F49KU_xion
Unigene_UN_xiong_5161	205	289 UN_xiong_5161
Unigene_UN_xiong_10858	75	25 UN_xiong_10858
Unigene_UN_xiong_9674	114	58 UN_xiong_9674
Unigene_UN_xiong_9031	122	20 UN_xiong_9031
Unigene_GPGRCDD02I7E28_xiong	55	56 GPGRCDD02I7E28_xion
Unigene_UN_xiong_10337	92	227 UN_xiong_10337
Unigene_GR6TTJD01A00Z2_xiong	28	43 GR6TTJD01A00Z2_xion
Unigene_UN_xiong_13466	324	32 UN_xiong_13466
Unigene_UN_xiong_14964	256	537 UN_xiong_14964
Unigene_UN_xiong_4660	75	186 UN_xiong_4660
Unigene_GPGRCDD02H46VH_xiong	26	35 GPGRCDD02H46VH_xion
Unigene_GP8I43W03FUD0H_xiong	27	21 GP8I43W03FUD0H_xion
Unigene_GR6TTJD01BF4WE_xiong	20	74 GR6TTJD01BF4WE_xion
Unigene_GPGRCDD02GNNK3_xiong	47	76 GPGRCDD02GNNK3_xion
Unigene_GR6TTJD01AJP8S_xiong	30	66 GR6TTJD01AJP8S_xion
Unigene_UN_xiong_7560	186	36 UN_xiong_7560
Unigene_UN_xiong_10824	106	24 UN_xiong_10824
Unigene_UN_xiong_4919	53	76 UN_xiong_4919
Unigene_UN_xiong_5946	80	29 UN_xiong_5946
Unigene_UN_xiong_10417	105	198 UN_xiong_10417
Unigene_GPGRCDD02ID5XW_xiong	28	34 GPGRCDD02ID5XW_xion
Unigene_GP8I43W03HE54E_xiong	24	42 GP8I43W03HE54E_xion
Unigene_GPGRCDD02IYB9I_xiong	89	211 GPGRCDD02IYB9I_xion
Unigene_UN_xiong_13364	86	26 UN_xiong_13364
Unigene_UN_xiong_14889	714	135 UN_xiong_14889
Unigene_UN_xiong_631	91	417 UN_xiong_631
Unigene_GPGRCDD02F8AFJ_xiong	56	53 GPGRCDD02F8AFJ_xion
Unigene_UN_xiong_8687	302	327 UN_xiong_8687
Unigene_UN_xiong_13831	103	52 UN_xiong_13831
Unigene_UN_xiong_242	185	48 UN_xiong_242
Unigene_UN_xiong_12602	57	20 UN_xiong_12602
Unigene_UN_xiong_10293	60	298 UN_xiong_10293
Unigene_UN_xiong_14372	102	37 UN_xiong_14372
Unigene_GPGRCDD02I2HQQW_xiong	30	33 GPGRCDD02I2HQQW_xion

Unigene_GR6TTJD01A1QLE_xiong	24	130 GR6TTJD01A1QLE_xion
Unigene_UN_xiong_4643	279	1417 UN_xiong_4643
Unigene_UN_xiong_13886	79	25 UN_xiong_13886
Unigene_GP8I43W03GWLVR_xiong	72	67 GP8I43W03GWLVR_xion
Unigene_UN_xiong_14647	110	80 UN_xiong_14647
Unigene_UN_xiong_1840	158	22 UN_xiong_1840
Unigene_UN_xiong_11165	59	26 UN_xiong_11165
Unigene_GR6TTJD01BLA3X_xiong	26	24 GR6TTJD01BLA3X_xion
Unigene_UN_xiong_2344	54	414 UN_xiong_2344
Unigene_UN_xiong_11660	117	293 UN_xiong_11660
Unigene_UN_xiong_15556	2968	1647 UN_xiong_15556
Unigene_GPGRCDD02HGKBO_xiong	28	898 GPGRCDD02HGKBO_xion
Unigene_GR6TTJD01CDXM4_xiong	26	23 GR6TTJD01CDXM4_xion
Unigene_UN_xiong_10954	248	31 UN_xiong_10954
Unigene_UN_xiong_9659	53	61 UN_xiong_9659
Unigene_GR6TTJD01A21DM_xiong	22	45 GR6TTJD01A21DM_xion
Unigene_UN_xiong_14952	139	100 UN_xiong_14952
Unigene_UN_xiong_10309	157	354 UN_xiong_10309
Unigene_UN_xiong_4237	6655	326 UN_xiong_4237
Unigene_UN_xiong_6056	120	23 UN_xiong_6056
Unigene_UN_xiong_11796	83	67 UN_xiong_11796
Unigene_UN_xiong_2290	158	58 UN_xiong_2290
Unigene_UN_xiong_7639	75	112 UN_xiong_7639
Unigene_UN_xiong_2696	95	30 UN_xiong_2696
Unigene_UN_xiong_7589	299	194 UN_xiong_7589
Unigene_UN_xiong_8012	58	27 UN_xiong_8012
Unigene_UN_xiong_984	156	318 UN_xiong_984
Unigene_UN_xiong_14595	133	65 UN_xiong_14595
Unigene_UN_xiong_15382	6739	793 UN_xiong_15382
Unigene_UN_xiong_5378	320	155 UN_xiong_5378
Unigene_UN_xiong_11886	87	78 UN_xiong_11886
Unigene_UN_xiong_14725	255	70 UN_xiong_14725
Unigene_GR6TTJD01BE04C_xiong	24	39 GR6TTJD01BE04C_xion
Unigene_GR6TTJD01ARQBG_xiong	30	31 GR6TTJD01ARQBG_xion
Unigene_GPGRCDD02IX7YD_xiong	23	102 GPGRCDD02IX7YD_xion
Unigene_GP8I43W03HBULJ_xiong	43	76 GP8I43W03HBULJ_xion
Unigene_UN_xiong_14905	12337	11775 UN_xiong_14905
Unigene_UN_xiong_13604	86	129 UN_xiong_13604
Unigene_UN_xiong_13016	535	766 UN_xiong_13016
Unigene_UN_xiong_13813	66	65 UN_xiong_13813
Unigene_UN_xiong_1155	200	411 UN_xiong_1155
Unigene_UN_xiong_2973	823	746 UN_xiong_2973
Unigene_GP8I43W03HCG81_xiong	38	40 GP8I43W03HCG81_xion
Unigene_UN_xiong_316	79	212 UN_xiong_316
Unigene_UN_xiong_4833	91	177 UN_xiong_4833
Unigene_UN_xiong_9043	55	28 UN_xiong_9043
Unigene_UN_xiong_9328	77	108 UN_xiong_9328
Unigene_UN_xiong_4496	165	281 UN_xiong_4496
Unigene_UN_xiong_1690	1483	227 UN_xiong_1690
Unigene_UN_xiong_13311	117	204 UN_xiong_13311

Unigene_GPGRCDD02F43H4_xiong	66	91 GPGRCDD02F43H4_xion
Unigene_UN_xiong_234	66	167 UN_xiong_234
Unigene_UN_xiong_12521	142	118 UN_xiong_12521
Unigene_UN_xiong_6377	74	66 UN_xiong_6377
Unigene_UN_xiong_2274	204	221 UN_xiong_2274
Unigene_GR6TTJD01A3DK7_xiong	39	46 GR6TTJD01A3DK7_xion
Unigene_UN_xiong_7733	53	126 UN_xiong_7733
Unigene_UN_xiong_3801	60	19 UN_xiong_3801
Unigene_GR6TTJD01AFQ86_xiong	24	21 GR6TTJD01AFQ86_xion
Unigene_UN_xiong_3071	58	67 UN_xiong_3071
Unigene_UN_xiong_7147	107	138 UN_xiong_7147
Unigene_GR6TTJD01BT6VN_xiong	23	26 GR6TTJD01BT6VN_xion
Unigene_UN_xiong_3286	144	396 UN_xiong_3286
Unigene_UN_xiong_1233	42	136 UN_xiong_1233
Unigene_UN_xiong_9306	60	104 UN_xiong_9306
Unigene_GR6TTJD01BI2PU_xiong	26	27 GR6TTJD01BI2PU_xion
Unigene_UN_xiong_4514	408	277 UN_xiong_4514
Unigene_UN_xiong_2878	64	108 UN_xiong_2878
Unigene_UN_xiong_138	290	74 UN_xiong_138
Unigene_UN_xiong_544	222	259 UN_xiong_544
Unigene_UN_xiong_6225	81	29 UN_xiong_6225
Unigene_GPGRCDD02FY507_xiong	27	37 GPGRCDD02FY507_xion
Unigene_UN_xiong_5707	142	358 UN_xiong_5707
Unigene_GPGRCDD02I5ZUC_xiong	85	1288 GPGRCDD02I5ZUC_xion
Unigene_GPGRCDD02IMEMR_xiong	20	49 GPGRCDD02IMEMR_xion
Unigene_UN_xiong_14497	568	341 UN_xiong_14497
Unigene_UN_xiong_11612	543	30 UN_xiong_11612
Unigene_UN_xiong_10847	697	398 UN_xiong_10847
Unigene_UN_xiong_1280	2641	765 UN_xiong_1280
Unigene_GR6TTJD01BGS1G_xiong	37	32 GR6TTJD01BGS1G_xion
Unigene_UN_xiong_3802	224	534 UN_xiong_3802
Unigene_UN_xiong_14877	1204	383 UN_xiong_14877
Unigene_UN_xiong_10186	82	253 UN_xiong_10186
Unigene_UN_xiong_4533	470	1243 UN_xiong_4533
Unigene_UN_xiong_1187	235	100 UN_xiong_1187
Unigene_GR6TTJD01BKMQ6_xiong	28	23 GR6TTJD01BKMQ6_xion
Unigene_UN_xiong_8138	64	53 UN_xiong_8138
Unigene_UN_xiong_5023	86	25 UN_xiong_5023
Unigene_UN_xiong_1894	62	359 UN_xiong_1894
Unigene_UN_xiong_15624	462	460 UN_xiong_15624
Unigene_UN_xiong_11993	61	26 UN_xiong_11993
Unigene_GP8I43W03GLRHZ_xiong	73	224 GP8I43W03GLRHZ_xion
Unigene_GR6TTJD01B599R_xiong	32	124 GR6TTJD01B599R_xion
Unigene_UN_xiong_3622	51	92 UN_xiong_3622
Unigene_GP8I43W03FOAKI_xiong	27	24 GP8I43W03FOAKI_xion
Unigene_GR6TTJD01A452U_xiong	30	31 GR6TTJD01A452U_xion
Unigene_UN_xiong_14915	161	272 UN_xiong_14915
Unigene_GR6TTJD01AJJKG_xiong	31	89 GR6TTJD01AJJKG_xion
Unigene_UN_xiong_5445	42	43 UN_xiong_5445
Unigene_GP8I43W03F4Z5R_xiong	51	46 GP8I43W03F4Z5R_xion

Unigene_UN_xiong_13087	42	93 UN_xiong_13087
Unigene_UN_xiong_270	320	87 UN_xiong_270
Unigene_UN_xiong_6275	50	91 UN_xiong_6275
Unigene_GR6TTJD01CD9GC_xiong	62	80 GR6TTJD01CD9GC_xion
Unigene_UN_xiong_7881	150	224 UN_xiong_7881
Unigene_UN_xiong_15139	920	469 UN_xiong_15139
Unigene_UN_xiong_1287	145	109 UN_xiong_1287
Unigene_GP8I43W03GMLSQ_xiong	29	20 GP8I43W03GMLSQ_xion
Unigene_UN_xiong_1015	345	986 UN_xiong_1015
Unigene_UN_xiong_3631	36	32 UN_xiong_3631
Unigene_UN_xiong_11811	246	163 UN_xiong_11811
Unigene_GP8I43W03F5H7X_xiong	36	50 GP8I43W03F5H7X_xion
Unigene_UN_xiong_14478	236	357 UN_xiong_14478
Unigene_GPGRCDD02FJH27_xiong	94	238 GPGRCDD02FJH27_xion
Unigene_UN_xiong_4548	89	406 UN_xiong_4548
Unigene_UN_xiong_4784	75	331 UN_xiong_4784
Unigene_GPGRCDD02IHRLP_xiong	22	115 GPGRCDD02IHRLP_xion
Unigene_UN_xiong_6922	31	154 UN_xiong_6922
Unigene_GP8I43W03G1BBF_xiong	27	123 GP8I43W03G1BBF_xion
Unigene_UN_xiong_3495	426	397 UN_xiong_3495
Unigene_UN_xiong_4615	161	1079 UN_xiong_4615
Unigene_UN_xiong_15043	353	561 UN_xiong_15043
Unigene_GPGRCDD02GFWWN_xiong	24	85 GPGRCDD02GFWWN_xion
Unigene_UN_xiong_9962	145	166 UN_xiong_9962
Unigene_UN_xiong_15692	387	215 UN_xiong_15692
Unigene_GPGRCDD02F3323_xiong	21	25 GPGRCDD02F3323_xion
Unigene_UN_xiong_14849	272	111 UN_xiong_14849
Unigene_GPGRCDD02JVJ83_xiong	20	456 GPGRCDD02JVJ83_xion
Unigene_GPGRCDD02G5SQA_xiong	28	107 GPGRCDD02G5SQA_xion
Unigene_GR6TTJD01CDZ53_xiong	38	32 GR6TTJD01CDZ53_xion
Unigene_UN_xiong_13566	211	71 UN_xiong_13566
Unigene_UN_xiong_1462	131	1214 UN_xiong_1462
Unigene_GPGRCDD02HRJOH_xiong	23	30 GPGRCDD02HRJOH_xion
Unigene_UN_xiong_14262	179	71 UN_xiong_14262
Unigene_UN_xiong_589	1575	312 UN_xiong_589
Unigene_UN_xiong_10440	78	29 UN_xiong_10440
Unigene_UN_xiong_14842	502	4128 UN_xiong_14842
Unigene_UN_xiong_1333	398	749 UN_xiong_1333
Unigene_GPGRCDD02IDS4N_xiong	62	72 GPGRCDD02IDS4N_xion
Unigene_UN_xiong_7823	154	85 UN_xiong_7823
Unigene_GPGRCDD02JHC7A_xiong	56	153 GPGRCDD02JHC7A_xion
Unigene_GR6TTJD01BTIXF_xiong	30	31 GR6TTJD01BTIXF_xion
Unigene_UN_xiong_6146	57	324 UN_xiong_6146
Unigene_UN_xiong_464	92	59 UN_xiong_464
Unigene_UN_xiong_10562	206	522 UN_xiong_10562
Unigene_UN_xiong_14821	61	179 UN_xiong_14821
Unigene_UN_xiong_4276	1091	364 UN_xiong_4276
Unigene_GR6TTJD01B7720_xiong	31	26 GR6TTJD01B7720_xion
Unigene_UN_xiong_12884	1457	107 UN_xiong_12884
Unigene_GPGRCDD02G536C_xiong	26	33 GPGRCDD02G536C_xion

Unigene_UN_xiong_14067	243	70 UN_xiong_14067
Unigene_GPGRCD02HBSMH_xiong	25	42 GPGRCD02HBSMH_xion
Unigene_UN_xiong_6263	105	125 UN_xiong_6263
Unigene_UN_xiong_112	102	1687 UN_xiong_112
Unigene_UN_xiong_6167	116	33 UN_xiong_6167
Unigene_UN_xiong_5457	234	82 UN_xiong_5457
Unigene_UN_xiong_662	455	386 UN_xiong_662
Unigene_UN_xiong_6570	73	73 UN_xiong_6570
Unigene_UN_xiong_15567	121	51 UN_xiong_15567
Unigene_UN_xiong_5322	50	83 UN_xiong_5322
Unigene_UN_xiong_1099	545	117 UN_xiong_1099
Unigene_UN_xiong_7136	91	35 UN_xiong_7136
Unigene_GR6TTJD01BFR1T_xiong	56	34 GR6TTJD01BFR1T_xion
Unigene_GR6TTJD01B4J83_xiong	85	76 GR6TTJD01B4J83_xion
Unigene_UN_xiong_11461	104	113 UN_xiong_11461
Unigene_GR6TTJD01BL2I7_xiong	77	325 GR6TTJD01BL2I7_xion
Unigene_UN_xiong_6878	343	300 UN_xiong_6878
Unigene_UN_xiong_3218	155	71 UN_xiong_3218
Unigene_UN_xiong_6992	120	66 UN_xiong_6992
Unigene_UN_xiong_2711	189	27 UN_xiong_2711
Unigene_GR6TTJD01BNYOU_xiong	33	21 GR6TTJD01BNYOU_xion
Unigene_UN_xiong_14330	551	207 UN_xiong_14330
Unigene_GR6TTJD01A3IGY_xiong	23	21 GR6TTJD01A3IGY_xion
Unigene_UN_xiong_12244	60	100 UN_xiong_12244
Unigene_UN_xiong_15702	235	297 UN_xiong_15702
Unigene_UN_xiong_12422	30	258 UN_xiong_12422
Unigene_UN_xiong_7323	58	249 UN_xiong_7323
Unigene_UN_xiong_2562	83	274 UN_xiong_2562
Unigene_UN_xiong_13515	619	2300 UN_xiong_13515
Unigene_GPGRCD02JTMV4_xiong	20	72 GPGRCD02JTMV4_xion
Unigene_GR6TTJD01CAEG4_xiong	43	44 GR6TTJD01CAEG4_xion
Unigene_GPGRCD02H6BZO_xiong	24	80 GPGRCD02H6BZO_xion
Unigene_UN_xiong_1728	74	122 UN_xiong_1728
Unigene_GR6TTJD01BQULS_xiong	25	160 GR6TTJD01BQULS_xion
Unigene_GP8I43W03F5CLI_xiong	27	275 GP8I43W03F5CLI_xion
Unigene_GPGRCD02FQPCL_xiong	26	23 GPGRCD02FQPCL_xion
Unigene_GR6TTJD01BM15A_xiong	35	83 GR6TTJD01BM15A_xion
Unigene_UN_xiong_4208	81	95 UN_xiong_4208
Unigene_UN_xiong_8115	265	144 UN_xiong_8115
Unigene_GR6TTJD01AWPMW_xiong	39	40 GR6TTJD01AWPMW_xion
Unigene_UN_xiong_1383	142	30 UN_xiong_1383
Unigene_UN_xiong_591	49	95 UN_xiong_591
Unigene_UN_xiong_3642	63	41 UN_xiong_3642
Unigene_GP8I43W03FPNF8_xiong	50	45 GP8I43W03FPNF8_xion
Unigene_GP8I43W03GYYGE_xiong	47	45 GP8I43W03GYYGE_xion
Unigene_GR6TTJD01BJDEK_xiong	28	63 GR6TTJD01BJDEK_xion
Unigene_UN_xiong_7775	113	154 UN_xiong_7775
Unigene_UN_xiong_1247	898	1921 UN_xiong_1247
Unigene_UN_xiong_13097	898	848 UN_xiong_13097
Unigene_UN_xiong_14978	2492	699 UN_xiong_14978

Unigene_UN_xiong_971	294	1869 UN_xiong_971
Unigene_UN_xiong_12920	69	21 UN_xiong_12920
Unigene_UN_xiong_1199	412	97 UN_xiong_1199
Unigene_UN_xiong_9634	72	94 UN_xiong_9634
Unigene_UN_xiong_14541	397	251 UN_xiong_14541
Unigene_UN_xiong_1893	32	81 UN_xiong_1893
Unigene_UN_xiong_12517	55	33 UN_xiong_12517
Unigene_GPGRCD02H8B8D_xiong	20	194 GPGRCD02H8B8D_xion
Unigene_UN_xiong_1089	100	68 UN_xiong_1089
Unigene_UN_xiong_12956	78	219 UN_xiong_12956
Unigene_UN_xiong_13553	98	19 UN_xiong_13553
Unigene_UN_xiong_2574	147	107 UN_xiong_2574
Unigene_GR6TTJD01BY511_xiong	46	65 GR6TTJD01BY511_xion
Unigene_UN_xiong_9163	619	392 UN_xiong_9163
Unigene_UN_xiong_8838	146	345 UN_xiong_8838
Unigene_UN_xiong_8825	73	32 UN_xiong_8825
Unigene_UN_xiong_14409	766	929 UN_xiong_14409
Unigene_UN_xiong_3263	79	26 UN_xiong_3263
Unigene_UN_xiong_2659	82	22 UN_xiong_2659
Unigene_UN_xiong_13969	99	30 UN_xiong_13969
Unigene_UN_xiong_11018	35	67 UN_xiong_11018
Unigene_UN_xiong_1654	251	72 UN_xiong_1654
Unigene_UN_xiong_6142	75	76 UN_xiong_6142
Unigene_UN_xiong_247	39	61 UN_xiong_247
Unigene_GP8I43W03FSFCD_xiong	56	242 GP8I43W03FSFCD_xion
Unigene_GPGRCD02IUZ01_xiong	47	46 GPGRCD02IUZ01_xion
Unigene_UN_xiong_3040	253	270 UN_xiong_3040
Unigene_UN_xiong_9221	112	74 UN_xiong_9221
Unigene_UN_xiong_3687	65	43 UN_xiong_3687
Unigene_UN_xiong_145	459	135 UN_xiong_145
Unigene_GPGRCD02IAIMZ_xiong	32	53 GPGRCD02IAIMZ_xion
Unigene_UN_xiong_6111	91	90 UN_xiong_6111
Unigene_UN_xiong_14810	189	152 UN_xiong_14810
Unigene_GR6TTJD01A6LNA_xiong	30	60 GR6TTJD01A6LNA_xion
Unigene_UN_xiong_15021	343	26 UN_xiong_15021
Unigene_GR6TTJD01AQP3E_xiong	26	72 GR6TTJD01AQP3E_xion
Unigene_UN_xiong_3696	70	60 UN_xiong_3696
Unigene_UN_xiong_4121	53	42 UN_xiong_4121
Unigene_UN_xiong_8660	94	41 UN_xiong_8660
Unigene_UN_xiong_5480	223	103 UN_xiong_5480
Unigene_UN_xiong_11477	278	37 UN_xiong_11477
Unigene_UN_xiong_8917	51	41 UN_xiong_8917
Unigene_GP8I43W03GDAJL_xiong	63	84 GP8I43W03GDAJL_xion
Unigene_UN_xiong_4674	40	270 UN_xiong_4674
Unigene_UN_xiong_13871	56	78 UN_xiong_13871
Unigene_UN_xiong_5714	196	102 UN_xiong_5714
Unigene_UN_xiong_14435	528	44 UN_xiong_14435
Unigene_UN_xiong_9071	73	335 UN_xiong_9071
Unigene_UN_xiong_3203	1131	1187 UN_xiong_3203
Unigene_UN_xiong_1529	29	138 UN_xiong_1529

Unigene_UN_xiong_13915	73	52 UN_xiong_13915
Unigene_GR6TTJD01AFKY9_xiong	37	66 GR6TTJD01AFKY9_xion
Unigene_UN_xiong_9239	50	111 UN_xiong_9239
Unigene_UN_xiong_7202	192	25 UN_xiong_7202
Unigene_UN_xiong_3091	88	120 UN_xiong_3091
Unigene_UN_xiong_15647	193	160 UN_xiong_15647
Unigene_GPGRCDD02JIUUR_xiong	26	26 GPGRCDD02JIUUR_xion
Unigene_UN_xiong_6173	210	237 UN_xiong_6173
Unigene_UN_xiong_7858	50	20 UN_xiong_7858
Unigene_GPGRCDD02JX3JI_xiong	36	40 GPGRCDD02JX3JI_xion
Unigene_UN_xiong_13647	106	29 UN_xiong_13647
Unigene_GR6TTJD01B715J_xiong	61	53 GR6TTJD01B715J_xion
Unigene_GR6TTJD01B7CPE_xiong	21	65 GR6TTJD01B7CPE_xion
Unigene_GR6TTJD01CCB3U_xiong	21	200 GR6TTJD01CCB3U_xion
Unigene_GR6TTJD01BTR90_xiong	24	93 GR6TTJD01BTR90_xion
Unigene_GR6TTJD01ANEBV_xiong	22	425 GR6TTJD01ANEBV_xion
Unigene_GR6TTJD01B1KFF_xiong	29	39 GR6TTJD01B1KFF_xion
Unigene_UN_xiong_4580	562	114 UN_xiong_4580
Unigene_UN_xiong_14265	251	396 UN_xiong_14265
Unigene_UN_xiong_5994	95	166 UN_xiong_5994
Unigene_UN_xiong_169	143	956 UN_xiong_169
Unigene_UN_xiong_10079	80	272 UN_xiong_10079
Unigene_GR6TTJD01B07KL_xiong	26	89 GR6TTJD01B07KL_xion
Unigene_UN_xiong_15023	449	79 UN_xiong_15023
Unigene_GPGRCDD02FUDGA_xiong	31	37 GPGRCDD02FUDGA_xion
Unigene_UN_xiong_4108	98	1931 UN_xiong_4108
Unigene_UN_xiong_3595	117	167 UN_xiong_3595
Unigene_GPGRCDD02H2UOR_xiong	37	35 GPGRCDD02H2UOR_xion
Unigene_GPGRCDD02H5RWL_xiong	43	359 GPGRCDD02H5RWL_xion
Unigene_GPGRCDD02G9UBT_xiong	25	32 GPGRCDD02G9UBT_xion
Unigene_UN_xiong_2525	188	28 UN_xiong_2525
Unigene_UN_xiong_14260	124	417 UN_xiong_14260
Unigene_UN_xiong_14840	162	823 UN_xiong_14840
Unigene_UN_xiong_13595	109	142 UN_xiong_13595
Unigene_UN_xiong_9965	50	39 UN_xiong_9965
Unigene_GP8I43W03FRBZW_xiong	34	65 GP8I43W03FRBZW_xion
Unigene_GPGRCDD02JT300_xiong	63	49 GPGRCDD02JT300_xion
Unigene_UN_xiong_5587	47	23 UN_xiong_5587
Unigene_GR6TTJD01B5ZYT_xiong	38	33 GR6TTJD01B5ZYT_xion
Unigene_UN_xiong_13013	281	584 UN_xiong_13013
Unigene_UN_xiong_6534	246	27 UN_xiong_6534
Unigene_GPGRCDD02JJP9E_xiong	32	35 GPGRCDD02JJP9E_xion
Unigene_GR6TTJD01AIQ25_xiong	26	32 GR6TTJD01AIQ25_xion
Unigene_UN_xiong_1513	363	23 UN_xiong_1513
Unigene_UN_xiong_14749	448	726 UN_xiong_14749
Unigene_UN_xiong_15786	398	324 UN_xiong_15786
Unigene_UN_xiong_6511	206	107 UN_xiong_6511
Unigene_UN_xiong_8630	284	595 UN_xiong_8630
Unigene_UN_xiong_11680	139	5026 UN_xiong_11680
Unigene_UN_xiong_15527	141	78 UN_xiong_15527

Unigene_GPGRCDD02GF51M_xiong	51	96 GPGRCDD02GF51M_xion
Unigene_GP8I43W03GA0HX_xiong	27	45 GP8I43W03GA0HX_xion
Unigene_UN_xiong_9524	111	80 UN_xiong_9524
Unigene_UN_xiong_10179	1109	64 UN_xiong_10179
Unigene_UN_xiong_4641	54	208 UN_xiong_4641
Unigene_GP8I43W03GH0PX_xiong	25	95 GP8I43W03GH0PX_xion
Unigene_UN_xiong_10987	55	108 UN_xiong_10987
Unigene_UN_xiong_14527	273	176 UN_xiong_14527
Unigene_UN_xiong_5214	122	25 UN_xiong_5214
Unigene_GR6TTJD01B70IV_xiong	24	90 GR6TTJD01B70IV_xion
Unigene_UN_xiong_15774	299	233 UN_xiong_15774
Unigene_UN_xiong_11159	55	93 UN_xiong_11159
Unigene_GR6TTJD01BU8EY_xiong	21	29 GR6TTJD01BU8EY_xion
Unigene_GR6TTJD01AJ3LK_xiong	50	116 GR6TTJD01AJ3LK_xion
Unigene_GPGRCDD02JB6SN_xiong	57	71 GPGRCDD02JB6SN_xion
Unigene_GPGRCDD02J1Z6N_xiong	59	90 GPGRCDD02J1Z6N_xion
Unigene_UN_xiong_10580	347	70 UN_xiong_10580
Unigene_GP8I43W03GYJWH_xiong	41	39 GP8I43W03GYJWH_xion
Unigene_GR6TTJD01BFPRC_xiong	30	23 GR6TTJD01BFPRC_xion
Unigene_UN_xiong_2611	1976	1719 UN_xiong_2611
Unigene_GP8I43W03G55FQ_xiong	28	26 GP8I43W03G55FQ_xion
Unigene_UN_xiong_13966	69	98 UN_xiong_13966
Unigene_UN_xiong_8417	140	75 UN_xiong_8417
Unigene_UN_xiong_14563	1317	1304 UN_xiong_14563
Unigene_GR6TTJD01CB6LM_xiong	27	50 GR6TTJD01CB6LM_xion
Unigene_GR6TTJD01BDRIT_xiong	28	41 GR6TTJD01BDRIT_xion
Unigene_UN_xiong_1971	78	83 UN_xiong_1971
Unigene_UN_xiong_14770	132	45 UN_xiong_14770
Unigene_UN_xiong_8920	541	265 UN_xiong_8920
Unigene_UN_xiong_15542	87	29 UN_xiong_15542
Unigene_UN_xiong_38	112	42 UN_xiong_38
Unigene_UN_xiong_14717	477	381 UN_xiong_14717
Unigene_UN_xiong_4277	29	38 UN_xiong_4277
Unigene_UN_xiong_13488	168	141 UN_xiong_13488
Unigene_UN_xiong_9168	80	265 UN_xiong_9168
Unigene_UN_xiong_9688	97	45 UN_xiong_9688
Unigene_UN_xiong_14990	174	134 UN_xiong_14990
Unigene_UN_xiong_9178	118	28 UN_xiong_9178
Unigene_UN_xiong_10756	91	35 UN_xiong_10756
Unigene_UN_xiong_10374	119	68 UN_xiong_10374
Unigene_GR6TTJD01BZ4KD_xiong	30	92 GR6TTJD01BZ4KD_xion
Unigene_UN_xiong_5818	129	95 UN_xiong_5818
Unigene_UN_xiong_8120	169	535 UN_xiong_8120
Unigene_UN_xiong_4780	496	47 UN_xiong_4780
Unigene_UN_xiong_601	56	36 UN_xiong_601
Unigene_UN_xiong_10122	245	51 UN_xiong_10122
Unigene_UN_xiong_12473	61	152 UN_xiong_12473
Unigene_UN_xiong_1588	397	1639 UN_xiong_1588
Unigene_UN_xiong_15503	1081	2346 UN_xiong_15503
Unigene_UN_xiong_7884	125	28 UN_xiong_7884

Unigene_UN_xiong_13720	160	37 UN_xiong_13720
Unigene_UN_xiong_5353	168	316 UN_xiong_5353
Unigene_UN_xiong_11496	91	26 UN_xiong_11496
Unigene_UN_xiong_629	653	104 UN_xiong_629
Unigene_UN_xiong_5483	112	64 UN_xiong_5483
Unigene_UN_xiong_7854	661	278 UN_xiong_7854
Unigene_UN_xiong_1766	59	96 UN_xiong_1766
Unigene_UN_xiong_15586	88	69 UN_xiong_15586
Unigene_UN_xiong_1200	335	234 UN_xiong_1200
Unigene_UN_xiong_6761	124	170 UN_xiong_6761
Unigene_UN_xiong_10251	152	102 UN_xiong_10251
Unigene_GR6TTJD01BDQNT_xiong	29	49 GR6TTJD01BDQNT_xion
Unigene_UN_xiong_7984	46	44 UN_xiong_7984
Unigene_UN_xiong_15570	32	50 UN_xiong_15570
Unigene_UN_xiong_353	405	146 UN_xiong_353
Unigene_UN_xiong_15049	283	198 UN_xiong_15049
Unigene_GR6TTJD01B3LBH_xiong	34	42 GR6TTJD01B3LBH_xion
Unigene_UN_xiong_1964	57	27 UN_xiong_1964
Unigene_UN_xiong_4867	623	75 UN_xiong_4867
Unigene_UN_xiong_13896	191	172 UN_xiong_13896
Unigene_UN_xiong_12227	123	278 UN_xiong_12227
Unigene_UN_xiong_1807	2282	437 UN_xiong_1807
Unigene_GPGRCDD02GIPK2_xiong	35	110 GPGRCDD02GIPK2_xion
Unigene_UN_xiong_4846	170	39 UN_xiong_4846
Unigene_UN_xiong_14470	380	846 UN_xiong_14470
Unigene_UN_xiong_12570	66	102 UN_xiong_12570
Unigene_UN_xiong_12198	70	53 UN_xiong_12198
Unigene_UN_xiong_14297	131	58 UN_xiong_14297
Unigene_UN_xiong_12139	244	4019 UN_xiong_12139
Unigene_UN_xiong_6760	104	83 UN_xiong_6760
Unigene_UN_xiong_14427	194	802 UN_xiong_14427
Unigene_UN_xiong_12675	452	197 UN_xiong_12675
Unigene_UN_xiong_12487	59	65 UN_xiong_12487
Unigene_UN_xiong_632	130	147 UN_xiong_632
Unigene_UN_xiong_10604	184	33 UN_xiong_10604
Unigene_UN_xiong_5755	90	75 UN_xiong_5755
Unigene_UN_xiong_3281	39	30 UN_xiong_3281
Unigene_UN_xiong_14460	258	39 UN_xiong_14460
Unigene_UN_xiong_5130	202	10038 UN_xiong_5130
Unigene_UN_xiong_15175	339	377 UN_xiong_15175
Unigene_UN_xiong_1005	156	404 UN_xiong_1005
Unigene_GR6TTJD01AXVBV_xiong	49	64 GR6TTJD01AXVBV_xion
Unigene_UN_xiong_3997	615	135 UN_xiong_3997
Unigene_GR6TTJD01A8PQD_xiong	34	35 GR6TTJD01A8PQD_xion
Unigene_UN_xiong_6541	129	519 UN_xiong_6541
Unigene_UN_xiong_13569	4533	53675 UN_xiong_13569
Unigene_UN_xiong_13217	122	2691 UN_xiong_13217
Unigene_UN_xiong_10591	364	40 UN_xiong_10591
Unigene_GR6TTJD01BRMAG_xiong	28	37 GR6TTJD01BRMAG_xion
Unigene_UN_xiong_2347	45	57 UN_xiong_2347

Unigene_UN_xiong_419	405	74 UN_xiong_419
Unigene_UN_xiong_8732	186	387 UN_xiong_8732
Unigene_UN_xiong_5425	97	76 UN_xiong_5425
Unigene_UN_xiong_12684	44	99 UN_xiong_12684
Unigene_GP8I43W03GN4UY_xiong	40	51 GP8I43W03GN4UY_xion
Unigene_UN_xiong_2768	36	126 UN_xiong_2768
Unigene_UN_xiong_7815	42	278 UN_xiong_7815
Unigene_UN_xiong_14199	66	125 UN_xiong_14199
Unigene_UN_xiong_610	116	41 UN_xiong_610
Unigene_UN_xiong_1379	78	1132 UN_xiong_1379
Unigene_UN_xiong_6577	100	69 UN_xiong_6577
Unigene_UN_xiong_9042	43	116 UN_xiong_9042
Unigene_UN_xiong_14176	128	77 UN_xiong_14176
Unigene_UN_xiong_10682	120	63 UN_xiong_10682
Unigene_UN_xiong_11809	65	43 UN_xiong_11809
Unigene_GPGRCDD02IOEE3_xiong	76	64 GPGRCDD02IOEE3_xion
Unigene_UN_xiong_762	103	98 UN_xiong_762
Unigene_UN_xiong_1182	42	25 UN_xiong_1182
Unigene_UN_xiong_13614	53	60 UN_xiong_13614
Unigene_UN_xiong_13640	37	86 UN_xiong_13640
Unigene_UN_xiong_4266	61	600 UN_xiong_4266
Unigene_GPGRCDD02GREDH_xiong	38	77 GPGRCDD02GREDH_xion
Unigene_UN_xiong_6123	32	56 UN_xiong_6123
Unigene_UN_xiong_13743	55	82 UN_xiong_13743
Unigene_UN_xiong_8041	45	41 UN_xiong_8041
Unigene_UN_xiong_4059	327	136 UN_xiong_4059
Unigene_UN_xiong_2340	767	122 UN_xiong_2340
Unigene_UN_xiong_3822	72	449 UN_xiong_3822
Unigene_GP8I43W03GDUGS_xiong	37	50 GP8I43W03GDUGS_xion
Unigene_UN_xiong_5508	117	291 UN_xiong_5508
Unigene_UN_xiong_12557	88	23 UN_xiong_12557
Unigene_UN_xiong_6795	33	116 UN_xiong_6795
Unigene_UN_xiong_14962	2668	1944 UN_xiong_14962
Unigene_UN_xiong_11383	58	33 UN_xiong_11383
Unigene_UN_xiong_2751	53	137 UN_xiong_2751
Unigene_UN_xiong_13181	70	29 UN_xiong_13181
Unigene_GR6TTJD01BJHDB_xiong	21	53 GR6TTJD01BJHDB_xion
Unigene_UN_xiong_1170	437	37 UN_xiong_1170
Unigene_UN_xiong_13845	417	508 UN_xiong_13845
Unigene_UN_xiong_1842	782	80 UN_xiong_1842
Unigene_UN_xiong_12555	165	52 UN_xiong_12555
Unigene_UN_xiong_14859	645	226 UN_xiong_14859
Unigene_UN_xiong_7090	47	144 UN_xiong_7090
Unigene_UN_xiong_13109	105	148 UN_xiong_13109
Unigene_UN_xiong_8471	150	216 UN_xiong_8471
Unigene_GP8I43W03FPPFMZ_xiong	38	40 GP8I43W03FPPFMZ_xion
Unigene_UN_xiong_2183	60	50 UN_xiong_2183
Unigene_UN_xiong_6836	141	31 UN_xiong_6836
Unigene_UN_xiong_9565	31	39 UN_xiong_9565
Unigene_UN_xiong_13959	131	34 UN_xiong_13959

Unigene_UN_xiong_11771	136	59 UN_xiong_11771
Unigene_UN_xiong_11465	57	33 UN_xiong_11465
Unigene_UN_xiong_11271	73	25 UN_xiong_11271
Unigene_UN_xiong_2821	38	224 UN_xiong_2821
Unigene_UN_xiong_14511	147	46 UN_xiong_14511
Unigene_UN_xiong_7876	236	35 UN_xiong_7876
Unigene_GR6TTJD01A0AJL_xiong	38	24 GR6TTJD01A0AJL_xion
Unigene_UN_xiong_922	99	69 UN_xiong_922
Unigene_UN_xiong_1012	59	29 UN_xiong_1012
Unigene_GPGRCD02F5NMB_xiong	35	66 GPGRCD02F5NMB_xion
Unigene_UN_xiong_4359	1567	1585 UN_xiong_4359
Unigene_GR6TTJD01BLKML_xiong	29	63 GR6TTJD01BLKML_xion
Unigene_UN_xiong_3349	90	115 UN_xiong_3349
Unigene_UN_xiong_13713	742	1384 UN_xiong_13713
Unigene_UN_xiong_4497	326	163 UN_xiong_4497
Unigene_UN_xiong_14566	1884	690 UN_xiong_14566
Unigene_UN_xiong_2270	408	55 UN_xiong_2270
Unigene_GR6TTJD01B00JE_xiong	27	67 GR6TTJD01B00JE_xion
Unigene_UN_xiong_11327	305	49 UN_xiong_11327
Unigene_UN_xiong_15747	280	110 UN_xiong_15747
Unigene_GR6TTJD01B80XL_xiong	85	85 GR6TTJD01B80XL_xion
Unigene_GR6TTJD01BG9KN_xiong	31	41 GR6TTJD01BG9KN_xion
Unigene_UN_xiong_3659	776	36 UN_xiong_3659
Unigene_UN_xiong_4172	420	955 UN_xiong_4172
Unigene_UN_xiong_13476	303	83 UN_xiong_13476
Unigene_UN_xiong_13925	1128	12535 UN_xiong_13925
Unigene_GR6TTJD01B9MYG_xiong	21	103 GR6TTJD01B9MYG_xion
Unigene_GR6TTJD01BXQVR_xiong	38	34 GR6TTJD01BXQVR_xion
Unigene_UN_xiong_6371	146	118 UN_xiong_6371
Unigene_UN_xiong_9788	113	45 UN_xiong_9788
Unigene_UN_xiong_4305	81	48 UN_xiong_4305
Unigene_GP8I43W03GBC5G_xiong	25	190 GP8I43W03GBC5G_xion
Unigene_UN_xiong_13135	94	154 UN_xiong_13135
Unigene_UN_xiong_1129	193	27 UN_xiong_1129
Unigene_UN_xiong_6316	86	97 UN_xiong_6316
Unigene_UN_xiong_15740	80	125 UN_xiong_15740
Unigene_GR6TTJD01A9NES_xiong	21	56 GR6TTJD01A9NES_xion
Unigene_UN_xiong_6279	155	38 UN_xiong_6279
Unigene_UN_xiong_5827	206	94 UN_xiong_5827
Unigene_GR6TTJD01B48BI_xiong	33	37 GR6TTJD01B48BI_xion
Unigene_UN_xiong_8880	158	28 UN_xiong_8880
Unigene_UN_xiong_7632	54	22 UN_xiong_7632
Unigene_GR6TTJD01BZWHH_xiong	35	38 GR6TTJD01BZWHH_xion
Unigene_UN_xiong_8118	98	56 UN_xiong_8118
Unigene_UN_xiong_5320	44	65 UN_xiong_5320
Unigene_UN_xiong_1775	237	39 UN_xiong_1775
Unigene_UN_xiong_10855	200	32 UN_xiong_10855
Unigene_UN_xiong_14283	178	640 UN_xiong_14283
Unigene_GR6TTJD01CC035_xiong	31	29 GR6TTJD01CC035_xion
Unigene_UN_xiong_8462	121	64 UN_xiong_8462

Unigene_GR6TTJD01A65D7_xiong	27	30 GR6TTJD01A65D7_xion
Unigene_GR6TTJD01BK1K6_xiong	24	104 GR6TTJD01BK1K6_xion
Unigene_GPGRCDD02GOF2I_xiong	22	23 GPGRCDD02GOF2I_xion
Unigene_GR6TTJD01BTI68_xiong	27	82 GR6TTJD01BTI68_xion
Unigene_UN_xiong_7810	137	259 UN_xiong_7810
Unigene_UN_xiong_594	221	159 UN_xiong_594
Unigene_GPGRCDD02H5V6F_xiong	43	51 GPGRCDD02H5V6F_xion
Unigene_GR6TTJD01ATK9Z_xiong	27	275 GR6TTJD01ATK9Z_xion
Unigene_UN_xiong_15520	921	719 UN_xiong_15520
Unigene_UN_xiong_5313	53	25 UN_xiong_5313
Unigene_UN_xiong_4619	239	502 UN_xiong_4619
Unigene_GR6TTJD01BHLC2_xiong	32	21 GR6TTJD01BHLC2_xion
Unigene_UN_xiong_10869	87	62 UN_xiong_10869
Unigene_UN_xiong_929	40	113 UN_xiong_929
Unigene_GPGRCDD02GRWYQ_xiong	30	68 GPGRCDD02GRWYQ_xion
Unigene_GR6TTJD01A2LL8_xiong	20	62 GR6TTJD01A2LL8_xion
Unigene_UN_xiong_4394	169	26 UN_xiong_4394
Unigene_UN_xiong_10977	170	44 UN_xiong_10977
Unigene_UN_xiong_510	113	24 UN_xiong_510
Unigene_UN_xiong_4882	82	42 UN_xiong_4882
Unigene_UN_xiong_4175	114	67 UN_xiong_4175
Unigene_UN_xiong_200	112	58 UN_xiong_200
Unigene_UN_xiong_2117	131	52 UN_xiong_2117
Unigene_UN_xiong_14236	338	118 UN_xiong_14236
Unigene_GPGRCDD02IVZYL_xiong	76	76 GPGRCDD02IVZYL_xion
Unigene_UN_xiong_13395	63	45 UN_xiong_13395
Unigene_UN_xiong_5135	357	120 UN_xiong_5135
Unigene_GR6TTJD01A04RP_xiong	23	33 GR6TTJD01A04RP_xion
Unigene_UN_xiong_1472	147	64 UN_xiong_1472
Unigene_UN_xiong_1719	220	686 UN_xiong_1719
Unigene_UN_xiong_3672	39	132 UN_xiong_3672
Unigene_UN_xiong_2739	54	86 UN_xiong_2739
Unigene_GPGRCDD02HHWUB_xiong	23	25 GPGRCDD02HHWUB_xion
Unigene_UN_xiong_7441	58	175 UN_xiong_7441
Unigene_UN_xiong_12363	420	157 UN_xiong_12363
Unigene_UN_xiong_11239	216	29 UN_xiong_11239
Unigene_GR6TTJD01B9XQ1_xiong	19	57 GR6TTJD01B9XQ1_xion
Unigene_UN_xiong_3005	150	269 UN_xiong_3005
Unigene_UN_xiong_8071	255	618 UN_xiong_8071
Unigene_GPGRCDD02GOCGB_xiong	53	79 GPGRCDD02GOCGB_xion
Unigene_UN_xiong_8703	66	32 UN_xiong_8703
Unigene_UN_xiong_2479	227	105 UN_xiong_2479
Unigene_UN_xiong_6615	87	58 UN_xiong_6615
Unigene_GP8I43W03GAT2R_xiong	33	31 GP8I43W03GAT2R_xion
Unigene_GR6TTJD01BBW2S_xiong	32	120 GR6TTJD01BBW2S_xion
Unigene_UN_xiong_8871	80	33 UN_xiong_8871
Unigene_UN_xiong_8684	260	336 UN_xiong_8684
Unigene_UN_xiong_1407	75	145 UN_xiong_1407
Unigene_UN_xiong_7020	231	79 UN_xiong_7020
Unigene_UN_xiong_15557	512	519 UN_xiong_15557

Unigene_GPGRCDD02FYYL7_xiong	23	91 GPGRCDD02FYYL7_xion
Unigene_UN_xiong_14253	184	196 UN_xiong_14253
Unigene_GP8I43W03G9H1L_xiong	32	35 GP8I43W03G9H1L_xion
Unigene_GP8I43W03G22RZ_xiong	29	91 GP8I43W03G22RZ_xion
Unigene_UN_xiong_8535	107	210 UN_xiong_8535
Unigene_UN_xiong_3558	282	52 UN_xiong_3558
Unigene_UN_xiong_10526	136	43 UN_xiong_10526
Unigene_UN_xiong_14937	583	180 UN_xiong_14937
Unigene_GR6TTJD01BSSCM_xiong	47	38 GR6TTJD01BSSCM_xion
Unigene_UN_xiong_8950	75	294 UN_xiong_8950
Unigene_GPGRCDD02JNNZB_xiong	50	28 GPGRCDD02JNNZB_xion
Unigene_UN_xiong_13538	80	25 UN_xiong_13538
Unigene_GR6TTJD01AUNWU_xiong	38	78 GR6TTJD01AUNWU_xion
Unigene_GR6TTJD01AX6WR_xiong	36	28 GR6TTJD01AX6WR_xion
Unigene_UN_xiong_4164	103	51 UN_xiong_4164
Unigene_GPGRCDD02GSC5F_xiong	25	99 GPGRCDD02GSC5F_xion
Unigene_UN_xiong_9300	194	160 UN_xiong_9300
Unigene_UN_xiong_9226	136	259 UN_xiong_9226
Unigene_UN_xiong_13964	501	45 UN_xiong_13964
Unigene_UN_xiong_6000	134	113 UN_xiong_6000
Unigene_UN_xiong_14206	3667	1136 UN_xiong_14206
Unigene_GR6TTJD01A5D3B_xiong	25	40 GR6TTJD01A5D3B_xion
Unigene_UN_xiong_3698	43	22 UN_xiong_3698
Unigene_GR6TTJD01ANBVC_xiong	21	134 GR6TTJD01ANBVC_xion
Unigene_UN_xiong_10421	62	159 UN_xiong_10421
Unigene_UN_xiong_9908	355	111 UN_xiong_9908
Unigene_UN_xiong_11150	119	78 UN_xiong_11150
Unigene_GPGRCDD02GVGK5_xiong	32	52 GPGRCDD02GVGK5_xion
Unigene_GR6TTJD01AQMYX_xiong	44	37 GR6TTJD01AQMYX_xion
Unigene_UN_xiong_8517	687	4441 UN_xiong_8517
Unigene_UN_xiong_15543	781	439 UN_xiong_15543
Unigene_GPGRCDD02GL6VP_xiong	37	33 GPGRCDD02GL6VP_xion
Unigene_GPGRCDD02JP79T_xiong	60	41 GPGRCDD02JP79T_xion
Unigene_UN_xiong_706	465	56 UN_xiong_706
Unigene_GR6TTJD01AWTIP_xiong	33	79 GR6TTJD01AWTIP_xion
Unigene_UN_xiong_10204	192	37 UN_xiong_10204
Unigene_UN_xiong_4821	52	23 UN_xiong_4821
Unigene_UN_xiong_7500	181	40 UN_xiong_7500
Unigene_GR6TTJD01A1DC9_xiong	43	27 GR6TTJD01A1DC9_xion
Unigene_UN_xiong_12548	90	42 UN_xiong_12548
Unigene_UN_xiong_5103	56	137 UN_xiong_5103
Unigene_GP8I43W03FYOS2_xiong	25	161 GP8I43W03FYOS2_xion
Unigene_UN_xiong_8456	114	123 UN_xiong_8456
Unigene_GPGRCDD02I8W7W_xiong	44	43 GPGRCDD02I8W7W_xion
Unigene_UN_xiong_3578	39	63 UN_xiong_3578
Unigene_UN_xiong_12766	95	163 UN_xiong_12766
Unigene_UN_xiong_4889	98	57 UN_xiong_4889
Unigene_UN_xiong_6563	77	125 UN_xiong_6563
Unigene_GPGRCDD02FXNP3_xiong	65	64 GPGRCDD02FXNP3_xion
Unigene_GP8I43W03GSA1E_xiong	25	19 GP8I43W03GSA1E_xion

Unigene_GP8I43W03FOVHR_xiong	27	395 GP8I43W03FOVHR_xion
Unigene_GPGRCD02HJ3A1_xiong	33	29 GPGRCD02HJ3A1_xion
Unigene_GR6TTJD01AQK7H_xiong	41	47 GR6TTJD01AQK7H_xion
Unigene_GR6TTJD01BS57G_xiong	25	23 GR6TTJD01BS57G_xion
Unigene_UN_xiong_1243	47	27 UN_xiong_1243
Unigene_UN_xiong_3764	69	61 UN_xiong_3764
Unigene_UN_xiong_10156	33	163 UN_xiong_10156
Unigene_UN_xiong_13766	115	99 UN_xiong_13766
Unigene_UN_xiong_3342	165	56 UN_xiong_3342
Unigene_UN_xiong_12045	55	391 UN_xiong_12045
Unigene_UN_xiong_13503	110	36 UN_xiong_13503
Unigene_UN_xiong_12090	65	38 UN_xiong_12090
Unigene_GPGRCD02G3E59_xiong	38	56 GPGRCD02G3E59_xion
Unigene_UN_xiong_12616	120	263 UN_xiong_12616
Unigene_UN_xiong_14270	220	1442 UN_xiong_14270
Unigene_UN_xiong_15561	65	158 UN_xiong_15561
Unigene_UN_xiong_6451	124	93 UN_xiong_6451
Unigene_UN_xiong_2677	215	124 UN_xiong_2677
Unigene_UN_xiong_11244	141	259 UN_xiong_11244
Unigene_UN_xiong_14881	569	966 UN_xiong_14881
Unigene_UN_xiong_15310	93	33 UN_xiong_15310
Unigene_GPGRCD02G8RZM_xiong	46	650 GPGRCD02G8RZM_xion
Unigene_UN_xiong_3084	154	48 UN_xiong_3084
Unigene_UN_xiong_4168	1238	2348 UN_xiong_4168
Unigene_GR6TTJD01AHJJC_xiong	24	313 GR6TTJD01AHJJC_xion
Unigene_GR6TTJD01BQTHU_xiong	22	168 GR6TTJD01BQTHU_xion
Unigene_UN_xiong_14960	171	228 UN_xiong_14960
Unigene_UN_xiong_7087	41	40 UN_xiong_7087
Unigene_UN_xiong_3092	60	24 UN_xiong_3092
Unigene_UN_xiong_14334	1216	828 UN_xiong_14334
Unigene_GR6TTJD01AOW15_xiong	27	78 GR6TTJD01AOW15_xion
Unigene_UN_xiong_1416	206	412 UN_xiong_1416
Unigene_UN_xiong_1756	303	371 UN_xiong_1756
Unigene_UN_xiong_12155	68	52 UN_xiong_12155
Unigene_UN_xiong_8488	56	88 UN_xiong_8488
Unigene_UN_xiong_13320	95	55 UN_xiong_13320
Unigene_UN_xiong_7280	154	20 UN_xiong_7280
Unigene_GPGRCD02FMEWN_xiong	36	28 GPGRCD02FMEWN_xion
Unigene_UN_xiong_1982	269	100 UN_xiong_1982
Unigene_UN_xiong_7648	209	28 UN_xiong_7648
Unigene_GR6TTJD01CDEKI_xiong	26	60 GR6TTJD01CDEKI_xion
Unigene_UN_xiong_4724	380	282 UN_xiong_4724
Unigene_UN_xiong_9903	51	99 UN_xiong_9903
Unigene_UN_xiong_4440	42	38 UN_xiong_4440
Unigene_UN_xiong_307	238	1059 UN_xiong_307
Unigene_UN_xiong_2275	45	25 UN_xiong_2275
Unigene_UN_xiong_801	67	69 UN_xiong_801
Unigene_UN_xiong_3922	208	106 UN_xiong_3922
Unigene_UN_xiong_1119	76	25 UN_xiong_1119
Unigene_UN_xiong_11784	105	66 UN_xiong_11784

Unigene_GR6TTJD01BHS8B_xiong	44	43 GR6TTJD01BHS8B_xion
Unigene_UN_xiong_12272	51	27 UN_xiong_12272
Unigene_UN_xiong_4504	102	40 UN_xiong_4504
Unigene_GP8I43W03F3A82_xiong	27	43 GP8I43W03F3A82_xion
Unigene_UN_xiong_14308	2896	3434 UN_xiong_14308
Unigene_UN_xiong_14826	121	231 UN_xiong_14826
Unigene_GP8I43W03HE1E5_xiong	21	360 GP8I43W03HE1E5_xion
Unigene_UN_xiong_13015	204	258 UN_xiong_13015
Unigene_UN_xiong_9466	89	216 UN_xiong_9466
Unigene_GR6TTJD01AXQJ2_xiong	62	38 GR6TTJD01AXQJ2_xion
Unigene_UN_xiong_11687	151	116 UN_xiong_11687
Unigene_GR6TTJD01A1T9D_xiong	29	42 GR6TTJD01A1T9D_xion
Unigene_UN_xiong_4430	143	1933 UN_xiong_4430
Unigene_UN_xiong_10210	107	76 UN_xiong_10210
Unigene_UN_xiong_14804	165	252 UN_xiong_14804
Unigene_UN_xiong_562	129	294 UN_xiong_562
Unigene_UN_xiong_2087	66	123 UN_xiong_2087
Unigene_UN_xiong_7469	109	186 UN_xiong_7469
Unigene_UN_xiong_14083	157	29 UN_xiong_14083
Unigene_UN_xiong_9482	161	20 UN_xiong_9482
Unigene_GPGRCD02FTRWR_xiong	21	44 GPGRCD02FTRWR_xion
Unigene_UN_xiong_5674	216	31 UN_xiong_5674
Unigene_UN_xiong_15785	542	2215 UN_xiong_15785
Unigene_GPGRCD02FNXJ_xiong	40	223 GPGRCD02FNXJ_xion
Unigene_UN_xiong_1465	77	45 UN_xiong_1465
Unigene_UN_xiong_6739	395	45 UN_xiong_6739
Unigene_UN_xiong_8023	192	44 UN_xiong_8023
Unigene_UN_xiong_2554	42	965 UN_xiong_2554
Unigene_UN_xiong_13241	84	578 UN_xiong_13241
Unigene_UN_xiong_8936	25	186 UN_xiong_8936
Unigene_UN_xiong_10528	173	301 UN_xiong_10528
Unigene_UN_xiong_13198	78	111 UN_xiong_13198
Unigene_GPGRCD02FV32C_xiong	25	233 GPGRCD02FV32C_xion
Unigene_UN_xiong_9830	94	1135 UN_xiong_9830
Unigene_UN_xiong_8657	97	110 UN_xiong_8657
Unigene_UN_xiong_1326	105	541 UN_xiong_1326
Unigene_GP8I43W03GRU2L_xiong	48	31 GP8I43W03GRU2L_xion
Unigene_UN_xiong_8886	136	227 UN_xiong_8886
Unigene_GPGRCD02GUVY2_xiong	22	52 GPGRCD02GUVY2_xion
Unigene_UN_xiong_717	100	151 UN_xiong_717
Unigene_GR6TTJD01A3M52_xiong	20	123 GR6TTJD01A3M52_xion
Unigene_UN_xiong_8653	45	103 UN_xiong_8653
Unigene_GR6TTJD01BG2VL_xiong	21	23 GR6TTJD01BG2VL_xion
Unigene_UN_xiong_5815	87	22 UN_xiong_5815
Unigene_UN_xiong_3811	72	478 UN_xiong_3811
Unigene_UN_xiong_13437	138	75 UN_xiong_13437
Unigene_UN_xiong_5177	42	25 UN_xiong_5177
Unigene_GR6TTJD01AP7HD_xiong	22	28 GR6TTJD01AP7HD_xion
Unigene_UN_xiong_6414	256	50 UN_xiong_6414
Unigene_UN_xiong_4621	174	73 UN_xiong_4621

Unigene_UN_xiong_4084	319	955 UN_xiong_4084
Unigene_UN_xiong_3857	150	61 UN_xiong_3857
Unigene_UN_xiong_2497	68	71 UN_xiong_2497
Unigene_UN_xiong_12315	160	60 UN_xiong_12315
Unigene_UN_xiong_4791	91	374 UN_xiong_4791
Unigene_UN_xiong_4658	118	89 UN_xiong_4658
Unigene_UN_xiong_6286	88	43 UN_xiong_6286
Unigene_GPGRCDD02JD3FA_xiong	95	69 GPGRCDD02JD3FA_xion
Unigene_UN_xiong_6704	247	41 UN_xiong_6704
Unigene_GPGRCDD02F77T2_xiong	21	33 GPGRCDD02F77T2_xion
Unigene_UN_xiong_683	94	75 UN_xiong_683
Unigene_UN_xiong_13063	376	34 UN_xiong_13063
Unigene_UN_xiong_2265	292	500 UN_xiong_2265
Unigene_UN_xiong_13269	162	133 UN_xiong_13269
Unigene_GPGRCDD02GRF6P_xiong	45	43 GPGRCDD02GRF6P_xion
Unigene_GPGRCDD02ISOIA_xiong	28	68 GPGRCDD02ISOIA_xion
Unigene_UN_xiong_549	142	74 UN_xiong_549
Unigene_UN_xiong_2958	266	1616 UN_xiong_2958
Unigene_UN_xiong_3988	104	43 UN_xiong_3988
Unigene_UN_xiong_8096	99	51 UN_xiong_8096
Unigene_UN_xiong_7955	98	113 UN_xiong_7955
Unigene_UN_xiong_4898	112	28 UN_xiong_4898
Unigene_UN_xiong_5424	391	53 UN_xiong_5424
Unigene_GR6TTJD01ANNRN_xiong	29	117 GR6TTJD01ANNRN_xion
Unigene_UN_xiong_9425	149	24 UN_xiong_9425
Unigene_UN_xiong_5472	50	1641 UN_xiong_5472
Unigene_UN_xiong_246	230	374 UN_xiong_246
Unigene_GP8I43W03GOAN2_xiong	23	135 GP8I43W03GOAN2_xion
Unigene_GR6TTJD01BV4KK_xiong	29	45 GR6TTJD01BV4KK_xion
Unigene_UN_xiong_488	250	446 UN_xiong_488
Unigene_UN_xiong_1043	409	396 UN_xiong_1043
Unigene_UN_xiong_10741	202	614 UN_xiong_10741
Unigene_UN_xiong_1001	180	165 UN_xiong_1001
Unigene_UN_xiong_696	118	41 UN_xiong_696
Unigene_UN_xiong_821	80	25 UN_xiong_821
Unigene_UN_xiong_5692	215	32 UN_xiong_5692
Unigene_UN_xiong_12856	224	181 UN_xiong_12856
Unigene_UN_xiong_828	72	101 UN_xiong_828
Unigene_UN_xiong_2689	364	137 UN_xiong_2689
Unigene_UN_xiong_5120	81	69 UN_xiong_5120
Unigene_UN_xiong_1542	185	55 UN_xiong_1542
Unigene_UN_xiong_216	838	125 UN_xiong_216
Unigene_GR6TTJD01BR3BP_xiong	28	59 GR6TTJD01BR3BP_xion
Unigene_UN_xiong_4288	193	42 UN_xiong_4288
Unigene_UN_xiong_13634	60	714 UN_xiong_13634
Unigene_GPGRCDD02H03IC_xiong	36	65 GPGRCDD02H03IC_xion
Unigene_GPGRCDD02J0CD5_xiong	32	59 GPGRCDD02J0CD5_xion
Unigene_UN_xiong_1145	90	156 UN_xiong_1145
Unigene_UN_xiong_4995	355	241 UN_xiong_4995
Unigene_UN_xiong_9365	145	82 UN_xiong_9365

Unigene_UN_xiong_14662	127	39 UN_xiong_14662
Unigene_UN_xiong_15445	95	43 UN_xiong_15445
Unigene_GR6TTJD01B3UH9_xiong	46	55 GR6TTJD01B3UH9_xion
Unigene_UN_xiong_928	105	113 UN_xiong_928
Unigene_UN_xiong_5650	237	29 UN_xiong_5650
Unigene_GPGRCD02I3RW9_xiong	30	47 GPGRCD02I3RW9_xion
Unigene_UN_xiong_9861	166	35 UN_xiong_9861
Unigene_UN_xiong_3118	397	127 UN_xiong_3118
Unigene_UN_xiong_12838	36	53 UN_xiong_12838
Unigene_UN_xiong_1868	59	140 UN_xiong_1868
Unigene_UN_xiong_5630	110	98 UN_xiong_5630
Unigene_UN_xiong_210	153	253 UN_xiong_210
Unigene_GP8I43W03HC1GP_xiong	38	148 GP8I43W03HC1GP_xion
Unigene_UN_xiong_3294	100	22 UN_xiong_3294
Unigene_UN_xiong_486	149	165 UN_xiong_486
Unigene_GPGRCD02INVGD_xiong	31	24 GPGRCD02INVGD_xion
Unigene_GP8I43W03G05KS_xiong	23	23 GP8I43W03G05KS_xion
Unigene_UN_xiong_42	55	85 UN_xiong_42
Unigene_UN_xiong_3502	40	130 UN_xiong_3502
Unigene_UN_xiong_1512	278	349 UN_xiong_1512
Unigene_GR6TTJD01B0PK3_xiong	29	34 GR6TTJD01B0PK3_xion
Unigene_UN_xiong_10441	206	68 UN_xiong_10441
Unigene_UN_xiong_2313	222	254 UN_xiong_2313
Unigene_UN_xiong_5560	52	87 UN_xiong_5560
Unigene_UN_xiong_13349	138	70 UN_xiong_13349
Unigene_UN_xiong_8346	71	52 UN_xiong_8346
Unigene_GR6TTJD01B063R_xiong	36	106 GR6TTJD01B063R_xion
Unigene_UN_xiong_5668	127	272 UN_xiong_5668
Unigene_UN_xiong_4066	57	29 UN_xiong_4066
Unigene_UN_xiong_12892	83	23 UN_xiong_12892
Unigene_UN_xiong_14325	537	627 UN_xiong_14325
Unigene_UN_xiong_5809	281	37 UN_xiong_5809
Unigene_UN_xiong_12097	63	25 UN_xiong_12097
Unigene_UN_xiong_10564	54	26 UN_xiong_10564
Unigene_GR6TTJD01APCMA_xiong	30	53 GR6TTJD01APCMA_xion
Unigene_UN_xiong_11431	216	28 UN_xiong_11431
Unigene_UN_xiong_6469	63	35 UN_xiong_6469
Unigene_UN_xiong_8223	123	22 UN_xiong_8223
Unigene_UN_xiong_15386	174	92 UN_xiong_15386
Unigene_UN_xiong_9609	119	228 UN_xiong_9609
Unigene_GP8I43W03G8MC2_xiong	65	48 GP8I43W03G8MC2_xion
Unigene_UN_xiong_14303	169	87 UN_xiong_14303
Unigene_UN_xiong_14314	355	108 UN_xiong_14314
Unigene_UN_xiong_4710	189	172 UN_xiong_4710
Unigene_UN_xiong_352	83	126 UN_xiong_352
Unigene_UN_xiong_1167	331	373 UN_xiong_1167
Unigene_GPGRCD02HF8KY_xiong	43	43 GPGRCD02HF8KY_xion
Unigene_UN_xiong_14117	59	22 UN_xiong_14117
Unigene_UN_xiong_9409	69	38 UN_xiong_9409
Unigene_GR6TTJD01AER55_xiong	27	26 GR6TTJD01AER55_xion

Unigene_GPGRCDD02GZ14A_xiong	27	85 GPGRCDD02GZ14A_xion
Unigene_UN_xiong_15044	102	138 UN_xiong_15044
Unigene_UN_xiong_1792	448	55 UN_xiong_1792
Unigene_UN_xiong_14084	55	125 UN_xiong_14084
Unigene_UN_xiong_13218	50	90 UN_xiong_13218
Unigene_GR6TTJD01BV7FD_xiong	70	160 GR6TTJD01BV7FD_xion
Unigene_GR6TTJD01B41WQ_xiong	47	187 GR6TTJD01B41WQ_xion
Unigene_UN_xiong_10084	107	139 UN_xiong_10084
Unigene_GPGRCDD02IKPL6_xiong	28	34 GPGRCDD02IKPL6_xion
Unigene_UN_xiong_9715	233	83 UN_xiong_9715
Unigene_GPGRCDD02GTQ68_xiong	28	43 GPGRCDD02GTQ68_xion
Unigene_GPGRCDD02F2WQE_xiong	114	287 GPGRCDD02F2WQE_xion
Unigene_UN_xiong_3274	38	223 UN_xiong_3274
Unigene_UN_xiong_12240	126	400 UN_xiong_12240
Unigene_UN_xiong_14454	289	410 UN_xiong_14454
Unigene_GP8I43W03G02Q8_xiong	47	96 GP8I43W03G02Q8_xion
Unigene_UN_xiong_14816	141	85 UN_xiong_14816
Unigene_UN_xiong_2324	210	359 UN_xiong_2324
Unigene_UN_xiong_14674	614	207 UN_xiong_14674
Unigene_GR6TTJD01AQR8P8_xiong	24	148 GR6TTJD01AQR8P8_xion
Unigene_UN_xiong_9644	129	75 UN_xiong_9644
Unigene_UN_xiong_8411	310	291 UN_xiong_8411
Unigene_UN_xiong_15604	103	30 UN_xiong_15604
Unigene_UN_xiong_1211	67	91 UN_xiong_1211
Unigene_UN_xiong_8117	315	1002 UN_xiong_8117
Unigene_GPGRCDD02HVHR0_xiong	60	1033 GPGRCDD02HVHR0_xion
Unigene_UN_xiong_7743	172	380 UN_xiong_7743
Unigene_UN_xiong_78	202	142 UN_xiong_78
Unigene_UN_xiong_2119	455	202 UN_xiong_2119
Unigene_UN_xiong_3844	5482	4555 UN_xiong_3844
Unigene_UN_xiong_14873	571	207 UN_xiong_14873
Unigene_GPGRCDD02IVNNV_xiong	68	207 GPGRCDD02IVNNV_xion
Unigene_UN_xiong_14344	594	480 UN_xiong_14344
Unigene_GR6TTJD01BF10A_xiong	32	62 GR6TTJD01BF10A_xion
Unigene_UN_xiong_13116	68	41 UN_xiong_13116
Unigene_UN_xiong_13990	91	46 UN_xiong_13990
Unigene_UN_xiong_2956	2083	725 UN_xiong_2956
Unigene_UN_xiong_3503	343	241 UN_xiong_3503
Unigene_UN_xiong_4252	93	295 UN_xiong_4252
Unigene_GR6TTJD01B7QHD_xiong	44	160 GR6TTJD01B7QHD_xion
Unigene_UN_xiong_12894	161	39 UN_xiong_12894
Unigene_UN_xiong_7259	51	33 UN_xiong_7259
Unigene_UN_xiong_1087	63	763 UN_xiong_1087
Unigene_GR6TTJD01CDE5L_xiong	42	77 GR6TTJD01CDE5L_xion
Unigene_UN_xiong_4826	160	122 UN_xiong_4826
Unigene_UN_xiong_11505	58	25 UN_xiong_11505
Unigene_UN_xiong_100	155	340 UN_xiong_100
Unigene_UN_xiong_653	231	30 UN_xiong_653
Unigene_GR6TTJD01B47FG_xiong	46	96 GR6TTJD01B47FG_xion
Unigene_UN_xiong_11734	69	144 UN_xiong_11734

Unigene_UN_xiong_14906	169	177 UN_xiong_14906
Unigene_UN_xiong_13322	108	43 UN_xiong_13322
Unigene_UN_xiong_15700	126	83 UN_xiong_15700
Unigene_UN_xiong_1374	38	423 UN_xiong_1374
Unigene_GR6TTJD01BVP5_xiong	42	24 GR6TTJD01BVP5_xion
Unigene_UN_xiong_3124	112	54 UN_xiong_3124
Unigene_GP8I43W03FZRA3_xiong	61	42 GP8I43W03FZRA3_xion
Unigene_UN_xiong_1060	279	1544 UN_xiong_1060
Unigene_UN_xiong_2459	147	79 UN_xiong_2459
Unigene_UN_xiong_3090	116	55 UN_xiong_3090
Unigene_GPGRCDD02FYVI9_xiong	32	57 GPGRCDD02FYVI9_xion
Unigene_UN_xiong_3494	119	27 UN_xiong_3494
Unigene_UN_xiong_1781	45	55 UN_xiong_1781
Unigene_UN_xiong_3028	53	28 UN_xiong_3028
Unigene_GPGRCDD02G6XJT_xiong	61	74 GPGRCDD02G6XJT_xion
Unigene_UN_xiong_11180	61	86 UN_xiong_11180
Unigene_UN_xiong_8731	185	21 UN_xiong_8731
Unigene_UN_xiong_14016	69	62 UN_xiong_14016
Unigene_GPGRCDD02G3X8H_xiong	57	610 GPGRCDD02G3X8H_xion
Unigene_GR6TTJD01BH57B_xiong	37	68 GR6TTJD01BH57B_xion
Unigene_GR6TTJD01A1Q8I_xiong	38	122 GR6TTJD01A1Q8I_xion
Unigene_UN_xiong_5954	88	81 UN_xiong_5954
Unigene_UN_xiong_13255	285	1070 UN_xiong_13255
Unigene_GPGRCDD02J22CA_xiong	34	55 GPGRCDD02J22CA_xion
Unigene_UN_xiong_465	1218	182 UN_xiong_465
Unigene_UN_xiong_2495	198	445 UN_xiong_2495
Unigene_UN_xiong_8501	56	176 UN_xiong_8501
Unigene_UN_xiong_1804	91	35 UN_xiong_1804
Unigene_GR6TTJD01AHYFF_xiong	27	54 GR6TTJD01AHYFF_xion
Unigene_UN_xiong_226	85	151 UN_xiong_226
Unigene_UN_xiong_6054	59	175 UN_xiong_6054
Unigene_UN_xiong_5283	74	87 UN_xiong_5283
Unigene_GR6TTJD01ARMCO_xiong	38	52 GR6TTJD01ARMCO_xion
Unigene_GR6TTJD01AL4G7_xiong	25	44 GR6TTJD01AL4G7_xion
Unigene_UN_xiong_5845	80	20 UN_xiong_5845
Unigene_UN_xiong_40	167	235 UN_xiong_40
Unigene_GR6TTJD01BHJ2E_xiong	22	69 GR6TTJD01BHJ2E_xion
Unigene_UN_xiong_10048	53	131 UN_xiong_10048
Unigene_UN_xiong_9964	239	116 UN_xiong_9964
Unigene_UN_xiong_4599	198	571 UN_xiong_4599
Unigene_UN_xiong_12432	91	35 UN_xiong_12432
Unigene_GR6TTJD01CFBLW_xiong	60	130 GR6TTJD01CFBLW_xion
Unigene_UN_xiong_7807	101	25 UN_xiong_7807
Unigene_GPGRCDD02HS7AY_xiong	28	31 GPGRCDD02HS7AY_xion
Unigene_UN_xiong_3855	99	28 UN_xiong_3855
Unigene_GPGRCDD02HYMG2_xiong	96	62 GPGRCDD02HYMG2_xion
Unigene_UN_xiong_2662	1246	174 UN_xiong_2662
Unigene_UN_xiong_8042	74	28 UN_xiong_8042
Unigene_GP8I43W03GBEIK_xiong	27	58 GP8I43W03GBEIK_xion
Unigene_UN_xiong_570	98	26 UN_xiong_570

Unigene_GP8I43W03G8WZN_xiong	24	20 GP8I43W03G8WZN_xion
Unigene_UN_xiong_12519	187	187 UN_xiong_12519
Unigene_UN_xiong_8858	206	103 UN_xiong_8858
Unigene_UN_xiong_13174	508	113 UN_xiong_13174
Unigene_UN_xiong_5361	58	25 UN_xiong_5361
Unigene_UN_xiong_13870	412	58 UN_xiong_13870
Unigene_UN_xiong_11320	132	175 UN_xiong_11320
Unigene_UN_xiong_7574	223	222 UN_xiong_7574
Unigene_UN_xiong_12428	157	224 UN_xiong_12428
Unigene_GR6TTJD01APUWQ_xiong	22	132 GR6TTJD01APUWQ_xion
Unigene_UN_xiong_7266	78	121 UN_xiong_7266
Unigene_UN_xiong_3321	166	29 UN_xiong_3321
Unigene_UN_xiong_4517	70	188 UN_xiong_4517
Unigene_UN_xiong_98	2222	107 UN_xiong_98
Unigene_UN_xiong_15541	138	435 UN_xiong_15541
Unigene_UN_xiong_5828	50	27 UN_xiong_5828
Unigene_UN_xiong_843	82	21 UN_xiong_843
Unigene_GR6TTJD01AF6ED_xiong	32	37 GR6TTJD01AF6ED_xion
Unigene_UN_xiong_9928	79	40 UN_xiong_9928
Unigene_GR6TTJD01AK64Z_xiong	24	391 GR6TTJD01AK64Z_xion
Unigene_UN_xiong_12604	78	52 UN_xiong_12604
Unigene_GPGRCDD02I4R8J_xiong	63	702 GPGRCDD02I4R8J_xion
Unigene_UN_xiong_8638	59	22 UN_xiong_8638
Unigene_UN_xiong_4545	82	32 UN_xiong_4545
Unigene_GPGRCDD02I5V34_xiong	51	99 GPGRCDD02I5V34_xion
Unigene_UN_xiong_13095	381	55 UN_xiong_13095
Unigene_GP8I43W03HEKB7_xiong	57	131 GP8I43W03HEKB7_xion
Unigene_UN_xiong_4304	285	142 UN_xiong_4304
Unigene_UN_xiong_10123	97	147 UN_xiong_10123
Unigene_UN_xiong_4618	232	841 UN_xiong_4618
Unigene_UN_xiong_3678	88	406 UN_xiong_3678
Unigene_UN_xiong_3864	288	293 UN_xiong_3864
Unigene_GPGRCDD02IIHLA_xiong	35	29 GPGRCDD02IIHLA_xion
Unigene_UN_xiong_7329	44	43 UN_xiong_7329
Unigene_UN_xiong_15078	340	291 UN_xiong_15078
Unigene_UN_xiong_15731	126	78 UN_xiong_15731
Unigene_GR6TTJD01CD3A4_xiong	27	44 GR6TTJD01CD3A4_xion
Unigene_UN_xiong_8722	130	270 UN_xiong_8722
Unigene_UN_xiong_13798	72	23 UN_xiong_13798
Unigene_UN_xiong_15354	65	101 UN_xiong_15354
Unigene_UN_xiong_11615	110	74 UN_xiong_11615
Unigene_UN_xiong_12496	99	678 UN_xiong_12496
Unigene_UN_xiong_13023	75	30 UN_xiong_13023
Unigene_UN_xiong_1190	79	68 UN_xiong_1190
Unigene_UN_xiong_10844	134	162 UN_xiong_10844
Unigene_UN_xiong_5336	58	23 UN_xiong_5336
Unigene_UN_xiong_4976	316	111 UN_xiong_4976
Unigene_GR6TTJD01AY4G5_xiong	32	53 GR6TTJD01AY4G5_xion
Unigene_UN_xiong_14590	529	820 UN_xiong_14590
Unigene_UN_xiong_12152	63	35 UN_xiong_12152

Unigene_UN_xiong_14699	215	332 UN_xiong_14699
Unigene_GPGRCD02H0BEK_xiong	65	74 GPGRCD02H0BEK_xion
Unigene_UN_xiong_14203	584	224 UN_xiong_14203
Unigene_UN_xiong_8354	104	128 UN_xiong_8354
Unigene_GP8I43W03GBFJQ_xiong	40	45 GP8I43W03GBFJQ_xion
Unigene_UN_xiong_1881	267	205 UN_xiong_1881
Unigene_GR6TTJD01BW9D2_xiong	23	93 GR6TTJD01BW9D2_xion
Unigene_UN_xiong_13555	48	36 UN_xiong_13555
Unigene_UN_xiong_7006	52	67 UN_xiong_7006
Unigene_UN_xiong_7098	73	109 UN_xiong_7098
Unigene_UN_xiong_330	64	586 UN_xiong_330
Unigene_GPGRCD02IU94D_xiong	41	39 GPGRCD02IU94D_xion
Unigene_GR6TTJD01A0RMS_xiong	40	160 GR6TTJD01A0RMS_xion
Unigene_UN_xiong_4393	393	21 UN_xiong_4393
Unigene_UN_xiong_13278	105	224 UN_xiong_13278
Unigene_GR6TTJD01B1FX7_xiong	87	175 GR6TTJD01B1FX7_xion
Unigene_UN_xiong_9496	165	32 UN_xiong_9496
Unigene_UN_xiong_4215	123	77 UN_xiong_4215
Unigene_UN_xiong_29	251	629 UN_xiong_29
Unigene_UN_xiong_2445	51	41 UN_xiong_2445
Unigene_UN_xiong_3789	80	354 UN_xiong_3789
Unigene_UN_xiong_452	158	2923 UN_xiong_452
Unigene_UN_xiong_8693	60	28 UN_xiong_8693
Unigene_UN_xiong_3662	158	253 UN_xiong_3662
Unigene_GP8I43W03F55S9_xiong	36	40 GP8I43W03F55S9_xion
Unigene_GR6TTJD01A6DJK_xiong	28	26 GR6TTJD01A6DJK_xion
Unigene_UN_xiong_5136	64	53 UN_xiong_5136
Unigene_UN_xiong_3229	43	208 UN_xiong_3229
Unigene_UN_xiong_1703	279	83 UN_xiong_1703
Unigene_UN_xiong_11034	64	66 UN_xiong_11034
Unigene_UN_xiong_14472	500	674 UN_xiong_14472
Unigene_UN_xiong_11016	175	30 UN_xiong_11016
Unigene_UN_xiong_9265	58	32 UN_xiong_9265
Unigene_UN_xiong_15211	63	42 UN_xiong_15211
Unigene_UN_xiong_3996	153	141 UN_xiong_3996
Unigene_UN_xiong_15721	79	50 UN_xiong_15721
Unigene_UN_xiong_596	108	40 UN_xiong_596
Unigene_UN_xiong_9394	108	348 UN_xiong_9394
Unigene_UN_xiong_609	250	43 UN_xiong_609
Unigene_UN_xiong_2189	82	20 UN_xiong_2189
Unigene_UN_xiong_15686	51	140 UN_xiong_15686
Unigene_UN_xiong_15622	193	44 UN_xiong_15622
Unigene_UN_xiong_15034	395	274 UN_xiong_15034
Unigene_GR6TTJD01AW00J_xiong	68	61 GR6TTJD01AW00J_xion
Unigene_UN_xiong_1296	127	48 UN_xiong_1296
Unigene_UN_xiong_13033	748	822 UN_xiong_13033
Unigene_UN_xiong_7406	114	115 UN_xiong_7406
Unigene_GPGRCD02GX5D5_xiong	21	26 GPGRCD02GX5D5_xion
Unigene_UN_xiong_12237	198	303 UN_xiong_12237
Unigene_UN_xiong_3991	113	101 UN_xiong_3991

Unigene_GP8I43W03G3GR2_xiong	41	32 GP8I43W03G3GR2_xion
Unigene_UN_xiong_12683	43	42 UN_xiong_12683
Unigene_UN_xiong_2891	86	26 UN_xiong_2891
Unigene_UN_xiong_2106	129	84 UN_xiong_2106
Unigene_GR6TTJD01A2MFZ_xiong	24	58 GR6TTJD01A2MFZ_xion
Unigene_UN_xiong_11382	44	24 UN_xiong_11382
Unigene_UN_xiong_2571	46	217 UN_xiong_2571
Unigene_UN_xiong_542	100	456 UN_xiong_542
Unigene_UN_xiong_7832	158	522 UN_xiong_7832
Unigene_GR6TTJD01AWZAY_xiong	32	46 GR6TTJD01AWZAY_xion
Unigene_GR6TTJD01B5FNS_xiong	63	66 GR6TTJD01B5FNS_xion
Unigene_UN_xiong_4372	75	256 UN_xiong_4372
Unigene_UN_xiong_7386	179	375 UN_xiong_7386
Unigene_UN_xiong_1324	136	224 UN_xiong_1324
Unigene_GPGRCDD02JM3Z8_xiong	29	23 GPGRCDD02JM3Z8_xion
Unigene_UN_xiong_8566	78	101 UN_xiong_8566
Unigene_UN_xiong_13249	92	23 UN_xiong_13249
Unigene_UN_xiong_12556	282	48 UN_xiong_12556
Unigene_UN_xiong_10723	316	96 UN_xiong_10723
Unigene_GPGRCDD02HEFCY_xiong	51	34 GPGRCDD02HEFCY_xion
Unigene_UN_xiong_5705	360	53 UN_xiong_5705
Unigene_UN_xiong_15492	213	47 UN_xiong_15492
Unigene_UN_xiong_10710	111	192 UN_xiong_10710
Unigene_UN_xiong_14034	109	197 UN_xiong_14034
Unigene_UN_xiong_13612	122	123 UN_xiong_13612
Unigene_UN_xiong_4752	296	84 UN_xiong_4752
Unigene_GR6TTJD01BLNS9_xiong	26	71 GR6TTJD01BLNS9_xion
Unigene_UN_xiong_8091	160	38 UN_xiong_8091
Unigene_UN_xiong_4232	42	120 UN_xiong_4232
Unigene_UN_xiong_12232	67	777 UN_xiong_12232
Unigene_UN_xiong_2943	83	23 UN_xiong_2943
Unigene_UN_xiong_3658	306	78 UN_xiong_3658
Unigene_UN_xiong_13735	140	35 UN_xiong_13735
Unigene_GR6TTJD01CEZ6B_xiong	24	45 GR6TTJD01CEZ6B_xion
Unigene_UN_xiong_13180	93	86 UN_xiong_13180
Unigene_UN_xiong_3689	46	377 UN_xiong_3689
Unigene_UN_xiong_7171	41	24 UN_xiong_7171
Unigene_GR6TTJD01BSVN1_xiong	24	22 GR6TTJD01BSVN1_xion
Unigene_UN_xiong_13205	197	175 UN_xiong_13205
Unigene_GR6TTJD01B500L_xiong	56	20 GR6TTJD01B500L_xion
Unigene_UN_xiong_6984	195	31 UN_xiong_6984
Unigene_UN_xiong_2889	367	601 UN_xiong_2889
Unigene_GR6TTJD01AIFV6_xiong	66	79 GR6TTJD01AIFV6_xion
Unigene_UN_xiong_5113	529	319 UN_xiong_5113
Unigene_UN_xiong_14374	198	516 UN_xiong_14374
Unigene_UN_xiong_4403	148	25 UN_xiong_4403
Unigene_UN_xiong_8037	806	49 UN_xiong_8037
Unigene_UN_xiong_3878	744	517 UN_xiong_3878
Unigene_UN_xiong_9960	72	45 UN_xiong_9960
Unigene_UN_xiong_8143	251	492 UN_xiong_8143

Unigene_UN_xiong_3649	108	39 UN_xiong_3649
Unigene_UN_xiong_12554	48	22 UN_xiong_12554
Unigene_UN_xiong_5403	150	55 UN_xiong_5403
Unigene_UN_xiong_10799	155	1701 UN_xiong_10799
Unigene_UN_xiong_11219	220	32 UN_xiong_11219
Unigene_GPGRCD02FPBBK_xiong	64	322 GPGRCD02FPBBK_xion
Unigene_GPGRCD02H08K8_xiong	96	85 GPGRCD02H08K8_xion
Unigene_UN_xiong_15562	1158	109 UN_xiong_15562
Unigene_GR6TTJD01A8NLQ_xiong	28	42 GR6TTJD01A8NLQ_xion
Unigene_UN_xiong_14707	50	194 UN_xiong_14707
Unigene_UN_xiong_15366	60	55 UN_xiong_15366
Unigene_UN_xiong_8905	67	309 UN_xiong_8905
Unigene_UN_xiong_1262	65	27 UN_xiong_1262
Unigene_UN_xiong_11251	198	1028 UN_xiong_11251
Unigene_UN_xiong_12824	53	55 UN_xiong_12824
Unigene_UN_xiong_2829	258	158 UN_xiong_2829
Unigene_GP8I43W03GLPRY_xiong	26	165 GP8I43W03GLPRY_xion
Unigene_UN_xiong_2713	388	34 UN_xiong_2713
Unigene_UN_xiong_15065	199	240 UN_xiong_15065
Unigene_UN_xiong_3434	92	39 UN_xiong_3434
Unigene_UN_xiong_12333	63	40 UN_xiong_12333
Unigene_UN_xiong_8812	298	132 UN_xiong_8812
Unigene_GP8I43W03F9YMW_xiong	28	43 GP8I43W03F9YMW_xion
Unigene_UN_xiong_11921	97	28 UN_xiong_11921
Unigene_UN_xiong_9338	110	39 UN_xiong_9338
Unigene_UN_xiong_3780	134	162 UN_xiong_3780
Unigene_UN_xiong_7831	51	25 UN_xiong_7831
Unigene_GPGRCD02FWPLM_xiong	24	24 GPGRCD02FWPLM_xion
Unigene_UN_xiong_6327	42	25 UN_xiong_6327
Unigene_UN_xiong_1457	847	702 UN_xiong_1457
Unigene_UN_xiong_13275	76	308 UN_xiong_13275
Unigene_UN_xiong_12050	561	405 UN_xiong_12050
Unigene_UN_xiong_13433	300	240 UN_xiong_13433
Unigene_UN_xiong_3085	342	261 UN_xiong_3085
Unigene_UN_xiong_3397	107	246 UN_xiong_3397
Unigene_UN_xiong_4908	301	129 UN_xiong_4908
Unigene_UN_xiong_14512	964	1537 UN_xiong_14512
Unigene_UN_xiong_14312	7251	4154 UN_xiong_14312
Unigene_GP8I43W03HCAZG_xiong	27	29 GP8I43W03HCAZG_xion
Unigene_UN_xiong_13115	30	78 UN_xiong_13115
Unigene_UN_xiong_2396	83	243 UN_xiong_2396
Unigene_UN_xiong_1591	67	53 UN_xiong_1591
Unigene_UN_xiong_12200	105	105 UN_xiong_12200
Unigene_UN_xiong_3703	329	245 UN_xiong_3703
Unigene_UN_xiong_15516	127	206 UN_xiong_15516
Unigene_UN_xiong_15517	76	48 UN_xiong_15517
Unigene_UN_xiong_12871	45	34 UN_xiong_12871
Unigene_UN_xiong_3757	121	224 UN_xiong_3757
Unigene_GPGRCD02HGHSX_xiong	54	40 GPGRCD02HGHSX_xion
Unigene_UN_xiong_12384	197	366 UN_xiong_12384

Unigene_UN_xiong_12525	87	33 UN_xiong_12525
Unigene_UN_xiong_8617	99	34 UN_xiong_8617
Unigene_GR6TTJD01AW8T1_xiong	29	27 GR6TTJD01AW8T1_xion
Unigene_GP8I43W03GVIPC_xiong	30	29 GP8I43W03GVIPC_xion
Unigene_UN_xiong_13446	161	85 UN_xiong_13446
Unigene_GR6TTJD01BUSLS_xiong	36	83 GR6TTJD01BUSLS_xion
Unigene_UN_xiong_6051	128	30 UN_xiong_6051
Unigene_UN_xiong_14802	142	225 UN_xiong_14802
Unigene_UN_xiong_4124	183	51 UN_xiong_4124
Unigene_UN_xiong_14035	392	268 UN_xiong_14035
Unigene_UN_xiong_959	124	26 UN_xiong_959
Unigene_GP8I43W03GHB42_xiong	26	179 GP8I43W03GHB42_xion
Unigene_GPGRCDD02HIVNH_xiong	50	47 GPGRCDD02HIVNH_xion
Unigene_GR6TTJD01ASWWK_xiong	39	373 GR6TTJD01ASWWK_xion
Unigene_UN_xiong_13125	102	43 UN_xiong_13125
Unigene_UN_xiong_4382	41	52 UN_xiong_4382
Unigene_UN_xiong_10774	50	65 UN_xiong_10774
Unigene_UN_xiong_3039	68	62 UN_xiong_3039
Unigene_UN_xiong_14024	195	66 UN_xiong_14024
Unigene_UN_xiong_9477	46	80 UN_xiong_9477
Unigene_GR6TTJD01AQPVO_xiong	21	114 GR6TTJD01AQPVO_xion
Unigene_UN_xiong_11658	39	67 UN_xiong_11658
Unigene_GP8I43W03F3H9P_xiong	23	327 GP8I43W03F3H9P_xion
Unigene_UN_xiong_4387	162	25 UN_xiong_4387
Unigene_UN_xiong_11151	81	48 UN_xiong_11151
Unigene_GR6TTJD01AGKC2_xiong	24	57 GR6TTJD01AGKC2_xion
Unigene_GR6TTJD01BHJON_xiong	21	34 GR6TTJD01BHJON_xion
Unigene_UN_xiong_9899	124	198 UN_xiong_9899
Unigene_GR6TTJD01BJS1Y_xiong	41	22 GR6TTJD01BJS1Y_xion
Unigene_UN_xiong_14620	929	57 UN_xiong_14620
Unigene_UN_xiong_14968	323	323 UN_xiong_14968
Unigene_GPGRCDD02FUHMZ_xiong	55	86 GPGRCDD02FUHMZ_xion
Unigene_GR6TTJD01A37VV_xiong	24	55 GR6TTJD01A37VV_xion
Unigene_UN_xiong_5553	80	70 UN_xiong_5553
Unigene_GP8I43W03HC664_xiong	25	71 GP8I43W03HC664_xion
Unigene_UN_xiong_4975	426	208 UN_xiong_4975
Unigene_GR6TTJD01A8KF9_xiong	28	119 GR6TTJD01A8KF9_xion
Unigene_UN_xiong_11983	92	76 UN_xiong_11983
Unigene_UN_xiong_14278	189	288 UN_xiong_14278
Unigene_UN_xiong_4583	296	208 UN_xiong_4583
Unigene_UN_xiong_11385	35	44 UN_xiong_11385
Unigene_UN_xiong_9902	170	21 UN_xiong_9902
Unigene_UN_xiong_1456	55	32 UN_xiong_1456
Unigene_UN_xiong_2121	60	113 UN_xiong_2121
Unigene_GPGRCDD02IJ023_xiong	95	522 GPGRCDD02IJ023_xion
Unigene_UN_xiong_13965	59	67 UN_xiong_13965
Unigene_GP8I43W03GQ3AG_xiong	35	67 GP8I43W03GQ3AG_xion
Unigene_UN_xiong_4321	47	20 UN_xiong_4321
Unigene_UN_xiong_3137	141	74 UN_xiong_3137
Unigene_UN_xiong_4317	68	68 UN_xiong_4317

Unigene_UN_xiong_14352	242	236 UN_xiong_14352
Unigene_GR6TTJD01A91I7_xiong	32	37 GR6TTJD01A91I7_xion
Unigene_UN_xiong_7501	43	35 UN_xiong_7501
Unigene_UN_xiong_3403	134	167 UN_xiong_3403
Unigene_UN_xiong_14708	136	100 UN_xiong_14708
Unigene_UN_xiong_6847	42	65 UN_xiong_6847
Unigene_GPGRCDD02JJNIU_xiong	33	118 GPGRCDD02JJNIU_xion
Unigene_UN_xiong_11167	140	246 UN_xiong_11167
Unigene_GR6TTJD01B76KT_xiong	26	115 GR6TTJD01B76KT_xion
Unigene_GPGRCDD02I5F7G_xiong	95	52 GPGRCDD02I5F7G_xion
Unigene_GP8I43W03GRV65_xiong	93	294 GP8I43W03GRV65_xion
Unigene_UN_xiong_5750	47	141 UN_xiong_5750
Unigene_UN_xiong_13377	67	105 UN_xiong_13377
Unigene_UN_xiong_1931	588	606 UN_xiong_1931
Unigene_GPGRCDD02IRGXT_xiong	22	46 GPGRCDD02IRGXT_xion
Unigene_GP8I43W03FNS13_xiong	38	27 GP8I43W03FNS13_xion
Unigene_GPGRCDD02G1RK8_xiong	24	29 GPGRCDD02G1RK8_xion
Unigene_UN_xiong_14065	67	30 UN_xiong_14065
Unigene_GP8I43W03G8UNV_xiong	22	59 GP8I43W03G8UNV_xion
Unigene_UN_xiong_14239	1466	362 UN_xiong_14239
Unigene_UN_xiong_3042	72	60 UN_xiong_3042
Unigene_GPGRCDD02GZ9XD_xiong	23	197 GPGRCDD02GZ9XD_xion
Unigene_UN_xiong_12530	56	21 UN_xiong_12530
Unigene_UN_xiong_3352	263	1453 UN_xiong_3352
Unigene_GR6TTJD01AIFX7_xiong	29	27 GR6TTJD01AIFX7_xion
Unigene_GR6TTJD01BXIPS_xiong	49	26 GR6TTJD01BXIPS_xion
Unigene_GPGRCDD02H2XWD_xiong	83	92 GPGRCDD02H2XWD_xion
Unigene_UN_xiong_14441	325	1144 UN_xiong_14441
Unigene_GR6TTJD01A77CH_xiong	72	72 GR6TTJD01A77CH_xion
Unigene_GPGRCDD02HFM97_xiong	74	80 GPGRCDD02HFM97_xion
Unigene_GR6TTJD01AX8I1_xiong	22	60 GR6TTJD01AX8I1_xion
Unigene_GR6TTJD01BHZPP_xiong	22	70 GR6TTJD01BHZPP_xion
Unigene_UN_xiong_14550	84	45 UN_xiong_14550
Unigene_UN_xiong_10036	75	104 UN_xiong_10036
Unigene_UN_xiong_4239	129	33 UN_xiong_4239
Unigene_GR6TTJD01AUK9B_xiong	43	27 GR6TTJD01AUK9B_xion
Unigene_UN_xiong_10740	69	32 UN_xiong_10740
Unigene_UN_xiong_1557	205	71 UN_xiong_1557
Unigene_UN_xiong_14002	259	271 UN_xiong_14002
Unigene_UN_xiong_8937	187	64 UN_xiong_8937
Unigene_UN_xiong_7007	78	21 UN_xiong_7007
Unigene_UN_xiong_3293	197	334 UN_xiong_3293
Unigene_UN_xiong_9449	243	208 UN_xiong_9449
Unigene_UN_xiong_577	263	112 UN_xiong_577
Unigene_GPGRCDD02H91BW_xiong	37	36 GPGRCDD02H91BW_xion
Unigene_GR6TTJD01AY1VN_xiong	35	72 GR6TTJD01AY1VN_xion
Unigene_GR6TTJD01B6T8D_xiong	27	24 GR6TTJD01B6T8D_xion
Unigene_GR6TTJD01B44VV_xiong	28	212 GR6TTJD01B44VV_xion
Unigene_UN_xiong_2093	133	117 UN_xiong_2093
Unigene_UN_xiong_5686	99	85 UN_xiong_5686

Unigene_UN_xiong_870	35	47 UN_xiong_870
Unigene_GR6TTJD01BES4D_xiong	23	53 GR6TTJD01BES4D_xion
Unigene_UN_xiong_14887	243	386 UN_xiong_14887
Unigene_GR6TTJD01B8ZJR_xiong	37	22 GR6TTJD01B8ZJR_xion
Unigene_UN_xiong_15471	125	173 UN_xiong_15471
Unigene_GR6TTJD01A4LSA_xiong	23	21 GR6TTJD01A4LSA_xion
Unigene_GR6TTJD01BL9BB_xiong	27	22 GR6TTJD01BL9BB_xion
Unigene_UN_xiong_12016	112	29 UN_xiong_12016
Unigene_UN_xiong_12096	80	45 UN_xiong_12096
Unigene_UN_xiong_6934	190	174 UN_xiong_6934
Unigene_UN_xiong_8591	543	542 UN_xiong_8591
Unigene_UN_xiong_4607	69	34 UN_xiong_4607
Unigene_UN_xiong_1877	92	54 UN_xiong_1877
Unigene_UN_xiong_14690	335	72 UN_xiong_14690
Unigene_UN_xiong_3117	96	146 UN_xiong_3117
Unigene_UN_xiong_3637	629	168 UN_xiong_3637
Unigene_UN_xiong_14091	191	96 UN_xiong_14091
Unigene_GPGRCDD02H54YP_xiong	87	268 GPGRCDD02H54YP_xion
Unigene_UN_xiong_14593	686	707 UN_xiong_14593
Unigene_UN_xiong_5257	103	48 UN_xiong_5257
Unigene_UN_xiong_14891	820	199 UN_xiong_14891
Unigene_UN_xiong_4138	90	19 UN_xiong_4138
Unigene_GP8I43W03GWOL9_xiong	25	51 GP8I43W03GWOL9_xion
Unigene_GR6TTJD01BIMLX_xiong	31	84 GR6TTJD01BIMLX_xion
Unigene_UN_xiong_1050	54	57 UN_xiong_1050
Unigene_UN_xiong_5460	89	93 UN_xiong_5460
Unigene_UN_xiong_14525	1055	1044 UN_xiong_14525
Unigene_UN_xiong_2299	47	1316 UN_xiong_2299
Unigene_UN_xiong_2673	78	7523 UN_xiong_2673
Unigene_UN_xiong_4877	62	516 UN_xiong_4877
Unigene_UN_xiong_9206	62	95 UN_xiong_9206
Unigene_UN_xiong_4471	87	93 UN_xiong_4471
Unigene_UN_xiong_10883	135	438 UN_xiong_10883
Unigene_UN_xiong_5944	66	25 UN_xiong_5944
Unigene_UN_xiong_7649	68	61 UN_xiong_7649
Unigene_UN_xiong_2088	102	27 UN_xiong_2088
Unigene_UN_xiong_1042	52	35 UN_xiong_1042
Unigene_UN_xiong_9010	119	64 UN_xiong_9010
Unigene_UN_xiong_12618	58	47 UN_xiong_12618
Unigene_UN_xiong_6083	132	216 UN_xiong_6083
Unigene_GPGRCDD02HOA92_xiong	89	104 GPGRCDD02HOA92_xion
Unigene_UN_xiong_343	435	1771 UN_xiong_343
Unigene_UN_xiong_14907	2105	2812 UN_xiong_14907
Unigene_UN_xiong_9129	72	27 UN_xiong_9129
Unigene_UN_xiong_899	70	275 UN_xiong_899
Unigene_UN_xiong_7330	154	120 UN_xiong_7330
Unigene_UN_xiong_1511	152	256 UN_xiong_1511
Unigene_UN_xiong_14710	283	1040 UN_xiong_14710
Unigene_GR6TTJD01AEDYK_xiong	50	184 GR6TTJD01AEDYK_xion
Unigene_GR6TTJD01AJ8K6_xiong	37	82 GR6TTJD01AJ8K6_xion

Unigene_UN_xiong_485	98	103 UN_xiong_485
Unigene_UN_xiong_7559	596	184 UN_xiong_7559
Unigene_GP8I43W03FSY2I_xiong	21	85 GP8I43W03FSY2I_xion
Unigene_UN_xiong_2601	120	96 UN_xiong_2601
Unigene_UN_xiong_5494	29	25 UN_xiong_5494
Unigene_UN_xiong_4036	403	136 UN_xiong_4036
Unigene_GR6TTJD01B9IX7_xiong	51	28 GR6TTJD01B9IX7_xion
Unigene_UN_xiong_9548	100	169 UN_xiong_9548
Unigene_GP8I43W03F7GGI_xiong	54	96 GP8I43W03F7GGI_xion
Unigene_UN_xiong_15676	196	102 UN_xiong_15676
Unigene_UN_xiong_11439	243	25 UN_xiong_11439
Unigene_UN_xiong_4982	109	53 UN_xiong_4982
Unigene_UN_xiong_6356	108	208 UN_xiong_6356
Unigene_UN_xiong_1072	73	1257 UN_xiong_1072
Unigene_UN_xiong_14784	551	642 UN_xiong_14784
Unigene_GPGRCDD02IFID5_xiong	98	171 GPGRCDD02IFID5_xion
Unigene_UN_xiong_1191	170	86 UN_xiong_1191
Unigene_GR6TTJD01AXY1Q_xiong	206	21 GR6TTJD01AXY1Q_xion
Unigene_GR6TTJD01CBSS5_xiong	26	23 GR6TTJD01CBSS5_xion
Unigene_UN_xiong_8084	81	52 UN_xiong_8084
Unigene_UN_xiong_13970	379	452 UN_xiong_13970
Unigene_GR6TTJD01CC2T2_xiong	25	222 GR6TTJD01CC2T2_xion
Unigene_GR6TTJD01BEEXC_xiong	28	37 GR6TTJD01BEEXC_xion
Unigene_UN_xiong_3372	669	347 UN_xiong_3372
Unigene_GPGRCDD02H8GJX_xiong	71	85 GPGRCDD02H8GJX_xion
Unigene_GR6TTJD01BPEK4_xiong	27	30 GR6TTJD01BPEK4_xion
Unigene_UN_xiong_9026	115	32 UN_xiong_9026
Unigene_UN_xiong_13694	96	41 UN_xiong_13694
Unigene_GPGRCDD02I04WR_xiong	38	27 GPGRCDD02I04WR_xion
Unigene_GR6TTJD01BBK2T_xiong	40	108 GR6TTJD01BBK2T_xion
Unigene_UN_xiong_7115	67	87 UN_xiong_7115
Unigene_GPGRCDD02HPMIJ_xiong	29	27 GPGRCDD02HPMIJ_xion
Unigene_UN_xiong_5175	76	135 UN_xiong_5175
Unigene_UN_xiong_9981	89	112 UN_xiong_9981
Unigene_GR6TTJD01A2ZJA_xiong	34	48 GR6TTJD01A2ZJA_xion
Unigene_UN_xiong_3175	59	113 UN_xiong_3175
Unigene_UN_xiong_14388	109	79 UN_xiong_14388
Unigene_GR6TTJD01B2TSB_xiong	65	78 GR6TTJD01B2TSB_xion
Unigene_UN_xiong_13810	127	43 UN_xiong_13810
Unigene_UN_xiong_11708	273	213 UN_xiong_11708
Unigene_UN_xiong_1785	114	477 UN_xiong_1785
Unigene_UN_xiong_10733	917	707 UN_xiong_10733
Unigene_UN_xiong_125	52	29 UN_xiong_125
Unigene_UN_xiong_11947	105	66 UN_xiong_11947
Unigene_UN_xiong_74	33	329 UN_xiong_74
Unigene_UN_xiong_6254	89	41 UN_xiong_6254
Unigene_UN_xiong_4081	176	458 UN_xiong_4081
Unigene_UN_xiong_2029	192	97 UN_xiong_2029
Unigene_UN_xiong_9067	87	33 UN_xiong_9067
Unigene_UN_xiong_14851	179	232 UN_xiong_14851

Unigene_GR6TTJD01BNSBS_xiong	31	24 GR6TTJD01BNSBS_xion
Unigene_UN_xiong_487	119	61 UN_xiong_487
Unigene_GP8I43W03G3R9E_xiong	72	88 GP8I43W03G3R9E_xion
Unigene_UN_xiong_18	47	143 UN_xiong_18
Unigene_GPGRCDD02GGXFH_xiong	23	25 GPGRCDD02GGXFH_xion
Unigene_UN_xiong_4343	248	62 UN_xiong_4343
Unigene_UN_xiong_3121	122	44 UN_xiong_3121
Unigene_UN_xiong_155	1556	788 UN_xiong_155
Unigene_UN_xiong_5520	72	174 UN_xiong_5520
Unigene_UN_xiong_8979	141	473 UN_xiong_8979
Unigene_GR6TTJD01BKF5H_xiong	27	24 GR6TTJD01BKF5H_xion
Unigene_UN_xiong_14398	328	245 UN_xiong_14398
Unigene_UN_xiong_6724	38	52 UN_xiong_6724
Unigene_GR6TTJD01A3DGJ_xiong	33	65 GR6TTJD01A3DGJ_xion
Unigene_UN_xiong_10266	63	45 UN_xiong_10266
Unigene_GR6TTJD01AZUQG_xiong	21	21 GR6TTJD01AZUQG_xion
Unigene_UN_xiong_12599	52	42 UN_xiong_12599
Unigene_GPGRCDD02ISB80_xiong	24	29 GPGRCDD02ISB80_xion
Unigene_GP8I43W03HEH9A_xiong	31	37 GP8I43W03HEH9A_xion
Unigene_UN_xiong_3153	236	86 UN_xiong_3153
Unigene_UN_xiong_3596	44	25 UN_xiong_3596
Unigene_UN_xiong_4991	122	35 UN_xiong_4991
Unigene_UN_xiong_2570	196	172 UN_xiong_2570
Unigene_GR6TTJD01BNFNX_xiong	23	31 GR6TTJD01BNFNX_xion
Unigene_GP8I43W03GRKV0_xiong	62	51 GP8I43W03GRKV0_xion
Unigene_UN_xiong_2925	74	84 UN_xiong_2925
Unigene_UN_xiong_14736	501	1210 UN_xiong_14736
Unigene_GR6TTJD01BRERO_xiong	21	28 GR6TTJD01BRERO_xion
Unigene_UN_xiong_396	548	91 UN_xiong_396
Unigene_GR6TTJD01ALHKP_xiong	41	71 GR6TTJD01ALHKP_xion
Unigene_UN_xiong_13685	58	67 UN_xiong_13685
Unigene_UN_xiong_6049	76	22 UN_xiong_6049
Unigene_GP8I43W03GL706_xiong	36	66 GP8I43W03GL706_xion
Unigene_UN_xiong_3245	155	78 UN_xiong_3245
Unigene_UN_xiong_766	226	119 UN_xiong_766
Unigene_GR6TTJD01BF809_xiong	28	71 GR6TTJD01BF809_xion
Unigene_GR6TTJD01BC7WF_xiong	20	28 GR6TTJD01BC7WF_xion
Unigene_UN_xiong_3277	52	30 UN_xiong_3277
Unigene_UN_xiong_1070	269	256 UN_xiong_1070
Unigene_UN_xiong_14246	650	78 UN_xiong_14246
Unigene_UN_xiong_3924	201	75 UN_xiong_3924
Unigene_GR6TTJD01BOCCT_xiong	21	62 GR6TTJD01BOCCT_xion
Unigene_UN_xiong_2306	46	60 UN_xiong_2306
Unigene_UN_xiong_5459	155	53 UN_xiong_5459
Unigene_UN_xiong_4179	778	662 UN_xiong_4179
Unigene_GPGRCDD02HZXFE_xiong	29	59 GPGRCDD02HZXFE_xion
Unigene_UN_xiong_4111	112	43 UN_xiong_4111
Unigene_UN_xiong_5638	439	48 UN_xiong_5638
Unigene_GR6TTJD01BRMW2_xiong	38	37 GR6TTJD01BRMW2_xion
Unigene_UN_xiong_14178	94	141 UN_xiong_14178

Unigene_UN_xiong_4401	602	204 UN_xiong_4401
Unigene_UN_xiong_2181	1021	564 UN_xiong_2181
Unigene_UN_xiong_10518	151	106 UN_xiong_10518
Unigene_UN_xiong_57	83	96 UN_xiong_57
Unigene_GR6TTJD01AJAFC_xiong	25	28 GR6TTJD01AJAFC_xion
Unigene_GR6TTJD01AZ7TY_xiong	42	37 GR6TTJD01AZ7TY_xion
Unigene_GP8I43W03GVW7F_xiong	35	26 GP8I43W03GVW7F_xion
Unigene_GP8I43W03GPV6E_xiong	26	69 GP8I43W03GPV6E_xion
Unigene_GPGRCDD02GSH9V_xiong	31	61 GPGRCDD02GSH9V_xion
Unigene_GR6TTJD01B0EAL_xiong	35	45 GR6TTJD01B0EAL_xion
Unigene_GR6TTJD01BHZC6_xiong	30	41 GR6TTJD01BHZC6_xion
Unigene_GR6TTJD01CDHL4_xiong	40	42 GR6TTJD01CDHL4_xion
Unigene_UN_xiong_7726	51	400 UN_xiong_7726
Unigene_GP8I43W03F591A_xiong	62	131 GP8I43W03F591A_xion
Unigene_GR6TTJD01AGU3X_xiong	41	62 GR6TTJD01AGU3X_xion
Unigene_UN_xiong_3455	48	627 UN_xiong_3455
Unigene_UN_xiong_11021	336	102 UN_xiong_11021
Unigene_UN_xiong_14488	184	1073 UN_xiong_14488
Unigene_UN_xiong_11973	47	74 UN_xiong_11973
Unigene_GR6TTJD01A0WH5_xiong	27	23 GR6TTJD01A0WH5_xion
Unigene_UN_xiong_5784	278	975 UN_xiong_5784
Unigene_GPGRCDD02JAU04_xiong	75	286 GPGRCDD02JAU04_xion
Unigene_UN_xiong_9552	233	3108 UN_xiong_9552
Unigene_UN_xiong_4546	335	425 UN_xiong_4546
Unigene_UN_xiong_5580	175	167 UN_xiong_5580
Unigene_UN_xiong_13986	120	205 UN_xiong_13986
Unigene_UN_xiong_14075	123	113 UN_xiong_14075
Unigene_UN_xiong_8846	74	79 UN_xiong_8846
Unigene_UN_xiong_14608	533	638 UN_xiong_14608
Unigene_GP8I43W03FOXEX7_xiong	53	81 GP8I43W03FOXEX7_xion
Unigene_UN_xiong_10153	90	38 UN_xiong_10153
Unigene_UN_xiong_1771	130	127 UN_xiong_1771
Unigene_UN_xiong_9106	48	126 UN_xiong_9106
Unigene_GR6TTJD01B08VN_xiong	28	43 GR6TTJD01B08VN_xion
Unigene_UN_xiong_13057	81	96 UN_xiong_13057
Unigene_UN_xiong_6009	66	63 UN_xiong_6009
Unigene_UN_xiong_7540	69	21 UN_xiong_7540
Unigene_UN_xiong_14761	396	371 UN_xiong_14761
Unigene_UN_xiong_6698	472	314 UN_xiong_6698
Unigene_GPGRCDD02ISK5G_xiong	44	29 GPGRCDD02ISK5G_xion
Unigene_UN_xiong_7806	153	26 UN_xiong_7806
Unigene_UN_xiong_14377	1386	46636 UN_xiong_14377
Unigene_GR6TTJD01BUIJ7_xiong	22	59 GR6TTJD01BUIJ7_xion
Unigene_UN_xiong_285	106	70 UN_xiong_285
Unigene_UN_xiong_12762	368	280 UN_xiong_12762
Unigene_UN_xiong_9213	242	50 UN_xiong_9213
Unigene_UN_xiong_1976	108	28 UN_xiong_1976
Unigene_UN_xiong_15754	200	323 UN_xiong_15754
Unigene_UN_xiong_864	836	56 UN_xiong_864
Unigene_UN_xiong_3839	322	29 UN_xiong_3839

Unigene_UN_xiong_8692	197	26 UN_xiong_8692
Unigene_UN_xiong_7565	701	336 UN_xiong_7565
Unigene_UN_xiong_2646	164	30 UN_xiong_2646
Unigene_GP8I43W03HCOF5_xiong	49	52 GP8I43W03HCOF5_xion
Unigene_GPGRCDD02H0IA0_xiong	23	21 GPGRCDD02H0IA0_xion
Unigene_UN_xiong_10802	135	367 UN_xiong_10802
Unigene_GR6TTJD01B06ZH_xiong	33	73 GR6TTJD01B06ZH_xion
Unigene_UN_xiong_9575	78	45 UN_xiong_9575
Unigene_UN_xiong_3934	78	48 UN_xiong_3934
Unigene_UN_xiong_2063	155	47 UN_xiong_2063
Unigene_UN_xiong_13608	95	205 UN_xiong_13608
Unigene_GR6TTJD01A51SY_xiong	54	58 GR6TTJD01A51SY_xion
Unigene_UN_xiong_8683	244	268 UN_xiong_8683
Unigene_GPGRCDD02HWQFE_xiong	29	22 GPGRCDD02HWQFE_xion
Unigene_UN_xiong_2056	110	37 UN_xiong_2056
Unigene_UN_xiong_14158	110	51 UN_xiong_14158
Unigene_UN_xiong_380	188	128 UN_xiong_380
Unigene_UN_xiong_2039	61	55 UN_xiong_2039
Unigene_UN_xiong_11262	120	65 UN_xiong_11262
Unigene_UN_xiong_9596	125	70 UN_xiong_9596
Unigene_UN_xiong_13562	179	84 UN_xiong_13562
Unigene_UN_xiong_5252	64	65 UN_xiong_5252
Unigene_UN_xiong_7399	38	1045 UN_xiong_7399
Unigene_UN_xiong_6191	34	43 UN_xiong_6191
Unigene_GR6TTJD01AF5I0_xiong	48	343 GR6TTJD01AF5I0_xion
Unigene_UN_xiong_5737	336	1417 UN_xiong_5737
Unigene_UN_xiong_11304	166	230 UN_xiong_11304
Unigene_UN_xiong_212	75	41 UN_xiong_212
Unigene_GP8I43W03F5KHZ_xiong	48	146 GP8I43W03F5KHZ_xion
Unigene_UN_xiong_7538	68	119 UN_xiong_7538
Unigene_UN_xiong_5754	44	162 UN_xiong_5754
Unigene_UN_xiong_2109	209	52 UN_xiong_2109
Unigene_UN_xiong_14896	367	118 UN_xiong_14896
Unigene_UN_xiong_12177	215	74 UN_xiong_12177
Unigene_GP8I43W03GCU21_xiong	88	93 GP8I43W03GCU21_xion
Unigene_UN_xiong_434	99	50 UN_xiong_434
Unigene_UN_xiong_3735	73	4296 UN_xiong_3735
Unigene_UN_xiong_11710	146	170 UN_xiong_11710
Unigene_UN_xiong_15025	68	53 UN_xiong_15025
Unigene_UN_xiong_12102	56	169 UN_xiong_12102
Unigene_GR6TTJD01A40XM_xiong	34	50 GR6TTJD01A40XM_xion
Unigene_GR6TTJD01BZJJ0_xiong	59	60 GR6TTJD01BZJJ0_xion
Unigene_GR6TTJD01A087W_xiong	74	58 GR6TTJD01A087W_xion
Unigene_UN_xiong_13405	112	67 UN_xiong_13405
Unigene_UN_xiong_1952	111	40 UN_xiong_1952
Unigene_UN_xiong_2616	147	4536 UN_xiong_2616
Unigene_GR6TTJD01BXY7_xiong	20	35 GR6TTJD01BXY7_xion
Unigene_UN_xiong_11849	112	34 UN_xiong_11849
Unigene_GR6TTJD01BYOAF_xiong	27	56 GR6TTJD01BYOAF_xion
Unigene_GR6TTJD01CA3MQ_xiong	31	32 GR6TTJD01CA3MQ_xion

Unigene_GR6TTJD01B4YUZ_xiong	25	35 GR6TTJD01B4YUZ_xion
Unigene_GP8I43W03GVME5_xiong	43	39 GP8I43W03GVME5_xion
Unigene_UN_xiong_15447	75	81 UN_xiong_15447
Unigene_UN_xiong_3504	150	199 UN_xiong_3504
Unigene_GR6TTJD01BY9YW_xiong	24	20 GR6TTJD01BY9YW_xion
Unigene_UN_xiong_10706	278	63 UN_xiong_10706
Unigene_UN_xiong_13705	108	83 UN_xiong_13705
Unigene_UN_xiong_5441	218	124 UN_xiong_5441
Unigene_UN_xiong_14545	2739	77 UN_xiong_14545
Unigene_UN_xiong_14637	300	176 UN_xiong_14637
Unigene_UN_xiong_8267	52	28 UN_xiong_8267
Unigene_UN_xiong_2538	111	124 UN_xiong_2538
Unigene_GR6TTJD01APSAV_xiong	23	23 GR6TTJD01APSAV_xion
Unigene_UN_xiong_15383	2533	586 UN_xiong_15383
Unigene_UN_xiong_586	237	108 UN_xiong_586
Unigene_UN_xiong_8419	240	1634 UN_xiong_8419
Unigene_UN_xiong_5489	220	411 UN_xiong_5489
Unigene_UN_xiong_3215	121	76 UN_xiong_3215
Unigene_UN_xiong_4481	174	377 UN_xiong_4481
Unigene_UN_xiong_8334	118	29 UN_xiong_8334
Unigene_UN_xiong_7637	51	27 UN_xiong_7637
Unigene_UN_xiong_1201	520	303 UN_xiong_1201
Unigene_GR6TTJD01AD710_xiong	28	43 GR6TTJD01AD710_xion
Unigene_UN_xiong_14365	333	79 UN_xiong_14365
Unigene_GR6TTJD01A7UAX_xiong	24	106 GR6TTJD01A7UAX_xion
Unigene_UN_xiong_2094	120	214 UN_xiong_2094
Unigene_UN_xiong_9643	266	681 UN_xiong_9643
Unigene_GR6TTJD01BYMRA_xiong	33	51 GR6TTJD01BYMRA_xion
Unigene_UN_xiong_8960	117	295 UN_xiong_8960
Unigene_UN_xiong_4606	91	256 UN_xiong_4606
Unigene_GR6TTJD01BWYVN_xiong	22	30 GR6TTJD01BWYVN_xion
Unigene_UN_xiong_7960	39	20 UN_xiong_7960
Unigene_UN_xiong_15487	313	78 UN_xiong_15487
Unigene_UN_xiong_11502	179	187 UN_xiong_11502
Unigene_GP8I43W03GZM50_xiong	31	69 GP8I43W03GZM50_xion
Unigene_GR6TTJD01AT9NQ_xiong	57	30 GR6TTJD01AT9NQ_xion
Unigene_UN_xiong_1321	70	249 UN_xiong_1321
Unigene_UN_xiong_1162	103	120 UN_xiong_1162
Unigene_UN_xiong_1742	92	154 UN_xiong_1742
Unigene_UN_xiong_11649	88	27 UN_xiong_11649
Unigene_GR6TTJD01A1DAH_xiong	23	295 GR6TTJD01A1DAH_xion
Unigene_GP8I43W03GNKJZ_xiong	51	29 GP8I43W03GNKJZ_xion
Unigene_UN_xiong_13173	83	40 UN_xiong_13173
Unigene_UN_xiong_15374	794	349 UN_xiong_15374
Unigene_UN_xiong_5990	92	46 UN_xiong_5990
Unigene_UN_xiong_13601	224	49 UN_xiong_13601
Unigene_UN_xiong_14318	157	123 UN_xiong_14318
Unigene_UN_xiong_5723	338	23 UN_xiong_5723
Unigene_UN_xiong_4912	237	232 UN_xiong_4912
Unigene_UN_xiong_3879	45	82 UN_xiong_3879

Unigene_UN_xiong_595	120	246 UN_xiong_595
Unigene_GR6TTJD01A3BJG_xiong	39	74 GR6TTJD01A3BJG_xion
Unigene_UN_xiong_5859	112	56 UN_xiong_5859
Unigene_UN_xiong_10587	194	126 UN_xiong_10587
Unigene_UN_xiong_1670	84	21 UN_xiong_1670
Unigene_UN_xiong_12439	72	23 UN_xiong_12439
Unigene_UN_xiong_8216	71	45 UN_xiong_8216
Unigene_UN_xiong_10185	336	68 UN_xiong_10185
Unigene_UN_xiong_3537	248	373 UN_xiong_3537
Unigene_GP8I43W03F5614_xiong	98	272 GP8I43W03F5614_xion
Unigene_GR6TTJD01A21FM_xiong	28	72 GR6TTJD01A21FM_xion
Unigene_UN_xiong_12485	283	137 UN_xiong_12485
Unigene_UN_xiong_2863	138	33 UN_xiong_2863
Unigene_UN_xiong_15793	147	57 UN_xiong_15793
Unigene_UN_xiong_1657	1790	278 UN_xiong_1657
Unigene_UN_xiong_8410	68	2169 UN_xiong_8410
Unigene_GPGRCDD02IQ8NX_xiong	26	29 GPGRCDD02IQ8NX_xion
Unigene_UN_xiong_5536	65	73 UN_xiong_5536
Unigene_UN_xiong_9359	433	1569 UN_xiong_9359
Unigene_UN_xiong_7852	234	950 UN_xiong_7852
Unigene_GR6TTJD01AY8IS_xiong	49	64 GR6TTJD01AY8IS_xion
Unigene_UN_xiong_2708	180	81 UN_xiong_2708
Unigene_UN_xiong_10894	120	123 UN_xiong_10894
Unigene_GR6TTJD01BS4V3_xiong	26	45 GR6TTJD01BS4V3_xion
Unigene_UN_xiong_11719	126	167 UN_xiong_11719
Unigene_UN_xiong_14295	90	25 UN_xiong_14295
Unigene_UN_xiong_988	1029	631 UN_xiong_988
Unigene_UN_xiong_12764	197	620 UN_xiong_12764
Unigene_UN_xiong_10876	48	155 UN_xiong_10876
Unigene_UN_xiong_2210	155	82 UN_xiong_2210
Unigene_UN_xiong_11998	64	139 UN_xiong_11998
Unigene_UN_xiong_348	365	1642 UN_xiong_348
Unigene_UN_xiong_1214	256	24 UN_xiong_1214
Unigene_GR6TTJD01CCF87_xiong	46	94 GR6TTJD01CCF87_xion
Unigene_UN_xiong_12229	113	339 UN_xiong_12229
Unigene_UN_xiong_167	112	235 UN_xiong_167
Unigene_UN_xiong_12977	198	136 UN_xiong_12977
Unigene_GR6TTJD01AKL7B_xiong	21	38 GR6TTJD01AKL7B_xion
Unigene_UN_xiong_603	125	44 UN_xiong_603
Unigene_UN_xiong_9092	39	24 UN_xiong_9092
Unigene_UN_xiong_1692	191	47 UN_xiong_1692
Unigene_GR6TTJD01AN5CR_xiong	59	82 GR6TTJD01AN5CR_xion
Unigene_GR6TTJD01BKMTD_xiong	75	160 GR6TTJD01BKMTD_xion
Unigene_GR6TTJD01B23TX_xiong	25	39 GR6TTJD01B23TX_xion
Unigene_UN_xiong_6996	239	87 UN_xiong_6996
Unigene_UN_xiong_4129	102	84 UN_xiong_4129
Unigene_UN_xiong_12757	90	434 UN_xiong_12757
Unigene_GPGRCDD02F8XIS_xiong	49	44 GPGRCDD02F8XIS_xion
Unigene_UN_xiong_13017	341	59 UN_xiong_13017
Unigene_UN_xiong_455	155	306 UN_xiong_455

Unigene_UN_xiong_11571	126	94 UN_xiong_11571
Unigene_UN_xiong_355	136	245 UN_xiong_355
Unigene_UN_xiong_13542	66	63 UN_xiong_13542
Unigene_UN_xiong_13462	273	111 UN_xiong_13462
Unigene_UN_xiong_7974	169	165 UN_xiong_7974
Unigene_UN_xiong_6295	136	105 UN_xiong_6295
Unigene_UN_xiong_8025	206	49 UN_xiong_8025
Unigene_UN_xiong_6482	88	66 UN_xiong_6482
Unigene_UN_xiong_14263	814	341 UN_xiong_14263
Unigene_UN_xiong_12619	125	170 UN_xiong_12619
Unigene_UN_xiong_10930	91	87 UN_xiong_10930
Unigene_UN_xiong_4656	196	43 UN_xiong_4656
Unigene_GR6TTJD01A4K2E_xiong	22	142 GR6TTJD01A4K2E_xion
Unigene_GP8I43W03FR5R5_xiong	30	107 GP8I43W03FR5R5_xion
Unigene_GP8I43W03GBAIQ_xiong	78	57 GP8I43W03GBAIQ_xion
Unigene_UN_xiong_14913	179	86 UN_xiong_14913
Unigene_UN_xiong_9760	123	983 UN_xiong_9760
Unigene_UN_xiong_15592	126	118 UN_xiong_15592
Unigene_UN_xiong_12342	371	138 UN_xiong_12342
Unigene_UN_xiong_6452	449	519 UN_xiong_6452
Unigene_UN_xiong_10253	173	87 UN_xiong_10253
Unigene_UN_xiong_10537	84	43 UN_xiong_10537
Unigene_UN_xiong_14229	270	180 UN_xiong_14229
Unigene_UN_xiong_891	152	147 UN_xiong_891
Unigene_UN_xiong_8393	72	147 UN_xiong_8393
Unigene_UN_xiong_8651	340	125 UN_xiong_8651
Unigene_UN_xiong_1888	352	60 UN_xiong_1888
Unigene_GPGRCDD02F158F_xiong	71	69 GPGRCDD02F158F_xion
Unigene_UN_xiong_11562	121	184 UN_xiong_11562
Unigene_UN_xiong_9901	195	132 UN_xiong_9901
Unigene_GP8I43W03GD5UV_xiong	29	149 GP8I43W03GD5UV_xion
Unigene_UN_xiong_3960	130	37 UN_xiong_3960
Unigene_UN_xiong_4035	117	64 UN_xiong_4035
Unigene_UN_xiong_13498	144	140 UN_xiong_13498
Unigene_UN_xiong_752	89	139 UN_xiong_752
Unigene_GR6TTJD01B6750_xiong	31	67 GR6TTJD01B6750_xion
Unigene_GPGRCDD02HR3QN_xiong	56	27 GPGRCDD02HR3QN_xion
Unigene_UN_xiong_12982	93	136 UN_xiong_12982
Unigene_GR6TTJD01BUFBC_xiong	35	88 GR6TTJD01BUFBC_xion
Unigene_GR6TTJD01AV4RU_xiong	55	42 GR6TTJD01AV4RU_xion
Unigene_UN_xiong_2983	304	71 UN_xiong_2983
Unigene_GP8I43W03GIG19_xiong	93	28 GP8I43W03GIG19_xion
Unigene_UN_xiong_3983	116	86 UN_xiong_3983
Unigene_UN_xiong_9856	48	183 UN_xiong_9856
Unigene_UN_xiong_15656	54	135 UN_xiong_15656
Unigene_GPGRCDD02GMZLI_xiong	68	75 GPGRCDD02GMZLI_xion
Unigene_UN_xiong_319	191	184 UN_xiong_319
Unigene_UN_xiong_11175	94	63 UN_xiong_11175
Unigene_GPGRCDD02GKHGA_xiong	73	71 GPGRCDD02GKHGA_xion
Unigene_UN_xiong_14568	389	183 UN_xiong_14568

Unigene_GR6TTJD01B51C7_xiong	36	32 GR6TTJD01B51C7_xion
Unigene_GR6TTJD01B97SD_xiong	29	49 GR6TTJD01B97SD_xion
Unigene_UN_xiong_9146	226	234 UN_xiong_9146
Unigene_UN_xiong_6936	290	130 UN_xiong_6936
Unigene_GP8I43W03FLBZF_xiong	38	54 GP8I43W03FLBZF_xion
Unigene_UN_xiong_12654	86	153 UN_xiong_12654
Unigene_UN_xiong_3051	71	859 UN_xiong_3051
Unigene_UN_xiong_5690	66	48 UN_xiong_5690
Unigene_UN_xiong_5927	60	45 UN_xiong_5927
Unigene_GR6TTJD01CAEEM_xiong	27	105 GR6TTJD01CAEEM_xion
Unigene_GP8I43W03GTXKQ_xiong	32	41 GP8I43W03GTXKQ_xion
Unigene_UN_xiong_657	318	58 UN_xiong_657
Unigene_UN_xiong_1232	104	684 UN_xiong_1232
Unigene_UN_xiong_15055	120	324 UN_xiong_15055
Unigene_GR6TTJD01BVW85_xiong	38	52 GR6TTJD01BVW85_xion
Unigene_GP8I43W03FUAAAY_xiong	29	25 GP8I43W03FUAAAY_xion
Unigene_UN_xiong_2987	683	290 UN_xiong_2987
Unigene_GPGRCDD02JZNN6_xiong	37	665 GPGRCDD02JZNN6_xion
Unigene_UN_xiong_2360	412	452 UN_xiong_2360
Unigene_UN_xiong_14340	112	64 UN_xiong_14340
Unigene_UN_xiong_12679	420	946 UN_xiong_12679
Unigene_UN_xiong_13873	75	50 UN_xiong_13873
Unigene_GPGRCDD02JLCPW_xiong	41	25 GPGRCDD02JLCPW_xion
Unigene_UN_xiong_13384	175	59 UN_xiong_13384
Unigene_UN_xiong_13695	51	22 UN_xiong_13695
Unigene_UN_xiong_3829	72	86 UN_xiong_3829
Unigene_UN_xiong_12794	72	25 UN_xiong_12794
Unigene_UN_xiong_2609	61	61 UN_xiong_2609
Unigene_UN_xiong_13725	137	181 UN_xiong_13725
Unigene_UN_xiong_10735	116	56 UN_xiong_10735
Unigene_GPGRCDD02HHQRY_xiong	22	50 GPGRCDD02HHQRY_xion
Unigene_UN_xiong_5474	163	45 UN_xiong_5474
Unigene_UN_xiong_11352	68	166 UN_xiong_11352
Unigene_UN_xiong_2687	125	246 UN_xiong_2687
Unigene_UN_xiong_4803	202	19 UN_xiong_4803
Unigene_GR6TTJD01BOHU2_xiong	32	51 GR6TTJD01BOHU2_xion
Unigene_UN_xiong_6210	443	171 UN_xiong_6210
Unigene_UN_xiong_5028	126	81 UN_xiong_5028
Unigene_GPGRCDD02HE7WY_xiong	31	40 GPGRCDD02HE7WY_xion
Unigene_UN_xiong_1305	94	57 UN_xiong_1305
Unigene_GPGRCDD02HML6C_xiong	37	94 GPGRCDD02HML6C_xion
Unigene_UN_xiong_7587	37	90 UN_xiong_7587
Unigene_UN_xiong_5310	206	196 UN_xiong_5310
Unigene_GR6TTJD01AIX9U_xiong	42	64 GR6TTJD01AIX9U_xion
Unigene_UN_xiong_14632	222	188 UN_xiong_14632
Unigene_UN_xiong_6552	49	21 UN_xiong_6552
Unigene_UN_xiong_14399	246	190 UN_xiong_14399
Unigene_UN_xiong_7451	78	388 UN_xiong_7451
Unigene_UN_xiong_1049	214	71 UN_xiong_1049
Unigene_UN_xiong_13971	107	96 UN_xiong_13971

Unigene_UN_xiong_8451	110	131 UN_xiong_8451
Unigene_GPGRCD02GSVDQ_xiong	26	284 GPGRCD02GSVDQ_xion
Unigene_UN_xiong_7746	170	25 UN_xiong_7746
Unigene_UN_xiong_8530	1935	1396 UN_xiong_8530
Unigene_UN_xiong_397	103	66 UN_xiong_397
Unigene_UN_xiong_3186	103	127 UN_xiong_3186
Unigene_UN_xiong_3886	149	915 UN_xiong_3886
Unigene_GP8I43W03GQWMR_xiong	34	110 GP8I43W03GQWMR_xion
Unigene_UN_xiong_15434	204	1984 UN_xiong_15434
Unigene_UN_xiong_491	141	400 UN_xiong_491
Unigene_GR6TTJD01B8MML_xiong	53	54 GR6TTJD01B8MML_xion
Unigene_GP8I43W03GSCIX_xiong	52	78 GP8I43W03GSCIX_xion
Unigene_UN_xiong_2319	87	101 UN_xiong_2319
Unigene_UN_xiong_14546	1672	495 UN_xiong_14546
Unigene_UN_xiong_12390	637	1276 UN_xiong_12390
Unigene_UN_xiong_1304	125	84 UN_xiong_1304
Unigene_UN_xiong_14660	1300	319 UN_xiong_14660
Unigene_UN_xiong_9332	82	24 UN_xiong_9332
Unigene_GR6TTJD01A0AE7_xiong	25	45 GR6TTJD01A0AE7_xion
Unigene_UN_xiong_1478	1338	775 UN_xiong_1478
Unigene_GR6TTJD01BHVEI_xiong	27	282 GR6TTJD01BHVEI_xion
Unigene_UN_xiong_12872	135	29 UN_xiong_12872
Unigene_UN_xiong_9833	164	25 UN_xiong_9833
Unigene_UN_xiong_557	393	246 UN_xiong_557
Unigene_UN_xiong_3575	78	62 UN_xiong_3575
Unigene_UN_xiong_7246	71	31 UN_xiong_7246
Unigene_GR6TTJD01APU9L_xiong	99	112 GR6TTJD01APU9L_xion
Unigene_GR6TTJD01AJY40_xiong	26	25 GR6TTJD01AJY40_xion
Unigene_UN_xiong_9138	62	131 UN_xiong_9138
Unigene_UN_xiong_1488	118	130 UN_xiong_1488
Unigene_UN_xiong_15235	328	2209 UN_xiong_15235
Unigene_UN_xiong_3234	72	25 UN_xiong_3234
Unigene_GPGRCD02IY69Y_xiong	49	105 GPGRCD02IY69Y_xion
Unigene_GP8I43W03F0DBU_xiong	25	70 GP8I43W03F0DBU_xion
Unigene_UN_xiong_14230	78	350 UN_xiong_14230
Unigene_GR6TTJD01AF6W7_xiong	34	30 GR6TTJD01AF6W7_xion
Unigene_UN_xiong_2622	351	442 UN_xiong_2622
Unigene_UN_xiong_508	60	31 UN_xiong_508
Unigene_UN_xiong_6084	241	102 UN_xiong_6084
Unigene_UN_xiong_3776	339	108 UN_xiong_3776
Unigene_UN_xiong_585	69	21 UN_xiong_585
Unigene_UN_xiong_7069	265	77 UN_xiong_7069
Unigene_GPGRCD02G3Q7R_xiong	25	62 GPGRCD02G3Q7R_xion
Unigene_UN_xiong_5776	72	48 UN_xiong_5776
Unigene_UN_xiong_14731	266	234 UN_xiong_14731
Unigene_UN_xiong_1704	1053	44 UN_xiong_1704
Unigene_GP8I43W03F20ZR_xiong	28	86 GP8I43W03F20ZR_xion
Unigene_UN_xiong_2887	432	55 UN_xiong_2887
Unigene_UN_xiong_14791	606	1279 UN_xiong_14791
Unigene_UN_xiong_9279	94	89 UN_xiong_9279

Unigene_GR6TTJD01ANB23_xiong	23	21 GR6TTJD01ANB23_xion
Unigene_GR6TTJD01A1KYR_xiong	31	59 GR6TTJD01A1KYR_xion
Unigene_GR6TTJD01BUU57_xiong	87	120 GR6TTJD01BUU57_xion
Unigene_UN_xiong_6041	99	43 UN_xiong_6041
Unigene_GPGRCDD02FZ756_xiong	28	85 GPGRCDD02FZ756_xion
Unigene_GR6TTJD01AFKL6_xiong	26	30 GR6TTJD01AFKL6_xion
Unigene_UN_xiong_1246	217	156 UN_xiong_1246
Unigene_UN_xiong_11895	55	106 UN_xiong_11895
Unigene_UN_xiong_7717	190	42 UN_xiong_7717
Unigene_UN_xiong_7934	33	165 UN_xiong_7934
Unigene_GR6TTJD01AFU20_xiong	34	49 GR6TTJD01AFU20_xion
Unigene_UN_xiong_628	106	72 UN_xiong_628
Unigene_UN_xiong_15178	164	70 UN_xiong_15178
Unigene_UN_xiong_10777	63	40 UN_xiong_10777
Unigene_UN_xiong_10029	159	62 UN_xiong_10029
Unigene_UN_xiong_1570	777	2591 UN_xiong_1570
Unigene_UN_xiong_6646	92	48 UN_xiong_6646
Unigene_GPGRCDD02G800S_xiong	49	139 GPGRCDD02G800S_xion
Unigene_GR6TTJD01A9FQJ_xiong	93	81 GR6TTJD01A9FQJ_xion
Unigene_UN_xiong_1812	529	1527 UN_xiong_1812
Unigene_GP8I43W03GDTVW_xiong	39	25 GP8I43W03GDTVW_xion
Unigene_UN_xiong_15041	360	53 UN_xiong_15041
Unigene_UN_xiong_11986	192	95 UN_xiong_11986
Unigene_GR6TTJD01BW76I_xiong	44	43 GR6TTJD01BW76I_xion
Unigene_UN_xiong_8067	167	41 UN_xiong_8067
Unigene_GR6TTJD01B77WJ_xiong	23	23 GR6TTJD01B77WJ_xion
Unigene_GPGRCDD02HKYJ3_xiong	32	41 GPGRCDD02HKYJ3_xion
Unigene_GP8I43W03F29L4_xiong	28	71 GP8I43W03F29L4_xion
Unigene_UN_xiong_7443	122	1581 UN_xiong_7443
Unigene_GR6TTJD01BRVRQ_xiong	22	24 GR6TTJD01BRVRQ_xion
Unigene_GPGRCDD02JLIQT_xiong	35	61 GPGRCDD02JLIQT_xion
Unigene_GPGRCDD02JOKQ1_xiong	70	224 GPGRCDD02JOKQ1_xion
Unigene_UN_xiong_4398	133	185 UN_xiong_4398
Unigene_UN_xiong_3944	65	117 UN_xiong_3944
Unigene_UN_xiong_5326	75	120 UN_xiong_5326
Unigene_UN_xiong_4707	265	286 UN_xiong_4707
Unigene_UN_xiong_9379	92	68 UN_xiong_9379
Unigene_GP8I43W03GWRCN_xiong	38	145 GP8I43W03GWRCN_xion
Unigene_UN_xiong_8292	56	58 UN_xiong_8292
Unigene_UN_xiong_4148	80	47 UN_xiong_4148
Unigene_UN_xiong_5551	51	22 UN_xiong_5551
Unigene_UN_xiong_9949	112	227 UN_xiong_9949
Unigene_GPGRCDD02HLSC6_xiong	43	29 GPGRCDD02HLSC6_xion
Unigene_UN_xiong_15193	674	39 UN_xiong_15193
Unigene_GPGRCDD02HJUSG_xiong	35	42 GPGRCDD02HJUSG_xion
Unigene_GPGRCDD02I8SK5_xiong	19	51 GPGRCDD02I8SK5_xion
Unigene_UN_xiong_13171	56	27 UN_xiong_13171
Unigene_GPGRCDD02IJAHI_xiong	49	26 GPGRCDD02IJAHI_xion
Unigene_GR6TTJD01BX4U3_xiong	26	135 GR6TTJD01BX4U3_xion
Unigene_UN_xiong_15667	200	285 UN_xiong_15667

Unigene_GPGRCD02F81FJ_xiong	30	121 GPGRCD02F81FJ_xion
Unigene_GPGRCD02F92SX_xiong	32	63 GPGRCD02F92SX_xion
Unigene_UN_xiong_5132	260	305 UN_xiong_5132
Unigene_GR6TTJD01AF1VJ_xiong	29	46 GR6TTJD01AF1VJ_xion
Unigene_UN_xiong_812	207	96 UN_xiong_812
Unigene_GR6TTJD01ASSVX_xiong	36	70 GR6TTJD01ASSVX_xion
Unigene_UN_xiong_1786	223	49 UN_xiong_1786
Unigene_GPGRCD02GV1NZ_xiong	27	314 GPGRCD02GV1NZ_xion
Unigene_UN_xiong_15403	270	341 UN_xiong_15403
Unigene_UN_xiong_4952	181	350 UN_xiong_4952
Unigene_GPGRCD02HP1YF_xiong	98	215 GPGRCD02HP1YF_xion
Unigene_UN_xiong_379	208	84 UN_xiong_379
Unigene_UN_xiong_15020	303	131 UN_xiong_15020
Unigene_UN_xiong_14237	112	84 UN_xiong_14237
Unigene_UN_xiong_12492	78	51 UN_xiong_12492
Unigene_UN_xiong_1920	316	270 UN_xiong_1920
Unigene_UN_xiong_15664	209	2414 UN_xiong_15664
Unigene_UN_xiong_14251	865	1054 UN_xiong_14251
Unigene_UN_xiong_11663	100	50 UN_xiong_11663
Unigene_GPGRCD02F2AJ5_xiong	27	77 GPGRCD02F2AJ5_xion
Unigene_UN_xiong_6525	233	101 UN_xiong_6525
Unigene_GPGRCD02GC6F7_xiong	30	33 GPGRCD02GC6F7_xion
Unigene_UN_xiong_6618	53	65 UN_xiong_6618
Unigene_UN_xiong_6908	65	41 UN_xiong_6908
Unigene_UN_xiong_1386	113	21 UN_xiong_1386
Unigene_UN_xiong_4219	312	33 UN_xiong_4219
Unigene_UN_xiong_11339	64	70 UN_xiong_11339
Unigene_GR6TTJD01ASAS8_xiong	74	65 GR6TTJD01ASAS8_xion
Unigene_GR6TTJD01ASN4A_xiong	30	139 GR6TTJD01ASN4A_xion
Unigene_UN_xiong_1241	255	549 UN_xiong_1241
Unigene_UN_xiong_3466	38	314 UN_xiong_3466
Unigene_UN_xiong_7289	172	50 UN_xiong_7289
Unigene_UN_xiong_14224	409	365 UN_xiong_14224
Unigene_UN_xiong_4183	157	112 UN_xiong_4183
Unigene_UN_xiong_3521	859	2102 UN_xiong_3521
Unigene_GR6TTJD01A2MAF_xiong	36	52 GR6TTJD01A2MAF_xion
Unigene_GPGRCD02ICRIK_xiong	26	216 GPGRCD02ICRIK_xion
Unigene_GP8I43W03GZDIW_xiong	28	95 GP8I43W03GZDIW_xion
Unigene_UN_xiong_9586	220	121 UN_xiong_9586
Unigene_GR6TTJD01AYKG0_xiong	22	26 GR6TTJD01AYKG0_xion
Unigene_UN_xiong_9218	60	349 UN_xiong_9218
Unigene_UN_xiong_14285	2489	1939 UN_xiong_14285
Unigene_UN_xiong_4314	79	22 UN_xiong_4314
Unigene_UN_xiong_3544	1234	77 UN_xiong_3544
Unigene_GP8I43W03FI1R0_xiong	30	30 GP8I43W03FI1R0_xion
Unigene_UN_xiong_14215	446	64 UN_xiong_14215
Unigene_UN_xiong_9652	636	1141 UN_xiong_9652
Unigene_GP8I43W03G07QB_xiong	61	78 GP8I43W03G07QB_xion
Unigene_UN_xiong_11580	330	303 UN_xiong_11580
Unigene_GP8I43W03G52Z6_xiong	50	43 GP8I43W03G52Z6_xion

Unigene_UN_xiong_9881	82	330 UN_xiong_9881
Unigene_UN_xiong_5449	46	91 UN_xiong_5449
Unigene_UN_xiong_2191	189	288 UN_xiong_2191
Unigene_UN_xiong_13092	274	202 UN_xiong_13092
Unigene_GPGRCD02I70LB_xiong	30	27 GPGRCD02I70LB_xion
Unigene_GR6TTJD01BNA4S_xiong	21	62 GR6TTJD01BNA4S_xion
Unigene_UN_xiong_2188	66	45 UN_xiong_2188
Unigene_UN_xiong_14801	681	437 UN_xiong_14801
Unigene_GR6TTJD01AQ5ZW_xiong	61	25 GR6TTJD01AQ5ZW_xion
Unigene_GPGRCD02JCNPC_xiong	28	157 GPGRCD02JCNPC_xion
Unigene_GR6TTJD01BAEUX_xiong	26	87 GR6TTJD01BAEUX_xion
Unigene_UN_xiong_10905	247	357 UN_xiong_10905
Unigene_UN_xiong_7905	199	84 UN_xiong_7905
Unigene_UN_xiong_7361	90	60 UN_xiong_7361
Unigene_UN_xiong_4162	79	195 UN_xiong_4162
Unigene_UN_xiong_1378	132	42 UN_xiong_1378
Unigene_UN_xiong_248	88	179 UN_xiong_248
Unigene_GPGRCD02JL05R_xiong	52	49 GPGRCD02JL05R_xion
Unigene_UN_xiong_1850	1314	67 UN_xiong_1850
Unigene_UN_xiong_804	248	21 UN_xiong_804
Unigene_UN_xiong_1124	73	39 UN_xiong_1124
Unigene_UN_xiong_1259	256	119 UN_xiong_1259
Unigene_UN_xiong_9214	95	100 UN_xiong_9214
Unigene_UN_xiong_13142	261	47 UN_xiong_13142
Unigene_UN_xiong_3823	593	43 UN_xiong_3823
Unigene_GR6TTJD01BL9ST_xiong	27	45 GR6TTJD01BL9ST_xion
Unigene_UN_xiong_13906	74	26 UN_xiong_13906
Unigene_UN_xiong_8286	265	131 UN_xiong_8286
Unigene_UN_xiong_3384	606	475 UN_xiong_3384
Unigene_UN_xiong_261	231	54 UN_xiong_261
Unigene_UN_xiong_2716	33	21 UN_xiong_2716
Unigene_GPGRCD02GGCUC_xiong	66	74 GPGRCD02GGCUC_xion
Unigene_UN_xiong_14838	325	227 UN_xiong_14838
Unigene_GR6TTJD01AFCUA_xiong	27	80 GR6TTJD01AFCUA_xion
Unigene_UN_xiong_8123	42	31 UN_xiong_8123
Unigene_GR6TTJD01A03J6_xiong	24	39 GR6TTJD01A03J6_xion
Unigene_UN_xiong_9886	93	26 UN_xiong_9886
Unigene_UN_xiong_2825	163	168 UN_xiong_2825
Unigene_UN_xiong_15755	962	1446 UN_xiong_15755
Unigene_GP8I43W03G8QY2_xiong	30	149 GP8I43W03G8QY2_xion
Unigene_UN_xiong_10445	61	144 UN_xiong_10445
Unigene_UN_xiong_3675	494	221 UN_xiong_3675
Unigene_GR6TTJD01BJ42K_xiong	28	27 GR6TTJD01BJ42K_xion
Unigene_UN_xiong_9105	4634	3671 UN_xiong_9105
Unigene_GR6TTJD01A1UKL_xiong	29	169 GR6TTJD01A1UKL_xion
Unigene_UN_xiong_10838	136	202 UN_xiong_10838
Unigene_UN_xiong_4413	73	141 UN_xiong_4413
Unigene_UN_xiong_14992	104	3118 UN_xiong_14992
Unigene_UN_xiong_10854	118	51 UN_xiong_10854
Unigene_GR6TTJD01A4BD8_xiong	22	40 GR6TTJD01A4BD8_xion

Unigene_UN_xiong_9553	2174	91 UN_xiong_9553
Unigene_GR6TTJD01B70A0_xiong	105	55 GR6TTJD01B70A0_xion
Unigene_UN_xiong_5938	73	70 UN_xiong_5938
Unigene_UN_xiong_11417	110	114 UN_xiong_11417
Unigene_GPGRCDD02H9T8Q_xiong	32	116 GPGRCDD02H9T8Q_xion
Unigene_UN_xiong_6851	56	44 UN_xiong_6851
Unigene_UN_xiong_13557	538	59 UN_xiong_13557
Unigene_UN_xiong_3334	90	23 UN_xiong_3334
Unigene_UN_xiong_14376	826	94 UN_xiong_14376
Unigene_UN_xiong_6815	28	118 UN_xiong_6815
Unigene_UN_xiong_4642	265	264 UN_xiong_4642
Unigene_GR6TTJD01BKE87_xiong	41	25 GR6TTJD01BKE87_xion
Unigene_UN_xiong_1011	97	501 UN_xiong_1011
Unigene_GP8I43W03GL1VD_xiong	28	125 GP8I43W03GL1VD_xion
Unigene_UN_xiong_15191	510	623 UN_xiong_15191
Unigene_UN_xiong_825	355	131 UN_xiong_825
Unigene_UN_xiong_12916	104	676 UN_xiong_12916
Unigene_GR6TTJD01A6VM5_xiong	41	51 GR6TTJD01A6VM5_xion
Unigene_GR6TTJD01AXJ1X_xiong	62	62 GR6TTJD01AXJ1X_xion
Unigene_UN_xiong_8066	46	23 UN_xiong_8066
Unigene_GR6TTJD01A80YI_xiong	21	21 GR6TTJD01A80YI_xion
Unigene_GR6TTJD01BQEHV_xiong	58	138 GR6TTJD01BQEHV_xion
Unigene_GP8I43W03GSFMW_xiong	58	48 GP8I43W03GSFMW_xion
Unigene_UN_xiong_6672	448	308 UN_xiong_6672
Unigene_UN_xiong_3383	85	337 UN_xiong_3383
Unigene_GR6TTJD01A0SZV_xiong	38	85 GR6TTJD01A0SZV_xion
Unigene_GPGRCDD02G9L30_xiong	79	79 GPGRCDD02G9L30_xion
Unigene_UN_xiong_3885	366	50 UN_xiong_3885
Unigene_UN_xiong_15479	61	179 UN_xiong_15479
Unigene_UN_xiong_2440	65	131 UN_xiong_2440
Unigene_UN_xiong_11303	125	47 UN_xiong_11303
Unigene_UN_xiong_5889	92	53 UN_xiong_5889
Unigene_GP8I43W03GL46Q_xiong	33	28 GP8I43W03GL46Q_xion
Unigene_GPGRCDD02HQLDD_xiong	26	209 GPGRCDD02HQLDD_xion
Unigene_UN_xiong_2057	246	175 UN_xiong_2057
Unigene_UN_xiong_4518	318	90 UN_xiong_4518
Unigene_UN_xiong_13224	165	84 UN_xiong_13224
Unigene_UN_xiong_3510	31	167 UN_xiong_3510
Unigene_GP8I43W03G17JX_xiong	24	46 GP8I43W03G17JX_xion
Unigene_UN_xiong_2314	52	54 UN_xiong_2314
Unigene_UN_xiong_13526	199	65 UN_xiong_13526
Unigene_UN_xiong_7089	92	172 UN_xiong_7089
Unigene_UN_xiong_6196	84	69 UN_xiong_6196
Unigene_UN_xiong_12059	78	59 UN_xiong_12059
Unigene_UN_xiong_13394	223	153 UN_xiong_13394
Unigene_UN_xiong_13144	185	366 UN_xiong_13144
Unigene_GPGRCDD02F2B90_xiong	56	77 GPGRCDD02F2B90_xion
Unigene_UN_xiong_1837	45	87 UN_xiong_1837
Unigene_GR6TTJD01A7JEM_xiong	28	121 GR6TTJD01A7JEM_xion
Unigene_UN_xiong_1317	70	192 UN_xiong_1317

Unigene_UN_xiong_24	54	87 UN_xiong_24
Unigene_GR6TTJD01BWCLX_xiong	28	208 GR6TTJD01BWCLX_xion
Unigene_UN_xiong_2419	48	91 UN_xiong_2419
Unigene_UN_xiong_8445	80	1408 UN_xiong_8445
Unigene_UN_xiong_2797	258	135 UN_xiong_2797
Unigene_UN_xiong_5164	61	21 UN_xiong_5164
Unigene_UN_xiong_1586	927	807 UN_xiong_1586
Unigene_UN_xiong_2103	312	50 UN_xiong_2103
Unigene_GPGRCDD02F4VFP_xiong	23	26 GPGRCDD02F4VFP_xion
Unigene_UN_xiong_13396	143	240 UN_xiong_13396
Unigene_UN_xiong_12881	46	28 UN_xiong_12881
Unigene_UN_xiong_5385	132	24 UN_xiong_5385
Unigene_GPGRCDD02F1EGQ_xiong	42	66 GPGRCDD02F1EGQ_xion
Unigene_UN_xiong_12024	274	86 UN_xiong_12024
Unigene_UN_xiong_5138	42	119 UN_xiong_5138
Unigene_UN_xiong_1706	81	536 UN_xiong_1706
Unigene_UN_xiong_853	238	547 UN_xiong_853
Unigene_GP8I43W03FUQV0_xiong	28	48 GP8I43W03FUQV0_xion
Unigene_UN_xiong_5592	174	72 UN_xiong_5592
Unigene_UN_xiong_15105	4711	2446 UN_xiong_15105
Unigene_UN_xiong_11516	209	103 UN_xiong_11516
Unigene_UN_xiong_3244	258	92 UN_xiong_3244
Unigene_UN_xiong_7456	121	34 UN_xiong_7456
Unigene_UN_xiong_2837	99	76 UN_xiong_2837
Unigene_UN_xiong_14141	104	126 UN_xiong_14141
Unigene_UN_xiong_5662	240	149 UN_xiong_5662
Unigene_GR6TTJD01B00KN_xiong	25	84 GR6TTJD01B00KN_xion
Unigene_UN_xiong_14225	606	24 UN_xiong_14225
Unigene_UN_xiong_8793	82	196 UN_xiong_8793
Unigene_GR6TTJD01AGBVM_xiong	69	49 GR6TTJD01AGBVM_xion
Unigene_UN_xiong_2218	213	1139 UN_xiong_2218
Unigene_UN_xiong_12279	130	71 UN_xiong_12279
Unigene_UN_xiong_12248	82	73 UN_xiong_12248
Unigene_UN_xiong_122	661	2915 UN_xiong_122
Unigene_GP8I43W03FR5MS_xiong	55	61 GP8I43W03FR5MS_xion
Unigene_GR6TTJD01ATWM0_xiong	20	130 GR6TTJD01ATWM0_xion
Unigene_UN_xiong_6917	82	93 UN_xiong_6917
Unigene_UN_xiong_4652	37	280 UN_xiong_4652
Unigene_GP8I43W03GEJSL_xiong	28	29 GP8I43W03GEJSL_xion
Unigene_UN_xiong_7616	81	108 UN_xiong_7616
Unigene_UN_xiong_2165	216	244 UN_xiong_2165
Unigene_UN_xiong_7790	167	19 UN_xiong_7790
Unigene_GR6TTJD01AJ4SS_xiong	21	63 GR6TTJD01AJ4SS_xion
Unigene_GPGRCDD02HJA5Z_xiong	37	178 GPGRCDD02HJA5Z_xion
Unigene_UN_xiong_8140	441	507 UN_xiong_8140
Unigene_UN_xiong_3787	195	1564 UN_xiong_3787
Unigene_UN_xiong_8082	302	103 UN_xiong_8082
Unigene_GP8I43W03GTP00_xiong	28	101 GP8I43W03GTP00_xion
Unigene_UN_xiong_15071	207	46 UN_xiong_15071
Unigene_GR6TTJD01A1VVT_xiong	39	39 GR6TTJD01A1VVT_xion

Unigene_UN_xiong_6623	108	23 UN_xiong_6623
Unigene_UN_xiong_4795	253	2864 UN_xiong_4795
Unigene_UN_xiong_7727	109	36 UN_xiong_7727
Unigene_UN_xiong_5964	52	60 UN_xiong_5964
Unigene_UN_xiong_11693	45	95 UN_xiong_11693
Unigene_GPGRCD02GGX3A_xiong	58	100 GPGRCD02GGX3A_xion
Unigene_UN_xiong_10610	205	196 UN_xiong_10610
Unigene_UN_xiong_2305	88	219 UN_xiong_2305
Unigene_UN_xiong_11592	143	89 UN_xiong_11592
Unigene_UN_xiong_10971	108	42 UN_xiong_10971
Unigene_UN_xiong_150	312	2165 UN_xiong_150
Unigene_UN_xiong_14440	1775	1689 UN_xiong_14440
Unigene_UN_xiong_110	112	265 UN_xiong_110
Unigene_UN_xiong_2730	88	192 UN_xiong_2730
Unigene_UN_xiong_4683	79	50 UN_xiong_4683
Unigene_UN_xiong_10154	214	22 UN_xiong_10154
Unigene_UN_xiong_6282	108	42 UN_xiong_6282
Unigene_UN_xiong_14588	99	182 UN_xiong_14588
Unigene_UN_xiong_5217	70	26 UN_xiong_5217
Unigene_GPGRCD02IURKV_xiong	28	104 GPGRCD02IURKV_xion
Unigene_UN_xiong_947	191	245 UN_xiong_947
Unigene_GR6TTJD01ATSDD_xiong	51	56 GR6TTJD01ATSDD_xion
Unigene_UN_xiong_10027	2497	1155 UN_xiong_10027
Unigene_UN_xiong_14011	95	32 UN_xiong_14011
Unigene_UN_xiong_8577	47	27 UN_xiong_8577
Unigene_UN_xiong_2858	79	44 UN_xiong_2858
Unigene_UN_xiong_6480	121	57 UN_xiong_6480
Unigene_UN_xiong_3597	353	24 UN_xiong_3597
Unigene_UN_xiong_5941	535	225 UN_xiong_5941
Unigene_GPGRCD02F470T_xiong	64	91 GPGRCD02F470T_xion
Unigene_UN_xiong_9309	97	180 UN_xiong_9309
Unigene_UN_xiong_10942	295	220 UN_xiong_10942
Unigene_UN_xiong_978	50	56 UN_xiong_978
Unigene_UN_xiong_8426	65	39 UN_xiong_8426
Unigene_UN_xiong_1329	400	404 UN_xiong_1329
Unigene_UN_xiong_6788	77	322 UN_xiong_6788
Unigene_UN_xiong_6686	85	46 UN_xiong_6686
Unigene_UN_xiong_3399	35	24 UN_xiong_3399
Unigene_UN_xiong_11914	88	389 UN_xiong_11914
Unigene_GPGRCD02HUQY9_xiong	42	39 GPGRCD02HUQY9_xion
Unigene_UN_xiong_6187	40	104 UN_xiong_6187
Unigene_UN_xiong_10607	57	27 UN_xiong_10607
Unigene_UN_xiong_7697	62	37 UN_xiong_7697
Unigene_UN_xiong_141	150	1702 UN_xiong_141
Unigene_UN_xiong_1085	87	1622 UN_xiong_1085
Unigene_GP8I43W03GR792_xiong	59	58 GP8I43W03GR792_xion
Unigene_UN_xiong_14846	121	332 UN_xiong_14846
Unigene_UN_xiong_5956	88	115 UN_xiong_5956
Unigene_UN_xiong_1528	215	129 UN_xiong_1528
Unigene_GR6TTJD01A92NG_xiong	50	36 GR6TTJD01A92NG_xion

Unigene_UN_xiong_12852	102	362 UN_xiong_12852
Unigene_UN_xiong_14918	266	93 UN_xiong_14918
Unigene_UN_xiong_499	113	356 UN_xiong_499
Unigene_UN_xiong_2849	999	62 UN_xiong_2849
Unigene_GPGRCDD02FWTUC_xiong	36	48 GPGRCDD02FWTUC_xion
Unigene_UN_xiong_999	107	153 UN_xiong_999
Unigene_UN_xiong_2747	132	227 UN_xiong_2747
Unigene_GP8I43W03FNJEG_xiong	42	41 GP8I43W03FNJEG_xion
Unigene_UN_xiong_61	84	78 UN_xiong_61
Unigene_UN_xiong_14848	493	1041 UN_xiong_14848
Unigene_GPGRCDD02IH19S_xiong	75	68 GPGRCDD02IH19S_xion
Unigene_GPGRCDD02H57IS_xiong	27	26 GPGRCDD02H57IS_xion
Unigene_UN_xiong_5507	214	47 UN_xiong_5507
Unigene_UN_xiong_6296	77	83 UN_xiong_6296
Unigene_UN_xiong_15395	63	125 UN_xiong_15395
Unigene_UN_xiong_15681	237	27 UN_xiong_15681
Unigene_GR6TTJD01B7IIM_xiong	22	28 GR6TTJD01B7IIM_xion
Unigene_UN_xiong_11332	269	366 UN_xiong_11332
Unigene_UN_xiong_6997	67	47 UN_xiong_6997
Unigene_UN_xiong_6076	79	43 UN_xiong_6076
Unigene_UN_xiong_10010	339	120 UN_xiong_10010
Unigene_UN_xiong_9093	42	178 UN_xiong_9093
Unigene_UN_xiong_7918	100	115 UN_xiong_7918
Unigene_GPGRCDD02HRLW_xiong	24	23 GPGRCDD02HRLW_xion
Unigene_UN_xiong_1857	109	468 UN_xiong_1857
Unigene_GP8I43W03FMQ1T_xiong	40	203 GP8I43W03FMQ1T_xion
Unigene_UN_xiong_15032	466	4948 UN_xiong_15032
Unigene_UN_xiong_7053	57	74 UN_xiong_7053
Unigene_UN_xiong_9132	49	65 UN_xiong_9132
Unigene_UN_xiong_9624	90	25 UN_xiong_9624
Unigene_GR6TTJD01B5LQD_xiong	43	111 GR6TTJD01B5LQD_xion
Unigene_GR6TTJD01BDQX_xiong	49	172 GR6TTJD01BDQX_xion
Unigene_GR6TTJD01B0ETR_xiong	28	78 GR6TTJD01B0ETR_xion
Unigene_UN_xiong_10654	87	25 UN_xiong_10654
Unigene_UN_xiong_4464	50	288 UN_xiong_4464
Unigene_UN_xiong_1197	120	25 UN_xiong_1197
Unigene_UN_xiong_2991	97	2899 UN_xiong_2991
Unigene_UN_xiong_8198	91	22 UN_xiong_8198
Unigene_UN_xiong_14718	246	12389 UN_xiong_14718
Unigene_GR6TTJD01BZHF4_xiong	45	38 GR6TTJD01BZHF4_xion
Unigene_UN_xiong_10082	53	95 UN_xiong_10082
Unigene_UN_xiong_5186	201	124 UN_xiong_5186
Unigene_GP8I43W03HB8X3_xiong	100	56 GP8I43W03HB8X3_xion
Unigene_UN_xiong_7772	99	88 UN_xiong_7772
Unigene_UN_xiong_10414	369	336 UN_xiong_10414
Unigene_UN_xiong_4029	45	68 UN_xiong_4029
Unigene_UN_xiong_8829	34	85 UN_xiong_8829
Unigene_UN_xiong_12443	100	72 UN_xiong_12443
Unigene_GPGRCDD02GCOCL_xiong	26	80 GPGRCDD02GCOCL_xion
Unigene_UN_xiong_1765	151	45 UN_xiong_1765

Unigene_UN_xiong_14748	55	73 UN_xiong_14748
Unigene_UN_xiong_9292	53	136 UN_xiong_9292
Unigene_UN_xiong_10886	172	439 UN_xiong_10886
Unigene_UN_xiong_13684	77	37 UN_xiong_13684
Unigene_GR6TTJD01BQB1P_xiong	33	109 GR6TTJD01BQB1P_xion
Unigene_UN_xiong_14814	128	220 UN_xiong_14814
Unigene_UN_xiong_10058	125	23 UN_xiong_10058
Unigene_GR6TTJD01BDGRA_xiong	25	71 GR6TTJD01BDGRA_xion
Unigene_UN_xiong_14486	560	629 UN_xiong_14486
Unigene_UN_xiong_7465	426	121 UN_xiong_7465
Unigene_UN_xiong_4265	61	71 UN_xiong_4265
Unigene_UN_xiong_13480	5608	8578 UN_xiong_13480
Unigene_UN_xiong_11858	81	238 UN_xiong_11858
Unigene_UN_xiong_1348	126	325 UN_xiong_1348
Unigene_UN_xiong_2615	130	77 UN_xiong_2615
Unigene_UN_xiong_11182	119	86 UN_xiong_11182
Unigene_UN_xiong_7320	37	99 UN_xiong_7320
Unigene_UN_xiong_13257	116	55 UN_xiong_13257
Unigene_UN_xiong_15337	569	156 UN_xiong_15337
Unigene_UN_xiong_2832	304	91 UN_xiong_2832
Unigene_UN_xiong_14059	209	161 UN_xiong_14059
Unigene_UN_xiong_1743	402	500 UN_xiong_1743
Unigene_UN_xiong_4004	124	46 UN_xiong_4004
Unigene_UN_xiong_386	4364	2000 UN_xiong_386
Unigene_GR6TTJD01CCLGV_xiong	47	187 GR6TTJD01CCLGV_xion
Unigene_UN_xiong_3900	274	60 UN_xiong_3900
Unigene_GP8I43W03F80ZJ_xiong	29	54 GP8I43W03F80ZJ_xion
Unigene_UN_xiong_10019	108	105 UN_xiong_10019
Unigene_UN_xiong_14567	2813	1157 UN_xiong_14567
Unigene_GPGRCDD02GBX8H_xiong	21	34 GPGRCDD02GBX8H_xion
Unigene_UN_xiong_2251	299	933 UN_xiong_2251
Unigene_GPGRCDD02GI27W_xiong	20	28 GPGRCDD02GI27W_xion
Unigene_UN_xiong_15705	88	112 UN_xiong_15705
Unigene_UN_xiong_3142	588	960 UN_xiong_3142
Unigene_UN_xiong_12646	56	228 UN_xiong_12646
Unigene_UN_xiong_6714	70	68 UN_xiong_6714
Unigene_UN_xiong_2091	161	27 UN_xiong_2091
Unigene_UN_xiong_10344	198	37 UN_xiong_10344
Unigene_UN_xiong_7062	131	38 UN_xiong_7062
Unigene_UN_xiong_14684	271	258 UN_xiong_14684
Unigene_GPGRCDD02JSZRM_xiong	42	103 GPGRCDD02JSZRM_xion
Unigene_UN_xiong_12159	74	96 UN_xiong_12159
Unigene_GP8I43W03GFS34_xiong	44	218 GP8I43W03GFS34_xion
Unigene_GP8I43W03GT2DX_xiong	27	31 GP8I43W03GT2DX_xion
Unigene_GP8I43W03F0ITH_xiong	39	238 GP8I43W03F0ITH_xion
Unigene_UN_xiong_3730	114	111 UN_xiong_3730
Unigene_UN_xiong_5997	364	106 UN_xiong_5997
Unigene_UN_xiong_13600	240	67 UN_xiong_13600
Unigene_GP8I43W03FYBL9_xiong	21	395 GP8I43W03FYBL9_xion
Unigene_UN_xiong_10479	48	71 UN_xiong_10479

Unigene_GR6TTJD01BVUBF_xiong	22	23 GR6TTJD01BVUBF_xion
Unigene_UN_xiong_13924	865	988 UN_xiong_13924
Unigene_GR6TTJD01AH8WC_xiong	27	35 GR6TTJD01AH8WC_xion
Unigene_UN_xiong_2778	66	40 UN_xiong_2778
Unigene_GR6TTJD01BGSEZ_xiong	38	28 GR6TTJD01BGSEZ_xion
Unigene_GPGRCDD02I7CSD_xiong	31	21 GPGRCDD02I7CSD_xion
Unigene_UN_xiong_992	79	61 UN_xiong_992
Unigene_GPGRCDD02F7PPP_xiong	65	38 GPGRCDD02F7PPP_xion
Unigene_UN_xiong_6332	68	110 UN_xiong_6332
Unigene_UN_xiong_1555	56	205 UN_xiong_1555
Unigene_UN_xiong_6676	55	70 UN_xiong_6676
Unigene_GPGRCDD02FOUEU_xiong	22	489 GPGRCDD02FOUEU_xion
Unigene_GR6TTJD01AV4KI_xiong	26	41 GR6TTJD01AV4KI_xion
Unigene_UN_xiong_134	144	299 UN_xiong_134
Unigene_UN_xiong_1858	75	58 UN_xiong_1858
Unigene_UN_xiong_4578	128	79 UN_xiong_4578
Unigene_GR6TTJD01A0CHX_xiong	30	81 GR6TTJD01A0CHX_xion
Unigene_GR6TTJD01BLJHC_xiong	64	66 GR6TTJD01BLJHC_xion
Unigene_UN_xiong_3341	134	28 UN_xiong_3341
Unigene_GPGRCDD02G0VCV_xiong	24	50 GPGRCDD02G0VCV_xion
Unigene_UN_xiong_10473	236	391 UN_xiong_10473
Unigene_UN_xiong_1377	72	76 UN_xiong_1377
Unigene_GP8I43W03HBHQ2_xiong	56	41 GP8I43W03HBHQ2_xion
Unigene_UN_xiong_930	50	48 UN_xiong_930
Unigene_GR6TTJD01BUIMU_xiong	29	29 GR6TTJD01BUIMU_xion
Unigene_UN_xiong_10183	192	48 UN_xiong_10183
Unigene_UN_xiong_1438	854	271 UN_xiong_1438
Unigene_UN_xiong_10090	247	506 UN_xiong_10090
Unigene_UN_xiong_14056	31	51 UN_xiong_14056
Unigene_UN_xiong_7151	194	406 UN_xiong_7151
Unigene_GR6TTJD01BW6TK_xiong	25	24 GR6TTJD01BW6TK_xion
Unigene_UN_xiong_10494	57	187 UN_xiong_10494
Unigene_GPGRCDD02JFC6Q_xiong	37	59 GPGRCDD02JFC6Q_xion
Unigene_GR6TTJD01BBJRH_xiong	29	63 GR6TTJD01BBJRH_xion
Unigene_UN_xiong_7428	126	177 UN_xiong_7428
Unigene_GP8I43W03GIHL4_xiong	93	158 GP8I43W03GIHL4_xion
Unigene_GPGRCDD02HS50A_xiong	53	51 GPGRCDD02HS50A_xion
Unigene_UN_xiong_3682	31	191 UN_xiong_3682
Unigene_UN_xiong_7563	108	31 UN_xiong_7563
Unigene_UN_xiong_14856	207	228 UN_xiong_14856
Unigene_UN_xiong_4098	208	174 UN_xiong_4098
Unigene_UN_xiong_14788	196	40 UN_xiong_14788
Unigene_UN_xiong_8765	304	20 UN_xiong_8765
Unigene_UN_xiong_7800	193	66 UN_xiong_7800
Unigene_GR6TTJD01B1CRX_xiong	41	27 GR6TTJD01B1CRX_xion
Unigene_GR6TTJD01BXSOF_xiong	39	141 GR6TTJD01BXSOF_xion
Unigene_UN_xiong_2672	71	74 UN_xiong_2672
Unigene_UN_xiong_7935	87	117 UN_xiong_7935
Unigene_UN_xiong_14323	329	50 UN_xiong_14323
Unigene_GR6TTJD01BUE26_xiong	35	28 GR6TTJD01BUE26_xion

Unigene_UN_xiong_2205	54	158 UN_xiong_2205
Unigene_UN_xiong_10467	67	45 UN_xiong_10467
Unigene_UN_xiong_11054	431	159 UN_xiong_11054
Unigene_UN_xiong_3841	65	26 UN_xiong_3841
Unigene_UN_xiong_6224	227	31 UN_xiong_6224
Unigene_UN_xiong_139	292	357 UN_xiong_139
Unigene_GR6TTJD01AR9TY_xiong	111	34 GR6TTJD01AR9TY_xion
Unigene_UN_xiong_4346	117	72 UN_xiong_4346
Unigene_UN_xiong_5202	62	34 UN_xiong_5202
Unigene_UN_xiong_12671	848	810 UN_xiong_12671
Unigene_GP8I43W03GFE6C_xiong	29	156 GP8I43W03GFE6C_xion
Unigene_UN_xiong_142	607	404 UN_xiong_142
Unigene_UN_xiong_7269	82	147 UN_xiong_7269
Unigene_UN_xiong_15349	225	177 UN_xiong_15349
Unigene_UN_xiong_14681	209	229 UN_xiong_14681
Unigene_GP8I43W03GNJ1Q_xiong	93	577 GP8I43W03GNJ1Q_xion
Unigene_UN_xiong_7761	176	82 UN_xiong_7761
Unigene_GPGRCDD02I4DZ3_xiong	26	47 GPGRCDD02I4DZ3_xion
Unigene_GR6TTJD01BMMLZ_xiong	24	25 GR6TTJD01BMMLZ_xion
Unigene_UN_xiong_11817	101	67 UN_xiong_11817
Unigene_UN_xiong_274	336	87 UN_xiong_274
Unigene_UN_xiong_14453	1023	514 UN_xiong_14453
Unigene_UN_xiong_6390	46	182 UN_xiong_6390
Unigene_UN_xiong_15042	159	26 UN_xiong_15042
Unigene_UN_xiong_6359	104	49 UN_xiong_6359
Unigene_GR6TTJD01BGNM9_xiong	37	191 GR6TTJD01BGNM9_xion
Unigene_GR6TTJD01ATT4J_xiong	27	98 GR6TTJD01ATT4J_xion
Unigene_GR6TTJD01A3QI5_xiong	51	99 GR6TTJD01A3QI5_xion
Unigene_GR6TTJD01AW09R_xiong	23	37 GR6TTJD01AW09R_xion
Unigene_UN_xiong_14774	383	594 UN_xiong_14774
Unigene_GR6TTJD01AH8FD_xiong	51	39 GR6TTJD01AH8FD_xion
Unigene_UN_xiong_5623	216	472 UN_xiong_5623
Unigene_GPGRCDD02I4SHA_xiong	78	66 GPGRCDD02I4SHA_xion
Unigene_GP8I43W03FK234_xiong	26	23 GP8I43W03FK234_xion
Unigene_GPGRCDD02I1J9W_xiong	86	87 GPGRCDD02I1J9W_xion
Unigene_UN_xiong_9271	94	22 UN_xiong_9271
Unigene_UN_xiong_11602	337	91 UN_xiong_11602
Unigene_UN_xiong_8108	182	30 UN_xiong_8108
Unigene_UN_xiong_6779	163	97 UN_xiong_6779
Unigene_UN_xiong_1117	47	20 UN_xiong_1117
Unigene_GR6TTJD01A7NP0_xiong	34	112 GR6TTJD01A7NP0_xion
Unigene_UN_xiong_4892	45	32 UN_xiong_4892
Unigene_GR6TTJD01BSZ50_xiong	51	49 GR6TTJD01BSZ50_xion
Unigene_GR6TTJD01AMF6Z_xiong	22	340 GR6TTJD01AMF6Z_xion
Unigene_UN_xiong_16	313	275 UN_xiong_16
Unigene_UN_xiong_11149	217	224 UN_xiong_11149
Unigene_GR6TTJD01AGPJA_xiong	29	21 GR6TTJD01AGPJA_xion
Unigene_UN_xiong_3098	339	317 UN_xiong_3098
Unigene_UN_xiong_3465	44	31 UN_xiong_3465
Unigene_GR6TTJD01BITGD_xiong	62	112 GR6TTJD01BITGD_xion

Unigene_GR6TTJD01CD85H_xiong	24	31 GR6TTJD01CD85H_xion
Unigene_UN_xiong_1600	77	235 UN_xiong_1600
Unigene_UN_xiong_11868	57	580 UN_xiong_11868
Unigene_UN_xiong_13763	241	71 UN_xiong_13763
Unigene_UN_xiong_13085	63	99 UN_xiong_13085
Unigene_UN_xiong_426	122	24 UN_xiong_426
Unigene_UN_xiong_13696	51	61 UN_xiong_13696
Unigene_UN_xiong_912	142	26 UN_xiong_912
Unigene_GR6TTJD01ALXZU_xiong	25	104 GR6TTJD01ALXZU_xion
Unigene_UN_xiong_10749	1333	89 UN_xiong_10749
Unigene_UN_xiong_2555	1189	634 UN_xiong_2555
Unigene_UN_xiong_10077	85	82 UN_xiong_10077
Unigene_UN_xiong_3468	131	678 UN_xiong_3468
Unigene_GPGRCD02G89IR_xiong	25	92 GPGRCD02G89IR_xion
Unigene_UN_xiong_14607	135	109 UN_xiong_14607
Unigene_UN_xiong_14926	378	109 UN_xiong_14926
Unigene_UN_xiong_7495	224	259 UN_xiong_7495
Unigene_UN_xiong_7162	42	24 UN_xiong_7162
Unigene_UN_xiong_15256	97	78 UN_xiong_15256
Unigene_UN_xiong_1532	81	33 UN_xiong_1532
Unigene_UN_xiong_5453	122	841 UN_xiong_5453
Unigene_GP8I43W03FKMVL_xiong	34	107 GP8I43W03FKMVL_xion
Unigene_UN_xiong_4182	127	301 UN_xiong_4182
Unigene_GP8I43W03HGHUJ_xiong	67	262 GP8I43W03HGHUJ_xion
Unigene_UN_xiong_6381	92	49 UN_xiong_6381
Unigene_UN_xiong_4692	170	74 UN_xiong_4692
Unigene_UN_xiong_14716	3412	1562 UN_xiong_14716
Unigene_UN_xiong_14119	186	115 UN_xiong_14119
Unigene_GPGRCD02JUV6Q_xiong	23	21 GPGRCD02JUV6Q_xion
Unigene_UN_xiong_13753	66	74 UN_xiong_13753
Unigene_GPGRCD02HN6MB_xiong	24	35 GPGRCD02HN6MB_xion
Unigene_GPGRCD02IY2A5_xiong	24	55 GPGRCD02IY2A5_xion
Unigene_UN_xiong_3917	50	26 UN_xiong_3917
Unigene_UN_xiong_4212	69	98 UN_xiong_4212
Unigene_GP8I43W03FWAQJ_xiong	68	59 GP8I43W03FWAQJ_xion
Unigene_UN_xiong_13859	43	52 UN_xiong_13859
Unigene_UN_xiong_8569	1036	2445 UN_xiong_8569
Unigene_UN_xiong_9462	83	27 UN_xiong_9462
Unigene_UN_xiong_3429	106	152 UN_xiong_3429
Unigene_UN_xiong_9506	33	41 UN_xiong_9506
Unigene_UN_xiong_9880	28	101 UN_xiong_9880
Unigene_UN_xiong_938	121	289 UN_xiong_938
Unigene_UN_xiong_15569	77	34 UN_xiong_15569
Unigene_GR6TTJD01A3XSJ_xiong	56	32 GR6TTJD01A3XSJ_xion
Unigene_UN_xiong_8001	178	81 UN_xiong_8001
Unigene_UN_xiong_14219	174	45 UN_xiong_14219
Unigene_GPGRCD02FY58S_xiong	27	52 GPGRCD02FY58S_xion
Unigene_GP8I43W03GXT9M_xiong	53	64 GP8I43W03GXT9M_xion
Unigene_UN_xiong_12070	204	996 UN_xiong_12070
Unigene_UN_xiong_8726	297	542 UN_xiong_8726

Unigene_UN_xiong_5779	169	76 UN_xiong_5779
Unigene_GR6TTJD01BD75M_xiong	20	22 GR6TTJD01BD75M_xion
Unigene_UN_xiong_11142	99	112 UN_xiong_11142
Unigene_UN_xiong_13073	65	63 UN_xiong_13073
Unigene_GPGRCDD02II9WZ_xiong	66	52 GPGRCDD02II9WZ_xion
Unigene_UN_xiong_2824	143	41 UN_xiong_2824
Unigene_UN_xiong_3079	256	2269 UN_xiong_3079
Unigene_UN_xiong_7992	58	44 UN_xiong_7992
Unigene_UN_xiong_14214	110	62 UN_xiong_14214
Unigene_UN_xiong_3719	64	24 UN_xiong_3719
Unigene_UN_xiong_2224	80	461 UN_xiong_2224
Unigene_GP8I43W03F1UP2_xiong	50	121 GP8I43W03F1UP2_xion
Unigene_GR6TTJD01AP7VG_xiong	21	43 GR6TTJD01AP7VG_xion
Unigene_UN_xiong_6450	53	195 UN_xiong_6450
Unigene_UN_xiong_9816	245	72 UN_xiong_9816
Unigene_UN_xiong_9217	64	27 UN_xiong_9217
Unigene_UN_xiong_6496	144	140 UN_xiong_6496
Unigene_UN_xiong_14037	139	156 UN_xiong_14037
Unigene_UN_xiong_13907	34	84 UN_xiong_13907
Unigene_UN_xiong_5874	40	105 UN_xiong_5874
Unigene_UN_xiong_5193	34	54 UN_xiong_5193
Unigene_UN_xiong_535	138	145 UN_xiong_535
Unigene_UN_xiong_7315	63	298 UN_xiong_7315
Unigene_UN_xiong_9900	57	40 UN_xiong_9900
Unigene_UN_xiong_1961	48	264 UN_xiong_1961
Unigene_GP8I43W03FR4I5_xiong	24	21 GP8I43W03FR4I5_xion
Unigene_UN_xiong_4828	128	85 UN_xiong_4828
Unigene_UN_xiong_340	296	135 UN_xiong_340
Unigene_UN_xiong_9082	188	26 UN_xiong_9082
Unigene_UN_xiong_13143	203	57 UN_xiong_13143
Unigene_UN_xiong_10788	87	42 UN_xiong_10788
Unigene_UN_xiong_4983	78	288 UN_xiong_4983
Unigene_GR6TTJD01BR417_xiong	31	43 GR6TTJD01BR417_xion
Unigene_UN_xiong_260	556	70 UN_xiong_260
Unigene_UN_xiong_751	779	376 UN_xiong_751
Unigene_UN_xiong_10957	89	44 UN_xiong_10957
Unigene_UN_xiong_8079	73	206 UN_xiong_8079
Unigene_UN_xiong_8002	40	38 UN_xiong_8002
Unigene_GR6TTJD01BAEVC_xiong	39	92 GR6TTJD01BAEVC_xion
Unigene_UN_xiong_14828	215	119 UN_xiong_14828
Unigene_UN_xiong_6035	39	24 UN_xiong_6035
Unigene_UN_xiong_2515	453	73 UN_xiong_2515
Unigene_UN_xiong_14082	194	134 UN_xiong_14082
Unigene_GR6TTJD01B6GN9_xiong	40	476 GR6TTJD01B6GN9_xion
Unigene_UN_xiong_6972	112	44 UN_xiong_6972
Unigene_GR6TTJD01ATF7W_xiong	41	196 GR6TTJD01ATF7W_xion
Unigene_UN_xiong_8496	105	102 UN_xiong_8496
Unigene_UN_xiong_8850	951	655 UN_xiong_8850
Unigene_UN_xiong_10425	120	175 UN_xiong_10425
Unigene_GR6TTJD01BDRHB_xiong	24	28 GR6TTJD01BDRHB_xion

Unigene_UN_xiong_15205	48	141 UN_xiong_15205
Unigene_UN_xiong_9911	158	166 UN_xiong_9911
Unigene_UN_xiong_14995	338	1040 UN_xiong_14995
Unigene_UN_xiong_6909	759	271 UN_xiong_6909
Unigene_GPGRCDD02I302F_xiong	45	34 GPGRCDD02I302F_xion
Unigene_GR6TTJD01ATJWS_xiong	41	84 GR6TTJD01ATJWS_xion
Unigene_UN_xiong_5301	171	109 UN_xiong_5301
Unigene_UN_xiong_14276	839	23 UN_xiong_14276
Unigene_UN_xiong_8944	521	149 UN_xiong_8944
Unigene_UN_xiong_9666	59	127 UN_xiong_9666
Unigene_UN_xiong_15322	30	212 UN_xiong_15322
Unigene_UN_xiong_4178	392	50 UN_xiong_4178
Unigene_UN_xiong_10220	282	97 UN_xiong_10220
Unigene_UN_xiong_14273	7734	2707 UN_xiong_14273
Unigene_UN_xiong_14623	4746	2395 UN_xiong_14623
Unigene_UN_xiong_12860	189	168 UN_xiong_12860
Unigene_UN_xiong_11553	116	103 UN_xiong_11553
Unigene_UN_xiong_10207	231	61 UN_xiong_10207
Unigene_UN_xiong_329	146	323 UN_xiong_329
Unigene_UN_xiong_2081	108	158 UN_xiong_2081
Unigene_UN_xiong_10060	249	108 UN_xiong_10060
Unigene_GR6TTJD01B1PBW_xiong	55	76 GR6TTJD01B1PBW_xion
Unigene_UN_xiong_12118	213	44 UN_xiong_12118
Unigene_UN_xiong_241	81	734 UN_xiong_241
Unigene_GP8I43W03F1R03_xiong	57	52 GP8I43W03F1R03_xion
Unigene_GPGRCDD02H7N3Y_xiong	66	68 GPGRCDD02H7N3Y_xion
Unigene_GR6TTJD01BAVA9_xiong	22	41 GR6TTJD01BAVA9_xion
Unigene_UN_xiong_5820	44	46 UN_xiong_5820
Unigene_UN_xiong_9827	88	85 UN_xiong_9827
Unigene_UN_xiong_9628	59	21 UN_xiong_9628
Unigene_UN_xiong_5559	188	33 UN_xiong_5559
Unigene_GP8I43W03GNTKR_xiong	32	308 GP8I43W03GNTKR_xion
Unigene_UN_xiong_8839	139	61 UN_xiong_8839
Unigene_UN_xiong_9046	103	169 UN_xiong_9046
Unigene_UN_xiong_1991	83	28 UN_xiong_1991
Unigene_GR6TTJD01B4SPI_xiong	28	95 GR6TTJD01B4SPI_xion
Unigene_GP8I43W03HDRKG_xiong	43	56 GP8I43W03HDRKG_xion
Unigene_UN_xiong_8628	275	426 UN_xiong_8628
Unigene_UN_xiong_14880	364	84 UN_xiong_14880
Unigene_UN_xiong_7967	85	39 UN_xiong_7967
Unigene_UN_xiong_12826	211	119 UN_xiong_12826
Unigene_UN_xiong_15775	64	46 UN_xiong_15775
Unigene_GR6TTJD01AMKAM_xiong	34	23 GR6TTJD01AMKAM_xion
Unigene_GPGRCDD02H93KS_xiong	54	108 GPGRCDD02H93KS_xion
Unigene_GR6TTJD01A39W0_xiong	55	29 GR6TTJD01A39W0_xion
Unigene_UN_xiong_22	85	208 UN_xiong_22
Unigene_UN_xiong_3087	88	161 UN_xiong_3087
Unigene_GR6TTJD01B9L0I_xiong	57	54 GR6TTJD01B9L0I_xion
Unigene_UN_xiong_2134	408	198 UN_xiong_2134

UN_ci_4410	---
GPGRCD02H4KTZ_ci	---
UN_ci_7191	---
UN_ci_2448	---
UN_ci_6784	---
UN_ci_2486	---
GR6TTJD01B0SE8_ci	---
UN_ci_2744	---
GPGRCD02HPSYJ_ci	---
UN_ci_8268	tr Q4T4L7 Q4T4L7_TETNG Profilin OS=Tetraodon nigroviridis GN=GSTENG00007:
UN_ci_2080	---
GR6TTJD01B7HJO_ci	tr Q4RP19 Q4RP19_TETNG Chromosome 10 SCAF15009, whole genome shotgun sequ
UN_ci_3507	---
UN_ci_7243	---
UN_ci_8330	tr C3KHU8 C3KHU8_ANOFI NADH dehydrogenase 1 alpha subcomplex subunit 9, r
GR6TTJD01BEZFJ_ci	---
UN_ci_2367	---
UN_ci_8218	tr Q4RRE1 Q4RRE1_TETNG Chromosome 16 SCAF15002, whole genome shotgun sequ
UN_ci_3214	tr B5X1N7 B5X1N7_SALSA Mitochondrial inner membrane protein OS=Salmo salar
UN_ci_4656	---
UN_ci_6765	tr Q4S653 Q4S653_TETNG Chromosome 9 SCAF14729, whole genome shotgun sequ
UN_ci_2357	tr Q4SD94 Q4SD94_TETNG Chromosome 1 SCAF14641, whole genome shotgun sequ
UN_ci_4064	---
UN_ci_4581	sp Q5XI01 LARP7_RAT La-related protein 7 OS=Rattus norvegicus GN=Larp7 Pl
GPGRCD02F8AIS_ci	---
GR6TTJD01AK9WG_ci	tr Q4S225 Q4S225_TETNG Chromosome undetermined SCAF14764, whole genome sl
GR6TTJD01A5UMH_ci	tr Q1LUB2 Q1LUB2_DANRE Novel protein similar to vertebrate anillin, actin
UN_ci_4563	tr C1BZM9 C1BZM9_ESOLU Cytochrome c oxidase subunit VIIa-related protein,
UN_ci_6535	tr A7E2N8 A7E2N8_DANRE LOC100001081 protein OS=Danio rerio GN=LOC10000108
UN_ci_2722	---
UN_ci_5857	---
GPGRCD02G0Y2F_ci	---
GP8I43W03HCZXA_ci	---
UN_ci_3046	---
UN_ci_1061	---
GR6TTJD01BBOHL_ci	---
GR6TTJD01BFL30_ci	tr Q2KKZ3 Q2KKZ3_SINCH 40S ribosomal protein S17 OS=Siniperca chuatsi PE
UN_ci_109	---
UN_ci_131	tr Q4RP86 Q4RP86_TETNG Chromosome 1 SCAF15008, whole genome shotgun sequ
GR6TTJD01A1M8Y_ci	---
UN_ci_2937	sp Q566X6 PTCD2_DANRE Pentatricopeptide repeat-containing protein 2 OS=Da
UN_ci_6329	---
UN_ci_5240	---
UN_ci_3184	---
UN_ci_5482	---
UN_ci_2138	---
GPGRCD02H700H_ci	---
GPGRCD02F837B_ci	---
UN_ci_5241	tr Q4TBZ2 Q4TBZ2_TETNG Chromosome undetermined SCAF7068, whole genome sh
UN_ci_2779	tr C3KJZ2 C3KJZ2_ANOFI ATP synthase-coupling factor 6, mitochondrial OS=

GP8I43W03F1YB1_ci ---
 UN_ci_7492 tr|Q5QKM9|Q5QKM9_DANRE Deoxycytidine kinase 2 OS=Danio rerio GN=DCK2 PE=
 GR6TTJD01BNFTI_ci ---
 UN_ci_716 ---
 UN_ci_6311 ---
 UN_ci_7285 tr|C3KH36|C3KH36_ANOFI Hepatitis B virus X-interacting protein homolog O
 GR6TTJD01B6ABL_ci tr|Q3MUI3|Q3MUI3_ORYLA Synaptonemal complex protein 1 OS=Oryzias latipes
 UN_ci_1442 ---
 UN_ci_7623 ---
 UN_ci_8079 tr|Q6NWJ5|Q6NWJ5_DANRE Tubulin alpha 6 OS=Danio rerio GN=tuba8l4 PE=2 SV=
 GR6TTJD01BMM7U_ci ---
 UN_ci_5430 tr|D2Y1G9|D2Y1G9_EPICO Beta2-microglobulin 02 OS=Epinephelus coioides PE=
 GPGRCD02H1SGO_ci ---
 UN_ci_5631 tr|Q32PU7|Q32PU7_DANRE Zgc:123194 OS=Danio rerio GN=zgc:123194 PE=2 SV=1
 UN_ci_61 ---
 UN_ci_3968 ---
 UN_ci_1156 ---
 UN_ci_1011 ---
 UN_ci_8461 tr|Q4S240|Q4S240_TETNG Chromosome undetermined SCAF14764, whole genome sl
 GPGRCD02GWQCL_ci ---
 UN_ci_7868 ---
 UN_ci_670 tr|Q90ZQ6|Q90ZQ6_ONCMY Polyubiquitin OS=Oncorhynchus mykiss PE=2 SV=1
 UN_ci_1432 ---
 GPGRCD02J361Z_ci ---
 GR6TTJD01B4BV8_ci tr|Q7ZYC0|Q7ZYC0_XENLA Ccne2-prov protein OS=Xenopus laevis GN=ccne2 PE=
 UN_ci_8318 ---
 UN_ci_3811 ---
 GP8I43W03GX2FJ_ci ---
 UN_ci_3374 ---
 UN_ci_8615 tr|Q4SYT4|Q4SYT4_TETNG Chromosome 8 SCAF11959, whole genome shotgun sequ
 GR6TTJD01B02F4_ci ---
 UN_ci_1528 tr|Q6TEL2|Q6TEL2_DANRE KIAA0669-like protein OS=Danio rerio GN=tsc22d2 PI
 UN_ci_2832 ---
 UN_ci_7761 tr|COPTY0|COPTY0_SALSA Nucleophosmin (Fragment) OS=Salmo salar GN=NPM PE=
 UN_ci_6892 ---
 UN_ci_323 ---
 UN_ci_7123 ---
 GPGRCD02FVGZ5_ci ---
 UN_ci_5053 tr|C3KJE6|C3KJE6_ANOFI Flap endonuclease 1-A OS=Anoplopoma fimbria GN=FEI
 UN_ci_5628 ---
 GPGRCD02F24VW_ci ---
 GR6TTJD01BMQ90_ci ---
 UN_ci_7106 tr|C3KK81|C3KK81_ANOFI Hydroxysteroid dehydrogenase-like protein 2 OS=An
 UN_ci_3605 tr|C3KJB4|C3KJB4_ANOFI Leydig cell tumor 10 kDa protein homolog OS=Anopl
 GR6TTJD01ATDY8_ci ---
 UN_ci_8309 tr|C3KHN8|C3KHN8_ANOFI Cofilin-2 OS=Anoplopoma fimbria GN=COF2 PE=2 SV=1
 UN_ci_6413 tr|B5XGK6|B5XGK6_SALSA Crystallin J1A OS=Salmo salar GN=CRJ1A PE=2 SV=1
 GR6TTJD01BBHTL_ci ---
 GP8I43W03GYOM4_ci ---
 GR6TTJD01BT2V7_ci ---

GPGRCD02GN08N_ci ---
 UN_ci_8645 ---
 UN_ci_6940 tr|Q98TC3|Q98TC3_SERQU Protein kinase raf 1 OS=Seriola quinqueradiata GN=
 UN_ci_6065 tr|Q7ZZN5|Q7ZZN5_DANRE Similar to maternal embryonic leucine zipper kina:
 GR6TTJD01AR2C4_ci tr|Q4SY37|Q4SY37_TETNG Chromosome undetermined SCAF12210, whole genome sl
 GP8I43W03HANV8_ci ---
 GR6TTJD01A453U_ci ---
 UN_ci_8631 ---
 UN_ci_6536 ---
 UN_ci_7312 ---
 UN_ci_2547 ---
 GR6TTJD01BIRTK_ci tr|Q4KTQ7|Q4KTQ7_ACASC Antiquitin OS=Acanthopagrus schlegelii PE=1 SV=1
 UN_ci_7527 ---
 GR6TTJD01BZFM5_ci ---
 GR6TTJD01BDDQJ_ci ---
 UN_ci_2574 tr|A0JPF1|A0JPF1_DANRE Zgc:153686 OS=Danio rerio GN=ubc PE=2 SV=1
 UN_ci_705 ---
 GR6TTJD01A7BAV_ci ---
 UN_ci_3029 ---
 UN_ci_211 ---
 UN_ci_7707 ---
 GR6TTJD01AVWPQ_ci ---
 UN_ci_8582 tr|A4QNY5|A4QNY5_DANRE Zgc:162339 protein OS=Danio rerio GN=zgc:162339 PI
 GR6TTJD01B6ACX_ci tr|Q4SCF0|Q4SCF0_TETNG Chromosome 1 SCAF14655, whole genome shotgun sequ
 GPGRCD02F5TZW_ci ---
 GPGRCD02JW9OI_ci ---
 UN_ci_5322 ---
 UN_ci_8200 tr|Q6Y235|Q6Y235_PAGMA High mobility group protein OS=Pagrus major PE=2 ;
 GR6TTJD01CDTM3_ci ---
 UN_ci_8241 tr|Q4S1K2|Q4S1K2_TETNG Chromosome 6 SCAF14768, whole genome shotgun sequ
 UN_ci_912 ---
 UN_ci_5538 tr|C3KI18|C3KI18_ANOFI Elongation factor 1-delta OS=Anoplopoma fimbria GI
 GR6TTJD01ARP83_ci tr|Q4RPT8|Q4RPT8_TETNG Chromosome 12 SCAF15007, whole genome shotgun sequ
 UN_ci_5405 ---
 GPGRCD02IOCU9_ci tr|Q7ZWC0|Q7ZWC0_DANRE MAP1 light chain 3-like protein 2 OS=Danio rerio (
 UN_ci_491 tr|Q4S474|Q4S474_TETNG Chromosome undetermined SCAF14743, whole genome sl
 GR6TTJD01AU4B4_ci ---
 UN_ci_8548 ---
 UN_ci_7751 tr|Q6PBJ1|Q6PBJ1_DANRE FK506 binding protein 1b OS=Danio rerio GN=fkbp1b
 UN_ci_1689 ---
 GP8I43W03G14E1_ci ---
 GR6TTJD01AFY4C_ci ---
 GP8I43W03FKPLO_ci ---
 UN_ci_6195 ---
 UN_ci_4699 ---
 GP8I43W03HD3IU_ci ---
 UN_ci_1890 ---
 GPGRCD02GI6R7_ci tr|Q4SLS4|Q4SLS4_TETNG Chromosome 13 SCAF14555, whole genome shotgun sequ
 GR6TTJD01BYR3C_ci ---
 UN_ci_2602 tr|Q9I8M2|Q9I8M2_XENLA Putative N-terminal acetyltransferase OS=Xenopus

UN_ci_3101 tr|COH9B9|COH9B9_SALSA RMD5 homolog B OS=Salmo salar GN=RMD5B PE=4 SV=1
 UN_ci_6310 ---
 UN_ci_674 ---
 UN_ci_2915 ---
 GPGRCD02I5K55_ci ---
 UN_ci_6301 sp|Q6AZW1|KISHB_DANRE Protein kish-B OS=Danio rerio GN=tmem167b PE=2 SV=1
 UN_ci_5769 ---
 GP8I43W03HBKQM_ci ---
 UN_ci_6796 tr|D6WA77|D6WA77_TRICA Putative uncharacterized protein OS=Tribolium castaneum
 UN_ci_4303 tr|Q4S2Y0|Q4S2Y0_TETNG Chromosome 8 SCAF14759, whole genome shotgun sequence
 UN_ci_5483 tr|C3KIW9|C3KIW9_ANOFI Nuclear nucleic acid-binding protein C1D OS=Anoplopes
 GPGRCD02FQNW9_ci tr|A4IIR2|A4IIR2_XENTR LOC100125043 protein OS=Xenopus tropicalis GN=LOC100125043
 UN_ci_6589 ---
 UN_ci_4159 tr|Q4S8P8|Q4S8P8_TETNG Chromosome 7 SCAF14703, whole genome shotgun sequence
 UN_ci_8324 tr|Q4RBH1|Q4RBH1_TETNG Chromosome undetermined SCAF21483, whole genome shotgun sequence
 UN_ci_7659 ---
 UN_ci_4613 tr|C1BL65|C1BL65_OSMO Dolichyl-diphosphooligosaccharide--protein glycosyltransferase
 UN_ci_4441 ---
 UN_ci_2022 ---
 UN_ci_4197 ---
 UN_ci_878 ---
 UN_ci_1658 ---
 UN_ci_8110 ---
 UN_ci_4293 ---
 UN_ci_8137 tr|B5X7F1|B5X7F1_SALSA Lin-52 homolog OS=Salmo salar GN=LIN52 PE=4 SV=1
 UN_ci_1394 sp|Q8N531|FBXL6_HUMAN F-box/LRR-repeat protein 6 OS=Homo sapiens GN=FBXL6
 GR6TTJD01ANH3G_ci tr|Q5RG21|Q5RG21_DANRE Integrin beta 1 binding protein 1 OS=Danio rerio GN=ITGB1
 UN_ci_7860 ---
 UN_ci_7242 ---
 GR6TTJD01B06E3_ci ---
 GP8I43W03FKJ09_ci tr|Q4RS02|Q4RS02_TETNG Chromosome 7 SCAF15001, whole genome shotgun sequence
 UN_ci_1154 ---
 UN_ci_1661 tr|C3KIV7|C3KIV7_ANOFI C12orf62 homolog OS=Anoplopes fimbria GN=CL062 PE=1 SV=1
 UN_ci_6273 sp|A2RV29|ZN346_DANRE Zinc finger protein 346 OS=Danio rerio GN=znf346 PE=1 SV=1
 UN_ci_8203 ---
 GP8I43W03FZUCX_ci tr|B5X3J0|B5X3J0_SALSA Ras-related protein Rab-7a OS=Salmo salar GN=RAB7A
 UN_ci_51 tr|C1BZE3|C1BZE3_ESOLU Rab-like protein 3 OS=Esox lucius GN=RABL3 PE=2 SV=1
 UN_ci_1586 ---
 GPGRCD02HVIPA_ci tr|C3KJC1|C3KJC1_ANOFI Fructose-1,6-bisphosphatase 1 OS=Anoplopes fimbria
 GR6TTJD01AJ9KU_ci ---
 UN_ci_5588 ---
 GR6TTJD01BCVVO_ci ---
 UN_ci_2580 tr|Q4RU26|Q4RU26_TETNG Chromosome 1 SCAF14995, whole genome shotgun sequence
 UN_ci_3254 tr|Q4SSD9|Q4SSD9_TETNG ATP synthase subunit alpha OS=Tetraodon nigroviridis
 GR6TTJD01BSDKP_ci ---
 UN_ci_8068 tr|B3DLM7|B3DLM7_XENTR LOC100170503 protein (Fragment) OS=Xenopus tropicalis
 UN_ci_8783 tr|Q2HYM0|Q2HYM0_ICTPU Putative uncharacterized protein (Fragment) OS=Ichthyophaga
 UN_ci_3088 ---
 UN_ci_239 tr|C3KIN0|C3KIN0_ANOFI GTP-binding nuclear protein Ran OS=Anoplopes fimbria
 UN_ci_8621 ---

GR6TTJD01BI6W7_ci ---
 GPGRCD02HHWRW_ci ---
 UN_ci_3163 tr|C3KIP5|C3KIP5_ANOFI Proteasome subunit beta type OS=Anoplopoma fimbria
 GP8I43W03FLP3M_ci ---
 GR6TTJD01ALOTT_ci ---
 UN_ci_180 ---
 GPGRCD02GZGGJ_ci ---
 GR6TTJD01AW5LR_ci tr|Q499C4|Q499C4_DANRE Zgc:109744 OS=Danio rerio GN=zgc:109744 PE=1 SV=1
 UN_ci_5539 tr|Q4S3R4|Q4S3R4_TETNG Chromosome 17 SCAF14747, whole genome shotgun sequ
 GPGRCD02IC67B_ci ---
 GPGRCD02GFHDX_ci tr|Q4SNB7|Q4SNB7_TETNG Chromosome 8 SCAF14543, whole genome shotgun sequ
 UN_ci_7667 tr|C1BKC6|C1BKC6_OSMO 60S ribosomal protein L36a OS=Osmorus mordax GN=RI
 UN_ci_4992 ---
 GR6TTJD01BP7GH_ci tr|Q4S732|Q4S732_TETNG Chromosome 14 SCAF14723, whole genome shotgun sequ
 UN_ci_278 tr|Q90YQ3|Q90YQ3_ICTPU 40S ribosomal protein S20 OS=Ictalurus punctatus I
 UN_ci_3135 tr|Q08C41|Q08C41_DANRE Dgcr8 protein (Fragment) OS=Danio rerio GN=dgcr8 I
 UN_ci_2738 ---
 UN_ci_8670 tr|Q4SPX5|Q4SPX5_TETNG Chromosome 7 SCAF14536, whole genome shotgun sequ
 UN_ci_3696 tr|Q4SH53|Q4SH53_TETNG Chromosome 8 SCAF14587, whole genome shotgun sequ
 GR6TTJD01BP0I1_ci ---
 GR6TTJD01B865N_ci ---
 UN_ci_6340 ---
 UN_ci_5224 tr|Q4SJ56|Q4SJ56_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
 UN_ci_6276 tr|Q4S043|Q4S043_TETNG Chromosome 21 SCAF14785, whole genome shotgun sequ
 UN_ci_7252 tr|C3KI46|C3KI46_ANOFI Probable palmitoyltransferase ZDHHC4 OS=Anoplopoma
 GR6TTJD01AWOH3_ci ---
 UN_ci_4116 tr|Q568Q1|Q568Q1_DANRE Chromatin modifying protein 4C OS=Danio rerio GN=c
 UN_ci_7727 ---
 UN_ci_7224 ---
 UN_ci_3923 tr|Q4TBV0|Q4TBV0_TETNG Chromosome undetermined SCAF7089, whole genome sh
 UN_ci_4017 tr|Q4RPR7|Q4RPR7_TETNG Chromosome 12 SCAF15007, whole genome shotgun sequ
 UN_ci_8665 ---
 UN_ci_5225 ---
 GP8I43W03GKXOM_ci ---
 UN_ci_5257 tr|Q4T329|Q4T329_TETNG Chromosome undetermined SCAF10126, whole genome sl
 UN_ci_7438 tr|Q4V966|Q4V966_DANRE Sept7a protein OS=Danio rerio GN=sept7a PE=2 SV=1
 GR6TTJD01A8PZH_ci ---
 UN_ci_5041 tr|C3KIF4|C3KIF4_ANOFI 26S proteasome non-ATPase regulatory subunit 13 OS
 UN_ci_8694 ---
 UN_ci_1851 ---
 UN_ci_3109 tr|C3KJW6|C3KJW6_ANOFI Chibby homolog 1 OS=Anoplopoma fimbria GN=CBY1 PE=
 UN_ci_299 ---
 GR6TTJD01CFL06_ci tr|Q4ZJF5|Q4ZJF5_TETNG Chromosome 15 SCAF14367, whole genome shotgun sequ
 UN_ci_6389 ---
 UN_ci_5543 tr|Q4RRM7|Q4RRM7_TETNG Chromosome 16 SCAF15002, whole genome shotgun sequ
 UN_ci_2683 ---
 UN_ci_7909 tr|D3YW18|D3YW18_MOUSE Uracil-DNA glycosylase OS=Mus musculus GN=Ung PE=
 UN_ci_5913 tr|Q4SCH0|Q4SCH0_TETNG Chromosome undetermined SCAF14653, whole genome sl
 UN_ci_3810 ---
 UN_ci_6557 ---

UN_ci_2714 ---
 UN_ci_4694 tr|B5XE35|B5XE35_SALSA Nucleoside diphosphate kinase OS=Salmo salar GN=NI
 UN_ci_854 tr|Q4SVP1|Q4SVP1_TETNG Chromosome undetermined SCAF13749, whole genome sl
 UN_ci_2264 ---
 UN_ci_5206 tr|Q4JG04|Q4JG04_DANRE Atypical protein kinase C zeta OS=Danio rerio GN=I
 UN_ci_4976 ---
 UN_ci_4080 tr|Q8CGQ6|Q8CGQ6_RAT Zinc finger protein 161 OS=Rattus norvegicus GN=Zfp.
 UN_ci_8027 sp|POC7V7|SC11B_HUMAN Putative signal peptidase complex catalytic subunit
 UN_ci_4830 tr|B6ZIW1|B6ZIW1_ORYLA Inner centromere protein OS=Oryzias latipes GN=inc
 UN_ci_2662 ---
 GPGRCDD02H843H_ci ---
 UN_ci_4751 sp|Q7ZWW7|TS31B_XENLA Tetraspanin-31-B OS=Xenopus laevis GN=tspan31-b PE-
 UN_ci_5170 ---
 UN_ci_1239 ---
 UN_ci_6257 ---
 GP8I43W03G2V77_ci tr|Q4SXC6|Q4SXC6_TETNG Chromosome undetermined SCAF12505, whole genome sl
 UN_ci_7981 tr|C1BLE0|C1BLE0_OSMO Mitotic spindle assembly checkpoint protein MAD2B
 GPGRCDD02G2ZPT_ci tr|Q4SQ68|Q4SQ68_TETNG Chromosome 19 SCAF14535, whole genome shotgun sequ
 UN_ci_820 tr|C3KIG8|C3KIG8_ANOFI DCN1-like protein 5 OS=Anoplopoma fimbria GN=DCNL
 UN_ci_5428 tr|C1BM92|C1BM92_OSMO SH3 domain-binding glutamic acid-rich-like protein
 UN_ci_3554 tr|Q4RGQ3|Q4RGQ3_TETNG Chromosome 4 SCAF15094, whole genome shotgun sequ
 GR6TTJD01AUCXF_ci ---
 UN_ci_6480 ---
 UN_ci_1994 ---
 UN_ci_535 ---
 UN_ci_6462 ---
 UN_ci_3355 tr|Q45KR0|Q45KR0_LARCR Heat shock protein 60 OS=Larimichthys crocea GN=H
 UN_ci_5872 tr|A0EZW3|A0EZW3_PSEMX Receptor for activated protein kinase C (Fragment)
 UN_ci_6043 tr|C1BYS8|C1BYS8_ESOLU 3-oxoacyl-acyl-carrier-protein reductase OS=Esox
 UN_ci_3271 tr|Q6GPN8|Q6GPN8_XENLA LOC443622 protein (Fragment) OS=Xenopus laevis GN=
 UN_ci_7332 tr|Q501Z8|Q501Z8_DANRE Zgc:112384 OS=Danio rerio GN=zgc:112384 PE=2 SV=1
 GR6TTJD01BPF0I_ci ---
 UN_ci_6794 ---
 UN_ci_6662 ---
 UN_ci_7769 ---
 UN_ci_1767 ---
 UN_ci_4891 ---
 UN_ci_332 ---
 UN_ci_4430 sp|Q5M8G4|LRC40_XENTR Leucine-rich repeat-containing protein 40 OS=Xenop
 UN_ci_2560 tr|Q6DC52|Q6DC52_DANRE Zgc:101107 OS=Danio rerio GN=zgc:101107 PE=2 SV=1
 UN_ci_3206 tr|Q4T9X6|Q4T9X6_TETNG Chromosome undetermined SCAF7485, whole genome sh
 GP8I43W03FR3VX_ci ---
 UN_ci_2047 sp|Q7ZW86|CWC27_DANRE Peptidyl-prolyl cis-trans isomerase CWC27 homolog (
 GPGRCDD02HFK7S_ci ---
 GP8I43W03HEUDC_ci ---
 GR6TTJD01AYUKQ_ci ---
 GR6TTJD01CD6HW_ci ---
 UN_ci_3906 tr|C1BJK8|C1BJK8_OSMO Transcription initiation factor IIE subunit beta (
 UN_ci_6608 tr|D2Y3F1|D2Y3F1_RIVMA O-6-methylguanine DNA-methyltransferase OS=Rivulus
 GPGRCDD02JM96G_ci ---

UN_ci_7340	---
UN_ci_452	---
GR6TTJD01B4WTZ_ci	---
UN_ci_1374	tr Q4S6X8 Q4S6X8_TETNG Chromosome 14 SCAF14723, whole genome shotgun sequ
GR6TTJD01BQY2U_ci	---
UN_ci_4503	tr Q4T5U8 Q4T5U8_TETNG Chromosome 9 SCAF9100, whole genome shotgun sequer
GP8I43W03G9ROX_ci	---
UN_ci_6921	---
UN_ci_2619	---
UN_ci_4119	tr Q4REF3 Q4REF3_TETNG Chromosome 10 SCAF15123, whole genome shotgun sequ
GR6TTJD01A03F8_ci	---
UN_ci_1131	tr B7ZDB0 B7ZDB0_DANRE Novel protein OS=Danio rerio GN=si:dkey-32e6.3 PE-
UN_ci_7521	---
UN_ci_3139	tr COHAP3 COHAP3_SALSA Transport protein Sec61 subunit alpha OS=Salmo sa.
UN_ci_855	tr Q4SCH5 Q4SCH5_TETNG Chromosome undetermined SCAF14653, whole genome sl
UN_ci_3179	tr Q4SN43 Q4SN43_TETNG Chromosome 8 SCAF14543, whole genome shotgun sequ
UN_ci_5334	tr Q4RVN6 Q4RVN6_TETNG 6-phosphogluconate dehydrogenase, decarboxylating
GPGRCD02I66MK_ci	tr O57114 O57114_BVDV Nonstructural protein P125-2 (Fragment) OS=Bovine v
UN_ci_8057	tr Q4TC02 Q4TC02_TETNG Chromosome undetermined SCAF7065, whole genome sh
UN_ci_8251	tr C3KGV9 C3KGV9_ANOFI Transcription elongation factor B polypeptide 1 OS
GR6TTJD01BJANC_ci	---
UN_ci_7858	---
UN_ci_7809	tr Q7ZW94 Q7ZW94_DANRE Signal recognition particle 9 kDa protein OS=Danio
UN_ci_7486	tr Q4SLB3 Q4SLB3_TETNG Chromosome 7 SCAF14557, whole genome shotgun sequ
UN_ci_7782	tr C3KH90 C3KH90_ANOFI 60S ribosomal protein L37a OS=Anoplopoma fimbria (
GR6TTJD01BJ1RK_ci	---
GP8I43W03F1GUZ_ci	---
UN_ci_818	---
UN_ci_8316	tr Q4S2C0 Q4S2C0_TETNG Chromosome undetermined SCAF14764, whole genome sl
UN_ci_5782	---
UN_ci_6663	---
UN_ci_2048	---
UN_ci_4587	---
UN_ci_8009	---
GR6TTJD01A8U1S_ci	---
UN_ci_6402	---
UN_ci_433	tr Q4RP92 Q4RP92_TETNG Chromosome 1 SCAF15008, whole genome shotgun sequ
UN_ci_6291	tr B9V307 B9V307_EPICO B-cell translocation protein 1 OS=Epinephelus coi
UN_ci_5693	---
UN_ci_6947	tr Q4RMG3 Q4RMG3_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
UN_ci_2876	tr Q503X9 Q503X9_DANRE Zgc:110022 OS=Danio rerio GN=zgc:110022 PE=2 SV=1
UN_ci_2773	---
UN_ci_2057	---
UN_ci_836	tr Q08C06 Q08C06_DANRE Amplified in osteosarcoma OS=Danio rerio GN=os9 Pl
UN_ci_3655	tr C3KIH6 C3KIH6_ANOFI Chromobox protein homolog 3 OS=Anoplopoma fimbria
UN_ci_8135	tr A4ZXU1 A4ZXU1_DANRE Ugly duckling OS=Danio rerio GN=udu PE=2 SV=1
UN_ci_8394	---
UN_ci_7329	tr Q4RUH3 Q4RUH3_TETNG Chromosome 1 SCAF14995, whole genome shotgun sequ
UN_ci_8095	---
UN_ci_2636	tr Q4RF99 Q4RF99_TETNG Chromosome 14 SCAF15120, whole genome shotgun sequ

UN_ci_7588 tr|D3TJL7|D3TJL7_EPICO Glutathione S-transferase OS=Epinephelus coioides
 UN_ci_7602 tr|C3KHC1|C3KHC1_ANOFI 26S proteasome non-ATPase regulatory subunit 14 OS=
 UN_ci_778 ---
 UN_ci_6640 ---
 UN_ci_5267 ---
 UN_ci_3853 ---
 UN_ci_6398 ---
 UN_ci_5134 tr|A8WG12|A8WG12_DANRE Zgc:77536 OS=Danio rerio GN=pdzd11 PE=2 SV=1
 UN_ci_7589 tr|Q6P130|Q6P130_DANRE Pinx1 protein (Fragment) OS=Danio rerio GN=pinx1 I
 UN_ci_6081 sp|Q6NYP0|TM208_DANRE Transmembrane protein 208 OS=Danio rerio GN=tmem208
 UN_ci_6831 ---
 GR6TTJD01B1DNB_ci ---
 GR6TTJD01ANSF2_ci tr|Q5XJT6|Q5XJT6_DANRE Galactosidase, alpha OS=Danio rerio GN=gla PE=2 SV=1
 UN_ci_6547 tr|Q4S9I2|Q4S9I2_TETNG Chromosome undetermined SCAF14696, whole genome sl
 UN_ci_150 tr|B5XAF3|B5XAF3_SALSA 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
 UN_ci_3750 tr|D2HJB9|D2HJB9_AILME Putative uncharacterized protein (Fragment) OS=Ailichthys olivacea
 GPGRCDD02JCS09_ci ---
 UN_ci_3309 ---
 UN_ci_6984 ---
 GPGRCDD02IVQRK_ci ---
 UN_ci_6181 tr|Q4REW1|Q4REW1_TETNG Chromosome 13 SCAF15122, whole genome shotgun sequ
 UN_ci_2824 ---
 UN_ci_1445 ---
 UN_ci_3954 ---
 UN_ci_335 ---
 UN_ci_6946 tr|Q3HS41|Q3HS41_PAROL DnaJ-like subfamily A member 4 OS=Paralichthys olivacea
 UN_ci_1176 ---
 GR6TTJD01BP268_ci ---
 UN_ci_7226 ---
 UN_ci_8216 tr|D2CFQ6|D2CFQ6_LARCR Transcription factor Dp-1 OS=Larimichthys crocea I
 UN_ci_8227 tr|B5X1I0|B5X1I0_SALSA S-adenosylmethionine synthase OS=Salmo salar GN=MI
 GR6TTJD01ARPW3_ci ---
 UN_ci_8123 ---
 UN_ci_7733 tr|B5X758|B5X758_SALSA Dolichyl-diphosphooligosaccharide--protein glycosyl
 GR6TTJD01AGUGQ_ci ---
 GPGRCDD02F9KKI_ci ---
 UN_ci_7245 ---
 GP8I43W03F7Q37_ci tr|B5DGJ5|B5DGJ5_SALSA Calpain small subunit 1 OS=Salmo salar GN=capns1 I
 UN_ci_460 ---
 UN_ci_6040 ---
 UN_ci_6579 tr|Q4T3E6|Q4T3E6_TETNG Chromosome 18 SCAF10091, whole genome shotgun sequ
 UN_ci_4065 tr|Q4SJW2|Q4SJW2_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 UN_ci_8391 ---
 UN_ci_3756 tr|C3KHD2|C3KHD2_ANOFI U6 snRNA-associated Sm-like protein LSm5 OS=Anoplolepis
 UN_ci_234 ---
 UN_ci_856 ---
 UN_ci_7239 tr|Q4REE6|Q4REE6_TETNG Chromosome 10 SCAF15123, whole genome shotgun sequ
 UN_ci_6927 tr|Q4RI18|Q4RI18_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 UN_ci_742 ---
 GP8I43W03FSHQD_ci ---

UN_ci_675	tr C1BF98 C1BF98_ONCMY Mitochondrial import inner membrane translocase su
UN_ci_6160	tr B5X7G3 B5X7G3_SALSA Tetraspanin-13 OS=Salmo salar GN=TSN13 PE=2 SV=1
GR6TTJD01BQTGD_ci	tr Q4S305 Q4S305_TETNG Chromosome 3 SCAF14756, whole genome shotgun sequ
GR6TTJD01BEFQO_ci	---
UN_ci_610	---
UN_ci_8211	---
UN_ci_2733	---
UN_ci_1194	tr Q711N8 Q711N8_ONCMY Putative ribosomal protein L39 protein OS=Oncorhyz
GR6TTJD01B36MB_ci	---
UN_ci_8002	tr D6PVN6 D6PVN6_EPICO 40S ribosomal protein S4 (Fragment) OS=Epinephelus
GR6TTJD01BD0UO_ci	---
UN_ci_5944	tr Q4RSE3 Q4RSE3_TETNG Chromosome 13 SCAF15000, whole genome shotgun sequ
UN_ci_5104	tr C1BKD0 C1BKD0_OSMMO Transcription initiation factor TFIID subunit 11 (
UN_ci_5718	tr Q7ZVK2 Q7ZVK2_DANRE Ubiquitin carrier protein OS=Danio rerio GN=ube2g
GPGRCDD02JG1DL_ci	---
UN_ci_8802	tr C1BKB6 C1BKB6_OSMMO Adenosine kinase OS=Osmerus mordax GN=ADK PE=2 SV=
UN_ci_677	---
UN_ci_2723	---
UN_ci_1187	---
UN_ci_950	---
UN_ci_2932	tr C3KHM3 C3KHM3_ANOFI 39S ribosomal protein L30, mitochondrial OS=Anoplo
GP8I43W03G7M3T_ci	---
UN_ci_8264	tr C3KI01 C3KI01_ANOFI Histone deacetylase complex subunit SAP18 OS=Anop
GPGRCDD02GSMK5_ci	---
GR6TTJD01BVKCK_ci	tr Q4S4K1 Q4S4K1_TETNG Chromosome 2 SCAF14738, whole genome shotgun sequ
UN_ci_7095	tr C3KIQ8 C3KIQ8_ANOFI 39S ribosomal protein L14, mitochondrial OS=Anoplo
UN_ci_5867	---
UN_ci_688	---
UN_ci_60	tr C3KIX8 C3KIX8_ANOFI TIP41-like protein OS=Anoplopoma fimbria GN=TIPRL
UN_ci_796	tr C1BM10 C1BM10_OSMMO WD repeat protein 61 OS=Osmerus mordax GN=WDR61 P
UN_ci_4967	tr Q1LWU4 Q1LWU4_DANRE Novel protein similar to vertebrate thioesterase su
UN_ci_8266	tr C3KHN7 C3KHN7_ANOFI COP9 signalosome complex subunit 6 OS=Anoplopoma
GPGRCDD02HXQ32_ci	---
UN_ci_22	---
GR6TTJD01AMS4C_ci	tr Q6DGC0 Q6DGC0_DANRE Zinc finger, AN1-type domain 1 OS=Danio rerio GN=
GR6TTJD01ADZ74_ci	---
GR6TTJD01AX6KD_ci	sp Q5BJD2 C0043_DANRE Uncharacterized protein C15orf43 homolog OS=Danio r
UN_ci_4098	sp Q1LUI2 HDDC2_DANRE HD domain-containing protein 2 OS=Danio rerio GN=hc
UN_ci_7102	---
UN_ci_8031	tr Q4SCZ2 Q4SCZ2_TETNG Chromosome 14 SCAF14646, whole genome shotgun sequ
UN_ci_1498	---
UN_ci_3982	---
UN_ci_5119	tr Q4S4J8 Q4S4J8_TETNG Chromosome 2 SCAF14738, whole genome shotgun sequ
UN_ci_1295	---
GPGRCDD02I7Q53_ci	tr B6SED5 B6SED5_ORENI Ribosomal protein L14 (Fragment) OS=Oreochromis n
GPGRCDD02HNCFP_ci	---
UN_ci_4233	---
UN_ci_4204	tr C3KJL5 C3KJL5_ANOFI Securin OS=Anoplopoma fimbria GN=PTTG1 PE=2 SV=1
UN_ci_3155	tr Q4RMX4 Q4RMX4_TETNG Chromosome 3 SCAF15018, whole genome shotgun sequ
UN_ci_3929	---

GPGRCD02GTG7K_ci sp|Q7ZUU1|UNC50_DANRE Protein unc-50 homolog OS=Danio rerio GN=unc50 PE=4
 GPGRCD02JBNDV_ci ---
 UN_ci_7851 ---
 UN_ci_38 tr|Q4T6W8|Q4T6W8_TETNG Chromosome undetermined SCAF8532, whole genome shot
 GPGRCD02HHR8P_ci tr|COHAG5|COHAG5_SALSA Myristoylated alanine-rich C-kinase substrate OS=D
 UN_ci_6495 tr|C1BFE3|C1BFE3_ONCMY Ubiquinol-cytochrome c reductase complex 6.4 kDa p
 UN_ci_6646 tr|C1BJD6|C1BJD6_OSMO Ribosomal protein S27 OS=Osmerus mordax GN=RS27 PI
 GR6TTJD01BW2VX_ci tr|C3KHJ5|C3KHJ5_ANOFI 3-hydroxybutyrate dehydrogenase type 2 OS=Anoplo
 UN_ci_8069 tr|C3KHX9|C3KHX9_ANOFI Signal recognition particle 14 kDa protein OS=Ano
 UN_ci_2446 ---
 UN_ci_2669 ---
 GP8I43W03FRSTT_ci tr|Q4T4I4|Q4T4I4_TETNG Chromosome undetermined SCAF9631, whole genome shot
 UN_ci_2113 ---
 GR6TTJD01ATKPF_ci ---
 UN_ci_3057 ---
 GR6TTJD01BWN2_ci ---
 UN_ci_6721 ---
 GP8I43W03FT257_ci ---
 UN_ci_2272 ---
 GP8I43W03GS0XP_ci tr|B4NFS7|B4NFS7_DROWI GK22470 OS=Drosophila willistoni GN=GK22470 PE=4
 UN_ci_1469 ---
 UN_ci_4384 tr|Q4SRD2|Q4SRD2_TETNG Chromosome 11 SCAF14528, whole genome shotgun sequ
 UN_ci_525 sp|B3DFV0|CQ108_DANRE UPF0631 protein C17orf108 homolog OS=Danio rerio GN=UPF0631
 GPGRCD02II16P_ci ---
 UN_ci_8119 ---
 UN_ci_4962 ---
 GR6TTJD01AJNHD_ci ---
 UN_ci_4846 ---
 UN_ci_2221 ---
 UN_ci_200 ---
 UN_ci_2958 ---
 GP8I43W03FUQIG_ci ---
 UN_ci_3480 tr|B5X1E4|B5X1E4_SALSA U3 small nucleolar RNA-associated protein 18 homo
 UN_ci_5100 ---
 UN_ci_7661 tr|C3KJ11|C3KJ11_ANOFI Dolichol phosphate-mannose biosynthesis regulatory
 GPGRCD02HG4YO_ci ---
 GPGRCD02GUOXU_ci tr|Q4SNJ7|Q4SNJ7_TETNG Chromosome 15 SCAF14542, whole genome shotgun sequ
 UN_ci_8103 tr|C3KIM6|C3KIM6_ANOFI Dynein light chain 2, cytoplasmic OS=Anoplopoma f
 UN_ci_16 ---
 UN_ci_8006 tr|Q08AY4|Q08AY4_XENLA LOC100158386 protein OS=Xenopus laevis GN=sfrs12i
 UN_ci_7757 tr|C3KIJ3|C3KIJ3_ANOFI Succinate dehydrogenase iron-sulfur subunit, mito
 UN_ci_3403 tr|Q4SM73|Q4SM73_TETNG Chromosome 13 SCAF14555, whole genome shotgun sequ
 GPGRCD02JURLS_ci ---
 GR6TTJD01A688X_ci tr|B5X7D2|B5X7D2_SALSA Replication factor C subunit 4 OS=Salmo salar GN=I
 UN_ci_1773 ---
 UN_ci_7784 ---
 UN_ci_1023 ---
 GR6TTJD01BMWE1_ci tr|Q4RYG7|Q4RYG7_TETNG Chromosome 2 SCAF14976, whole genome shotgun sequ
 UN_ci_1113 tr|C1BLV3|C1BLV3_OSMO WD repeat domain phosphoinositide-interacting prot
 UN_ci_221 ---

UN_ci_4885	tr C3KK43 C3KK43_ANOFI	Myosin light polypeptide 6 OS=Anoplopoma fimbria (
UN_ci_6530	tr B8A501 B8A501_DANRE	Novel protein (Zgc:136474) OS=Danio rerio GN=DKEY-
UN_ci_3818	tr Q4SYD6 Q4SYD6_TETNG	Chromosome undetermined SCAF12091, whole genome sl
UN_ci_4277	tr Q4SA25 Q4SA25_TETNG	Chromosome 12 SCAF14692, whole genome shotgun sequ
UN_ci_4077	tr O57513 O57513_CHICK	Serine/threonine protein kinase OS=Gallus gallus (
UN_ci_4380	tr D7PBZ5 D7PBZ5_PSEMX	Ferritin OS=Psetta maxima GN=Fer1 PE=2 SV=1
UN_ci_5012	tr Q4SAE4 Q4SAE4_TETNG	Chromosome 13 SCAF14688, whole genome shotgun sequ
UN_ci_7466	---	---
GPGRCD02GF65R_ci	---	---
UN_ci_3629	---	---
UN_ci_7576	tr Q4RVD1 Q4RVD1_TETNG	Chromosome 15 SCAF14992, whole genome shotgun sequ
UN_ci_4771	---	---
UN_ci_1673	---	---
GR6TTJD01BCI8J_ci	---	---
GR6TTJD01AGXS2_ci	---	---
UN_ci_5392	tr Q4SYT5 Q4SYT5_TETNG	Chromosome 8 SCAF11959, whole genome shotgun sequ
UN_ci_3307	sp B7ZTW1 IF4A3_XENTR	Eukaryotic initiation factor 4A-III OS=Xenopus tro
UN_ci_2126	---	---
UN_ci_8190	tr C3KJ43 C3KJ43_ANOFI	ORM1-like protein 1 OS=Anoplopoma fimbria GN=ORML
UN_ci_305	---	---
UN_ci_3635	---	---
UN_ci_5909	---	---
UN_ci_2219	---	---
UN_ci_2820	---	---
UN_ci_6445	tr COHA74 COHA74_SALSA	DNA-directed RNA polymerase OS=Salmo salar GN=RPB
UN_ci_3486	tr COH7I9 COH7I9_SALSA	40S ribosomal protein S15 OS=Salmo salar GN=RS15 I
UN_ci_1042	tr Q4TCL3 Q4TCL3_TETNG	Chromosome undetermined SCAF6832, whole genome sh
UN_ci_7015	---	---
UN_ci_7258	---	---
UN_ci_3592	tr AOEZW4 AOEZW4_PSEMX	Hemoglobin beta-2 subunit (Fragment) OS=Psetta ma
GR6TTJD01AXZFD_ci	---	---
UN_ci_6434	---	---
UN_ci_8145	tr Q70AH0 Q70AH0_TAKRU	Alpha3-fucosyltransferase OS=Takifugu rubripes GN
GP8I43W03FW8VM_ci	---	---
UN_ci_5838	---	---
UN_ci_4677	---	---
GR6TTJD01BQ9CP_ci	---	---
UN_ci_3132	---	---
UN_ci_1325	---	---
UN_ci_3032	tr Q6PH51 Q6PH51_DANRE	Zgc:194819 protein (Fragment) OS=Danio rerio GN=ir
UN_ci_3100	---	---
UN_ci_8164	tr Q5DVH2 Q5DVH2_PLAFE	60S ribosomal protein L9 OS=Platichthys flesus GN
UN_ci_2488	---	---
UN_ci_5247	tr Q4RIR8 Q4RIR8_TETNG	Chromosome 7 SCAF15042, whole genome shotgun sequ
UN_ci_1692	---	---
UN_ci_3833	tr C1BF00 C1BF00_ONCMY	C21orf51 OS=Oncorhynchus mykiss GN=CU051 PE=4 SV
GP8I43W03FUHOC_ci	tr Q4RMY4 Q4RMY4_TETNG	Chromosome 6 SCAF15017, whole genome shotgun sequ
UN_ci_1111	tr B9EP20 B9EP20_SALSA	28S ribosomal protein S12, mitochondrial OS=Salmo
GR6TTJD01BOU8A_ci	---	---
GPGRCD02HGNM8_ci	---	---

GPGRCD02I6WGY_ci ---
 UN_ci_8226 ---
 UN_ci_2981 tr|Q4RNL8|Q4RNL8_TETNG Chromosome 21 SCAF15012, whole genome shotgun sequ
 GR6TTJD01BI4ZS_ci ---
 UN_ci_5792 ---
 UN_ci_6292 tr|D6PVQ4|D6PVQ4_EPICO 60S ribosomal protein L21 OS=Epinephelus coioides
 UN_ci_3915 tr|Q4RIX9|Q4RIX9_TETNG Chromosome undetermined SCAF15041, whole genome sl
 UN_ci_6678 ---
 UN_ci_4362 tr|Q4RX82|Q4RX82_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequ
 GPGRCD02HFOR6_ci ---
 UN_ci_1685 ---
 UN_ci_7690 tr|Q4RYZ2|Q4RYZ2_TETNG Chromosome 16 SCAF14974, whole genome shotgun sequ
 GP8I43W03GDSFH_ci ---
 GR6TTJD01BK17H_ci ---
 UN_ci_2711 tr|Q6P404|Q6P404_DANRE DEAH (Asp-Glu-Ala-His) box polypeptide 38 OS=Danio
 UN_ci_7786 ---
 UN_ci_8519 tr|D2CFU7|D2CFU7_9PERC Superoxide dismutase [Cu-Zn] OS=Rachycentron cana
 GR6TTJD01BPXSA_ci ---
 UN_ci_5552 ---
 UN_ci_2882 tr|B9EP99|B9EP99_SALSA Centromere protein Q OS=Salmo salar GN=CENPQ PE=2
 UN_ci_5586 ---
 GR6TTJD01AF6XV_ci ---
 UN_ci_1818 ---
 GP8I43W03FR2GE_ci ---
 GPGRCD02GGPHC_ci ---
 UN_ci_448 sp|Q7ZV55|EIF3I_DANRE Eukaryotic translation initiation factor 3 subunit
 UN_ci_4926 tr|Q4RU94|Q4RU94_TETNG Chromosome 1 SCAF14995, whole genome shotgun sequ
 UN_ci_5560 tr|C1BIM0|C1BIM0_OSMO Growth hormone-inducible transmembrane protein OS=Salmo
 UN_ci_5511 ---
 GR6TTJD01CE3F4_ci tr|Q4SDG0|Q4SDG0_TETNG Chromosome 3 SCAF14639, whole genome shotgun sequ
 UN_ci_1678 ---
 UN_ci_486 ---
 GR6TTJD01BH16Z_ci ---
 UN_ci_5671 ---
 UN_ci_1653 ---
 UN_ci_8520 tr|Q4RL89|Q4RL89_TETNG Chromosome 21 SCAF15022, whole genome shotgun sequ
 UN_ci_3407 ---
 UN_ci_8339 tr|COH747|COH747_SALSA 40S ribosomal protein S17 OS=Salmo salar GN=RS17 I
 UN_ci_3928 ---
 UN_ci_8084 tr|D7PIW6|D7PIW6_PSEMX Ferritin OS=Psetta maxima GN=FerM PE=2 SV=1
 UN_ci_4168 tr|C3KIZ6|C3KIZ6_ANOFI Cell division control protein 42 homolog OS=Anoplo
 UN_ci_7279 tr|Q4SWD7|Q4SWD7_TETNG Chromosome undetermined SCAF13628, whole genome sl
 UN_ci_3870 ---
 GR6TTJD01BJXW0_ci ---
 UN_ci_738 tr|Q9YI34|Q9YI34_DICLA Cytochrome P450 OS=Dicentrarchus labrax GN=CYP4DL
 GR6TTJD01B530X_ci ---
 UN_ci_8202 ---
 UN_ci_2245 ---
 UN_ci_4295 tr|C3KI47|C3KI47_ANOFI Mitochondrial import inner membrane translocase st
 GR6TTJD01BTD7C_ci ---

UN_ci_4108	---
UN_ci_168	tr C3Y9P1 C3Y9P1_BRAFL Putative uncharacterized protein OS=Branchiostoma
UN_ci_6449	---
UN_ci_6958	tr C1BM38 C1BM38_OSMO Ras-related protein Rab-11A OS=Osmerus mordax GN=I
UN_ci_7952	tr C1BKW4 C1BKW4_OSMO KIAA0179 OS=Osmerus mordax GN=K0179 PE=2 SV=1
UN_ci_6403	---
UN_ci_2312	---
UN_ci_1175	tr Q4S8A9 Q4S8A9_TETNG Chromosome undetermined SCAF14706, whole genome sl
UN_ci_8763	tr Q4SM43 Q4SM43_TETNG Chromosome 13 SCAF14555, whole genome shotgun sequ
GPGRCD02FUGUY_ci	---
GP8I43W03GEFEM_ci	---
UN_ci_1958	tr C3KHT8 C3KHT8_ANOFI Lactoylglutathione lyase OS=Anoplopoma fimbria GN=
GR6TTJD01BAJFG_ci	tr B8A688 B8A688_DANRE Novel protein OS=Danio rerio GN=si:ch211-198a12.6
UN_ci_5647	---
GR6TTJD01AW5G6_ci	tr B0V326 B0V326_DANRE Novel protein (Fragment) OS=Danio rerio GN=DKEY-2:
UN_ci_4432	---
GR6TTJD01BLKBU_ci	---
UN_ci_3346	tr Q3ZLC7 Q3ZLC7_OREMO Selenoprotein W2a OS=Oreochromis mossambicus PE=4
UN_ci_5986	---
UN_ci_3141	tr Q4SLY5 Q4SLY5_TETNG Chromosome 13 SCAF14555, whole genome shotgun sequ
GR6TTJD01BEB9N_ci	tr C1BZ72 C1BZ72_ESOLU FucU homolog OS=Esox lucius GN=CJ125 PE=2 SV=1
GR6TTJD01BWNGO_ci	---
GPGRCD02F3KH4_ci	tr C3KK05 C3KK05_ANOFI Transcription elongation factor 1 homolog OS=Anop.
GPGRCD02GHYMV_ci	sp Q6NVC5 MIRO1_DANRE Mitochondrial Rho GTPase 1-A OS=Danio rerio GN=rho
UN_ci_5599	tr COHBE4 COHBE4_SALSA Inositol monophosphatase OS=Salmo salar GN=IMPA1 I
UN_ci_8247	---
UN_ci_5383	tr Q2YDB3 Q2YDB3_HUMAN Protein-kinase, interferon-inducible double stranc
UN_ci_6049	tr Q4T0F1 Q4T0F1_TETNG Chromosome undetermined SCAF11176, whole genome sl
GR6TTJD01ASVGU_ci	tr C8BMB2 C8BMB2_SALTR Akirin 1(1b) OS=Salmo trutta PE=2 SV=1
UN_ci_4646	tr A2Q0R6 A2Q0R6_SOLSE Ribosomal protein S2 OS=Solea senegalensis GN=rpS:
UN_ci_2655	tr C3KJ47 C3KJ47_ANOFI Histidine triad nucleotide-binding protein 1 OS=Ar
UN_ci_2307	---
GPGRCD02IKVWQ_ci	---
GPGRCD02G4GI4_ci	---
UN_ci_5591	---
GR6TTJD01AGUG3_ci	tr Q4SQV3 Q4SQV3_TETNG Chromosome 1 SCAF14529, whole genome shotgun sequ
UN_ci_2366	---
UN_ci_3516	tr Q6P959 Q6P959_DANRE ATP synthase gamma chain OS=Danio rerio GN=atp5c1
GP8I43W03FJIEJ_ci	---
GR6TTJD01A2AUU_ci	tr B5DFL5 B5DFL5_RAT SAP30 binding protein OS=Rattus norvegicus GN=Sap30l
GP8I43W03GLBV6_ci	---
UN_ci_5273	---
GR6TTJD01A56G7_ci	---
GPGRCD02HPBGE_ci	---
UN_ci_4658	sp Q8K1Z0 COQ9_MOUSE Ubiquinone biosynthesis protein COQ9, mitochondrial
UN_ci_534	tr Q4RSS3 Q4RSS3_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
UN_ci_7999	---
UN_ci_3388	tr C1BLD9 C1BLD9_OSMO NADH dehydrogenase 1 alpha subcomplex subunit 7 O:
UN_ci_1724	---
UN_ci_8348	tr C3KI81 C3KI81_ANOFI Electron transfer flavoprotein subunit alpha, mitc

UN_ci_4800 tr|Q4S0Q2|Q4S0Q2_TETNG Chromosome 2 SCAF14781, whole genome shotgun sequ
 UN_ci_255 ---
 UN_ci_3741 ---
 UN_ci_2710 ---
 UN_ci_3912 sp|Q7T338|FGOP2_DANRE FGFR1 oncogene partner 2 homolog OS=Danio rerio GN=
 UN_ci_6827 tr|D2GUP4|D2GUP4_AILME Putative uncharacterized protein (Fragment) OS=Ai.
 GP8I43W03FRXL3_ci ---
 UN_ci_231 ---
 GR6TTJD01CCFQP_ci ---
 UN_ci_7423 ---
 UN_ci_981 sp|A8HAL1|UBP16_DANRE Ubiquitin carboxyl-terminal hydrolase 16 OS=Danio r
 UN_ci_6739 ---
 UN_ci_1828 ---
 UN_ci_7967 tr|Q4S0Q0|Q4S0Q0_TETNG Chromosome 2 SCAF14781, whole genome shotgun sequ
 UN_ci_7356 tr|B9EQ18|B9EQ18_SALSA CWC15 homolog OS=Salmo salar GN=CWC15 PE=2 SV=1
 GR6TTJD01CEIBI_ci tr|Q50JE6|Q50JE6_XENLA Werner helicase interacting protein 1 OS=Xenopus
 GR6TTJD01BQQ75_ci ---
 UN_ci_1615 tr|C1BFU6|C1BFU6_ONCMY Vacuolar ATP synthase 16 kDa proteolipid subunit (C
 UN_ci_4543 tr|Q6P7P6|Q6P7P6_RAT Tmem138 protein OS=Rattus norvegicus GN=Tmem138 PE=2
 GR6TTJD01A2UUS_ci ---
 UN_ci_3080 sp|A4IHP4|CUL3_XENTR Cullin-3 OS=Xenopus tropicalis GN=cul3 PE=2 SV=1
 UN_ci_8666 ---
 UN_ci_6913 ---
 UN_ci_5186 ---
 UN_ci_8052 tr|A9JRE5|A9JRE5_DANRE LOC798996 protein (Fragment) OS=Danio rerio GN=LOC
 UN_ci_1593 ---
 GR6TTJD01A7X3L_ci ---
 UN_ci_8382 ---
 UN_ci_7141 ---
 UN_ci_89 ---
 UN_ci_5223 tr|B5RI91|B5RI91_SALSA Putative uncharacterized protein OS=Salmo salar PI
 UN_ci_8019 tr|C3KH05|C3KH05_ANOFI BUD31 homolog OS=Anoplopoma fimbria GN=BUD31 PE=2
 UN_ci_7694 tr|C3KHK4|C3KHK4_ANOFI Prefoldin subunit 4 OS=Anoplopoma fimbria GN=PF4
 GPGRCDD02H22VW_ci ---
 UN_ci_3828 tr|C3KJK5|C3KJK5_ANOFI 40S ribosomal protein S3a OS=Anoplopoma fimbria GN=
 GPGRCDD02IDHJQ_ci ---
 UN_ci_6484 tr|A0F005|A0F005_PSEMX RNA polymerase B transcription factor 3 (Fragment)
 GR6TTJD01BDNMY_ci ---
 GP8I43W03GSVE5_ci tr|COHAW5|COHAW5_SALSA Transmembrane protein 129 OS=Salmo salar GN=TM129
 GPGRCDD02IUWOK_ci ---
 UN_ci_3692 tr|C1BJ19|C1BJ19_OSMMO Proteasome subunit beta type OS=Osmerus mordax GN=
 UN_ci_5205 ---
 GPGRCDD02HVYFR_ci ---
 UN_ci_1137 tr|Q4RHA5|Q4RHA5_TETNG Chromosome 3 SCAF15050, whole genome shotgun sequ
 UN_ci_6857 ---
 UN_ci_4245 tr|Q4RI07|Q4RI07_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 GPGRCDD02F5JCE_ci ---
 GPGRCDD02GGISK_ci ---
 GR6TTJD01A80XC_ci ---
 GP8I43W03G41W2_ci ---

UN_ci_5054 ---
 UN_ci_5749 tr|Q6IQH2|Q6IQH2_DANRE Mannose-P-dolichol utilization defect 1b OS=Danio
 UN_ci_3133 ---
 UN_ci_6021 tr|Q7T065|Q7T065_TAKRU Putative RNA methylase OS=Takifugu rubripes PE=2
 UN_ci_553 ---
 UN_ci_4749 ---
 UN_ci_3021 tr|C1K734|C1K734_LARCR Ubiquitin carrier protein OS=Larimichthys crocea
 GR6TTJD01BABX7_ci ---
 UN_ci_8221 tr|Q4S1J7|Q4S1J7_TETNG Chromosome 6 SCAF14768, whole genome shotgun sequ
 UN_ci_4577 sp|Q6PC64|ELOV6_DANRE Elongation of very long chain fatty acids protein
 UN_ci_1737 ---
 UN_ci_5201 tr|B3DHG0|B3DHG0_DANRE Zgc:195155 OS=Danio rerio GN=trub1 PE=2 SV=1
 GP8I43W03GEDOM_ci tr|Q4SSR4|Q4SSR4_TETNG Chromosome undetermined SCAF14347, whole genome sl
 UN_ci_2644 tr|Q7ZU62|Q7ZU62_DANRE Zgc:66168 protein (Fragment) OS=Danio rerio GN=rp
 GR6TTJD01BOZON_ci ---
 GPGRCDD02IWJAC_ci ---
 UN_ci_3377 tr|Q4SJQ8|Q4SJQ8_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 UN_ci_379 tr|Q0PUV3|Q0PUV3_9PERO TATA binding protein associated factor 9 OS=Sander
 UN_ci_8050 tr|Q6DHE6|Q6DHE6_DANRE Lysyl-tRNA synthetase OS=Danio rerio GN=kars PE=2
 UN_ci_3805 tr|Q4SCH7|Q4SCH7_TETNG Chromosome undetermined SCAF14653, whole genome sl
 UN_ci_4336 tr|B5XGX0|B5XGX0_SALSA Ornithine carbamoyltransferase, mitochondrial OS=
 UN_ci_198 tr|Q27HW5|Q27HW5_PSEMX Cell death-regulatory protein OS=Psetta maxima PE=
 GPGRCDD02GFLC2_ci ---
 UN_ci_889 ---
 UN_ci_3443 ---
 GPGRCDD02JH9EK_ci ---
 UN_ci_7627 tr|B0S5C7|B0S5C7_DANRE Novel protein (LOC563100) OS=Danio rerio GN=si:ch
 GPGRCDD02I78IH_ci ---
 GP8I43W03HEHEG_ci ---
 UN_ci_7812 tr|Q4S7Z7|Q4S7Z7_TETNG Chromosome 9 SCAF14710, whole genome shotgun sequ
 UN_ci_7613 ---
 UN_ci_1581 ---
 UN_ci_6868 ---
 UN_ci_1717 sp|Q7T2A5|EIF3L_DANRE Eukaryotic translation initiation factor 3 subunit
 UN_ci_598 tr|A0EZW7|A0EZW7_PSEMX Beta-type globin OS=Psetta maxima PE=2 SV=1
 GR6TTJD01ARCLT_ci tr|B5X2H9|B5X2H9_SALSA F-actin-capping protein subunit alpha-1 OS=Salmo
 UN_ci_3992 ---
 GP8I43W03HA18U_ci ---
 GR6TTJD01B6CJI_ci ---
 UN_ci_785 tr|Q4T4I3|Q4T4I3_TETNG Chromosome undetermined SCAF9631, whole genome sh
 UN_ci_6167 tr|Q5CZQ2|Q5CZQ2_DANRE Apolipoprotein B-editing catalytic subunit 2a OS=I
 UN_ci_5291 tr|Q4SJP1|Q4SJP1_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 UN_ci_3228 ---
 UN_ci_559 ---
 UN_ci_3247 tr|C3KIB3|C3KIB3_ANOFI p53 and DNA damage-regulated protein 1 OS=Anoplo
 GR6TTJD01BCZUC_ci ---
 UN_ci_4514 tr|Q4SBM6|Q4SBM6_TETNG Chromosome 15 SCAF14667, whole genome shotgun sequ
 UN_ci_8186 tr|Q7T3F3|Q7T3F3_DANRE Ubiquitin carrier protein OS=Danio rerio GN=ube2n
 UN_ci_3669 sp|Q4SQ06|NOP16_TETNG Nucleolar protein 16 OS=Tetraodon nigroviridis GN=r
 UN_ci_6552 tr|D2H9F9|D2H9F9_AILME Putative uncharacterized protein (Fragment) OS=Ai

UN_ci_3196 tr|B5X4Q0|B5X4Q0_SALSA Tumor suppressor candidate 4 OS=Salmo salar GN=TU
 UN_ci_3470 ---
 UN_ci_2933 ---
 UN_ci_4626 tr|C1BIV9|C1BIV9_OSMMO FAM32A-like OS=Osmerus mordax GN=FA32A PE=4 SV=1
 UN_ci_7542 tr|B5X193|B5X193_SALSA Proliferation-associated protein 2G4 OS=Salmo salar
 UN_ci_8157 tr|COHBN2|COHBN2_SALSA Pre-mRNA-processing factor 19 OS=Salmo salar GN=PI
 UN_ci_3806 tr|Q4SRQ1|Q4SRQ1_TETNG Chromosome undetermined SCAF14504, whole genome sl
 UN_ci_2190 tr|Q4RZ04|Q4RZ04_TETNG Chromosome 16 SCAF14974, whole genome shotgun sequ
 UN_ci_7465 ---
 UN_ci_7434 ---
 UN_ci_3547 tr|B5XDX1|B5XDX1_SALSA C-Myc-binding protein OS=Salmo salar GN=MYCBP PE=
 UN_ci_7266 tr|C3KH25|C3KH25_ANOFI Mediator of RNA polymerase II transcription subun
 UN_ci_4358 tr|C3KJM3|C3KJM3_ANOFI Ribonuclease UK114 OS=Anoplopoma fimbria GN=UK114
 UN_ci_2096 ---
 UN_ci_5130 ---
 UN_ci_6304 tr|A0EZX2|A0EZX2_PSEMX Nucleoside diphosphate kinase (Fragment) OS=Psetta
 UN_ci_115 tr|Q4SGA3|Q4SGA3_TETNG Chromosome 17 SCAF14597, whole genome shotgun sequ
 UN_ci_3775 ---
 UN_ci_6810 ---
 UN_ci_8773 ---
 UN_ci_7221 ---
 GR6TTJD01BLABD_ci ---
 GPGRCDD02HEFMM_ci ---
 UN_ci_7580 tr|Q7T3D8|Q7T3D8_DANRE Zgc:63942 OS=Danio rerio GN=zgc:63942 PE=2 SV=1
 UN_ci_7701 tr|C1BXJ2|C1BXJ2_ESOLU 39S ribosomal protein L47, mitochondrial OS=Esox
 UN_ci_6138 tr|COH9Z5|COH9Z5_SALSA Vacuolar protein sorting-associated protein 41 hor
 GP8I43W03F29IH_ci ---
 UN_ci_5775 tr|Q9W6E6|Q9W6E6_9TELE Glutamine synthetase OS=Opsanus beta GN=GSase PE=
 UN_ci_5117 tr|Q4S9L0|Q4S9L0_TETNG Chromosome undetermined SCAF14696, whole genome sl
 GR6TTJD01CDA4X_ci ---
 UN_ci_8153 tr|B9EPJ4|B9EPJ4_SALSA Thioredoxin, mitochondrial OS=Salmo salar GN=THIO
 UN_ci_5087 ---
 UN_ci_7299 ---
 UN_ci_3054 ---
 UN_ci_8546 ---
 UN_ci_1157 ---
 GR6TTJD01B6GG9_ci ---
 UN_ci_516 ---
 GP8I43W03F5WPP_ci ---
 GR6TTJD01A91P7_ci tr|Q4SUB6|Q4SUB6_TETNG Chromosome 3 SCAF13974, whole genome shotgun sequ
 UN_ci_2841 ---
 UN_ci_5528 tr|B5XBI1|B5XBI1_SALSA C14orf179 homolog OS=Salmo salar GN=CN179 PE=2 SV=
 UN_ci_4082 ---
 GR6TTJD01ASPPS_ci tr|Q4SE34|Q4SE34_TETNG Chromosome 3 SCAF14626, whole genome shotgun sequ
 UN_ci_2703 ---
 UN_ci_373 sp|Q3KQ23|UBA5_XENLA Ubiquitin-like modifier-activating enzyme 5 OS=Xenop
 UN_ci_1393 ---
 UN_ci_8080 tr|C3KK25|C3KK25_ANOFI Methyltransferase WBSCR22 OS=Anoplopoma fimbria G
 UN_ci_6219 ---
 UN_ci_5256 ---

UN_ci_1978	---
UN_ci_840	---
UN_ci_8114	tr C3KJN5 C3KJN5_ANOFI Non-structural maintenance of chromosomes element
UN_ci_5561	tr Q6Y1Z9 Q6Y1Z9_PAGMA 40S ribosomal protein S24 OS=Pagrus major PE=2 SV=
UN_ci_6582	---
UN_ci_4162	tr Q4SGZ7 Q4SGZ7_TETNG Chromosome 14 SCAF14590, whole genome shotgun sequ
UN_ci_8634	tr B9EL49 B9EL49_SALSA Ubiquitin carrier protein OS=Salmo salar GN=UBE2B
UN_ci_4731	---
UN_ci_8791	---
GR6TTJD01A7RXF_ci	---
UN_ci_4443	tr B9EP79 B9EP79_SALSA Proteasome activator complex subunit 3 OS=Salmo sa
UN_ci_7617	tr COH9V2 COH9V2_SALSA Ser/Thr-rich protein T10 in DGCR region OS=Salmo :
UN_ci_92	tr Q4S7P5 Q4S7P5_TETNG Chromosome 18 SCAF14712, whole genome shotgun sequ
UN_ci_5803	tr Q4RJL4 Q4RJL4_TETNG Chromosome 3 SCAF15037, whole genome shotgun sequ
GPGRCD02H1YPC_ci	---
UN_ci_8254	---
UN_ci_1451	---
GR6TTJD01BK6VX_ci	---
UN_ci_7956	tr C1BKE1 C1BKE1_OSMO Tubulin alpha-1 chain OS=Osmerus mordax GN=TBA1 PI
UN_ci_6015	tr C3KJ18 C3KJ18_ANOFI Probable protein BRICK1 OS=Anoplopoma fimbria GN=I
UN_ci_217	---
UN_ci_8098	tr Q709D5 Q709D5_ORYLA Geminin OS=Oryzias latipes PE=2 SV=1
UN_ci_7063	tr Q4SPS2 Q4SPS2_TETNG Chromosome 7 SCAF14536, whole genome shotgun sequ
GR6TTJD01A9KD6_ci	tr Q4RVG0 Q4RVG0_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
UN_ci_5328	tr Q32NI1 Q32NI1_XENLA LOC733408 protein (Fragment) OS=Xenopus laevis GN=
UN_ci_5685	sp Q4S2L4 RCL_TETNG Deoxyribonucleoside 5'-monophosphate N-glycosidase O
UN_ci_943	---
GR6TTJD01AR5FY_ci	tr Q4SA66 Q4SA66_TETNG Chromosome 12 SCAF14692, whole genome shotgun sequ
UN_ci_66	tr D6PVP8 D6PVP8_EPICO 60S ribosomal protein L31 OS=Epinephelus coioides
UN_ci_7893	tr Q4S3K4 Q4S3K4_TETNG Chromosome 1 SCAF14749, whole genome shotgun sequ
GR6TTJD01AFJ8X_ci	---
UN_ci_2729	---
UN_ci_1988	---
GR6TTJD01B7QK3_ci	---
UN_ci_5479	---
GR6TTJD01B688K_ci	---
UN_ci_8692	tr Q1KLP9 Q1KLP9_PSEMX Natural killer enhancing factor OS=Psetta maxima I
UN_ci_3008	---
UN_ci_1705	---
UN_ci_3580	tr Q4T7F7 Q4T7F7_TETNG Chromosome undetermined SCAF8104, whole genome sh
UN_ci_1738	tr B5X8A8 B5X8A8_SALSA KTI12 homolog OS=Salmo salar GN=KTI12 PE=2 SV=1
GR6TTJD01B0B3H_ci	---
UN_ci_5110	tr B5DFW9 B5DFW9_SALSA Impact-like OS=Salmo salar PE=2 SV=1
UN_ci_405	---
UN_ci_5382	---
UN_ci_5280	tr A6H913 A6H913_TAKRU TATA box binding protein OS=Takifugu rubripes PE=
UN_ci_3477	tr Q5ZJF2 Q5ZJF2_CHICK Putative uncharacterized protein OS=Gallus gallus
UN_ci_3539	---
UN_ci_8051	---
GR6TTJD01BN1PU_ci	tr A8WIQ4 A8WIQ4_DANRE Novel protein similar to vertebrate granzyme fami.

UN_ci_4173 ---
 UN_ci_2056 ---
 UN_ci_8643 tr|B5G3D9|B5G3D9_TAEGU Putative nucleic acid binding protein RY-1 variant
 UN_ci_1473 ---
 UN_ci_5578 tr|Q4S3L1|Q4S3L1_TETNG Chromosome 1 SCAF14749, whole genome shotgun sequence
 UN_ci_6693 sp|Q6PH57|GBB1_DANRE Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit
 UN_ci_2232 ---
 UN_ci_3604 tr|Q4TGN3|Q4TGN3_TETNG Chromosome undetermined SCAF3591, whole genome shotgun sequence
 UN_ci_3386 tr|Q4S353|Q4S353_TETNG Chromosome 4 SCAF14752, whole genome shotgun sequence
 UN_ci_6682 ---
 GP8I43W03FX5LJ_ci ---
 UN_ci_3211 tr|Q4SQB6|Q4SQB6_TETNG Chromosome 4 SCAF14533, whole genome shotgun sequence
 UN_ci_2028 ---
 UN_ci_385 ---
 UN_ci_4122 tr|C1BL06|C1BL06_OSMMO TGF-beta-inducible nuclear protein 1 OS=Osmerus macrochirus
 UN_ci_372 ---
 UN_ci_4947 tr|Q6DRK2|Q6DRK2_DANRE Spliceosome-associated factor 61 OS=Danio rerio GN=SF3A1
 UN_ci_7676 tr|D2H3P7|D2H3P7_AILME Putative uncharacterized protein (Fragment) OS=Ailanthus altissima
 UN_ci_6124 tr|Q28G24|Q28G24_XENTR Polymerase (RNA) II (DNA directed) polypeptide G (fragment)
 UN_ci_1567 tr|Q4SK90|Q4SK90_TETNG Chromosome 13 SCAF14566, whole genome shotgun sequence
 UN_ci_7568 ---
 UN_ci_7838 tr|C3KJQ3|C3KJQ3_ANOFI UXT OS=Anoplopoloma fimbria GN=UXT PE=2 SV=1
 UN_ci_1091 ---
 UN_ci_3034 ---
 UN_ci_5805 tr|Q4T9G5|Q4T9G5_TETNG Chromosome undetermined SCAF7571, whole genome shotgun sequence
 GPGRCD02G6X9U_ci ---
 UN_ci_5783 tr|A7M774|A7M774_9PLEU G-type lysozyme OS=Scophthalmus rhombus PE=2 SV=1
 GR6TTJD01AW26A_ci ---
 GPGRCD02JB04N_ci ---
 GR6TTJD01CBY7T_ci ---
 UN_ci_6899 ---
 UN_ci_2878 ---
 UN_ci_5409 ---
 UN_ci_1428 tr|Q4RKM2|Q4RKM2_TETNG Chromosome 18 SCAF15027, whole genome shotgun sequence
 GR6TTJD01CDXF3_ci ---
 UN_ci_5365 ---
 UN_ci_6294 ---
 UN_ci_3426 tr|Q800D7|Q800D7_DANRE Selenoprotein H-like protein OS=Danio rerio GN=seph
 UN_ci_5904 ---
 UN_ci_1058 ---
 GPGRCD02GM4XV_ci ---
 GPGRCD02FM7QE_ci ---
 GPGRCD02GNX1E_ci ---
 UN_ci_4454 tr|Q6PBZ5|Q6PBZ5_DANRE Allograft inflammatory factor 1-like OS=Danio rerio
 UN_ci_2694 ---
 UN_ci_7892 tr|C3KIQ6|C3KIQ6_ANOFI Myosin regulatory light chain 2, smooth muscle isoform
 UN_ci_4904 ---
 GPGRCD02GJ3H9_ci ---
 UN_ci_3519 tr|Q3U0G7|Q3U0G7_MOUSE Putative uncharacterized protein (Fragment) OS=Mus musculus
 UN_ci_691 ---

UN_ci_8154	tr C3KIS8 C3KIS8_ANOFI Glutathione S-transferase kappa 1 OS=Anoplopoma f.
UN_ci_3842	---
GR6TTJD01AFKQD_ci	---
GPGRCD02IGEEN_ci	---
UN_ci_6401	sp Q5RA31 TOM20_PONAB Mitochondrial import receptor subunit TOM20 homolog
GP8I43W03GA272_ci	---
GR6TTJD01AMH1T_ci	---
GR6TTJD01B0JMW_ci	tr B5THN0 B5THN0_SACKO Casein kinase 1 protein catalytic subunit OS=Sacco
GR6TTJD01ASN7M_ci	---
UN_ci_7779	tr B5XFV7 B5XFV7_SALSA Eukaryotic translation initiation factor 3 subunit
UN_ci_3501	---
UN_ci_6004	tr B9EM17 B9EM17_SALSA Transaldolase OS=Salmo salar GN=TALDO PE=2 SV=1
UN_ci_7739	---
UN_ci_7385	---
UN_ci_1017	---
UN_ci_5874	tr A1L292 A1L292_DANRE Zgc:158718 OS=Danio rerio GN=zgc:158718 PE=2 SV=1
UN_ci_4548	---
UN_ci_8273	tr Q6DH98 Q6DH98_DANRE CNBP dipeptidase 2 (Metallopeptidase M20 family) (
UN_ci_3153	---
UN_ci_5955	tr A5PN27 A5PN27_DANRE Novel protein similar to vertebrate structural ma
UN_ci_3448	---
GPGRCD02HXI4G_ci	---
UN_ci_8094	tr B5X6X5 B5X6X5_SALSA 39S ribosomal protein L43, mitochondrial OS=Salmo
UN_ci_8076	tr Q4RX35 Q4RX35_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequ
UN_ci_8606	tr Q4RUP3 Q4RUP3_TETNG Chromosome 12 SCAF14993, whole genome shotgun sequ
GR6TTJD01CCYX5_ci	tr Q9YH60 Q9YH60_DANRE Glycogen synthase kinase 3 OS=Danio rerio GN=gsk3l
UN_ci_5067	tr Q4SM54 Q4SM54_TETNG Ubiquinol-cytochrome c reductase iron-sulfur subu
UN_ci_4366	---
UN_ci_4512	---
UN_ci_5276	---
GP8I43W03G1BY1_ci	---
UN_ci_1509	---
GPGRCD02IN7VO_ci	tr B9EPP7 B9EPP7_SALSA Elongation factor 1-delta OS=Salmo salar GN=EF1D I
UN_ci_6432	---
UN_ci_7108	tr Q4RG23 Q4RG23_TETNG Chromosome 2 SCAF15106, whole genome shotgun sequ
UN_ci_7382	---
UN_ci_2519	---
UN_ci_3769	tr B2KG42 B2KG42_MOUSE Novel protein OS=Mus musculus GN=RP23-383I4.2 PE=
GR6TTJD01AP7ZE_ci	tr Q501W7 Q501W7_DANRE UDP-glucose ceramide glucosyltransferase OS=Danio
UN_ci_4056	---
UN_ci_1929	---
UN_ci_8089	sp P69091 RL18_ORENI 60S ribosomal protein L18 OS=Oreochromis niloticus (
UN_ci_7259	---
UN_ci_7283	tr C1BW85 C1BW85_ESOLU Lin-37 homolog OS=Esox lucius GN=LIN37 PE=2 SV=1
UN_ci_4732	---
UN_ci_8338	tr A7UP40 A7UP40_PSEMX Heat shock protein 90 OS=Psetta maxima GN=HSP90 PI
GR6TTJD01B9QPI_ci	tr Q4TBX1 Q4TBX1_TETNG Chromosome 10 SCAF7085, whole genome shotgun sequ
UN_ci_925	tr Q4T029 Q4T029_TETNG Chromosome undetermined SCAF11373, whole genome sl
GR6TTJD01BAJAG_ci	tr Q4SI86 Q4SI86_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
UN_ci_1122	sp Q1L8Y6 BBP10_DANRE BBSome-interacting protein of 10 kDa OS=Danio rerio

UN_ci_2260 tr|C3KK42|C3KK42_ANOFI LZIC OS=Anoplopoma fimbria GN=LZIC PE=2 SV=1
 UN_ci_5728 ---
 UN_ci_1704 tr|C1BLM1|C1BLM1_OSMO Transmembrane BAX inhibitor motif-containing prote
 UN_ci_7992 tr|C3KJD0|C3KJD0_ANOFI RWD domain-containing protein 1 OS=Anoplopoma fimb
 UN_ci_628 tr|Q4RKF3|Q4RKF3_TETNG Chromosome 21 SCAF15029, whole genome shotgun sequ
 UN_ci_5736 sp|Q96M89|CC138_HUMAN Coiled-coil domain-containing protein 138 OS=Homo
 UN_ci_7564 tr|A5PMM7|A5PMM7_DANRE Novel protein OS=Danio rerio GN=si:dkey-193c22.1
 GR6TTJD01A42CR_ci ---
 UN_ci_5778 tr|B4DRD9|B4DRD9_HUMAN cDNA FLJ50025, highly similar to Serologically de
 UN_ci_444 ---
 UN_ci_3942 tr|C3KH14|C3KH14_ANOFI FK506-binding protein 1A OS=Anoplopoma fimbria GN=
 GPGRCDD02H0ICJ_ci ---
 UN_ci_1779 tr|Q0P432|Q0P432_DANRE Zgc:153462 OS=Danio rerio GN=zgc:153462 PE=2 SV=1
 UN_ci_5900 tr|Q4SH08|Q4SH08_TETNG Chromosome 14 SCAF14590, whole genome shotgun sequ
 GR6TTJD01BSEHO_ci ---
 GP8I43W03FP677_ci ---
 UN_ci_7401 ---
 UN_ci_3045 ---
 UN_ci_2856 ---
 UN_ci_8687 tr|C3KH10|C3KH10_ANOFI Signal peptidase complex subunit 1 OS=Anoplopoma
 GR6TTJD01CA73P_ci ---
 UN_ci_4550 ---
 UN_ci_132 ---
 GR6TTJD01BQZU2_ci ---
 GR6TTJD01A44X1_ci ---
 GPGRCDD02IB3Y0_ci ---
 GPGRCDD02FNTIU_ci ---
 UN_ci_769 tr|B5XA79|B5XA79_SALSA 39S ribosomal protein L52, mitochondrial OS=Salmo
 UN_ci_6986 ---
 UN_ci_25 tr|A3KMS1|A3KMS1_DANRE Ddx46 protein (Fragment) OS=Danio rerio GN=ddx46
 UN_ci_4429 tr|Q4SF77|Q4SF77_TETNG Chromosome undetermined SCAF14608, whole genome sl
 UN_ci_4129 ---
 GPGRCDD02G4X8R_ci ---
 UN_ci_3855 ---
 GR6TTJD01B08WE_ci ---
 UN_ci_3033 sp|Q58EA2|TH04A_XENLA THO complex subunit 4-A OS=Xenopus laevis GN=thoc4-
 GR6TTJD01ARI7E_ci ---
 UN_ci_1521 tr|A3KQ59|A3KQ59_DANRE Novel protein similar to human and mouse ubiquitin
 UN_ci_4759 ---
 GR6TTJD01ASX0T_ci ---
 UN_ci_5962 tr|Q0P4A8|Q0P4A8_DANRE LOC793751 protein (Fragment) OS=Danio rerio GN=LOC
 GP8I43W03GZ370_ci ---
 UN_ci_4783 ---
 UN_ci_4319 ---
 UN_ci_8008 ---
 UN_ci_8525 ---
 UN_ci_7246 tr|C3KHS6|C3KHS6_ANOFI Peroxiredoxin-5, mitochondrial OS=Anoplopoma fimb
 UN_ci_3698 tr|Q4RG91|Q4RG91_TETNG Chromosome 12 SCAF15104, whole genome shotgun sequ
 GR6TTJD01B5B0J_ci ---
 UN_ci_85 ---

UN_ci_1108	---
GR6TTJD01BYE23_ci	tr Q4S374 Q4S374_TETNG Chromosome 4 SCAF14752, whole genome shotgun sequ
UN_ci_1617	tr Q5F3E1 Q5F3E1_CHICK Putative uncharacterized protein OS=Gallus gallus
UN_ci_3734	tr COH705 COH705_SALSA NADH dehydrogenase 1 alpha subcomplex subunit 11 (
UN_ci_1981	---
UN_ci_8539	tr A2VD35 A2VD35_DANRE Serine/threonine-protein phosphatase OS=Danio rerio
UN_ci_4211	tr A3RH18 A3RH18_POERE Triosephosphate isomerase OS=Poecilia reticulata l
UN_ci_7689	tr Q803D9 Q803D9_DANRE Prmt1 protein (Fragment) OS=Danio rerio GN=prmt1 l
UN_ci_587	---
UN_ci_1649	tr B5DG99 B5DG99_SALSA Vacuolar protein sorting 28 OS=Salmo salar GN=vps2
UN_ci_6019	tr C3KJK1 C3KJK1_ANOFI 39S ribosomal protein L16, mitochondrial OS=Anoplo
UN_ci_8104	tr B1PWD1 B1PWD1_9PERC Survivin OS=Cynoglossus semilaevis PE=2 SV=1
GR6TTJD01AY1VU_ci	---
GP8I43W03FPYKT_ci	---
UN_ci_6975	tr A4QP79 A4QP79_DANRE Zgc:163014 protein OS=Danio rerio GN=zgc:163014 PI
UN_ci_3920	tr B5XCN6 B5XCN6_SALSA C12orf32 homolog OS=Salmo salar GN=CL032 PE=2 SV=
UN_ci_3097	---
UN_ci_4611	tr C1BL90 C1BL90_OSMMO D-dopachrome decarboxylase OS=Osmerus mordax GN=DC
UN_ci_7092	---
UN_ci_3478	tr C3KIB5 C3KIB5_ANOFI Membrane-associated progesterone receptor componen
UN_ci_1140	tr Q7ZUJ7 Q7ZUJ7_DANRE Isocitrate dehydrogenase 3 (NAD+) alpha OS=Danio r
UN_ci_8284	---
UN_ci_4260	tr B5X6W2 B5X6W2_SALSA Cystatin-B OS=Salmo salar GN=CYTB PE=4 SV=1
UN_ci_8483	tr COHBE8 COHBE8_SALSA COP9 signalosome complex subunit 4 OS=Salmo salar
UN_ci_3130	---
UN_ci_8725	tr Q6Y249 Q6Y249_PAGMA BTF3a (Fragment) OS=Pagrus major PE=2 SV=1
UN_ci_7439	tr Q7T2F7 Q7T2F7_DANRE Novel protein (Zgc:63904) OS=Danio rerio GN=DKEY-
GP8I43W03FI4TQ_ci	---
UN_ci_6223	tr Q4S1W7 Q4S1W7_TETNG Chromosome undetermined SCAF14764, whole genome sl
UN_ci_4654	---
UN_ci_1492	---
GP8I43W03G125Z_ci	---
UN_ci_6649	---
UN_ci_5189	---
UN_ci_5716	---
GP8I43W03GLMFW_ci	---
GR6TTJD01BFWQM_ci	tr B9EQ49 B9EQ49_SALSA Growth arrest and DNA-damage-inducible protein GAI
UN_ci_8081	tr C3KIX5 C3KIX5_ANOFI Dihydrofolate reductase OS=Anoplopoma fimbria GN=I
GR6TTJD01A0LBC_ci	---
UN_ci_8540	tr Q6ZWN9 Q6ZWN9_MOUSE Proteasome (Prosome, macropain) 26S subunit, ATPa
UN_ci_4248	tr Q4SJP0 Q4SJP0_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
UN_ci_7865	---
UN_ci_2543	---
UN_ci_995	---
GR6TTJD01BLYZ0_ci	---
GP8I43W03HFI9U_ci	---
UN_ci_3568	tr Q4RT92 Q4RT92_TETNG Chromosome 1 SCAF14998, whole genome shotgun sequ
UN_ci_2352	---
GP8I43W03F42BH_ci	---
GPGRCD02IQ0LF_ci	---

UN_ci_3690 tr|C3KIG9|C3KIG9_ANOFI Low molecular weight phosphotyrosine protein phosphatase 1 OS=Anoplopoma fimbria GN=anp1
 UN_ci_783 ---
 UN_ci_2928 tr|C3KIV9|C3KIV9_ANOFI Transmembrane protein 14C OS=Anoplopoma fimbria GN=anp14C
 UN_ci_5644 ---
 UN_ci_8160 ---
 UN_ci_1043 ---
 GR6TTJD01BYPCO_ci ---
 GPGRCDD02JQNPU_ci ---
 UN_ci_7228 sp|Q1L9A2|OPA3_DANRE Optic atrophy 3 protein homolog OS=Danio rerio GN=opa3
 UN_ci_3195 tr|B8JLW4|B8JLW4_DANRE Chromosome 3 open reading frame 33 (H. sapiens) OS=Homo sapiens
 UN_ci_4693 tr|Q9PVN1|Q9PVN1_ONCKE Actin OS=Oncorhynchus keta PE=2 SV=1
 GP8I43W03GP607_ci ---
 UN_ci_1833 tr|Q4TD65|Q4TD65_TETNG Chromosome undetermined SCAF6476, whole genome shotgun sequence
 GR6TTJD01A1M7C_ci ---
 UN_ci_4456 ---
 GP8I43W03F60NU_ci ---
 UN_ci_6821 ---
 GR6TTJD01AZ8SQ_ci ---
 UN_ci_7139 ---
 UN_ci_1672 ---
 GR6TTJD01BTXT3_ci ---
 UN_ci_5475 tr|B5X218|B5X218_SALSA Nucleolar protein 5 OS=Salmo salar GN=NOL5 PE=2 SV=1
 GPGRCDD02G35ZL_ci ---
 GP8I43W03GIU7K_ci tr|C3KH20|C3KH20_ANOFI NADH dehydrogenase 1 beta subcomplex subunit 6 OS=Anoplopoma fimbria
 GPGRCDD02IQUF0_ci ---
 GPGRCDD02IX0BD_ci tr|Q4S7E3|Q4S7E3_TETNG Chromosome 13 SCAF14715, whole genome shotgun sequence
 UN_ci_5036 ---
 UN_ci_2191 ---
 UN_ci_4392 ---
 UN_ci_5737 tr|Q4RE77|Q4RE77_TETNG Chromosome 2 SCAF15135, whole genome shotgun sequence
 GR6TTJD01B1NHM_ci ---
 GR6TTJD01BZ9SN_ci ---
 GPGRCDD02GBDD9_ci tr|BOV118|BOV118_DANRE Helicase-like transcription factor OS=Danio rerio
 UN_ci_2082 ---
 UN_ci_2969 tr|Q6B512|Q6B512_OREMO General transcription factor II B OS=Oreochromis mossambicus
 GR6TTJD01B8KY0_ci ---
 UN_ci_6400 ---
 UN_ci_282 sp|A6P7L8|PIWL2_ONCMY Piwi-like protein 2 OS=Oncorhynchus mykiss GN=piwi
 UN_ci_374 ---
 GR6TTJD01BNOHM_ci ---
 GP8I43W03F82MK_ci ---
 UN_ci_1256 ---
 GR6TTJD01CDT40_ci ---
 GP8I43W03FOT5C_ci ---
 UN_ci_5049 tr|Q4RQE5|Q4RQE5_TETNG Chromosome 17 SCAF15006, whole genome shotgun sequence
 UN_ci_6002 tr|Q2HYD1|Q2HYD1_PSEMX Serine/threonine-protein phosphatase OS=Psetta maxima
 GPGRCDD02I17N5_ci ---
 GR6TTJD01BQHRZ_ci tr|Q6NX05|Q6NX05_DANRE Zgc:77744 OS=Danio rerio GN=zgc:77744 PE=2 SV=1
 UN_ci_6227 tr|COH8R1|COH8R1_SALSA Translation initiation factor eIF-2B subunit epsilon OS=Salmo salar
 UN_ci_4100 ---

UN_ci_3567	tr Q4S2C7 Q4S2C7_TETNG	Chromosome undetermined SCAF14764, whole genome sl
UN_ci_8261	tr Q9PUG4 Q9PUG4_GADMO	Beta-2 tubulin OS=Gadus morhua PE=2 SV=1
UN_ci_3940	tr Q6K0C3 Q6K0C3_SPAAU	Cytosolic alanine aminotransferase OS=Sparus aurat
UN_ci_7217	---	---
UN_ci_3883	tr C9E6G0 C9E6G0_ORYLA	Small ubiquitin-related modifier 1 OS=Oryzias lat
GPGRCD02JE7BJ_ci	---	---
UN_ci_8768	tr B3DFW5 B3DFW5_DANRE	Si:dkey-13i19.8 OS=Danio rerio GN=si:dkey-13i19.8
GP8I43W03GKGCQ_ci	---	---
UN_ci_3921	tr C3KJ13 C3KJ13_ANOFI	SRA stem-loop-interacting RNA-binding protein, mi
UN_ci_6882	tr Q4RQ24 Q4RQ24_TETNG	Chromosome 17 SCAF15006, whole genome shotgun sequ
UN_ci_6832	tr Q5RKM2 Q5RKM2_DANRE	NADH-ubiquinone oxidoreductase 75 kDa subunit OS=I
GPGRCD02G5L3D_ci	---	---
UN_ci_5212	---	---
GR6TTJD01BN00T_ci	---	---
GPGRCD02IN88V_ci	tr C3KJI9 C3KJI9_ANOFI	C17orf89 OS=Anoplopoma fimbria GN=CQ089 PE=4 SV=1
GR6TTJD01BKDV7_ci	---	---
UN_ci_583	---	---
GR6TTJD01AR0FA_ci	---	---
UN_ci_7696	tr B7X8Y8 B7X8Y8_PAGMA	Elongation factor 1-alpha OS=Pagrus major GN=42Sp
UN_ci_4665	tr Q4RT54 Q4RT54_TETNG	Chromosome 12 SCAF14999, whole genome shotgun sequ
UN_ci_6421	---	---
UN_ci_8070	tr C1BIP5 C1BIP5_OSMO	U3 small nucleolar RNA-interacting protein 2 OS=O
UN_ci_7405	tr Q4RLD5 Q4RLD5_TETNG	Chromosome 21 SCAF15022, whole genome shotgun sequ
UN_ci_4669	tr Q8AYL1 Q8AYL1_ORYLA	ZPC2 (Fragment) OS=Oryzias latipes PE=4 SV=1
GPGRCD02ILKYV_ci	---	---
UN_ci_4161	tr C3KK71 C3KK71_ANOFI	RNA-binding protein 8A OS=Anoplopoma fimbria GN=RI
UN_ci_2458	tr Q4S836 Q4S836_TETNG	Chromosome 9 SCAF14710, whole genome shotgun sequ
UN_ci_3682	tr C3KJT2 C3KJT2_ANOFI	NADH dehydrogenase 1 beta subcomplex subunit 5, m
UN_ci_5388	---	---
GP8I43W03FV6TN_ci	---	---
UN_ci_1847	tr B5X9N4 B5X9N4_SALSA	DNA-binding protein RFXANK OS=Salmo salar GN=RFXK
UN_ci_6007	tr COPUA0 COPUA0_SALSA	Serine/threonine-protein phosphatase 2A 65 kDa re
GPGRCD02H7PEA_ci	tr C1BJN5 C1BJN5_OSMO	Cathepsin Z OS=Osmerus mordax GN=CATZ PE=2 SV=1
UN_ci_7487	tr Q4RL02 Q4RL02_TETNG	Chromosome 1 SCAF15025, whole genome shotgun sequ
UN_ci_475	---	---
UN_ci_8270	tr Q6PGV9 Q6PGV9_DANRE	Peptidylprolyl isomerase (Cyclophilin)-like 4 OS=I
GR6TTJD01AS351_ci	---	---
UN_ci_5272	tr Q6GQN0 Q6GQN0_DANRE	Testis specific, 14 OS=Danio rerio GN=tsgal4 PE=2
GR6TTJD01AECT9_ci	---	---
UN_ci_7758	---	---
UN_ci_970	---	---
GR6TTJD01BMRUB_ci	tr Q4RRF1 Q4RRF1_TETNG	Chromosome 16 SCAF15002, whole genome shotgun sequ
GR6TTJD01B5QIT_ci	---	---
GP8I43W03GKI31_ci	---	---
GP8I43W03FSX10_ci	tr C1BLM2 C1BLM2_OSMO	PKHD-type hydroxylase YER049W OS=Osmerus mordax G
UN_ci_257	tr Q8UVG1 Q8UVG1_EPICO	Ribosomal protein L32 OS=Epinephelus coioides PE=
UN_ci_5274	sp P79896 ADHX_SPAAU	Alcohol dehydrogenase class-3 OS=Sparus aurata PE=2
UN_ci_3666	---	---
UN_ci_2804	---	---
UN_ci_7940	tr Q4TAA9 Q4TAA9_TETNG	Chromosome 12 SCAF7391, whole genome shotgun sequ

UN_ci_1151 tr|C1BJA0|C1BJA0_OSMMO Surfeit locus protein 5 OS=Osmerus mordax GN=SURF1
 GPGRCDD02JACMI_ci ---
 GR6TTJD01CD9K1_ci tr|Q4T821|Q4T821_TETNG Chromosome undetermined SCAF7914, whole genome shotgun
 GR6TTJD01B803Q_ci ---
 GR6TTJD01B6LT8_ci ---
 UN_ci_6108 ---
 UN_ci_39 ---
 GR6TTJD01A0W82_ci sp|Q6PEH5|UB2V2_DANRE Ubiquitin-conjugating enzyme E2 variant 2 OS=Danio rerio
 UN_ci_4884 ---
 UN_ci_8185 tr|C3KK62|C3KK62_ANOFI Small EDRK-rich factor 2 OS=Anoplopoma fimbria GN=ANOF1
 UN_ci_7175 tr|Q4SAW6|Q4SAW6_TETNG Chromosome 3 SCAF14679, whole genome shotgun
 GR6TTJD01A1M8U_ci ---
 UN_ci_8328 tr|C1BL72|C1BL72_OSMMO Elongation factor 1-gamma OS=Osmerus mordax GN=EF1A
 UN_ci_6717 tr|Q4RGN3|Q4RGN3_TETNG Chromosome 4 SCAF15094, whole genome shotgun
 UN_ci_7164 ---
 UN_ci_2548 ---
 UN_ci_2787 tr|Q4REY8|Q4REY8_TETNG Chromosome 13 SCAF15122, whole genome shotgun
 UN_ci_6037 tr|B5XA16|B5XA16_SALSA U6 snRNA-associated Sm-like protein LSml OS=Salmo salar
 UN_ci_7088 ---
 UN_ci_5712 tr|B5X141|B5X141_SALSA Ras-related protein Rab-10 OS=Salmo salar GN=RAB10
 GR6TTJD01AZWDJ_ci ---
 GP8I43W03FPSE8_ci ---
 UN_ci_6822 ---
 UN_ci_294 tr|Q1PS66|Q1PS66_LATCA Deleted in azoospermia-like protein OS=Lates calcaratus
 UN_ci_7046 ---
 UN_ci_2944 ---
 UN_ci_7292 ---
 GP8I43W03GKHM4_ci ---
 UN_ci_993 tr|Q5XJS3|Q5XJS3_DANRE Zgc:101621 OS=Danio rerio GN=zgc:101621 PE=2 SV=1
 UN_ci_2297 tr|B5DG90|B5DG90_SALSA RAB2A, member RAS oncogene family OS=Salmo salar
 GPGRCDD02IRFUZ_ci ---
 GR6TTJD01BSZP6_ci ---
 GR6TTJD01AVFIS_ci ---
 UN_ci_2563 ---
 GR6TTJD01A829C_ci ---
 UN_ci_5099 tr|B5X3S3|B5X3S3_SALSA Adenylate kinase isoenzyme 6 OS=Salmo salar GN=KAI1
 UN_ci_641 ---
 UN_ci_4948 ---
 UN_ci_1425 tr|C1BM02|C1BM02_OSMMO 60S ribosomal protein L5 OS=Osmerus mordax GN=RL5
 UN_ci_4259 ---
 UN_ci_3783 tr|Q4SC69|Q4SC69_TETNG Chromosome undetermined SCAF14659, whole genome shotgun
 UN_ci_1749 tr|B9ENE2|B9ENE2_SALSA Charged multivesicular body protein 1b OS=Salmo salar
 UN_ci_3860 ---
 GPGRCDD02FV00G_ci tr|C1BJV5|C1BJV5_OSMMO Intraflagellar transport 52 homolog OS=Osmerus mordax
 UN_ci_5748 ---
 UN_ci_2350 ---
 UN_ci_2608 ---
 GP8I43W03GWEGI_ci ---
 UN_ci_5562 ---
 GR6TTJD01CAN6C_ci ---

UN_ci_4764	tr Q6ZM53 Q6ZM53_DANRE	Novel protein similar to vertebrate NifU-like N-t
UN_ci_4224	tr A2Q0U9 A2Q0U9_SOLSE	Glyceraldehyde-3-phosphate dehydrogenase OS=Solea
GR6TTJD01ALM1W_ci	---	
GP8I43W03HGJQU_ci	---	
GPGRCD02IZV9R_ci	---	
UN_ci_71	tr Q6PBS0 Q6PBS0_DANRE	Required for meiotic nuclear division 5 homolog B
UN_ci_8198	---	
UN_ci_667	---	
UN_ci_3150	tr Q4SCJ6 Q4SCJ6_TETNG	Chromosome undetermined SCAF14653, whole genome sl
GP8I43W03F6QUI_ci	---	
GP8I43W03G5IYE_ci	---	
GPGRCD02G4LPQ_ci	---	
GR6TTJD01ARNT6_ci	---	
UN_ci_3712	tr Q4R3B1 Q4R3B1_MACFA	Testis cDNA clone: QtsA-18230, similar to human et
UN_ci_2336	tr A3FG33 A3FG33_DANRE	Alpha II-spectrin OS=Danio rerio GN=spna2 PE=2 SV=
UN_ci_3276	---	
GR6TTJD01AT50R_ci	---	
UN_ci_3503	tr C1BKT3 C1BKT3_OSMO	COMM domain-containing protein 6 OS=Osmerus morda
UN_ci_2837	---	
GP8I43W03GKZ30_ci	---	
UN_ci_6452	tr C3KJY4 C3KJY4_ANOFI	Coatomer subunit zeta-1 OS=Anoplopoma fimbria GN=(
UN_ci_7881	---	
GP8I43W03GJUTJ_ci	---	
UN_ci_827	---	
GR6TTJD01B2T8J_ci	tr Q4RTH2 Q4RTH2_TETNG	Chromosome 1 SCAF14998, whole genome shotgun sequ
UN_ci_506	---	
UN_ci_2340	---	
UN_ci_3305	---	
UN_ci_4950	tr Q6DHM7 Q6DHM7_DANRE	Ketohexokinase OS=Danio rerio GN=khk PE=2 SV=1
UN_ci_3653	---	
GR6TTJD01AEOW2_ci	---	
GR6TTJD01A1FR1_ci	---	
GR6TTJD01BQ8K5_ci	---	
GR6TTJD01AMNBR_ci	tr Q4SLI5 Q4SLI5_TETNG	Chromosome 7 SCAF14557, whole genome shotgun sequ
GR6TTJD01BR83S_ci	---	
UN_ci_178	tr C1BWN2 C1BWN2_ESOLU	Dpy-30 homolog OS=Esox lucius GN=DPY30 PE=4 SV=1
GR6TTJD01CD965_ci	---	
UN_ci_120	---	
UN_ci_2327	tr B5X1L2 B5X1L2_SALSA	Transmembrane 9 superfamily member 3 OS=Salmo sal
GPGRCD02H44B1_ci	---	
UN_ci_5037	tr Q4RHM9 Q4RHM9_TETNG	Chromosome 19 SCAF15045, whole genome shotgun sequ
GPGRCD02GSNVK_ci	---	
UN_ci_3608	---	
UN_ci_483	tr Q4R8U5 Q4R8U5_MACFA	Testis cDNA clone: QtsA-11442, similar to human cl
GR6TTJD01A89Q7_ci	tr Q6P838 Q6P838_XENTR	Adaptor-related protein complex 1, mu 1 subunit OS
UN_ci_7598	tr Q4SE67 Q4SE67_TETNG	Chromosome undetermined SCAF14625, whole genome sl
UN_ci_8108	tr Q4S578 Q4S578_TETNG	Chromosome 6 SCAF14737, whole genome shotgun sequ
UN_ci_2556	---	
GR6TTJD01A814L_ci	---	
UN_ci_8638	---	

UN_ci_6009 ---
 GR6TTJD01AXOW0_ci tr|A9UK00|A9UK00_SALSA MKK6a OS=Salmo salar GN=MKK6 PE=2 SV=1
 UN_ci_2792 tr|B8A4N1|B8A4N1_DANRE Nucleolar and spindle associated protein 1 OS=Dan:
 UN_ci_8319 tr|A5D6V4|A5D6V4_DANRE Zgc:163141 protein OS=Danio rerio GN=zgc:163141 PI
 GR6TTJD01BJN42_ci tr|Q4SCF4|Q4SCF4_TETNG Chromosome 1 SCAF14655, whole genome shotgun sequ
 UN_ci_4601 ---
 UN_ci_3557 tr|Q4RNR3|Q4RNR3_TETNG Chromosome 2 SCAF15010, whole genome shotgun sequ
 UN_ci_7472 tr|Q4S358|Q4S358_TETNG Chromosome 4 SCAF14752, whole genome shotgun sequ
 UN_ci_2656 ---
 UN_ci_7716 ---
 UN_ci_6 ---
 GR6TTJD01AOEND_ci ---
 GR6TTJD01AG5PM_ci ---
 UN_ci_8691 ---
 GP8I43W03FSA63_ci ---
 GR6TTJD01AUCKJ_ci ---
 UN_ci_6898 tr|Q4RID8|Q4RID8_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 GPGRCDD02GCD1S_ci ---
 UN_ci_4837 tr|C3KIH5|C3KIH5_ANOFI NTF2-related export protein 2 OS=Anoplopoma fimbr:
 UN_ci_7641 ---
 UN_ci_3585 tr|Q4RSW9|Q4RSW9_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 GP8I43W03GCORE_ci ---
 UN_ci_5249 ---
 UN_ci_7874 tr|Q5DVI0|Q5DVI0_PLAFE 60S ribosomal protein L28 OS=Platichthys flesus Gl
 UN_ci_1077 ---
 UN_ci_5262 tr|C3KGT2|C3KGT2_ANOFI Thioredoxin domain-containing protein 9 OS=Anoplo
 GPGRCDD02G9GM8_ci ---
 GR6TTJD01A0XPI_ci ---
 GP8I43W03G3HVV_ci ---
 UN_ci_8334 sp|Q2KKX7|CS042_SINCH UPF0608 protein C19orf42 homolog OS=Siniperca chuatsi
 GR6TTJD01A4MFB_ci tr|Q4RQV6|Q4RQV6_TETNG Chromosome 2 SCAF15004, whole genome shotgun sequ
 UN_ci_5841 ---
 UN_ci_1053 ---
 GR6TTJD01AISC1_ci ---
 UN_ci_4574 ---
 GR6TTJD01APEWQ_ci ---
 UN_ci_8344 tr|C3KJU9|C3KJU9_ANOFI Receptor expression-enhancing protein 5 OS=Anoplo
 UN_ci_8243 tr|C3KH83|C3KH83_ANOFI Pterin-4-alpha-carbinolamine dehydratase OS=Anoplo
 GR6TTJD01A8IK3_ci ---
 GPGRCDD02G51A4_ci ---
 UN_ci_2588 ---
 UN_ci_3151 tr|A9ZTA4|A9ZTA4_SOLSE Ribosomal protein L26 OS=Solea senegalensis GN=RPI
 UN_ci_7510 tr|Q4SG48|Q4SG48_TETNG Chromosome 12 SCAF14600, whole genome shotgun sequ
 GR6TTJD01BBMWM_ci tr|Q4T565|Q4T565_TETNG Chromosome undetermined SCAF9414, whole genome sh
 UN_ci_929 ---
 GR6TTJD01AR8CF_ci ---
 UN_ci_1871 ---
 UN_ci_1010 ---
 UN_ci_6467 sp|Q1M161|TRADD_ONCMY Tumor necrosis factor receptor type 1-associated DI
 UN_ci_4790 ---

GP8I43W03GZP83_ci ---
 UN_ci_6578 sp|Q803X1|CTU1_DANRE Cytoplasmic tRNA 2-thiolation protein 1 OS=Danio rerio
 UN_ci_1226 ---
 UN_ci_7066 ---
 UN_ci_5314 ---
 UN_ci_689 ---
 GPGRCD02IH7BK_ci ---
 UN_ci_8599 ---
 UN_ci_6564 ---
 UN_ci_70 tr|B5XA56|B5XA56_SALSA Low molecular weight phosphotyrosine protein phosphatase
 UN_ci_1327 ---
 UN_ci_8256 tr|Q4RMT6|Q4RMT6_TETNG Chromosome 3 SCAF15018, whole genome shotgun sequence
 GPGRCD02GR2CQ_ci ---
 UN_ci_956 ---
 UN_ci_6545 tr|Q504G2|Q504G2_DANRE Zgc:109897 OS=Danio rerio GN=zgc:109897 PE=2 SV=1
 UN_ci_8616 tr|C5J8B7|C5J8B7_OPICY Actin (Fragment) OS=Opisthacanthus cayaporum GN=ac
 UN_ci_5235 tr|Q08CH9|Q08CH9_DANRE Zgc:153059 OS=Danio rerio GN=zgc:153059 PE=2 SV=1
 UN_ci_6089 ---
 UN_ci_5605 tr|Q6V9V7|Q6V9V7_CHICK Serine/threonine kinase 25 OS=Gallus gallus PE=2 SV=1
 UN_ci_2449 ---
 GPGRCD02JPGVJ_ci ---
 UN_ci_7010 tr|C1BFA4|C1BFA4_ONCMY Translation machinery-associated protein 20 OS=Onchocerca
 GP8I43W03GZ13L_ci ---
 UN_ci_2244 tr|Q9DFF6|Q9DFF6_ONCMY 60S ribosomal protein (Fragment) OS=Onchocerca
 GP8I43W03GY0T3_ci ---
 GPGRCD02ILBKF_ci ---
 UN_ci_849 ---
 UN_ci_1785 ---
 UN_ci_7669 tr|C3KHW9|C3KHW9_ANOFI 40S ribosomal protein S28 OS=Anoplopoma fimbria
 GR6TTJD01BLYAB_ci tr|B5X5L1|B5X5L1_SALSA Up-regulated during skeletal muscle growth protein
 UN_ci_7614 ---
 UN_ci_2428 tr|Q2KL15|Q2KL15_SINCH Ribosomal protein L10a (Fragment) OS=Siniperca chuatsi
 GPGRCD02JX5CU_ci ---
 GPGRCD02IN3H1_ci ---
 UN_ci_3780 ---
 UN_ci_7390 ---
 UN_ci_3474 ---
 GR6TTJD01CDKUD_ci ---
 UN_ci_7725 ---
 GP8I43W03GBMWO_ci ---
 GR6TTJD01BKGIL_ci ---
 GPGRCD02IJYYE_ci ---
 UN_ci_1046 tr|B5X3R3|B5X3R3_SALSA F-actin-capping protein subunit beta OS=Salmo salar
 UN_ci_4070 ---
 UN_ci_3656 ---
 UN_ci_6677 tr|Q28CV0|Q28CV0_XENTR CCR4 carbon catabolite repression 4-like (S. cerevisiae)
 GP8I43W03FNI4D_ci ---
 UN_ci_3494 tr|Q4SBS4|Q4SBS4_TETNG Chromosome 19 SCAF14664, whole genome shotgun sequence
 GPGRCD02HHH6J_ci tr|Q4RHC1|Q4RHC1_TETNG Chromosome 3 SCAF15050, whole genome shotgun sequence
 UN_ci_1906 ---

UN_ci_6556	---
UN_ci_7358	---
UN_ci_4555	---
GP8I43W03GGMF0_ci	tr C3Y4L0 C3Y4L0_BRAFL Putative uncharacterized protein OS=Branchiostoma
UN_ci_1057	tr C1J0J0 C1J0J0_GILSE ATP synthase subunit beta (Fragment) OS=Gillichthys
UN_ci_4930	---
UN_ci_1520	sp Q803V3 P2R3C_DANRE Serine/threonine-protein phosphatase 2A regulatory
GR6TTJD01AM71A_ci	---
UN_ci_5188	---
UN_ci_469	---
GR6TTJD01BHGWE_ci	---
UN_ci_276	---
UN_ci_3370	tr C3KJH2 C3KJH2_ANOFI Small nuclear ribonucleoprotein G OS=Anoplopoma f.
GR6TTJD01CCSK4_ci	tr Q5XJT5 Q5XJT5_DANRE Zgc:101585 OS=Danio rerio GN=dolpp1 PE=2 SV=1
UN_ci_6883	---
UN_ci_1397	tr Q4SIZ7 Q4SIZ7_TETNG Chromosome 21 SCAF14577, whole genome shotgun sequ
GPGRCD02HHAVQ_ci	---
UN_ci_508	---
UN_ci_8579	---
UN_ci_2212	tr Q4RGQ9 Q4RGQ9_TETNG Chromosome 4 SCAF15093, whole genome shotgun sequ
UN_ci_7713	tr A7SVD8 A7SVD8_NEMVE Predicted protein (Fragment) OS=Nematostella vecte
UN_ci_6991	---
UN_ci_6231	---
GR6TTJD01B26WI_ci	---
UN_ci_4838	---
UN_ci_3558	tr D3ZS52 D3ZS52_RAT Putative uncharacterized protein LOC686092 OS=Rattus
UN_ci_1823	tr Q68FB6 Q68FB6_XENTR Abl-interactor 1 OS=Xenopus tropicalis GN=abil PE=
UN_ci_1613	---
UN_ci_647	tr D8U3C1 D8U3C1_VOLCA Putative uncharacterized protein OS=Volvox carter:
UN_ci_524	---
GPGRCD02G4HOF_ci	---
GR6TTJD01BHZOR_ci	tr C1BXW5 C1BXW5_ESOLU Actin-related protein 2/3 complex subunit 3 OS=Esc
UN_ci_1675	---
UN_ci_3162	tr Q4SM84 Q4SM84_TETNG Chromosome 13 SCAF14555, whole genome shotgun sequ
UN_ci_1072	---
UN_ci_8141	tr C1BK88 C1BK88_OSMMO DCN1-like protein 1 OS=Osmerus mordax GN=DCNL1 PE=
GPGRCD02IAYKE_ci	---
GR6TTJD01A1TPB_ci	---
GR6TTJD01A26YM_ci	tr C1BF29 C1BF29_ONCMY Barrier-to-autointegration factor OS=Oncorhynchus
GPGRCD02IEYEU_ci	tr B9V3T7 B9V3T7_EPICO Malate dehydrogenase 1b (Fragment) OS=Epinephelus
GP8I43W03F3VEY_ci	---
UN_ci_3408	tr C3KHNO C3KHNO_ANOFI Uracil phosphoribosyltransferase OS=Anoplopoma fir
UN_ci_1563	---
GP8I43W03G7H59_ci	---
UN_ci_3632	---
UN_ci_2081	---
UN_ci_6454	tr C1BJ10 C1BJ10_OSMMO C6orf115 OS=Osmerus mordax GN=CF115 PE=4 SV=1
UN_ci_8130	tr C3KJG8 C3KJG8_ANOFI Testis-expressed sequence 12 protein OS=Anoplopoma
UN_ci_2658	---
UN_ci_5332	---

UN_ci_1045	---
UN_ci_5467	---
GPGRCD02FVNWP_ci	---
UN_ci_606	---
UN_ci_6728	---
UN_ci_6115	tr Q3UBL7 Q3UBL7_MOUSE Putative uncharacterized protein (Fragment) OS=Mus
UN_ci_6197	tr Q7ZVY9 Q7ZVY9_DANRE Karyopherin alpha 4 (Importin alpha 3) OS=Danio rerio
UN_ci_7876	tr Q8AYL2 Q8AYL2_ORYLA ZPB OS=Oryzias latipes PE=4 SV=1
GP8I43W03GJBDW_ci	---
UN_ci_5445	---
GR6TTJD01BM35U_ci	tr Q4RNY4 Q4RNY4_TETNG Chromosome 10 SCAF15009, whole genome shotgun sequence
UN_ci_494	---
GP8I43W03F06XA_ci	---
UN_ci_4872	---
UN_ci_8171	tr A9ZT79 A9ZT79_SOLSE Ribosomal protein L6 OS=Solea senegalensis GN=RPL6
UN_ci_2962	tr Q1WA98 Q1WA98_ICTPU Leucine rich protein-like (Fragment) OS=Ictalurus punctatus
UN_ci_5246	tr Q4RZC0 Q4RZC0_TETNG Chromosome 1 SCAF14944, whole genome shotgun sequence
UN_ci_7916	---
GR6TTJD01APHTA_ci	---
UN_ci_4471	---
UN_ci_1240	---
UN_ci_6411	tr B5XBW1 B5XBW1_SALSA BCAS2 protein homolog OS=Salmo salar GN=BCAS2 PE=2 SV=1
UN_ci_1382	tr Q4RSX7 Q4RSX7_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequence
UN_ci_7302	tr C3KHC9 C3KHC9_ANOFI PRA1 family protein 3 OS=Anoplopoma fimbria GN=PR
UN_ci_6805	tr B7ZVA4 B7ZVA4_DANRE Isoamyl acetate-hydrolyzing esterase 1 homolog (S.
UN_ci_8176	tr Q4RKC4 Q4RKC4_TETNG Chromosome 21 SCAF15029, whole genome shotgun sequence
UN_ci_6409	---
GP8I43W03G7VS7_ci	---
UN_ci_7825	tr Q4SQF9 Q4SQF9_TETNG Chromosome 4 SCAF14533, whole genome shotgun sequence
UN_ci_6800	---
GR6TTJD01CAYEK_ci	---
GPGRCD02JVJ9V_ci	---
GR6TTJD01AXYJ5_ci	tr Q4S6J7 Q4S6J7_TETNG Chromosome undetermined SCAF14725, whole genome shotgun sequence
UN_ci_8163	tr Q4S4D9 Q4S4D9_TETNG Chromosome 2 SCAF14738, whole genome shotgun sequence
UN_ci_1213	tr COHB31 COHB31_SALSA Kinetochores protein NDC80 homolog OS=Salmo salar (
UN_ci_4216	tr B5DG14 B5DG14_SALSA Component of oligomeric golgi complex 2 OS=Salmo salar
GR6TTJD01CE75K_ci	tr Q4SN40 Q4SN40_TETNG Chromosome 6 SCAF14544, whole genome shotgun sequence
UN_ci_375	---
UN_ci_2402	---
GP8I43W03HFA1K_ci	---
GR6TTJD01B6LUR_ci	sp A8E7G4 FA45A_DANRE Protein FAM45A OS=Danio rerio GN=fam45a PE=2 SV=1
UN_ci_4105	tr Q4TC18 Q4TC18_TETNG Chromosome 21 SCAF7061, whole genome shotgun sequence
UN_ci_3984	---
UN_ci_3646	tr Q4SYF4 Q4SYF4_TETNG Chromosome undetermined SCAF12073, whole genome shotgun sequence
GPGRCD02F7D8A_ci	---
UN_ci_1962	---
UN_ci_7532	tr Q802V8 Q802V8_DANRE ATP-binding cassette, sub-family F (GCN20), member
UN_ci_4754	tr Q8LZ48 Q8LZ48_9PERC Cytochrome b (Fragment) OS=Scomberoides commersoni
GPGRCD02HANZ9_ci	---
UN_ci_4710	tr Q4RKT5 Q4RKT5_TETNG Chromosome 1 SCAF15025, whole genome shotgun sequence

GR6TTJD01B71DT_ci	sp Q6NV04 ILVBL_DANRE Acetolactate synthase-like protein OS=Danio rerio (
UN_ci_5431	tr Q4SRH2 Q4SRH2_TETNG Chromosome undetermined SCAF14526, whole genome sl
GR6TTJD01BM7GI_ci	---
UN_ci_4078	tr Q6Y248 Q6Y248_PAGMA Chaperonin subunit 7 (Fragment) OS=Pagrus major PI
GR6TTJD01BKXAJ_ci	---
UN_ci_344	---
UN_ci_4482	---
UN_ci_1524	---
UN_ci_2540	---
UN_ci_4081	tr C3KK45 C3KK45_ANOFI Ribosome maturation protein SBDS OS=Anoplopoma fir
GR6TTJD01B9TQ5_ci	---
GR6TTJD01A2P1I_ci	---
UN_ci_8794	tr B5X1I8 B5X1I8_SALSA Dolichyl-diphosphooligosaccharide--protein glycos
GR6TTJD01B6G2U_ci	---
UN_ci_5083	tr Q4SS27 Q4SS27_TETNG Chromosome 11 SCAF14479, whole genome shotgun sequ
GR6TTJD01AMY0Z_ci	---
UN_ci_2390	---
UN_ci_4223	tr Q5SNS3 Q5SNS3_DANRE Novel protein similar to human tubulin epsilon 1
UN_ci_1201	tr COHAQ6 COHAQ6_SALSA Elongation factor 2 OS=Salmo salar GN=EF2 PE=2 SV=
UN_ci_2416	tr C3KHA5 C3KHA5_ANOFI TRM112-like protein OS=Anoplopoma fimbria GN=TR112
UN_ci_3512	---
GPGRCD02GRLKJ_ci	tr Q4SPU7 Q4SPU7_TETNG Chromosome 7 SCAF14536, whole genome shotgun sequ
GP8I43W03GAKHO_ci	tr Q68EJ8 Q68EJ8_DANRE Glycerophosphodiester phosphodiesterase domain co
GP8I43W03GXHTB_ci	tr Q4SBU7 Q4SBU7_TETNG Chromosome 19 SCAF14664, whole genome shotgun sequ
UN_ci_8250	tr Q4S5M1 Q4S5M1_TETNG Chromosome 9 SCAF14729, whole genome shotgun sequ
UN_ci_5411	tr B5X488 B5X488_SALSA Tyrosine-protein kinase Lyn OS=Salmo salar GN=LYN
GP8I43W03G9Z79_ci	---
UN_ci_6601	tr Q4RJR3 Q4RJR3_TETNG Chromosome 13 SCAF15035, whole genome shotgun sequ
UN_ci_2283	tr B5X8G5 B5X8G5_SALSA N-terminal asparagine amidohydrolase OS=Salmo salar
UN_ci_1848	---
GPGRCD02GWIUB_ci	tr Q6NWX0 Q6NWX0_DANRE Phospholipase A2, group VI (Cytosolic, calcium-inc
UN_ci_1856	---
UN_ci_1373	tr Q4SJY3 Q4SJY3_TETNG Chromosome 10 SCAF14571, whole genome shotgun sequ
GP8I43W03FWHBI_ci	tr Q4SZ59 Q4SZ59_TETNG Chromosome undetermined SCAF11816, whole genome sl
UN_ci_3584	---
UN_ci_5321	---
UN_ci_8463	---
GP8I43W03F8W0Z_ci	---
UN_ci_6097	tr Q4SEY5 Q4SEY5_TETNG Chromosome undetermined SCAF14610, whole genome sl
GR6TTJD01AFEBB_ci	---
GR6TTJD01AVZOT_ci	---
UN_ci_1788	---
UN_ci_7500	tr A0AUR9 A0AUR9_DANRE G protein pathway suppressor 1 OS=Danio rerio GN=G
UN_ci_7316	---
GPGRCD02F0M8X_ci	---
UN_ci_6120	---
UN_ci_1911	---
UN_ci_3577	tr A4IHX9 A4IHX9_XENTR Nucleolar protein family A, member 3 (H/ACA small
GPGRCD02HK3QY_ci	---
UN_ci_7553	---

UN_ci_6155	tr B5X8T4 B5X8T4_SALSA Selenoprotein K OS=Salmo salar GN=SELK PE=4 SV=1
UN_ci_2902	sp 057594 SURF6_TAKRU Surfeit locus protein 6 homolog OS=Takifugu rubripes
GR6TTJD01BAJ3K_ci	---
GR6TTJD01B113X_ci	---
GPGRCD02HTE7I_ci	---
UN_ci_5191	tr C3KID0 C3KID0_ANOFI Peptidyl-prolyl cis-trans isomerase NIMA-interacti
UN_ci_8074	tr Q7ZWD3 Q7ZWD3_DANRE Eif2s1l protein OS=Danio rerio GN=eif2s1l PE=2 SV=
UN_ci_1660	---
UN_ci_4815	---
UN_ci_867	---
UN_ci_4373	tr Q6DQ48 Q6DQ48_SPAAU Nonspecific cytotoxic cell receptor protein-1 OS=
UN_ci_2750	---
UN_ci_1189	---
UN_ci_4853	---
UN_ci_5667	tr Q4SUC5 Q4SUC5_TETNG Chromosome undetermined SCAF13968, whole genome sl
GR6TTJD01BT1L9_ci	---
UN_ci_8058	tr C3KJT1 C3KJT1_ANOFI High mobility group protein B2 OS=Anoplopoma fimb
GPGRCD02HYOE0_ci	tr Q4SXX5 Q4SXX5_TETNG Chromosome 15 SCAF12379, whole genome shotgun sequ
GP8I43W03FPQNO_ci	---
UN_ci_1971	---
GP8I43W03G34PW_ci	---
GP8I43W03F6M2J_ci	---
UN_ci_7913	---
UN_ci_426	---
UN_ci_1480	---
UN_ci_7262	---
UN_ci_7816	tr C3KJ26 C3KJ26_ANOFI Mitochondrial GTPase 1, mitochondrial OS=Anoplopom
GPGRCD02F07MU_ci	---
UN_ci_4740	---
GR6TTJD01A3III_ci	---
GR6TTJD01A0Z30_ci	tr Q4S949 Q4S949_TETNG Chromosome 3 SCAF14700, whole genome shotgun sequ
UN_ci_7335	---
UN_ci_304	---
GR6TTJD01AYNWM_ci	---
UN_ci_4235	tr Q4SG49 Q4SG49_TETNG Chromosome 12 SCAF14600, whole genome shotgun sequ
UN_ci_7450	tr Q4RVM5 Q4RVM5_TETNG Chromosome 9 SCAF14991, whole genome shotgun sequ
UN_ci_6347	tr C3KIK8 C3KIK8_ANOFI Probable gluconokinase OS=Anoplopoma fimbria GN=G
GPGRCD02GPTTP_ci	---
GPGRCD02FSQCD_ci	---
UN_ci_2868	---
UN_ci_6846	---
GR6TTJD01A07V1_ci	---
UN_ci_7912	tr Q4SZG8 Q4SZG8_TETNG Chromosome 18 SCAF11624, whole genome shotgun sequ
UN_ci_31	---
GR6TTJD01AMVYY_ci	---
UN_ci_4274	---
UN_ci_5875	tr Q4V9F5 Q4V9F5_DANRE Zgc:113385 OS=Danio rerio GN=wu:fc43a05 PE=2 SV=1
UN_ci_1360	---
GR6TTJD01AXKIN_ci	---
UN_ci_2393	---

GPGRCD02JH5SV_ci	---
GR6TTJD01BJRVA_ci	---
GPGRCD02FU0AU_ci	---
UN_ci_5459	tr B1H3I7 B1H3I7_XENTR Znf654 protein (Fragment) OS=Xenopus tropicalis GN=LOC100506481
GR6TTJD01APCW7_ci	tr Q91226 Q91226_ORENI Glutamate receptor subunit 2B OS=Oreochromis niloticus GN=LOC100506481
UN_ci_1211	tr C1BKW9 C1BKW9_OSMO Prostaglandin E synthase 3 OS=Osmerus mordax GN=LOC100506481
GR6TTJD01AWNG0_ci	tr Q4T019 Q4T019_TETNG Chromosome undetermined SCAF11390, whole genome shotgun sequence
UN_ci_1594	tr Q4RVD2 Q4RVD2_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequence
UN_ci_5674	---
UN_ci_3115	---
GR6TTJD01BHLJK_ci	tr Q4S3J7 Q4S3J7_TETNG Chromosome 1 SCAF14749, whole genome shotgun sequence
GPGRCD02F9V2R_ci	tr Q90XF8 Q90XF8_XIPMA Triosephosphate isomerase OS=Xiphophorus maculatus GN=LOC100506481
GR6TTJD01BYSQ7_ci	---
UN_ci_5359	---
UN_ci_4629	---
UN_ci_6968	tr Q4SK11 Q4SK11_TETNG Chromosome 10 SCAF14571, whole genome shotgun sequence
GR6TTJD01AMJOB_ci	tr A7S699 A7S699_NEMVE Predicted protein OS=Nematostella vectensis GN=LOC100506481
UN_ci_2008	tr D2H728 D2H728_AILME Putative uncharacterized protein (Fragment) OS=Ailanthus altissima
GP8I43W03F6SFL_ci	---
UN_ci_1148	---
UN_ci_8441	---
UN_ci_2621	tr C3KHS5 C3KHS5_ANOFI ATPase inhibitor, mitochondrial OS=Anoplopoma fimbria GN=LOC100506481
GP8I43W03F06B8_ci	tr B7WP93 B7WP93_HUMAN Putative uncharacterized protein DNAH10 OS=Homo sapiens GN=LOC100506481
GR6TTJD01AIGGT_ci	tr A2RV31 A2RV31_DANRE Zgc:158758 protein OS=Danio rerio GN=etv7 PE=2 SV=1
UN_ci_539	tr Q4SN52 Q4SN52_TETNG Chromosome 8 SCAF14543, whole genome shotgun sequence
GR6TTJD01A612W_ci	---
GPGRCD02FOUPI_ci	tr Q4RJW2 Q4RJW2_TETNG Chromosome 9 SCAF15033, whole genome shotgun sequence
UN_ci_1775	---
UN_ci_4882	---
GR6TTJD01B7NFU_ci	tr Q4RFR1 Q4RFR1_TETNG Ubiquitin carboxyl-terminal hydrolase (Fragment) OS=Homo sapiens
GR6TTJD01A3WWR_ci	---
UN_ci_164	tr B2GU25 B2GU25_XENTR LOC100158493 protein OS=Xenopus tropicalis GN=LOC100506481
UN_ci_1094	tr Q6GN68 Q6GN68_XENLA MGC82991 protein OS=Xenopus laevis GN=MGC82991 PE=1
GP8I43W03HBFJS_ci	---
UN_ci_7821	---
UN_ci_5735	---
UN_ci_1319	tr C1BXI2 C1BXI2_ESOLU Magnesium transporter protein 1 OS=Esox lucius GN=LOC100506481
GR6TTJD01CBX7D_ci	tr A5WWI1 A5WWI1_DANRE Cytidylate kinase (Fragment) OS=Danio rerio GN=cmg
GP8I43W03GZP38_ci	tr Q4RQM6 Q4RQM6_TETNG Chromosome 2 SCAF15004, whole genome shotgun sequence
UN_ci_1693	tr Q6PEG4 Q6PEG4_DANRE Elongation factor RNA polymerase II OS=Danio rerio GN=LOC100506481
GR6TTJD01APFWY_ci	---
GR6TTJD01BMDI4_ci	---
UN_ci_417	---
UN_ci_5773	tr C1BJZ6 C1BJZ6_OSMO Rab GDP dissociation inhibitor beta OS=Osmerus mordax GN=LOC100506481
UN_ci_2450	---
GPGRCD02G6WYO_ci	---
UN_ci_6690	tr Q4RXP4 Q4RXP4_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequence
UN_ci_6537	tr Q3ZLG2 Q3ZLG2_OREMO Quinone reductase (Fragment) OS=Oreochromis mossambicus
UN_ci_7914	---
UN_ci_2514	tr C3KKA2 C3KKA2_ANOFI C12orf65 homolog OS=Anoplopoma fimbria GN=CL065 PI

UN_ci_1200	tr A3QT58 A3QT58_PAROL Calreticulin OS=Paralichthys olivaceus PE=2 SV=1
GR6TTJD01BDNGM_ci	---
UN_ci_3530	tr Q56V60 Q56V60_9PERO Sodium potassium ATPase alpha subunit OS=Rhabdosoma
UN_ci_3894	---
GR6TTJD01A9BUO_ci	---
GPGRCD02IR8XS_ci	---
UN_ci_7002	---
UN_ci_2074	---
UN_ci_8770	tr Q4S1Z0 Q4S1Z0_TETNG Chromosome undetermined SCAF14764, whole genome sl
UN_ci_4462	---
GR6TTJD01A982X_ci	---
UN_ci_5703	tr Q4SJ86 Q4SJ86_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
GR6TTJD01AQMCP_ci	---
GP8I43W03FZDZB_ci	tr C3KJL4 C3KJL4_ANOFI Intraflagellar transport protein 20 homolog OS=An
GR6TTJD01A5VUS_ci	tr Q4SMT6 Q4SMT6_TETNG Chromosome 8 SCAF14545, whole genome shotgun sequ
GPGRCD02I2HQF_ci	sp Q6DHQ1 HVCN1_DANRE Voltage-gated hydrogen channel 1 OS=Danio rerio GN=
UN_ci_7705	tr Q803A5 Q803A5_DANRE Qrs11 protein (Fragment) OS=Danio rerio GN=qrs11 l
UN_ci_4847	tr Q4RJRO Q4RJRO_TETNG Chromosome 13 SCAF15035, whole genome shotgun sequ
UN_ci_6078	tr A9ZTA6 A9ZTA6_SOLSE Ribosomal protein L27a OS=Solea senegalensis GN=RI
GR6TTJD01BX9HE_ci	---
UN_ci_440	tr Q4SP97 Q4SP97_TETNG Chromosome 15 SCAF14542, whole genome shotgun sequ
GP8I43W03FXL7Z_ci	---
UN_ci_545	tr Q4SH15 Q4SH15_TETNG Chromosome 8 SCAF14587, whole genome shotgun sequ
GR6TTJD01CE45G_ci	---
UN_ci_1232	---
UN_ci_4808	tr C3KGS0 C3KGS0_ANOFI Transmembrane protein 45B OS=Anoplopoma fimbria G
GP8I43W03GX629_ci	---
UN_ci_347	tr D2H223 D2H223_AILME Putative uncharacterized protein (Fragment) OS=Ai
GR6TTJD01CEYKI_ci	---
UN_ci_5139	tr Q5BL46 Q5BL46_XENTR LSM2 homolog, U6 small nuclear RNA associated OS=
UN_ci_1514	---
UN_ci_8272	tr B5DG05 B5DG05_SALSA Serine/threonine-protein phosphatase OS=Salmo sal
UN_ci_3642	---
UN_ci_5073	---
UN_ci_8526	tr C3KIX7 C3KIX7_ANOFI Mago nashi homolog OS=Anoplopoma fimbria GN=MGN PI
GR6TTJD01BXOKU_ci	tr Q4REN1 Q4REN1_TETNG Chromosome 10 SCAF15123, whole genome shotgun sequ
UN_ci_2158	---
UN_ci_6669	tr B9EPM9 B9EPM9_SALSA Metalloprotease C21orf57 OS=Salmo salar GN=CU057 I
GR6TTJD01AISJI_ci	---
UN_ci_4571	tr C3KJZ9 C3KJZ9_ANOFI Cyclin-dependent kinase 2-associated protein 2 OS=
UN_ci_8653	tr Q3ZLC4 Q3ZLC4_OREMO Stathmin (Fragment) OS=Oreochromis mossambicus PE=
GP8I43W03FOCUX_ci	---
GP8I43W03G5N92_ci	---
UN_ci_6910	tr C1BIA8 C1BIA8_ONCMY Transcription initiation factor TFIID subunit 10 (
UN_ci_7422	tr Q9I8S9 Q9I8S9_ONCMY Caspase 6 OS=Oncorhynchus mykiss PE=2 SV=1
UN_ci_8003	---
UN_ci_1387	---
UN_ci_1100	---
GPGRCD02I4ZVU_ci	tr Q6NYE3 Q6NYE3_DANRE Novel protein similar to phosphoglucomutase 2 (PG
UN_ci_4515	tr C3KJS5 C3KJS5_ANOFI 26S protease regulatory subunit S10B OS=Anoplopoma

UN_ci_8092	tr C3KJM2 C3KJM2_ANOFI	DNA-directed RNA polymerases I, II, and III subun
UN_ci_3911	tr Q4RYB1 Q4RYB1_TETNG	Chromosome 3 SCAF14978, whole genome shotgun sequ
UN_ci_5549	---	---
UN_ci_5545	---	---
UN_ci_4676	tr Q4T7G8 Q4T7G8_TETNG	Chromosome undetermined SCAF8102, whole genome sh
GPGRCD02GTMS8_ci	---	---
GR6TTJD01BOS5P_ci	---	---
GPGRCD02HNHW0_ci	---	---
GP8I43W03G8MMG_ci	tr C1BIW0 C1BIW0_OSMMO	AP-1 complex subunit sigma-2 OS=Osmerus mordax GN=
UN_ci_489	---	---
UN_ci_2946	tr C1BMA3 C1BMA3_OSMMO	Gamma-aminobutyric acid receptor-associated prote:
GR6TTJD01AD8R0_ci	---	---
GPGRCD02JKZFI_ci	---	---
GR6TTJD01CDWMZ_ci	tr B5X1A1 B5X1A1_SALSA	Probable isovaleryl-CoA dehydrogenase OS=Salmo sa.
UN_ci_7622	---	---
UN_ci_8678	---	---
GPGRCD02JI28E_ci	---	---
UN_ci_577	tr Q4SI78 Q4SI78_TETNG	Chromosome 5 SCAF14581, whole genome shotgun sequ
UN_ci_4439	tr B5X8M2 B5X8M2_SALSA	Mediator of RNA polymerase II transcription subun:
UN_ci_4666	tr B7ZD04 B7ZD04_DANRE	Novel protein (Zgc:162162) OS=Danio rerio GN=CH21
GP8I43W03FQR1H_ci	---	---
GR6TTJD01CBN9U_ci	---	---
UN_ci_2700	tr C1BK72 C1BK72_OSMMO	HIRA-interacting protein 5 OS=Osmerus mordax GN=H
GP8I43W03GBJ4K_ci	---	---
UN_ci_8267	tr C3KHB3 C3KHB3_ANOFI	Coiled-coil-helix-coiled-coil-helix domain-contain
UN_ci_6615	---	---
UN_ci_8400	tr Q4S7P2 Q4S7P2_TETNG	Chromosome 18 SCAF14712, whole genome shotgun sequ
UN_ci_1702	tr Q4TAB3 Q4TAB3_TETNG	Chromosome undetermined SCAF7390, whole genome sh
UN_ci_8140	tr Q6Y213 Q6Y213_PAGMA	Ribosomal protein L4 (Fragment) OS=Pagrus major Pl
UN_ci_4024	tr C3KJD7 C3KJD7_ANOFI	FAM92A1 OS=Anoplopoma fimbria GN=F92A1 PE=2 SV=1
UN_ci_1166	tr B6E1S9 B6E1S9_LARCR	Ubiquitin carrier protein OS=Larimichthys crocea I
GPGRCD02HT1SP_ci	---	---
UN_ci_2805	---	---
UN_ci_2793	---	---
GPGRCD02FZBAL_ci	---	---
UN_ci_4120	---	---
UN_ci_6907	tr Q4RYN1 Q4RYN1_TETNG	Chromosome 16 SCAF14974, whole genome shotgun sequ
GR6TTJD01BN1VS_ci	---	---
UN_ci_133	tr Q6IQS7 Q6IQS7_DANRE	Syntaxin 12 OS=Danio rerio GN=stx12 PE=2 SV=1
UN_ci_2833	tr Q4RSM1 Q4RSM1_TETNG	Chromosome 12 SCAF14999, whole genome shotgun sequ
UN_ci_3800	tr Q4RHH8 Q4RHH8_TETNG	Chromosome undetermined SCAF15048, whole genome sl
UN_ci_4342	tr Q4S8B0 Q4S8B0_TETNG	Chromosome undetermined SCAF14706, whole genome sl
UN_ci_8310	tr Q7ZVK0 Q7ZVK0_DANRE	Protein regulator of cytokinesis 1 OS=Danio rerio
UN_ci_7047	tr A3KPX0 A3KPX0_DANRE	Novel protein OS=Danio rerio GN=si:ch211-215a10.4
UN_ci_7906	---	---
UN_ci_6775	---	---
UN_ci_4273	tr Q4T3Y6 Q4T3Y6_TETNG	Chromosome undetermined SCAF9881, whole genome sh
UN_ci_8560	---	---
UN_ci_2231	---	---
GR6TTJD01AUKZ8_ci	---	---

UN_ci_4379 tr|A4L7I8|A4L7I8_9SCOM Glutathione peroxidase OS=Thunnus maccoyii PE=2 SV
 GR6TTJD01AGHGQ_ci ---
 UN_ci_3043 tr|Q7ZUZ4|Q7ZUZ4_DANRE Programmed cell death 5 OS=Danio rerio GN=pdcd5 PI
 UN_ci_2918 tr|Q4RIG5|Q4RIG5_TETNG Chromosome 11 SCAF15043, whole genome shotgun seq
 UN_ci_1238 ---
 UN_ci_6488 ---
 UN_ci_2109 tr|Q4S0S6|Q4S0S6_TETNG Chromosome undetermined SCAF14779, whole genome sl
 UN_ci_3771 ---
 UN_ci_8567 tr|Q4TG82|Q4TG82_TETNG Chromosome undetermined SCAF3859, whole genome sh
 GP8I43W03HAXUK_ci ---
 UN_ci_408 tr|Q4SGB5|Q4SGB5_TETNG Chromosome 17 SCAF14597, whole genome shotgun seq
 UN_ci_7020 ---
 UN_ci_5555 ---
 GR6TTJD01A4B4T_ci ---
 GR6TTJD01A0JQR_ci ---
 GR6TTJD01BHGEH_ci ---
 UN_ci_6283 tr|C3KH76|C3KH76_ANOFI COMM domain-containing protein 2 OS=Anoplopoma fir
 GP8I43W03GTMRO_ci ---
 UN_ci_3055 ---
 UN_ci_6460 ---
 UN_ci_869 ---
 UN_ci_4008 ---
 GR6TTJD01A8UI7_ci ---
 UN_ci_1168 ---
 GR6TTJD01BY5CQ_ci ---
 GPGRCD02IM08Y_ci ---
 UN_ci_3303 ---
 GR6TTJD01B9WGC_ci tr|Q6DHD6|Q6DHD6_DANRE Zgc:92501 OS=Danio rerio GN=galm PE=2 SV=1
 UN_ci_2586 ---
 UN_ci_4368 tr|C3KI56|C3KI56_ANOFI Enolase OS=Anoplopoma fimbria GN=ENOA PE=2 SV=1
 UN_ci_4200 ---
 GR6TTJD01ASU8C_ci ---
 GR6TTJD01A6SW9_ci tr|C3KH43|C3KH43_ANOFI 60S ribosomal protein L7 OS=Anoplopoma fimbria GN=
 GR6TTJD01BRI0E_ci ---
 UN_ci_6928 ---
 GP8I43W03G4I4U_ci ---
 UN_ci_1115 ---
 UN_ci_8700 tr|C1BIQ6|C1BIQ6_OSMMO 40S ribosomal protein S6 OS=Osmerus mordax GN=RS6
 GP8I43W03F404H_ci ---
 UN_ci_2572 tr|B9ELU0|B9ELU0_SALSA Retinoblastoma-binding protein 6 OS=Salmo salar G
 UN_ci_349 ---
 UN_ci_2075 ---
 GP8I43W03GH4RW_ci ---
 UN_ci_4487 tr|Q4RXL8|Q4RXL8_TETNG Chromosome 11 SCAF14979, whole genome shotgun seq
 UN_ci_3220 tr|Q5DVH1|Q5DVH1_PLAFE 60S acidic ribosomal protein P1 OS=Platichthys fle
 UN_ci_2289 ---
 GR6TTJD01BS5DC_ci ---
 UN_ci_6200 tr|Q3ZLG0|Q3ZLG0_OREMO XNop56 (Fragment) OS=Oreochromis mossambicus PE=2
 UN_ci_1047 tr|B5X958|B5X958_SALSA Osteoclast-stimulating factor 1 OS=Salmo salar GN=
 UN_ci_7884 tr|A2Q0S1|A2Q0S1_SOLSE Ribosomal protein S6 OS=Solea senegalensis GN=rpSt

GPGRCD02JRDBT_ci ---
 UN_ci_4650 tr|Q7ZT30|Q7ZT30_TETNG Cytokine receptor CRFB5 OS=Tetraodon nigroviridis
 UN_ci_6911 ---
 GR6TTJD01AM3AU_ci ---
 GR6TTJD01CBYAG_ci tr|Q1LVZ4|Q1LVZ4_DANRE Novel protein similar to vertebrate myelin expres
 UN_ci_3527 ---
 UN_ci_2211 ---
 UN_ci_3721 tr|C3KIM5|C3KIM5_ANOFI Epididymal secretory protein E1 OS=Anoplopoma fimb
 UN_ci_3602 ---
 UN_ci_7398 ---
 UN_ci_3764 tr|Q4RZV9|Q4RZV9_TETNG Chromosome 18 SCAF14786, whole genome shotgun sequ
 UN_ci_4911 ---
 UN_ci_7724 tr|B9V3X3|B9V3X3_EPICO Muscle-specific beta 1 integrin binding protein 2
 UN_ci_7354 tr|C3KK34|C3KK34_ANOFI 50S ribosomal protein L34 OS=Anoplopoma fimbria G
 GPGRCD02GVFGE_ci ---
 UN_ci_1905 ---
 UN_ci_2879 tr|Q4RHR2|Q4RHR2_TETNG Chromosome 19 SCAF15045, whole genome shotgun sequ
 GPGRCD02G875W_ci ---
 GP8I43W03F5P7V_ci ---
 GR6TTJD01BG0IF_ci ---
 GR6TTJD01AQXD5_ci ---
 UN_ci_4954 sp|Q90511|EI2BB_TAKRU Translation initiation factor eIF-2B subunit beta (C
 UN_ci_3996 tr|Q4T296|Q4T296_TETNG Chromosome undetermined SCAF10304, whole genome sl
 UN_ci_4181 tr|Q4SHT6|Q4SHT6_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_7937 tr|C1BYA1|C1BYA1_ESOLU AN1-type zinc finger protein 1 OS=Esox lucius GN=7
 UN_ci_1677 ---
 GPGRCD02G1TFI_ci ---
 GPGRCD02HZOKW_ci ---
 UN_ci_6658 tr|Q4SKH1|Q4SKH1_TETNG Chromosome 13 SCAF14566, whole genome shotgun sequ
 UN_ci_630 tr|Q2MGS9|Q2MGS9_CARAU Anaphase-promoting complex subunit apcl1 OS=Caras
 UN_ci_5376 tr|D4A2S6|D4A2S6_RAT Putative uncharacterized protein RGD1305464 OS=Ratt
 UN_ci_3479 ---
 GPGRCD02J1TXE_ci ---
 UN_ci_7309 ---
 GPGRCD02HN16A_ci ---
 UN_ci_4348 ---
 GR6TTJD01BYHEG_ci ---
 GP8I43W03F9EZH_ci ---
 UN_ci_1606 ---
 GR6TTJD01AEZYC_ci ---
 UN_ci_1088 tr|Q4RI19|Q4RI19_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 UN_ci_8174 tr|Q4RBZ5|Q4RBZ5_TETNG Chromosome 8 SCAF20216, whole genome shotgun sequ
 GR6TTJD01BIHPW_ci ---
 UN_ci_8301 ---
 GPGRCD02JGC3W_ci ---
 GR6TTJD01B8FYE_ci tr|C1BWG0|C1BWG0_ESOLU Trafficking protein particle complex subunit 2 OS=
 GR6TTJD01BACIK_ci ---
 UN_ci_5596 ---
 UN_ci_3142 ---
 GPGRCD02IKOV1_ci ---

UN_ci_340 ---
 UN_ci_267 tr|Q4S9N2|Q4S9N2_TETNG Chromosome undetermined SCAF14696, whole genome sl
 GR6TTJD01BARGS_ci ---
 GPGRCDD02G13NW_ci ---
 UN_ci_3946 tr|B5XCS5|B5XCS5_SALSA ATP synthase-coupling factor 6, mitochondrial OS=
 GR6TTJD01AHCFG_ci tr|Q4S9K2|Q4S9K2_TETNG Chromosome undetermined SCAF14696, whole genome sl
 GR6TTJD01B7CYJ_ci tr|A0JM06|A0JM06_XENTR Putative uncharacterized protein MGC145453 OS=Xen
 GR6TTJD01A0VPF_ci ---
 UN_ci_8668 tr|C1BKX6|C1BKX6_OSMO ATP-dependent RNA helicase DDX39 OS=Osmerus mordax
 UN_ci_6786 ---
 UN_ci_8669 ---
 UN_ci_351 tr|Q4S3D4|Q4S3D4_TETNG Chromosome 1 SCAF14751, whole genome shotgun sequ
 GPGRCDD02IS7BW_ci tr|Q4RVB8|Q4RVB8_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
 GP8I43W03FN4C4_ci ---
 UN_ci_5580 sp|Q6PEH1|ERD22_DANRE ER lumen protein retaining receptor 2 OS=Danio rerio
 UN_ci_7583 tr|C3KHY5|C3KHY5_ANOFI Glycine N-acyltransferase OS=Anoplopoma fimbria Gl
 UN_ci_3770 tr|Q6NWF8|Q6NWF8_DANRE Ddx52 protein (Fragment) OS=Danio rerio GN=ddx52 l
 UN_ci_7072 tr|Q4RVP2|Q4RVP2_TETNG Chromosome 9 SCAF14991, whole genome shotgun sequ
 UN_ci_8633 tr|Q6Y205|Q6Y205_PAGMA Ribosomal protein L37 OS=Pagrus major PE=3 SV=1
 GP8I43W03G9AHV_ci tr|Q4SQ77|Q4SQ77_TETNG Chromosome 2 SCAF14534, whole genome shotgun sequ
 UN_ci_4504 tr|Q4RZN7|Q4RZN7_TETNG Chromosome 18 SCAF14786, whole genome shotgun sequ
 GPGRCDD02HZQHO_ci ---
 UN_ci_6689 ---
 GR6TTJD01BFQ52_ci ---
 UN_ci_569 tr|Q4SR39|Q4SR39_TETNG Chromosome 11 SCAF14528, whole genome shotgun sequ
 GP8I43W03F4EPT_ci ---
 UN_ci_2614 ---
 GPGRCDD02J0IPH_ci ---
 UN_ci_3497 tr|Q9PT09|Q9PT09_ONCMY Ubiquitin OS=Oncorhynchus mykiss PE=2 SV=1
 UN_ci_64 ---
 UN_ci_6823 sp|Q90625|ZBT17_CHICK Zinc finger and BTB domain-containing protein 17 (I
 UN_ci_1992 tr|B8JHR3|B8JHR3_DANRE Novel protein similar to vertebrate general transc
 UN_ci_7003 tr|A9JRX9|A9JRX9_DANRE Zgc:175125 protein OS=Danio rerio GN=zgc:175125 Pl
 GR6TTJD01B8JN3_ci ---
 UN_ci_2875 tr|Q4TA02|Q4TA02_TETNG Chromosome undetermined SCAF7478, whole genome sh
 GR6TTJD01AM5XC_ci ---
 UN_ci_4006 tr|C1BJG0|C1BJG0_OSMO 60S ribosomal protein L7 OS=Osmerus mordax GN=RL7
 UN_ci_7364 sp|Q5XH91|DDX1_XENTR ATP-dependent RNA helicase DDX1 OS=Xenopus tropical
 UN_ci_8321 tr|Q4RRB6|Q4RRB6_TETNG Chromosome 14 SCAF15003, whole genome shotgun sequ
 UN_ci_5052 ---
 UN_ci_3401 tr|B9ENP9|B9ENP9_SALSA Transport protein Sec61 subunit gamma OS=Salmo sa.
 UN_ci_3621 tr|Q4SQY6|Q4SQY6_TETNG Chromosome 11 SCAF14528, whole genome shotgun sequ
 GPGRCDD02FS7EH_ci ---
 UN_ci_3471 tr|Q4SCH8|Q4SCH8_TETNG NADH dehydrogenase [ubiquinone] 1 alpha subcomple
 UN_ci_5251 tr|C1BYH0|C1BYH0_ESOLU Phosphatidylinositol transfer protein beta isoform
 GR6TTJD01A6NRC_ci ---
 UN_ci_1854 tr|A5JP17|A5JP17_PAROL Cell division cycle 48 OS=Paralichthys olivaceus I
 UN_ci_2065 tr|C3KJR1|C3KJR1_ANOFI UPF0414 transmembrane protein C20orf30 homolog OS=
 UN_ci_117 ---
 UN_ci_5229 ---

GP8I43W03F83TU_ci ---
 UN_ci_2325 tr|A4FUL9|A4FUL9_DANRE Novel protein similar to H.sapiens C9orf64, chrom
 UN_ci_6086 tr|Q4RZW1|Q4RZW1_TETNG Chromosome 18 SCAF14786, whole genome shotgun seq
 GR6TTJD01BGHOK_ci ---
 UN_ci_8362 ---
 GPGRCD02GDSHG_ci ---
 UN_ci_5034 tr|Q4SK83|Q4SK83_TETNG Chromosome 13 SCAF14566, whole genome shotgun seq
 GR6TTJD01AIXQZ_ci ---
 GR6TTJD01AT5NM_ci tr|A2ARR7|A2ARR7_MOUSE Novel KRAB box and zinc finger, C2H2 type domain
 UN_ci_1300 tr|Q4S3C9|Q4S3C9_TETNG Chromosome 1 SCAF14751, whole genome shotgun sequ
 UN_ci_7008 tr|A9JRG4|A9JRG4_DANRE LOC563316 protein (Fragment) OS=Danio rerio GN=LOC
 GR6TTJD01B4MWW_ci ---
 UN_ci_1518 tr|Q5RIN6|Q5RIN6_DANRE Novel protein OS=Danio rerio GN=si:dkey-34f16.5 PI
 UN_ci_5759 tr|Q4RVC0|Q4RVC0_TETNG Chromosome 15 SCAF14992, whole genome shotgun seq
 UN_ci_8622 tr|Q32PU4|Q32PU4_DANRE Zgc:123207 OS=Danio rerio GN=zgc:123207 PE=2 SV=1
 GR6TTJD01AI90F_ci tr|Q8QHA7|Q8QHA7_DANRE Vacuolar-type H⁺ transporting ATPase subunit B1 O
 UN_ci_1526 ---
 UN_ci_4520 ---
 UN_ci_789 tr|Q4SNW5|Q4SNW5_TETNG Chromosome 15 SCAF14542, whole genome shotgun seq
 UN_ci_6985 tr|Q9PW25|Q9PW25_ORENI Pendulin OS=Oreochromis niloticus PE=2 SV=1
 GR6TTJD01AURX7_ci ---
 UN_ci_3341 ---
 UN_ci_4023 tr|C3KHL7|C3KHL7_ANOFI Ubiquitin carrier protein OS=Anoplopoma fimbria G
 UN_ci_8503 ---
 UN_ci_6862 ---
 UN_ci_1441 tr|Q4SDY7|Q4SDY7_TETNG Chromosome 13 SCAF14627, whole genome shotgun seq
 GPGRCD02G54TG_ci ---
 UN_ci_7392 tr|Q4RY82|Q4RY82_TETNG Chromosome 3 SCAF14978, whole genome shotgun sequ
 UN_ci_3287 tr|B0S5N1|B0S5N1_DANRE RuvB-like 2 (E. coli) OS=Danio rerio GN=ruvbl2 PE=2 SV=1
 GPGRCD02FTM04_ci ---
 UN_ci_2610 tr|Q4SJK1|Q4SJK1_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
 UN_ci_6169 tr|Q4SJW7|Q4SJW7_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 UN_ci_7883 ---
 UN_ci_7862 tr|C1BYB1|C1BYB1_ESOLU Transmembrane emp24 domain-containing protein 2 O
 UN_ci_6390 ---
 GR6TTJD01CD7FN_ci tr|Q4RWW0|Q4RWW0_TETNG Chromosome 15 SCAF14981, whole genome shotgun seq
 GR6TTJD01BC9ER_ci ---
 GPGRCD02GBQHZ_ci tr|Q4SCM2|Q4SCM2_TETNG Chromosome 12 SCAF14652, whole genome shotgun seq
 UN_ci_8046 tr|Q4RUY3|Q4RUY3_TETNG Chromosome 12 SCAF14993, whole genome shotgun seq
 UN_ci_7163 ---
 GPGRCD02FPMUI_ci tr|B5X1X6|B5X1X6_SALSA Stomatin-like protein 2 OS=Salmo salar GN=STML2 PI
 UN_ci_2090 ---
 UN_ci_5825 ---
 UN_ci_2501 tr|Q4SYT9|Q4SYT9_TETNG Chromosome 15 SCAF11954, whole genome shotgun seq
 GR6TTJD01A7TEQ_ci tr|Q4GXP5|Q4GXP5_9COLE Ribosomal protein S20e (Fragment) OS=Georissus sp.
 GR6TTJD01CA0BC_ci tr|B8A4Y8|B8A4Y8_DANRE Novel protein (Zgc:152873) (Fragment) OS=Danio rerio
 UN_ci_8704 tr|C1BK96|C1BK96_OSMO Iron-sulfur assembly protein IscA-like 2, mitochor
 UN_ci_3180 sp|P23338|GPT_CRIL0 UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylgl
 UN_ci_4483 tr|Q8JHI2|Q8JHI2_DANRE Vesicular integral-membrane protein VIP36-like pro
 GP8I43W03F3RRS_ci ---

UN_ci_3540 ---
 UN_ci_1146 ---
 GR6TTJD01AYGOQ_ci tr|Q4RVB0|Q4RVB0_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
 GPGRCDD02IDOHB_ci ---
 UN_ci_3848 tr|C3KK99|C3KK99_ANOFI Proteasome assembly chaperone 3 OS=Anoplopoma fimi
 UN_ci_872 ---
 UN_ci_424 tr|Q4SDL1|Q4SDL1_TETNG Chromosome 18 SCAF14637, whole genome shotgun sequ
 GR6TTJD01AQ4YP_ci tr|Q2KL20|Q2KL20_SINCH Ribosomal protein L6 (Fragment) OS=Siniperca chuatsi
 UN_ci_1959 ---
 GP8I43W03GFWV7_ci tr|A4D1T5|A4D1T5_HUMAN NADH dehydrogenase (Ubiquinone) 1 beta subcomplex,
 UN_ci_4413 ---
 UN_ci_4183 ---
 UN_ci_7675 ---
 UN_ci_5002 ---
 UN_ci_7325 tr|Q8AX96|Q8AX96_TAKRU Twist neighbor OS=Takifugu rubripes GN=Twistnb PE=1
 UN_ci_2105 ---
 UN_ci_63 tr|Q4RKZ4|Q4RKZ4_TETNG Chromosome 1 SCAF15025, whole genome shotgun sequ
 UN_ci_2959 tr|Q4RIM6|Q4RIM6_TETNG Chromosome 11 SCAF15043, whole genome shotgun sequ
 UN_ci_5473 ---
 UN_ci_8187 ---
 UN_ci_3226 ---
 UN_ci_6840 tr|C3KJJ1|C3KJJ1_ANOFI Eukaryotic translation initiation factor 3 subunit
 UN_ci_1709 ---
 UN_ci_6859 tr|B5X9B1|B5X9B1_SALSA Trans-2-enoyl-CoA reductase, mitochondrial OS=Salmo salar
 UN_ci_6939 tr|Q5EB36|Q5EB36_XENTR MGC97656 protein OS=Xenopus tropicalis GN=cops2 PE=1
 GR6TTJD01AXB80_ci tr|B4GMN3|B4GMN3_DROPE GL12416 OS=Drosophila persimilis GN=GL12416 PE=3
 UN_ci_4103 ---
 UN_ci_1112 tr|A0E2T3|A0E2T3_PSEMX ATPase H⁺ transporting V1 subunit F OS=Psetta maxima
 UN_ci_1878 ---
 GR6TTJD01A59LD_ci ---
 GR6TTJD01BV0G4_ci ---
 UN_ci_6505 tr|C3KK23|C3KK23_ANOFI Glycine cleavage system H protein, mitochondrial (C
 GPGRCDD02I4707_ci ---
 UN_ci_2823 tr|Q4T0J0|Q4T0J0_TETNG Chromosome undetermined SCAF10984, whole genome sl
 UN_ci_1126 ---
 GR6TTJD01APPCK_ci ---
 UN_ci_7339 tr|D6PVQ6|D6PVQ6_EPICO Mitochondrial ATP synthase lipid-binding protein (C
 UN_ci_7973 tr|B5X2Q6|B5X2Q6_SALSA Nucleophosmin OS=Salmo salar GN=NPM PE=2 SV=1
 UN_ci_2941 ---
 UN_ci_997 ---
 UN_ci_7706 ---
 GR6TTJD01AI77C_ci ---
 UN_ci_4093 tr|C3KH03|C3KH03_ANOFI Golgi SNAP receptor complex member 1 OS=Anoplopoma fimbria
 UN_ci_3433 ---
 UN_ci_3685 ---
 UN_ci_6141 tr|C7YSP6|C7YSP6_NEC7 Predicted protein OS=Nectria haematococca (strain ATCC 26455)
 UN_ci_2197 ---
 GP8I43W03FR69J_ci tr|Q4RDB7|Q4RDB7_TETNG Chromosome undetermined SCAF16913, whole genome sl
 UN_ci_3090 ---
 GR6TTJD01AYZQF_ci tr|B5LT76|B5LT76_9PERO MHC class II antigen beta chain (Fragment) OS=Arctomys

UN_ci_3522 ---
 UN_ci_2724 tr|Q4S6X3|Q4S6X3_TETNG Chromosome 14 SCAF14723, whole genome shotgun sequ
 UN_ci_8167 tr|C1BKV1|C1BKV1_OSMO ADP-ribosylation factor-like protein 1 OS=Osmerus
 UN_ci_7121 ---
 GR6TTJD01BTWG4_ci tr|Q8UWL4|Q8UWL4_TAKRU Ubiquitin-specific-protease-3-like protein (Fragme
 UN_ci_5433 tr|Q9FHI1|Q9FHI1_ARATH Genomic DNA, chromosome 5, P1 clone:MFC19 OS=Arab:
 UN_ci_1590 tr|C3KIS7|C3KIS7_ANOFI Mitochondrial fission 1 protein OS=Anoplopoma fimi
 UN_ci_1183 ---
 GR6TTJD01B916J_ci ---
 UN_ci_5505 ---
 UN_ci_3814 tr|Q4T337|Q4T337_TETNG Chromosome undetermined SCAF10125, whole genome sl
 GR6TTJD01BZ16E_ci ---
 GR6TTJD01AHKC2_ci ---
 UN_ci_8706 tr|Q4RHM0|Q4RHM0_TETNG Chromosome 19 SCAF15045, whole genome shotgun sequ
 UN_ci_3875 ---
 UN_ci_2780 ---
 UN_ci_2565 tr|Q4SBZ6|Q4SBZ6_TETNG Chromosome 14 SCAF14660, whole genome shotgun sequ
 GPGRCDD02GLFN1_ci ---
 UN_ci_1468 ---
 GR6TTJD01CC1NP_ci ---
 GR6TTJD01B4IJM_ci ---
 UN_ci_2454 ---
 GR6TTJD01B3K4U_ci tr|Q8QH07|Q8QH07_DANRE High affinity copper uptake protein OS=Danio rerio
 UN_ci_7717 ---
 UN_ci_2179 ---
 UN_ci_6318 tr|Q4RYI2|Q4RYI2_TETNG Chromosome 2 SCAF14976, whole genome shotgun sequ
 UN_ci_8411 tr|COHBH9|COHBH9_SALSA Jagunal homolog 1-A OS=Salmo salar GN=JGN1A PE=2 ;
 UN_ci_4552 tr|Q7T390|Q7T390_DANRE Glycoprotein, synaptic 2 OS=Danio rerio GN=tecrb l
 UN_ci_8788 tr|C3S171|C3S171_DANRE Glutathione peroxidase OS=Danio rerio GN=gpx4b PE=
 UN_ci_3739 tr|Q2M1K7|Q2M1K7_RAT Similar to chromosome 6 open reading frame 106 isofo
 GP8I43W03FNCS4_ci ---
 UN_ci_5306 tr|Q6Y203|Q6Y203_PAGMA Ribosomal protein L9 OS=Pagrus major PE=2 SV=1
 UN_ci_7638 tr|Q4S9I3|Q4S9I3_TETNG Acyl carrier protein (Fragment) OS=Tetraodon nigr
 UN_ci_5129 tr|Q4SQB0|Q4SQB0_TETNG Chromosome 4 SCAF14533, whole genome shotgun sequ
 UN_ci_5661 ---
 GPGRCDD02FRXSE_ci tr|Q5ZI80|Q5ZI80_CHICK Putative uncharacterized protein OS=Gallus gallus
 UN_ci_2653 ---
 UN_ci_5018 ---
 UN_ci_4900 ---
 GR6TTJD01AL9L7_ci ---
 GP8I43W03GZ3LU_ci ---
 UN_ci_4925 ---
 GR6TTJD01BV6IY_ci ---
 GPGRCDD02F40VA_ci ---
 GPGRCDD02I8GT6_ci ---
 UN_ci_6806 ---
 UN_ci_5918 ---
 UN_ci_1165 tr|COH9Z2|COH9Z2_SALSA Cell division cycle 5-like protein OS=Salmo salar
 UN_ci_8275 tr|B5DH25|B5DH25_SALSA 26S proteasome non-ATPase regulatory subunit 7 lil
 UN_ci_3282 tr|Q6Y243|Q6Y243_PAGMA Elongation factor 1-alpha OS=Pagrus major PE=2 SV=

UN_ci_353 ---
 GP8I43W03GGBLW_ci tr|Q4T3A2|Q4T3A2_TETNG Chromosome undetermined SCAF10107, whole genome sl
 UN_ci_3113 ---
 UN_ci_4360 ---
 UN_ci_1287 ---
 UN_ci_2889 tr|Q27HW9|Q27HW9_PSEMX Copper chaperone OS=Psetta maxima PE=4 SV=1
 GR6TTJD01B26Y1_ci tr|B1H1J0|B1H1J0_DANRE Zgc:172163 protein OS=Danio rerio GN=zgc:172163 PI
 UN_ci_331 tr|Q4T171|Q4T171_TETNG Aminomethyltransferase (Fragment) OS=Tetraodon ni
 UN_ci_6016 ---
 UN_ci_5983 tr|C1BKA8|C1BKA8_OSMMO DNA-directed RNA polymerase I 40 kDa polypeptide (
 GR6TTJD01A87I9_ci ---
 UN_ci_678 tr|C3KJG9|C3KJG9_ANOFI FAM82B OS=Anoplopoma fimbria GN=FA82B PE=2 SV=1
 UN_ci_4312 tr|C3KJP6|C3KJP6_ANOFI E3 SUMO-protein ligase NSE2 OS=Anoplopoma fimbria
 UN_ci_3768 tr|A5H1I3|A5H1I3_PAROL Chaperonin containing TCP1 subunit 6A (Fragment) (
 UN_ci_4 ---
 GR6TTJD01BT2T1_ci ---
 UN_ci_8041 tr|C3KH80|C3KH80_ANOFI Ran-specific GTPase-activating protein OS=Anoplo
 GPGRCD02IV7TO_ci ---
 GPGRCD02JLGKI_ci ---
 GP8I43W03F3UH9_ci ---
 UN_ci_914 ---
 UN_ci_2262 tr|C3KGX0|C3KGX0_ANOFI Heat shock factor-binding protein 1 OS=Anoplopoma
 UN_ci_7206 tr|Q4RFE0|Q4RFE0_TETNG Chromosome 8 SCAF15119, whole genome shotgun sequ
 UN_ci_2528 ---
 UN_ci_2141 ---
 GP8I43W03FV2MU_ci ---
 UN_ci_2198 ---
 GR6TTJD01AP4SZ_ci tr|Q4SDC8|Q4SDC8_TETNG Chromosome 1 SCAF14640, whole genome shotgun sequ
 GPGRCD02FM127_ci ---
 UN_ci_644 tr|B9USM4|B9USM4_9PERC 2-Cys peroxiredoxin 4 OS=Seriola lalandi GN=PRDX I
 UN_ci_1872 ---
 UN_ci_714 ---
 UN_ci_6342 ---
 UN_ci_1149 ---
 GR6TTJD01AMSLC_ci tr|Q4RQP3|Q4RQP3_TETNG Chromosome 2 SCAF15004, whole genome shotgun sequ
 UN_ci_7230 ---
 UN_ci_450 ---
 UN_ci_4414 ---
 GR6TTJD01AYJRT_ci ---
 UN_ci_2706 ---
 UN_ci_401 ---
 UN_ci_5441 ---
 GPGRCD02I1EHG_ci ---
 UN_ci_103 tr|C1BGU9|C1BGU9_ONCMY U3 small nucleolar ribonucleoprotein protein IMP3
 UN_ci_4402 tr|C1BH38|C1BH38_ONCMY Ribonuclease H1 OS=Oncorhynchus mykiss GN=RNH1 PE=
 UN_ci_4529 ---
 UN_ci_455 sp|Q5I0R6|RL22L_XENTR 60S ribosomal protein L22-like 1 OS=Xenopus tropica
 UN_ci_7941 tr|Q4SJ71|Q4SJ71_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
 UN_ci_2242 ---
 UN_ci_238 tr|Q4S032|Q4S032_TETNG Chromosome 21 SCAF14785, whole genome shotgun sequ

GP8I43W03G01N4_ci ---
 UN_ci_3878 ---
 UN_ci_1143 tr|Q4RMM9|Q4RMM9_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
 GR6TTJD01BEM7V_ci tr|BOUYS4|BOUYS4_DANRE Novel protein similar to vertebrate 2-deoxyribose-
 UN_ci_2185 ---
 UN_ci_2523 ---
 GR6TTJD01BS7M5_ci tr|Q5CZW0|Q5CZW0_DANRE Novel protein similar to vertebrate NADH dehydroge
 UN_ci_8569 tr|C3KIH2|C3KIH2_ANOFI Tumor suppressor candidate 2 OS=Anoplopoma fimbria
 GP8I43W03GCJ7F_ci ---
 GR6TTJD01B53MU_ci ---
 GP8I43W03G2RGY_ci ---
 GR6TTJD01BZ2R3_ci ---
 UN_ci_6769 ---
 UN_ci_6996 tr|B9EPL6|B9EPL6_SALSA Uridine kinase OS=Salmo salar GN=UCK2 PE=2 SV=1
 UN_ci_474 ---
 UN_ci_6010 ---
 UN_ci_4215 ---
 UN_ci_7630 sp|Q7SZQ4|MFFB_DANRE Mitochondrial fission factor homolog B OS=Danio rerio
 UN_ci_600 ---
 UN_ci_4596 tr|D2A3V6|D2A3V6_TRICA Putative uncharacterized protein GLEAN_15765 OS=Tr
 UN_ci_1419 ---
 UN_ci_4490 ---
 UN_ci_1466 tr|Q4SNZ4|Q4SNZ4_TETNG Chromosome 15 SCAF14542, whole genome shotgun sequ
 UN_ci_7104 ---
 GR6TTJD01BMHNY_ci tr|A2Q0S2|A2Q0S2_SOLSE Ribosomal protein S7 OS=Solea senegalensis GN=rpS
 UN_ci_4745 ---
 UN_ci_1687 tr|B8A4H5|B8A4H5_DANRE Novel protein similar to vertebrate exosome compo
 GP8I43W03F4UXB_ci ---
 UN_ci_1461 ---
 GR6TTJD01AWF29_ci sp|Q7SZK7|OFD1_DANRE Oral-facial-digital syndrome 1 protein homolog OS=D
 GP8I43W03GCWSC_ci ---
 UN_ci_6184 tr|B5XB55|B5XB55_SALSA Signal peptidase complex subunit 3 OS=Salmo salar
 UN_ci_1277 ---
 UN_ci_4493 tr|Q4RHA7|Q4RHA7_TETNG Chromosome 3 SCAF15050, whole genome shotgun sequ
 GR6TTJD01A1520_ci ---
 UN_ci_3063 ---
 GPGRCD02G7SQ9_ci ---
 GR6TTJD01ASBFW_ci tr|Q59EW8|Q59EW8_HUMAN Golgi autoantigen, golgin subfamily a, 4 variant
 GR6TTJD01BDJMT_ci ---
 UN_ci_8449 ---
 GPGRCD02IOBZ5_ci ---
 GPGRCD02GE01F_ci ---
 GR6TTJD01AYN5C_ci ---
 GR6TTJD01BAXDR_ci tr|Q4SYN8|Q4SYN8_TETNG Chromosome undetermined SCAF11998, whole genome sl
 UN_ci_4279 tr|Q4RPX8|Q4RPX8_TETNG Chromosome 17 SCAF15006, whole genome shotgun sequ
 UN_ci_4091 tr|Q4RHZ9|Q4RHZ9_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 UN_ci_5601 tr|COHA81|COHA81_SALSA FAM29A OS=Salmo salar GN=FA29A PE=2 SV=1
 UN_ci_254 ---
 UN_ci_8477 ---
 UN_ci_5994 tr|B8A652|B8A652_DANRE Novel protein similar to vertebrate F-box and leuc

GPGRCD02HKAKR_ci tr|Q4SBW6|Q4SBW6_TETNG Chromosome undetermined SCAF14663, whole genome sl
 GR6TTJD01AOMN4_ci ---
 UN_ci_7346 ---
 UN_ci_3102 tr|B5X203|B5X203_SALSA CREB/ATF bZIP transcription factor OS=Salmo salar
 UN_ci_6137 ---
 UN_ci_5815 ---
 UN_ci_5531 ---
 UN_ci_3597 tr|D1KY93|D1KY93_9CICH Oncogene DJ-1 OS=Maylandia sp. 'Kompakt Mbamba Bay
 GP8I43W03GY7DZ_ci ---
 UN_ci_4618 ---
 UN_ci_5760 ---
 UN_ci_5755 ---
 GR6TTJD01B88BY_ci ---
 UN_ci_7481 tr|B9EN90|B9EN90_SALSA Cytochrome c1, heme protein, mitochondrial OS=Salmo
 GP8I43W03G3YH0_ci ---
 UN_ci_3824 ---
 GPGRCD02F9JDY_ci ---
 GR6TTJD01BQLJZ_ci ---
 GP8I43W03GCHBB_ci ---
 UN_ci_3837 tr|A0EZU4|A0EZU4_PSEMX 40S ribosomal protein S11 OS=Psetta maxima PE=2 S
 GR6TTJD01BM4YD_ci tr|Q4SEP8|Q4SEP8_TETNG Chromosome 3 SCAF14614, whole genome shotgun sequ
 UN_ci_6136 ---
 UN_ci_75 ---
 UN_ci_362 tr|Q6VEJ7|Q6VEJ7_OREMO Receptor for activated protein kinase C OS=Oreochromis
 UN_ci_2906 ---
 GR6TTJD01BCQFK_ci ---
 UN_ci_5692 tr|C3KIN6|C3KIN6_ANOFI Translocator protein OS=Anoplopoma fimbria GN=TSPC
 UN_ci_2698 ---
 UN_ci_4072 ---
 GP8I43W03HB1H2_ci ---
 GR6TTJD01CATFY_ci ---
 UN_ci_7875 tr|B5X449|B5X449_SALSA Proteasome assembly chaperone 1 OS=Salmo salar GN=Salmo
 UN_ci_3342 tr|Q7ZUS8|Q7ZUS8_DANRE YTH domain family 2 OS=Danio rerio GN=yth2 PE=2 S
 UN_ci_6380 tr|Q4RKX5|Q4RKX5_TETNG Chromosome 1 SCAF15025, whole genome shotgun sequ
 UN_ci_3396 ---
 UN_ci_5673 tr|Q4S6F3|Q4S6F3_TETNG Chromosome 10 SCAF14728, whole genome shotgun sequ
 UN_ci_2854 ---
 GP8I43W03GJ8F5_ci ---
 GR6TTJD01AGGZN_ci ---
 UN_ci_8048 tr|Q8JI23|Q8JI23_ORYLA Choriogenin L (Fragment) OS=Oryzias latipes PE=4 S
 UN_ci_6973 ---
 UN_ci_6741 ---
 UN_ci_4858 tr|Q4TBK6|Q4TBK6_TETNG Chromosome undetermined SCAF7120, whole genome sh
 UN_ci_2818 tr|Q4T5F3|Q4T5F3_TETNG Chromosome undetermined SCAF9286, whole genome sh
 GP8I43W03FMIOD_ci ---
 GR6TTJD01BPYEN_ci ---
 UN_ci_4325 tr|Q4RUY4|Q4RUY4_TETNG Chromosome 12 SCAF14993, whole genome shotgun sequ
 UN_ci_7870 ---
 UN_ci_8708 tr|Q6PC77|Q6PC77_DANRE ATP synthase, H⁺ transporting, mitochondrial F0 c
 GP8I43W03GK0QC_ci tr|Q7T1J3|Q7T1J3_CHAAC Creatine kinase muscle isoform 1 OS=Chaenocephalus

UN_ci_5128 tr|Q4RPP1|Q4RPP1_TETNG Chromosome 12 SCAF15007, whole genome shotgun sequ
 UN_ci_1032 tr|Q4RG08|Q4RG08_TETNG Chromosome undetermined SCAF15107, whole genome sl
 GPGRCD02FOEG1_ci ---
 UN_ci_7045 ---
 GPGRCD02GZW1M_ci ---
 UN_ci_3967 ---
 UN_ci_2517 ---
 UN_ci_3670 ---
 UN_ci_2516 tr|C3KI11|C3KI11_ANOFI NADH dehydrogenase 1 alpha subcomplex subunit 1 OS=
 UN_ci_4959 tr|Q4SBH3|Q4SBH3_TETNG Chromosome 11 SCAF14674, whole genome shotgun sequ
 UN_ci_4208 tr|B5XGI6|B5XGI6_SALSA ARMET OS=Salmo salar GN=ARMET PE=2 SV=1
 GR6TTJD01B6RRQ_ci ---
 UN_ci_6617 ---
 UN_ci_781 tr|B8A5D3|B8A5D3_DANRE Novel protein similar to vertebrate asparaginyl-tl
 UN_ci_86 tr|C3KJR8|C3KJR8_ANOFI Cathepsin Z OS=Anoplopoma fimbria GN=CATZ PE=2 SV=
 UN_ci_4919 tr|Q6PFS4|Q6PFS4_DANRE Inner membrane protein, mitochondrial (Mitofilin)
 UN_ci_909 ---
 GPGRCD02JCNXQ_ci ---
 UN_ci_4639 ---
 UN_ci_4738 tr|C0H961|C0H961_SALSA Vacuolar protein sorting-associated protein 33A OS=
 UN_ci_6606 ---
 UN_ci_8688 tr|A0EZZ6|A0EZZ6_PSEMX 40S ribosomal protein S21 OS=Psetta maxima PE=4 SV=
 UN_ci_2425 ---
 UN_ci_3379 ---
 UN_ci_4718 tr|C3KID9|C3KID9_ANOFI NADH dehydrogenase iron-sulfur protein 7, mitochor
 UN_ci_8641 ---
 UN_ci_4914 ---
 UN_ci_4132 tr|C1BEL3|C1BEL3_ONCMY BclA-like protein 2 OS=Oncorhynchus mykiss GN=BOL/
 UN_ci_7894 tr|Q4RT32|Q4RT32_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 UN_ci_7130 ---
 UN_ci_2526 ---
 UN_ci_7233 ---
 UN_ci_3528 ---
 UN_ci_3037 ---
 GR6TTJD01AUMWJ_ci ---
 UN_ci_4015 ---
 GP8I43W03G05BD_ci ---
 GR6TTJD01A0JSC_ci ---
 UN_ci_8317 ---
 UN_ci_690 ---
 UN_ci_1330 tr|C3KIU9|C3KIU9_ANOFI Replication protein A 32 kDa subunit OS=Anoplopoma
 GPGRCD02JOGTU_ci ---
 UN_ci_8663 tr|Q4S562|Q4S562_TETNG Ubiquitin carboxyl-terminal hydrolase OS=Tetraodor
 GR6TTJD01CC5MU_ci ---
 UN_ci_7759 ---
 UN_ci_3186 tr|C3KK19|C3KK19_ANOFI Stathmin OS=Anoplopoma fimbria GN=STMN1 PE=2 SV=1
 UN_ci_8073 tr|Q4RS30|Q4RS30_TETNG Chromosome 7 SCAF15001, whole genome shotgun sequ
 GPGRCD02ICCA8_ci ---
 UN_ci_3493 ---
 UN_ci_8390 ---

UN_ci_298 ---
 UN_ci_4979 tr|C1BWH3|C1BWH3_ESOLU NEDD8 OS=Esox lucius GN=NEDD8 PE=4 SV=1
 UN_ci_3650 tr|COHAD5|COHAD5_SALSA Lysosome-associated membrane glycoprotein 2 OS=Salmonella enterica GN=COHAD5 PE=4 SV=1
 UN_ci_4812 ---
 GP8I43W03GMUET_ci ---
 UN_ci_3242 sp|Q6NY89|LSG1_DANRE Large subunit GTPase 1 homolog OS=Danio rerio GN=lsgr1 PE=4 SV=1
 UN_ci_3060 ---
 UN_ci_1392 ---
 UN_ci_4844 ---
 UN_ci_8353 tr|Q6PBP0|Q6PBP0_DANRE Cytochrome c oxidase, subunit VIIc OS=Danio rerio GN=Q6PBP0 PE=4 SV=1
 UN_ci_5027 tr|Q6TEP5|Q6TEP5_DANRE Hyaluronan-mediated motility receptor OS=Danio rerio GN=Q6TEP5 PE=4 SV=1
 UN_ci_6681 tr|C1BLD3|C1BLD3_OSMO BET1-like protein OS=Osmorus mordax GN=BET1L PE=4 SV=1
 UN_ci_3169 ---
 UN_ci_6203 ---
 GP8I43W03GBQ1T_ci ---
 GR6TTJD01A4YCO_ci ---
 UN_ci_5575 ---
 GPGRCD02ISW3G_ci ---
 UN_ci_520 ---
 UN_ci_5463 ---
 UN_ci_1798 ---
 UN_ci_4673 ---
 UN_ci_6275 ---
 UN_ci_4614 ---
 UN_ci_4996 ---
 UN_ci_7334 ---
 UN_ci_6067 ---
 UN_ci_7915 ---
 UN_ci_6667 ---
 UN_ci_4391 ---
 GR6TTJD01AOR8W_ci ---
 UN_ci_396 tr|A5PLC6|A5PLC6_DANRE Si:dkey-216e9.4 protein OS=Danio rerio GN=si:dkey-216e9.4 PE=4 SV=1
 UN_ci_1210 ---
 GPGRCD02GEF2Y_ci ---
 UN_ci_1814 ---
 UN_ci_2612 ---
 UN_ci_8628 tr|Q9YH96|Q9YH96_TAKRU Spermine synthase OS=Takifugu rubripes PE=3 SV=1
 GR6TTJD01A00CF_ci ---
 UN_ci_8596 tr|A8JJG4|A8JJG4_CHLRE Predicted protein OS=Chlamydomonas reinhardtii GN=A8JJG4 PE=4 SV=1
 UN_ci_6341 tr|Q08BG5|Q08BG5_DANRE Ahnak protein (Fragment) OS=Danio rerio GN=ahnak1 PE=4 SV=1
 UN_ci_2177 ---
 UN_ci_7979 ---
 UN_ci_6666 tr|D9IQM9|D9IQM9_LARCR Rab protein OS=Larimichthys crocea PE=2 SV=1
 UN_ci_6358 ---
 UN_ci_6357 tr|Q4RJY4|Q4RJY4_TETNG Chromosome 9 SCAF15033, whole genome shotgun sequence OS=Tetraodon lineatus GN=Q4RJY4 PE=4 SV=1
 GP8I43W03G2HRO_ci tr|Q5ZK70|Q5ZK70_CHICK Putative uncharacterized protein OS=Gallus gallus GN=Q5ZK70 PE=4 SV=1
 UN_ci_6499 ---
 GR6TTJD01AIZ4X_ci ---
 UN_ci_7011 ---
 GPGRCD02HB6WS_ci ---

UN_ci_4955 ---
 GP8I43W03G1RDW_ci ---
 GPGRCDD02HA3VZ_ci tr|Q4RM60|Q4RM60_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
 UN_ci_324 ---
 GR6TTJD01BB6S4_ci ---
 GR6TTJD01BUVT4_ci tr|A5PLG9|A5PLG9_DANRE Als2cr4 protein (Fragment) OS=Danio rerio GN=als2c
 GR6TTJD01AGMB8_ci ---
 GPGRCDD02IVRXU_ci ---
 GP8I43W03GZH2U_ci tr|Q4TBV5|Q4TBV5_TETNG Chromosome undetermined SCAF7089, whole genome sh
 UN_ci_459 ---
 UN_ci_6001 tr|Q4TOS8|Q4TOS8_TETNG Chromosome undetermined SCAF10875, whole genome sl
 UN_ci_7393 ---
 UN_ci_7196 ---
 UN_ci_7902 ---
 UN_ci_6246 ---
 UN_ci_7736 tr|C1BK85|C1BK85_OSMMO ATPase inhibitor, mitochondrial OS=Osmerus mordax
 GPGRCDD02JXPNF_ci ---
 UN_ci_2199 ---
 UN_ci_2258 ---
 UN_ci_4568 ---
 GP8I43W03G95YE_ci ---
 UN_ci_7599 tr|D6R730|D6R730_HYPMO Photomorphogenic subunit 3-like protein (Fragment)
 GPGRCDD02FWK3R_ci ---
 UN_ci_4353 tr|C3KHZ2|C3KHZ2_ANOFI Mitochondrial 28S ribosomal protein S21 OS=Anoplo
 UN_ci_1332 ---
 UN_ci_7720 tr|C3UVG8|C3UVG8_9TELE Zona pellucida (Fragment) OS=Hypomesus transpacif
 UN_ci_495 tr|Q4RSX1|Q4RSX1_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 GR6TTJD01CEVNL_ci ---
 UN_ci_6145 ---
 UN_ci_1381 tr|Q4SR60|Q4SR60_TETNG Chromosome 11 SCAF14528, whole genome shotgun sequ
 UN_ci_7122 ---
 UN_ci_6713 tr|B1H1H0|B1H1H0_DANRE Putative uncharacterized protein (Fragment) OS=Da
 UN_ci_1707 tr|B5X586|B5X586_SALSA NADH dehydrogenase iron-sulfur protein 6, mitochoi
 GP8I43W03F11BP_ci ---
 UN_ci_7969 sp|Q8N5B7|LASS5_HUMAN LAG1 longevity assurance homolog 5 OS=Homo sapiens
 UN_ci_4793 ---
 UN_ci_5973 tr|C3KJS9|C3KJS9_ANOFI Thymidine kinase 2, mitochondrial OS=Anoplopoma f
 GR6TTJD01CA4M1_ci ---
 UN_ci_8020 ---
 UN_ci_1579 ---
 UN_ci_2731 tr|Q4RT74|Q4RT74_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 GP8I43W03HCAAQ_ci ---
 GR6TTJD01CCD1J_ci ---
 UN_ci_1207 ---
 UN_ci_2755 ---
 UN_ci_7437 tr|DOUGE3|DOUGE3_SALSA AAA domain containing 2 isoform CRA_a OS=Salmo sa
 GPGRCDD02IYHTN_ci ---
 UN_ci_6027 tr|C1BYE7|C1BYE7_ESOLU UPF0527 membrane protein OS=Esox lucius GN=U527 PI
 GR6TTJD01BBMJ0_ci ---
 UN_ci_5338 tr|Q4SST4|Q4SST4_TETNG Chromosome undetermined SCAF14347, whole genome sl

GR6TTJD01AGHTF_ci	sp 014678 ABCD4_HUMAN ATP-binding cassette sub-family D member 4 OS=Homo
UN_ci_1102	tr A5WURO A5WURO_DANRE Novel protein (Zgc:86860) OS=Danio rerio GN=cdc40
GR6TTJD01AHF0Z_ci	---
UN_ci_4004	---
UN_ci_5330	---
UN_ci_7756	---
GPGRCD02JOH6W_ci	---
UN_ci_6757	tr Q4RLF8 Q4RLF8_TETNG Chromosome undetermined SCAF15021, whole genome sl
UN_ci_8165	tr B9V305 B9V305_EPICO 40S ribosomal protein S19 (Fragment) OS=Epinepheli
GPGRCD02G4VVC_ci	---
UN_ci_8109	---
GR6TTJD01AKYBK_ci	---
UN_ci_6538	---
UN_ci_8077	tr Q4RNS4 Q4RNS4_TETNG Chromosome 2 SCAF15010, whole genome shotgun sequ
UN_ci_5563	---
UN_ci_1025	---
GR6TTJD01A9ZL8_ci	---
UN_ci_7038	tr Q4RST6 Q4RST6_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
GR6TTJD01B8AXJ_ci	---
GPGRCD02IB5BD_ci	---
UN_ci_5614	tr COHBQ9 COHBQ9_SALSA Ubiquitin carrier protein OS=Salmo salar GN=UBE2F
GPGRCD02IKXRI_ci	---
UN_ci_4450	---
UN_ci_974	tr Q1RM30 Q1RM30_DANRE Dnl2 protein (Fragment) OS=Danio rerio GN=dnl2 PE=
GPGRCD02IU3JD_ci	---
UN_ci_6103	tr Q4T1H5 Q4T1H5_TETNG Chromosome undetermined SCAF10576, whole genome sl
UN_ci_3781	---
UN_ci_6055	---
UN_ci_7199	---
UN_ci_1841	---
UN_ci_342	---
UN_ci_3364	---
GPGRCD02IRK6V_ci	tr B9V306 B9V306_EPICO 40S ribosomal protein S4 (Fragment) OS=Epinephelu:
UN_ci_5888	---
UN_ci_8	tr C1BL73 C1BL73_OSMMO Charged multivesicular body protein 3 OS=Osmorus r
GP8I43W03GM25P_ci	---
UN_ci_930	tr B9EQ06 B9EQ06_SALSA Glycogenin-1 OS=Salmo salar GN=GLYG PE=2 SV=1
UN_ci_1942	---
UN_ci_8245	tr C3KHK1 C3KHK1_ANOFI Eukaryotic translation initiation factor 1A, X-chi
GR6TTJD01B4ULT_ci	---
GR6TTJD01ANBLK_ci	sp Q9IA78 T2AG_PAROL Transcription initiation factor IIA subunit 2 OS=Pa
UN_ci_4798	---
UN_ci_4897	---
GR6TTJD01CEOYD_ci	---
UN_ci_5801	tr C1BLV5 C1BLV5_OSMMO Mitochondrial carnitine/acylcarnitine carrier prot
GR6TTJD01AVECI_ci	sp B5XCA1 KAD2_SALSA Adenylate kinase 2, mitochondrial OS=Salmo salar GN=
UN_ci_4164	sp Q6TH15 EIF3D_DANRE Eukaryotic translation initiation factor 3 subunit
UN_ci_1335	---
UN_ci_8083	---
UN_ci_5849	tr C3KIN7 C3KIN7_ANOFI NADH dehydrogenase 1 beta subcomplex subunit 8, m

UN_ci_4171 tr|COH7V6|COH7V6_SALSA Kinase-like protein SgK196 OS=Salmo salar GN=SG196
 UN_ci_315 ---
 GPGRCD02HXQDR_ci ---
 UN_ci_1572 tr|B5XCM5|B5XCM5_SALSA WW domain-binding protein 2 OS=Salmo salar GN=WBP2
 UN_ci_4157 tr|C3KJE5|C3KJE5_ANOFI Nuclear protein Hcc-1 OS=Anoplopoma fimbria GN=HCC1
 GR6TTJD01AZH1E_ci ---
 GR6TTJD01B1HL2_ci ---
 UN_ci_7922 tr|Q7T2C6|Q7T2C6_DANRE RAB7, member RAS oncogene family OS=Danio rerio GN=RAB7
 GR6TTJD01BK1I3_ci ---
 GR6TTJD01AYVLC_ci tr|Q4RLV1|Q4RLV1_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequence
 GPGRCD02IQ2KY_ci tr|Q6DDH5|Q6DDH5_XENLA K14 protein OS=Xenopus laevis GN=paxipl PE=2 SV=1
 GR6TTJD01AUP0S_ci ---
 UN_ci_6917 ---
 GR6TTJD01BOUGN_ci ---
 UN_ci_3674 tr|Q4S5H9|Q4S5H9_TETNG Chromosome 3 SCAF14730, whole genome shotgun sequence
 UN_ci_5694 ---
 UN_ci_6756 ---
 UN_ci_7954 tr|C3KIH3|C3KIH3_ANOFI Multisynthetase complex auxiliary component p43 OS=Salmo salar
 UN_ci_4674 sp|Q0P3U3|EXD1_DANRE Exonuclease 3'-5' domain-containing protein 1 OS=Danio rerio
 UN_ci_903 ---
 UN_ci_901 ---
 UN_ci_7212 tr|Q4RKS8|Q4RKS8_TETNG Chromosome 5 SCAF15026, whole genome shotgun sequence
 GR6TTJD01CE5Z5_ci ---
 UN_ci_5898 ---
 UN_ci_4434 tr|Q4RHC2|Q4RHC2_TETNG DNA-directed RNA polymerase subunit (Fragment) OS=Danio rerio
 UN_ci_2865 tr|Q4SN72|Q4SN72_TETNG Ubiquitin carrier protein (Fragment) OS=Tetraodon lineatus
 GP8I43W03GEM9B_ci ---
 UN_ci_6323 tr|B5X5B6|B5X5B6_SALSA CutA homolog OS=Salmo salar GN=CUTA PE=2 SV=1
 GPGRCD02IBOC6_ci ---
 UN_ci_7587 tr|Q6DGD9|Q6DGD9_DANRE Trafficking protein particle complex 1 OS=Danio rerio
 UN_ci_8769 tr|Q4RWC3|Q4RWC3_TETNG Chromosome 2 SCAF14990, whole genome shotgun sequence
 GPGRCD02JXKWW_ci ---
 GPGRCD02HCYME_ci ---
 GP8I43W03G1EJZ_ci ---
 UN_ci_6836 ---
 UN_ci_1312 sp|Q8TCS8|PNPT1_HUMAN Polyribonucleotide nucleotidyltransferase 1, mitochondrial
 GPGRCD02HKFKD_ci ---
 GR6TTJD01B7QYB_ci ---
 GPGRCD02ICLUO_ci ---
 UN_ci_1867 ---
 UN_ci_7211 ---
 GP8I43W03HCDHW_ci tr|C1BW70|C1BW70_ESOLU 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
 UN_ci_1462 ---
 GPGRCD02HBUC7_ci ---
 UN_ci_3496 ---
 UN_ci_6977 ---
 UN_ci_3030 ---
 UN_ci_8758 ---
 GPGRCD02IH13Z_ci ---
 GR6TTJD01BRJ9Q_ci ---

UN_ci_148 ----
 GPGRCD02F3U4N_ci ----
 GR6TTJD01CCN4E_ci ----
 GP8I43W03GWUI0_ci tr|B5X2R5|B5X2R5_SALSA Coiled-coil domain-containing protein 104 OS=Salm
 GR6TTJD01AH6E3_ci ----
 UN_ci_3330 ----
 UN_ci_6497 ----
 UN_ci_550 tr|A8KBI6|A8KBI6_DANRE Ggnbp2 protein OS=Danio rerio GN=ggnbp2 PE=2 SV=1
 GP8I43W03G1HKA_ci ----
 UN_ci_3611 tr|C1BWF2|C1BWF2_ESOLU C2orf64 homolog OS=Esox lucius GN=CB064 PE=4 SV=1
 GR6TTJD01B8EDX_ci ----
 UN_ci_1786 ----
 GPGRCD02HBUSR_ci ----
 UN_ci_721 sp|Q6NRJ7|MCS1B_XENLA Malignant T cell-amplified sequence 1-B OS=Xenopus
 UN_ci_7983 tr|C3KIV4|C3KIV4_ANOFI FAM60A OS=Anoplopoma fimbria GN=FA60A PE=2 SV=1
 UN_ci_2389 ----
 UN_ci_1079 ----
 UN_ci_8259 ----
 UN_ci_8043 ----
 UN_ci_7822 sp|Q4QY71|RSSA_SPAAU 40S ribosomal protein SA OS=Sparus aurata GN=rpsa PI
 GR6TTJD01AS33P_ci ----
 UN_ci_648 ----
 GPGRCD02H7PNB_ci ----
 UN_ci_560 ----
 UN_ci_540 tr|B5XCF3|B5XCF3_SALSA DNA-directed RNA polymerases I and III subunit RP/
 UN_ci_8075 ----
 UN_ci_8485 ----
 GR6TTJD01B125F_ci ----
 GR6TTJD01AX0ZX_ci tr|Q4V8Z6|Q4V8Z6_DANRE SEC62 homolog (S. cerevisiae) OS=Danio rerio GN=se
 UN_ci_8322 sp|Q202I6|TCTP_PSEMX Translationally-controlled tumor protein homolog OS=
 UN_ci_5655 ----
 UN_ci_1840 ----
 UN_ci_4993 tr|C3KHX1|C3KHX1_ANOFI 26S protease regulatory subunit 8 OS=Anoplopoma f
 UN_ci_6676 ----
 UN_ci_1290 tr|D4ADG4|D4ADG4_RAT MutL homolog 3 (E. coli) (Predicted), isoform CRA a
 UN_ci_1263 tr|Q49A72|Q49A72_HUMAN DNAJB6 protein OS=Homo sapiens GN=DNAJB6 PE=2 SV=
 GR6TTJD01B21VV_ci ----
 GR6TTJD01BOMUI_ci ----
 UN_ci_2423 ----
 GR6TTJD01BLVE8_ci ----
 UN_ci_6685 ----
 UN_ci_8433 tr|Q3B8F0|Q3B8F0_XENLA MGC131240 protein OS=Xenopus laevis GN=edf1 PE=2
 UN_ci_3776 tr|Q7ZWB1|Q7ZWB1_DANRE Cyclin-dependent kinase 2 OS=Danio rerio GN=cdk2 I
 GR6TTJD01BT9SX_ci ----
 UN_ci_8506 ----
 GR6TTJD01BLJA9_ci tr|Q92068|Q92068_CHICK Histone H3 OS=Gallus gallus PE=3 SV=1
 UN_ci_7190 ----
 UN_ci_4516 ----
 GPGRCD02JDXHE_ci ----
 UN_ci_4473 ----

GPGRCD02IZZI6_ci ---
 GR6TTJD01BLSRJ_ci ---
 GPGRCD02FYCQM_ci ---
 UN_ci_7043 ---
 UN_ci_7908 tr|C1BJH9|C1BJH9_OSMO ADP/ATP translocase 2 OS=Osmerus mordax GN=ADT2 PI
 UN_ci_6433 tr|Q4S823|Q4S823_TETNG Peptidyl-prolyl cis-trans isomerase (Fragment) OS=
 UN_ci_5220 tr|B9EPQ9|B9EPQ9_SALSA Polyamine-modulated factor 1 OS=Salmo salar GN=PMI
 UN_ci_979 ---
 UN_ci_8042 ---
 GR6TTJD01A2DGJ_ci ---
 UN_ci_6729 ---
 GR6TTJD01BSWL1_ci ---
 UN_ci_8313 tr|B9ELS4|B9ELS4_SALSA Transmembrane protein 188 OS=Salmo salar GN=TM188
 UN_ci_3589 tr|Q4RZZ7|Q4RZZ7_TETNG Chromosome 18 SCAF14786, whole genome shotgun sequ
 UN_ci_2625 tr|Q6NZZ2|Q6NZZ2_DANRE Actin related protein 2/3 complex, subunit 4 OS=D
 UN_ci_7958 ---
 UN_ci_8696 tr|C1BJ04|C1BJ04_OSMO DNA-directed RNA polymerase II 16 kDa polypeptide
 UN_ci_6299 tr|Q4SN09|Q4SN09_TETNG Chromosome 6 SCAF14544, whole genome shotgun sequ
 GR6TTJD01B8XY5_ci ---
 GR6TTJD01BIR6B_ci ---
 UN_ci_57 ---
 GPGRCD02I8HYQ_ci tr|Q4S4X5|Q4S4X5_TETNG Chromosome 6 SCAF14737, whole genome shotgun sequ
 UN_ci_2481 tr|Q4SD23|Q4SD23_TETNG Chromosome 14 SCAF14645, whole genome shotgun sequ
 UN_ci_5513 tr|C1BKJ6|C1BKJ6_OSMO WD repeat protein 57 OS=Osmerus mordax GN=WDR57 PI
 UN_ci_5401 ---
 UN_ci_5095 ---
 UN_ci_6501 ---
 UN_ci_2965 tr|B5XDK5|B5XDK5_SALSA Gem-associated protein 6 OS=Salmo salar GN=GEMI6 I
 UN_ci_2339 ---
 UN_ci_358 sp|Q5BJC4|CH033_DANRE UPF0488 protein C8orf33 homolog OS=Danio rerio GN=
 UN_ci_7730 tr|Q4SH17|Q4SH17_TETNG Chromosome 8 SCAF14587, whole genome shotgun sequ
 UN_ci_6993 tr|Q7T3G6|Q7T3G6_DANRE MYC induced nuclear antigen-like OS=Danio rerio G
 UN_ci_5379 ---
 UN_ci_5939 tr|Q6DRC1|Q6DRC1_DANRE Small nuclear ribonucleoprotein F OS=Danio rerio (
 UN_ci_2278 ---
 UN_ci_5097 ---
 GR6TTJD01AQDJ4_ci ---
 UN_ci_484 ---
 UN_ci_3966 ---
 UN_ci_246 tr|C1BZR2|C1BZR2_ESOLU Cytochrome c oxidase polypeptide VIII-heart, mito
 UN_ci_5721 ---
 UN_ci_188 tr|Q803C2|Q803C2_DANRE Transmembrane protein 33 OS=Danio rerio GN=tmem33
 GR6TTJD01BARH3_ci sp|A1L1C7|PAN3_XENTR PAB-dependent poly(A)-specific ribonuclease subunit
 GP8I43W03FSSSA_ci ---
 UN_ci_5076 tr|Q71SZ2|Q71SZ2_9SCOM Cytochrome c oxidase subunit Va OS=Scombridae gen.
 UN_ci_6885 tr|Q8VDN7|Q8VDN7_MOUSE Bptf protein (Fragment) OS=Mus musculus GN=Bptf PI
 GR6TTJD01AT7KE_ci sp|C1BK83|SEH1_OSMO Nucleoporin sehl1 OS=Osmerus mordax GN=sehl1 PE=2 SV=
 GR6TTJD01ASU4Y_ci ---
 GR6TTJD01BYERJ_ci ---
 UN_ci_7760 tr|Q4RM42|Q4RM42_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ

UN_ci_2696	tr Q9DFT6 Q9DFT6_9PERC Beta tubulin OS=Notothenia coriiceps PE=2 SV=1
GP8I43W03G9XT4_ci	---
UN_ci_6125	---
UN_ci_5048	---
UN_ci_6708	---
UN_ci_4094	sp Q9NUJ7 PLCX1_HUMAN PI-PLC X domain-containing protein 1 OS=Homo sapiens
UN_ci_406	tr B5X2Z6 B5X2Z6_SALSA RAD51-associated protein 1 OS=Salmo salar GN=R51A1
GPGRCD02G57X8_ci	---
UN_ci_501	---
UN_ci_3603	tr Q4SHU3 Q4SHU3_TETNG Integrin beta (Fragment) OS=Tetraodon nigroviridis
UN_ci_2864	tr Q4T6P4 Q4T6P4_TETNG Chromosome undetermined SCAF8682, whole genome shotgun sequence
GR6TTJD01ATRQK_ci	sp Q5ZMV7 WDR82_CHICK WD repeat-containing protein 82 OS=Gallus gallus GN=WDR82
UN_ci_3047	tr Q4RRE0 Q4RRE0_TETNG Chromosome 16 SCAF15002, whole genome shotgun sequence
UN_ci_7445	tr Q4SLR1 Q4SLR1_TETNG Ubiquitin carboxyl-terminal hydrolase OS=Tetraodon lineatus
GR6TTJD01B8X8H_ci	---
UN_ci_7330	---
UN_ci_948	---
UN_ci_6554	---
GP8I43W03HBH53_ci	---
UN_ci_1944	tr B5X187 B5X187_SALSA Small VCP/p97-interacting protein OS=Salmo salar (Atlantic salmon)
UN_ci_3238	tr Q6TNU6 Q6TNU6_DANRE Dihydrolipoyl dehydrogenase OS=Danio rerio GN=dldh
GR6TTJD01B75SN_ci	---
UN_ci_1103	---
UN_ci_5537	tr A5JSV4 A5JSV4_PAROL Cellular tumor antigen p53 OS=Paralichthys olivaceus
GR6TTJD01AP53P_ci	---
UN_ci_3594	---
UN_ci_3615	tr C1BWH8 C1BWH8_ESOLU Enhancer of yellow 2 transcription factor homolog
UN_ci_8131	---
UN_ci_1973	tr Q4SCV7 Q4SCV7_TETNG Chromosome 14 SCAF14647, whole genome shotgun sequence
UN_ci_7402	tr Q6VQB0 Q6VQB0_TAKRU Selenocysteine tRNA activating factor OS=Takifugu rubripes
UN_ci_7697	tr Q6TEL5 Q6TEL5_DANRE Cullin 3 OS=Danio rerio GN=cul3a PE=2 SV=1
UN_ci_8061	tr Q8QFS3 Q8QFS3_TETNG H01CJC protein OS=Tetraodon nigroviridis GN=H01CJC
UN_ci_3340	tr Q4S350 Q4S350_TETNG Chromosome 4 SCAF14752, whole genome shotgun sequence
GR6TTJD01BAXFG_ci	---
GR6TTJD01A9NQF_ci	---
GR6TTJD01BC4XC_ci	---
UN_ci_811	tr Q4RTH7 Q4RTH7_TETNG Chromosome 1 SCAF14998, whole genome shotgun sequence
UN_ci_2624	---
UN_ci_7785	tr B6YZ85 B6YZ85_THUTO Vasa OS=Thunnus thynnus orientalis PE=2 SV=1
UN_ci_5315	tr Q4S9E2 Q4S9E2_TETNG Chromosome undetermined SCAF14699, whole genome shotgun sequence
GPGRCD02HTQ34_ci	---
UN_ci_2635	---
UN_ci_4110	---
UN_ci_7473	---
UN_ci_2308	tr Q4SI02 Q4SI02_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequence
UN_ci_7530	---
UN_ci_3070	---
UN_ci_7023	tr C1BIR6 C1BIR6_OSMO UPF0293 protein YOR006C OS=Osmerus mordax GN=Y0006
UN_ci_6179	---
UN_ci_7535	---

UN_ci_4537	---
GPGRCD02HOB2R_ci	---
GR6TTJD01B9UHR_ci	---
UN_ci_8488	---
GPGRCD02IORLR_ci	tr Q6P114 Q6P114_DANRE Staufen, RNA binding protein, homolog 1 (Drosophi
UN_ci_1706	---
GR6TTJD01BGQSW_ci	tr Q4ST95 Q4ST95_TETNG Chromosome undetermined SCAF14260, whole genome sl
UN_ci_2383	---
UN_ci_7328	---
UN_ci_2023	---
UN_ci_6211	tr Q4TCR4 Q4TCR4_TETNG Chromosome undetermined SCAF6754, whole genome sh
UN_ci_815	---
UN_ci_3011	---
GR6TTJD01CCH22_ci	---
UN_ci_1358	---
GR6TTJD01BXDM1_ci	tr B5X7R3 B5X7R3_SALSA Ribosomal protein L19 OS=Salmo salar GN=RL19 PE=2
GR6TTJD01A01Y3_ci	tr Q4REN2 Q4REN2_TETNG Chromosome 10 SCAF15123, whole genome shotgun seq
UN_ci_6867	tr Q504G9 Q504G9_DANRE Wu:fi25h02 protein (Fragment) OS=Danio rerio GN=wi
UN_ci_3799	---
UN_ci_2749	---
GP8I43W03FR217_ci	---
UN_ci_6753	---
UN_ci_2373	tr B5X2G7 B5X2G7_SALSA 28S ribosomal protein S31, mitochondrial OS=Salmo
UN_ci_2411	---
UN_ci_1621	---
UN_ci_3677	tr Q4RSM3 Q4RSM3_TETNG Chromosome 12 SCAF14999, whole genome shotgun seq
UN_ci_1648	---
UN_ci_7810	---
GP8I43W03FNITH_ci	---
GR6TTJD01AG2MA_ci	---
UN_ci_3241	tr C1BG20 C1BG20_ONCMY RING-box protein 2 OS=Oncorhynchus mykiss GN=RBX2
GP8I43W03HAVHW_ci	---
GR6TTJD01AMY5M_ci	---
GPGRCD02GW4TA_ci	---
UN_ci_5950	---
GR6TTJD01BHYTA_ci	---
UN_ci_3092	tr Q4SDN6 Q4SDN6_TETNG Chromosome 10 SCAF14634, whole genome shotgun seq
GR6TTJD01AL1GB_ci	---
UN_ci_145	---
UN_ci_4940	---
GP8I43W03F1C2N_ci	tr COH9P8 COH9P8_SALSA Peptide-N4-N-acetyl-beta-D-glucosaminylasparagine
UN_ci_7347	tr A4IHP5 A4IHP5_XENTR Sec61b protein OS=Xenopus tropicalis GN=sec61b PE=
UN_ci_1946	---
UN_ci_3194	---
UN_ci_4209	tr B5X5W3 B5X5W3_SALSA Down syndrome critical region protein 3 homolog O
UN_ci_3726	tr Q4SZN8 Q4SZN8_TETNG Chromosome undetermined SCAF11566, whole genome sl
GR6TTJD01ALQVM_ci	---
GPGRCD02GFXAO_ci	tr Q4RN33 Q4RN33_TETNG Chromosome undetermined SCAF15016, whole genome sl
GR6TTJD01A15R9_ci	---
GR6TTJD01A07TB_ci	---

UN_ci_8684 ---
 UN_ci_7443 tr|Q4SN51|Q4SN51_TETNG Chromosome 8 SCAF14543, whole genome shotgun sequ
 UN_ci_2484 ---
 UN_ci_7523 tr|B7ZVB3|B7ZVB3_DANRE Si:ch211-51e12.4 protein OS=Danio rerio GN=si:ch2
 UN_ci_2778 ---
 UN_ci_5536 tr|Q4S231|Q4S231_TETNG Chromosome undetermined SCAF14764, whole genome sl
 UN_ci_3820 ---
 UN_ci_5822 tr|C8CIE4|C8CIE4_SCOJP Vasa OS=Scomber japonicus PE=2 SV=1
 GR6TTJD01CMBX_ci ---
 UN_ci_2990 ---
 UN_ci_2143 ---
 UN_ci_2235 tr|Q4SGW1|Q4SGW1_TETNG Proteasome subunit alpha type (Fragment) OS=Tetrac
 UN_ci_6392 tr|B5XAR1|B5XAR1_SALSA Peptidyl-prolyl cis-trans isomerase OS=Salmo salar
 UN_ci_552 ---
 UN_ci_8213 tr|Q6PH42|Q6PH42_DANRE Ubiquitin carrier protein (Fragment) OS=Danio rer
 UN_ci_5651 ---
 UN_ci_6954 ---
 UN_ci_8425 tr|C3KJ52|C3KJ52_ANOFI CD2 antigen cytoplasmic tail-binding protein 2 OS=
 UN_ci_8086 ---
 UN_ci_5884 ---
 UN_ci_4572 ---
 UN_ci_6171 ---
 GP8I43W03FVPRG_ci tr|Q9W760|Q9W760_XENLA Small Rho-like GTPase RhoA OS=Xenopus laevis GN=RI
 UN_ci_4488 tr|B5X7K9|B5X7K9_SALSA Isoamyl acetate-hydrolyzing esterase 1 homolog OS=
 UN_ci_6119 tr|C3KJV1|C3KJV1_ANOFI 39S ribosomal protein L51, mitochondrial OS=Anoplo
 UN_ci_4945 ---
 UN_ci_7352 ---
 UN_ci_2982 ---
 UN_ci_1844 tr|C1BG03|C1BG03_ONCMY LYR motif-containing protein 2 OS=Oncorhynchus myl
 UN_ci_4020 tr|A0EZT6|A0EZT6_PSEMX 60S ribosomal protein L27 OS=Psetta maxima PE=2 SV
 UN_ci_8106 tr|C3KI82|C3KI82_ANOFI Transmembrane protein 50A OS=Anoplopoma fimbria Gl
 UN_ci_1960 ---
 UN_ci_1669 tr|Q71SZ0|Q71SZ0_9SCOM Cytochrome c oxidase subunit VIb OS=Scombridae ger
 UN_ci_1574 ---
 GR6TTJD01B3IAZ_ci ---
 GR6TTJD01A8EAN_ci ---
 UN_ci_687 ---
 UN_ci_6513 tr|C3KHF2|C3KHF2_ANOFI Ubiquitin-like protein 4A OS=Anoplopoma fimbria Gl
 UN_ci_6215 tr|C3KHU7|C3KHU7_ANOFI Methionine aminopeptidase OS=Anoplopoma fimbria Gl
 UN_ci_8737 tr|Q4RK30|Q4RK30_TETNG Chromosome 9 SCAF15033, whole genome shotgun sequ
 UN_ci_6259 tr|C3KHS8|C3KHS8_ANOFI Trafficking protein particle complex subunit 3 OS=
 UN_ci_6116 ---
 UN_ci_7961 tr|Q4SHZ3|Q4SHZ3_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_5518 ---
 UN_ci_576 ---
 GPGRCD02JEWY8_ci ---
 UN_ci_6305 tr|C3KI39|C3KI39_ANOFI NHP2-like protein 1 OS=Anoplopoma fimbria GN=NH2L
 GR6TTJD01BC7PE_ci ---
 UN_ci_3121 ---
 UN_ci_6166 tr|Q4RZR2|Q4RZR2_TETNG Chromosome 18 SCAF14786, whole genome shotgun sequ

UN_ci_6118 tr|C3KIG2|C3KIG2_ANOFI C-Myc-binding protein OS=Anoplopoma fimbria GN=MYC
 GR6TTJD01CB4WW_ci ---
 UN_ci_3887 ---
 UN_ci_1811 ---
 GPGRCD02H9Q1D_ci ---
 UN_ci_4280 ---
 GPGRCD02FVAPZ_ci ---
 UN_ci_7455 tr|C3KJQ1|C3KJQ1_ANOFI Tumor suppressor candidate 2 OS=Anoplopoma fimbria
 GPGRCD02IQWI7_ci ---
 GPGRCD02G8CMK_ci ---
 GR6TTJD01A62TC_ci ---
 GPGRCD02G92SK_ci ---
 UN_ci_4011 ---
 GP8I43W03FW9KE_ci tr|Q502H4|Q502H4_DANRE Novel protein (Zgc:112231) OS=Danio rerio GN=CH21
 GP8I43W03FTVWM_ci ---
 UN_ci_4864 ---
 GR6TTJD01A1H02_ci ---
 GP8I43W03HDZW5_ci ---
 UN_ci_8580 ---
 GR6TTJD01AL47E_ci ---
 UN_ci_6549 ---
 UN_ci_1188 ---
 UN_ci_6802 ---
 UN_ci_3880 ---
 UN_ci_8177 ---
 UN_ci_269 ---
 UN_ci_6465 ---
 UN_ci_4843 tr|A3KPN5|A3KPN5_DANRE Novel protein similar to vertebrate thyroid hormone
 UN_ci_5452 tr|Q2EGT0|Q2EGT0 ICTPU Putative uncharacterized protein (Fragment) OS=Ichthyo
 UN_ci_1674 ---
 UN_ci_8356 tr|C1BW22|C1BW22_ESOLU C10orf32 OS=Esox lucius GN=CJ032 PE=4 SV=1
 UN_ci_1301 tr|Q4S9T7|Q4S9T7_TETNG Chromosome 2 SCAF14695, whole genome shotgun sequ
 UN_ci_4297 tr|Q4S2X5|Q4S2X5_TETNG Chromosome 8 SCAF14759, whole genome shotgun sequ
 UN_ci_5745 tr|Q4TBL0|Q4TBL0_TETNG Chromosome undetermined SCAF7118, whole genome sh
 GR6TTJD01A3N1Z_ci ---
 UN_ci_833 ---
 UN_ci_364 ---
 UN_ci_5043 ---
 UN_ci_122 tr|Q803B9|Q803B9_DANRE DCP2 decapping enzyme homolog (S. cerevisiae) OS=I
 UN_ci_5248 tr|B9EMJ6|B9EMJ6_SALSA DNA-directed RNA polymerase III subunit RPC6 OS=Sa
 GR6TTJD01BMS6J_ci ---
 UN_ci_3728 ---
 GR6TTJD01AG7NF_ci tr|Q4SFN7|Q4SFN7_TETNG Chromosome 7 SCAF14601, whole genome shotgun sequ
 GPGRCD02GUWHT_ci tr|Q4SBK4|Q4SBK4_TETNG Chromosome 15 SCAF14667, whole genome shotgun sequ
 GP8I43W03G9SM5_ci ---
 GPGRCD02IGE0H_ci ---
 UN_ci_8099 tr|Q4ST43|Q4ST43_TETNG Chromosome 18 SCAF14304, whole genome shotgun sequ
 GR6TTJD01AM5PJ_ci ---
 GPGRCD02GLKLT_ci sp|Q6DHI2|CCD65_DANRE Coiled-coil domain-containing protein 65 OS=Danio r
 GPGRCD02HVXC9_ci ---

GR6TTJD01AOP6A_ci ---
 UN_ci_3586 ---
 UN_ci_2970 ---
 UN_ci_1120 ---
 GR6TTJD01BBHRB_ci ---
 GR6TTJD01B7NOW_ci ---
 UN_ci_336 tr|Q4RMA3|Q4RMA3_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
 UN_ci_5468 ---
 UN_ci_8636 tr|C3KHH5|C3KHH5_ANOFI tRNA-dihydrouridine synthase 4-like PP35 OS=Anoplo
 UN_ci_7835 ---
 UN_ci_634 tr|Q4T333|Q4T333_TETNG Chromosome undetermined SCAF10125, whole genome sl
 GP8I43W03FXJXA_ci ---
 UN_ci_8778 ---
 UN_ci_4500 ---
 UN_ci_4160 tr|Q8JHF8|Q8JHF8_FUNHE Ubiquitin carrier protein OS=Fundulus heteroclitus
 GR6TTJD01BIC84_ci ---
 GR6TTJD01AKS0P_ci tr|Q504I6|Q504I6_DANRE Rpa2 protein OS=Danio rerio GN=rpa2 PE=2 SV=1
 GR6TTJD01B3WZZ_ci ---
 UN_ci_3579 ---
 UN_ci_2817 tr|Q4SPI9|Q4SPI9_TETNG Chromosome 16 SCAF14537, whole genome shotgun sequ
 UN_ci_3081 ---
 UN_ci_1160 ---
 GP8I43W03FZ4G5_ci ---
 GR6TTJD01B7JBH_ci ---
 UN_ci_1161 ---
 UN_ci_2370 tr|Q4S9I0|Q4S9I0_TETNG Ubiquitin carboxyl-terminal hydrolase OS=Tetraodor
 UN_ci_50 ---
 UN_ci_5589 ---
 UN_ci_6526 tr|Q4T0A0|Q4T0A0_TETNG Chromosome undetermined SCAF11274, whole genome sl
 UN_ci_447 tr|Q4T2T1|Q4T2T1_TETNG Chromosome undetermined SCAF10190, whole genome sl
 UN_ci_8771 tr|B5X5G4|B5X5G4_SALSA Ribonuclease H2 subunit C OS=Salmo salar GN=RNH2C
 UN_ci_662 ---
 GPGRCD02HGX13_ci ---
 UN_ci_5265 tr|C1BYB8|C1BYB8_ESOLU Mediator of RNA polymerase II transcription subun
 UN_ci_6636 tr|A0EZY0|A0EZY0_PSEMX Adenine phosphoribosyl transferase (Fragment) OS=I
 GP8I43W03GM4XE_ci ---
 UN_ci_4723 ---
 UN_ci_8627 ---
 GPGRCD02H2NIC_ci ---
 UN_ci_2843 tr|Q4SHQ0|Q4SHQ0_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_4722 ---
 UN_ci_5084 tr|Q4RUA1|Q4RUA1_TETNG Chromosome 1 SCAF14995, whole genome shotgun sequ
 GR6TTJD01AXIDV_ci tr|Q4RV51|Q4RV51_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
 UN_ci_4545 ---
 UN_ci_7938 ---
 GR6TTJD01ARJRI_ci tr|Q5RH64|Q5RH64_DANRE Novel protein containing kelch motif domains (Zgc
 UN_ci_4113 ---
 UN_ci_8456 ---
 UN_ci_8004 sp|Q9I8U0|COX41_THUOB Cytochrome c oxidase subunit 4 isoform 1, mitochond
 GR6TTJD01AH101_ci tr|C3KHK7|C3KHK7_ANOFI E3 ubiquitin-protein ligase RING2 OS=Anoplopoma f

UN_ci_8078	---
UN_ci_8371	---
UN_ci_707	---
UN_ci_6872	---
GR6TTJD01AUYPH_ci	---
UN_ci_2978	sp P80977 CX6C1_THUOB Cytochrome c oxidase subunit 6C-1 OS=Thunnus obesus
UN_ci_653	tr Q5DVH0 Q5DVH0_PLAFE 6-phosphogluconate dehydrogenase, decarboxylating
GPGRCD02F9UG0_ci	---
UN_ci_8029	tr Q9W7E3 Q9W7E3_ORYLA ZPB domain containing protein OS=Oryzias latipes I
UN_ci_4249	---
UN_ci_6351	tr C3KK46 C3KK46_ANOFI Transmembrane protein 32 OS=Anoplopoma fimbria GN=
GP8I43W03GV3AT_ci	tr Q71RI7 Q71RI7_CHICK Guanine nucleotide-binding protein G11 alpha-subu
UN_ci_3844	---
GR6TTJD01AFOW3_ci	tr Q4T1I8 Q4T1I8_TETNG Chromosome undetermined SCAF10572, whole genome sl
UN_ci_7348	tr Q4SLL7 Q4SLL7_TETNG Chromosome 15 SCAF14556, whole genome shotgun sequ
UN_ci_5155	---
UN_ci_1313	tr Q7ZU35 Q7ZU35_DANRE MAD homolog 2 (Drosophila) OS=Danio rerio GN=smad
UN_ci_1203	---
UN_ci_6583	tr Q7ZV25 Q7ZV25_DANRE Tubulin cofactor a OS=Danio rerio GN=tbca PE=2 SV=
GR6TTJD01BYYL7_ci	---
UN_ci_7878	---
UN_ci_1075	tr C3KI30 C3KI30_ANOFI 60S ribosomal protein L22 OS=Anoplopoma fimbria G
GPGRCD02HNYI2_ci	tr Q568T3 Q568T3_DANRE LMBR1 domain containing 2a OS=Danio rerio GN=lmb
UN_ci_2314	tr D2CLZ7 D2CLZ7_9PERC Muscle fatty acid binding protein OS=Rachycentron
GP8I43W03GXOL5_ci	---
GPGRCD02HSCL0_ci	---
GR6TTJD01BCRRP_ci	---
UN_ci_1086	---
GR6TTJD01B6A0T_ci	---
UN_ci_7537	---
UN_ci_3129	---
GR6TTJD01A8DPJ_ci	---
GP8I43W03G3UR1_ci	---
GPGRCD02HS8SW_ci	tr C3KJ63 C3KJ63_ANOFI C10orf57 homolog OS=Anoplopoma fimbria GN=CJ057 PI
UN_ci_3610	---
GR6TTJD01BOZCJ_ci	tr Q5XVP4 Q5XVP4_FUNHE Survival motor neuron protein (Fragment) OS=Fundu
GP8I43W03GSCSR_ci	---
UN_ci_6289	---
GPGRCD02H6FM4_ci	tr COH9T0 COH9T0_SALSA Cold shock domain-containing protein E1 OS=Salmo
GR6TTJD01BS62E_ci	tr Q4SJ13 Q4SJ13_TETNG Chromosome 21 SCAF14577, whole genome shotgun sequ
UN_ci_584	---
UN_ci_3634	tr Q4SQL6 Q4SQL6_TETNG Chromosome 17 SCAF14532, whole genome shotgun sequ
UN_ci_7798	---
GR6TTJD01B32VK_ci	---
GPGRCD02F8AJG_ci	---
UN_ci_3753	---
UN_ci_7427	---
UN_ci_4852	tr C1BIV8 C1BIV8_OSMO UPF0131 protein CG2811 OS=Osmerus mordax GN=YS11 I
UN_ci_8233	tr B5DFB2 B5DFB2_RAT RCG30896 OS=Rattus norvegicus GN=Rbbp4 PE=2 SV=1
UN_ci_5789	tr B5XA06 B5XA06_SALSA Prefoldin subunit 3 OS=Salmo salar GN=PFD3 PE=2 SV=

GPGRCD02G80T4_ci ---
 UN_ci_4220 ---
 GPGRCD02G13VT_ci ---
 UN_ci_6018 ---
 UN_ci_4906 tr|Q4T876|Q4T876_TETNG Chromosome 8 SCAF7872, whole genome shotgun sequen
 UN_ci_4263 tr|C3ZG09|C3ZG09_BRAFL Putative uncharacterized protein OS=Branchiostoma
 UN_ci_46 tr|Q4RRC1|Q4RRC1_TETNG Chromosome 14 SCAF15003, whole genome shotgun sequ
 UN_ci_7101 sp|Q4T2X8|NIP7_TETNG 60S ribosome subunit biogenesis protein NIP7 homolog
 UN_ci_5796 tr|B5X8Y2|B5X8Y2_SALSA Methyltransferase-like protein 5 OS=Salmo salar Gl
 GR6TTJD01BJL32_ci ---
 GR6TTJD01B8UMI_ci ---
 UN_ci_2261 tr|C3KJU5|C3KJU5_ANOFI Biogenesis of lysosome-related organelles complex-
 UN_ci_7921 ---
 UN_ci_2904 tr|Q56VD0|Q56VD0_ORYLA Fas-associating death domain-containing protein OS
 GR6TTJD01BFHQR_ci ---
 UN_ci_3076 ---
 GR6TTJD01A7KJU_ci tr|Q4RL59|Q4RL59_TETNG Chromosome 12 SCAF15023, whole genome shotgun sequ
 GR6TTJD01A7RQQ_ci tr|Q6DF12|Q6DF12_XENTR Polyadenylate-binding protein 1 OS=Xenopus tropica
 UN_ci_1343 ---
 GP8I43W03G6QV5_ci ---
 UN_ci_4544 tr|C3KJ37|C3KJ37_ANOFI Clorf74 homolog OS=Anoplopoma fimbria GN=CA074 PE
 GPGRCD02GQ2FM_ci ---
 UN_ci_1796 ---
 UN_ci_3415 tr|C1BEZ9|C1BEZ9_ONCMY AP-2 complex subunit sigma-1 OS=Oncorhynchus mykiss
 UN_ci_6472 ---
 GPGRCD02G038L_ci ---
 UN_ci_3926 tr|C1BII2|C1BII2_OSMO Brain protein 44-like protein OS=Osmerus mordax Gl
 UN_ci_7240 ---
 UN_ci_27 ---
 UN_ci_3910 ---
 GP8I43W03HGWTP_ci ---
 UN_ci_2326 ---
 GR6TTJD01CFSKP_ci sp|A5WWB6|ZWILC_DANRE Protein zwilch homolog OS=Danio rerio GN=zwilch PE
 UN_ci_709 tr|B1Q3J1|B1Q3J1_PAROL Iodothyronine deiodinase OS=Paralichthys olivaceus
 UN_ci_3526 ---
 UN_ci_4702 sp|Q7T3N2|RL15_MONAL 60S ribosomal protein L15 OS=Monopterus albus GN=rp
 GR6TTJD01AP7FY_ci ---
 GR6TTJD01BP4LA_ci ---
 UN_ci_48 ---
 GPGRCD02JMMC5_ci tr|Q4RUV7|Q4RUV7_TETNG Chromosome 12 SCAF14993, whole genome shotgun sequ
 GR6TTJD01A3XT3_ci tr|Q9BE84|Q9BE84_MACFA Putative uncharacterized protein OS=Macaca fascicu
 UN_ci_1644 ---
 GPGRCD02INA2U_ci ---
 UN_ci_940 tr|Q4SI99|Q4SI99_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_3785 tr|Q5HZ93|Q5HZ93_XENLA MGC85128 protein OS=Xenopus laevis GN=txn14a PE=2
 GR6TTJD01BQFB4_ci ---
 UN_ci_3691 tr|Q4T2A8|Q4T2A8_TETNG Chromosome undetermined SCAF10300, whole genome sl
 UN_ci_8607 tr|A0EZU3|A0EZU3_PSEMX 40S ribosomal protein S14 (Fragment) OS=Psetta ma
 UN_ci_7315 ---
 UN_ci_2254 ---

UN_ci_1173 ---
 GR6TTJD01BIOCK_ci tr|BOUY40|BOUY40_DANRE Novel protein similar to vertebrate ring finger ar
 UN_ci_3839 tr|Q4S8S2|Q4S8S2_TETNG Chromosome 7 SCAF14703, whole genome shotgun sequ
 UN_ci_8175 tr|B5XE73|B5XE73_SALSA M-phase phosphoprotein 6 OS=Salmo salar GN=MPH6 PI
 GPGRCDD02IHE0A_ci ---
 UN_ci_8717 sp|Q6PBY7|CE044_DANRE UPF0533 protein C5orf44 homolog OS=Danio rerio GN=;
 GPGRCDD02JIR72_ci ---
 UN_ci_8434 ---
 GP8I43W03G49G2_ci ---
 UN_ci_8063 ---
 UN_ci_3048 tr|Q28FB5|Q28FB5_XENTR MOB1, Mps One Binder kinase activator-like 1B OS=;
 UN_ci_6295 tr|D4HTS6|D4HTS6_THUAL Fructose-bisphosphate aldolase OS=Thunnus albacar
 GP8I43W03FOMYU_ci tr|C1BGM5|C1BGM5_ONCMY NADH dehydrogenase 1 beta subcomplex subunit 4 OS=;
 UN_ci_8022 sp|Q802F2|SELTA_DANRE Selenoprotein T1a OS=Danio rerio GN=selt1a PE=2 SV=;
 UN_ci_2687 ---
 UN_ci_1551 ---
 UN_ci_3599 ---
 GR6TTJD01ANPAS_ci ---
 UN_ci_153 tr|Q4RT79|Q4RT79_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 UN_ci_4922 tr|A0ELV6|A0ELV6_PAROL Heat shock protein 10 kDa OS=Paralichthys olivace
 UN_ci_2719 tr|Q4T970|Q4T970_TETNG Chromosome undetermined SCAF7635, whole genome sh
 UN_ci_1095 ---
 UN_ci_7655 tr|Q7T2E8|Q7T2E8_DANRE Ras homolog gene family, member Ac OS=Danio rerio
 GPGRCDD02ILFN8_ci tr|Q2EGRO|Q2EGRO ICTPU Nucleolar protein family A (Fragment) OS=Ictalurus
 GPGRCDD02F2TL6_ci ---
 UN_ci_1198 ---
 GPGRCDD02J3BX2_ci tr|Q4RQA0|Q4RQA0_TETNG Chromosome 17 SCAF15006, whole genome shotgun sequ
 GPGRCDD02HNDDT_ci ---
 GR6TTJD01B80V0_ci ---
 UN_ci_7746 ---
 UN_ci_6934 tr|C1BYQ5|C1BYQ5_ESOLU Proteasome subunit alpha type OS=Esox lucius GN=P
 UN_ci_8350 ---
 UN_ci_7059 ---
 UN_ci_4584 tr|Q6DBQ6|Q6DBQ6_DANRE Zgc:92043 OS=Danio rerio GN=caprin1a PE=1 SV=1
 UN_ci_135 ---
 UN_ci_2796 ---
 UN_ci_7803 ---
 UN_ci_4775 tr|C3KHU1|C3KHU1_ANOFI 60S ribosomal protein L30 OS=Anoplopoma fimbria G
 GP8I43W03GY2IS_ci ---
 UN_ci_6707 ---
 UN_ci_3660 tr|Q4SJ40|Q4SJ40_TETNG Chromosome 21 SCAF14577, whole genome shotgun sequ
 UN_ci_5309 ---
 UN_ci_8239 tr|Q4T9C1|Q4T9C1_TETNG Chromosome undetermined SCAF7601, whole genome sh
 UN_ci_2225 tr|Q4SN89|Q4SN89_TETNG Chromosome 8 SCAF14543, whole genome shotgun sequ
 UN_ci_2570 tr|C3KJI8|C3KJI8_ANOFI Transcription elongation factor B polypeptide 2 OS
 GPGRCDD02FVM6F_ci ---
 GPGRCDD02GX8B0_ci tr|073696|073696_TAKRU Mitosis-specific chromosome segregation protein S
 UN_ci_3452 ---
 GPGRCDD02IZ30H_ci tr|A8E7N5|A8E7N5_DANRE Novel protein similar to vertebrate vacuolar prote
 UN_ci_6424 tr|Q4SLP2|Q4SLP2_TETNG Chromosome 15 SCAF14556, whole genome shotgun sequ

GR6TTJD01BX49E_ci ---
 GR6TTJD01BU94K_ci ---
 GP8I43W03FXTQQ_ci ---
 GR6TTJD01A3UF0_ci ---
 GPGRCD02G4H35_ci ---
 UN_ci_5140 ---
 GR6TTJD01A78LN_ci ---
 UN_ci_3085 tr|A3KNA4|A3KNA4_DANRE Wu:fc17c08 protein OS=Danio rerio GN=wu:fc17c08 PI
 GR6TTJD01BS8NB_ci ---
 UN_ci_4608 ---
 GR6TTJD01BD7IH_ci tr|Q4S424|Q4S424_TETNG Chromosome 20 SCAF14744, whole genome shotgun seq
 UN_ci_3078 ---
 GP8I43W03FYNNM_ci ---
 UN_ci_2808 ---
 GPGRCD02IVXQA_ci ---
 UN_ci_6527 ---
 UN_ci_1557 ---
 UN_ci_6383 ---
 UN_ci_3918 tr|Q499B6|Q499B6_DANRE Poly A binding protein, cytoplasmic 1 a OS=Danio r
 UN_ci_808 tr|Q4SG71|Q4SG71_TETNG Chromosome 17 SCAF14597, whole genome shotgun seq
 UN_ci_3686 ---
 UN_ci_3333 ---
 UN_ci_5080 ---
 GR6TTJD01B6FWV_ci tr|Q1WCF4|Q1WCF4_ICTPU Putative uncharacterized protein (Fragment) OS=Ic
 UN_ci_1110 ---
 UN_ci_4451 tr|Q8UW16|Q8UW16_LAPHA AMSH-like OS=Lapemis hardwickii PE=2 SV=1
 GR6TTJD01BKRDL_ci ---
 UN_ci_1406 tr|Q4RHZ7|Q4RHZ7_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 GR6TTJD01BOSH6_ci ---
 UN_ci_7024 ---
 UN_ci_4275 ---
 UN_ci_6597 ---
 UN_ci_5286 ---
 UN_ci_5253 tr|Q4T1J1|Q4T1J1_TETNG Chromosome undetermined SCAF10572, whole genome sl
 UN_ci_5771 ---
 UN_ci_1054 tr|Q4RJP3|Q4RJP3_TETNG Chromosome 13 SCAF15035, whole genome shotgun seq
 UN_ci_7460 tr|Q4VBU0|Q4VBU0_DANRE Branched chain keto acid dehydrogenase E1, alpha p
 UN_ci_3816 tr|Q6PH25|Q6PH25_DANRE Vacuolar protein sorting 28 (Yeast) OS=Danio rerio
 UN_ci_1769 tr|Q7ZW32|Q7ZW32_DANRE Ubiquitin carrier protein OS=Danio rerio GN=ube2g
 UN_ci_6563 ---
 UN_ci_3394 tr|Q4T9J4|Q4T9J4_TETNG Chromosome 21 SCAF7548, whole genome shotgun sequ
 GR6TTJD01AVCGD_ci tr|B5X358|B5X358_SALSA Solute carrier family 25 member 33 OS=Salmo salar
 GP8I43W03G1EV6_ci ---
 UN_ci_7578 tr|C3KJ90|C3KJ90_ANOFI COMM domain-containing protein 4 OS=Anoplopoma fir
 UN_ci_1630 ---
 UN_ci_438 ---
 UN_ci_809 ---
 GPGRCD02H1NAU_ci ---
 GP8I43W03FLOV0_ci ---
 UN_ci_5308 tr|Q4RQA3|Q4RQA3_TETNG Chromosome 17 SCAF15006, whole genome shotgun seq

UN_ci_7837 tr|A3QJW5|A3QJW5_DANRE CTP synthase OS=Danio rerio GN=ctps PE=3 SV=1
 GR6TTJD01B9FQ0_ci ---
 GR6TTJD01BTDCK_ci ---
 UN_ci_986 tr|Q4SHB3|Q4SHB3_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_6494 ---
 UN_ci_4281 ---
 UN_ci_6420 ---
 UN_ci_3251 tr|C3KI27|C3KI27_ANOFI Cysteine-rich PDZ-binding protein OS=Anoplopoma f:
 UN_ci_7369 ---
 GPGRCDD02GIB7W_ci ---
 UN_ci_972 ---
 UN_ci_4431 ---
 UN_ci_3073 tr|Q4SDY0|Q4SDY0_TETNG Chromosome undetermined SCAF14628, whole genome sl
 UN_ci_4049 ---
 UN_ci_4134 tr|Q6PHD7|Q6PHD7_DANRE Septin 6 OS=Danio rerio GN=sept6 PE=2 SV=1
 GPGRCDD02G4VBJ_ci ---
 GPGRCDD02HQIQ4_ci ---
 UN_ci_5202 tr|COPU50|COPU50_SALSA Myosin-9 (Fragment) OS=Salmo salar GN=MYH9 PE=2 SV
 UN_ci_6300 ---
 UN_ci_2947 tr|Q4TAC5|Q4TAC5_TETNG Chromosome undetermined SCAF7389, whole genome sh
 UN_ci_7166 tr|A8E4W9|A8E4W9_XENTR LOC100127587 protein (Fragment) OS=Xenopus tropica
 UN_ci_2786 ---
 GR6TTJD01A0UX4_ci ---
 UN_ci_3051 ---
 GPGRCDD02JP8A6_ci ---
 GR6TTJD01BS73A_ci ---
 GR6TTJD01APUXL_ci ---
 UN_ci_8232 tr|COPUM3|COPUM3_SALSA ATP-dependent RNA helicase DDX39 (Fragment) OS=Sa
 GR6TTJD01AIWA1_ci ---
 UN_ci_2251 ---
 UN_ci_6994 tr|B9ELU0|B9ELU0_SALSA Retinoblastoma-binding protein 6 OS=Salmo salar Gl
 UN_ci_1362 ---
 UN_ci_5447 tr|B5DG15|B5DG15_SALSA 55 kDa erythrocyte membrane protein OS=Salmo sala
 UN_ci_3164 ---
 GPGRCDD02JMZR6_ci ---
 GR6TTJD01B2BUX_ci ---
 GR6TTJD01AR1RT_ci ---
 UN_ci_8169 ---
 UN_ci_8764 tr|B9ELR8|B9ELR8_SALSA Transmembrane protein 147 OS=Salmo salar GN=TM147
 UN_ci_3997 tr|Q7ZUW4|Q7ZUW4_DANRE ADP-ribosylation factor 5 OS=Danio rerio GN=arf5 I
 GP8I43W03GT3ZR_ci ---
 UN_ci_8085 tr|Q4SZF7|Q4SZF7_TETNG Chromosome undetermined SCAF11646, whole genome sl
 UN_ci_5668 ---
 UN_ci_1727 ---
 GPGRCDD02FSK5L_ci ---
 UN_ci_1150 ---
 GR6TTJD01AHSNW_ci ---
 UN_ci_2892 ---
 UN_ci_8194 ---
 UN_ci_2121 ---

UN_ci_7459	---
UN_ci_2568	tr B0S5P6 B0S5P6_DANRE Novel protein similar to vertebrate coxsackie viru
UN_ci_5525	---
GR6TTJD01BALIW_ci	---
UN_ci_7882	---
GR6TTJD01ASNGL_ci	tr B5X2M6 B5X2M6_SALSA Voltage-dependent anion-selective channel protein
GR6TTJD01CBPKS_ci	tr Q4S8V9 Q4S8V9_TETNG Chromosome 7 SCAF14703, whole genome shotgun sequ
GP8I43W03FWRWQ_ci	---
GR6TTJD01CDMYG_ci	---
UN_ci_4586	---
UN_ci_5261	tr C1BKP9 C1BKP9_OSMMO 60S ribosomal protein L8 OS=Osmerus mordax GN=RL8
GP8I43W03F3WRX_ci	tr Q4SQV1 Q4SQV1_TETNG Chromosome 1 SCAF14529, whole genome shotgun sequ
GP8I43W03F2D44_ci	---
UN_ci_2951	tr B0WHK3 B0WHK3_CULQU Putative uncharacterized protein OS=Culex quinquef
UN_ci_2835	tr C3KIY2 C3KIY2_ANOFI RNA-binding protein PN01 OS=Anoplopoma fimbria GN=
UN_ci_1908	tr Q4TAQ9 Q4TAQ9_TETNG Chromosome undetermined SCAF7267, whole genome sh
UN_ci_4760	---
UN_ci_41	---
UN_ci_8193	tr C1BEP1 C1BEP1_ONCMY Prefoldin subunit 6 OS=Oncorhynchus mykiss GN=PF06
UN_ci_3902	---
UN_ci_4683	---
GR6TTJD01BPMNX_ci	---
UN_ci_5415	---
UN_ci_4567	---
UN_ci_2292	---
UN_ci_4657	tr Q4S3W0 Q4S3W0_TETNG Chromosome 20 SCAF14744, whole genome shotgun sequ
UN_ci_4956	tr C3KI17 C3KI17_ANOFI Proteasome subunit alpha type OS=Anoplopoma fimbr
UN_ci_7753	---
UN_ci_8054	---
UN_ci_392	---
UN_ci_3595	---
UN_ci_847	---
UN_ci_8292	tr Q4SJ35 Q4SJ35_TETNG Chromosome 21 SCAF14577, whole genome shotgun sequ
GR6TTJD01AT6CV_ci	---
GR6TTJD01A63IR_ci	---
GP8I43W03HG5PT_ci	---
UN_ci_4232	---
UN_ci_6509	---
UN_ci_1746	tr B5X2Y0 B5X2Y0_SALSA DnaJ homolog subfamily A member 1 OS=Salmo salar (
UN_ci_4835	tr B5X7S9 B5X7S9_SALSA RING finger protein 170 OS=Salmo salar GN=RN170 PI
UN_ci_3004	---
UN_ci_1902	---
UN_ci_8420	tr C8CH42 C8CH42_SCIOC QM-like protein OS=Sciaenops ocellatus GN=QM PE=2
GR6TTJD01AQEX5_ci	---
UN_ci_563	---
UN_ci_5354	tr Q4RYH1 Q4RYH1_TETNG Chromosome 2 SCAF14976, whole genome shotgun sequ
UN_ci_210	---
UN_ci_3927	---
UN_ci_6198	sp Q504E7 CA144_DANRE UPF0485 protein Clorf144 homolog OS=Danio rerio GN=
UN_ci_2332	---

UN_ci_6548 tr|B8A667|B8A667_DANRE Novel protein (Zgc:162591) OS=Danio rerio GN=DKEY-
 UN_ci_4522 tr|C1BJ23|C1BJ23_OSMO Ubiquitin carrier protein OS=Osmerus mordax GN=UB:
 UN_ci_841 ---
 UN_ci_6654 tr|C3KJ83|C3KJ83_ANOFI Calcium and integrin-binding protein 1 OS=Anoplo
 GPGRCDD02IB94I_ci tr|Q4SNW0|Q4SNW0_TETNG Chromosome 15 SCAF14542, whole genome shotgun sequ
 UN_ci_1444 ---
 GP8I43W03FOFNQ_ci ---
 UN_ci_6230 ---
 GP8I43W03G425E_ci ---
 UN_ci_3066 ---
 GR6TTJD01B52ES_ci tr|Q4SJQ0|Q4SJQ0_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 GR6TTJD01BEK27_ci ---
 UN_ci_8231 tr|B5X4L9|B5X4L9_SALSA Integral membrane protein GPR177 OS=Salmo salar GN=
 UN_ci_8037 tr|C3KI36|C3KI36_ANOFI CDGSH iron sulfur domain-containing protein 1 OS=
 UN_ci_6572 tr|C3KGT8|C3KGT8_ANOFI Coatomer subunit epsilon OS=Anoplopoma fimbria GN=
 UN_ci_1618 ---
 UN_ci_3872 ---
 GR6TTJD01A1W2C_ci tr|Q4RNJ1|Q4RNJ1_TETNG Chromosome 21 SCAF15012, whole genome shotgun sequ
 GR6TTJD01CDQ13_ci ---
 UN_ci_5090 ---
 UN_ci_7742 tr|D8X0S5|D8X0S5_PSEMX Peroxiredoxin 6 OS=Psetta maxima GN=Prx6 PE=2 SV=
 UN_ci_6450 tr|Q4T442|Q4T442_TETNG Chromosome undetermined SCAF9830, whole genome sh
 GR6TTJD01BY2Y3_ci ---
 UN_ci_2675 ---
 GR6TTJD01A6JQ8_ci ---
 GPGRCDD02GM3JE_ci sp|Q58EN8|VP33B_DANRE Vacuolar protein sorting-associated protein 33B OS=
 GP8I43W03HBBKW_ci ---
 UN_ci_5465 ---
 GR6TTJD01A9SOV_ci tr|Q4RN14|Q4RN14_TETNG Chromosome 6 SCAF15017, whole genome shotgun sequ
 UN_ci_2435 ---
 UN_ci_7456 ---
 GR6TTJD01B06W5_ci ---
 UN_ci_8136 tr|B5X7P5|B5X7P5_SALSA Alpha-1,3-fucosyltransferase OS=Salmo salar GN=FU
 UN_ci_7959 ---
 GP8I43W03GFHNG_ci ---
 UN_ci_1719 tr|Q4RPP9|Q4RPP9_TETNG Chromosome 12 SCAF15007, whole genome shotgun sequ
 UN_ci_6679 tr|Q08CA5|Q08CA5_DANRE Ribose-phosphate pyrophosphokinase OS=Danio rerio
 UN_ci_1119 tr|Q4SIK0|Q4SIK0_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_3014 ---
 UN_ci_8614 ---
 UN_ci_7965 tr|C3KIP2|C3KIP2_ANOFI Guanine nucleotide exchange factor MSS4 OS=Anoplo
 UN_ci_8736 tr|B5X4J9|B5X4J9_SALSA Ribosomal protein L7-like 1 OS=Salmo salar GN=RL71
 GPGRCDD02HRF09_ci tr|Q7ZW97|Q7ZW97_DANRE Pseudouridine synthase OS=Danio rerio GN=zgc:5665:
 UN_ci_6864 ---
 UN_ci_5108 tr|C3KII1|C3KII1_ANOFI Exosome complex exonuclease RRP4 OS=Anoplopoma fir
 UN_ci_4142 ---
 UN_ci_7171 tr|C3KJR7|C3KJR7_ANOFI Thioredoxin-dependent peroxide reductase, mitochor
 GPGRCDD02F1FHI_ci ---
 UN_ci_3026 tr|COH8Y6|COH8Y6_SALSA Anaphase-promoting complex subunit 5 OS=Salmo sal
 UN_ci_8097 ---

GPGRCD02FPPK2_ci tr|Q3URI6|Q3URI6_MOUSE Putative uncharacterized protein OS=Mus musculus (
 GR6TTJD01A2H1B_ci ---
 GPGRCD02I2V3F_ci ---
 UN_ci_5619 ---
 GPGRCD02ID7N8_ci ---
 GPGRCD02ITB54_ci ---
 GR6TTJD01BZWJ7_ci ---
 UN_ci_673 tr|A9ZT90|A9ZT90_SOLSE Ribosomal protein L14 OS=Solea senegalensis GN=RPI
 UN_ci_7276 ---
 UN_ci_1372 tr|B5X6I7|B5X6I7_SALSA Glutaredoxin-like protein YDR286C homolog OS=Salm
 GR6TTJD01AQ6LD_ci ---
 UN_ci_6652 ---
 UN_ci_5197 tr|Q4S0B3|Q4S0B3_TETNG Chromosome 2 SCAF14781, whole genome shotgun sequ
 UN_ci_3991 tr|Q4T510|Q4T510_TETNG Chromosome 1 SCAF9472, whole genome shotgun sequer
 GR6TTJD01ANHCH_ci ---
 GR6TTJD01BWVAK_ci tr|Q7ZT39|Q7ZT39_TETNG Cytokine receptor CRFB1 OS=Tetraodon nigroviridis
 UN_ci_2268 ---
 GR6TTJD01CD8ZD_ci ---
 GP8I43W03FJHIR_ci ---
 UN_ci_6519 ---
 GR6TTJD01BZFT8_ci ---
 GPGRCD02JP9J0_ci ---
 UN_ci_2977 ---
 GPGRCD02HTAVT_ci ---
 GP8I43W03F03Z2_ci ---
 UN_ci_4827 ---
 UN_ci_7311 tr|Q4RVH3|Q4RVH3_TETNG Proteasome subunit alpha type (Fragment) OS=Tetrac
 GR6TTJD01A034D_ci ---
 GPGRCD02JA1MX_ci ---
 UN_ci_6249 tr|D0IN12|D0IN12_ONCMY Suppressor of cytokine signaling 5 OS=Oncorhynchus
 UN_ci_8597 ---
 GR6TTJD01A970U_ci ---
 UN_ci_5604 ---
 UN_ci_3543 tr|Q567Y3|Q567Y3_DANRE Stx6 protein OS=Danio rerio GN=stx6 PE=2 SV=1
 UN_ci_6331 tr|Q4RL81|Q4RL81_TETNG Chromosome 21 SCAF15022, whole genome shotgun sequ
 UN_ci_8741 ---
 GR6TTJD01AUPBZ_ci ---
 GP8I43W03F7KWF_ci ---
 UN_ci_91 ---
 UN_ci_8088 ---
 UN_ci_766 tr|Q6PH52|Q6PH52_DANRE Thyroid hormone receptor interactor 13 OS=Danio r
 UN_ci_7277 ---
 UN_ci_5663 tr|B5X322|B5X322_SALSA Transport protein Sec61 subunit alpha isoform A OS
 UN_ci_3665 ---
 UN_ci_7855 tr|A1Y189|A1Y189_PAROL Voltage-dependent anion channel OS=Paralichthys o
 UN_ci_3523 ---
 UN_ci_3993 ---
 GP8I43W03HAKI4_ci ---
 GR6TTJD01AK5WH_ci ---
 UN_ci_5045 tr|C3KIL8|C3KIL8_ANOFI Mitochondrial 39S ribosomal protein L27 OS=Anoplo

UN_ci_4128 ---
 UN_ci_7754 ---
 UN_ci_982 tr|B0S731|B0S731_DANRE Acetylserotonin O-methyltransferase-like OS=Danio
 UN_ci_1800 ---
 GR6TTJD01CEQMC_ci tr|Q4SZ56|Q4SZ56_TETNG Chromosome undetermined SCAF11816, whole genome sl
 GP8I43W03GE4RZ_ci ---
 GPGRCD02J4PH9_ci tr|C1BK49|C1BK49_OSMMO Fatty acid-binding protein, heart OS=Osmerus mordax
 UN_ci_1073 ---
 UN_ci_5341 tr|Q4SWF9|Q4SWF9_TETNG Chromosome 1 SCAF13624, whole genome shotgun sequ
 UN_ci_5396 tr|B5X495|B5X495_SALSA Dolichyl-P-Man:Man7GlcNAc2-PP-dolichyl-alpha-1, 6-
 UN_ci_4556 ---
 UN_ci_4869 ---
 UN_ci_5068 tr|B5X3U9|B5X3U9_SALSA Glutaryl-CoA dehydrogenase, mitochondrial OS=Salmo
 UN_ci_1728 ---
 UN_ci_1845 tr|Q7T2Y0|Q7T2Y0_DANRE Polyhomeotic Ph1 homolog OS=Danio rerio GN=ph1 PE-
 UN_ci_8166 tr|C1BGU8|C1BGU8_ONCMY Retinol dehydrogenase 3 OS=Oncorhynchus mykiss GN-
 UN_ci_6632 ---
 UN_ci_7691 ---
 UN_ci_6571 tr|Q4SYE0|Q4SYE0_TETNG Chromosome undetermined SCAF12087, whole genome sl
 GR6TTJD01BP8JQ_ci ---
 UN_ci_8132 ---
 UN_ci_5813 ---
 UN_ci_8299 tr|B0V3V7|B0V3V7_DANRE Guanine nucleotide binding protein alpha subunit ,
 UN_ci_2800 ---
 UN_ci_4003 ---
 UN_ci_6698 ---
 UN_ci_2274 tr|COPUM2|COPUM2_SALSA Condensin complex subunit 3 (Fragment) OS=Salmo sa
 UN_ci_551 ---
 UN_ci_2880 ---
 GPGRCD02G40BK_ci tr|C1BKI3|C1BKI3_OSMMO NADH dehydrogenase 1 alpha subcomplex subunit 12 (C
 GPGRCD02H8CKP_ci ---
 UN_ci_5474 tr|Q4T3W7|Q4T3W7_TETNG Chromosome 1 SCAF9899, whole genome shotgun sequen
 UN_ci_1804 ---
 UN_ci_5686 ---
 UN_ci_496 ---
 UN_ci_2828 tr|COPUQ7|COPUQ7_SALSA Zinc finger CCHC domain-containing protein 6 (Frag
 GR6TTJD01AKYB1_ci tr|C3KHJ7|C3KHJ7_ANOFI F-actin-capping protein subunit alpha-1 OS=Anoplo
 UN_ci_10 tr|Q4S6V3|Q4S6V3_TETNG T-complex protein 1 subunit alpha (Fragment) OS=Te
 UN_ci_8066 ---
 GR6TTJD01BXSf1_ci ---
 GR6TTJD01BOYXW_ci ---
 UN_ci_8490 tr|Q27R93|Q27R93_FUNHE NAD(P)H dehydrogenase quinone 1 OS=Fundulus heteroc
 UN_ci_2502 ---
 UN_ci_3429 ---
 UN_ci_8067 ---
 GR6TTJD01AWRL1_ci tr|B8A4F9|B8A4F9_DANRE Leucine rich repeat containing 9 (Fragment) OS=Dan
 GPGRCD02H0ZBO_ci tr|D6W977|D6W977_TRICA Putative uncharacterized protein OS=Tribolium castaneu
 UN_ci_4653 tr|B5XFU3|B5XFU3_SALSA Serum paraoxonase/arylesterase 2 OS=Salmo salar Gl
 UN_ci_6801 tr|B5RI40|B5RI40_SALSA Putative uncharacterized protein (Fragment) OS=Sa
 GR6TTJD01ANW1M_ci ---

GPGRCD02F6C77_ci	---
UN_ci_7547	---
GPGRCD02HKS1T_ci	---
GPGRCD02JU3A6_ci	---
GR6TTJD01AFIWO_ci	---
UN_ci_8214	tr COHA09 COHA09_SALSA RNA methyltransferase NOL1 OS=Salmo salar GN=NOL1
UN_ci_3185	tr A9RK77 A9RK77_PHYPA Predicted protein OS=Physcomitrella patens GN=PHYI
UN_ci_1039	---
GR6TTJD01AYYVO_ci	---
UN_ci_4896	---
UN_ci_6961	---
GPGRCD02HZFJ2_ci	---
UN_ci_8151	tr Q5DW64 Q5DW64_ONCMY Glucose-regulated protein 78kDa (Fragment) OS=Onco
GR6TTJD01BMH7V_ci	tr Q29RE3 Q29RE3_DANRE Ap4s1 protein OS=Danio rerio GN=ap4s1 PE=2 SV=1
GP8I43W03FMPCC_ci	tr Q4TAB2 Q4TAB2_TETNG Chromosome undetermined SCAF7390, whole genome sh
GR6TTJD01AG5A6_ci	---
UN_ci_2650	---
UN_ci_5669	---
GPGRCD02H8SVS_ci	---
UN_ci_5127	---
UN_ci_5877	---
UN_ci_3112	---
UN_ci_420	tr C1BL25 C1BL25_OSMO Bifunctional methylenetetrahydrofolate dehydrogen
UN_ci_6412	sp Q5RAF1 GL1D1_PONAB Glycosyltransferase 1 domain-containing protein 1 (
UN_ci_6661	---
UN_ci_1772	tr C3KH31 C3KH31_ANOFI EMI5 homolog, mitochondrial OS=Anoplopoma fimbria
UN_ci_8209	---
GP8I43W03F7NIF_ci	---
UN_ci_1974	---
UN_ci_1849	tr B9ENB0 B9ENB0_SALSA Cytochrome c oxidase assembly protein COX19 OS=Sa
UN_ci_3838	---
GR6TTJD01BWWNL_ci	---
UN_ci_4981	tr B9EME6 B9EME6_SALSA Zinc finger matrin-type protein 5 OS=Salmo salar (
UN_ci_6575	---
UN_ci_2467	---
UN_ci_4257	---
UN_ci_739	---
UN_ci_2478	---
UN_ci_6834	---
UN_ci_3183	---
UN_ci_5854	tr Q4RXM2 Q4RXM2_TETNG Chromosome 11 SCAF14979, whole genome shotgun seq
GR6TTJD01BZ15C_ci	---
GR6TTJD01BUEOT_ci	---
UN_ci_7112	---
GPGRCD02GTT6G_ci	---
UN_ci_1310	tr Q6P6E7 Q6P6E7_DANRE Ribosomal protein S20 OS=Danio rerio GN=rps20 PE=
GR6TTJD01APV7L_ci	tr Q1KN75 Q1KN75_OREMO Serine/threonine-protein phosphatase OS=Oreochrom
GR6TTJD01BCP14_ci	---
UN_ci_4831	---
GR6TTJD01A9H6Z_ci	---

UN_ci_6647 ---
 GR6TTJD01BE19J_ci ---
 GR6TTJD01AM184_ci ---
 UN_ci_8739 tr|Q4SUY7|Q4SUY7_TETNG Chromosome 21 SCAF13835, whole genome shotgun sequ
 GR6TTJD01BH3SZ_ci tr|B5XAG4|B5XAG4_SALSA NADH dehydrogenase 1 alpha subcomplex subunit 8 OS
 UN_ci_3467 ---
 UN_ci_3807 ---
 UN_ci_7963 ---
 UN_ci_3002 tr|C7S7A8|C7S7A8_PSEMX Cytochrome c oxidase subunit 1 OS=Psetta maxima Gl
 UN_ci_1564 ---
 GPGRCDD02GZNBC_ci ---
 UN_ci_6321 tr|Q4SPN0|Q4SPN0_TETNG Chromosome 16 SCAF14537, whole genome shotgun sequ
 GR6TTJD01B2K7T_ci tr|A4LP90|A4LP90_BURPS Putative uncharacterized protein OS=Burkholderia
 UN_ci_1893 ---
 UN_ci_2668 ---
 UN_ci_5288 tr|Q4S6R2|Q4S6R2_TETNG Chromosome undetermined SCAF14724, whole genome sl
 UN_ci_8349 tr|Q4SUP7|Q4SUP7_TETNG Chromosome undetermined SCAF13844, whole genome sl
 UN_ci_1483 ---
 UN_ci_5114 tr|A9ZT96|A9ZT96_SOLSE Ribosomal protein L19 OS=Solea senegalensis GN=RPI
 GR6TTJD01CBG1A_ci ---
 GP8I43W03GD3IR_ci ---
 UN_ci_6643 tr|Q4SDA6|Q4SDA6_TETNG Chromosome 1 SCAF14640, whole genome shotgun sequ
 UN_ci_6533 ---
 GP8I43W03GQXV9_ci ---
 UN_ci_1616 ---
 UN_ci_3864 ---
 UN_ci_3600 tr|B5XDC9|B5XDC9_SALSA Peptidyl-prolyl cis-trans isomerase OS=Salmo salar
 GR6TTJD01B79MP_ci ---
 UN_ci_7645 tr|Q7ZV77|Q7ZV77_DANRE Proteasome subunit alpha type OS=Danio rerio GN=p
 UN_ci_6348 tr|Q4S5V3|Q4S5V3_TETNG Chromosome 9 SCAF14729, whole genome shotgun sequ
 GPGRCDD02GSMHM_ci ---
 GR6TTJD01A3DZP_ci tr|Q4TD39|Q4TD39_TETNG Chromosome undetermined SCAF6542, whole genome sh
 UN_ci_2845 ---
 UN_ci_542 tr|COH917|COH917_SALSA Heterogeneous nuclear ribonucleoprotein A/B OS=Sa
 UN_ci_3320 tr|B5XA23|B5XA23_SALSA NADH dehydrogenase flavoprotein 3, mitochondrial (C
 GR6TTJD01BH01V_ci ---
 UN_ci_7939 ---
 UN_ci_4304 ---
 UN_ci_2124 ---
 GR6TTJD01AN08E_ci ---
 UN_ci_4763 tr|C1BX68|C1BX68_ESOLU Ubiquitin thioesterase OTUB1 OS=Esox lucius GN=OTI
 GR6TTJD01CCA19_ci tr|Q4S9P6|Q4S9P6_TETNG Chromosome 2 SCAF14695, whole genome shotgun sequ
 UN_ci_3119 ---
 UN_ci_8285 ---
 UN_ci_19 tr|Q4T0E9|Q4T0E9_TETNG Chromosome undetermined SCAF11177, whole genome sl
 GPGRCDD02HFTBA_ci ---
 UN_ci_3432 tr|Q4T469|Q4T469_TETNG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex
 GR6TTJD01BSRRZ_ci tr|Q6DH63|Q6DH63_DANRE Zgc:92631 OS=Danio rerio GN=zgc:92631 PE=2 SV=1
 UN_ci_6327 sp|B5XAM2|ICT1_SALSA Peptidyl-tRNA hydrolase ICT1, mitochondrial OS=Salm
 UN_ci_279 tr|B5X7W7|B5X7W7_SALSA Mitochondrial inner membrane protease subunit 1 OS

UN_ci_4957	tr B5X159 B5X159_SALSA CREG2 OS=Salmo salar GN=CREG2 PE=2 SV=1
UN_ci_6159	---
GR6TTJD01BOHXQ_ci	---
UN_ci_3591	---
GR6TTJD01AFBJD_ci	tr Q4S252 Q4S252_TETNG Chromosome undetermined SCAF14764, whole genome sl
GR6TTJD01BUS9P_ci	---
UN_ci_3172	---
UN_ci_511	---
UN_ci_8191	tr B5X4D6 B5X4D6_SALSA Proactivator polypeptide OS=Salmo salar GN=SAP PE=
UN_ci_1650	---
UN_ci_6908	---
UN_ci_6312	tr Q4SZ17 Q4SZ17_TETNG Chromosome 2 SCAF11863, whole genome shotgun sequ
GP8I43W03F97KD_ci	tr Q4SKU9 Q4SKU9_TETNG Chromosome undetermined SCAF14565, whole genome sl
UN_ci_1829	---
UN_ci_6364	tr A9ZT86 A9ZT86_SOLSE Ribosomal protein L11 OS=Solea senegalensis GN=RPI
UN_ci_7350	tr C3KJK9 C3KJK9_ANOFI Cytochrome c-b OS=Anoplopoma fimbria GN=CYCB PE=3
GR6TTJD01AZ4KL_ci	tr B3DLG4 B3DLG4_DANRE Wu:fc02b10 protein (Fragment) OS=Danio rerio GN=zi
UN_ci_5995	tr Q4SFE1 Q4SFE1_TETNG Chromosome 2 SCAF14604, whole genome shotgun sequ
UN_ci_7972	tr Q4RN49 Q4RN49_TETNG Chromosome undetermined SCAF15016, whole genome sl
UN_ci_8468	tr C3KIU5 C3KIU5_ANOFI Transcription elongation factor SPT4 OS=Anoplopoma
UN_ci_6843	---
UN_ci_556	tr D6RUV3 D6RUV3_DANRE Strawberry notch homologue 1 OS=Danio rerio GN=sbr
UN_ci_5075	---
UN_ci_3787	---
UN_ci_2688	---
GP8I43W03GDDBY_ci	---
UN_ci_7375	---
UN_ci_5250	tr Q9I8X6 Q9I8X6_9SMEG Cytosine-specific methyltransferase OS=Xiphophoru
UN_ci_4794	---
UN_ci_928	---
UN_ci_4254	---
UN_ci_7829	---
GR6TTJD01AWUVV_ci	tr D6PVQ3 D6PVQ3_EPICO Mitochondrial NADH dehydrogenase 1 subunit C1 OS=I
UN_ci_7255	---
UN_ci_5554	---
UN_ci_8325	tr B5XBF8 B5XBF8_SALSA RNA 3-terminal phosphate cyclase-like protein OS=
UN_ci_1450	---
GR6TTJD01BUL7Q_ci	---
GPGRCD02JW5M4_ci	---
GPGRCD02IF6R9_ci	tr Q4SDP8 Q4SDP8_TETNG Chromosome 10 SCAF14634, whole genome shotgun sequ
UN_ci_5540	tr B5X102 B5X102_SALSA DnaJ homolog subfamily C member 1 OS=Salmo salar (
UN_ci_487	---
UN_ci_4229	---
GPGRCD02GLMOM_ci	tr Q4RQA2 Q4RQA2_TETNG Chromosome 17 SCAF15006, whole genome shotgun sequ
UN_ci_5786	---
UN_ci_2599	---
UN_ci_4784	tr C3KH88 C3KH88_ANOFI Phosphatidylinositol N-acetylglucosaminyltransfer
GR6TTJD01A9KH2_ci	---
GR6TTJD01BNOYL_ci	---
UN_ci_636	---

UN_ci_1152 ---
 UN_ci_1233 ---
 UN_ci_6307 ---
 UN_ci_5426 tr|C3KIE3|C3KIE3_ANOFI Transcription factor A, mitochondrial OS=Anoplopor
 UN_ci_799 ---
 UN_ci_5046 ---
 UN_ci_4214 tr|B5X4I0|B5X4I0_SALSA Transmembrane protein 39B OS=Salmo salar GN=TM39B
 UN_ci_4021 ---
 UN_ci_2483 ---
 UN_ci_5751 tr|Q1HEB6|Q1HEB6_ANGAN Superoxide dismutase OS=Anguilla anguilla PE=2 SV=
 UN_ci_1807 ---
 UN_ci_8602 ---
 UN_ci_7783 ---
 UN_ci_2646 ---
 GR6TTJD01BF9YS_ci ---
 UN_ci_3856 ---
 UN_ci_5124 tr|Q4RFK7|Q4RFK7_TETNG Chromosome 3 SCAF15117, whole genome shotgun sequ
 UN_ci_1625 ---
 UN_ci_7077 tr|COPTZ1|COPTZ1_SALSA Transmembrane emp24 domain-containing protein 10
 UN_ci_597 tr|B5FY04|B5FY04_TAEGU Putative RBX1 protein OS=Taeniopygia guttata PE=4
 UN_ci_7074 tr|Q4S2S8|Q4S2S8_TETNG Chromosome 17 SCAF14760, whole genome shotgun sequ
 UN_ci_666 tr|B4F6P5|B4F6P5_XENTR Putative uncharacterized protein LOC548811 OS=Xenc
 UN_ci_1147 ---
 UN_ci_7571 ---
 UN_ci_1007 ---
 UN_ci_302 ---
 GPGRCDD02GX2GI_ci ---
 GPGRCDD02F2N3P_ci ---
 UN_ci_3903 ---
 UN_ci_7430 ---
 UN_ci_5289 ---
 GPGRCDD02HUECG_ci ---
 UN_ci_7019 tr|C1BLW4|C1BLW4_OSMO Nucleotide-binding protein 2 OS=Osmerus mordax GN=
 UN_ci_5236 ---
 UN_ci_2858 ---
 UN_ci_5101 tr|Q7ZXW3|Q7ZXW3_XENLA Ardl-prov protein OS=Xenopus laevis GN=naa10 PE=2
 GPGRCDD02GCJVR_ci tr|Q4RSA3|Q4RSA3_TETNG Chromosome 13 SCAF15000, whole genome shotgun sequ
 UN_ci_6900 tr|C1BFT8|C1BFT8_ONCMY Probable dimethyladenosine transferase OS=Oncorhy
 UN_ci_3156 ---
 GP8I43W03G9X22_ci ---
 UN_ci_2986 tr|Q4SJ63|Q4SJ63_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
 GR6TTJD01BA355_ci tr|B5XCZ3|B5XCZ3_SALSA 60S ribosomal protein L36 OS=Salmo salar GN=RL36 I
 UN_ci_7389 tr|B5X1B4|B5X1B4_SALSA Zinc finger protein 313 OS=Salmo salar GN=ZN313 PI
 UN_ci_2971 tr|C1BGE1|C1BGE1_ONCMY Apoptosis regulator BAX, membrane isoform alpha OS
 UN_ci_8336 tr|C3KGZ0|C3KGZ0_ANOFI C9orf78 OS=Anoplopoma fimbria GN=CI078 PE=2 SV=1
 GPGRCDD02JCI38_ci ---
 UN_ci_8409 tr|B5XG89|B5XG89_SALSA Dynein light chain roadblock-type 2 OS=Salmo sala
 UN_ci_2883 tr|Q05AP3|Q05AP3_DANRE Zgc:152777 OS=Danio rerio GN=zgc:152777 PE=2 SV=1
 GR6TTJD01AV6BP_ci ---
 UN_ci_5637 ---

GP8I43W03F6ZLV_ci tr|Q4RT41|Q4RT41_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 UN_ci_5152 ---
 UN_ci_4266 ---
 UN_ci_2259 tr|Q4S5R8|Q4S5R8_TETNG Chromosome 9 SCAF14729, whole genome shotgun sequ
 GPGRCD02IZP4I_ci ---
 UN_ci_4287 tr|Q4S8W7|Q4S8W7_TETNG Chromosome 7 SCAF14703, whole genome shotgun sequ
 UN_ci_7918 tr|Q4SU14|Q4SU14_TETNG Chromosome 13 SCAF14044, whole genome shotgun sequ
 UN_ci_8600 ---
 UN_ci_4505 tr|Q4SHZ2|Q4SHZ2_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_1333 ---
 GR6TTJD01B6PF5_ci ---
 GPGRCD02GRD6L_ci ---
 UN_ci_564 tr|Q4RYY3|Q4RYY3_TETNG Chromosome 16 SCAF14974, whole genome shotgun sequ
 UN_ci_5492 tr|C3KK67|C3KK67_ANOFI T-cell leukemia translocation-altered gene protein
 GPGRCD02G5LN6_ci ---
 GR6TTJD01BUMRY_ci tr|C1BM57|C1BM57_OSMO Mitochondrial 39S ribosomal protein L49 OS=Osmorus
 UN_ci_4698 ---
 UN_ci_846 ---
 UN_ci_6439 tr|Q4RJV4|Q4RJV4_TETNG Chromosome 9 SCAF15033, whole genome shotgun sequ
 UN_ci_397 ---
 UN_ci_5521 tr|B9ENS2|B9ENS2_SALSA Thioredoxin OS=Salmo salar GN=THIO PE=4 SV=1
 UN_ci_613 ---
 GR6TTJD01B5R5P_ci tr|C3KIH9|C3KIH9_ANOFI Trafficking protein particle complex subunit 2 OS=Salmo salar
 GR6TTJD01BSP4H_ci ---
 GR6TTJD01ARJYE_ci ---
 UN_ci_6687 tr|Q4RRX9|Q4RRX9_TETNG Chromosome 7 SCAF15001, whole genome shotgun sequ
 GPGRCD02H81KS_ci ---
 UN_ci_1429 ---
 UN_ci_5649 tr|B5XFF1|B5XFF1_SALSA Dynactin subunit 6 OS=Salmo salar GN=DCTN6 PE=2 SV=1
 GPGRCD02GBSCA_ci ---
 UN_ci_5319 ---
 UN_ci_975 tr|Q4SAJ9|Q4SAJ9_TETNG Chromosome undetermined SCAF14683, whole genome sl
 UN_ci_6489 tr|Q4RK67|Q4RK67_TETNG Chromosome 2 SCAF15032, whole genome shotgun sequ
 UN_ci_354 ---
 GPGRCD02IWFUCI_ci tr|Q16WH6|Q16WH6_AEDAE Predicted protein OS=Aedes aegypti GN=AAEL009219 I
 UN_ci_205 ---
 UN_ci_1318 ---
 UN_ci_8082 ---
 GR6TTJD01A0QE6_ci ---
 UN_ci_251 ---
 UN_ci_5336 ---
 UN_ci_5385 tr|Q4S2C5|Q4S2C5_TETNG Chromosome undetermined SCAF14764, whole genome sl
 UN_ci_7040 tr|C3KH72|C3KH72_ANOFI Probable tRNAHis guanylyltransferase OS=Anoplopoma
 GP8I43W03GOL39_ci ---
 UN_ci_245 ---
 GP8I43W03GESPM_ci ---
 UN_ci_8340 ---
 UN_ci_4931 tr|C3KHP4|C3KHP4_ANOFI Homologous-pairing protein 2 homolog OS=Anoplopoma
 UN_ci_2466 ---
 UN_ci_2848 ---

UN_ci_924 ---
 UN_ci_1697 ---
 GP8I43W03HDYYO_ci tr|Q4SK64|Q4SK64_TETNG Chromosome 2 SCAF14570, whole genome shotgun sequ
 UN_ci_3645 tr|C3KJ53|C3KJ53_ANOFI Elongation factor 1-delta OS=Anoplopoma fimbria G
 UN_ci_5025 ---
 UN_ci_7658 tr|Q4S7N0|Q4S7N0_TETNG Chromosome 18 SCAF14712, whole genome shotgun sequ
 UN_ci_2631 tr|Q6YMR2|Q6YMR2_DANRE MCG1346-like protein OS=Danio rerio GN=phf5a PE=2
 UN_ci_8470 ---
 UN_ci_7957 ---
 UN_ci_222 ---
 UN_ci_8780 ---
 UN_ci_3484 ---
 UN_ci_5862 ---
 UN_ci_7844 tr|B4IZ29|B4IZ29_DROGR GH15714 OS=Drosophila grimshawi GN=GH15714 PE=4 S
 UN_ci_7693 tr|C3KK54|C3KK54_ANOFI Deoxyuridine 5-triphosphate nucleotidohydrolase, r
 UN_ci_7615 tr|C3KK00|C3KK00_ANOFI ATP synthase lipid-binding protein, mitochondrial
 UN_ci_2316 ---
 GPGRCDD02IMIRR_ci ---
 UN_ci_5941 ---
 UN_ci_1383 ---
 UN_ci_5346 tr|B7ZSD7|B7ZSD7_XENLA Putative uncharacterized protein LOC100126624 OS=
 GP8I43W03GXV9J_ci tr|Q4STE8|Q4STE8_TETNG Chromosome 19 SCAF14240, whole genome shotgun sequ
 GR6TTJD01A5VQ5_ci ---
 UN_ci_4425 tr|C1BKU7|C1BKU7_OSMO Cellular nucleic acid-binding protein OS=Osmerus r
 GR6TTJD01AQ67E_ci ---
 GPGRCDD02J2JD4_ci ---
 UN_ci_3947 tr|B5X4Q7|B5X4Q7_SALSA Voltage-dependent anion-selective channel protein
 GR6TTJD01BRAIU_ci ---
 UN_ci_8385 tr|Q4RX09|Q4RX09_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequ
 UN_ci_2309 ---
 UN_ci_8617 ---
 GR6TTJD01BAAD9_ci sp|Q5RFV8|CB044_DANRE WD repeat-containing protein C2orf44 homolog OS=Dan
 UN_ci_2238 ---
 UN_ci_6998 tr|B5X4V0|B5X4V0_SALSA F-box only protein 42 OS=Salmo salar GN=FBX42 PE=
 UN_ci_6790 sp|Q8N442|GUF1_HUMAN GTP-binding protein GUF1 homolog OS=Homo sapiens GN=
 GPGRCDD02GTW0E_ci sp|Q7SZE5|SC23A_DANRE Protein transport protein Sec23A OS=Danio rerio GN=
 UN_ci_5196 tr|Q4RI74|Q4RI74_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 GP8I43W03GW0WB_ci ---
 UN_ci_7531 tr|Q4TAC6|Q4TAC6_TETNG Chromosome undetermined SCAF7389, whole genome sh
 UN_ci_4234 ---
 GPGRCDD02GOKZO_ci ---
 UN_ci_7323 ---
 UN_ci_8603 ---
 UN_ci_7539 tr|COH8Y4|COH8Y4_SALSA Serine/threonine-protein kinase VRK3 OS=Salmo sal
 UN_ci_2333 sp|Q2YDS5|SCNM1_DANRE Sodium channel modifier 1 OS=Danio rerio GN=scnm1 I
 GP8I43W03G1Z96_ci tr|Q7ZU63|Q7ZU63_DANRE Zgc:172187 protein (Fragment) OS=Danio rerio GN=ul
 UN_ci_2682 ---
 UN_ci_2886 ---
 UN_ci_8072 tr|C3KHR9|C3KHR9_ANOFI Thioredoxin OS=Anoplopoma fimbria GN=THIO PE=4 SV=
 UN_ci_7646 tr|COPU28|COPU28_SALSA Coatomer subunit alpha (Fragment) OS=Salmo salar (

GR6TTJD01ASIUW_ci tr|Q7SYB8|Q7SYB8_DANRE Zgc:63701 OS=Danio rerio GN=gys1 PE=2 SV=1
 UN_ci_4047 ---
 UN_ci_2167 ---
 UN_ci_814 ---
 UN_ci_5927 ---
 GR6TTJD01ATH6P_ci tr|Q2KKX5|Q2KKX5_SINCH Putative uncharacterized protein (Fragment) OS=Si
 UN_ci_1864 ---
 UN_ci_1934 tr|D7R9Z1|D7R9Z1_GADMO NF-kappa-B inhibitor alpha-like protein (Fragment)
 GPGRCDD02IFNM5_ci ---
 UN_ci_1542 tr|C1BYK7|C1BYK7_ESOLU TP53RK-binding protein OS=Esox lucius GN=TPRKB PE=
 GR6TTJD01B4Z3J_ci ---
 GR6TTJD01BDED4_ci ---
 GR6TTJD01APHZG_ci ---
 UN_ci_4318 ---
 UN_ci_7044 ---
 UN_ci_8493 tr|Q4RJH9|Q4RJH9_TETNG Chromosome 3 SCAF15037, whole genome shotgun sequ
 UN_ci_7103 ---
 UN_ci_1996 tr|Q4SJV2|Q4SJV2_TETNG Chromosome 1 SCAF14573, whole genome shotgun sequ
 GR6TTJD01A1PFR_ci tr|Q803C6|Q803C6_DANRE Coiled-coil domain containing 94 OS=Danio rerio GN=
 UN_ci_1380 ---
 GR6TTJD01A5PIR_ci tr|Q4RLZ7|Q4RLZ7_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
 UN_ci_482 ---
 UN_ci_1087 ---
 GR6TTJD01BKP19_ci ---
 UN_ci_2579 ---
 GR6TTJD01AMPPT_ci sp|Q6NZS4|CV028_DANRE UPF0027 protein C22orf28 homolog OS=Danio rerio GN=
 UN_ci_7073 ---
 UN_ci_6182 tr|Q5U7A7|Q5U7A7_DANRE Exostosin-2 OS=Danio rerio GN=ext2 PE=2 SV=1
 UN_ci_620 tr|C3KI42|C3KI42_ANOFI rRNA-processing protein FCF1 homolog OS=Anoploporoma
 GR6TTJD01AQCWN_ci ---
 UN_ci_4607 ---
 UN_ci_4494 ---
 UN_ci_4728 tr|Q4SJB2|Q4SJB2_TETNG Chromosome 4 SCAF14575, whole genome shotgun sequ
 UN_ci_3553 ---
 UN_ci_7592 ---
 UN_ci_2104 tr|B0S5H0|B0S5H0_DANRE Novel protein similar to H.sapiens CCDC22, coiled-
 UN_ci_2456 tr|Q4SA14|Q4SA14_TETNG Chromosome 12 SCAF14692, whole genome shotgun sequ
 UN_ci_761 ---
 UN_ci_4125 ---
 GR6TTJD01AQIL6_ci tr|COHA22|COHA22_SALSA RNA polymerase-associated protein CTR9 homolog OS=
 GPGRCDD02JXTRV_ci tr|Q803E7|Q803E7_DANRE Zgc:55855 OS=Danio rerio GN=pabpc11 PE=2 SV=1
 UN_ci_3719 ---
 GPGRCDD02H911P_ci ---
 GR6TTJD01BUQN2_ci ---
 GPGRCDD02J4JGL_ci ---
 UN_ci_599 ---
 GR6TTJD01BWTkw_ci ---
 GP8I43W03FM076_ci ---
 UN_ci_6373 ---
 UN_ci_6336 tr|B5DGF1|B5DGF1_SALSA Signal sequence receptor beta OS=Salmo salar GN=s:

UN_ci_7551 ---
 UN_ci_1880 ---
 UN_ci_3409 tr|Q4S8V0|Q4S8V0_TETNG Chromosome 7 SCAF14703, whole genome shotgun sequ
 UN_ci_1064 ---
 UN_ci_2170 ---
 UN_ci_603 ---
 UN_ci_5355 tr|COH944|COH944_SALSA Obg-like ATPase 1 OS=Salmo salar GN=OLA1 PE=2 SV=
 UN_ci_6627 ---
 UN_ci_7863 ---
 UN_ci_7037 tr|B3DH59|B3DH59_DANRE Zgc:194021 OS=Danio rerio GN=tatdn2 PE=2 SV=1
 UN_ci_1223 ---
 UN_ci_127 ---
 UN_ci_3668 tr|C3YIE9|C3YIE9_BRAFL Putative uncharacterized protein OS=Branchiostoma
 UN_ci_5987 ---
 UN_ci_2713 tr|B5XDX4|B5XDX4_SALSA Profilin OS=Salmo salar GN=PROF2 PE=2 SV=1
 UN_ci_8541 tr|C1BKN5|C1BKN5_OSMO B-cell receptor-associated protein 29 OS=Osmorus r
 UN_ci_8816 tr|Q1KKY5|Q1KKY5_TAKRU Mitochondrial ATP synthase F0 complex subunit c is
 UN_ci_7333 tr|A9ZT78|A9ZT78_SOLSE Ribosomal protein L5 OS=Solea senegalensis GN=RPL
 GR6TTJD01AWCRH_ci ---
 UN_ci_4442 ---
 UN_ci_4816 ---
 GR6TTJD01BZU1M_ci ---
 UN_ci_4044 ---
 UN_ci_4902 ---
 GPGRCDD02JY8PS_ci tr|C3ZUZ1|C3ZUZ1_BRAFL Putative uncharacterized protein OS=Branchiostoma
 GR6TTJD01BTDGJ_ci ---
 UN_ci_5682 tr|Q4RKZ5|Q4RKZ5_TETNG Chromosome 1 SCAF15025, whole genome shotgun sequ
 GPGRCDD02IIZ03_ci ---
 UN_ci_7362 ---
 UN_ci_8128 tr|Q6DHI9|Q6DHI9_DANRE Proteasome subunit beta type OS=Danio rerio GN=psr
 UN_ci_8320 tr|C3KJZ4|C3KJZ4_ANOFI Cyclin-dependent kinases regulatory subunit 1 OS=
 UN_ci_5171 ---
 UN_ci_5646 ---
 UN_ci_7263 ---
 UN_ci_3157 tr|B5X9E6|B5X9E6_SALSA Elongation factor 1-beta OS=Salmo salar GN=EF1B PI
 UN_ci_130 ---
 UN_ci_702 tr|Q4S4R7|Q4S4R7_TETNG Chromosome 2 SCAF14738, whole genome shotgun sequ
 UN_ci_8341 tr|Q1LUD0|Q1LUD0_DANRE Interferon-related developmental regulator 1 OS=D
 UN_ci_735 tr|C3KIA0|C3KIA0_ANOFI Diablo homolog, mitochondrial OS=Anoplopoma fimbr
 GPGRCDD02HGDII_ci tr|D4ADE9|D4ADE9_RAT Putative uncharacterized protein Calm1 OS=Rattus noi
 UN_ci_5149 tr|Q4RGX8|Q4RGX8_TETNG Chromosome undetermined SCAF15086, whole genome sl
 UN_ci_8021 tr|A2Q0U0|A2Q0U0_SOLSE Ribosomal protein S25 OS=Solea senegalensis GN=rp
 GR6TTJD01BM756_ci ---
 UN_ci_1607 ---
 GR6TTJD01BYARJ_ci ---
 UN_ci_421 ---
 UN_ci_8347 tr|C3KJC0|C3KJC0_ANOFI Microsomal glutathione S-transferase 3 OS=Anoplop
 UN_ci_1018 tr|Q6IQH9|Q6IQH9_DANRE Zgc:86755 OS=Danio rerio GN=tmed4 PE=2 SV=1
 UN_ci_307 tr|Q4VBR8|Q4VBR8_DANRE Proteasome subunit alpha type OS=Danio rerio GN=p
 GPGRCDD02HGW1H_ci tr|A1A5W3|A1A5W3_DANRE Zgc:158299 OS=Danio rerio GN=zgc:158299 PE=2 SV=1

UN_ci_8126 ---
 UN_ci_3617 tr|Q4S4L6|Q4S4L6_TETNG Chromosome 2 SCAF14738, whole genome shotgun sequ
 UN_ci_146 ---
 UN_ci_6531 tr|C3KK02|C3KK02_ANOFI UPF0414 transmembrane protein C20orf30 homolog OS=
 GR6TTJD01A0XKA_ci ---
 UN_ci_615 tr|Q4RSE6|Q4RSE6_TETNG Chromosome 13 SCAF15000, whole genome shotgun sequ
 GP8I43W03FL70L_ci tr|Q4RLE2|Q4RLE2_TETNG Chromosome 21 SCAF15022, whole genome shotgun sequ
 UN_ci_7904 tr|Q5XGA8|Q5XGA8_XENTR Ribosomal protein S16 OS=Xenopus tropicalis GN=rp:
 GR6TTJD01B1FNW_ci ---
 UN_ci_522 ---
 UN_ci_6030 ---
 UN_ci_8015 ---
 UN_ci_6281 ---
 UN_ci_4589 tr|Q5RIZ5|Q5RIZ5_DANRE Novel protein similar to vertebrate DEAD (Asp-Glu-
 UN_ci_3077 tr|C1BGH7|C1BGH7_ONCMY Prefoldin subunit 1 OS=Oncorhynchus mykiss GN=PF:
 GPGRCDD02HTVWQ_ci ---
 UN_ci_6734 ---
 GR6TTJD01BUU88_ci ---
 UN_ci_2685 sp|P84653|HBA1_COTGO Hemoglobin subunit alpha-1 OS=Cottoperca gobio GN=hl
 GPGRCDD02FKATK_ci ---
 GR6TTJD01APNV7_ci ---
 UN_ci_137 ---
 UN_ci_5933 ---
 UN_ci_5094 ---
 GPGRCDD02HU2GZ_ci ---
 GP8I43W03GQ39J_ci ---
 GR6TTJD01ARGHG_ci ---
 UN_ci_888 ---
 UN_ci_7788 tr|Q7ZX50|Q7ZX50_XENLA LOC444845 protein (Fragment) OS=Xenopus laevis GN=
 UN_ci_1375 sp|A6H7F7|TPC2L_BOVIN Trafficking protein particle complex subunit 2-like
 GR6TTJD01AMK73_ci ---
 GP8I43W03G7W07_ci ---
 UN_ci_715 ---
 UN_ci_5587 ---
 GP8I43W03GTN3Y_ci ---
 UN_ci_400 tr|Q7ZTX2|Q7ZTX2_DANRE Wdr5 protein OS=Danio rerio GN=wdr5 PE=2 SV=1
 GPGRCDD02G9BSL_ci tr|Q4SFM3|Q4SFM3_TETNG Chromosome 7 SCAF14601, whole genome shotgun sequ
 UN_ci_338 tr|C3KJF1|C3KJF1_ANOFI 39S ribosomal protein L53, mitochondrial OS=Anopl
 UN_ci_4712 tr|Q4S7N9|Q4S7N9_TETNG Chromosome 18 SCAF14712, whole genome shotgun sequ
 UN_ci_7802 tr|Q3B7E7|Q3B7E7_DANRE Sorting nexin 3 OS=Danio rerio GN=snx3 PE=2 SV=1
 UN_ci_1545 ---
 UN_ci_3657 tr|Q6DEG5|Q6DEG5_DANRE Polymerase (RNA) II (DNA directed) polypeptide E (
 GR6TTJD01AGZ9H_ci ---
 UN_ci_4354 tr|A9ZT94|A9ZT94_SOLSE Ribosomal protein L18a OS=Solea senegalensis GN=RI
 UN_ci_2846 ---
 UN_ci_2492 ---
 UN_ci_8277 tr|Q4S9J5|Q4S9J5_TETNG Chromosome undetermined SCAF14696, whole genome sl
 UN_ci_7793 tr|Q4RTN0|Q4RTN0_TETNG Chromosome 2 SCAF14997, whole genome shotgun sequ
 GR6TTJD01AKBQL_ci ---
 UN_ci_5636 ---

GP8I43W03F3ZJY_ci ---
 UN_ci_3431 tr|Q4S2G1|Q4S2G1_TETNG Chromosome 17 SCAF14762, whole genome shotgun sequ
 UN_ci_381 ---
 UN_ci_7596 tr|Q4SL28|Q4SL28_TETNG Chromosome 17 SCAF14563, whole genome shotgun sequ
 UN_ci_5361 ---
 UN_ci_4685 tr|Q4RVI5|Q4RVI5_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
 UN_ci_4797 tr|Q4RV92|Q4RV92_TETNG Chromosome 15 SCAF14992, whole genome shotgun sequ
 GR6TTJD01AKCDI_ci ---
 GP8I43W03G0CYO_ci ---
 UN_ci_5584 tr|Q5XJ83|Q5XJ83_DANRE Coiled-coil domain containing 101 OS=Danio rerio (C
 UN_ci_5546 tr|Q67EQ7|Q67EQ7_ORYLA Zinc finger protein 183 OS=Oryzias latipes PE=2 SV=1
 GPGRCDD02I110A_ci ---
 UN_ci_7265 tr|Q4TFC3|Q4TFC3_TETNG Chromosome undetermined SCAF4685, whole genome sh
 UN_ci_3640 ---
 UN_ci_5192 tr|C3KI25|C3KI25_ANOFI Small ubiquitin-related modifier 2 OS=Anoplopoma f
 UN_ci_2310 sp|A8Y5U1|CE051_DANRE UPF0600 protein C5orf51 homolog OS=Danio rerio GN=U
 UN_ci_7801 tr|C1JCT4|C1JCT4_LIZAU Ki-ras-1 OS=Liza aurata PE=2 SV=1
 GPGRCDD02FL6SP_ci ---
 GP8I43W03G1K7U_ci ---
 GR6TTJD01BWOLU_ci tr|Q4SRP9|Q4SRP9_TETNG Chromosome undetermined SCAF14504, whole genome sl
 GR6TTJD01A9W22_ci ---
 UN_ci_8437 ---
 GR6TTJD01CFIQO_ci ---
 UN_ci_4253 ---
 UN_ci_2349 tr|Q4S729|Q4S729_TETNG Chromosome 14 SCAF14723, whole genome shotgun sequ
 UN_ci_5738 ---
 GP8I43W03GARLX_ci ---
 UN_ci_3955 tr|B5XGI5|B5XGI5_SALSA Tetraspanin-7 OS=Salmo salar GN=TSN7 PE=2 SV=1
 UN_ci_2670 tr|Q8AYK8|Q8AYK8_ORYLA ZPC4 OS=Oryzias latipes PE=4 SV=1
 UN_ci_1921 ---
 GPGRCDD02GYVXZ_ci ---
 UN_ci_1158 ---
 GP8I43W03FWRSO_ci ---
 UN_ci_4037 ---
 UN_ci_1005 ---
 UN_ci_4449 ---
 UN_ci_1370 ---
 UN_ci_4346 tr|Q4T232|Q4T232_TETNG Chromosome undetermined SCAF10358, whole genome sl
 UN_ci_5761 ---
 UN_ci_2234 ---
 GPGRCDD02HIWC7_ci ---
 UN_ci_5517 tr|B5X8C8|B5X8C8_SALSA Clorf31 OS=Salmo salar GN=CA031 PE=4 SV=1
 UN_ci_3607 tr|Q08C88|Q08C88_DANRE Zgc:153376 OS=Danio rerio GN=samd13 PE=4 SV=1
 GR6TTJD01B800U_ci ---
 UN_ci_1062 ---
 UN_ci_6619 tr|B6ZIW4|B6ZIW4_ORYLA Aurora kinase B OS=Oryzias latipes GN=aurkb PE=2 SV=1
 UN_ci_2038 ---
 UN_ci_8659 tr|Q4RN09|Q4RN09_TETNG Chromosome 6 SCAF15017, whole genome shotgun sequ
 UN_ci_873 ---
 UN_ci_2577 tr|Q4RQ03|Q4RQ03_TETNG Chromosome 17 SCAF15006, whole genome shotgun sequ

UN_ci_8766	---
UN_ci_5243	tr Q6NYV0 Q6NYV0_DANRE Cox15 protein OS=Danio rerio GN=cox15 PE=2 SV=1
UN_ci_1642	---
UN_ci_4679	---
UN_ci_4001	tr Q2KKU4 Q2KKU4_SINCH Putative uncharacterized protein (Fragment) OS=Sin
GR6TTJD01BNMUT_ci	tr A5H1I0 A5H1I0_PAROL Heat shock protein 90 alpha OS=Paralichthys olivac
UN_ci_3016	tr A2Q0T3 A2Q0T3_SOLSE Ribosomal protein S17 OS=Solea senegalensis GN=rp6
UN_ci_7209	---
GR6TTJD01AUYGM_ci	---
UN_ci_6704	---
GP8I43W03FLQJU_ci	tr Q4RU30 Q4RU30_TETNG Chromosome 1 SCAF14995, whole genome shotgun sequ
GR6TTJD01B7CQ1_ci	---
UN_ci_2410	---
UN_ci_5535	---
UN_ci_53	tr Q4RJN5 Q4RJN5_TETNG Chromosome 10 SCAF15036, whole genome shotgun sequ
UN_ci_839	---
UN_ci_7677	---
UN_ci_2627	tr D3ZN38 D3ZN38_RAT Putative uncharacterized protein Stard5 OS=Rattus no
UN_ci_4856	tr B8A5C9 B8A5C9_DANRE Short coiled-coil protein OS=Danio rerio GN=scoc I
UN_ci_2999	tr A9ZT89 A9ZT89_SOLSE Ribosomal protein L13a OS=Solea senegalensis GN=RI
UN_ci_7167	---
UN_ci_1968	---
UN_ci_876	sp Q7ZUF2 BRD9_DANRE Bromodomain-containing protein 9 OS=Danio rerio GN=I
UN_ci_2182	---
UN_ci_5384	tr B5XFN3 B5XFN3_SALSA Myosin light polypeptide 6B OS=Salmo salar GN=MYL6
UN_ci_3079	tr Q5EBE4 Q5EBE4_XENTR MGC108386 protein OS=Xenopus tropicalis GN=snx12 I
UN_ci_5331	sp Q63ZL3 HRG1A_XENLA Heme transporter hrg1-A OS=Xenopus laevis GN=slc48a
GPGRCD02JNGYI_ci	---
UN_ci_3536	---
GPGRCD02FYAQQ_ci	---
UN_ci_2012	tr Q5RGQ1 Q5RGQ1_DANRE Novel protein similar to vertebrate CD151 antigen
UN_ci_5349	---
UN_ci_6749	---
UN_ci_8295	tr C3KIJ8 C3KIJ8_ANOFI Small nuclear ribonucleoprotein Sm D2 OS=Anoplopor
GP8I43W03GKYWD_ci	---
UN_ci_6516	---
UN_ci_7577	---
UN_ci_2152	---
GR6TTJD01BOW6F_ci	---
UN_ci_547	---
UN_ci_384	---
GPGRCD02JZ1BZ_ci	---
UN_ci_1384	tr C3KHF8 C3KHF8_ANOFI Mitogen-activated protein-binding protein-interact
UN_ci_7516	---
UN_ci_7662	tr C3KIW7 C3KIW7_ANOFI Survival of motor neuron-related-splicing factor 1
UN_ci_4781	tr B5T1N7 B5T1N7_EPICO Mitochondrial cytochrome C oxidase subunit Vb (Fr
UN_ci_7570	tr Q4RN55 Q4RN55_TETNG Chromosome undetermined SCAF15016, whole genome sl
UN_ci_472	tr B7ZUA2 B7ZUA2_XENTR Putative uncharacterized protein LOC549152 OS=Xenc
UN_ci_3751	---
GP8I43W03G8MHM_ci	---

GPGRCD02FQYCC_ci ---
 UN_ci_7945 sp|Q7T3T9|ZAR1_TAKRU Zygote arrest protein 1 OS=Takifugu rubripes GN=zar.
 GPGRCD02INZC1_ci ---
 UN_ci_2821 ---
 UN_ci_6243 ---
 UN_ci_4436 ---
 UN_ci_646 ---
 UN_ci_617 ---
 UN_ci_2440 ---
 UN_ci_4686 sp|Q7ZVK4|VPS36_DANRE Vacuolar protein-sorting-associated protein 36 OS=D
 UN_ci_7684 ---
 UN_ci_7905 tr|Q9IA74|Q9IA74_PAROL 40S ribosomal protein S15A OS=Paralichthys olivace
 UN_ci_2139 tr|Q4SU40|Q4SU40_TETNG Chromosome undetermined SCAF14025, whole genome sl
 UN_ci_4704 ---
 UN_ci_3191 ---
 GR6TTJD01BQ4LU_ci tr|B5X3G5|B5X3G5_SALSA Vacuolar protein sorting-associated protein 41 hor
 GR6TTJD01A23Z0_ci ---
 UN_ci_431 ---
 GR6TTJD01B7J45_ci ---
 UN_ci_6017 tr|Q5BLA7|Q5BLA7_DANRE Zgc:113425 OS=Danio rerio GN=zgc:113425 PE=2 SV=1
 UN_ci_2604 ---
 GR6TTJD01BY3F1_ci ---
 UN_ci_7067 tr|A7XLX5|A7XLX5_PERFV Ribosomal protein large P0-like protein OS=Perca
 GPGRCD02J1L78_ci tr|Q4TDU8|Q4TDU8_TETNG Chromosome undetermined SCAF6029, whole genome sh
 GPGRCD02IURC5_ci tr|Q08BN0|Q08BN0_DANRE Meckel syndrome, type 1 OS=Danio rerio GN=mks1 PE=
 UN_ci_443 tr|Q4SPQ6|Q4SPQ6_TETNG Chromosome 16 SCAF14537, whole genome shotgun sequ
 UN_ci_6502 tr|B5X0S9|B5X0S9_SALSA Aldehyde dehydrogenase family 7 member A1 homolog
 GPGRCD02JY56X_ci ---
 UN_ci_749 ---
 GP8I43W03FXTEX_ci ---
 UN_ci_4527 tr|B3DLP9|B3DLP9_XENTR LOC100170520 protein OS=Xenopus tropicalis GN=LOC.
 UN_ci_6700 ---
 UN_ci_4052 ---
 GR6TTJD01BB4WB_ci ---
 UN_ci_3229 ---
 UN_ci_7552 ---
 UN_ci_2566 tr|C3KGV4|C3KGV4_ANOFI HIG1 domain family member 1A OS=Anoplopoma fimbria
 GPGRCD02JXL3H_ci ---
 UN_ci_2374 tr|Q4S9Z5|Q4S9Z5_TETNG Chromosome undetermined SCAF14693, whole genome sl
 GP8I43W03GR9E0_ci tr|Q4V9J7|Q4V9J7_DANRE Eef1d protein OS=Danio rerio GN=eef1da PE=2 SV=1
 UN_ci_5978 tr|Q7T028|Q7T028_DANRE GDP-fucose protein O-fucosyltransferase 1 OS=Danio
 GR6TTJD01B1SP2_ci ---
 GP8I43W03FKJ83_ci ---
 UN_ci_2930 ---
 UN_ci_1580 tr|B6E1S8|B6E1S8_LARCR Cyclin B1 OS=Larimichthys crocea PE=2 SV=1
 GP8I43W03GVT90_ci ---
 UN_ci_7791 tr|C3KJX5|C3KJX5_ANOFI Probable signal peptidase complex subunit 2 OS=An
 UN_ci_1608 ---
 UN_ci_468 ---
 GR6TTJD01ATZXG_ci ---

UN_ci_8297	tr C3ZHY7 C3ZHY7_BRAFL Putative uncharacterized protein OS=Branchiostoma
UN_ci_6818	---
UN_ci_4073	sp Q9DFS6 IF4EA_DANRE Eukaryotic translation initiation factor 4E-1A OS=I
UN_ci_4340	tr C3KK28 C3KK28_ANOFI Probable ribosome biogenesis protein RLP24 OS=Ano
GPGRCD02JVP1P_ci	tr Q4RLW9 Q4RLW9_TETNG Chromosome 10 SCAF15019, whole genome shotgun sequ
UN_ci_910	tr B5X1B2 B5X1B2_SALSA Phosphoacetylglucosamine mutase OS=Salmo salar GN=
UN_ci_2036	tr D2H1S9 D2H1S9_AILME Putative uncharacterized protein (Fragment) OS=Ai
GPGRCD02F0K2F_ci	---
UN_ci_1752	---
UN_ci_863	tr Q4SS97 Q4SS97_TETNG Chromosome 11 SCAF14479, whole genome shotgun sequ
GP8I43W03G3ZI6_ci	---
GP8I43W03GA7KS_ci	---
UN_ci_3705	---
UN_ci_1834	---
UN_ci_3000	---
GPGRCD02IABZE_ci	---
GR6TTJD01CB8NJ_ci	tr B8XQT3 B8XQT3_LARCR Cdc48 OS=Larimichthys crocea PE=2 SV=1
UN_ci_3697	tr Q4SLR0 Q4SLR0_TETNG Chromosome 15 SCAF14556, whole genome shotgun sequ
GPGRCD02GJN1R_ci	---
UN_ci_2346	---
UN_ci_3062	---
UN_ci_4079	tr Q4RSQ4 Q4RSQ4_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
UN_ci_3808	tr Q6PFU2 Q6PFU2_DANRE Nudix (Nucleoside diphosphate linked moiety X)-ty
GR6TTJD01AN9RP_ci	tr Q4SPL3 Q4SPL3_TETNG Chromosome 16 SCAF14537, whole genome shotgun sequ
UN_ci_5461	---
UN_ci_8192	---
UN_ci_3128	tr Q2HYN5 Q2HYN5 ICTPU Translation factor suil-like OS=Ictalurus punctati
UN_ci_2605	---
UN_ci_4498	tr Q4SBH9 Q4SBH9_TETNG Chromosome 11 SCAF14674, whole genome shotgun sequ
GR6TTJD01BLD4A_ci	---
UN_ci_5727	---
UN_ci_773	---
UN_ci_5510	---
GR6TTJD01ALA7X_ci	tr A0JMP1 A0JMP1_DANRE Zgc:154079 OS=Danio rerio GN=zgc:154079 PE=2 SV=1
UN_ci_8705	tr Q4RXF1 Q4RXF1_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequ
GPGRCD02J27ZA_ci	tr D2GXY5 D2GXY5_AILME Putative uncharacterized protein (Fragment) OS=Ai
UN_ci_8121	tr Q3B745 Q3B745_DANRE Ubiquitin carrier protein OS=Danio rerio GN=zgc:1
GR6TTJD01ASN3U_ci	---
UN_ci_1523	tr Q4S564 Q4S564_TETNG Chromosome 6 SCAF14737, whole genome shotgun sequ
GR6TTJD01B6CM6_ci	---
UN_ci_4355	tr B9EN72 B9EN72_SALSA Transmembrane protein 205 OS=Salmo salar GN=TM205
UN_ci_6322	tr C1BHJ3 C1BHJ3_ONCMY Translocon-associated protein subunit gamma OS=On
GR6TTJD01BGVOG_ci	---
UN_ci_6723	---
UN_ci_7616	sp Q803M5 SAAL1_DANRE Protein saal1 OS=Danio rerio GN=saal1 PE=2 SV=2
UN_ci_4590	tr Q4SBJ7 Q4SBJ7_TETNG Chromosome 15 SCAF14667, whole genome shotgun sequ
UN_ci_5412	---
UN_ci_7301	---
UN_ci_7718	---
UN_ci_4541	---

GR6TTJD01B48C3_ci tr|Q6NV15|Q6NV15_DANRE ATP-binding cassette, sub-family F (GCN20), member
 UN_ci_8721 tr|D3DUM1|D3DUM1_HUMAN Zinc finger, DHHC-type containing 7, isoform CRA_l
 UN_ci_6152 tr|Q6X3F2|Q6X3F2_PAROL Ornithine decarboxylase antizyme small isoform OS=
 GP8I43W03G2JA6_ci ---
 UN_ci_951 ---
 UN_ci_8282 tr|Q7SYK2|Q7SYK2_DANRE C1GALT1-specific chaperone 1 OS=Danio rerio GN=c1g
 GPGRCDD02JVP75_ci ---
 UN_ci_1891 tr|B5X921|B5X921_SALSA Mediator of RNA polymerase II transcription subun:
 UN_ci_3850 ---
 UN_ci_6070 tr|Q4RJL0|Q4RJL0_TETNG Chromosome 3 SCAF15037, whole genome shotgun sequ
 UN_ci_40 ---
 UN_ci_8343 tr|A9ZT85|A9ZT85_SOLSE Ribosomal protein OS=Solea senegalensis GN=RPL10a
 UN_ci_2529 sp|Q7ZWF0|RAE1L_DANRE mRNA export factor OS=Danio rerio GN=rael PE=2 SV=1
 UN_ci_7378 ---
 UN_ci_9 ---
 UN_ci_1620 ---
 UN_ci_1415 tr|Q7T3B1|Q7T3B1_DANRE Novel protein similar to vertebrate proteasome (Pi
 UN_ci_4292 tr|Q499B4|Q499B4_DANRE Vesicle transport through interaction with t-SNARI
 UN_ci_1569 ---
 UN_ci_167 ---
 UN_ci_7109 tr|Q4RH53|Q4RH53_TETNG Chromosome undetermined SCAF15069, whole genome sl
 UN_ci_1511 ---
 GR6TTJD01BVT4A_ci ---
 UN_ci_1000 ---
 UN_ci_3237 ---
 UN_ci_2826 tr|B9EME5|B9EME5_SALSA DNA-directed RNA polymerases I, II, and III subun:
 UN_ci_4496 tr|C1BKN9|C1BKN9_OSMO COP9 signalosome complex subunit 3 OS=Osmerus moro
 UN_ci_7136 ---
 UN_ci_5259 tr|A0EZY9|A0EZY9_PSEMX Ribosomal protein S27 (Fragment) OS=Psetta maxima
 UN_ci_2473 ---
 UN_ci_160 tr|C3KHM0|C3KHM0_ANOFI ATP synthase subunit g, mitochondrial OS=Anoplopor
 GR6TTJD01A4ZSU_ci ---
 UN_ci_5899 sp|Q4VBT2|NOC4L_DANRE Nucleolar complex protein 4 homolog OS=Danio rerio
 UN_ci_2183 ---
 UN_ci_5394 tr|B8A5G8|B8A5G8_DANRE Novel protein similar to vertebrate menage a trois
 UN_ci_4868 ---
 GR6TTJD01CC2BH_ci ---
 GPGRCDD02H079A_ci ---
 GPGRCDD02HWK6Z_ci ---
 UN_ci_5829 tr|Q4RS99|Q4RS99_TETNG Chromosome 13 SCAF15000, whole genome shotgun sequ
 UN_ci_5209 ---
 UN_ci_7118 tr|C1BGL7|C1BGL7_ONCMY N-acetylglucosamine-1-phosphotransferase subunit g
 UN_ci_2859 tr|Q4T8C8|Q4T8C8_TETNG Chromosome undetermined SCAF7833, whole genome sh
 GR6TTJD01AEUYX_ci ---
 UN_ci_5222 ---
 UN_ci_5879 tr|Q0P3U1|Q0P3U1_DANRE Dehydrogenase/reductase (SDR family) member 7 OS=I
 UN_ci_1269 ---
 UN_ci_2972 tr|Q59ER5|Q59ER5_HUMAN WD repeat-containing protein 1 isoform 1 variant
 UN_ci_3325 ---
 UN_ci_6168 ---

GR6TTJD01BHEJH_ci	tr Q5RKP9 Q5RKP9_DANRE	Zgc:101761 OS=Danio rerio GN=zgc:101761 PE=2 SV=1
UN_ci_2798	tr Q4RT21 Q4RT21_TETNG	S-adenosylmethionine synthase OS=Tetraodon nigrov.
GPGRCD02JRTJL_ci	sp Q6P2U9 CSN3_DANRE	COP9 signalosome complex subunit 3 OS=Danio rerio GN=
UN_ci_3420	---	---
GR6TTJD01B9ADC_ci	---	---
GPGRCD02F97DS_ci	---	---
UN_ci_4299	tr B5DGS5 B5DGS5_SALSA	Malate dehydrogenase OS=Salmo salar GN=MDHM PE=2 SV=
GR6TTJD01BWKPX_ci	---	---
UN_ci_4177	---	---
UN_ci_435	tr Q6P3J6 Q6P3J6_DANRE	FK506 binding protein 8 OS=Danio rerio GN=fkbp8 PI
UN_ci_7205	sp Q7T2D4 ERGI2_DANRE	Endoplasmic reticulum-Golgi intermediate compartment
UN_ci_6625	tr Q8AX92 Q8AX92_TAKRU	Putative uncharacterized protein OS=Takifugu rubripes
UN_ci_8484	---	---
UN_ci_601	tr Q8JIZ8 Q8JIZ8_ORENI	Glutamine synthetase OS=Oreochromis niloticus PE=2 SV=
UN_ci_1051	---	---
UN_ci_2490	---	---
UN_ci_3404	tr Q4SC47 Q4SC47_TETNG	Chromosome 14 SCAF14660, whole genome shotgun sequence
GR6TTJD01CCYFW_ci	---	---
GR6TTJD01AU5FX_ci	tr C3KHG9 C3KHG9_ANOFI	Annexin A5 OS=Anoplopoma fimbria GN=ANXA5 PE=2 SV=
UN_ci_7198	---	---
UN_ci_1668	tr C1BWR4 C1BWR4_ESOLU	Tripartite motif-containing protein 25 OS=Esox lucius
UN_ci_24	---	---
GR6TTJD01AE5KJ_ci	tr B5XCH4 B5XCH4_SALSA	Tetratricopeptide repeat protein 9C OS=Salmo salar
UN_ci_2208	tr B5X811 B5X811_SALSA	Growth arrest and DNA-damage-inducible proteins-1
GR6TTJD01BKVAO_ci	---	---
UN_ci_1060	---	---
UN_ci_1510	---	---
UN_ci_8260	tr Q71U69 Q71U69_XENLA	Enhancer of rudimentary homolog OS=Xenopus laevis
UN_ci_5798	tr Q4SPT2 Q4SPT2_TETNG	Chromosome 7 SCAF14536, whole genome shotgun sequence
UN_ci_2975	tr C1BLD2 C1BLD2_OSMO	C20orf24 homolog OS=Osmerus mordax GN=CT024 PE=2 SV=
GR6TTJD01A356K_ci	---	---
UN_ci_8626	tr Q4RM25 Q4RM25_TETNG	Chromosome 10 SCAF15019, whole genome shotgun sequence
UN_ci_3881	---	---
GP8I43W03FPBR9_ci	tr Q4SR92 Q4SR92_TETNG	Chromosome 11 SCAF14528, whole genome shotgun sequence
UN_ci_4092	tr COHA06 COHA06_SALSA	Cleavage stimulation factor 77 kDa subunit OS=Salmo salar
UN_ci_4687	tr Q4T227 Q4T227_TETNG	Chromosome undetermined SCAF10361, whole genome shotgun sequence
GP8I43W03F0J0I_ci	tr Q4SI13 Q4SI13_TETNG	Chromosome 5 SCAF14581, whole genome shotgun sequence
UN_ci_4101	tr 073931 073931_SALSA	U2 small nuclear ribonucleoprotein A OS=Salmo salar
GR6TTJD01BEUY3_ci	---	---
UN_ci_6692	tr Q4SLW7 Q4SLW7_TETNG	Chromosome 13 SCAF14555, whole genome shotgun sequence
UN_ci_2173	---	---
UN_ci_2600	---	---
GR6TTJD01BN1EI_ci	tr B5X138 B5X138_SALSA	UDP-N-acetylglucosamine--dolichyl-phosphate N-acetyltransferase
UN_ci_7495	---	---
GPGRCD02GIJKT_ci	---	---
UN_ci_4322	---	---
UN_ci_4032	---	---
UN_ci_5970	---	---
GPGRCD02I7ZS6_ci	---	---
GR6TTJD01AL37W_ci	---	---

UN_ci_108 tr|Q4RT47|Q4RT47_TETNG Chromosome 12 SCAF14999, whole genome shotgun sequ
 UN_ci_2485 ---
 UN_ci_1080 ---
 UN_ci_5903 tr|Q90XP7|Q90XP7_DANRE UDP-glucose dehydrogenase OS=Danio rerio GN=ugdh I
 UN_ci_5377 ---
 UN_ci_1294 tr|C3KJU5|C3KJU5_ANOFI Biogenesis of lysosome-related organelles complex-
 GPGRCDD02F8SLW_ci tr|Q4S399|Q4S399_TETNG Chromosome 4 SCAF14752, whole genome shotgun sequ
 UN_ci_1742 ---
 GP8I43W03FXX9R_ci tr|C3KJE4|C3KJE4_ANOFI 39S ribosomal protein L40, mitochondrial OS=Anoplo
 UN_ci_7397 tr|Q4RG99|Q4RG99_TETNG Chromosome 12 SCAF15104, whole genome shotgun sequ
 UN_ci_2976 ---
 GPGRCDD02H2XJD_ci tr|C1BHB0|C1BHB0_ONCMY Eukaryotic translation initiation factor 3 subunit
 UN_ci_2765 ---
 UN_ci_8430 ---
 UN_ci_47 ---
 UN_ci_1941 tr|C3KIM8|C3KIM8_ANOFI Tryptophan-rich protein OS=Anoplopoma fimbria GN=I
 UN_ci_7808 ---
 GPGRCDD02JBQQH_ci ---
 GR6TTJD01CAA14_ci tr|Q9I9P2|Q9I9P2_CHICK TGF effector Smad2 (Fragment) OS=Gallus gallus PE-
 UN_ci_8686 tr|Q4SH66|Q4SH66_TETNG Chromosome 8 SCAF14587, whole genome shotgun sequ
 GPGRCDD02F5XQ0_ci ---
 UN_ci_1711 ---
 UN_ci_4076 tr|COHAW1|COHAW1_SALSA 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial (C
 GR6TTJD01AG0XT_ci ---
 UN_ci_3641 tr|C1BX54|C1BX54_ESOLU Ankyrin repeat domain-containing protein 39 OS=Esc
 UN_ci_2034 ---
 UN_ci_2692 ---
 UN_ci_6772 ---
 GP8I43W03F40ZH_ci tr|B5XH20|B5XH20_SALSA UDP-glucuronic acid decarboxylase 1 OS=Salmo salar
 UN_ci_7738 ---
 GR6TTJD01ASRVZ_ci tr|Q4SIH0|Q4SIH0_TETNG Chromosome 5 SCAF14581, whole genome shotgun sequ
 UN_ci_1109 ---
 GP8I43W03GKUGQ_ci ---
 GPGRCDD02IB5HV_ci ---
 GR6TTJD01B2HFH_ci ---
 GR6TTJD01CBQC9_ci tr|Q4JG03|Q4JG03_MOUSE Mcl-1 ubiquitin ligase OS=Mus musculus GN=Huwe1 PI
 GR6TTJD01CEOD0_ci ---
 UN_ci_3168 tr|B5X4P2|B5X4P2_SALSA KIAA0841 OS=Salmo salar GN=K0841 PE=2 SV=1
 UN_ci_5795 ---
 GR6TTJD01A0LV4_ci ---
 UN_ci_5033 ---
 GP8I43W03F84CL_ci ---
 GR6TTJD01CEF0K_ci ---
 UN_ci_3736 tr|Q4SNY1|Q4SNY1_TETNG Chromosome 15 SCAF14542, whole genome shotgun sequ
 UN_ci_369 ---
 UN_ci_7371 tr|Q66I58|Q66I58_DANRE Succinate-CoA ligase, GDP-forming, alpha subunit (C
 GR6TTJD01BTGGA_ci ---
 UN_ci_1924 ---
 UN_ci_4219 tr|Q4RI08|Q4RI08_TETNG Chromosome 8 SCAF15044, whole genome shotgun sequ
 UN_ci_5440 ---

GP8I43W03GKXPP_ci ---
 UN_ci_3758 tr|Q4RHE5|Q4RHE5_TETNG Chromosome 3 SCAF15050, whole genome shotgun sequ
 UN_ci_5583 tr|Q4RXY4|Q4RXY4_TETNG Chromosome 11 SCAF14979, whole genome shotgun sequ
 UN_ci_2791 ---
 UN_ci_2633 ---
 GP8I43W03GKRYR_ci tr|B5XG97|B5XG97_SALSA BET1 homolog OS=Salmo salar GN=BET1 PE=4 SV=1
 UN_ci_3917 tr|A9UMB9|A9UMB9_XENTR LOC100135303 protein OS=Xenopus tropicalis GN=LOC
 GR6TTJD01BA88A_ci ---
 UN_ci_5830 ---
 UN_ci_1954 ---
 UN_ci_8499 tr|A2Q0S7|A2Q0S7_SOLSE 40S ribosomal protein S12 OS=Solea senegalensis G
 UN_ci_5807 ---
 UN_ci_7723 tr|Q4SD82|Q4SD82_TETNG Chromosome 11 SCAF14642, whole genome shotgun sequ
 UN_ci_746 ---
 UN_ci_3633 ---
 UN_ci_6950 sp|Q6PBI2|PDPFB_DANRE Pancreatic progenitor cell differentiation and pro
 UN_ci_6463 tr|Q803G0|Q803G0_DANRE Zgc:55819 OS=Danio rerio GN=erlec1 PE=2 SV=1
 GP8I43W03GAF02_ci ---
 UN_ci_6983 ---
 GR6TTJD01BOMT3_ci ---
 UN_ci_3905 tr|Q800Z2|Q800Z2_PAROL Splicing factor arginine/serine-rich 3 OS=Paralich
 UN_ci_624 tr|Q4RRS9|Q4RRS9_TETNG Chromosome 16 SCAF15002, whole genome shotgun sequ
 UN_ci_6714 tr|Q68J69|Q68J69_PAROL Cathepsin B OS=Paralichthys olivaceus PE=2 SV=1
 UN_ci_8813 ---
 GPGRCD02H0V5Y_ci ---
 UN_ci_6238 ---
 UN_ci_7971 tr|C3KIW5|C3KIW5_ANOFI Eukaryotic translation initiation factor 3 subunit
 UN_ci_2328 ---
 GPGRCD02H8WY5_ci ---
 UN_ci_916 tr|D6RCB6|D6RCB6_HUMAN Putative uncharacterized protein MINA OS=Homo sap
 GR6TTJD01CAUSN_ci tr|C3KH22|C3KH22_ANOFI Ubiquitin thioesterase OTUB2 OS=Anoplopoma fimbria
 UN_ci_196 ---
 GPGRCD02G78WD_ci ---
 UN_ci_2541 ---
 GP8I43W03F1NZA_ci ---
 UN_ci_6146 tr|Q6DEJ9|Q6DEJ9_DANRE Dolichyl-phosphate mannosyltransferase polypeptide
 UN_ci_7834 tr|COPTY4|COPTY4_SALSA Proliferation-associated protein 2G4 (Fragment) OS
 GPGRCD02GC6YA_ci ---
 UN_ci_7308 ---
 UN_ci_4513 ---
 UN_ci_5442 tr|C3KIJ4|C3KIJ4_ANOFI Prohibitin-2 OS=Anoplopoma fimbria GN=PHB2 PE=2 SV
 UN_ci_7702 tr|B9EPJ3|B9EPJ3_SALSA Zinc finger CCHC domain-containing protein 10 OS=6
 UN_ci_729 ---
 GPGRCD02F7VYK_ci ---
 UN_ci_5632 ---
 UN_ci_5217 ---
 UN_ci_2643 ---
 GP8I43W03GNZHW_ci ---
 UN_ci_4671 tr|Q4V8Q4|Q4V8Q4_DANRE Zgc:114204 OS=Danio rerio GN=golt1b PE=2 SV=1
 UN_ci_7031 ---

UN_ci_3659 tr|C3KHB8|C3KHB8_ANOFI Transmembrane protein 134 OS=Anoplopoma fimbria G
 GR6TTJD01AN944_ci ---
 UN_ci_3596 ---
 GPGRCDD02GCN0S_ci ---
 GR6TTJD01A176U_ci ---
 UN_ci_8667 ---
 UN_ci_8744 tr|Q6TGY0|Q6TGY0_DANRE HSPC038 protein OS=Danio rerio GN=LOC51123 PE=2 SV
 GR6TTJD01ANZN4_ci ---
 UN_ci_1021 ---
 GPGRCDD02GQ6J4_ci ---
 UN_ci_8263 tr|C3KJ88|C3KJ88_ANOFI Archease OS=Anoplopoma fimbria GN=ARCH PE=2 SV=1
 UN_ci_7854 ---
 UN_ci_4708 tr|Q4RQ25|Q4RQ25_TETNG Chromosome 17 SCAF15006, whole genome shotgun seq
 UN_ci_7735 ---
 GPGRCDD02H8UST_ci ---
 UN_ci_5113 ---
 UN_ci_3843 ---
 UN_ci_3366 tr|Q4SVJ3|Q4SVJ3_TETNG Chromosome 18 SCAF13757, whole genome shotgun seq
 UN_ci_4166 tr|C1BLR2|C1BLR2_OSMO 3,2-trans-enoyl-CoA isomerase, mitochondrial OS=O
 UN_ci_4061 tr|Q4S1I1|Q4S1I1_TETNG Chromosome 6 SCAF14768, whole genome shotgun sequ
 UN_ci_2534 ---
 UN_ci_4048 tr|B5X3M7|B5X3M7_SALSA Cytosol aminopeptidase OS=Salmo salar GN=AMPL PE=2
 UN_ci_7700 ---
 UN_ci_3560 ---
 UN_ci_1626 tr|B5X9R0|B5X9R0_SALSA C9orf123 homolog OS=Salmo salar GN=CI123 PE=4 SV=1
 GPGRCDD02G5URK_ci tr|B5X270|B5X270_SALSA H/ACA ribonucleoprotein complex subunit 4 OS=Salmo
 UN_ci_8710 ---
 UN_ci_1206 ---
 GR6TTJD01BB8GR_ci ---
 UN_ci_5844 ---
 GR6TTJD01B88Q2_ci ---
 UN_ci_3245 tr|B5X5B4|B5X5B4_SALSA Elongation factor Ts OS=Salmo salar GN=EFTS PE=2 SV=1
 UN_ci_6225 tr|Q1LXI0|Q1LXI0_DANRE Novel protein similar to vertebrate small nuclear
 GR6TTJD01BNZOU_ci ---
 UN_ci_4792 tr|Q4RH57|Q4RH57_TETNG Chromosome undetermined SCAF15069, whole genome sl
 GR6TTJD01BRSVA_ci ---
 UN_ci_719 ---
 UN_ci_3144 tr|Q4T4F0|Q4T4F0_TETNG Chromosome 2 SCAF9675, whole genome shotgun sequer
 UN_ci_322 ---
 UN_ci_7590 ---
 GPGRCDD02I22QE_ci tr|B5X2E0|B5X2E0_SALSA Probable histone deacetylase 1-B OS=Salmo salar G
 UN_ci_776 tr|C3KHL8|C3KHL8_ANOFI NADH dehydrogenase 1 alpha subcomplex subunit 4 OS
 UN_ci_4991 tr|B0S6B1|B0S6B1_DANRE Novel protein (Zgc:153452) OS=Danio rerio GN=DKEYI
 UN_ci_7924 ---
 GR6TTJD01A9IDN_ci tr|C3KJ67|C3KJ67_ANOFI Cystathionine gamma-lyase OS=Anoplopoma fimbria G
 UN_ci_3321 ---
 UN_ci_7342 tr|Q4SGR1|Q4SGR1_TETNG Chromosome 3 SCAF14593, whole genome shotgun sequ
 UN_ci_2189 tr|C3KIZ9|C3KIZ9_ANOFI Ribosomal protein L19 OS=Anoplopoma fimbria GN=RL
 UN_ci_7009 tr|C3KJY7|C3KJY7_ANOFI Trafficking protein particle complex subunit 4 OS=tr
 UN_ci_3963 tr|Q4RK99|Q4RK99_TETNG Chromosome 18 SCAF15030, whole genome shotgun sequ

UN_ci_7322	---
UN_ci_2757	tr B9ENA3 B9ENA3_SALSA p21-activated protein kinase-interacting protein
UN_ci_8595	tr B5X3U0 B5X3U0_SALSA Ubiquitin carrier protein OS=Salmo salar GN=UBC9 I
UN_ci_2980	tr Q7SZX9 Q7SZX9_DANRE FLJ10613-like OS=Danio rerio GN=gnl3l PE=2 SV=1
GR6TTJD01AFF02_ci	---
UN_ci_4155	---
UN_ci_8220	---
GPGRCDD02GQGCY_ci	---
UN_ci_8746	tr Q7T2F5 Q7T2F5_DANRE N-ethylmaleimide sensitive fusion protein attachme
UN_ci_5153	---
UN_ci_2459	tr Q4S8D4 Q4S8D4_TETNG Chromosome undetermined SCAF14706, whole genome sl
UN_ci_3511	---
UN_ci_4455	---
UN_ci_395	tr Q9IA75 Q9IA75_PAROL Ribosomal protein L17 OS=Paralichthys olivaceus PI
UN_ci_8173	tr C3KJ85 C3KJ85_ANOFI 40S ribosomal protein S9 OS=Anoplopoma fimbria GN=
UN_ci_2386	tr Q4REH1 Q4REH1_TETNG Chromosome 10 SCAF15123, whole genome shotgun sequ
UN_ci_5268	---
UN_ci_5810	---
UN_ci_2597	---
UN_ci_883	---
UN_ci_5307	---
UN_ci_5997	---
UN_ci_5785	tr Q7ZVK7 Q7ZVK7_DANRE Peter pan homolog (Drosophila) OS=Danio rerio GN=
UN_ci_2288	---
GR6TTJD01B6495_ci	---
GPGRCDD02IM1C1_ci	---
UN_ci_5362	tr Q4S683 Q4S683_TETNG Chromosome 9 SCAF14729, whole genome shotgun sequ
UN_ci_4688	tr B5XCK1 B5XCK1_SALSA C14orf138 OS=Salmo salar GN=CN138 PE=2 SV=1
UN_ci_5457	tr Q4SC95 Q4SC95_TETNG Chromosome undetermined SCAF14659, whole genome sl
GR6TTJD01BMYA7_ci	---
GR6TTJD01AME7C_ci	---
UN_ci_5175	tr Q4SYG7 Q4SYG7_TETNG Chromosome undetermined SCAF12065, whole genome sl
UN_ci_1835	tr Q4RG43 Q4RG43_TETNG Chromosome 2 SCAF15106, whole genome shotgun sequ
UN_ci_528	---
GPGRCDD02GU599_ci	---
UN_ci_273	---
UN_ci_2592	---
UN_ci_7149	tr C1BIU8 C1BIU8_OSMO Developmentally-regulated GTP-binding protein 2 OS=
UN_ci_2494	tr B5X6H1 B5X6H1_SALSA Cytochrome c oxidase copper chaperone OS=Salmo sa
GPGRCDD02IW3G0_ci	---
UN_ci_1956	---
UN_ci_6333	tr Q7ZWG7 Q7ZWG7_DANRE GlutaminyI-tRNA synthetase OS=Danio rerio GN=qars
GR6TTJD01APXAD_ci	---
UN_ci_1099	---
GR6TTJD01AI5V5_ci	---
UN_ci_2468	---
UN_ci_8274	tr C3KJV2 C3KJV2_ANOFI C3orf68 homolog OS=Anoplopoma fimbria GN=CC068 PE=
GR6TTJD01AM9JY_ci	---
UN_ci_2123	---

GN=mapk15 PE=2 SV=1

GN=GSTENG00003377001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014966001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024925001 PE=4 SV=1

PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00013440001 PE=4 SV=1

:110764) OS=Danio rerio GN=tim44 PE=2 SV=1

mordax GN=YNQF PE=2 SV=1

mbria GN=PPT1 PE=2 SV=1

PE=4 SV=1

mordax GN=KIP1 PE=2 SV=1

3=Epinephelus coioides PE=4 SV=1

8 PE=2 SV=1

=RS8 PE=2 SV=1

t I OS=Anoplopoma fimbria GN=EIF3I PE=2 SV=1

oviridis GN=crfb4 PE=2 SV=1

=Salmo salar GN=PSD4 PE=2 SV=1

7 PE=2 SV=1

244001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031315001 PE=4 SV=1

mitochondrial OS=Anoplopoma fimbria GN=NDUA9 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030206001 PE=4 SV=1
ar GN=IMMT PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00023443001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00020142001 PE=4 SV=1

3=1 SV=2

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00025283001 PE=4 SV=1

a binding protein (Scraps homolog, Drosophila) (ANLN) OS=Danio rerio GN=si:ch211-197n10.2 F

. mitochondrial OS=Esox lucius GN=COX7R PE=4 SV=1

31 PE=2 SV=1

=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031223001 PE=3 SV=1

anio rerio GN=ptcd2 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003540001 PE=4 SV=1
Anoplopoma fimbria GN=ATP5J PE=3 SV=1

2 SV=1

3=Anoplopoma fimbria GN=XIP PE=4 SV=1
GN=SYCP1 PE=2 SV=1

=1

=3 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025267001 PE=4 SV=1

2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010178001 PE=4 SV=1

3=2 SV=1

=2 SV=1

V1A PE=2 SV=1

oplopoma fimbria GN=HSDL2 PE=2 SV=1
opoma fimbria GN=L10K PE=4 SV=1

=cRAF PE=2 SV=1
se OS=Danio rerio GN=melk PE=2 SV=1
notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010523001 PE=4 SV=1

3=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020526001 PE=4 SV=1

SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025511001 PE=4 SV=1

N=EF1D PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00030938001 PE=4 SV=1

GN=MAP1-LC3C PE=2 SV=1
notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024315001 PE=4 SV=1

PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00016104001 PE=4 SV=1
laevis GN=naa16 PE=2 SV=1

1

taneum GN=TcasGA2_TC000449 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024879001 PE=4 SV=1
opoma fimbria GN=C1D PE=2 SV=1
100125043 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022244001 PE=4 SV=1
notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00038513001 PE=4 SV=1

yltransferase subunit DAD1 OS=Osmerus mordax GN=DAD1 PE=4 SV=1

3 PE=2 SV=1
GN=itgblbp1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029930001 PE=3 SV=1

3=4 SV=1
3=2 SV=1

4 PE=2 SV=1
V=1

ia GN=F16P1 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00028981001 PE=4 SV=1
dis GN=GSTENG00013477001 PE=3 SV=1

alis GN=LOC100170503 PE=2 SV=1
talurus punctatus PE=2 SV=1

oria GN=RAN PE=2 SV=1

a GN=PSB1A PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024542001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015362001 PE=4 SV=1
L36A PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023013001 PE=4 SV=1
PE=4 SV=1
PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014630001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018324001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00017354001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026200001 PE=4 SV=1
a fimbria GN=ZDHC4 PE=2 SV=1

chmp4c PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003601001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00030961001 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00008032001 PE=4 SV=1

S=Anoplopoma fimbria GN=PSD13 PE=2 SV=1

=2 SV=1

ence. OS=Tetraodon nigroviridis GN=NKEF PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030100001 PE=4 SV=1

3 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020493001 PE=4 SV=1

DK3 PE=2 SV=1
notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00011891001 PE=4 SV=1

prkcz PE=2 SV=1

161 PE=2 SV=1
t SEC11B OS=Homo sapiens GN=SEC11B PE=5 SV=1
cenp PE=2 SV=1

=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010923001 PE=4 SV=1
OS=Osmerus mordax GN=MD2L2 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00014497001 PE=4 SV=1
5 PE=2 SV=1
1 OS=Osmerus mordax GN=SH3L1 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034706001 PE=4 SV=1

sp60 PE=4 SV=1
) OS=Psetta maxima PE=2 SV=1
lucius GN=FABG PE=2 SV=1
=LOC443622 PE=2 SV=1

is tropicalis GN=lrrc40 PE=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00004538001 PE=4 SV=1

JS=Danio rerio GN=cwc27 PE=2 SV=1

JS=Osmerus mordax GN=T2EB PE=2 SV=1
s marmoratus GN=06-MGMT PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023080001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00006630001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00035787001 PE=4 SV=1

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lar GN=SC61A PE=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00020488001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015448001 PE=4 SV=1

OS=Tetraodon nigroviridis GN=GSTENG00028241001 PE=3 SV=1

viral diarrhea virus GN=p125 PE=2 SV=1

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S=Anoplopoma fimbria GN=ELOC PE=4 SV=1

o rario GN=srp9 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016316001 PE=4 SV=1

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ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031216001 PE=4 SV=1

ides PE=2 SV=1

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GN=CBX3 PE=2 SV=1

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PE=2 SV=1
3=Anoplopoma fimbria GN=PSDE PE=2 SV=1

PE=2 SV=1
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V=1
notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00021873001 PE=4 SV=1
ase OS=Salmo salar GN=MTND PE=2 SV=1
luropoda melanoleuca GN=PANDA_011387 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00035588001 PE=3 SV=1

ivaceus GN=Hsp40A4 PE=2 SV=1

PE=2 SV=1
3TK2 PE=2 SV=1

yltransferase subunit 4 OS=Salmo salar GN=OST4 PE=4 SV=1

PE=2 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00007887001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00017023001 PE=3 SV=1

opoma fimbria GN=LSM5 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00035794001 PE=4 SV=1
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ibunit Tim8 A OS=Oncorhynchus mykiss GN=TIM8A PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024850001 PE=4 SV=1

achus mykiss PE=4 SV=1

s coioides PE=2 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00029735001 PE=4 SV=1

OS=Osmerus mordax GN=TAF11 PE=2 SV=1

2 PE=2 SV=1

=1

opoma fimbria GN=RM30 PE=2 SV=1

lopoma fimbria GN=SAP18 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024147001 PE=4 SV=1

opoma fimbria GN=RM14 PE=2 SV=1

PE=2 SV=1

3=2 SV=1

uperfamily member 2 (THEM2) OS=Danio rerio GN=acot13 PE=4 SV=1

fimbria GN=CSN6 PE=2 SV=1

zfand1 PE=2 SV=1

rerio GN=zgc:111992 PE=2 SV=1

ldc2 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020274001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024150001 PE=3 SV=1

iloticus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031835001 PE=4 SV=1

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otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00006076001 PE=3 SV=1

Salmo salar GN=MARCS PE=2 SV=1

protein OS=Oncorhynchus mykiss GN=UCR11 PE=4 SV=1

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oma fimbria GN=BDH2 PE=2 SV=1

oplopoma fimbria GN=SRP14 PE=4 SV=1

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SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013964001 PE=4 SV=1

V=zgc:193694 PE=3 SV=1

log OS=Salmo salar GN=UTP18 PE=2 SV=1

y protein OS=Anoplopoma fimbria GN=DPM2 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00015265001 PE=4 SV=1

imbria GN=DYL2 PE=4 SV=1

p1 PE=2 SV=1

chondrial OS=Anoplopoma fimbria GN=DHSB PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00015908001 PE=3 SV=1

RFC4 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026970001 PE=4 SV=1

tein 4 OS=Osmerus mordax GN=WIP14 PE=2 SV=1

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-9G4.3 PE=4 SV=1
notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010382001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021635001 PE=3 SV=1
3N=akt1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021492001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028389001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010176001 PE=4 SV=1
picalis GN=eif4a3 PE=2 SV=1

1 PE=2 SV=1

2 PE=2 SV=1
PE=2 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003252001 PE=4 SV=1

kima PE=2 SV=1

=fut9b PE=2 SV=1

n:7148063 PE=2 SV=1

=rpl9 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033770001 PE=4 SV=1

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ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031822001 PE=4 SV=1
salar GN=RT12 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031498001 PE=4 SV=1

PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033686001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027526001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00026727001 PE=3 SV=1

o rerio GN=dhx38 PE=2 SV=1

dum GN=SOD1 PE=2 SV=1

SV=1

I OS=Danio rerio GN=eif3i PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00028899001 PE=4 SV=1

=Osmerus mordax GN=GHITM PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00020063001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032595001 PE=4 SV=1

PE=2 SV=1

opoma fimbria GN=CDC42 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00011542001 PE=4 SV=1

1 PE=2 SV=1

ubunit Tim13 OS=Anoplopoma fimbria GN=TIM13 PE=4 SV=1

floridae GN=BRAFLDRAFT_125176 PE=4 SV=1

RB11A PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022436001 PE=3 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00015941001 PE=4 SV=1

=LGUL PE=2 SV=1
PE=4 SV=1

3C22.5-001 PE=4 SV=1

SV=2

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016015001 PE=4 SV=1

lopoma fimbria GN=ELOF1 PE=4 SV=1
tla PE=2 SV=1
PE=2 SV=1

ded RNA dependent inhibitor, repressor of (P58 repressor) OS=Homo sapiens GN=PRKRIR PE=2 SV=1
notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00009376001 PE=3 SV=1

2 PE=2 SV=1
anoplopoma fimbria GN=HINT1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014208001 PE=4 SV=1

PE=2 SV=1

op PE=2 SV=1

OS=Mus musculus GN=Coq9 PE=1 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00029567001 PE=4 SV=1

3=Osmerus mordax GN=NDUA7 PE=4 SV=1

ochondrial OS=Anoplopoma fimbria GN=ETFA PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025920001 PE=4 SV=1

=fgfrlop2 PE=2 SV=1

luropoda melanoleuca GN=PANDA_000373 PE=4 SV=1

rerio GN=uspl6 PE=3 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00025926001 PE=4 SV=1

laevis GN=wrnip1 PE=2 SV=1

OS=Oncorhynchus mykiss GN=VATL PE=2 SV=1

2 SV=1

2798996 PE=2 SV=1

3=2 SV=1

SV=1

PE=2 SV=1

V=RS3A PE=2 SV=1

) OS=Psetta maxima PE=2 SV=1

PE=2 SV=1

=PSB3 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034434001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034091001 PE=4 SV=1

rerio GN=mpdulb PE=2 SV=1

SV=1

3N=UB2D4 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00025517001 PE=4 SV=1

3 OS=Danio rerio GN=elovl6 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013298001 PE=4 SV=1
s27a PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017093001 PE=4 SV=1

r vitreus PE=2 SV=1

SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020486001 PE=4 SV=1

3almo salar GN=OTC PE=2 SV=1

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211-51h9.6 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00022568001 PE=4 SV=1

L OS=Danio rerio GN=eif3l PE=2 SV=1

salar GN=CAZA1 PE=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00007301001 PE=4 SV=1

Danio rerio GN=apobec2a PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017122001 PE=4 SV=1

oma fimbria GN=PDRG1 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020903001 PE=4 SV=1

l PE=2 SV=1

rop16 PE=3 SV=1

luropoda melanoleuca GN=PANDA_006953 PE=4 SV=1

3C4 PE=2 SV=1

ar GN=PA2G4 PE=2 SV=1

RP19 PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00013803001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026711001 PE=4 SV=1

4 SV=1

it 10 OS=Anoplopoma fimbria GN=MED10 PE=2 SV=1

PE=2 SV=1

a maxima PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018743001 PE=4 SV=1

lucius GN=RM47 PE=2 SV=1

nolog OS=Salmo salar GN=VPS41 PE=2 SV=1

2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00021829001 PE=4 SV=1

M PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00012540001 PE=4 SV=1

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ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00019736001 PE=4 SV=1

pus laevis GN=uba5 PE=2 SV=1

WBS22 PE=2 SV=1

1 homolog OS=Anoplopoma fimbria GN=NSE1 PE=2 SV=1
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ience OS=Tetraodon nigroviridis GN=GSTENG00018392001 PE=4 SV=1
PE=2 SV=1

alar GN=PSME3 PE=2 SV=1

salar GN=T10 PE=2 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00022689001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033383001 PE=3 SV=1

3=2 SV=1

3RK1 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014695001 PE=4 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028349001 PE=3 SV=1

=LOC733408 PE=2 SV=1

3=Tetraodon nigroviridis GN=rcl PE=3 SV=2

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021590001 PE=4 SV=1

PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024610001 PE=4 SV=1

PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00005742001 PE=3 SV=1

2 SV=1

GN=RCJMB04_18k24 PE=4 SV=1

ly OS=Danio rerio GN=CH211-165B19.8-001 PE=3 SV=1

t 5 OS=Taeniopygia guttata PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024602001 PE=4 SV=1

ubunit beta-1 OS=Danio rerio GN=gmb1 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00001016001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024788001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014438001 PE=4 SV=1

ordax GN=TIP1 PE=2 SV=1

=sf3a3 PE=2 SV=1

luropoda melanoleuca GN=PANDA_004337 PE=3 SV=1

OS=Xenopus tropicalis GN=polr2g PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016829001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004757001 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00032873001 PE=4 SV=1

ph PE=2 SV=1

io GN=aif11 PE=2 SV=1

oform OS=Anoplopoma fimbria GN=MLRN PE=2 SV=1

s musculus GN=Epb4.1 PE=2 SV=1

imbria GN=GSTK1 PE=2 SV=1

3 OS=Pongo abelii GN=TOMM20 PE=2 SV=1

oglossus kowalevskii PE=2 SV=1

t G OS=Salmo salar GN=EIF3G PE=2 SV=1

OS=Danio rerio GN=cndp2 PE=2 SV=1

aintenance of chromosomes 6 (SMC6) OS=Danio rerio GN=si:dkey-119f1.1 PE=4 SV=1

salar GN=RM43 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027582001 PE=3 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028701001 PE=4 SV=1

o PE=2 SV=1

nit (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015928001 PE=3 SV=1

PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00035051001 PE=4 SV=1

4 SV=1

rerio GN=ugcg PE=2 SV=1

GN=rpl18 PE=2 SV=2

3=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003570001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009546001 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00017793001 PE=4 SV=1

o GN=bbip10 PE=2 SV=1

ein 4 OS=Osmerus mordax GN=TMBI4 PE=2 SV=1
oria GN=RWDD1 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00032982001 PE=4 SV=1
sapiens GN=CCDC138 PE=1 SV=1
PE=4 SV=1

ined colon cancer antigen 8 OS=Homo sapiens PE=2 SV=1

=FKB1A PE=3 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00018378001 PE=3 SV=1

fimbria GN=SPCS1 PE=4 SV=1

Draft

salar GN=RM52 PE=2 SV=1

PE=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00019223001 PE=4 SV=1

-a PE=2 SV=1

n specific peptidase 39 (USP39) OS=Danio rerio GN=usp39 PE=4 SV=1

0793751 PE=2 SV=1

ria GN=PRDX5 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034911001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024766001 PE=3 SV=1
GN=RCJMB04_19p6 PE=2 SV=1
OS=Salmo salar GN=NDUAB PE=2 SV=1

io GN=zgc:110801 PE=2 SV=1
PE=2 SV=1
PE=2 SV=1

28 PE=2 SV=1
opoma fimbria GN=RM16 PE=2 SV=1

3=2 SV=1
1

OPD PE=4 SV=1

at 1 OS=Anoplopoma fimbria GN=PGRC1 PE=2 SV=1
erio GN=idh3a PE=2 SV=1

GN=CSN4 PE=2 SV=1

41N20.1 PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025358001 PE=4 SV=1

DD45 alpha OS=Salmo salar GN=GA45A PE=2 SV=1
OYR PE=2 SV=1

se, 4 OS=Mus musculus GN=Psmc4 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017123001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029357001 PE=4 SV=1

phatase OS=Anoplopoma fimbria GN=PPAC PE=2 SV=1

V=TM14C PE=4 SV=1

pa3 PE=2 SV=1

3=Danio rerio GN=c3orf33 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00002963001 PE=4 SV=1

V=1

=Anoplopoma fimbria GN=NDUB6 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022824001 PE=3 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00035891001 PE=4 SV=1

GN=hltf PE=4 SV=1

nossambicus PE=2 SV=1

12 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030642001 PE=4 SV=1
xima GN=PP1cb PE=2 SV=1

lon OS=Salmo salar GN=EI2BE PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025145001 PE=4 SV=1

ta PE=2 SV=1

ipes GN=SUM01 PE=4 SV=1

PE=4 SV=1

tochondrial OS=Anoplopoma fimbria GN=SLIRP PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00030807001 PE=4 SV=1

Danio rerio GN=ndufs1 PE=2 SV=1

50 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029413001 PE=3 SV=1

smerus mordax GN=U3IP2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032537001 PE=3 SV=1

3M8A PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00022528001 PE=3 SV=1

itochondrial OS=Anoplopoma fimbria GN=NDUB5 PE=2 SV=1

PE=2 SV=1

gulatory subunit A beta isoform (Fragment) OS=Salmo salar GN=2AAB PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032711001 PE=4 SV=1

Danio rerio GN=ppil4 PE=2 SV=1

SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030193001 PE=4 SV=1

V=YEN9 PE=2 SV=1

2 SV=1

SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00004294001 PE=4 SV=1

5 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00005444001 PE=4 SV=1

rerio GN=ube2v2 PE=2 SV=1

=SERF2 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00021231001 PE=4 SV=1

1G PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034729001 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00035558001 PE=4 SV=1
salar GN=LSM1 PE=2 SV=1

0 PE=2 SV=1

arifer GN=daz1 PE=2 SV=1

GN=rab2a PE=2 SV=1

06 PE=2 SV=1

PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020646001 PE=4 SV=1
alar GN=CHM1B PE=2 SV=1

rdax GN=IFT52 PE=2 SV=1

terminal domain containing (NIFUN) OS=Danio rerio GN=si:ch211-191d15.2 PE=4 SV=1
senegalensis GN=GAPD2 PE=2 SV=1

(S. cerevisiae) OS=Danio rerio GN=rmnd5b PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00020465001 PE=4 SV=1

eukaryotic translation initiation factor 3, subunit 10theta, 150/170kDa (EIF3S10), OS=Macaca
=1

x GN=COMD6 PE=2 SV=1

COPZ1 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00029250001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016226001 PE=4 SV=1

ar GN=TM9S3 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034262001 PE=4 SV=1

nitobiase, di-N-acetyl- (CTBS), OS=Macaca fascicularis PE=2 SV=1

3=Xenopus tropicalis GN=aplm1 PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00019694001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00023858001 PE=4 SV=1

io rerio GN=nusap1 PE=4 SV=1

3=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020521001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00031446001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024782001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033927001 PE=4 SV=1

ia GN=NXT2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029514001 PE=4 SV=1

V=rpl28 PE=2 SV=1

poma fimbria GN=TXND9 PE=2 SV=1

tsi PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030437001 PE=4 SV=1

poma fimbria GN=REEP5 PE=2 SV=1

opoma fimbria GN=PHS PE=3 SV=1

L26 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00018811001 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00006968001 PE=4 SV=1

3ATH domain protein OS=Oncorhynchus mykiss GN=tradd PE=2 SV=1

rio GN=ctu1 PE=2 SV=1

phatase OS=Salmo salar GN=PPAC PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00031888001 PE=4 SV=1

ct PE=2 SV=1

SV=1

corhynchus mykiss GN=TMA20 PE=2 SV=1

mykiss PE=2 SV=1

V=RS28 PE=4 SV=1

1 5 OS=Salmo salar GN=USMG5 PE=4 SV=1

uatsi PE=2 SV=1

ar GN=CAPZB PE=2 SV=1

visiae) OS=Xenopus tropicalis GN=ccrn41 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020840001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034409001 PE=4 SV=1

floridae GN=BRAFLDRAFT_211971 PE=4 SV=1
ys seta PE=2 SV=1

subunit B'' subunit gamma OS=Danio rerio GN=ppp2r3c PE=2 SV=1

imbria GN=RUXG PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00017418001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034700001 PE=4 SV=1
ensis GN=vlgl34024 PE=4 SV=1

s norvegicus GN=LOC686092 PE=4 SV=1
=2 SV=1

i f. nagariensis GN=VOLCADRAFT_93889 PE=4 SV=1

ox lucius GN=ARPC3 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015895001 PE=4 SV=1
=2 SV=1

mykiss GN=BAF PE=4 SV=1
coioides PE=2 SV=1

mbria GN=UPP PE=2 SV=1

a fimbria GN=TEX12 PE=2 SV=1

s musculus GN=2410042D21Rik PE=2 SV=1
erio GN=kpna4 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00031357001 PE=3 SV=1

3 PE=2 SV=1
punctatus PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00026555001 PE=3 SV=1

2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029506001 PE=4 SV=1
AF3 PE=2 SV=1
cerevisiae) OS=Danio rerio GN=iah1 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033020001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014386001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023248001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024220001 PE=4 SV=1
GN=NDC80 PE=2 SV=1
salar GN=cog2 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00015451001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00003506001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010358001 PE=4 SV=1

r 2 OS=Danio rerio GN=abcf2 PE=2 SV=1
ianus GN=cytb PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032795001 PE=4 SV=1

3N=ilvbl PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013913001 PE=4 SV=1

3=2 SV=1

mbria GN=SBDS PE=2 SV=1

yltransferase subunit STT3A OS=Salmo salar GN=STT3A PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013639001 PE=4 SV=1

(TUBE1) OS=Danio rerio GN=tubel PE=3 SV=1

=1

2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014662001 PE=4 SV=1

ntaining 1 OS=Danio rerio GN=gdpd1 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020808001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00023668001 PE=4 SV=1

PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033317001 PE=4 SV=1

ar GN=NTAN1 PE=2 SV=1

dependent) OS=Danio rerio GN=pla2g6 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016999001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009999001 PE=3 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00019333001 PE=4 SV=1

3ps1 PE=2 SV=1

nucleolar RNPs) OS=Xenopus tropicalis GN=nop10 PE=4 SV=1

es GN=surf6 PE=3 SV=1

ing 4 OS=Anoplopoma fimbria GN=PIN4 PE=2 SV=1
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sparus aurata GN=NCCRP-1 PE=2 SV=1

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ria GN=HMGB2 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010805001 PE=4 SV=1

na fimbria GN=MTG1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022057001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00018810001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00028264001 PE=3 SV=1
VTK PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00009848001 PE=4 SV=1

V=znf654 PE=2 SV=1
ticus PE=2 SV=1
3BP PE=2 SV=1
notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00009556001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028388001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024620001 PE=4 SV=1
s PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00016951001 PE=4 SV=1
g235000 PE=3 SV=1
luropoda melanoleuca GN=PANDA_005916 PE=4 SV=1

oria GN=ATIF1 PE=4 SV=1
apiens GN=DNAH10 PE=4 SV=2
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ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015434001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00033252001 PE=4 SV=1

OS=Tetraodon nigroviridis GN=GSTENG00035209001 PE=3 SV=1

100158493 PE=2 SV=1
=2 SV=1

=MAGT1 PE=2 SV=1
pk PE=3 SV=1
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o GN=ell PE=2 SV=1

rdax GN=GDIB PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027336001 PE=4 SV=1
mbicus PE=2 SV=1

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rgus sarba PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025323001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017319001 PE=4 SV=1

oplopoma fimbria GN=IFT20 PE=2 SV=1

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=hvcn1 PE=2 SV=1

PE=2 SV=1

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PL27a PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014947001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018370001 PE=4 SV=1

N=TM45B PE=2 SV=1

luropoda melanoleuca GN=PANDA_003630 PE=4 SV=1

Xenopus tropicalis GN=lsm2 PE=4 SV=1

ar GN=ppplcc PE=2 SV=1

3=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00035697001 PE=4 SV=1

PE=2 SV=1

=Anoplopoma fimbria GN=CDKA2 PE=4 SV=1

=2 SV=1

OS=Oncorhynchus mykiss GN=TAF10 PE=2 SV=1

M2, zgc:77113) OS=Danio rerio GN=pgm2 PE=2 SV=1

a fimbria GN=PRS10 PE=2 SV=1

it RPABC5 OS=Anoplopoma fimbria GN=RPAB5 PE=3 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027061001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00005730001 PE=4 SV=1

=AP1S2 PE=2 SV=1

in-like 1 OS=Osmerus mordax GN=GRL1 PE=3 SV=1

lar GN=IVD PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017805001 PE=4 SV=1
it 20 OS=Salmo salar GN=MED20 PE=2 SV=1
1-223P8.4 PE=4 SV=1

IRP5 PE=2 SV=1

ing protein 7 OS=Anoplopoma fimbria GN=CHCH7 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00022692001 PE=4 SV=1
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PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00026867001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00029628001 PE=4 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034342001 PE=4 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022435001 PE=4 SV=1
GN=prcla PE=2 SV=1
PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00007581001 PE=4 SV=1

√=2

3=2 SV=1
ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033898001 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00025888001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00001229001 PE=4 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018716001 PE=4 SV=1

nbria GN=COMD2 PE=2 SV=1

Draft

=RL7 PE=2 SV=1

PE=2 SV=1

√=RBBP6 PE=2 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00027365001 PE=4 SV=1
esus GN=rplp1 PE=4 SV=1

SV=1
=OSTF1 PE=2 SV=1
3 PE=2 SV=1

GN=crfb5 PE=2 SV=1

sion factor 2 (MYEF2) (Fragment) OS=Danio rerio GN=hnrnpm PE=1 SV=1

oria GN=NPC2 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026307001 PE=4 SV=1

OS=Epinephelus coioides PE=2 SV=1
V=RM34 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034212001 PE=4 SV=1

OS=Takifugu rubripes GN=eif2b2 PE=3 SV=1
notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008434001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018007001 PE=4 SV=1
ZFAN1 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016728001 PE=4 SV=1
sius auratus GN=apc11 PE=4 SV=1
is norvegicus GN=RGD1305464 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034076001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00036631001 PE=4 SV=1

=Esox lucius GN=TPPC2 PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021806001 PE=4 SV=1

Salmo salar GN=ATP5J PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021842001 PE=4 SV=1

opus tropicalis GN=recql4 PE=2 SV=1

x GN=DDX39 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024696001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028405001 PE=4 SV=1

io GN=kdelr2 PE=2 SV=1

N=GLYAT PE=2 SV=1

PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028235001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014485001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026395001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014087001 PE=4 SV=1

Fragment) OS=Gallus gallus GN=ZBTB17 PE=2 SV=1

cription factor IIF, polypeptide 2, 30kDa (GTF2F2, zgc:86775) OS=Danio rerio GN=DKEY-151M22
3=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00004506001 PE=4 SV=1

PE=2 SV=1

is GN=ddx1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030239001 PE=4 SV=1

lar GN=SC61G PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014161001 PE=4 SV=1

x subunit 6 OS=Tetraodon nigroviridis GN=GSTENG00020485001 PE=3 SV=1

n OS=Esox lucius GN=PIPNB PE=2 SV=1

PE=2 SV=1

=Anoplopoma fimbria GN=CT030 PE=2 SV=1

osome 9 open reading frame 64 (C9orf64, zgc:136564) OS=Danio rerio GN=CH211-37P17.6 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026305001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016836001 PE=4 SV=1

containing protein OS=Mus musculus GN=Gm14412 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00024701001 PE=4 SV=1
3563316 PE=2 SV=1

3=2 SV=1
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3=Danio rerio GN=atp6v1ba PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00015100001 PE=4 SV=1

V=UBE2A PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00019795001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027102001 PE=4 SV=1
=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017172001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017018001 PE=3 SV=1

3=Esox lucius GN=TMED2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027669001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020435001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00028592001 PE=4 SV=1

3=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010170001 PE=4 SV=1
APV-2005 GN=rpS20e PE=2 SV=1
rio GN=DKEY-9503.3 PE=4 SV=1
adrial OS=Osmerus mordax GN=ISAM2 PE=2 SV=1
glucosaminophosphotransferase OS=Cricetulus longicaudatus GN=DPAGT1 PE=2 SV=1
rotein OS=Danio rerio GN=lman2la PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028415001 PE=4 SV=1

ria GN=PSMG3 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00019989001 PE=4 SV=1
tsi PE=2 SV=1

, 2, 8kDa OS=Homo sapiens GN=NDUFB2 PE=4 SV=1

=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00032719001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00033822001 PE=4 SV=1

t M OS=Anoplopoma fimbria GN=EIF3M PE=2 SV=1

no salar GN=MECR PE=2 SV=1
3=2 SV=1
SV=1

ima PE=4 SV=1

OS=Anoplopoma fimbria GN=GCSH PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009306001 PE=4 SV=1

OS=Epinephelus coioides PE=2 SV=1

a fimbria GN=GOSR1 PE=2 SV=1

77-13-4 / FGSC 9596 / MPVI) GN=NECHADRAFT_80808 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00036259001 PE=4 SV=1

oplites interruptus GN=Arin-DAB PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023085001 PE=4 SV=1
mordax GN=ARL1 PE=2 SV=1

ent) OS=Takifugu rubripes GN=USP3L PE=4 SV=1
idopsis thaliana GN=At5g45550 PE=2 SV=1
oria GN=FIS1 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008021001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034273001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00020739001 PE=3 SV=1

GN=slc31a1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026953001 PE=4 SV=1
SV=1
PE=2 SV=1
=2 SV=1
orm a OS=Rattus norvegicus GN=LOC294154 PE=2 SV=1

oviridis GN=GSTENG00021872001 PE=3 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014445001 PE=4 SV=1
GN=RCJMB04_29h3 PE=2 SV=1

GN=CDC5L PE=2 SV=1
se 2 OS=Salmo salar PE=2 SV=1
=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00007939001 PE=4 SV=1

3=2 SV=1
groviridis GN=GSTENG00008972001 PE=3 SV=1

OS=Osmerus mordax GN=RPA5 PE=2 SV=1

GN=NSE2 PE=2 SV=1
OS=Paralichthys olivaceus GN=Cctz PE=2 SV=1

oma fimbria GN=RANG PE=2 SV=1

fimbria GN=HSBP1 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00035363001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020104001 PE=4 SV=1
PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00030520001 PE=4 SV=1

OS=Oncorhynchus mykiss GN=IMP3 PE=2 SV=1
=2 SV=1

alis GN=rpl2211 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017334001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00026214001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031959001 PE=4 SV=1
-5-phosphate aldolase homolog (C. elegans) (DERA, zgc:101610) OS=Danio rerio GN=DKEY-150I15

enase (Ubiquinone) 1 alpha subcomplex, assembly factor 1 (NDUFAF1, zgc:113197) OS=Danio rerio
a GN=TUSC2 PE=4 SV=1

io GN=zgc:66022 PE=1 SV=1

ribolium castaneum GN=GLEAN_15765 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015064001 PE=3 SV=1

7 PE=2 SV=1

ment 1 (EXOSC1) OS=Danio rerio GN=exosc1 PE=4 SV=1

anio rerio GN=ofd1 PE=2 SV=1

GN=SPCS3 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034432001 PE=4 SV=1

(Fragment) OS=Homo sapiens PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00010234001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030881001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034101001 PE=4 SV=1

cine-rich repeat protein family OS=Danio rerio GN=DKEY-9I23.3 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020783001 PE=4 SV=1

GN=ZHANG PE=2 SV=1

y' GN=Dj1 PE=2 SV=1

no salar GN=CY1 PE=2 SV=1

√=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00019443001 PE=4 SV=1

romis mossambicus PE=2 SV=1

) PE=2 SV=1

=PSMG1 PE=2 SV=1
√=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032745001 PE=4 SV=1
ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023316001 PE=4 SV=1

SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00003719001 PE=4 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00006838001 PE=4 SV=1

ience OS=Tetraodon nigroviridis GN=GSTENG00028591001 PE=4 SV=1

omplex, subunit d OS=Danio rerio GN=atp5h PE=2 SV=1
s aceratus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030996001 PE=3 SV=1
notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00035068001 PE=4 SV=1

3=Anoplopoma fimbria GN=NDUA1 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020966001 PE=4 SV=1

RNA synthetase (NARS) OS=Danio rerio GN=si:dkey-274m14.2 PE=3 SV=1
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OS=Danio rerio GN=immt PE=2 SV=1

3=Salmo salar GN=VP33A PE=2 SV=1

V=1

ndrial OS=Anoplopoma fimbria GN=NDUS7 PE=2 SV=1

42 PE=3 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029438001 PE=4 SV=1

a fimbria GN=RFA2 PE=2 SV=1

1 nigroviridis GN=GSTENG00023876001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029894001 PE=4 SV=1

lmo salar GN=LAMP2 PE=2 SV=1

g1 PE=2 SV=1

GN=cox7c PE=4 SV=1

rio GN=hmmr PE=2 SV=1
SV=1

Draft

-216e9.4 PE=2 SV=1

=CHLREDRAFT_155068 PE=4 SV=1
PE=1 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00033224001 PE=4 SV=1
GN=RCJMB04_12m17 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032199001 PE=4 SV=1

cr4a PE=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00003596001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009171001 PE=4 SV=1

GN=ATIF1 PE=4 SV=1

) OS=Hypophthalmichthys molitrix PE=2 SV=1

poma fimbria GN=RT21 PE=4 SV=1

icus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029512001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014058001 PE=4 SV=1

nio rerio GN=si:ch211-153j24.6 PE=2 SV=1

adrial OS=Salmo salar GN=NDUS6 PE=2 SV=1

GN=LASS5 PE=1 SV=1

imbria GN=KITM PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029380001 PE=4 SV=1

lar GN=ATAD2 PE=3 SV=1

3=2 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00013272001 PE=4 SV=1

sapiens GN=ABCD4 PE=2 SV=1
PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032508001 PE=4 SV=1
is coioides PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031434001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029551001 PE=4 SV=1

PE=2 SV=1

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notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008805001 PE=4 SV=1

s coioides PE=2 SV=1

mordax GN=CHMP3 PE=2 SV=1

romosomal OS=Anoplopoma fimbria GN=IF1AX PE=2 SV=1

ralichthys olivaceus GN=gtf2a2 PE=3 SV=1

tein OS=Osmerus mordax GN=MCAT PE=2 SV=1
=ak2 PE=2 SV=1
D OS=Danio rerio GN=eif3d PE=2 SV=1

itochondrial OS=Anoplopoma fimbria GN=NDUB8 PE=2 SV=1

3 PE=2 SV=1

2 PE=2 SV=1

31 PE=2 SV=1

V=rab7 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00032331001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023730001 PE=4 SV=1

3=Anoplopoma fimbria GN=MCA1 PE=2 SV=1

nio rerio GN=exd1 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00032803001 PE=4 SV=1

=Tetraodon nigroviridis GN=GSTENG00034408001 PE=3 SV=1

nigroviridis GN=GSTENG00015412001 PE=3 SV=1

erio GN=trappc1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027932001 PE=4 SV=1

ondrial OS=Homo sapiens GN=PNPT1 PE=1 SV=2

ase OS=Esox lucius GN=MTND PE=2 SV=1

o salar GN=CC104 PE=2 SV=1

laevis GN=mcts1-b PE=2 SV=1

3=2 SV=2

AC2 OS=Salmo salar GN=RPAC2 PE=4 SV=1

ec62 PE=2 SV=1
=Psetta maxima GN=tpt1 PE=2 SV=1

imbria GN=PRS8 PE=2 SV=1

OS=Rattus norvegicus GN=Mlh3 PE=4 SV=1
1

SV=1
PE=1 SV=1

3=2 SV=1
=Tetraodon nigroviridis GN=GSTENG00022542001 PE=3 SV=1
31 PE=2 SV=1

PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026260001 PE=4 SV=1
anio rerio GN=arpc4l PE=2 SV=1

OS=Osmerus mordax GN=RPB4 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00015494001 PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023993001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020229001 PE=4 SV=1
3=2 SV=1

PE=2 SV=1

zgc:112185 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00018368001 PE=4 SV=1
V=minal PE=2 SV=1

3N=snrpfl PE=4 SV=1

chondrial OS=Esox lucius GN=COX81 PE=4 SV=1

PE=2 SV=1
3 OS=Xenopus tropicalis GN=pan3 PE=2 SV=1

sp. PE=2 SV=1
3=2 SV=1
=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032218001 PE=4 SV=1

1s GN=PLCXD1 PE=2 SV=1
1 PE=2 SV=1

s GN=GSTENG00018000001 PE=3 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00006203001 PE=4 SV=1
N=WDR82 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00030207001 PE=4 SV=1
1 nigroviridis GN=GSTENG00016122001 PE=3 SV=1

GN=SVIP PE=4 SV=1
1 PE=2 SV=1

ous GN=p53 PE=2 SV=1

OS=Esox lucius GN=ENY2 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020318001 PE=4 SV=1
rubripes PE=2 SV=1

2 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024792001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029244001 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00021930001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017907001 PE=4 SV=1

3 PE=2 SV=1

la) OS=Danio rerio GN=stau1 PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013054001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003182001 PE=4 SV=1

SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00035695001 PE=4 SV=1
1:fi25h02 PE=2 SV=1

salar GN=RT31 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029626001 PE=4 SV=1

PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00019949001 PE=4 SV=1

amidase F OS=Salmo salar GN=PNGF PE=2 SV=1
=4 SV=1

3=Salmo salar GN=DSCR3 PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009758001 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00031762001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015435001 PE=4 SV=1

11-222h17.5 PE=2 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00025277001 PE=3 SV=1

odon nigroviridis GN=GSTENG00018444001 PE=3 SV=1

r GN=PPIB PE=2 SV=1

io GN=ube2l3l PE=2 SV=1

=Anoplopoma fimbria GN=CD2B2 PE=2 SV=1

noA PE=2 SV=1

=Salmo salar GN=IAH1 PE=2 SV=1

opoma fimbria GN=RM5l PE=2 SV=1

miss GN=LYRM2 PE=4 SV=1

√=1

√=TM50A PE=2 SV=1

n. sp. PE=4 SV=1

√=UBL4A PE=2 SV=1

√=AMPM1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033161001 PE=4 SV=1

=Anoplopoma fimbria GN=TPPC3 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017921001 PE=4 SV=1

l PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026366001 PE=4 SV=1

3BP PE=4 SV=1

a GN=TUSC2 PE=4 SV=1

1-147G19.2 PE=4 SV=1

ne receptor interactor 12 (TRIP12) (Fragment) OS=Danio rerio GN=CH211-272F3.4-001 PE=4 SV=1
talurus punctatus PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00021745001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024884001 PE=4 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003714001 PE=3 SV=1

Danio rerio GN=dcp2 PE=2 SV=1
almo salar GN=RPC6 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00019014001 PE=4 SV=1
ience OS=Tetraodon nigroviridis GN=GSTENG00020931001 PE=3 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013131001 PE=4 SV=1

rerio GN=ccdc65 PE=2 SV=2

ence OS=Tetraodon nigroviridis GN=GSTENG00032135001 PE=4 SV=1

opoma fimbria GN=DUS4L PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008026001 PE=4 SV=1

s PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014804001 PE=4 SV=1

n nigroviridis GN=GSTENG00021876001 PE=3 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00009444001 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008193001 PE=4 SV=1
PE=2 SV=1

it 29 OS=Esox lucius GN=MED29 PE=2 SV=1

setta maxima PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018053001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028891001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028508001 PE=4 SV=1

:55663) (Fragment) OS=Danio rerio GN=klhdc10 PE=2 SV=1

drial OS=Thunnus obesus PE=2 SV=1

imbria GN=RING2 PE=2 SV=1

s PE=1 SV=2
(Fragment) OS=Platichthys flesus GN=pgd PE=2 SV=1

PE=2 SV=1

=TMM32 PE=2 SV=1
nit OS=Gallus gallus PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00008790001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016183001 PE=3 SV=1

2 PE=2 SV=1

=1

V=RL22 PE=2 SV=1
d2a PE=2 SV=1
canadum PE=2 SV=1

3=2 SV=1

lus heteroclitus PE=2 SV=1

salar GN=CSDE1 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017399001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014317001 PE=4 SV=1

PE=2 SV=1

V=1

nce. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00005366001 PE=4 SV=1
floridae GN=BRAFLDRAFT_113832 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030230001 PE=4 SV=1
3 OS=Tetraodon nigroviridis GN=nip7 PE=3 SV=1
V=METL5 PE=2 SV=1

-1 subunit 1 OS=Anoplopoma fimbria GN=BL1S1 PE=2 SV=1

3=Oryzias latipes PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032635001 PE=4 SV=1
alis GN=pabpc1 PE=2 SV=1

=2 SV=1

ss GN=AP2S1 PE=2 SV=1

V=BR44L PE=4 SV=1

=2 SV=1

s GN=diol PE=2 SV=1

l15 PE=2 SV=3

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028622001 PE=4 SV=1
ularis PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017779001 PE=4 SV=1
SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00008419001 PE=4 SV=1
xima PE=2 SV=1

nd WD repeat domain 2 (RFWD2, zgc:163067) OS=Danio rerio GN=DKEY-39F8.2 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022210001 PE=4 SV=1
3=2 SV=1

zgc:73187 PE=2 SV=2

Xenopus tropicalis GN=mobkl1b PE=2 SV=1
es GN=aldA PE=2 SV=1
=Oncorhynchus mykiss GN=NDUB4 PE=2 SV=1
=3

ence OS=Tetraodon nigroviridis GN=GSTENG00029374001 PE=4 SV=1
is GN=hsp10 PE=3 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004894001 PE=4 SV=1

GN=rhoac PE=2 SV=1
s punctatus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030695001 PE=3 SV=1

5A4 PE=2 SV=1

V=RL30 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017370001 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00004818001 PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015394001 PE=4 SV=1
3=Anoplopoma fimbria GN=ELOB PE=4 SV=1

MC1 homolog OS=Takifugu rubripes GN=SMC1 PE=4 SV=1

ein sorting 45A (Yeast) (VPS45A) OS=Danio rerio GN=DKEY-200H23.3-001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00016149001 PE=4 SV=1

3=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024382001 PE=4 SV=1

erio GN=pabpcla PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018785001 PE=4 SV=1

talurus punctatus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034106001 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00008786001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00033341001 PE=4 SV=1
polypeptide OS=Danio rerio GN=bckdha PE=2 SV=1
o GN=vps28 PE=2 SV=1
1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004715001 PE=4 SV=1
GN=S2533 PE=2 SV=1

mbria GN=COMD4 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030692001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00018243001 PE=4 SV=1

imbria GN=CRIP1 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00019812001 PE=4 SV=1

V=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00004276001 PE=4 SV=1
alis GN=LOC100127587 PE=2 SV=1

lmo salar GN=DDX39 PE=2 SV=1

V=RBBP6 PE=2 SV=1

r GN=mpp1 PE=2 SV=1

PE=2 SV=1

PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009864001 PE=4 SV=1

is and adenovirus receptor (CXADR) OS=Danio rerio GN=si:ch211-145m1.1 PE=4 SV=1

2 OS=Salmo salar GN=VDAC2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022166001 PE=4 SV=1

PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014210001 PE=4 SV=1

fasciatus GN=CpipJ_CPIJ006503 PE=4 SV=1

=PN01 PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004090001 PE=4 SV=1

3 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00024467001 PE=4 SV=1

ia GN=PSA3 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00017376001 PE=4 SV=1

GN=DNJA1 PE=2 SV=1

3=2 SV=1

SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026966001 PE=4 SV=1

=zgc:109926 PE=1 SV=1

-121B10.3 PE=4 SV=1
2G1 PE=2 SV=1

oma fimbria GN=CIB1 PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015106001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017104001 PE=4 SV=1

V=GP177 PE=2 SV=1
Anoplopoma fimbria GN=CISD1 PE=4 SV=1
=COPE PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00031530001 PE=4 SV=1

l
otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00007500001 PE=4 SV=1

=Danio rerio GN=vps33b PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00031784001 PE=4 SV=1

I9 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00030988001 PE=4 SV=1
GN=prps1b PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017656001 PE=4 SV=1

poma fimbria GN=MSS4 PE=2 SV=1
L PE=2 SV=1
3 PE=2 SV=1

mbria GN=EXOS2 PE=2 SV=1

ndrial OS=Anoplopoma fimbria GN=PRDX3 PE=2 SV=1

ar GN=ANC5 PE=2 SV=1

GN=Zfp560 PE=2 SV=1

L14 PE=2 SV=1

o salar GN=YD286 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026104001 PE=4 SV=1

nce OS=Tetraodon nigroviridis GN=GSTENG00007051001 PE=4 SV=1

GN=crfb1 PE=2 SV=1

odon nigroviridis GN=GSTENG00028335001 PE=3 SV=1

s mykiss GN=socs5 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00032604001 PE=4 SV=1

erio GN=trip13 PE=2 SV=1

3=Salmo salar GN=S61A1 PE=2 SV=1

livaceus GN=VDAC PE=2 SV=1

poma fimbria GN=RM27 PE=2 SV=1

rerio GN=asmt1 PE=3 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010002001 PE=4 SV=1

ax GN=FABPH PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00011516001 PE=4 SV=1

-mannosyltransferase OS=Salmo salar GN=ALG12 PE=2 SV=1

o salar GN=GCDH PE=2 SV=1

=2 SV=1

=RDH3 PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00010378001 PE=4 SV=1

v1 subtype (Fragment) OS=Danio rerio GN=gnav1 PE=2 SV=1

alar GN=CND3 PE=2 SV=1

OS=Osmerus mordax GN=NDUAC PE=2 SV=1

nce. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00007605001 PE=3 SV=1

gment) OS=Salmo salar GN=ZCHC6 PE=2 SV=1

oma fimbria GN=CAZA1 PE=2 SV=1

etraodon nigroviridis GN=GSTENG00023111001 PE=3 SV=1

oclitus PE=2 SV=1

nio rerio GN=lrrc9 PE=4 SV=1

taneum GN=TcasGA2_TC000634 PE=4 SV=1

V=PON2 PE=2 SV=1

lmo salar PE=2 SV=1

PE=2 SV=1
PADRAFT_67260 PE=4 SV=1

orhynchus mykiss GN=GRP78 PE=2 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004291001 PE=4 SV=1

ase/cyclohydrolase, mitochondrial OS=Osmerus mordax GN=MTDC PE=2 SV=1
OS=Pongo abelii GN=GLT1D1 PE=2 SV=1
GN=EMI5 PE=2 SV=1

lmo salar GN=COX19 PE=4 SV=1

GN=ZMAT5 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027361001 PE=3 SV=1

2 SV=1
is mossambicus PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00012247001 PE=3 SV=1
3=Salmo salar GN=NDUA8 PE=2 SV=1

V=COI PE=3 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00014751001 PE=4 SV=1
pseudomallei 305 GN=BURPS305_2067 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00023162001 PE=4 SV=1
otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00012362001 PE=4 SV=1

L19-like2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020129001 PE=4 SV=1

r GN=PPIL3 PE=2 SV=1

sma4 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023567001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003007001 PE=4 SV=1

lmo salar GN=ROAA PE=2 SV=1

JS=Salmo salar GN=NDUV3 PE=4 SV=1

JB1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021791001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009379001 PE=4 SV=1

x subunit 2 OS=Tetraodon nigroviridis GN=GSTENG00007462001 PE=3 SV=1

o salar GN=ict1 PE=2 SV=1

3=Salmo salar GN=IMP1L PE=2 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025252001 PE=4 SV=1

=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00010059001 PE=3 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016545001 PE=4 SV=1

L11 PE=2 SV=1

SV=1

nf280d PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00019140001 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00031736001 PE=4 SV=1

a fimbria GN=SPT4H PE=4 SV=1

no1 PE=2 SV=1

s maculatus x Xiphophorus helleri GN=dnmt-1 PE=2 SV=1

3pinephelus coioides PE=4 SV=1

3salmo salar GN=RCL1 PE=2 SV=1

uence OS=Tetraodon nigroviridis GN=GSTENG00019934001 PE=4 SV=1

GN=DNJC1 PE=2 SV=1

uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030693001 PE=4 SV=1

ase subunit P OS=Anoplopoma fimbria GN=PIGP PE=2 SV=1

na fimbria GN=TFAM PE=2 SV=1

PE=2 SV=1

=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00035276001 PE=4 SV=1

(Fragment) OS=Salmo salar GN=TMEDA PE=2 SV=1
SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024949001 PE=4 SV=1
opus tropicalis GN=tmem87b PE=2 SV=1

=NUBP2 PE=2 SV=1

SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00029794001 PE=4 SV=1
chus mykiss GN=DIMT1 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00017345001 PE=4 SV=1
PE=2 SV=1
3=2 SV=1
3=Oncorhynchus mykiss GN=BAXA PE=2 SV=1

r GN=DLRB2 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029426001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023614001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022158001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00012678001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017922001 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00026737001 PE=4 SV=1

1 homolog OS=Anoplopoma fimbria GN=TCTA PE=4 SV=1

s mordax GN=RM49 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00033260001 PE=4 SV=1

=Anoplopoma fimbria GN=TPPC2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029956001 PE=4 SV=1

V=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021420001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00033110001 PE=3 SV=1

PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025147001 PE=4 SV=1

a fimbria GN=THG1 PE=2 SV=1

a fimbria GN=HOP2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016860001 PE=4 SV=1
V=EF1D PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00022705001 PE=4 SV=1
SV=1

V=1
mitochondrial OS=Anoplopoma fimbria GN=DUT PE=2 SV=1
OS=Anoplopoma fimbria GN=AT5G3 PE=2 SV=1

Xenopus laevis GN=LOC100126624 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00012989001 PE=4 SV=1

nordax GN=CNBP PE=2 SV=1

1 OS=Salmo salar GN=VDAC1 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027613001 PE=3 SV=1

nio rerio GN=si:dkeyp-115a10.2 PE=2 SV=2

2 SV=1
=GUF1 PE=1 SV=1
=sec23a PE=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034003001 PE=4 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004275001 PE=4 SV=1

ar GN=VRK3 PE=2 SV=1
PE=2 SV=1
ob PE=2 SV=1

=1
GN=COPA PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022178001 PE=4 SV=1

1

floridae GN=BRAFLDRAFT_261551 PE=4 SV=1

nordax GN=BAP29 PE=2 SV=1

soform 1 OS=Takifugu rubripes GN=Atp5g1 PE=3 SV=1

5 PE=2 SV=1

floridae GN=BRAFLDRAFT_96468 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032718001 PE=4 SV=1

nb2 PE=2 SV=1

Anoplopoma fimbria GN=CKS1 PE=4 SV=1

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anio rerio GN=ifrd1 PE=2 SV=1

ia GN=DBLOH PE=2 SV=1

rvegicus GN=Calm1 PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034610001 PE=4 SV=1

325 PE=2 SV=1

oma fimbria GN=MGST3 PE=2 SV=1

sma2 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024126001 PE=4 SV=1

=Anoplopoma fimbria GN=CT030 PE=4 SV=1

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ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032527001 PE=3 SV=1

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-Ala-Asp) box polypeptide 1 (DDX1) (Fragment) OS=Danio rerio GN=ddx1 PE=2 SV=1
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nal PE=1 SV=2

=LOC444845 PE=2 SV=1

e protein OS=Bos taurus GN=TRAPPC2L PE=2 SV=1

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otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00001721001 PE=4 SV=1

fimbria GN=SUM02 PE=4 SV=1

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otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00013805001 PE=4 SV=1

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niperca chuatsi PE=2 SV=1
ceus GN=Hsp90alpha PE=2 SV=1
317 PE=2 SV=1

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orvegicus GN=Stard5 PE=4 SV=1
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ting protein OS=Anoplopoma fimbria GN=MAPIP PE=2 SV=1

30 OS=Anoplopoma fimbria GN=SPF30 PE=2 SV=1
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1 PE=2 SV=1

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mus PE=2 SV=1

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mollog OS=Salmo salar GN=VPS41 PE=2 SV=1

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100170520 PE=2 SV=1

a GN=HIG1A PE=4 SV=1

notgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021675001 PE=3 SV=1

o rerio GN=pofut1 PE=2 SV=1

oplopoma fimbria GN=SPCS2 PE=2 SV=1

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Danio rerio GN=eif4ela PE=1 SV=1

plopoma fimbria GN=RLP24 PE=2 SV=1

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luropoda melanoleuca GN=PANDA_003513 PE=4 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00013537001 PE=4 SV=1

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pe motif 9 OS=Danio rerio GN=nudt9 PE=2 SV=1

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luropoda melanoleuca GN=PANDA_001804 PE=4 SV=1

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corhynchus mykiss GN=SSRG PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020941001 PE=4 SV=1

r 1 OS=Danio rerio GN=abcf1 PE=2 SV=1
o OS=Homo sapiens GN=ZDHH7 PE=4 SV=1
=Paralichthys olivaceus PE=2 SV=1

galt1c1 PE=2 SV=1

it 11 OS=Salmo salar GN=MED11 PE=4 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033388001 PE=3 SV=1

PE=2 SV=1

2

osome, macropain) 26S subunit, ATPase, 2 (PSMC2) (Zgc:63995) OS=Danio rerio GN=psmc2 PE=2
s homolog 1A (Yeast) OS=Danio rerio GN=vtila PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034508001 PE=4 SV=1

it RPABC4 OS=Salmo salar GN=RPAB4 PE=4 SV=1
lax GN=CSN3 PE=2 SV=1

PE=2 SV=1

na fimbria GN=ATP5L PE=4 SV=1

GN=noc4l PE=2 SV=1

s homolog 1, cyclin H assembly factor (Xenopus laevis) (MNAT1, zgc:101599) OS=Danio rerio (

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029800001 PE=4 SV=1

gamma OS=Oncorhynchus mykiss GN=GNPTG PE=2 SV=1

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SV=1

3=2 SV=1
nt protein 2 OS=Danio rerio GN=ergic2 PE=2 SV=1
ipes PE=4 SV=1

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ience OS=Tetraodon nigroviridis GN=GSTENG00020671001 PE=4 SV=1

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cius GN=TRI25 PE=2 SV=1

r GN=TTC9C PE=2 SV=1
interacting protein 1 OS=Salmo salar GN=G45IP PE=2 SV=1

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ience OS=Tetraodon nigroviridis GN=GSTENG00014021001 PE=4 SV=1
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ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017893001 PE=4 SV=1
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tylglucosaminephosphotransferase OS=Salmo salar GN=GPT PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00029420001 PE=4 SV=1

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-1 subunit 1 OS=Anoplopoma fimbria GN=BL1S1 PE=2 SV=1

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opoma fimbria GN=RM40 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00034902001 PE=4 SV=1

t 12 OS=Oncorhynchus mykiss GN=IF3C PE=2 SV=1

WRB PE=2 SV=1

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ox lucius GN=ANR39 PE=2 SV=1

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ence OS=Tetraodon nigroviridis GN=GSTENG00034383001 PE=4 SV=1
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V=rpS12 PE=2 SV=1

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liferation factor B OS=Danio rerio GN=ppdpfb PE=2 SV=1

nthys olivaceus PE=2 SV=1
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t E OS=Anoplopoma fimbria GN=EIF3E PE=2 SV=1

iens GN=MINA PE=4 SV=1
a GN=OTUB2 PE=2 SV=1

e 1, catalytic subunit OS=Danio rerio GN=dpml PE=2 SV=1
3=Salmo salar GN=PA2G4 PE=2 SV=1

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V=TM134 PE=2 SV=1

V=1

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smerus mordax GN=D3D2 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00025551001 PE=4 SV=1

2 SV=1

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o salar GN=DKC1 PE=2 SV=1

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RNA activating complex, polypeptide 5, 19kDa (SNAPC5) OS=Danio rerio GN=snapc5 PE=4 SV=1

notgun sequence OS=Tetraodon nigroviridis GN=GSTENG00034503001 PE=3 SV=1

nce OS=Tetraodon nigroviridis GN=GSTENG00007352001 PE=4 SV=1

V=HDA1B PE=2 SV=1

S=Anoplopoma fimbria GN=NDUA4 PE=4 SV=1

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19 PE=2 SV=1

=Anoplopoma fimbria GN=TPPC4 PE=2 SV=1

ience. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033052001 PE=4 SV=1

1-like OS=Salmo salar GN=PK1IP PE=2 SV=1
PE=2 SV=1

ent protein alpha OS=Danio rerio GN=napa PE=2 SV=1

otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022380001 PE=3 SV=1

3=2 SV=1
=RS9 PE=2 SV=1
ience OS=Tetraodon nigroviridis GN=GSTENG00035765001 PE=4 SV=1

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otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00020604001 PE=4 SV=1

otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00010340001 PE=4 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00035024001 PE=4 SV=1

3=Osmerus mordax GN=DRG2 PE=2 SV=1
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IN=mnat1 PE=4 SV=1

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Unigene_UN_xiong_949	10881	2441	0
Unigene_UN_xiong_2637	4241	1501	0
Unigene_UN_xiong_11196	273	19628	0
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Unigene_UN_xiong_3523	4254	1236	0
Unigene_UN_xiong_14868	155	3621	0
Unigene_UN_xiong_14272	233	4341	0
Unigene_UN_xiong_4237	6655	326	0
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Unigene_UN_xiong_1280	2641	765	0
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Unigene_UN_xiong_14978	2492	699	0
Unigene_UN_xiong_11680	139	5026	0
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Unigene_UN_xiong_3637	629	168	1.61E-132
Unigene_UN_xiong_14727	1181	649	7.45E-131
Unigene_UN_xiong_6909	759	271	2.05E-130
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Unigene_UN_xiong_3787	195	1564	8.66E-129
Unigene_UN_xiong_14453	1023	514	2.11E-126
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Unigene_UN_xiong_13451	119	1203	6.88E-117
Unigene_UN_xiong_8419	240	1634	6.92E-117
Unigene_UN_xiong_15660	553	2562	1.51E-115

Unigene_UN_xiong_6273	299	1811	3.33E-115
Unigene_UN_xiong_14616	554	154	4.06E-114
Unigene_UN_xiong_5777	814	366	1.53E-113
Unigene_UN_xiong_15374	794	349	2.50E-113
Unigene_UN_xiong_14859	645	226	8.11E-113
Unigene_UN_xiong_3047	594	187	1.23E-112
Unigene_UN_xiong_2181	1021	564	1.55E-112
Unigene_UN_xiong_14414	2462	7151	2.43E-112
Unigene_UN_xiong_14937	583	180	4.68E-112
Unigene_UN_xiong_14674	614	207	1.12E-110
Unigene_UN_xiong_5020	1176	741	3.99E-108
Unigene_UN_xiong_4401	602	204	4.25E-108
Unigene_UN_xiong_2958	266	1616	2.69E-103
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Unigene_UN_xiong_14569	569	197	1.11E-100
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Unigene_UN_xiong_14334	1216	828	6.22E-99
Unigene_UN_xiong_7854	661	278	1.02E-98
Unigene_UN_xiong_988	1029	631	1.30E-98
Unigene_UN_xiong_2611	1976	1719	3.16E-98
Unigene_UN_xiong_14873	571	207	1.92E-97
Unigene_UN_xiong_15687	309	1692	3.04E-96
Unigene_UN_xiong_5912	518	169	6.64E-96
Unigene_UN_xiong_3634	293	1630	1.88E-94
Unigene_UN_xiong_145	459	135	1.94E-91
Unigene_UN_xiong_790	821	461	3.89E-89
Unigene_UN_xiong_1060	279	1544	5.09E-89
Unigene_UN_xiong_14618	1356	4284	4.92E-88
Unigene_UN_xiong_7465	426	121	4.06E-87
Unigene_UN_xiong_4109	884	535	1.33E-86
Unigene_UN_xiong_9546	1221	908	3.46E-85
Unigene_UN_xiong_1685	741	399	6.15E-85
Unigene_UN_xiong_15543	781	439	9.24E-85
Unigene_UN_xiong_13667	1185	881	8.96E-83
Unigene_UN_xiong_1628	557	240	9.23E-82
Unigene_UN_xiong_15785	542	2215	9.73E-82
Unigene_UN_xiong_7527	637	312	1.18E-81
Unigene_UN_xiong_5941	535	225	2.50E-80
Unigene_UN_xiong_8790	149	1048	7.50E-78
Unigene_UN_xiong_12115	243	1345	9.99E-78
Unigene_UN_xiong_8850	951	655	2.63E-76
Unigene_UN_xiong_2248	463	1949	5.62E-76
Unigene_UN_xiong_10847	697	398	3.56E-74
Unigene_UN_xiong_14812	1115	852	4.45E-74
Unigene_UN_xiong_4643	279	1417	1.44E-73
Unigene_UN_xiong_6978	972	700	2.74E-72
Unigene_UN_xiong_14438	2105	2102	3.91E-72
Unigene_UN_xiong_14383	447	175	7.86E-72
Unigene_UN_xiong_7498	248	1303	1.01E-70
Unigene_UN_xiong_13515	619	2300	1.14E-70
Unigene_UN_xiong_12363	420	157	2.06E-70

Unigene_UN_xiong_14440	1775	1689	2.51E-70
Unigene_UN_xiong_3675	494	221	4.04E-70
Unigene_UN_xiong_8920	541	265	1.03E-69
Unigene_UN_xiong_3105	984	3163	1.21E-68
Unigene_UN_xiong_5545	451	1844	2.44E-68
Unigene_UN_xiong_14490	689	418	9.83E-68
Unigene_UN_xiong_2168	430	173	1.41E-67
Unigene_UN_xiong_6384	675	413	1.88E-65
Unigene_UN_xiong_7707	338	1511	2.40E-65
Unigene_UN_xiong_2119	455	202	3.86E-65
Unigene_UN_xiong_2218	213	1139	1.55E-63
Unigene_UN_xiong_12342	371	138	1.17E-62
Unigene_UN_xiong_9316	679	433	3.66E-62
Unigene_UN_xiong_1570	777	2591	3.77E-62
Unigene_UN_xiong_4494	692	447	4.66E-62
Unigene_UN_xiong_1588	397	1639	5.61E-62
Unigene_UN_xiong_5453	122	841	1.03E-61
Unigene_UN_xiong_14801	681	437	1.27E-61
Unigene_UN_xiong_8994	592	346	1.57E-61
Unigene_UN_xiong_2689	364	137	8.65E-61
Unigene_UN_xiong_6304	584	341	1.16E-60
Unigene_UN_xiong_825	355	131	2.93E-60
Unigene_UN_xiong_10733	917	707	3.43E-60
Unigene_UN_xiong_3878	744	517	3.15E-59
Unigene_UN_xiong_15520	921	719	5.15E-59
Unigene_UN_xiong_12413	312	102	2.59E-58
Unigene_UN_xiong_876	509	277	3.31E-58
Unigene_UN_xiong_14347	5749	12920	6.20E-58
Unigene_UN_xiong_9163	619	392	2.58E-57
Unigene_UN_xiong_14497	568	341	5.47E-57
Unigene_UN_xiong_4932	681	2295	9.76E-57
Unigene_UN_xiong_3436	467	243	1.77E-56
Unigene_UN_xiong_8136	407	188	4.03E-56
Unigene_UN_xiong_5737	336	1417	7.28E-56
Unigene_UN_xiong_11251	198	1028	1.84E-55
Unigene_UN_xiong_4975	426	208	2.46E-55
Unigene_UN_xiong_15308	342	1419	2.20E-54
Unigene_UN_xiong_1201	520	303	2.47E-54
Unigene_UN_xiong_14327	969	814	2.68E-53
Unigene_UN_xiong_14307	839	2621	6.78E-53
Unigene_UN_xiong_5113	529	319	7.69E-53
Unigene_UN_xiong_2520	1151	1044	2.07E-52
Unigene_UN_xiong_142	607	404	2.93E-52
Unigene_UN_xiong_4359	1567	1585	3.70E-52
Unigene_UN_xiong_14308	2896	3434	7.06E-52
Unigene_UN_xiong_4059	327	136	2.52E-50
Unigene_UN_xiong_12070	204	996	1.52E-49
Unigene_UN_xiong_6694	713	538	3.26E-49
Unigene_UN_xiong_10563	598	410	4.72E-49
Unigene_UN_xiong_1586	927	807	4.62E-47
Unigene_UN_xiong_14563	1317	1304	5.05E-47
Unigene_UN_xiong_9359	433	1569	2.72E-46
Unigene_UN_xiong_307	238	1059	6.11E-46
Unigene_UN_xiong_12491	366	189	4.79E-45

Unigene_UN_xiong_15449	350	176	2.09E-44
Unigene_UN_xiong_14271	852	737	4.83E-44
Unigene_UN_xiong_15554	1435	1495	1.50E-43
Unigene_UN_xiong_15692	387	215	1.74E-43
Unigene_UN_xiong_14840	162	823	1.93E-43
Unigene_UN_xiong_14658	392	1433	3.20E-43
Unigene_UN_xiong_15533	152	792	3.26E-43
Unigene_UN_xiong_13462	273	111	3.37E-43
Unigene_UN_xiong_12050	561	405	2.32E-42
Unigene_UN_xiong_9570	1245	1254	2.57E-42
Unigene_UN_xiong_1436	681	545	5.98E-42
Unigene_UN_xiong_14884	242	89	7.50E-42
Unigene_UN_xiong_4179	778	662	7.97E-42
Unigene_UN_xiong_6936	290	130	1.02E-41
Unigene_UN_xiong_2808	570	423	5.69E-41
Unigene_UN_xiong_4039	192	886	6.19E-41
Unigene_UN_xiong_15372	649	516	1.40E-40
Unigene_UN_xiong_2199	165	807	1.72E-40
Unigene_UN_xiong_4453	166	808	2.22E-40
Unigene_UN_xiong_15219	1857	2117	3.37E-40
Unigene_UN_xiong_3384	606	475	4.11E-39
Unigene_UN_xiong_1428	226	954	2.98E-38
Unigene_UN_xiong_14525	1055	1044	3.86E-38
Unigene_UN_xiong_2973	823	746	4.38E-38
Unigene_UN_xiong_557	393	246	1.06E-37
Unigene_UN_xiong_12975	369	221	1.30E-37
Unigene_UN_xiong_14541	397	251	1.99E-37
Unigene_UN_xiong_14313	831	762	2.31E-37
Unigene_UN_xiong_13097	898	848	3.34E-37
Unigene_UN_xiong_6672	448	308	4.86E-37
Unigene_UN_xiong_4304	285	142	9.85E-37
Unigene_UN_xiong_14344	594	480	3.46E-36
Unigene_UN_xiong_7852	234	950	1.12E-35
Unigene_UN_xiong_14299	305	166	1.62E-35
Unigene_UN_xiong_12671	848	810	3.20E-34
Unigene_UN_xiong_14795	585	1784	3.74E-34
Unigene_UN_xiong_3203	1131	1187	6.41E-34
Unigene_UN_xiong_3600	176	778	8.87E-34
Unigene_UN_xiong_14835	328	1170	8.94E-34
Unigene_UN_xiong_14883	304	172	1.00E-33
Unigene_UN_xiong_2239	291	160	1.92E-33
Unigene_UN_xiong_4351	295	166	6.11E-33
Unigene_UN_xiong_3265	318	1130	2.12E-32
Unigene_UN_xiong_15034	395	274	2.58E-32
Unigene_UN_xiong_14710	283	1040	3.86E-32
Unigene_UN_xiong_14441	325	1144	4.32E-32
Unigene_UN_xiong_9964	239	116	4.80E-32
Unigene_UN_xiong_14637	300	176	8.09E-32
Unigene_UN_xiong_14354	529	435	3.07E-31
Unigene_UN_xiong_15039	373	256	3.39E-31
Unigene_UN_xiong_15587	554	1672	3.53E-31
Unigene_UN_xiong_14970	305	184	3.60E-31
Unigene_UN_xiong_9243	787	764	2.02E-30
Unigene_UN_xiong_4995	355	241	3.29E-30

Unigene_UN_xiong_14717	477	381	4.36E-30
Unigene_UN_xiong_3793	240	125	7.99E-30
Unigene_UN_xiong_2413	302	190	3.56E-29
Unigene_UN_xiong_14516	412	314	1.51E-28
Unigene_UN_xiong_3968	433	344	9.32E-28
Unigene_UN_xiong_3503	343	241	1.07E-27
Unigene_UN_xiong_3181	232	126	1.68E-27
Unigene_UN_xiong_1200	335	234	2.46E-27
Unigene_UN_xiong_5589	164	682	4.31E-27
Unigene_UN_xiong_6740	310	211	1.37E-26
Unigene_UN_xiong_13283	255	154	3.26E-26
Unigene_UN_xiong_12762	368	280	9.79E-26
Unigene_UN_xiong_14527	273	176	1.83E-25
Unigene_UN_xiong_662	455	386	2.39E-25
Unigene_UN_xiong_14683	315	223	2.55E-25
Unigene_UN_xiong_1812	529	1527	5.65E-25
Unigene_UN_xiong_14805	716	725	1.15E-24
Unigene_UN_xiong_15786	398	324	2.29E-24
Unigene_UN_xiong_14398	328	245	5.58E-24
Unigene_UN_xiong_3085	342	261	5.75E-24
Unigene_UN_xiong_2677	215	124	1.07E-23
Unigene_UN_xiong_15049	283	198	2.69E-23
Unigene_UN_xiong_14932	1037	1185	5.33E-23
Unigene_UN_xiong_14106	234	149	1.49E-22
Unigene_UN_xiong_14593	686	707	1.83E-22
Unigene_UN_xiong_8117	315	1002	2.63E-22
Unigene_UN_xiong_14444	1570	3640	1.68E-21
Unigene_UN_xiong_7138	441	398	2.29E-21
Unigene_UN_xiong_14995	338	1040	3.95E-21
Unigene_UN_xiong_13092	274	202	9.41E-21
Unigene_UN_xiong_14224	409	365	1.70E-20
Unigene_UN_xiong_4865	259	188	3.60E-20
Unigene_UN_xiong_14907	2105	2812	3.98E-20
Unigene_UN_xiong_8591	543	542	5.88E-20
Unigene_UN_xiong_10069	399	357	7.32E-20
Unigene_UN_xiong_2251	299	933	7.78E-20
Unigene_UN_xiong_13033	748	822	1.22E-19
Unigene_UN_xiong_13924	865	988	1.89E-19
Unigene_UN_xiong_14283	178	640	1.89E-19
Unigene_UN_xiong_1931	588	606	1.90E-19
Unigene_UN_xiong_607	458	436	2.17E-19
Unigene_UN_xiong_3481	286	224	2.19E-19
Unigene_UN_xiong_3495	426	397	3.55E-19
Unigene_UN_xiong_15078	340	291	5.22E-19
Unigene_UN_xiong_6002	340	292	7.97E-19
Unigene_UN_xiong_11708	273	213	9.80E-19
Unigene_UN_xiong_2209	518	525	2.99E-18
Unigene_UN_xiong_6878	343	300	3.40E-18
Unigene_UN_xiong_1494	1096	1338	3.71E-18
Unigene_UN_xiong_14885	855	992	4.42E-18
Unigene_UN_xiong_4084	319	955	4.54E-18
Unigene_UN_xiong_15557	512	519	4.57E-18
Unigene_UN_xiong_1920	316	270	8.34E-18
Unigene_UN_xiong_10414	369	336	1.01E-17

Unigene_UN_xiong_14761	396	371	1.20E-17
Unigene_UN_xiong_983	232	748	1.20E-17
Unigene_UN_xiong_3521	859	2102	2.09E-17
Unigene_UN_xiong_9694	89	389	2.32E-17
Unigene_UN_xiong_15624	462	460	3.07E-17
Unigene_UN_xiong_1043	409	396	1.01E-16
Unigene_UN_xiong_16	313	275	1.34E-16
Unigene_UN_xiong_8569	1036	2445	1.36E-16
Unigene_UN_xiong_8203	321	286	2.00E-16
Unigene_UN_xiong_14899	242	192	3.90E-16
Unigene_UN_xiong_2099	665	751	5.53E-16
Unigene_UN_xiong_11580	330	303	8.97E-16
Unigene_UN_xiong_4533	470	1243	3.74E-15
Unigene_UN_xiong_1942	282	826	7.29E-15
Unigene_UN_xiong_14251	865	1054	8.57E-15
Unigene_UN_xiong_6171	267	232	8.94E-15
Unigene_UN_xiong_889	220	177	1.83E-14
Unigene_UN_xiong_13480	5608	8578	2.75E-14
Unigene_UN_xiong_14731	266	234	2.83E-14
Unigene_UN_xiong_15790	332	318	2.99E-14
Unigene_UN_xiong_2288	244	208	3.95E-14
Unigene_UN_xiong_8411	310	291	3.96E-14
Unigene_UN_xiong_4628	272	243	4.79E-14
Unigene_UN_xiong_14486	560	629	6.03E-14
Unigene_UN_xiong_12764	197	620	6.38E-14
Unigene_UN_xiong_14409	766	929	1.43E-13
Unigene_UN_xiong_7832	158	522	2.05E-13
Unigene_UN_xiong_9969	122	74	2.89E-13
Unigene_UN_xiong_9738	296	281	3.39E-13
Unigene_UN_xiong_14990	174	134	9.14E-13
Unigene_UN_xiong_10741	202	614	1.28E-12
Unigene_UN_xiong_14968	323	323	1.99E-12
Unigene_UN_xiong_2226	216	186	2.20E-12
Unigene_UN_xiong_8120	169	535	2.29E-12
Unigene_UN_xiong_14362	266	251	3.55E-12
Unigene_UN_xiong_14684	271	258	4.47E-12
Unigene_UN_xiong_14784	551	642	5.75E-12
Unigene_UN_xiong_14325	537	627	1.17E-11
Unigene_UN_xiong_11308	370	969	1.18E-11
Unigene_UN_xiong_2360	412	452	1.49E-11
Unigene_UN_xiong_14260	124	417	1.99E-11
Unigene_UN_xiong_6441	176	536	2.82E-11
Unigene_UN_xiong_8985	137	100	2.84E-11
Unigene_UN_xiong_14258	682	844	3.69E-11
Unigene_UN_xiong_9761	781	990	3.82E-11
Unigene_UN_xiong_13205	197	175	9.63E-11
Unigene_UN_xiong_3864	288	293	1.04E-10
Unigene_UN_xiong_4247	156	481	1.39E-10
Unigene_UN_xiong_4642	265	264	1.46E-10
Unigene_UN_xiong_14780	354	384	1.75E-10
Unigene_UN_xiong_14608	533	638	1.93E-10
Unigene_UN_xiong_10903	142	111	2.11E-10
Unigene_UN_xiong_8140	441	507	2.35E-10
Unigene_UN_xiong_6452	449	519	2.36E-10

Unigene_UN_xiong_13318	232	648	2.45E-10
Unigene_UN_xiong_4348	183	161	2.45E-10
Unigene_UN_xiong_14352	242	236	2.65E-10
Unigene_UN_xiong_4599	198	571	3.26E-10
Unigene_UN_xiong_14975	194	175	3.39E-10
Unigene_UN_xiong_13896	191	172	3.57E-10
Unigene_UN_xiong_11376	286	297	4.71E-10
Unigene_UN_xiong_14736	501	1210	4.97E-10
Unigene_UN_xiong_3763	169	148	1.25E-09
Unigene_UN_xiong_14666	185	169	1.31E-09
Unigene_UN_xiong_5310	206	196	1.42E-09
Unigene_UN_xiong_11967	671	856	1.70E-09
Unigene_UN_xiong_15503	1081	2346	2.26E-09
Unigene_UN_xiong_15191	510	623	3.34E-09
Unigene_UN_xiong_14002	259	271	4.89E-09
Unigene_UN_xiong_13661	147	437	7.14E-09
Unigene_UN_xiong_3420	490	599	7.48E-09
Unigene_UN_xiong_1167	331	373	9.43E-09
Unigene_UN_xiong_838	194	187	9.51E-09
Unigene_UN_xiong_4244	236	245	1.87E-08
Unigene_UN_xiong_14687	385	454	1.98E-08
Unigene_UN_xiong_10360	220	592	2.15E-08
Unigene_UN_xiong_2788	248	262	2.17E-08
Unigene_UN_xiong_15787	559	1291	2.23E-08
Unigene_UN_xiong_9146	226	234	2.80E-08
Unigene_UN_xiong_3902	147	428	3.25E-08
Unigene_UN_xiong_13970	379	452	5.87E-08
Unigene_UN_xiong_9643	266	681	6.08E-08
Unigene_UN_xiong_14326	950	1315	6.56E-08
Unigene_UN_xiong_13845	417	508	7.45E-08
Unigene_UN_xiong_12519	187	187	8.77E-08
Unigene_UN_xiong_7476	194	525	9.89E-08
Unigene_UN_xiong_14997	182	181	1.02E-07
Unigene_UN_xiong_1596	289	328	1.22E-07
Unigene_UN_xiong_8683	244	268	2.38E-07
Unigene_UN_xiong_14548	199	208	2.96E-07
Unigene_UN_xiong_891	152	147	3.80E-07
Unigene_UN_xiong_1247	898	1921	4.21E-07
Unigene_UN_xiong_14663	260	648	7.71E-07
Unigene_UN_xiong_29	251	629	8.78E-07
Unigene_UN_xiong_4038	344	818	1.03E-06
Unigene_UN_xiong_10111	155	154	1.06E-06
Unigene_UN_xiong_14374	198	516	1.08E-06
Unigene_UN_xiong_11502	179	187	1.18E-06
Unigene_UN_xiong_14681	209	229	1.34E-06
Unigene_UN_xiong_7586	212	543	1.46E-06
Unigene_UN_xiong_273	248	284	1.64E-06
Unigene_UN_xiong_14856	207	228	2.01E-06
Unigene_UN_xiong_1364	713	983	2.02E-06
Unigene_UN_xiong_14906	169	177	2.43E-06
Unigene_UN_xiong_553	121	343	2.62E-06
Unigene_UN_xiong_15519	193	210	2.86E-06
Unigene_UN_xiong_5132	260	305	3.33E-06
Unigene_UN_xiong_4081	176	458	4.36E-06

Unigene_UN_xiong_4172	420	955	5.41E-06
Unigene_UN_xiong_7949	149	399	5.55E-06
Unigene_UN_xiong_2313	222	254	5.59E-06
Unigene_UN_xiong_6173	210	237	5.63E-06
Unigene_UN_xiong_1756	303	371	5.78E-06
Unigene_UN_xiong_2622	351	442	6.40E-06
Unigene_UN_xiong_4067	143	147	7.62E-06
Unigene_UN_xiong_8071	255	618	7.62E-06
Unigene_UN_xiong_139	292	357	8.27E-06
Unigene_UN_xiong_10103	296	364	9.85E-06
Unigene_UN_xiong_12679	420	946	1.12E-05
Unigene_UN_xiong_14846	121	332	1.30E-05
Unigene_UN_xiong_4693	66	209	1.37E-05
Unigene_UN_xiong_1005	156	404	1.96E-05
Unigene_UN_xiong_3935	264	322	2.03E-05
Unigene_UN_xiong_2996	274	337	2.08E-05
Unigene_UN_xiong_10941	405	533	2.16E-05
Unigene_UN_xiong_15055	120	324	3.24E-05
Unigene_UN_xiong_1512	278	349	4.63E-05
Unigene_UN_xiong_14208	1351	2697	5.68E-05
Unigene_UN_xiong_14470	380	846	6.85E-05
Unigene_UN_xiong_8647	122	322	7.61E-05
Unigene_UN_xiong_4291	340	445	8.19E-05
Unigene_UN_xiong_9232	192	465	0.000113842
Unigene_UN_xiong_14791	606	1279	0.000113925
Unigene_UN_xiong_14619	2290	4415	0.000115013
Unigene_UN_xiong_11417	110	114	0.000123248
Unigene_UN_xiong_14042	202	482	0.000156752
Unigene_UN_xiong_5707	142	358	0.000162563
Unigene_UN_xiong_5437	205	486	0.000198153
Unigene_UN_xiong_14685	287	375	0.000271018
Unigene_UN_xiong_8684	260	336	0.000340404
Unigene_UN_xiong_15755	962	1446	0.000367605
Unigene_UN_xiong_13712	138	343	0.000371784
Unigene_UN_xiong_15511	719	1473	0.000410546
Unigene_UN_xiong_14848	493	1041	0.000455935
Unigene_UN_xiong_13016	535	766	0.000483569
Unigene_UN_xiong_9698	287	381	0.000534225
Unigene_UN_xiong_14737	367	504	0.000549823
Unigene_UN_xiong_1392	352	766	0.000555159
Unigene_UN_xiong_55	236	313	0.001615934
Unigene_UN_xiong_11332	269	366	0.002245386
Unigene_UN_xiong_14228	673	1356	0.002301629
Unigene_UN_xiong_6419	251	339	0.002354303
Unigene_UN_xiong_7955	98	113	0.003254974
Unigene_UN_xiong_4182	127	301	0.003544136
Unigene_UN_xiong_11475	226	496	0.004181513
Unigene_UN_xiong_12390	637	1276	0.004651094
Unigene_UN_xiong_6263	105	125	0.004844714
Unigene_UN_xiong_4289	280	392	0.004998584
Unigene_UN_xiong_1206	158	204	0.005264702
Unigene_UN_xiong_1241	255	549	0.005331294
Unigene_UN_xiong_14951	96	234	0.005945418
Unigene_UN_xiong_11755	277	589	0.006520803

Unigene_UN_xiong_14454	289	410	0.007478477
Unigene_UN_xiong_5406	131	301	0.008042897
Unigene_UN_xiong_2475	219	301	0.008141499
Unigene_UN_xiong_3161	187	255	0.011613861
Unigene_UN_xiong_13344	188	257	0.011913152
Unigene_UN_xiong_3504	150	199	0.012219281
Unigene_UN_xiong_2521	326	474	0.012405025
Unigene_UN_xiong_13725	137	181	0.014376075
Unigene_UN_xiong_14964	256	537	0.016371574
Unigene_UN_xiong_12227	123	278	0.016921315
Unigene_UN_xiong_15334	419	629	0.017471221
Unigene_UN_xiong_5387	361	536	0.018248326
Unigene_UN_xiong_14520	779	1509	0.018838957
Unigene_UN_xiong_4481	174	377	0.018875139
Unigene_UN_xiong_4168	1238	2348	0.018959565
Unigene_UN_xiong_4619	239	502	0.019779951
Unigene_UN_xiong_4204	247	515	0.021615442
Unigene_UN_xiong_5161	205	289	0.021844835
Unigene_UN_xiong_2186	418	838	0.022087708
Unigene_UN_xiong_12936	168	233	0.025519663
Unigene_UN_xiong_14512	964	1537	0.028951514
Unigene_UN_xiong_15667	200	285	0.029863689
Unigene_UN_xiong_14590	529	820	0.033762136
Unigene_UN_xiong_7151	194	406	0.037636371
Unigene_UN_xiong_10090	247	506	0.040760726
Unigene_UN_xiong_7386	179	375	0.046839504
Unigene_UN_xiong_8732	186	387	0.050683503
Unigene_UN_xiong_15471	125	173	0.053851126
Unigene_UN_xiong_12428	157	224	0.05522878
Unigene_UN_xiong_1155	200	411	0.058560121
Unigene_UN_xiong_1113	182	378	0.058840575
Unigene_UN_xiong_14774	383	594	0.072534796
Unigene_UN_xiong_3537	248	373	0.072841397
Unigene_UN_xiong_14834	215	321	0.079932141
Unigene_UN_xiong_10542	163	239	0.087305763
Unigene_UN_xiong_3741	2134	3893	0.104458217
Unigene_UN_xiong_8628	275	426	0.125784195
Unigene_UN_xiong_10425	120	175	0.130662854
Unigene_UN_xiong_10446	209	319	0.135562804
Unigene_UN_xiong_8143	251	492	0.137140144
Unigene_UN_xiong_13417	138	281	0.141207477
Unigene_UN_xiong_13713	742	1384	0.148882573
Unigene_UN_xiong_12237	198	303	0.150260609
Unigene_UN_xiong_12729	159	318	0.167713932
Unigene_UN_xiong_14699	215	332	0.168306626
Unigene_UN_xiong_15043	353	561	0.169107784
Unigene_UN_xiong_13144	185	366	0.170057092
Unigene_UN_xiong_15789	182	279	0.175470187
Unigene_UN_xiong_14804	165	252	0.185899391
Unigene_UN_xiong_3369	1784	2997	0.200604179
Unigene_UN_xiong_14265	251	396	0.220222013
Unigene_UN_xiong_974	166	326	0.223383838
Unigene_UN_xiong_14749	448	726	0.224869645
Unigene_UN_xiong_1333	398	749	0.231346044

Unigene_UN_xiong_15345	220	346	0.238153124
Unigene_UN_xiong_2411	206	397	0.253472577
Unigene_UN_xiong_14887	243	386	0.263141651
Unigene_UN_xiong_6402	127	249	0.308563201
Unigene_UN_xiong_9555	145	282	0.314463503
Unigene_UN_xiong_2889	367	601	0.332810409
Unigene_UN_xiong_4268	2602	4653	0.333706844
Unigene_UN_xiong_8535	107	210	0.350409201
Unigene_UN_xiong_14781	229	432	0.352676075
Unigene_UN_xiong_14802	142	225	0.385420513
Unigene_UN_xiong_15754	200	323	0.388156067
Unigene_UN_xiong_246	230	374	0.39790181
Unigene_UN_xiong_14038	241	393	0.409201762
Unigene_UN_xiong_8922	296	548	0.431270204
Unigene_UN_xiong_5489	220	411	0.431938809
Unigene_UN_xiong_9226	136	259	0.433003363
Unigene_UN_xiong_5353	168	316	0.449992061
Unigene_UN_xiong_14638	135	254	0.493846498
Unigene_UN_xiong_12384	197	366	0.511188034
Unigene_UN_xiong_15516	127	206	0.531128936
Unigene_UN_xiong_10473	236	391	0.53363664
Unigene_UN_xiong_15136	269	447	0.534317246
Unigene_UN_xiong_9158	103	167	0.569412057
Unigene_UN_xiong_6083	132	216	0.577541069
Unigene_UN_xiong_9652	636	1141	0.587453667
Unigene_UN_xiong_9456	338	613	0.589745415
Unigene_UN_xiong_14881	569	966	0.59568812
Unigene_UN_xiong_13635	153	281	0.653488546
Unigene_UN_xiong_5614	226	383	0.736217166
Unigene_UN_xiong_6787	126	229	0.740905497
Unigene_UN_xiong_3293	197	334	0.75230802
Unigene_UN_xiong_14915	161	272	0.764467855
Unigene_UN_xiong_8376	224	381	0.767449092
Unigene_UN_xiong_2265	292	500	0.796058166
Unigene_UN_xiong_4496	165	281	0.805746206
Unigene_UN_xiong_488	250	446	0.813163295
Unigene_UN_xiong_2324	210	359	0.827566696
Unigene_UN_xiong_1145	90	156	0.947282686
Unigene_UN_xiong_8413	165	290	0.961180014
Unigene_UN_xiong_4726	941	1647	0.967381223
Unigene_UN_xiong_14844	172	302	1
Unigene_UN_xiong_11167	140	246	1

Flag	xiong_unigene	ci_unigene	Swiss-Prot_annotation
	1 UN_xiong_14529	UN_ci_3507	---
	0 UN_xiong_14070	UN_ci_8324	tr Q4RBH1 Q4RBH1_TETNG Chrc
	1 UN_xiong_399	UN_ci_2022	---
	1 UN_xiong_14542	UN_ci_7667	tr C1BKC6 C1BKC6_OSMO 60S
	0 UN_xiong_13607	UN_ci_8251	tr C3KGV9 C3KGV9_ANOFI Trar
	1 UN_xiong_949	UN_ci_7782	tr C3KH90 C3KH90_ANOFI 60S
	1 UN_xiong_2637	UN_ci_1194	tr Q711N8 Q711N8_ONCMY Puta
	0 UN_xiong_11196	UN_ci_4204	tr C3KJL5 C3KJL5_ANOFI Secu
	0 UN_xiong_7164	UN_ci_8103	tr C3KIM6 C3KIM6_ANOFI Dyne
	0 UN_xiong_1987	UN_ci_8019	tr C3KH05 C3KH05_ANOFI BUD3
	1 UN_xiong_194	UN_ci_7812	tr Q4S7Z7 Q4S7Z7_TETNG Chrc
	1 UN_xiong_15045	UN_ci_7956	tr C1BKE1 C1BKE1_OSMO Tubu
	0 UN_xiong_5287	UN_ci_8098	tr Q709D5 Q709D5_ORYLA Gemi
	1 UN_xiong_15243	UN_ci_66	tr D6PVP8 D6PVP8_EPICO 60S
	1 UN_xiong_14509	UN_ci_7676	tr D2H3P7 D2H3P7_AILME Puta
	0 UN_xiong_11113	UN_ci_7696	tr B7X8Y8 B7X8Y8_PAGMA Elor
	0 UN_xiong_4091	UN_ci_6537	tr Q3ZLG2 Q3ZLG2_OREMO Quir
	1 UN_xiong_3523	UN_ci_6078	tr A9ZTA6 A9ZTA6_SOLSE Ribc
	0 UN_xiong_14868	UN_ci_6910	tr C1BIA8 C1BIA8_ONCMY Trar
	0 UN_xiong_14272	UN_ci_3721	tr C3KIM5 C3KIM5_ANOFI Epid
	1 UN_xiong_4237	UN_ci_8633	tr Q6Y205 Q6Y205_PAGMA Ribc
	1 UN_xiong_15382	UN_ci_3497	tr Q9PT09 Q9PT09_ONCMY Ubic
	1 UN_xiong_14905	UN_ci_4006	tr C1BJG0 C1BJG0_OSMO 60S
	1 UN_xiong_1280	UN_ci_3287	tr BOS5N1 BOS5N1_DANRE RuvE
	0 UN_xiong_14842	UN_ci_7339	tr D6PVQ6 D6PVQ6_EPICO Mitc
	1 UN_xiong_14978	UN_ci_3282	tr Q6Y243 Q6Y243_PAGMA Elor
	0 UN_xiong_11680	UN_ci_8477	---
	1 UN_xiong_1807	UN_ci_8688	tr A0EZZ6 A0EZZ6_PSEMX 40S
	0 UN_xiong_12139	UN_ci_7894	tr Q4RT32 Q4RT32_TETNG Chrc
	0 UN_xiong_5130	UN_ci_8317	---
	0 UN_xiong_13569	UN_ci_3186	tr C3KK19 C3KK19_ANOFI Stat
	0 UN_xiong_13925	UN_ci_7720	tr C3UVG8 C3UVG8_9TELE Zone
	1 UN_xiong_2662	UN_ci_8099	tr Q4ST43 Q4ST43_TETNG Chrc
	1 UN_xiong_14312	UN_ci_4775	tr C3KHU1 C3KHU1_ANOFI 60S
	0 UN_xiong_9552	UN_ci_8299	tr BOV3V7 BOV3V7_DANRE Guar
	0 UN_xiong_14377	UN_ci_8490	tr Q27R93 Q27R93_FUNHE NAD(
	1 UN_xiong_15383	UN_ci_1893	---
	1 UN_xiong_1657	UN_ci_6364	tr A9ZT86 A9ZT86_SOLSE Ribc
	1 UN_xiong_14546	UN_ci_7844	tr B4IZ29 B4IZ29_DROGR GH1E
	1 UN_xiong_15105	UN_ci_2999	tr A9ZT89 A9ZT89_SOLSE Ribc
	1 UN_xiong_10027	UN_ci_7067	tr A7XLX5 A7XLX5_PERFV Ribc
	0 UN_xiong_15032	UN_ci_3128	tr Q2HYN5 Q2HYN5_ICTPU Trar
	0 UN_xiong_14718	UN_ci_1523	tr Q4S564 Q4S564_TETNG Chrc
	1 UN_xiong_386	UN_ci_1000	---
	1 UN_xiong_14567	UN_ci_5259	tr A0EZY9 A0EZY9_PSEMX Ribc
	1 UN_xiong_14716	UN_ci_7971	tr C3KIW5 C3KIW5_ANOFI Euka
	1 UN_xiong_14273	UN_ci_395	tr Q9IA75 Q9IA75_PAROL Ribc
	1 UN_xiong_14623	UN_ci_8173	tr C3KJ85 C3KJ85_ANOFI 40S
	1 UN_xiong_10584	UN_ci_8002	tr D6PVN6 D6PVN6_EPICO 40S
	1 UN_xiong_14566	UN_ci_7736	tr C1BK85 C1BK85_OSMO ATPa
	1 UN_xiong_15375	UN_ci_641	---
	1 UN_xiong_15556	UN_ci_8669	---

1 UN_xiong_14239	UN_ci_2947	tr Q4TAC5 Q4TAC5_TETNG	Chrc
0 UN_xiong_8517	UN_ci_7587	tr Q6DGD9 Q6DGD9_DANRE	Traf
1 UN_xiong_3844	UN_ci_4020	tr AOEZT6 AOEZT6_PSEMX	60S
0 UN_xiong_4795	UN_ci_7945	sp Q7T3T9 ZAR1_TAKRU	Zygote
1 UN_xiong_14660	UN_ci_2316	---	
1 UN_xiong_9105	UN_ci_4354	tr A9ZT94 A9ZT94_SOLSE	Ribc
0 UN_xiong_15664	UN_ci_8816	tr Q1KKY5 Q1KKY5_TAKRU	Mitc
1 UN_xiong_14437	UN_ci_716	---	
0 UN_xiong_2880	GPGRCD02H7PEA_ci	tr C1BJN5 C1BJN5_OSMO	Cat
1 UN_xiong_216	UN_ci_2635	---	
1 UN_xiong_333	UN_ci_7669	tr C3KHW9 C3KHW9_ANOFI	40S
0 UN_xiong_14677	UN_ci_818	---	
1 UN_xiong_14877	UN_ci_6169	tr Q4SJW7 Q4SJW7_TETNG	Chrc
1 UN_xiong_14783	UN_ci_8089	sp P69091 RL18_ORENI	60S ri
0 UN_xiong_4430	UN_ci_8313	tr B9ELS4 B9ELS4_SALSA	Trar
1 UN_xiong_14924	UN_ci_6292	tr D6PVQ4 D6PVQ4_EPICO	60S
1 UN_xiong_3845	UN_ci_1046	tr B5X3R3 B5X3R3_SALSA	F-ac
1 UN_xiong_6228	UN_ci_7913	---	
0 UN_xiong_3079	UN_ci_8744	tr Q6TGY0 Q6TGY0_DANRE	HSPC
1 UN_xiong_14962	UN_ci_1210	---	
1 UN_xiong_155	UN_ci_673	tr A9ZT90 A9ZT90_SOLSE	Ribc
0 UN_xiong_3128	UN_ci_6304	tr AOEZX2 AOEZX2_PSEMX	Nucl
1 UN_xiong_14891	UN_ci_4683	---	
0 UN_xiong_335	UN_ci_8264	tr C3KI01 C3KI01_ANOFI	Hist
1 UN_xiong_4436	UN_ci_4380	tr D7PBZ5 D7PBZ5_PSEMX	Ferr
0 UN_xiong_5549	UN_ci_1521	tr A3KQ59 A3KQ59_DANRE	Nove
1 UN_xiong_14385	UN_ci_7874	tr Q5DVI0 Q5DVI0_PLAFE	60S
0 UN_xiong_10799	UN_ci_8175	tr B5XE73 B5XE73_SALSA	M-ph
1 UN_xiong_14665	UN_ci_5561	tr Q6Y1Z9 Q6Y1Z9_PAGMA	40S
0 UN_xiong_15130	UN_ci_925	tr Q4T029 Q4T029_TETNG	Chrc
1 UN_xiong_1438	UN_ci_1510	---	
1 UN_xiong_14648	UN_ci_2832	---	
0 UN_xiong_14747	UN_ci_2574	tr A0JPF1 A0JPF1_DANRE	Zgc:
1 UN_xiong_256	UN_ci_4646	tr A2Q0R6 A2Q0R6_SOLSE	Ribc
1 UN_xiong_14285	UN_ci_8021	tr A2Q0U0 A2Q0U0_SOLSE	Ribc
1 UN_xiong_3390	UN_ci_8003	---	
1 UN_xiong_2317	UN_ci_2644	tr Q7ZU62 Q7ZU62_DANRE	Zgc:
1 UN_xiong_8530	UN_ci_3645	tr C3KJ53 C3KJ53_ANOFI	Elor
0 UN_xiong_4712	UN_ci_1148	---	
1 UN_xiong_3904	UN_ci_3151	tr A9ZTA4 A9ZTA4_SOLSE	Ribc
1 UN_xiong_1478	UN_ci_1383	---	
1 UN_xiong_2555	UN_ci_8499	tr A2Q0S7 A2Q0S7_SOLSE	40S
1 UN_xiong_13350	UN_ci_7235	tr Q4TCC0 Q4TCC0_TETNG	Acyl
1 UN_xiong_3637	UN_ci_1908	tr Q4TAQ9 Q4TAQ9_TETNG	Chrc
1 UN_xiong_14727	UN_ci_4122	tr C1BL06 C1BL06_OSMO	TGF-
1 UN_xiong_6909	UN_ci_2980	tr Q7SZX9 Q7SZX9_DANRE	FLJ1
1 UN_xiong_14274	UN_ci_8763	tr Q4SM43 Q4SM43_TETNG	Chrc
0 UN_xiong_3787	UN_ci_4781	tr B5T1N7 B5T1N7_EPICO	Mitc
1 UN_xiong_14453	UN_ci_1711	---	
1 UN_xiong_14263	UN_ci_2483	---	
0 UN_xiong_122	UN_ci_8295	tr C3KIJ8 C3KIJ8_ANOFI	Smal
0 UN_xiong_13451	UN_ci_5483	tr C3KIW9 C3KIW9_ANOFI	Nucl
0 UN_xiong_8419	UN_ci_5288	tr Q4S6R2 Q4S6R2_TETNG	Chrc
0 UN_xiong_15660	UN_ci_3921	tr C3KJ13 C3KJ13_ANOFI	SRA

0 UN_xiong_6273	UN_ci_5805	tr Q4T9G5 Q4T9G5_TETNG	Chrc
1 UN_xiong_14616	UN_ci_6411	tr B5XBW1 B5XBW1_SALSA	BCAS
1 UN_xiong_5777	UN_ci_5560	tr C1BIM0 C1BIM0_OSMO	Grow
1 UN_xiong_15374	UN_ci_8285	---	
1 UN_xiong_14859	UN_ci_7979	---	
1 UN_xiong_3047	UN_ci_5511	---	
1 UN_xiong_2181	UN_ci_7754	---	
0 UN_xiong_14414	UN_ci_239	tr C3KIN0 C3KIN0_ANOFI	GTP-
1 UN_xiong_14937	UN_ci_7922	tr Q7T2C6 Q7T2C6_DANRE	RAB7
1 UN_xiong_14674	UN_ci_8086	---	
1 UN_xiong_5020	UN_ci_5262	tr C3KGT2 C3KGT2_ANOFI	Thic
1 UN_xiong_4401	UN_ci_4128	---	
0 UN_xiong_2958	UN_ci_6554	---	
1 UN_xiong_14689	UN_ci_867	---	
1 UN_xiong_751	UN_ci_4792	tr Q4RH57 Q4RH57_TETNG	Chrc
1 UN_xiong_14569	UN_ci_3632	---	
0 UN_xiong_14270	UN_ci_7983	tr C3KIV4 C3KIV4_ANOFI	FAM6
1 UN_xiong_11645	UN_ci_6200	tr Q3ZLG0 Q3ZLG0_OREMO	XNo
1 UN_xiong_14286	UN_ci_4885	tr C3KK43 C3KK43_ANOFI	Myos
1 UN_xiong_14334	UN_ci_8322	sp Q202I6 TCTP_PSEMX	Transl
1 UN_xiong_7854	UN_ci_3967	---	
1 UN_xiong_988	UN_ci_7375	---	
1 UN_xiong_2611	UN_ci_3837	tr AOEZU4 AOEZU4_PSEMX	40S
1 UN_xiong_14873	UN_ci_8106	tr C3KI82 C3KI82_ANOFI	Trar
0 UN_xiong_15687	UN_ci_3682	tr C3KJT2 C3KJT2_ANOFI	NADH
1 UN_xiong_5912	UN_ci_1122	sp Q1L8Y6 BBP10_DANRE	BBSom
0 UN_xiong_3634	UN_ci_7946	tr C3KGU8 C3KGU8_ANOFI	40S
1 UN_xiong_145	UN_ci_644	tr B9USM4 B9USM4_9PERC	2-Cy
1 UN_xiong_790	UN_ci_8330	tr C3KHU8 C3KHU8_ANOFI	NADH
0 UN_xiong_1060	UN_ci_7455	tr C3KJQ1 C3KJQ1_ANOFI	Tumc
0 UN_xiong_14618	UN_ci_7724	tr B9V3X3 B9V3X3_EPICO	Musc
1 UN_xiong_7465	UN_ci_6070	tr Q4RJL0 Q4RJL0_TETNG	Chrc
1 UN_xiong_4109	UN_ci_1594	tr Q4RVD2 Q4RVD2_TETNG	Chrc
1 UN_xiong_9546	UN_ci_1201	tr COHAQ6 COHAQ6_SALSA	Elor
1 UN_xiong_1685	UN_ci_4379	tr A4L7I8 A4L7I8_9SCOM	Glut
1 UN_xiong_15543	UN_ci_8769	tr Q4RWC3 Q4RWC3_TETNG	Chrc
1 UN_xiong_13667	UN_ci_8108	tr Q4S578 Q4S578_TETNG	Chrc
1 UN_xiong_1628	UN_ci_6040	---	
0 UN_xiong_15785	UN_ci_2481	tr Q4SD23 Q4SD23_TETNG	Chrc
1 UN_xiong_7527	UN_ci_1567	tr Q4SK90 Q4SK90_TETNG	Chrc
1 UN_xiong_5941	UN_ci_749	---	
0 UN_xiong_8790	UN_ci_8638	---	
0 UN_xiong_12115	UN_ci_8221	tr Q4S1J7 Q4S1J7_TETNG	Chrc
1 UN_xiong_8850	UN_ci_2189	tr C3KIZ9 C3KIZ9_ANOFI	Ribc
0 UN_xiong_2248	UN_ci_8519	tr D2CFU7 D2CFU7_9PERC	Supc
1 UN_xiong_10847	UN_ci_7392	tr Q4RY82 Q4RY82_TETNG	Chrc
1 UN_xiong_14812	UN_ci_4626	tr C1BIV9 C1BIV9_OSMO	FAM3
0 UN_xiong_4643	UN_ci_267	tr Q4S9N2 Q4S9N2_TETNG	Chrc
1 UN_xiong_6978	UN_ci_8164	tr Q5DVH2 Q5DVH2_PLAFE	60S
1 UN_xiong_14438	UN_ci_7851	---	
1 UN_xiong_14383	UN_ci_7423	---	
0 UN_xiong_7498	UN_ci_8256	tr Q4RMT6 Q4RMT6_TETNG	Chrc
0 UN_xiong_13515	UN_ci_8788	tr C3S171 C3S171_DANRE	Glut
1 UN_xiong_12363	UN_ci_8	tr C1BL73 C1BL73_OSMO	Char

1 UN_xiong_14440	UN_ci_7905	tr Q9IA74 Q9IA74_PAROL	40S
1 UN_xiong_3675	UN_ci_3657	tr Q6DEG5 Q6DEG5_DANRE	Poly
1 UN_xiong_8920	UN_ci_4072	---	
0 UN_xiong_3105	UN_ci_3655	tr C3KIH6 C3KIH6_ANOFI	Chrc
0 UN_xiong_5545	UN_ci_8084	tr D7PIW6 D7PIW6_PSEMX	Ferr
1 UN_xiong_14490	UN_ci_2946	tr C1BMA3 C1BMA3_OSMO	Gamm
1 UN_xiong_2168	UN_ci_7108	tr Q4RG23 Q4RG23_TETNG	Chrc
1 UN_xiong_6384	UN_ci_6452	tr C3KJY4 C3KJY4_ANOFI	Coat
0 UN_xiong_7707	UN_ci_2057	---	
1 UN_xiong_2119	UN_ci_1844	tr C1BG03 C1BG03_ONCMY	LYR
0 UN_xiong_2218	UN_ci_2012	tr Q5RGQ1 Q5RGQ1_DANRE	Nove
1 UN_xiong_12342	UN_ci_7077	tr COPTZ1 COPTZ1_SALSA	Trar
1 UN_xiong_9316	UN_ci_5545	---	
0 UN_xiong_1570	UN_ci_8493	tr Q4RJH9 Q4RJH9_TETNG	Chrc
1 UN_xiong_4494	UN_ci_8338	tr A7UP40 A7UP40_PSEMX	Heat
0 UN_xiong_1588	UN_ci_7870	---	
0 UN_xiong_5453	UN_ci_3905	tr Q800Z2 Q800Z2_PAROL	Spli
1 UN_xiong_14801	UN_ci_7904	tr Q5XGA8 Q5XGA8_XENTR	Ribc
1 UN_xiong_8994	UN_ci_5716	---	
1 UN_xiong_2689	UN_ci_7785	tr B6YZ85 B6YZ85_THUTO	Vase
1 UN_xiong_6304	UN_ci_5748	---	
1 UN_xiong_825	UN_ci_2310	sp A8Y5U1 CE051_DANRE	UPF06
1 UN_xiong_10733	UN_ci_8736	tr B5X4J9 B5X4J9_SALSA	Ribc
1 UN_xiong_3878	UN_ci_8607	tr A0EZU3 A0EZU3_PSEMX	40S
1 UN_xiong_15520	UN_ci_8165	tr B9V305 B9V305_EPICO	40S
1 UN_xiong_12413	UN_ci_2212	tr Q4RGQ9 Q4RGQ9_TETNG	Chrc
1 UN_xiong_876	UN_ci_3860	---	
0 UN_xiong_14347	UN_ci_8171	tr A9ZT79 A9ZT79_SOLSE	Ribc
1 UN_xiong_9163	UN_ci_3768	tr A5H1I3 A5H1I3_PAROL	Chap
1 UN_xiong_14497	UN_ci_1441	tr Q4SDY7 Q4SDY7_TETNG	Chrc
0 UN_xiong_4932	UN_ci_670	tr Q90ZQ6 Q90ZQ6_ONCMY	Poly
1 UN_xiong_3436	UN_ci_1100	---	
1 UN_xiong_8136	UN_ci_2297	tr B5DG90 B5DG90_SALSA	RAB2
0 UN_xiong_5737	UN_ci_1772	tr C3KH31 C3KH31_ANOFI	EMI5
0 UN_xiong_11251	UN_ci_8022	sp Q802F2 SELTA_DANRE	Seler
1 UN_xiong_4975	UN_ci_1054	tr Q4RJP3 Q4RJP3_TETNG	Chrc
0 UN_xiong_15308	UN_ci_6115	tr Q3UBL7 Q3UBL7_MOUSE	Putæ
1 UN_xiong_1201	UN_ci_6643	tr Q4SDA6 Q4SDA6_TETNG	Chrc
1 UN_xiong_14327	UN_ci_6832	tr Q5RKM2 Q5RKM2_DANRE	NADH
0 UN_xiong_14307	UN_ci_7701	tr C1BXJ2 C1BXJ2_ESOLU	39S
1 UN_xiong_5113	UN_ci_940	tr Q4SI99 Q4SI99_TETNG	Chrc
1 UN_xiong_2520	UN_ci_8080	tr C3KK25 C3KK25_ANOFI	Meth
1 UN_xiong_142	GPGRCDD02H2XJD_ci	tr C1BHB0 C1BHB0_ONCMY	Eukæ
0 UN_xiong_4359	UN_ci_6001	tr Q4TOS8 Q4TOS8_TETNG	Chrc
0 UN_xiong_14308	UN_ci_7908	tr C1BJH9 C1BJH9_OSMO	ADP/
1 UN_xiong_4059	UN_ci_7334	---	
0 UN_xiong_12070	UN_ci_4671	tr Q4V8Q4 Q4V8Q4_DANRE	Zgc:
1 UN_xiong_6694	UN_ci_6019	tr C3KJK1 C3KJK1_ANOFI	39S
1 UN_xiong_10563	UN_ci_8463	---	
1 UN_xiong_1586	UN_ci_3016	tr A2Q0T3 A2Q0T3_SOLSE	Ribc
1 UN_xiong_14563	UN_ci_362	tr Q6VEJ7 Q6VEJ7_OREMO	Rece
0 UN_xiong_9359	UN_ci_7972	tr Q4RN49 Q4RN49_TETNG	Chrc
0 UN_xiong_307	UN_ci_8506	---	
1 UN_xiong_12491	UN_ci_5280	tr A6H913 A6H913_TAKRU	TATA

1 UN_xiong_15449 UN_ci_1239	---
1 UN_xiong_14271 UN_ci_8725	tr Q6Y249 Q6Y249_PAGMA BTF3
0 UN_xiong_15554 UN_ci_7892	tr C3KIQ6 C3KIQ6_ANOFI Myos
1 UN_xiong_15692 UN_ci_6939	tr Q5EB36 Q5EB36_XENTR MGC9
0 UN_xiong_14840 UN_ci_1277	---
0 UN_xiong_14658 UN_ci_6552	tr D2H9F9 D2H9F9_AILME Puta
0 UN_xiong_15533 UN_ci_8250	tr Q4S5M1 Q4S5M1_TETNG Chrc
1 UN_xiong_13462 UN_ci_5426	tr C3KIE3 C3KIE3_ANOFI Trar
1 UN_xiong_12050 UN_ci_8350	---
0 UN_xiong_9570 UN_ci_3163	tr C3KIP5 C3KIP5_ANOFI Prot
1 UN_xiong_1436 UN_ci_448	sp Q7ZV55 EIF3I_DANRE Eukar
1 UN_xiong_14884 UN_ci_3043	tr Q7ZU24 Q7ZU24_DANRE Prog
1 UN_xiong_4179 UN_ci_7855	tr A1Y189 A1Y189_PAROL Volt
1 UN_xiong_6936 UN_ci_2259	tr Q4S5R8 Q4S5R8_TETNG Chrc
1 UN_xiong_2808 GP8I43W03GIU7K_ci	tr C3KH20 C3KH20_ANOFI NADH
0 UN_xiong_4039 UN_ci_3692	tr C1BJ19 C1BJ19_OSMO Prot
1 UN_xiong_15372 UN_ci_854	tr Q4SVP1 Q4SVP1_TETNG Chrc
0 UN_xiong_2199 UN_ci_5291	tr Q4SJP1 Q4SJP1_TETNG Chrc
0 UN_xiong_4453 UN_ci_4439	tr B5X8M2 B5X8M2_SALSA Medi
0 UN_xiong_15219 UN_ci_257	tr Q8UVG1 Q8UVG1_EPICO Ribc
1 UN_xiong_3384 UN_ci_7788	tr Q7ZX50 Q7ZX50_XENLA LOC4
0 UN_xiong_1428 UN_ci_8218	tr Q4RRE1 Q4RRE1_TETNG Chrc
1 UN_xiong_14525 UN_ci_4956	tr C3KI17 C3KI17_ANOFI Prot
1 UN_xiong_2973 UN_ci_3621	tr Q4SQY6 Q4SQY6_TETNG Chrc
1 UN_xiong_557 UN_ci_4425	tr C1BKU7 C1BKU7_OSMO Cell
1 UN_xiong_12975 UN_ci_433	tr Q4RP92 Q4RP92_TETNG Chrc
1 UN_xiong_14541 UN_ci_1287	---
1 UN_xiong_14313 UN_ci_8334	sp Q2KKX7 CS042_SINCH UPF06
1 UN_xiong_13097 UN_ci_8275	tr B5DH25 B5DH25_SALSA 26S
1 UN_xiong_6672 UN_ci_4253	---
1 UN_xiong_4304 UN_ci_5589	---
1 UN_xiong_14344 UN_ci_1669	tr Q71SZ0 Q71SZ0_9SCOM Cytc
0 UN_xiong_7852 UN_ci_8468	tr C3KIU5 C3KIU5_ANOFI Trar
1 UN_xiong_14299 UN_ci_4248	tr Q4SJP0 Q4SJP0_TETNG Chrc
1 UN_xiong_12671 UN_ci_7397	tr Q4RG99 Q4RG99_TETNG Chrc
0 UN_xiong_14795 UN_ci_8058	tr C3KJT1 C3KJT1_ANOFI High
0 UN_xiong_3203 UN_ci_2242	---
0 UN_xiong_3600 UN_ci_8400	tr Q4S7P2 Q4S7P2_TETNG Chrc
0 UN_xiong_14835 UN_ci_7356	tr B9EQ18 B9EQ18_SALSA CWC1
1 UN_xiong_14883 UN_ci_3196	tr B5X4Q0 B5X4Q0_SALSA Tumc
1 UN_xiong_2239 UN_ci_855	tr Q4SCH5 Q4SCH5_TETNG Chrc
1 UN_xiong_4351 UN_ci_5631	tr Q32PU7 Q32PU7_DANRE Zgc:
0 UN_xiong_3265 UN_ci_4443	tr B9EP79 B9EP79_SALSA Prot
1 UN_xiong_15034 UN_ci_7798	---
0 UN_xiong_14710 UN_ci_3927	---
0 UN_xiong_14441 UN_ci_8232	tr COPUM3 COPUM3_SALSA ATP-
1 UN_xiong_9964 UN_ci_122	tr Q803B9 Q803B9_DANRE DCP2
1 UN_xiong_14637 UN_ci_1564	---
1 UN_xiong_14354 UN_ci_8068	tr B3DLM7 B3DLM7_XENTR LOC1
1 UN_xiong_15039 UN_ci_4024	tr C3KJD7 C3KJD7_ANOFI FAM9
0 UN_xiong_15587 UN_ci_8163	tr Q4S4D9 Q4S4D9_TETNG Chrc
1 UN_xiong_14970 UN_ci_8794	tr B5X1I8 B5X1I8_SALSA DoLi
1 UN_xiong_9243 UN_ci_8092	tr C3KJM2 C3KJM2_ANOFI DNA-
1 UN_xiong_4995 UN_ci_6179	---

1 UN_xiong_14717	UN_ci_7875	tr B5X449 B5X449_SALSA	Prot
1 UN_xiong_3793	UN_ci_7329	tr Q4RUH3 Q4RUH3_TETNG	Chrc
1 UN_xiong_2413	UN_ci_3605	tr C3KJB4 C3KJB4_ANOFI	Leyd
1 UN_xiong_14516	UN_ci_5578	tr Q4S3L1 Q4S3L1_TETNG	Chrc
1 UN_xiong_3968	UN_ci_7542	tr B5X193 B5X193_SALSA	ProL
1 UN_xiong_3503	UN_ci_6513	tr C3KHF2 C3KHF2_ANOFI	Ubiq
1 UN_xiong_3181	UN_ci_7588	tr D3TJL7 D3TJL7_EPICO	Glut
1 UN_xiong_1200	UN_ci_2516	tr C3KI11 C3KI11_ANOFI	NADH
0 UN_xiong_5589	UN_ci_7992	tr C3KJD0 C3KJD0_ANOFI	RWD
1 UN_xiong_6740	UN_ci_71	tr Q6PBS0 Q6PBS0_DANRE	Requ
1 UN_xiong_13283	UN_ci_1520	sp Q803V3 P2R3C_DANRE	Serir
1 UN_xiong_12762	UN_ci_8067	---	---
1 UN_xiong_14527	UN_ci_3597	tr D1KY93 D1KY93_9CICH	Oncc
1 UN_xiong_662	UN_ci_1590	tr C3KIS7 C3KIS7_ANOFI	Mitc
1 UN_xiong_14683	UN_ci_8665	---	---
0 UN_xiong_1812	UN_ci_1380	---	---
0 UN_xiong_14805	UN_ci_8328	tr C1BL72 C1BL72_OSMMO	Elor
1 UN_xiong_15786	UN_ci_4091	tr Q4RHZ9 Q4RHZ9_TETNG	Chrc
1 UN_xiong_14398	UN_ci_6652	---	---
1 UN_xiong_3085	UN_ci_4584	tr Q6DBQ6 Q6DBQ6_DANRE	Zgc:
1 UN_xiong_2677	UN_ci_8259	---	---
1 UN_xiong_15049	UN_ci_4919	tr Q6PFS4 Q6PFS4_DANRE	Inne
0 UN_xiong_14932	UN_ci_7661	tr C3KJ11 C3KJ11_ANOFI	Doli
1 UN_xiong_14106	UN_ci_8272	tr B5DG05 B5DG05_SALSA	Seri
0 UN_xiong_14593	UN_ci_8193	tr C1BEP1 C1BEP1_ONCMY	Pref
0 UN_xiong_8117	UN_ci_6119	tr C3KJV1 C3KJV1_ANOFI	39S
0 UN_xiong_14444	UN_ci_8309	tr C3KHN8 C3KHN8_ANOFI	Cofi
1 UN_xiong_7138	UN_ci_5775	tr Q9W6E6 Q9W6E6_9TELE	Glut
0 UN_xiong_14995	UN_ci_8595	tr B5X3U0 B5X3U0_SALSA	Ubiq
1 UN_xiong_13092	UN_ci_6531	tr C3KK02 C3KK02_ANOFI	UPFC
1 UN_xiong_14224	UN_ci_5646	---	---
1 UN_xiong_4865	UN_ci_8157	tr COHBN2 COHBN2_SALSA	Pre-
0 UN_xiong_14907	UN_ci_8420	tr C8CH42 C8CH42_SCIOC	QM-1
1 UN_xiong_8591	UN_ci_5261	tr C1BKP9 C1BKP9_OSMMO	60S
1 UN_xiong_10069	UN_ci_3141	tr Q4SLY5 Q4SLY5_TETNG	Chrc
0 UN_xiong_2251	UN_ci_160	tr C3KHM0 C3KHM0_ANOFI	ATP
0 UN_xiong_13033	UN_ci_3753	---	---
0 UN_xiong_13924	UN_ci_2798	tr Q4RT21 Q4RT21_TETNG	S-ac
0 UN_xiong_14283	UN_ci_6027	tr C1BYE7 C1BYE7_ESOLU	UPFC
0 UN_xiong_1931	UN_ci_4049	---	---
1 UN_xiong_607	UN_ci_1397	tr Q4SIZ7 Q4SIZ7_TETNG	Chrc
1 UN_xiong_3481	UN_ci_5872	tr AOEZW3 AOEZW3_PSEMX	Rece
1 UN_xiong_3495	UN_ci_8187	---	---
1 UN_xiong_15078	UN_ci_6636	tr AOEZY0 AOEZY0_PSEMX	Ader
1 UN_xiong_6002	UN_ci_4669	tr Q8AYL1 Q8AYL1_ORYLA	ZPC2
1 UN_xiong_11708	UN_ci_8614	---	---
0 UN_xiong_2209	UN_ci_539	tr Q4SN52 Q4SN52_TETNG	Chrc
1 UN_xiong_6878	UN_ci_2565	tr Q4SBZ6 Q4SBZ6_TETNG	Chrc
0 UN_xiong_1494	UN_ci_4613	tr C1BL65 C1BL65_OSMMO	Doli
0 UN_xiong_14885	UN_ci_7761	tr COPTY0 COPTY0_SALSA	Nucl
0 UN_xiong_4084	UN_ci_2696	tr Q9DFT6 Q9DFT6_9PERC	Beta
0 UN_xiong_15557	UN_ci_5849	tr C3KIN7 C3KIN7_ANOFI	NADH
1 UN_xiong_1920	UN_ci_8541	tr C1BKN5 C1BKN5_OSMMO	B-ce
1 UN_xiong_10414	UN_ci_7616	sp Q803M5 SAAL1_DANRE	Prote

1 UN_xiong_14761	UN_ci_10	tr Q4S6V3 Q4S6V3_TETNG	T-cc
0 UN_xiong_983	UN_ci_647	tr D8U3C1 D8U3C1_VOLCA	Putæ
0 UN_xiong_3521	UN_ci_3157	tr B5X9E6 B5X9E6_SALSA	Elor
0 UN_xiong_9694	UN_ci_8153	tr B9EPJ4 B9EPJ4_SALSA	Thic
1 UN_xiong_15624	UN_ci_7163	---	---
1 UN_xiong_1043	UN_ci_7697	tr Q6TEL5 Q6TEL5_DANRE	Cull
1 UN_xiong_16	UN_ci_369	---	---
0 UN_xiong_8569	UN_ci_7834	tr COPTY4 COPTY4_SALSA	Pro1
1 UN_xiong_8203	UN_ci_7472	tr Q4S358 Q4S358_TETNG	Chrc
1 UN_xiong_14899	UN_ci_294	tr Q1PS66 Q1PS66_LATCA	Dele
0 UN_xiong_2099	UN_ci_8670	tr Q4SPX5 Q4SPX5_TETNG	Chrc
1 UN_xiong_11580	UN_ci_307	tr Q4VBR8 Q4VBR8_DANRE	Prot
0 UN_xiong_4533	UN_ci_7862	tr C1BYB1 C1BYB1_ESOLU	Trar
0 UN_xiong_1942	UN_ci_7952	tr C1BKW4 C1BKW4_OSMO	KIAA
0 UN_xiong_14251	UN_ci_7333	tr A9ZT78 A9ZT78_SOLSE	Ribc
1 UN_xiong_6171	UN_ci_1057	tr C1J0J0 C1J0J0_GILSE	ATP
1 UN_xiong_889	UN_ci_4771	---	---
0 UN_xiong_13480	UN_ci_8343	tr A9ZT85 A9ZT85_SOLSE	Ribc
1 UN_xiong_14731	UN_ci_2333	sp Q2YDS5 SCNM1_DANRE	Sodiu
1 UN_xiong_15790	UN_ci_8319	tr A5D6V4 A5D6V4_DANRE	Zgc:
1 UN_xiong_2288	UN_ci_1425	tr C1BM02 C1BM02_OSMO	60S
1 UN_xiong_8411	UN_ci_6171	---	---
1 UN_xiong_4628	UN_ci_8006	tr Q08AY4 Q08AY4_XENLA	LOC1
0 UN_xiong_14486	UN_ci_3850	---	---
0 UN_xiong_12764	UN_ci_5250	tr Q9I8X6 Q9I8X6_9SMEG	Cytc
0 UN_xiong_14409	UN_ci_8041	tr C3KH80 C3KH80_ANOFI	Ran-
0 UN_xiong_7832	UN_ci_5796	tr B5X8Y2 B5X8Y2_SALSA	Meth
1 UN_xiong_9969	UN_ci_4751	sp Q7ZWW7 TS31B_XENLA	Tetra
1 UN_xiong_9738	UN_ci_4081	tr C3KK45 C3KK45_ANOFI	Ribc
1 UN_xiong_14990	UN_ci_2854	---	---
0 UN_xiong_10741	UN_ci_8061	tr Q8QFS3 Q8QFS3_TETNG	H01C
0 UN_xiong_14968	UN_ci_4275	---	---
1 UN_xiong_2226	UN_ci_8050	tr Q6DHE6 Q6DHE6_DANRE	Lysy
0 UN_xiong_8120	UN_ci_4858	tr Q4TBK6 Q4TBK6_TETNG	Chrc
1 UN_xiong_14362	UN_ci_7283	tr C1BW85 C1BW85_ESOLU	Lin-
1 UN_xiong_14684	UN_ci_5829	tr Q4RS99 Q4RS99_TETNG	Chrc
0 UN_xiong_14784	UN_ci_6572	tr C3KGT8 C3KGT8_ANOFI	Coat
0 UN_xiong_14325	UN_ci_3241	tr C1BG20 C1BG20_ONCMY	RINC
0 UN_xiong_11308	UN_ci_2416	tr C3KHA5 C3KHA5_ANOFI	TRM1
0 UN_xiong_2360	UN_ci_6439	tr Q4RJV4 Q4RJV4_TETNG	Chrc
0 UN_xiong_14260	UN_ci_6184	tr B5XB55 B5XB55_SALSA	Sigr
0 UN_xiong_6441	UN_ci_8692	tr Q1KLP9 Q1KLP9_PSEMX	Natu
1 UN_xiong_8985	UN_ci_3585	tr Q4RSW9 Q4RSW9_TETNG	Chrc
0 UN_xiong_14258	UN_ci_1011	---	---
0 UN_xiong_9761	UN_ci_7694	tr C3KHK4 C3KHK4_ANOFI	Pref
1 UN_xiong_13205	UN_ci_48	---	---
0 UN_xiong_3864	UN_ci_662	---	---
0 UN_xiong_4247	UN_ci_8076	tr Q4RX35 Q4RX35_TETNG	Chrc
1 UN_xiong_4642	UN_ci_5546	tr Q67EQ7 Q67EQ7_ORYLA	Zinc
0 UN_xiong_14780	UN_ci_231	---	---
0 UN_xiong_14608	UN_ci_2880	---	---
1 UN_xiong_10903	UN_ci_2932	tr C3KHM3 C3KHM3_ANOFI	39S
0 UN_xiong_8140	UN_ci_7662	tr C3KIW7 C3KIW7_ANOFI	Surv
0 UN_xiong_6452	UN_ci_597	tr B5FY04 B5FY04_TAEGU	Putæ

0 UN_xiong_13318	UN_ci_5041	tr C3KIF4 C3KIF4_ANOFI	26S
1 UN_xiong_4348	UN_ci_4260	tr B5X6W2 B5X6W2_SALSA	Cyst
1 UN_xiong_14352	UN_ci_7837	tr A3QJW5 A3QJW5_DANRE	CTP
0 UN_xiong_4599	UN_ci_5248	tr B9EMJ6 B9EMJ6_SALSA	DNA-
1 UN_xiong_14975	UN_ci_2560	tr Q6DC52 Q6DC52_DANRE	Zgc:
1 UN_xiong_13896	UN_ci_4738	tr COH961 COH961_SALSA	Vacu
0 UN_xiong_11376	UN_ci_8802	tr C1BKB6 C1BKB6_OSMMO	Ader
0 UN_xiong_14736	UN_ci_7311	tr Q4RVH3 Q4RVH3_TETNG	Prot
1 UN_xiong_3763	UN_ci_1047	tr B5X958 B5X958_SALSA	Oste
1 UN_xiong_14666	UN_ci_1717	sp Q7T2A5 EIF3L_DANRE	Eukar
1 UN_xiong_5310	UN_ci_7040	tr C3KH72 C3KH72_ANOFI	Prot
0 UN_xiong_11967	UN_ci_8768	tr B3DFW5 B3DFW5_DANRE	Si:c
0 UN_xiong_15503	UN_ci_8708	tr Q6PC77 Q6PC77_DANRE	ATP
0 UN_xiong_15191	UN_ci_5192	tr C3KI25 C3KI25_ANOFI	Smal
0 UN_xiong_14002	UN_ci_8764	tr B9ELR8 B9ELR8_SALSA	Trar
0 UN_xiong_13661	UN_ci_1704	tr C1BLM1 C1BLM1_OSMMO	Trar
0 UN_xiong_3420	UN_ci_7784	---	
0 UN_xiong_1167	UN_ci_3726	tr Q4SZN8 Q4SZN8_TETNG	Chrc
1 UN_xiong_838	UN_ci_4105	tr Q4TC18 Q4TC18_TETNG	Chrc
0 UN_xiong_4244	UN_ci_1737	---	
0 UN_xiong_14687	UN_ci_8348	tr C3KI81 C3KI81_ANOFI	Elec
0 UN_xiong_10360	UN_ci_7095	tr C3KIQ8 C3KIQ8_ANOFI	39S
0 UN_xiong_2788	UN_ci_4168	tr C3KIZ6 C3KIZ6_ANOFI	Cell
0 UN_xiong_15787	UN_ci_7884	tr A2Q0S1 A2Q0S1_SOLSE	Ribc
0 UN_xiong_9146	UN_ci_4266	---	
0 UN_xiong_3902	UN_ci_5104	tr C1BKD0 C1BKD0_OSMMO	Trar
0 UN_xiong_13970	UN_ci_7742	tr D8X0S5 D8X0S5_PSEMX	Perc
0 UN_xiong_9643	UN_ci_3600	tr B5XDC9 B5XDC9_SALSA	Pept
0 UN_xiong_14326	UN_ci_8339	tr COH747 COH747_SALSA	40S
0 UN_xiong_13845	UN_ci_8596	tr A8JJG4 A8JJG4_CHLRE	Prec
0 UN_xiong_12519	UN_ci_3586	---	
0 UN_xiong_7476	UN_ci_6015	tr C3KJ18 C3KJ18_ANOFI	Prot
1 UN_xiong_14997	UN_ci_7527	---	
0 UN_xiong_1596	UN_ci_3150	tr Q4SCJ6 Q4SCJ6_TETNG	Chrc
0 UN_xiong_8683	UN_ci_8151	tr Q5DW64 Q5DW64_ONCMY	Gluc
0 UN_xiong_14548	UN_ci_3355	tr Q45KR0 Q45KR0_LARCR	Heat
1 UN_xiong_891	UN_ci_7571	---	
0 UN_xiong_1247	UN_ci_1165	tr COH9Z2 COH9Z2_SALSA	Cell
0 UN_xiong_14663	UN_ci_8185	tr C3KK62 C3KK62_ANOFI	Smal
0 UN_xiong_29	UN_ci_6583	tr Q7ZV25 Q7ZV25_DANRE	Tubu
0 UN_xiong_4038	UN_ci_7689	tr Q803D9 Q803D9_DANRE	Prmt
1 UN_xiong_10111	UN_ci_4926	tr Q4RU94 Q4RU94_TETNG	Chrc
0 UN_xiong_14374	UN_ci_3785	tr Q5HZ93 Q5HZ93_XENLA	MGC8
0 UN_xiong_11502	UN_ci_542	tr COH917 COH917_SALSA	Hete
0 UN_xiong_14681	UN_ci_47	---	
0 UN_xiong_7586	UN_ci_4947	tr Q6DRK2 Q6DRK2_DANRE	Spli
0 UN_xiong_273	UN_ci_4159	tr Q4S8P8 Q4S8P8_TETNG	Chrc
0 UN_xiong_14856	UN_ci_6692	tr Q4SLW7 Q4SLW7_TETNG	Chrc
0 UN_xiong_1364	UN_ci_1151	tr C1BJA0 C1BJA0_OSMMO	Surf
0 UN_xiong_14906	UN_ci_6118	tr C3KIG2 C3KIG2_ANOFI	C-My
0 UN_xiong_553	UN_ci_2779	tr C3KJZ2 C3KJZ2_ANOFI	ATP
0 UN_xiong_15519	UN_ci_6589	---	
0 UN_xiong_5132	UN_ci_3409	tr Q4S8V0 Q4S8V0_TETNG	Chrc
0 UN_xiong_4081	UN_ci_7171	tr C3KJR7 C3KJR7_ANOFI	Thic

0 UN_xiong_4172	UN_ci_4353	tr C3KHZ2 C3KHZ2_ANOFI	Mitc
0 UN_xiong_7949	UN_ci_7777	tr Q4S2U7 Q4S2U7_TETNG	Chrc
0 UN_xiong_2313	UN_ci_2373	tr B5X2G7 B5X2G7_SALSA	28S
0 UN_xiong_6173	UN_ci_8569	tr C3KIH2 C3KIH2_ANOFI	Tumc
0 UN_xiong_1756	UN_ci_4993	tr C3KHX1 C3KHX1_ANOFI	26S
0 UN_xiong_2622	UN_ci_5196	tr Q4RI74 Q4RI74_TETNG	Chrc
0 UN_xiong_4067	UN_ci_2937	sp Q566X6 PTCD2_DANRE	Pentæ
0 UN_xiong_8071	UN_ci_8245	tr C3KHK1 C3KHK1_ANOFI	Eukæ
0 UN_xiong_139	UN_ci_1294	tr C3KJU5 C3KJU5_ANOFI	Biog
0 UN_xiong_10103	UN_ci_4487	tr Q4RXL8 Q4RXL8_TETNG	Chrc
0 UN_xiong_12679	UN_ci_5521	tr B9ENS2 B9ENS2_SALSA	Thic
0 UN_xiong_14846	UN_ci_7791	tr C3KJX5 C3KJX5_ANOFI	Prot
0 UN_xiong_4693	UN_ci_2008	tr D2H728 D2H728_AILME	Putæ
0 UN_xiong_1005	UN_ci_1330	tr C3KIU9 C3KIU9_ANOFI	Repl
0 UN_xiong_3935	UN_ci_8216	tr D2CFQ6 D2CFQ6_LARCR	Trar
0 UN_xiong_2996	UN_ci_7967	tr Q4S0Q0 Q4S0Q0_TETNG	Chrc
0 UN_xiong_10941	UN_ci_8268	tr Q4T4L7 Q4T4L7_TETNG	Prof
0 UN_xiong_15055	UN_ci_5492	tr C3KK67 C3KK67_ANOFI	T-ce
0 UN_xiong_1512	UN_ci_2749	---	
0 UN_xiong_14208	UN_ci_2655	tr C3KJ47 C3KJ47_ANOFI	Hist
0 UN_xiong_14470	UN_ci_4718	tr C3KID9 C3KID9_ANOFI	NADH
0 UN_xiong_8647	UN_ci_6413	tr B5XGK6 B5XGK6_SALSA	Crys
0 UN_xiong_4291	UN_ci_221	---	
0 UN_xiong_9232	UN_ci_8634	tr B9EL49 B9EL49_SALSA	Ubic
0 UN_xiong_14791	UN_ci_8072	tr C3KHR9 C3KHR9_ANOFI	Thic
0 UN_xiong_14619	UN_ci_7652	tr A2Q0S2 A2Q0S2_SOLSE	Ribc
0 UN_xiong_11417	UN_ci_7596	tr Q4SL28 Q4SL28_TETNG	Chrc
0 UN_xiong_14042	UN_ci_8070	tr C1BIP5 C1BIP5_OSMO	U3 s
0 UN_xiong_5707	UN_ci_4023	tr C3KHL7 C3KHL7_ANOFI	Ubic
0 UN_xiong_5437	UN_ci_5388	---	
0 UN_xiong_14685	UN_ci_8270	tr Q6PGV9 Q6PGV9_DANRE	Pept
0 UN_xiong_8684	UN_ci_4164	sp Q6TH15 EIF3D_DANRE	Eukar
0 UN_xiong_15755	UN_ci_4712	tr Q4S7N9 Q4S7N9_TETNG	Chrc
0 UN_xiong_13712	UN_ci_7252	tr C3KI46 C3KI46_ANOFI	Prot
0 UN_xiong_15511	UN_ci_198	tr Q27HW5 Q27HW5_PSEMX	Cell
0 UN_xiong_14848	UN_ci_863	tr Q4SS97 Q4SS97_TETNG	Chrc
0 UN_xiong_13016	UN_ci_8321	tr Q4RRB6 Q4RRB6_TETNG	Chrc
0 UN_xiong_9698	UN_ci_3516	tr Q6P959 Q6P959_DANRE	ATP
0 UN_xiong_14737	UN_ci_6484	tr A0F005 A0F005_PSEMX	RNA
0 UN_xiong_1392	UN_ci_5475	tr B5X218 B5X218_SALSA	Nucl
0 UN_xiong_55	UN_ci_1428	tr Q4RKM2 Q4RKM2_TETNG	Chrc
0 UN_xiong_11332	UN_ci_3697	tr Q4SLR0 Q4SLR0_TETNG	Chrc
0 UN_xiong_14228	UN_ci_3370	tr C3KJH2 C3KJH2_ANOFI	Smal
0 UN_xiong_6419	UN_ci_4293	---	
0 UN_xiong_7955	UN_ci_3238	tr Q6TNU6 Q6TNU6_DANRE	Dihy
0 UN_xiong_4182	UN_ci_6714	tr Q68J69 Q68J69_PAROL	Cath
0 UN_xiong_11475	UN_ci_5685	sp Q4S2L4 RCL_TETNG	Deoxyri
0 UN_xiong_12390	UN_ci_7693	tr C3KK54 C3KK54_ANOFI	Deox
0 UN_xiong_6263	UN_ci_8167	tr C1BKV1 C1BKV1_OSMO	ADP-
0 UN_xiong_4289	UN_ci_1617	tr Q5F3E1 Q5F3E1_CHICK	Putæ
0 UN_xiong_1206	UN_ci_8190	tr C3KJ43 C3KJ43_ANOFI	ORM1
0 UN_xiong_1241	UN_ci_8128	tr Q6DHI9 Q6DHI9_DANRE	Prot
0 UN_xiong_14951	UN_ci_4078	tr Q6Y248 Q6Y248_PAGMA	Chap
0 UN_xiong_11755	UN_ci_2833	tr Q4RSM1 Q4RSM1_TETNG	Chrc

0 UN_xiong_14454 UN_ci_8213	tr Q6PH42 Q6PH42_DANRE Ubic
0 UN_xiong_5406 UN_ci_5538	tr C3KI18 C3KI18_ANOFI Elor
0 UN_xiong_2475 UN_ci_3486	tr COH7I9 COH7I9_SALSA 40S
0 UN_xiong_3161 UN_ci_3942	tr C3KH14 C3KH14_ANOFI FK5C
0 UN_xiong_13344 UN_ci_6445	tr COHA74 COHA74_SALSA DNA-
0 UN_xiong_3504 UN_ci_8739	tr Q4SUY7 Q4SUY7_TETNG Chrc
0 UN_xiong_2521 UN_ci_7809	tr Q7ZW94 Q7ZW94_DANRE Sigr
0 UN_xiong_13725 UN_ci_5649	tr B5XFF1 B5XFF1_SALSA Dyna
0 UN_xiong_14964 UN_ci_7937	tr C1BYA1 C1BYA1_ESOLU AN1-
0 UN_xiong_12227 UN_ci_6606	---
0 UN_xiong_15334 UN_ci_7063	tr Q4SPS2 Q4SPS2_TETNG Chrc
0 UN_xiong_5387 UN_ci_769	tr B5XA79 B5XA79_SALSA 39S
0 UN_xiong_14520 UN_ci_7865	---
0 UN_xiong_4481 UN_ci_5114	tr A9ZT96 A9ZT96_SOLSE Ribc
0 UN_xiong_4168 UN_ci_560	---
0 UN_xiong_4619 UN_ci_8109	---
0 UN_xiong_4204 UN_ci_8137	tr B5X7F1 B5X7F1_SALSA Lin-
0 UN_xiong_5161 UN_ci_2879	tr Q4RHR2 Q4RHR2_TETNG Chrc
0 UN_xiong_2186 UN_ci_3805	tr Q4SCH7 Q4SCH7_TETNG Chrc
0 UN_xiong_12936 UN_ci_8520	tr Q4RL89 Q4RL89_TETNG Chrc
0 UN_xiong_14512 UN_ci_7803	---
0 UN_xiong_15667 UN_ci_6336	tr B5DGF1 B5DGF1_SALSA Sigr
0 UN_xiong_14590 UN_ci_8004	sp Q9I8U0 COX41_THUOB Cytoc
0 UN_xiong_7151 UN_ci_2975	tr C1BLD2 C1BLD2_OSMO C20c
0 UN_xiong_10090 UN_ci_8260	tr Q71U69 Q71U69_XENLA Enh
0 UN_xiong_7386 UN_ci_7921	---
0 UN_xiong_8732 UN_ci_4979	tr C1BWH3 C1BWH3_ESOLU NEDL
0 UN_xiong_15471 UN_ci_7882	---
0 UN_xiong_12428 UN_ci_8636	tr C3KHH5 C3KHH5_ANOFI tRNA
0 UN_xiong_1155 UN_ci_3401	tr B9ENP9 B9ENP9_SALSA Trar
0 UN_xiong_1113 UN_ci_7228	sp Q1L9A2 OPA3_DANRE Optic
0 UN_xiong_14774 UN_ci_7738	---
0 UN_xiong_3537 UN_ci_8191	tr B5X4D6 B5X4D6_SALSA Proe
0 UN_xiong_14834 UN_ci_1988	---
0 UN_xiong_10542 UN_ci_7879	tr C3KI22 C3KI22_ANOFI Palm
0 UN_xiong_3741 UN_ci_7821	---
0 UN_xiong_8628 UN_ci_7149	tr C1BIU8 C1BIU8_OSMO Deve
0 UN_xiong_10425 UN_ci_7009	tr C3KJY7 C3KJY7_ANOFI Traf
0 UN_xiong_10446 UN_ci_8241	tr Q4S1K2 Q4S1K2_TETNG Chrc
0 UN_xiong_8143 UN_ci_2254	---
0 UN_xiong_13417 UN_ci_7279	tr Q4SWD7 Q4SWD7_TETNG Chrc
0 UN_xiong_13713 UN_ci_7902	---
0 UN_xiong_12237 UN_ci_8233	tr B5DFB2 B5DFB2_RAT RCG30E
0 UN_xiong_12729 UN_ci_7825	tr Q4SQF9 Q4SQF9_TETNG Chrc
0 UN_xiong_14699 UN_ci_8078	---
0 UN_xiong_15043 UN_ci_6840	tr C3KJJ1 C3KJJ1_ANOFI Euk
0 UN_xiong_13144 UN_ci_6619	tr B6ZIW4 B6ZIW4_ORYLA Aurc
0 UN_xiong_15789 UN_ci_8114	tr C3KJN5 C3KJN5_ANOFI Non-
0 UN_xiong_14804 UN_ci_2625	tr Q6NZZ2 Q6NZZ2_DANRE Acti
0 UN_xiong_3369 UN_ci_8140	tr Q6Y213 Q6Y213_PAGMA Ribc
0 UN_xiong_14265 UN_ci_600	---
0 UN_xiong_974 UN_ci_4116	tr Q568Q1 Q568Q1_DANRE Chrc
0 UN_xiong_14749 UN_ci_4279	tr Q4RPX8 Q4RPX8_TETNG Chrc
0 UN_xiong_1333 UN_ci_7973	tr B5X2Q6 B5X2Q6_SALSA Nucl

0 UN_xiong_15345	UN_ci_8176	tr Q4RKC4 Q4RKC4_TETNG	Chrc
0 UN_xiong_2411	UN_ci_8008	---	
0 UN_xiong_14887	UN_ci_5525	---	
0 UN_xiong_6402	UN_ci_8316	tr Q4S2C0 Q4S2C0_TETNG	Chrc
0 UN_xiong_9555	UN_ci_8273	tr Q6DH98 Q6DH98_DANRE	CNDF
0 UN_xiong_2889	UN_ci_1644	---	
0 UN_xiong_4268	UN_ci_7713	tr A7SVD8 A7SVD8_NEMVE	Pre
0 UN_xiong_8535	UN_ci_4157	tr C3KJE5 C3KJE5_ANOFI	Nucl
0 UN_xiong_14781	UN_ci_6311	---	
0 UN_xiong_14802	UN_ci_3085	tr A3KNA4 A3KNA4_DANRE	Wu:f
0 UN_xiong_15754	UN_ci_4653	tr B5XFU3 B5XFU3_SALSA	Seru
0 UN_xiong_246	UN_ci_3615	tr C1BWH8 C1BWH8_ESOLU	Enh
0 UN_xiong_14038	UN_ci_8227	tr B5X1I0 B5X1I0_SALSA	S-ac
0 UN_xiong_8922	UN_ci_6223	tr Q4S1W7 Q4S1W7_TETNG	Chrc
0 UN_xiong_5489	UN_ci_8349	tr Q4SUP7 Q4SUP7_TETNG	Chrc
0 UN_xiong_9226	UN_ci_7954	tr C3KIH3 C3KIH3_ANOFI	Mult
0 UN_xiong_5353	UN_ci_1032	tr Q4RG08 Q4RG08_TETNG	Chrc
0 UN_xiong_14638	UN_ci_7690	tr Q4RYZ2 Q4RYZ2_TETNG	Chrc
0 UN_xiong_12384	UN_ci_6424	tr Q4SLP2 Q4SLP2_TETNG	Chrc
0 UN_xiong_15516	UN_ci_2570	tr C3KJI8 C3KJI8_ANOFI	Trar
0 UN_xiong_10473	UN_ci_1668	tr C1BWR4 C1BWR4_ESOLU	Tri
0 UN_xiong_15136	UN_ci_3756	tr C3KHD2 C3KHD2_ANOFI	U6 s
0 UN_xiong_9158	UN_ci_8145	tr Q70AH0 Q70AH0_TAKRU	Alph
0 UN_xiong_6083	UN_ci_4835	tr B5X7S9 B5X7S9_SALSA	RINC
0 UN_xiong_9652	UN_ci_8347	tr C3KJC0 C3KJC0_ANOFI	Micr
0 UN_xiong_9456	UN_ci_8266	tr C3KHN7 C3KHN7_ANOFI	COP
0 UN_xiong_14881	UN_ci_7822	sp Q4QY71 RSSA_SPAAU	40S ri
0 UN_xiong_13635	UN_ci_7175	tr Q4SAW6 Q4SAW6_TETNG	Chrc
0 UN_xiong_5614	UN_ci_3642	---	
0 UN_xiong_6787	UN_ci_3968	---	
0 UN_xiong_3293	UN_ci_8085	tr Q4SZF7 Q4SZF7_TETNG	Chrc
0 UN_xiong_14915	UN_ci_8704	tr C1BK96 C1BK96_OSMMO	Iror
0 UN_xiong_8376	UN_ci_1115	---	
0 UN_xiong_2265	UN_ci_3047	tr Q4RRE0 Q4RRE0_TETNG	Chrc
0 UN_xiong_4496	UN_ci_2065	tr C3KJR1 C3KJR1_ANOFI	UPFC
0 UN_xiong_488	UN_ci_7402	tr Q6VQB0 Q6VQB0_TAKRU	Sele
0 UN_xiong_2324	UN_ci_8425	tr C3KJ52 C3KJ52_ANOFI	CD2
0 UN_xiong_1145	UN_ci_7023	tr C1BIR6 C1BIR6_OSMMO	UPFC
0 UN_xiong_8413	UN_ci_3906	tr C1BJK8 C1BJK8_OSMMO	Trar
0 UN_xiong_4726	UN_ci_2211	---	
0 UN_xiong_14844	UN_ci_7266	tr C3KH25 C3KH25_ANOFI	Medi
0 UN_xiong_11167	UN_ci_3251	tr C3KI27 C3KI27_ANOFI	Cyst

mitochondrion undetermined SCAF21483, whole genome shotgun sequence OS=*Tetraodon nigroviridis*

ribosomal protein L36a OS=*Osmerus mordax* GN=RL36A PE=3 SV=1

transcription elongation factor B polypeptide 1 OS=*Anoplopoma fimbria* GN=ELOC PE=4 SV=1

ribosomal protein L37a OS=*Anoplopoma fimbria* GN=RL37A PE=4 SV=1

ribosomal protein L39 OS=*Oncorhynchus mykiss* PE=4 SV=1

ribosomal protein OS=*Anoplopoma fimbria* GN=PTTG1 PE=2 SV=1

ribosomal protein light chain 2, cytoplasmic OS=*Anoplopoma fimbria* GN=DYL2 PE=4 SV=1

ribosomal protein homolog OS=*Anoplopoma fimbria* GN=BUD31 PE=2 SV=1

mitochondrion 9 SCAF14710, whole genome shotgun sequence OS=*Tetraodon nigroviridis* GN=GS

ribosomal protein alpha-1 chain OS=*Osmerus mordax* GN=TBA1 PE=2 SV=1

ribosomal protein OS=*Oryzias latipes* PE=2 SV=1

ribosomal protein L31 OS=*Epinephelus coioides* PE=2 SV=1

ribosomal protein (Fragment) OS=*Ailuropoda melanoleuca* GN=PANDA_004337

transcription factor 1-alpha OS=*Pagrus major* GN=42Sp50 PE=2 SV=1

ribosomal protein reductase (Fragment) OS=*Oreochromis mossambicus* PE=2 SV=1

ribosomal protein L27a OS=*Solea senegalensis* GN=RPL27a PE=2 SV=1

transcription initiation factor TFIID subunit 10 OS=*Oncorhynchus mykiss* GN=TAF10 PE=2 SV=1

ribosomal protein secretory protein E1 OS=*Anoplopoma fimbria* GN=NPC2 PE=2 SV=1

ribosomal protein L37 OS=*Pagrus major* PE=3 SV=1

chitin OS=*Oncorhynchus mykiss* PE=2 SV=1

ribosomal protein L7 OS=*Osmerus mordax* GN=RL7 PE=2 SV=1

ribosomal protein-like 2 (E. coli) OS=*Danio rerio* GN=ruvbl2 PE=4 SV=1

mitochondrial ATP synthase lipid-binding protein OS=*Epinephelus coioides* PE=2 SV=1

transcription factor 1-alpha OS=*Pagrus major* PE=2 SV=1

ribosomal protein S21 OS=*Psetta maxima* PE=4 SV=1

mitochondrion 12 SCAF14999, whole genome shotgun sequence. (Fragment) OS=*Tetraodon nigroviridis*

ribosomal protein OS=*Anoplopoma fimbria* GN=STMN1 PE=2 SV=1

ribosomal protein pellucida (Fragment) OS=*Hypomesus transpacificus* PE=2 SV=1

mitochondrion 18 SCAF14304, whole genome shotgun sequence. (Fragment) OS=*Tetraodon nigroviridis*

ribosomal protein L30 OS=*Anoplopoma fimbria* GN=RL30 PE=4 SV=1

ribosomal protein nucleotide binding protein alpha subunit v1 subtype (Fragment) OS=*Danio rerio*

(P)H dehydrogenase quinone 1 OS=*Fundulus heteroclitus* PE=2 SV=1

ribosomal protein L11 OS=*Solea senegalensis* GN=RPL11 PE=2 SV=1

ribosomal protein 1714 OS=*Drosophila grimshawi* GN=GH15714 PE=4 SV=1

ribosomal protein L13a OS=*Solea senegalensis* GN=RPL13a-like1 PE=2 SV=1

ribosomal protein large P0-like protein OS=*Perca flavescens* PE=2 SV=1

ribosomal protein isolation factor suil-like OS=*Ictalurus punctatus* PE=4 SV=1

mitochondrion 6 SCAF14737, whole genome shotgun sequence. (Fragment) OS=*Tetraodon nigroviridis*

ribosomal protein S27 (Fragment) OS=*Psetta maxima* PE=2 SV=1

ribosomal protein translation initiation factor 3 subunit E OS=*Anoplopoma fimbria* GN=EIF3E F

ribosomal protein L17 OS=*Paralichthys olivaceus* PE=2 SV=1

ribosomal protein S9 OS=*Anoplopoma fimbria* GN=RS9 PE=2 SV=1

ribosomal protein S4 (Fragment) OS=*Epinephelus coioides* PE=2 SV=1

ribosomal protein use inhibitor, mitochondrial OS=*Osmerus mordax* GN=ATIF1 PE=4 SV=1

mosome undetermined SCAF7389, whole genome shotgun sequence OS=Tetraodon nigroviridis
ficking protein particle complex 1 OS=Danio rerio GN=trappc1 PE=2 SV=1
ribosomal protein L27 OS=Psetta maxima PE=2 SV=1
arrest protein 1 OS=Takifugu rubripes GN=zar1 PE=2 SV=1

somal protein L18a OS=Solea senegalensis GN=RPL18a PE=2 SV=1
chondrial ATP synthase F0 complex subunit c isoform 1 OS=Takifugu rubripes GN=Atp

epsin Z OS=Osmerus mordax GN=CATZ PE=2 SV=1

ribosomal protein S28 OS=Anoplopoma fimbria GN=RS28 PE=4 SV=1

mosome 1 SCAF14573, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigroviridis
ribosomal protein L18 OS=Oreochromis niloticus GN=rp118 PE=2 SV=2
membrane protein 188 OS=Salmo salar GN=TM188 PE=2 SV=1
ribosomal protein L21 OS=Epinephelus coioides PE=2 SV=1
tin-capping protein subunit beta OS=Salmo salar GN=CAPZB PE=2 SV=1

038 protein OS=Danio rerio GN=LOC51123 PE=2 SV=1

somal protein L14 OS=Solea senegalensis GN=RPL14 PE=2 SV=1
eoside diphosphate kinase (Fragment) OS=Psetta maxima PE=2 SV=1

one deacetylase complex subunit SAP18 OS=Anoplopoma fimbria GN=SAP18 PE=2 SV=1
itin OS=Psetta maxima GN=Fer1 PE=2 SV=1
l protein similar to human and mouse ubiquitin specific peptidase 39 (USP39) OS=Epinephelus
ribosomal protein L28 OS=Platichthys flesus GN=rp128 PE=2 SV=1
ase phosphoprotein 6 OS=Salmo salar GN=MPH6 PE=2 SV=1
ribosomal protein S24 OS=Pagrus major PE=2 SV=1
mosome undetermined SCAF11373, whole genome shotgun sequence. (Fragment) OS=Tetraodon

153686 OS=Danio rerio GN=ubc PE=2 SV=1
somal protein S2 OS=Solea senegalensis GN=rpS2 PE=2 SV=1
somal protein S25 OS=Solea senegalensis GN=rpS25 PE=2 SV=1

66168 protein (Fragment) OS=Danio rerio GN=rps27a PE=2 SV=1
gation factor 1-delta OS=Anoplopoma fimbria GN=EF1D PE=2 SV=1

somal protein L26 OS=Solea senegalensis GN=RPL26 PE=2 SV=1

ribosomal protein S12 OS=Solea senegalensis GN=rpS12 PE=2 SV=1
phosphatase (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00003377001 PE=3 SV=1
mosome undetermined SCAF7267, whole genome shotgun sequence. (Fragment) OS=Tetraodon
beta-inducible nuclear protein 1 OS=Osmerus mordax GN=TIP1 PE=2 SV=1
.0613-like OS=Danio rerio GN=gn131 PE=2 SV=1
mosome 13 SCAF14555, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
chondrial cytochrome C oxidase subunit Vb (Fragment) OS=Epinephelus coioides PE=2

.l nuclear ribonucleoprotein Sm D2 OS=Anoplopoma fimbria GN=SMD2 PE=4 SV=1
ear nucleic acid-binding protein C1D OS=Anoplopoma fimbria GN=C1D PE=2 SV=1
mosome undetermined SCAF14724, whole genome shotgun sequence OS=Tetraodon nigroviridis
stem-loop-interacting RNA-binding protein, mitochondrial OS=Anoplopoma fimbria GN

mosome undetermined SCAF7571, whole genome shotgun sequence. (Fragment) OS=Tetrac
 2 protein homolog OS=Salmo salar GN=BCAS2 PE=2 SV=1
 rth hormone-inducible transmembrane protein OS=Osmerus mordax GN=GHITM PE=2 SV=1

-binding nuclear protein Ran OS=Anoplopoma fimbria GN=RAN PE=2 SV=1
 ', member RAS oncogene family OS=Danio rerio GN=rab7 PE=2 SV=1

redoxin domain-containing protein 9 OS=Anoplopoma fimbria GN=TXND9 PE=2 SV=1

mosome undetermined SCAF15069, whole genome shotgun sequence OS=Tetraodon nigrovi

10A OS=Anoplopoma fimbria GN=FA60A PE=2 SV=1
 56 (Fragment) OS=Oreochromis mossambicus PE=2 SV=1
 in light polypeptide 6 OS=Anoplopoma fimbria GN=MYL6 PE=2 SV=1
 ationally-controlled tumor protein homolog OS=Psetta maxima GN=tp1 PE=2 SV=1

ribosomal protein S11 OS=Psetta maxima PE=2 SV=1
 smembrane protein 50A OS=Anoplopoma fimbria GN=TM50A PE=2 SV=1
 l dehydrogenase 1 beta subcomplex subunit 5, mitochondrial OS=Anoplopoma fimbria G
 ie-interacting protein of 10 kDa OS=Danio rerio GN=bbip10 PE=2 SV=1
 ribosomal protein S8 OS=Anoplopoma fimbria GN=RS8 PE=2 SV=1
 rs peroxiredoxin 4 OS=Seriola lalandi GN=PRDX PE=2 SV=1
 l dehydrogenase 1 alpha subcomplex subunit 9, mitochondrial OS=Anoplopoma fimbria
 or suppressor candidate 2 OS=Anoplopoma fimbria GN=TUSC2 PE=4 SV=1
 le-specific beta 1 integrin binding protein 2 OS=Epinephelus coioides PE=2 SV=1
 mosome 3 SCAF15037, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 mosome 15 SCAF14992, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
 gation factor 2 OS=Salmo salar GN=EF2 PE=2 SV=1
 athione peroxidase OS=Thunnus maccoyii PE=2 SV=2
 mosome 2 SCAF14990, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 mosome 6 SCAF14737, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS

 mosome 14 SCAF14645, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
 mosome 13 SCAF14566, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc

mosome 6 SCAF14768, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 somal protein L19 OS=Anoplopoma fimbria GN=RL19 PE=2 SV=1
 roxide dismutase [Cu-Zn] OS=Rachycentron canadum GN=SOD1 PE=2 SV=1
 mosome 3 SCAF14978, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 2A-like OS=Osmerus mordax GN=FA32A PE=4 SV=1
 mosome undetermined SCAF14696, whole genome shotgun sequence. (Fragment) OS=Tetra
 ribosomal protein L9 OS=Platichthys flesus GN=rpl9 PE=2 SV=1

mosome 3 SCAF15018, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 athione peroxidase OS=Danio rerio GN=gpx4b PE=2 SV=1
 ged multivesicular body protein 3 OS=Osmerus mordax GN=CHMP3 PE=2 SV=1

ribosomal protein S15A OS=Paralichthys olivaceus PE=2 SV=1
 merase (RNA) II (DNA directed) polypeptide E OS=Danio rerio GN=polr2eb PE=2 SV=1

mobox protein homolog 3 OS=Anoplopoma fimbria GN=CBX3 PE=2 SV=1
 itin OS=Psetta maxima GN=FerM PE=2 SV=1
 a-aminobutyric acid receptor-associated protein-like 1 OS=Osmerus mordax GN=GRL1
 mosome 2 SCAF15106, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 omer subunit zeta-1 OS=Anoplopoma fimbria GN=COPZ1 PE=2 SV=1

motif-containing protein 2 OS=Oncorhynchus mykiss GN=LYRM2 PE=4 SV=1
 l protein similar to vertebrate CD151 antigen (CD151) OS=Danio rerio GN=si:dkey-2
 smembrane emp24 domain-containing protein 10 (Fragment) OS=Salmo salar GN=TMEDA F

mosome 3 SCAF15037, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 : shock protein 90 OS=Psetta maxima GN=HSP90 PE=2 SV=1

cing factor arginine/serine-rich 3 OS=Paralichthys olivaceus PE=2 SV=1
 somal protein S16 OS=Xenopus tropicalis GN=rps16 PE=2 SV=1

OS=Thunnus thynnus orientalis PE=2 SV=1

100 protein C5orf51 homolog OS=Danio rerio GN=si:dkey-46a10.3 PE=2 SV=1
 somal protein L7-like 1 OS=Salmo salar GN=RL7L PE=2 SV=1
 ribosomal protein S14 (Fragment) OS=Psetta maxima PE=2 SV=1
 ribosomal protein S19 (Fragment) OS=Epinephelus coioides PE=2 SV=1
 mosome 4 SCAF15093, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS

somal protein L6 OS=Solea senegalensis GN=RPL6 PE=2 SV=1
 eronin containing TCP1 subunit 6A (Fragment) OS=Paralichthys olivaceus GN=Cctz PE
 mosome 13 SCAF14627, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigro
 ubiquitin OS=Oncorhynchus mykiss PE=2 SV=1

2A, member RAS oncogene family OS=Salmo salar GN=rab2a PE=2 SV=1
 i homolog, mitochondrial OS=Anoplopoma fimbria GN=EMI5 PE=2 SV=1
 oprotein T1a OS=Danio rerio GN=selt1a PE=2 SV=3
 mosome 13 SCAF15035, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 itive uncharacterized protein (Fragment) OS=Mus musculus GN=2410042D21Rik PE=2 SV=
 mosome 1 SCAF14640, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 l-ubiquinone oxidoreductase 75 kDa subunit OS=Danio rerio GN=ndufs1 PE=2 SV=1
 ribosomal protein L47, mitochondrial OS=Esox lucius GN=RM47 PE=2 SV=1
 mosome 5 SCAF14581, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 yltransferase WBSR22 OS=Anoplopoma fimbria GN=WBS22 PE=2 SV=1
 ryotic translation initiation factor 3 subunit 12 OS=Oncorhynchus mykiss GN=IF3C
 mosome undetermined SCAF10875, whole genome shotgun sequence. (Fragment) OS=Tetra
 ATP translocase 2 OS=Osmerus mordax GN=ADT2 PE=2 SV=1

114204 OS=Danio rerio GN=golt1b PE=2 SV=1
 ribosomal protein L16, mitochondrial OS=Anoplopoma fimbria GN=RM16 PE=2 SV=1

somal protein S17 OS=Solea senegalensis GN=rpS17 PE=2 SV=1
 ptor for activated protein kinase C OS=Oreochromis mossambicus PE=2 SV=1
 mosome undetermined SCAF15016, whole genome shotgun sequence OS=Tetraodon nigrovi

box binding protein OS=Takifugu rubripes PE=2 SV=1

ba (Fragment) OS=Pagrus major PE=2 SV=1
 in regulatory light chain 2, smooth muscle isoform OS=Anoplopoma fimbria GN=MLRN
 17656 protein OS=Xenopus tropicalis GN=cops2 PE=2 SV=1

 itive uncharacterized protein (Fragment) OS=Ailuropoda melanoleuca GN=PANDA_006953
 mosome 9 SCAF14729, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 cription factor A, mitochondrial OS=Anoplopoma fimbria GN=TFAM PE=2 SV=1

 easome subunit beta type OS=Anoplopoma fimbria GN=PSB1A PE=2 SV=1
 yotic translation initiation factor 3 subunit I OS=Danio rerio GN=eif3i PE=2 SV=1
 rammed cell death 5 OS=Danio rerio GN=pdcd5 PE=2 SV=1
 age-dependent anion channel OS=Paralichthys olivaceus GN=VDAC PE=2 SV=1
 mosome 9 SCAF14729, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 I dehydrogenase 1 beta subcomplex subunit 6 OS=Anoplopoma fimbria GN=NDUB6 PE=2 SV
 easome subunit beta type OS=Osmerus mordax GN=PSB3 PE=2 SV=1
 mosome undetermined SCAF13749, whole genome shotgun sequence OS=Tetraodon nigrovi
 mosome 1 SCAF14573, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 ator of RNA polymerase II transcription subunit 20 OS=Salmo salar GN=MED20 PE=2 S
 somal protein L32 OS=Epinephelus coioides PE=2 SV=1
 444845 protein (Fragment) OS=Xenopus laevis GN=LOC444845 PE=2 SV=1
 mosome 16 SCAF15002, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
 easome subunit alpha type OS=Anoplopoma fimbria GN=PSA3 PE=2 SV=1
 mosome 11 SCAF14528, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
 ular nucleic acid-binding protein OS=Osmerus mordax GN=CNBP PE=2 SV=1
 mosome 1 SCAF15008, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov

 i08 protein C19orf42 homolog OS=Siniperca chuatsi PE=3 SV=1
 proteasome non-ATPase regulatory subunit 7 like 2 OS=Salmo salar PE=2 SV=1

 ychrome c oxidase subunit VIb OS=Scombridae gen. sp. PE=4 SV=1
 cription elongation factor SPT4 OS=Anoplopoma fimbria GN=SPT4H PE=4 SV=1
 mosome 1 SCAF14573, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 mosome 12 SCAF15104, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 a mobility group protein B2 OS=Anoplopoma fimbria GN=HMGB2 PE=2 SV=1

 mosome 18 SCAF14712, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 .5 homolog OS=Salmo salar GN=CWC15 PE=2 SV=1
 r suppressor candidate 4 OS=Salmo salar GN=TUSC4 PE=2 SV=1
 mosome undetermined SCAF14653, whole genome shotgun sequence OS=Tetraodon nigrovi
 123194 OS=Danio rerio GN=zgc:123194 PE=2 SV=1
 easome activator complex subunit 3 OS=Salmo salar GN=PSME3 PE=2 SV=1

 -dependent RNA helicase DDX39 (Fragment) OS=Salmo salar GN=DDX39 PE=2 SV=1
 2 decapping enzyme homolog (S. cerevisiae) OS=Danio rerio GN=dcp2 PE=2 SV=1

 .00170503 protein (Fragment) OS=Xenopus tropicalis GN=LOC100170503 PE=2 SV=1
 92A1 OS=Anoplopoma fimbria GN=F92A1 PE=2 SV=1
 mosome 2 SCAF14738, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 .chyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A OS=Salmc
 -directed RNA polymerases I, II, and III subunit RPABC5 OS=Anoplopoma fimbria GN=F

easome assembly chaperone 1 OS=Salmo salar GN=PSMG1 PE=2 SV=1
 mosome 1 SCAF14995, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 lig cell tumor 10 kDa protein homolog OS=Anoplopoma fimbria GN=L10K PE=4 SV=1
 mosome 1 SCAF14749, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 iferation-associated protein 2G4 OS=Salmo salar GN=PA2G4 PE=2 SV=1
 uitin-like protein 4A OS=Anoplopoma fimbria GN=UBL4A PE=2 SV=1
 athione S-transferase OS=Epinephelus coioides PE=2 SV=1
 l dehydrogenase 1 alpha subcomplex subunit 1 OS=Anoplopoma fimbria GN=NDUA1 PE=4 S
 domain-containing protein 1 OS=Anoplopoma fimbria GN=RWDD1 PE=2 SV=1
 ired for meiotic nuclear division 5 homolog B (S. cerevisiae) OS=Danio rerio GN=r
 ie/threonine-protein phosphatase 2A regulatory subunit B' subunit gamma OS=Danio

 ygene DJ-1 OS=Maylandia sp. 'Kompakt Mbamba Bay' GN=Dj1 PE=2 SV=1
 chondrial fission 1 protein OS=Anoplopoma fimbria GN=FIS1 PE=2 SV=1

igation factor 1-gamma OS=Osmerus mordax GN=EF1G PE=2 SV=1
 mosome 8 SCAF15044, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov

92043 OS=Danio rerio GN=caprinla PE=1 SV=1

r membrane protein, mitochondrial (Mitofilin) OS=Danio rerio GN=immt PE=2 SV=1
 chol phosphate-mannose biosynthesis regulatory protein OS=Anoplopoma fimbria GN=L
 ne/threonine-protein phosphatase OS=Salmo salar GN=ppplcc PE=2 SV=1
 oldin subunit 6 OS=Oncorhynchus mykiss GN=PFD6 PE=2 SV=1
 ribosomal protein L51, mitochondrial OS=Anoplopoma fimbria GN=RM51 PE=2 SV=1
 lin-2 OS=Anoplopoma fimbria GN=COF2 PE=2 SV=1
 amine synthetase OS=Opsanus beta GN=GSase PE=2 SV=1
 uitin carrier protein OS=Salmo salar GN=UBC9 PE=2 SV=1
 414 transmembrane protein C20orf30 homolog OS=Anoplopoma fimbria GN=CT030 PE=4 SV

mRNA-processing factor 19 OS=Salmo salar GN=PRP19 PE=2 SV=1
 like protein OS=Sciaenops ocellatus GN=QM PE=2 SV=1
 ribosomal protein L8 OS=Osmerus mordax GN=RL8 PE=2 SV=1
 mosome 13 SCAF14555, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
 synthase subunit g, mitochondrial OS=Anoplopoma fimbria GN=ATP5L PE=4 SV=1

lenosylmethionine synthase OS=Tetraodon nigroviridis GN=GSTENG00029452001 PE=3 SV=
 527 membrane protein OS=Esox lucius GN=U527 PE=2 SV=1

mosome 21 SCAF14577, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 ptor for activated protein kinase C (Fragment) OS=Psetta maxima PE=2 SV=1

ine phosphoribosyl transferase (Fragment) OS=Psetta maxima PE=2 SV=1
 ? (Fragment) OS=Oryzias latipes PE=4 SV=1

mosome 8 SCAF14543, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 mosome 14 SCAF14660, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 chyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 OS=Osmeru
 eophosmin (Fragment) OS=Salmo salar GN=NPM PE=2 SV=1
 i tubulin OS=Notothenia coriiceps PE=2 SV=1
 l dehydrogenase 1 beta subcomplex subunit 8, mitochondrial OS=Anoplopoma fimbria G
 ill receptor-associated protein 29 OS=Osmerus mordax GN=BAP29 PE=2 SV=1
 in saall OS=Danio rerio GN=saall PE=2 SV=2

mplex protein 1 subunit alpha (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023
 itive uncharacterized protein OS=Volvox carteri f. nagariensis GN=VOLCADRAFT_93889
 igation factor 1-beta OS=Salmo salar GN=EF1B PE=2 SV=1
 redoxin, mitochondrial OS=Salmo salar GN=THIOM PE=2 SV=1

 in 3 OS=Danio rerio GN=cul3a PE=2 SV=1

 iferation-associated protein 2G4 (Fragment) OS=Salmo salar GN=PA2G4 PE=2 SV=1
 mosome 4 SCAF14752, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 ted in azoospermia-like protein OS=Lates calcarifer GN=dazl PE=2 SV=1
 mosome 7 SCAF14536, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 easome subunit alpha type OS=Danio rerio GN=psma2 PE=2 SV=1
 smembrane emp24 domain-containing protein 2 OS=Esox lucius GN=TMED2 PE=2 SV=1
 0179 OS=Osmerus mordax GN=K0179 PE=2 SV=1
 somal protein L5 OS=Solea senegalensis GN=RPL5 PE=2 SV=1
 synthase subunit beta (Fragment) OS=Gillichthys seta PE=2 SV=1

 somal protein OS=Solea senegalensis GN=RPL10a PE=2 SV=1
 um channel modifier 1 OS=Danio rerio GN=scnml PE=2 SV=1
 163141 protein OS=Danio rerio GN=zgc:163141 PE=2 SV=1
 ribosomal protein L5 OS=Osmerus mordax GN=RL5 PE=2 SV=1

 .00158386 protein OS=Xenopus laevis GN=sfrs12ip1 PE=2 SV=1

 sine-specific methyltransferase OS=Xiphophorus maculatus x Xiphophorus helleri GN
 -specific GTPase-activating protein OS=Anoplopoma fimbria GN=RANG PE=2 SV=1
 yltransferase-like protein 5 OS=Salmo salar GN=METL5 PE=2 SV=1
 spanin-31-B OS=Xenopus laevis GN=tspan31-b PE=2 SV=1
 some maturation protein SBDS OS=Anoplopoma fimbria GN=SBDS PE=2 SV=1

 JC protein OS=Tetraodon nigroviridis GN=H01CJC PE=2 SV=1

 l-tRNA synthetase OS=Danio rerio GN=kars PE=2 SV=1
 mosome undetermined SCAF7120, whole genome shotgun sequence OS=Tetraodon nigrovir
 -37 homolog OS=Esox lucius GN=LIN37 PE=2 SV=1
 mosome 13 SCAF15000, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigro
 mer subunit epsilon OS=Anoplopoma fimbria GN=COPE PE=2 SV=1
 -box protein 2 OS=Oncorhynchus mykiss GN=RBX2 PE=4 SV=1
 .12-like protein OS=Anoplopoma fimbria GN=TR112 PE=2 SV=1
 mosome 9 SCAF15033, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 ial peptidase complex subunit 3 OS=Salmo salar GN=SPCS3 PE=2 SV=1
 iral killer enhancing factor OS=Psetta maxima PE=2 SV=1
 mosome 12 SCAF14999, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigro

 oldin subunit 4 OS=Anoplopoma fimbria GN=PF4 PE=2 SV=1

 mosome 11 SCAF14979, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigro
 : finger protein 183 OS=Oryzias latipes PE=2 SV=1

 ribosomal protein L30, mitochondrial OS=Anoplopoma fimbria GN=RM30 PE=2 SV=1
 rival of motor neuron-related-splicing factor 30 OS=Anoplopoma fimbria GN=SPF30 PE
 itive RBX1 protein OS=Taeniopygia guttata PE=4 SV=1

proteasome non-ATPase regulatory subunit 13 OS=Anoplopoma fimbria GN=PSD13 PE=2 SV=1
 atin-B OS=Salmo salar GN=CYTB PE=4 SV=1
 synthase OS=Danio rerio GN=ctps PE=3 SV=1
 directed RNA polymerase III subunit RPC6 OS=Salmo salar GN=RPC6 PE=2 SV=1
 101107 OS=Danio rerio GN=zgc:101107 PE=2 SV=1
 olar protein sorting-associated protein 33A OS=Salmo salar GN=VP33A PE=2 SV=1
 osine kinase OS=Osmerus mordax GN=ADK PE=2 SV=1
 easome subunit alpha type (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00028335C
 oclast-stimulating factor 1 OS=Salmo salar GN=OSTF1 PE=2 SV=1
 yotic translation initiation factor 3 subunit L OS=Danio rerio GN=eif3l PE=2 SV=1
 able tRNAHis guanylyltransferase OS=Anoplopoma fimbria GN=THG1 PE=2 SV=1
 lkey-13i19.8 OS=Danio rerio GN=si:dkey-13i19.8 PE=4 SV=1
 synthase, H⁺ transporting, mitochondrial F0 complex, subunit d OS=Danio rerio GN=
 l ubiquitin-related modifier 2 OS=Anoplopoma fimbria GN=SUMO2 PE=4 SV=1
 smembrane protein 147 OS=Salmo salar GN=TM147 PE=2 SV=1
 smembrane BAX inhibitor motif-containing protein 4 OS=Osmerus mordax GN=TMBI4 PE=

 mosome undetermined SCAF11566, whole genome shotgun sequence. (Fragment) OS=Tetra
 mosome 21 SCAF7061, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS

 tron transfer flavoprotein subunit alpha, mitochondrial OS=Anoplopoma fimbria GN=
 ribosomal protein L14, mitochondrial OS=Anoplopoma fimbria GN=RM14 PE=2 SV=1
 . division control protein 42 homolog OS=Anoplopoma fimbria GN=CDC42 PE=2 SV=1
 somal protein S6 OS=Solea senegalensis GN=rpS6 PE=2 SV=1

 uscription initiation factor TFIID subunit 11 OS=Osmerus mordax GN=TAF11 PE=2 SV=1
 xiredoxin 6 OS=Psetta maxima GN=Prx6 PE=2 SV=1
 idyl-prolyl cis-trans isomerase OS=Salmo salar GN=PPIL3 PE=2 SV=1
 ribosomal protein S17 OS=Salmo salar GN=RS17 PE=2 SV=1
 icted protein OS=Chlamydomonas reinhardtii GN=CHLREDRAFT_155068 PE=4 SV=1

 able protein BRICK1 OS=Anoplopoma fimbria GN=BRK1 PE=4 SV=1

 mosome undetermined SCAF14653, whole genome shotgun sequence OS=Tetraodon nigrovi
 ose-regulated protein 78kDa (Fragment) OS=Oncorhynchus mykiss GN=GRP78 PE=2 SV=1
 ; shock protein 60 OS=Larimichthys crocea GN=Hsp60 PE=4 SV=1

 . division cycle 5-like protein OS=Salmo salar GN=CDC5L PE=2 SV=1
 .l EDRK-rich factor 2 OS=Anoplopoma fimbria GN=SERF2 PE=4 SV=1
 ilin cofactor a OS=Danio rerio GN=tbca PE=2 SV=1
 :l protein (Fragment) OS=Danio rerio GN=prmt1 PE=2 SV=1
 mosome 1 SCAF14995, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 35128 protein OS=Xenopus laevis GN=txnl4a PE=2 SV=1
 rogeneous nuclear ribonucleoprotein A/B OS=Salmo salar GN=ROAA PE=2 SV=1

 .cesome-associated factor 61 OS=Danio rerio GN=sf3a3 PE=2 SV=1
 mosome 7 SCAF14703, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 mosome 13 SCAF14555, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigro
 eit locus protein 5 OS=Osmerus mordax GN=SURF5 PE=2 SV=1
 rc-binding protein OS=Anoplopoma fimbria GN=MYCBP PE=4 SV=1
 synthase-coupling factor 6, mitochondrial OS=Anoplopoma fimbria GN=ATP5J PE=3 SV=

 mosome 7 SCAF14703, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 redoxin-dependent peroxide reductase, mitochondrial OS=Anoplopoma fimbria GN=PRDX

chondrial 28S ribosomal protein S21 OS=Anoplopoma fimbria GN=RT21 PE=4 SV=1
 mosome 17 SCAF14760, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 ribosomal protein S31, mitochondrial OS=Salmo salar GN=RT31 PE=2 SV=1
 r suppressor candidate 2 OS=Anoplopoma fimbria GN=TUSC2 PE=4 SV=1
 protease regulatory subunit 8 OS=Anoplopoma fimbria GN=PRS8 PE=2 SV=1
 mosome 8 SCAF15044, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrov
 itricopeptide repeat-containing protein 2 OS=Danio rerio GN=ptcd2 PE=2 SV=1
 uryotic translation initiation factor 1A, X-chromosomal OS=Anoplopoma fimbria GN=I
 genesis of lysosome-related organelles complex-1 subunit 1 OS=Anoplopoma fimbria G
 mosome 11 SCAF14979, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 redoxin OS=Salmo salar GN=THIO PE=4 SV=1
 able signal peptidase complex subunit 2 OS=Anoplopoma fimbria GN=SPCS2 PE=2 SV=1
 itive uncharacterized protein (Fragment) OS=Ailuropoda melanoleuca GN=PANDA_005916
 ication protein A 32 kDa subunit OS=Anoplopoma fimbria GN=RFA2 PE=2 SV=1
 scription factor Dp-1 OS=Larimichthys crocea PE=2 SV=1
 mosome 2 SCAF14781, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=GS
 ilin OS=Tetraodon nigroviridis GN=GSTENG00007244001 PE=3 SV=1
 ll leukemia translocation-altered gene protein homolog OS=Anoplopoma fimbria GN=I

 idine triad nucleotide-binding protein 1 OS=Anoplopoma fimbria GN=HINT1 PE=2 SV=1
 l dehydrogenase iron-sulfur protein 7, mitochondrial OS=Anoplopoma fimbria GN=NDUS
 stallin J1A OS=Salmo salar GN=CRJ1A PE=2 SV=1

 uitin carrier protein OS=Salmo salar GN=UBE2B PE=2 SV=1
 redoxin OS=Anoplopoma fimbria GN=THIO PE=4 SV=1
 somal protein S7 OS=Solea senegalensis GN=rpS7 PE=2 SV=1
 mosome 17 SCAF14563, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 small nucleolar RNA-interacting protein 2 OS=Osmerus mordax GN=U3IP2 PE=2 SV=1
 uitin carrier protein OS=Anoplopoma fimbria GN=UBE2A PE=2 SV=1

 idylprolyl isomerase (Cyclophilin)-like 4 OS=Danio rerio GN=ppil4 PE=2 SV=1
 yotic translation initiation factor 3 subunit D OS=Danio rerio GN=eif3d PE=2 SV=1
 mosome 18 SCAF14712, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 able palmitoyltransferase ZDHHC4 OS=Anoplopoma fimbria GN=ZDHC4 PE=2 SV=1
 . death-regulatory protein OS=Psetta maxima PE=2 SV=2
 mosome 11 SCAF14479, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 mosome 14 SCAF15003, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 synthase gamma chain OS=Danio rerio GN=atp5c1 PE=2 SV=1
 polymerase B transcription factor 3 (Fragment) OS=Psetta maxima PE=2 SV=1
 eolar protein 5 OS=Salmo salar GN=NOL5 PE=2 SV=1
 mosome 18 SCAF15027, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C
 mosome 15 SCAF14556, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigr
 .l nuclear ribonucleoprotein G OS=Anoplopoma fimbria GN=RUXG PE=4 SV=1

 rdrolipoyl dehydrogenase OS=Danio rerio GN=dl dh PE=2 SV=1
 epsin B OS=Paralichthys olivaceus PE=2 SV=1
 .bonucleoside 5'-monophosphate N-glycosidase OS=Tetraodon nigroviridis GN=rcl PE=3
 yridine 5-triphosphate nucleotidohydrolase, mitochondrial OS=Anoplopoma fimbria
 ribosylation factor-like protein 1 OS=Osmerus mordax GN=ARL1 PE=2 SV=1
 itive uncharacterized protein OS=Gallus gallus GN=RCJMB04_19p6 PE=2 SV=1
 .-like protein 1 OS=Anoplopoma fimbria GN=ORML1 PE=2 SV=1
 easome subunit beta type OS=Danio rerio GN=psmb2 PE=2 SV=1
 eronin subunit 7 (Fragment) OS=Pagrus major PE=2 SV=1
 mosome 12 SCAF14999, whole genome shotgun sequence OS=Tetraodon nigroviridis GN=C

uitin carrier protein (Fragment) OS=Danio rerio GN=ube2l3l PE=2 SV=1
gation factor 1-delta OS=Anoplopoma fimbria GN=EF1D PE=2 SV=1
ribosomal protein S15 OS=Salmo salar GN=RS15 PE=2 SV=1
6-binding protein 1A OS=Anoplopoma fimbria GN=FKB1A PE=3 SV=1
-directed RNA polymerase OS=Salmo salar GN=RPB2 PE=2 SV=1
mosome 21 SCAF13835, whole genome shotgun sequence. (Fragment) OS=Tetraodon nigrc
al recognition particle 9 kDa protein OS=Danio rerio GN=srp9 PE=2 SV=1
ctin subunit 6 OS=Salmo salar GN=DCTN6 PE=2 SV=1
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Unigene_UN_xiong_15520	921	719	5.15E-59 UN_xiong_15520
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Unigene_UN_xiong_876	509	277	3.31E-58 UN_xiong_876
Unigene_UN_xiong_9163	619	392	2.58E-57 UN_xiong_9163
Unigene_UN_xiong_14497	568	341	5.47E-57 UN_xiong_14497
Unigene_UN_xiong_3436	467	243	1.77E-56 UN_xiong_3436
Unigene_UN_xiong_8136	407	188	4.03E-56 UN_xiong_8136
Unigene_UN_xiong_4975	426	208	2.46E-55 UN_xiong_4975
Unigene_UN_xiong_1201	520	303	2.47E-54 UN_xiong_1201
Unigene_UN_xiong_14327	969	814	2.68E-53 UN_xiong_14327
Unigene_UN_xiong_5113	529	319	7.69E-53 UN_xiong_5113
Unigene_UN_xiong_2520	1151	1044	2.07E-52 UN_xiong_2520
Unigene_UN_xiong_142	607	404	2.93E-52 UN_xiong_142
Unigene_UN_xiong_4059	327	136	2.52E-50 UN_xiong_4059
Unigene_UN_xiong_6694	713	538	3.26E-49 UN_xiong_6694
Unigene_UN_xiong_10563	598	410	4.72E-49 UN_xiong_10563
Unigene_UN_xiong_1586	927	807	4.62E-47 UN_xiong_1586
Unigene_UN_xiong_14563	1317	1304	5.05E-47 UN_xiong_14563
Unigene_UN_xiong_12491	366	189	4.79E-45 UN_xiong_12491
Unigene_UN_xiong_15449	350	176	2.09E-44 UN_xiong_15449
Unigene_UN_xiong_14271	852	737	4.83E-44 UN_xiong_14271
Unigene_UN_xiong_15692	387	215	1.74E-43 UN_xiong_15692
Unigene_UN_xiong_13462	273	111	3.37E-43 UN_xiong_13462
Unigene_UN_xiong_12050	561	405	2.32E-42 UN_xiong_12050
Unigene_UN_xiong_1436	681	545	5.98E-42 UN_xiong_1436

Unigene_UN_xiong_14884	242	89	7.50E-42 UN_xiong_14884
Unigene_UN_xiong_4179	778	662	7.97E-42 UN_xiong_4179
Unigene_UN_xiong_6936	290	130	1.02E-41 UN_xiong_6936
Unigene_UN_xiong_2808	570	423	5.69E-41 UN_xiong_2808
Unigene_UN_xiong_15372	649	516	1.40E-40 UN_xiong_15372
Unigene_UN_xiong_3384	606	475	4.11E-39 UN_xiong_3384
Unigene_UN_xiong_14525	1055	1044	3.86E-38 UN_xiong_14525
Unigene_UN_xiong_2973	823	746	4.38E-38 UN_xiong_2973
Unigene_UN_xiong_557	393	246	1.06E-37 UN_xiong_557
Unigene_UN_xiong_12975	369	221	1.30E-37 UN_xiong_12975
Unigene_UN_xiong_14541	397	251	1.99E-37 UN_xiong_14541
Unigene_UN_xiong_14313	831	762	2.31E-37 UN_xiong_14313
Unigene_UN_xiong_13097	898	848	3.34E-37 UN_xiong_13097
Unigene_UN_xiong_6672	448	308	4.86E-37 UN_xiong_6672
Unigene_UN_xiong_4304	285	142	9.85E-37 UN_xiong_4304
Unigene_UN_xiong_14344	594	480	3.46E-36 UN_xiong_14344
Unigene_UN_xiong_14299	305	166	1.62E-35 UN_xiong_14299
Unigene_UN_xiong_12671	848	810	3.20E-34 UN_xiong_12671
Unigene_UN_xiong_14883	304	172	1.00E-33 UN_xiong_14883
Unigene_UN_xiong_2239	291	160	1.92E-33 UN_xiong_2239
Unigene_UN_xiong_4351	295	166	6.11E-33 UN_xiong_4351
Unigene_UN_xiong_15034	395	274	2.58E-32 UN_xiong_15034
Unigene_UN_xiong_9964	239	116	4.80E-32 UN_xiong_9964
Unigene_UN_xiong_14637	300	176	8.09E-32 UN_xiong_14637
Unigene_UN_xiong_14354	529	435	3.07E-31 UN_xiong_14354
Unigene_UN_xiong_15039	373	256	3.39E-31 UN_xiong_15039
Unigene_UN_xiong_14970	305	184	3.60E-31 UN_xiong_14970
Unigene_UN_xiong_9243	787	764	2.02E-30 UN_xiong_9243
Unigene_UN_xiong_4995	355	241	3.29E-30 UN_xiong_4995
Unigene_UN_xiong_14717	477	381	4.36E-30 UN_xiong_14717
Unigene_UN_xiong_3793	240	125	7.99E-30 UN_xiong_3793
Unigene_UN_xiong_2413	302	190	3.56E-29 UN_xiong_2413
Unigene_UN_xiong_14516	412	314	1.51E-28 UN_xiong_14516
Unigene_UN_xiong_3968	433	344	9.32E-28 UN_xiong_3968
Unigene_UN_xiong_3503	343	241	1.07E-27 UN_xiong_3503
Unigene_UN_xiong_3181	232	126	1.68E-27 UN_xiong_3181
Unigene_UN_xiong_1200	335	234	2.46E-27 UN_xiong_1200
Unigene_UN_xiong_6740	310	211	1.37E-26 UN_xiong_6740
Unigene_UN_xiong_13283	255	154	3.26E-26 UN_xiong_13283
Unigene_UN_xiong_12762	368	280	9.79E-26 UN_xiong_12762
Unigene_UN_xiong_14527	273	176	1.83E-25 UN_xiong_14527
Unigene_UN_xiong_662	455	386	2.39E-25 UN_xiong_662
Unigene_UN_xiong_14683	315	223	2.55E-25 UN_xiong_14683
Unigene_UN_xiong_15786	398	324	2.29E-24 UN_xiong_15786
Unigene_UN_xiong_14398	328	245	5.58E-24 UN_xiong_14398
Unigene_UN_xiong_3085	342	261	5.75E-24 UN_xiong_3085
Unigene_UN_xiong_2677	215	124	1.07E-23 UN_xiong_2677
Unigene_UN_xiong_15049	283	198	2.69E-23 UN_xiong_15049
Unigene_UN_xiong_14106	234	149	1.49E-22 UN_xiong_14106
Unigene_UN_xiong_7138	441	398	2.29E-21 UN_xiong_7138

Unigene_UN_xiong_13092	274	202	9.41E-21 UN_xiong_13092
Unigene_UN_xiong_14224	409	365	1.70E-20 UN_xiong_14224
Unigene_UN_xiong_4865	259	188	3.60E-20 UN_xiong_4865
Unigene_UN_xiong_8591	543	542	5.88E-20 UN_xiong_8591
Unigene_UN_xiong_10069	399	357	7.32E-20 UN_xiong_10069
Unigene_UN_xiong_607	458	436	2.17E-19 UN_xiong_607
Unigene_UN_xiong_3481	286	224	2.19E-19 UN_xiong_3481
Unigene_UN_xiong_3495	426	397	3.55E-19 UN_xiong_3495
Unigene_UN_xiong_15078	340	291	5.22E-19 UN_xiong_15078
Unigene_UN_xiong_6002	340	292	7.97E-19 UN_xiong_6002
Unigene_UN_xiong_11708	273	213	9.80E-19 UN_xiong_11708
Unigene_UN_xiong_6878	343	300	3.40E-18 UN_xiong_6878
Unigene_UN_xiong_1920	316	270	8.34E-18 UN_xiong_1920
Unigene_UN_xiong_10414	369	336	1.01E-17 UN_xiong_10414
Unigene_UN_xiong_14761	396	371	1.20E-17 UN_xiong_14761
Unigene_UN_xiong_15624	462	460	3.07E-17 UN_xiong_15624
Unigene_UN_xiong_1043	409	396	1.01E-16 UN_xiong_1043
Unigene_UN_xiong_16	313	275	1.34E-16 UN_xiong_16
Unigene_UN_xiong_8203	321	286	2.00E-16 UN_xiong_8203
Unigene_UN_xiong_14899	242	192	3.90E-16 UN_xiong_14899
Unigene_UN_xiong_11580	330	303	8.97E-16 UN_xiong_11580
Unigene_UN_xiong_6171	267	232	8.94E-15 UN_xiong_6171
Unigene_UN_xiong_889	220	177	1.83E-14 UN_xiong_889
Unigene_UN_xiong_14731	266	234	2.83E-14 UN_xiong_14731
Unigene_UN_xiong_15790	332	318	2.99E-14 UN_xiong_15790
Unigene_UN_xiong_2288	244	208	3.95E-14 UN_xiong_2288
Unigene_UN_xiong_8411	310	291	3.96E-14 UN_xiong_8411
Unigene_UN_xiong_4628	272	243	4.79E-14 UN_xiong_4628
Unigene_UN_xiong_9969	122	74	2.89E-13 UN_xiong_9969
Unigene_UN_xiong_9738	296	281	3.39E-13 UN_xiong_9738
Unigene_UN_xiong_14990	174	134	9.14E-13 UN_xiong_14990
Unigene_UN_xiong_2226	216	186	2.20E-12 UN_xiong_2226
Unigene_UN_xiong_14362	266	251	3.55E-12 UN_xiong_14362
Unigene_UN_xiong_14684	271	258	4.47E-12 UN_xiong_14684
Unigene_UN_xiong_8985	137	100	2.84E-11 UN_xiong_8985
Unigene_UN_xiong_13205	197	175	9.63E-11 UN_xiong_13205
Unigene_UN_xiong_4642	265	264	1.46E-10 UN_xiong_4642
Unigene_UN_xiong_10903	142	111	2.11E-10 UN_xiong_10903
Unigene_UN_xiong_4348	183	161	2.45E-10 UN_xiong_4348
Unigene_UN_xiong_14352	242	236	2.65E-10 UN_xiong_14352
Unigene_UN_xiong_14975	194	175	3.39E-10 UN_xiong_14975
Unigene_UN_xiong_13896	191	172	3.57E-10 UN_xiong_13896
Unigene_UN_xiong_3763	169	148	1.25E-09 UN_xiong_3763
Unigene_UN_xiong_14666	185	169	1.31E-09 UN_xiong_14666
Unigene_UN_xiong_5310	206	196	1.42E-09 UN_xiong_5310
Unigene_UN_xiong_838	194	187	9.51E-09 UN_xiong_838
Unigene_UN_xiong_14997	182	181	1.02E-07 UN_xiong_14997
Unigene_UN_xiong_891	152	147	3.80E-07 UN_xiong_891
Unigene_UN_xiong_10111	155	154	1.06E-06 UN_xiong_10111

ci_unigene	Swiss-Prot_annotation
UN_ci_3507	---
UN_ci_2022	---
UN_ci_7667	tr C1BKC6 C1BKC6_OSMO 60S ribosomal protein L36a OS=Osmerus mordax (
UN_ci_7782	tr C3KH90 C3KH90_ANOFI 60S ribosomal protein L37a OS=Anoplopoma fimbri
UN_ci_1194	tr Q711N8 Q711N8_ONCMY Putative ribosomal protein L39 protein OS=Onco
UN_ci_7812	tr Q4S7Z7 Q4S7Z7_TETNG Chromosome 9 SCAF14710, whole genome shotgun s
UN_ci_7956	tr C1BKE1 C1BKE1_OSMO Tubulin alpha-1 chain OS=Osmerus mordax GN=TB/
UN_ci_66	tr D6PVP8 D6PVP8_EPICO 60S ribosomal protein L31 OS=Epinephelus coioides
UN_ci_7676	tr D2H3P7 D2H3P7_AILME Putative uncharacterized protein (Fragment) OS
UN_ci_6078	tr A9ZTA6 A9ZTA6_SOLSE Ribosomal protein L27a OS=Solea senegalensis (
UN_ci_8633	tr Q6Y205 Q6Y205_PAGMA Ribosomal protein L37 OS=Pagrus major PE=3 SV=
UN_ci_3497	tr Q9PT09 Q9PT09_ONCMY Ubiquitin OS=Oncorhynchus mykiss PE=2 SV=1
UN_ci_4006	tr C1BJG0 C1BJG0_OSMO 60S ribosomal protein L7 OS=Osmerus mordax GN=
UN_ci_3287	tr B0S5N1 B0S5N1_DANRE RuvB-like 2 (E. coli) OS=Danio rerio GN=ruvbl2
UN_ci_3282	tr Q6Y243 Q6Y243_PAGMA Elongation factor 1-alpha OS=Pagrus major PE=2
UN_ci_8688	tr A0EZZ6 A0EZZ6_PSEMX 40S ribosomal protein S21 OS=Psetta maxima PE=
UN_ci_8099	tr Q4ST43 Q4ST43_TETNG Chromosome 18 SCAF14304, whole genome shotgun
UN_ci_4775	tr C3KHU1 C3KHU1_ANOFI 60S ribosomal protein L30 OS=Anoplopoma fimbri
UN_ci_1893	---
UN_ci_6364	tr A9ZT86 A9ZT86_SOLSE Ribosomal protein L11 OS=Solea senegalensis GN
UN_ci_7844	tr B4IZ29 B4IZ29_DROGR GH15714 OS=Drosophila grimshawi GN=GH15714 PE=
UN_ci_2999	tr A9ZT89 A9ZT89_SOLSE Ribosomal protein L13a OS=Solea senegalensis (
UN_ci_7067	tr A7XLX5 A7XLX5_PERFV Ribosomal protein large P0-like protein OS=Per
UN_ci_1000	---
UN_ci_5259	tr A0EZY9 A0EZY9_PSEMX Ribosomal protein S27 (Fragment) OS=Psetta ma
UN_ci_7971	tr C3KIW5 C3KIW5_ANOFI Eukaryotic translation initiation factor 3 sub
UN_ci_395	tr Q9IA75 Q9IA75_PAROL Ribosomal protein L17 OS=Paralichthys olivaceu
UN_ci_8173	tr C3KJ85 C3KJ85_ANOFI 40S ribosomal protein S9 OS=Anoplopoma fimbria
UN_ci_8002	tr D6PVN6 D6PVN6_EPICO 40S ribosomal protein S4 (Fragment) OS=Epineph
UN_ci_7736	tr C1BK85 C1BK85_OSMO ATPase inhibitor, mitochondrial OS=Osmerus mor
UN_ci_641	---
UN_ci_8669	---
UN_ci_2947	tr Q4TAC5 Q4TAC5_TETNG Chromosome undetermined SCAF7389, whole genome
UN_ci_4020	tr A0EZT6 A0EZT6_PSEMX 60S ribosomal protein L27 OS=Psetta maxima PE=
UN_ci_2316	---
UN_ci_4354	tr A9ZT94 A9ZT94_SOLSE Ribosomal protein L18a OS=Solea senegalensis (
UN_ci_716	---
UN_ci_2635	---
UN_ci_7669	tr C3KHW9 C3KHW9_ANOFI 40S ribosomal protein S28 OS=Anoplopoma fimbri
UN_ci_6169	tr Q4SJW7 Q4SJW7_TETNG Chromosome 1 SCAF14573, whole genome shotgun s
UN_ci_8089	sp P69091 RL18_ORENI 60S ribosomal protein L18 OS=Oreochromis niloticu
UN_ci_6292	tr D6PVQ4 D6PVQ4_EPICO 60S ribosomal protein L21 OS=Epinephelus coioides
UN_ci_1046	tr B5X3R3 B5X3R3_SALSA F-actin-capping protein subunit beta OS=Salmo
UN_ci_7913	---
UN_ci_1210	---
UN_ci_673	tr A9ZT90 A9ZT90_SOLSE Ribosomal protein L14 OS=Solea senegalensis GN
UN_ci_4683	---
UN_ci_4380	tr D7PBZ5 D7PBZ5_PSEMX Ferritin OS=Psetta maxima GN=Fer1 PE=2 SV=1

UN_ci_7874	tr Q5DVI0 Q5DVI0_PLAFE	60S ribosomal protein L28 OS=Platichthys flesu
UN_ci_5561	tr Q6Y1Z9 Q6Y1Z9_PAGMA	40S ribosomal protein S24 OS=Pagrus major PE=2
UN_ci_1510	---	
UN_ci_2832	---	
UN_ci_4646	tr A2Q0R6 A2Q0R6_SOLSE	Ribosomal protein S2 OS=Solea senegalensis GN=
UN_ci_8021	tr A2Q0U0 A2Q0U0_SOLSE	Ribosomal protein S25 OS=Solea senegalensis GN=
UN_ci_8003	---	
UN_ci_2644	tr Q7ZU62 Q7ZU62_DANRE	Zgc:66168 protein (Fragment) OS=Danio rerio GN=
UN_ci_3645	tr C3KJ53 C3KJ53_ANOFI	Elongation factor 1-delta OS=Anoplopoma fimbri
UN_ci_3151	tr A9ZTA4 A9ZTA4_SOLSE	Ribosomal protein L26 OS=Solea senegalensis GN=
UN_ci_1383	---	
UN_ci_8499	tr A2Q0S7 A2Q0S7_SOLSE	40S ribosomal protein S12 OS=Solea senegalensi
UN_ci_7235	tr Q4TCC0 Q4TCC0_TETNG	Acylphosphatase (Fragment) OS=Tetraodon nigrov
UN_ci_1908	tr Q4TAQ9 Q4TAQ9_TETNG	Chromosome undetermined SCAF7267, whole genome
UN_ci_4122	tr C1BL06 C1BL06_OSMO	TGF-beta-inducible nuclear protein 1 OS=Osmeru
UN_ci_2980	tr Q7SZX9 Q7SZX9_DANRE	FLJ10613-like OS=Danio rerio GN=gnl31 PE=2 SV=
UN_ci_8763	tr Q4SM43 Q4SM43_TETNG	Chromosome 13 SCAF14555, whole genome shotgun
UN_ci_1711	---	
UN_ci_2483	---	
UN_ci_6411	tr B5XBW1 B5XBW1_SALSA	BCAS2 protein homolog OS=Salmo salar GN=BCAS2
UN_ci_5560	tr C1BIM0 C1BIM0_OSMO	Growth hormone-inducible transmembrane protei
UN_ci_8285	---	
UN_ci_7979	---	
UN_ci_5511	---	
UN_ci_7754	---	
UN_ci_7922	tr Q7T2C6 Q7T2C6_DANRE	RAB7, member RAS oncogene family OS=Danio rerio
UN_ci_8086	---	
UN_ci_5262	tr C3KGT2 C3KGT2_ANOFI	Thioredoxin domain-containing protein 9 OS=Ano
UN_ci_4128	---	
UN_ci_867	---	
UN_ci_4792	tr Q4RH57 Q4RH57_TETNG	Chromosome undetermined SCAF15069, whole genom
UN_ci_3632	---	
UN_ci_6200	tr Q3ZLG0 Q3ZLG0_OREMO	XNop56 (Fragment) OS=Oreochromis mossambicus I
UN_ci_4885	tr C3KK43 C3KK43_ANOFI	Myosin light polypeptide 6 OS=Anoplopoma fimbri
UN_ci_8322	sp Q202I6 TCTP_PSEMX	Translationally-controlled tumor protein homolog
UN_ci_3967	---	
UN_ci_7375	---	
UN_ci_3837	tr A0EZU4 A0EZU4_PSEMX	40S ribosomal protein S11 OS=Psetta maxima PE=
UN_ci_8106	tr C3KI82 C3KI82_ANOFI	Transmembrane protein 50A OS=Anoplopoma fimbri
UN_ci_1122	sp Q1L8Y6 BBP10_DANRE	BBSome-interacting protein of 10 kDa OS=Danio r
UN_ci_644	tr B9USM4 B9USM4_9PERC	2-Cys peroxiredoxin 4 OS=Seriola lalandi GN=PI
UN_ci_8330	tr C3KHU8 C3KHU8_ANOFI	NADH dehydrogenase 1 alpha subcomplex subunit
UN_ci_6070	tr Q4RJL0 Q4RJL0_TETNG	Chromosome 3 SCAF15037, whole genome shotgun s
UN_ci_1594	tr Q4RVD2 Q4RVD2_TETNG	Chromosome 15 SCAF14992, whole genome shotgun
UN_ci_1201	tr COHAQ6 COHAQ6_SALSA	Elongation factor 2 OS=Salmo salar GN=EF2 PE=2
UN_ci_4379	tr A4L7I8 A4L7I8_9SCOM	Glutathione peroxidase OS=Thunnus maccoyii PE=
UN_ci_8769	tr Q4RWC3 Q4RWC3_TETNG	Chromosome 2 SCAF14990, whole genome shotgun s
UN_ci_8108	tr Q4S578 Q4S578_TETNG	Chromosome 6 SCAF14737, whole genome shotgun s
UN_ci_6040	---	
UN_ci_1567	tr Q4SK90 Q4SK90_TETNG	Chromosome 13 SCAF14566, whole genome shotgun

UN_ci_749	---
UN_ci_2189	tr C3KIZ9 C3KIZ9_ANOFI Ribosomal protein L19 OS=Anoplopoma fimbria GN
UN_ci_7392	tr Q4RY82 Q4RY82_TETNG Chromosome 3 SCAF14978, whole genome shotgun s
UN_ci_4626	tr C1BIV9 C1BIV9_OSMMO FAM32A-like OS=Osmerus mordax GN=FA32A PE=4 SV
UN_ci_8164	tr Q5DVH2 Q5DVH2_PLAFE 60S ribosomal protein L9 OS=Platichthys flesus
UN_ci_7851	---
UN_ci_7423	---
UN_ci_8	tr C1BL73 C1BL73_OSMMO Charged multivesicular body protein 3 OS=Osmer
UN_ci_7905	tr Q9IA74 Q9IA74_PAROL 40S ribosomal protein S15A OS=Paralichthys oli
UN_ci_3657	tr Q6DEG5 Q6DEG5_DANRE Polymerase (RNA) II (DNA directed) polypeptide
UN_ci_4072	---
UN_ci_2946	tr C1BMA3 C1BMA3_OSMMO Gamma-aminobutyric acid receptor-associated pr
UN_ci_7108	tr Q4RG23 Q4RG23_TETNG Chromosome 2 SCAF15106, whole genome shotgun s
UN_ci_6452	tr C3KJY4 C3KJY4_ANOFI Coatomer subunit zeta-1 OS=Anoplopoma fimbria
UN_ci_1844	tr C1BG03 C1BG03_ONCMY LYR motif-containing protein 2 OS=Oncorhynchus
UN_ci_7077	tr C0PTZ1 C0PTZ1_SALSA Transmembrane emp24 domain-containing protein
UN_ci_5545	---
UN_ci_8338	tr A7UP40 A7UP40_PSEMX Heat shock protein 90 OS=Psetta maxima GN=HSP9
UN_ci_7904	tr Q5XGA8 Q5XGA8_XENTR Ribosomal protein S16 OS=Xenopus tropicalis GN
UN_ci_5716	---
UN_ci_7785	tr B6YZ85 B6YZ85_THUTO Vasa OS=Thunnus thynnus orientalis PE=2 SV=1
UN_ci_5748	---
UN_ci_2310	sp A8Y5U1 CE051_DANRE UPF0600 protein C5orf51 homolog OS=Danio rerio
UN_ci_8736	tr B5X4J9 B5X4J9_SALSA Ribosomal protein L7-like 1 OS=Salmo salar GN=
UN_ci_8607	tr A0EZU3 A0EZU3_PSEMX 40S ribosomal protein S14 (Fragment) OS=Psetta
UN_ci_8165	tr B9V305 B9V305_EPICO 40S ribosomal protein S19 (Fragment) OS=Epinep
UN_ci_2212	tr Q4RGQ9 Q4RGQ9_TETNG Chromosome 4 SCAF15093, whole genome shotgun s
UN_ci_3860	---
UN_ci_3768	tr A5H1I3 A5H1I3_PAROL Chaperonin containing TCP1 subunit 6A (Fragmer
UN_ci_1441	tr Q4SDY7 Q4SDY7_TETNG Chromosome 13 SCAF14627, whole genome shotgun
UN_ci_1100	---
UN_ci_2297	tr B5DG90 B5DG90_SALSA RAB2A, member RAS oncogene family OS=Salmo sal
UN_ci_1054	tr Q4RJP3 Q4RJP3_TETNG Chromosome 13 SCAF15035, whole genome shotgun
UN_ci_6643	tr Q4SDA6 Q4SDA6_TETNG Chromosome 1 SCAF14640, whole genome shotgun s
UN_ci_6832	tr Q5RKM2 Q5RKM2_DANRE NADH-ubiquinone oxidoreductase 75 kDa subunit
UN_ci_940	tr Q4SI99 Q4SI99_TETNG Chromosome 5 SCAF14581, whole genome shotgun s
UN_ci_8080	tr C3KK25 C3KK25_ANOFI Methyltransferase WBSCR22 OS=Anoplopoma fimbri
GPGRCD02H2XJD_ci	tr C1BHB0 C1BHB0_ONCMY Eukaryotic translation initiation factor 3 sub
UN_ci_7334	---
UN_ci_6019	tr C3KJK1 C3KJK1_ANOFI 39S ribosomal protein L16, mitochondrial OS=Ar
UN_ci_8463	---
UN_ci_3016	tr A2Q0T3 A2Q0T3_SOLSE Ribosomal protein S17 OS=Solea senegalensis GN
UN_ci_362	tr Q6VEJ7 Q6VEJ7_OREMO Receptor for activated protein kinase C OS=Ore
UN_ci_5280	tr A6H913 A6H913_TAKRU TATA box binding protein OS=Takifugu rubripes
UN_ci_1239	---
UN_ci_8725	tr Q6Y249 Q6Y249_PAGMA BTF3a (Fragment) OS=Pagrus major PE=2 SV=1
UN_ci_6939	tr Q5EB36 Q5EB36_XENTR MGC97656 protein OS=Xenopus tropicalis GN=cops
UN_ci_5426	tr C3KIE3 C3KIE3_ANOFI Transcription factor A, mitochondrial OS=Anopl
UN_ci_8350	---
UN_ci_448	sp Q7ZV55 EIF3I_DANRE Eukaryotic translation initiation factor 3 subu

UN_ci_3043	tr Q7ZUZ4 Q7ZUZ4_DANRE	Programmed cell death 5 OS=Danio rerio GN=pdcc
UN_ci_7855	tr A1Y189 A1Y189_PAROL	Voltage-dependent anion channel OS=Paralichthys
UN_ci_2259	tr Q4S5R8 Q4S5R8_TETNG	Chromosome 9 SCAF14729, whole genome shotgun s
GP8I43W03GIU7K_ci	tr C3KH20 C3KH20_ANOFI	NADH dehydrogenase 1 beta subcomplex subunit 6
UN_ci_854	tr Q4SVP1 Q4SVP1_TETNG	Chromosome undetermined SCAF13749, whole genom
UN_ci_7788	tr Q7ZX50 Q7ZX50_XENLA	LOC444845 protein (Fragment) OS=Xenopus laevis
UN_ci_4956	tr C3KI17 C3KI17_ANOFI	Proteasome subunit alpha type OS=Anoplopoma fimbria
UN_ci_3621	tr Q4SQY6 Q4SQY6_TETNG	Chromosome 11 SCAF14528, whole genome shotgun
UN_ci_4425	tr C1BKU7 C1BKU7_OSMO	Cellular nucleic acid-binding protein OS=Osmia
UN_ci_433	tr Q4RP92 Q4RP92_TETNG	Chromosome 1 SCAF15008, whole genome shotgun s
UN_ci_1287	---	---
UN_ci_8334	sp Q2KKX7 CS042_SINCH	UPF0608 protein C19orf42 homolog OS=Siniperca kneri
UN_ci_8275	tr B5DH25 B5DH25_SALSA	26S proteasome non-ATPase regulatory subunit 7
UN_ci_4253	---	---
UN_ci_5589	---	---
UN_ci_1669	tr Q71SZ0 Q71SZ0_9SCOM	Cytochrome c oxidase subunit VIb OS=Scombridae
UN_ci_4248	tr Q4SJP0 Q4SJP0_TETNG	Chromosome 1 SCAF14573, whole genome shotgun s
UN_ci_7397	tr Q4RG99 Q4RG99_TETNG	Chromosome 12 SCAF15104, whole genome shotgun
UN_ci_3196	tr B5X4Q0 B5X4Q0_SALSA	Tumor suppressor candidate 4 OS=Salmo salar GN
UN_ci_855	tr Q4SCH5 Q4SCH5_TETNG	Chromosome undetermined SCAF14653, whole genom
UN_ci_5631	tr Q32PU7 Q32PU7_DANRE	Zgc:123194 OS=Danio rerio GN=zgc:123194 PE=2 S
UN_ci_7798	---	---
UN_ci_122	tr Q803B9 Q803B9_DANRE	DCP2 decapping enzyme homolog (S. cerevisiae)
UN_ci_1564	---	---
UN_ci_8068	tr B3DLM7 B3DLM7_XENTR	LOC100170503 protein (Fragment) OS=Xenopus troglodytes
UN_ci_4024	tr C3KJD7 C3KJD7_ANOFI	FAM92A1 OS=Anoplopoma fimbria GN=F92A1 PE=2 SV
UN_ci_8794	tr B5X1I8 B5X1I8_SALSA	Dolichyl-diphosphooligosaccharide--protein gly
UN_ci_8092	tr C3KJM2 C3KJM2_ANOFI	DNA-directed RNA polymerases I, II, and III su
UN_ci_6179	---	---
UN_ci_7875	tr B5X449 B5X449_SALSA	Proteasome assembly chaperone 1 OS=Salmo salar
UN_ci_7329	tr Q4RUH3 Q4RUH3_TETNG	Chromosome 1 SCAF14995, whole genome shotgun s
UN_ci_3605	tr C3KJB4 C3KJB4_ANOFI	Leydig cell tumor 10 kDa protein homolog OS=Ar
UN_ci_5578	tr Q4S3L1 Q4S3L1_TETNG	Chromosome 1 SCAF14749, whole genome shotgun s
UN_ci_7542	tr B5X193 B5X193_SALSA	Proliferation-associated protein 2G4 OS=Salmo
UN_ci_6513	tr C3KHF2 C3KHF2_ANOFI	Ubiquitin-like protein 4A OS=Anoplopoma fimbria
UN_ci_7588	tr D3TJL7 D3TJL7_EPICO	Glutathione S-transferase OS=Epinephelus coioides
UN_ci_2516	tr C3KI11 C3KI11_ANOFI	NADH dehydrogenase 1 alpha subcomplex subunit
UN_ci_71	tr Q6PBS0 Q6PBS0_DANRE	Required for meiotic nuclear division 5 homolog
UN_ci_1520	sp Q803V3 P2R3C_DANRE	Serine/threonine-protein phosphatase 2A regulat
UN_ci_8067	---	---
UN_ci_3597	tr D1KY93 D1KY93_9CICH	Oncogene DJ-1 OS=Maylandia sp. 'Kompakt Mbamba
UN_ci_1590	tr C3KIS7 C3KIS7_ANOFI	Mitochondrial fission 1 protein OS=Anoplopoma
UN_ci_8665	---	---
UN_ci_4091	tr Q4RHZ9 Q4RHZ9_TETNG	Chromosome 8 SCAF15044, whole genome shotgun s
UN_ci_6652	---	---
UN_ci_4584	tr Q6DBQ6 Q6DBQ6_DANRE	Zgc:92043 OS=Danio rerio GN=caprinla PE=1 SV=1
UN_ci_8259	---	---
UN_ci_4919	tr Q6PFS4 Q6PFS4_DANRE	Inner membrane protein, mitochondrial (Mitofilin)
UN_ci_8272	tr B5DG05 B5DG05_SALSA	Serine/threonine-protein phosphatase OS=Salmo
UN_ci_5775	tr Q9W6E6 Q9W6E6_9TELE	Glutamine synthetase OS=Opsanus beta GN=GSase

UN_ci_6531 tr|C3KK02|C3KK02_ANOFI UPF0414 transmembrane protein C20orf30 homolog
 UN_ci_5646 ---
 UN_ci_8157 tr|COHBN2|COHBN2_SALSA Pre-mRNA-processing factor 19 OS=Salmo salar (C
 UN_ci_5261 tr|C1BKP9|C1BKP9_OSMMO 60S ribosomal protein L8 OS=Osmerus mordax GN=
 UN_ci_3141 tr|Q4SLY5|Q4SLY5_TETNG Chromosome 13 SCAF14555, whole genome shotgun
 UN_ci_1397 tr|Q4SIZ7|Q4SIZ7_TETNG Chromosome 21 SCAF14577, whole genome shotgun
 UN_ci_5872 tr|AOEZW3|AOEZW3_PSEMX Receptor for activated protein kinase C (Fragm
 UN_ci_8187 ---
 UN_ci_6636 tr|AOEZY0|AOEZY0_PSEMX Adenine phosphoribosyl transferase (Fragment)
 UN_ci_4669 tr|Q8AYL1|Q8AYL1_ORYLA ZPC2 (Fragment) OS=Oryzias latipes PE=4 SV=1
 UN_ci_8614 ---
 UN_ci_2565 tr|Q4SBZ6|Q4SBZ6_TETNG Chromosome 14 SCAF14660, whole genome shotgun
 UN_ci_8541 tr|C1BKN5|C1BKN5_OSMMO B-cell receptor-associated protein 29 OS=Osmer
 UN_ci_7616 sp|Q803M5|SAAL1_DANRE Protein saal1 OS=Danio rerio GN=saal1 PE=2 SV=2
 UN_ci_10 tr|Q4S6V3|Q4S6V3_TETNG T-complex protein 1 subunit alpha (Fragment) (C
 UN_ci_7163 ---
 UN_ci_7697 tr|Q6TEL5|Q6TEL5_DANRE Cullin 3 OS=Danio rerio GN=cul3a PE=2 SV=1
 UN_ci_369 ---
 UN_ci_7472 tr|Q4S358|Q4S358_TETNG Chromosome 4 SCAF14752, whole genome shotgun s
 UN_ci_294 tr|Q1PS66|Q1PS66_LATCA Deleted in azoospermia-like protein OS=Lates c
 UN_ci_307 tr|Q4VBR8|Q4VBR8_DANRE Proteasome subunit alpha type OS=Danio rerio (C
 UN_ci_1057 tr|C1J0J0|C1J0J0_GILSE ATP synthase subunit beta (Fragment) OS=Gillio
 UN_ci_4771 ---
 UN_ci_2333 sp|Q2YDS5|SCNM1_DANRE Sodium channel modifier 1 OS=Danio rerio GN=scr
 UN_ci_8319 tr|A5D6V4|A5D6V4_DANRE Zgc:163141 protein OS=Danio rerio GN=zgc:16314
 UN_ci_1425 tr|C1BM02|C1BM02_OSMMO 60S ribosomal protein L5 OS=Osmerus mordax GN=
 UN_ci_6171 ---
 UN_ci_8006 tr|Q08AY4|Q08AY4_XENLA LOC100158386 protein OS=Xenopus laevis GN=sfrs
 UN_ci_4751 sp|Q7ZWW7|TS31B_XENLA Tetraspanin-31-B OS=Xenopus laevis GN=tspan31-b
 UN_ci_4081 tr|C3KK45|C3KK45_ANOFI Ribosome maturation protein SBDS OS=Anoplopom
 UN_ci_2854 ---
 UN_ci_8050 tr|Q6DHE6|Q6DHE6_DANRE Lysyl-tRNA synthetase OS=Danio rerio GN=kars I
 UN_ci_7283 tr|C1BW85|C1BW85_ESOLU Lin-37 homolog OS=Esox lucius GN=LIN37 PE=2 SV
 UN_ci_5829 tr|Q4RS99|Q4RS99_TETNG Chromosome 13 SCAF15000, whole genome shotgun
 UN_ci_3585 tr|Q4RSW9|Q4RSW9_TETNG Chromosome 12 SCAF14999, whole genome shotgun
 UN_ci_48 ---
 UN_ci_5546 tr|Q67EQ7|Q67EQ7_ORYLA Zinc finger protein 183 OS=Oryzias latipes PE=
 UN_ci_2932 tr|C3KHM3|C3KHM3_ANOFI 39S ribosomal protein L30, mitochondrial OS=Ar
 UN_ci_4260 tr|B5X6W2|B5X6W2_SALSA Cystatin-B OS=Salmo salar GN=CYTB PE=4 SV=1
 UN_ci_7837 tr|A3QJW5|A3QJW5_DANRE CTP synthase OS=Danio rerio GN=ctps PE=3 SV=1
 UN_ci_2560 tr|Q6DC52|Q6DC52_DANRE Zgc:101107 OS=Danio rerio GN=zgc:101107 PE=2 S
 UN_ci_4738 tr|COH961|COH961_SALSA Vacuolar protein sorting-associated protein 35
 UN_ci_1047 tr|B5X958|B5X958_SALSA Osteoclast-stimulating factor 1 OS=Salmo salar
 UN_ci_1717 sp|Q7T2A5|EIF3L_DANRE Eukaryotic translation initiation factor 3 subu
 UN_ci_7040 tr|C3KH72|C3KH72_ANOFI Probable tRNAHis guanylyltransferase OS=Anoplo
 UN_ci_4105 tr|Q4TC18|Q4TC18_TETNG Chromosome 21 SCAF7061, whole genome shotgun s
 UN_ci_7527 ---
 UN_ci_7571 ---
 UN_ci_4926 tr|Q4RU94|Q4RU94_TETNG Chromosome 1 SCAF14995, whole genome shotgun s

3N=RL36A PE=3 SV=1
ria GN=RL37A PE=4 SV=1
orhynchus mykiss PE=4 SV=1
sequence OS=Tetraodon nigroviridis GN=GSTENG00022568001 PE=4 SV=1
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rca flavescens PE=2 SV=1

xima PE=2 SV=1
unit E OS=Anoplopoma fimbria GN=EIF3E PE=2 SV=1
us PE=2 SV=1
a GN=RS9 PE=2 SV=1
nelus coioides PE=2 SV=1
rdax GN=ATIF1 PE=4 SV=1

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cus GN=rpl18 PE=2 SV=2
ides PE=2 SV=1
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1s GN=rp128 PE=2 SV=1
2 SV=1

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e shotgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004090001 PE=4 SV=1
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sequence OS=Tetraodon nigroviridis GN=GSTENG00015941001 PE=4 SV=1

PE=2 SV=1
1 OS=Osmerus mordax GN=GHITM PE=2 SV=1

io GN=rab7 PE=2 SV=1

oplopoma fimbria GN=TXND9 PE=2 SV=1

ne shotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00034503001 PE=3 SV=1

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3 OS=Psetta maxima GN=tpt1 PE=2 SV=1

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9, mitochondrial OS=Anoplopoma fimbria GN=NDUA9 PE=2 SV=1
sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00033388001 PE=3 SV=1
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 s GN=rp19 PE=2 SV=1

rus mordax GN=CHMP3 PE=2 SV=1
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rotein-like 1 OS=Osmerus mordax GN=GRL1 PE=3 SV=1
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lar GN=rab2a PE=2 SV=1
 sequence OS=Tetraodon nigroviridis GN=GSTENG00033341001 PE=4 SV=1
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 ia GN=WBS22 PE=2 SV=1
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oplopoma fimbria GN=RM16 PE=2 SV=1

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 eochromis mossambicus PE=2 SV=1
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s2 PE=2 SV=1
 lopoma fimbria GN=TFAM PE=2 SV=1

unit I OS=Danio rerio GN=eif3i PE=2 SV=1

15 PE=2 SV=1
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 3 OS=Anoplopoma fimbria GN=NDUB6 PE=2 SV=1
 ne shotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00011891001 PE=4 SV=1
 3 GN=LOC444845 PE=2 SV=1
 imbria GN=PSA3 PE=2 SV=1
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 r GN=PSMG1 PE=2 SV=1
 sequence OS=Tetraodon nigroviridis GN=GSTENG00028795001 PE=4 SV=1
 oplopoma fimbria GN=L10K PE=4 SV=1
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 salar GN=PA2G4 PE=2 SV=1
 ia GN=UBL4A PE=2 SV=1
 ides PE=2 SV=1
 1 OS=Anoplopoma fimbria GN=NDUA1 PE=4 SV=1
 og B (S. cerevisiae) OS=Danio rerio GN=rmnd5b PE=2 SV=1
 tory subunit B'' subunit gamma OS=Danio rerio GN=ppp2r3c PE=2 SV=1

 a Bay' GN=Dj1 PE=2 SV=1
 fimbria GN=FIS1 PE=2 SV=1

 sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00034101001 PE=4 SV=1

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 lin) OS=Danio rerio GN=immt PE=2 SV=1
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ment) OS=Psetta maxima PE=2 SV=1

OS=Psetta maxima PE=2 SV=1

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rus mordax GN=BAP29 PE=2 SV=1

2

OS=Tetraodon nigroviridis GN=GSTENG00023111001 PE=3 SV=1

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3N=psma2 PE=2 SV=1

chthys seta PE=2 SV=1

nm1 PE=2 SV=1

41 PE=2 SV=1

=RL5 PE=2 SV=1

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a fimbria GN=SBDS PE=2 SV=1

PE=2 SV=1

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anoplopoma fimbria GN=RM30 PE=2 SV=1

SV=1

3A OS=Salmo salar GN=VP33A PE=2 SV=1

r GN=OSTF1 PE=2 SV=1

unit L OS=Danio rerio GN=eif31 PE=2 SV=1

opoma fimbria GN=THG1 PE=2 SV=1

sequence OS=Tetraodon nigroviridis GN=GSTENG00003506001 PE=4 SV=1

sequence OS=Tetraodon nigroviridis GN=GSTENG00028899001 PE=4 SV=1

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Unigene_UN_xiong_11196	273	19628	0	UN_xiong_11196
Unigene_UN_xiong_7164	203	10946	0	UN_xiong_7164
Unigene_UN_xiong_1987	283	5118	0	UN_xiong_1987
Unigene_UN_xiong_5287	108	5966	0	UN_xiong_5287
Unigene_UN_xiong_11113	218	7116	0	UN_xiong_11113
Unigene_UN_xiong_4091	1332	68944	0	UN_xiong_4091
Unigene_UN_xiong_14868	155	3621	0	UN_xiong_14868
Unigene_UN_xiong_14272	233	4341	0	UN_xiong_14272
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Unigene_UN_xiong_11680	139	5026	0	UN_xiong_11680
Unigene_UN_xiong_12139	244	4019	0	UN_xiong_12139
Unigene_UN_xiong_5130	202	10038	0	UN_xiong_5130
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Unigene_UN_xiong_13925	1128	12535	0	UN_xiong_13925
Unigene_UN_xiong_9552	233	3108	0	UN_xiong_9552
Unigene_UN_xiong_14377	1386	46636	0	UN_xiong_14377
Unigene_UN_xiong_15032	466	4948	0	UN_xiong_15032
Unigene_UN_xiong_14718	246	12389	0	UN_xiong_14718
Unigene_UN_xiong_8517	687	4441	9.73E-299	UN_xiong_8517
Unigene_UN_xiong_4795	253	2864	1.80E-294	UN_xiong_4795
Unigene_UN_xiong_15664	209	2414	2.01E-251	UN_xiong_15664
Unigene_UN_xiong_2880	590	3689	2.82E-240	UN_xiong_2880
Unigene_UN_xiong_14677	496	3268	1.16E-224	UN_xiong_14677
Unigene_UN_xiong_4430	143	1933	2.36E-218	UN_xiong_4430
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Unigene_UN_xiong_3128	320	2409	1.97E-187	UN_xiong_3128
Unigene_UN_xiong_335	839	3951	2.17E-181	UN_xiong_335
Unigene_UN_xiong_5549	262	2153	6.11E-180	UN_xiong_5549
Unigene_UN_xiong_10799	155	1701	9.17E-173	UN_xiong_10799
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Unigene_UN_xiong_4712	632	2997	1.33E-139	UN_xiong_4712
Unigene_UN_xiong_3787	195	1564	8.66E-129	UN_xiong_3787
Unigene_UN_xiong_122	661	2915	1.22E-121	UN_xiong_122
Unigene_UN_xiong_13451	119	1203	6.88E-117	UN_xiong_13451
Unigene_UN_xiong_8419	240	1634	6.92E-117	UN_xiong_8419
Unigene_UN_xiong_15660	553	2562	1.51E-115	UN_xiong_15660
Unigene_UN_xiong_6273	299	1811	3.33E-115	UN_xiong_6273
Unigene_UN_xiong_14414	2462	7151	2.43E-112	UN_xiong_14414
Unigene_UN_xiong_2958	266	1616	2.69E-103	UN_xiong_2958
Unigene_UN_xiong_14270	220	1442	8.25E-100	UN_xiong_14270
Unigene_UN_xiong_15687	309	1692	3.04E-96	UN_xiong_15687
Unigene_UN_xiong_3634	293	1630	1.88E-94	UN_xiong_3634
Unigene_UN_xiong_1060	279	1544	5.09E-89	UN_xiong_1060
Unigene_UN_xiong_14618	1356	4284	4.92E-88	UN_xiong_14618
Unigene_UN_xiong_15785	542	2215	9.73E-82	UN_xiong_15785

Unigene_UN_xiong_8790	149	1048	7.50E-78 UN_xiong_8790
Unigene_UN_xiong_12115	243	1345	9.99E-78 UN_xiong_12115
Unigene_UN_xiong_2248	463	1949	5.62E-76 UN_xiong_2248
Unigene_UN_xiong_4643	279	1417	1.44E-73 UN_xiong_4643
Unigene_UN_xiong_7498	248	1303	1.01E-70 UN_xiong_7498
Unigene_UN_xiong_13515	619	2300	1.14E-70 UN_xiong_13515
Unigene_UN_xiong_3105	984	3163	1.21E-68 UN_xiong_3105
Unigene_UN_xiong_5545	451	1844	2.44E-68 UN_xiong_5545
Unigene_UN_xiong_7707	338	1511	2.40E-65 UN_xiong_7707
Unigene_UN_xiong_2218	213	1139	1.55E-63 UN_xiong_2218
Unigene_UN_xiong_1570	777	2591	3.77E-62 UN_xiong_1570
Unigene_UN_xiong_1588	397	1639	5.61E-62 UN_xiong_1588
Unigene_UN_xiong_5453	122	841	1.03E-61 UN_xiong_5453
Unigene_UN_xiong_14347	5749	12920	6.20E-58 UN_xiong_14347
Unigene_UN_xiong_4932	681	2295	9.76E-57 UN_xiong_4932
Unigene_UN_xiong_5737	336	1417	7.28E-56 UN_xiong_5737
Unigene_UN_xiong_11251	198	1028	1.84E-55 UN_xiong_11251
Unigene_UN_xiong_15308	342	1419	2.20E-54 UN_xiong_15308
Unigene_UN_xiong_14307	839	2621	6.78E-53 UN_xiong_14307
Unigene_UN_xiong_4359	1567	1585	3.70E-52 UN_xiong_4359
Unigene_UN_xiong_14308	2896	3434	7.06E-52 UN_xiong_14308
Unigene_UN_xiong_12070	204	996	1.52E-49 UN_xiong_12070
Unigene_UN_xiong_9359	433	1569	2.72E-46 UN_xiong_9359
Unigene_UN_xiong_307	238	1059	6.11E-46 UN_xiong_307
Unigene_UN_xiong_15554	1435	1495	1.50E-43 UN_xiong_15554
Unigene_UN_xiong_14840	162	823	1.93E-43 UN_xiong_14840
Unigene_UN_xiong_14658	392	1433	3.20E-43 UN_xiong_14658
Unigene_UN_xiong_15533	152	792	3.26E-43 UN_xiong_15533
Unigene_UN_xiong_9570	1245	1254	2.57E-42 UN_xiong_9570
Unigene_UN_xiong_4039	192	886	6.19E-41 UN_xiong_4039
Unigene_UN_xiong_2199	165	807	1.72E-40 UN_xiong_2199
Unigene_UN_xiong_4453	166	808	2.22E-40 UN_xiong_4453
Unigene_UN_xiong_15219	1857	2117	3.37E-40 UN_xiong_15219
Unigene_UN_xiong_1428	226	954	2.98E-38 UN_xiong_1428
Unigene_UN_xiong_7852	234	950	1.12E-35 UN_xiong_7852
Unigene_UN_xiong_14795	585	1784	3.74E-34 UN_xiong_14795
Unigene_UN_xiong_3203	1131	1187	6.41E-34 UN_xiong_3203
Unigene_UN_xiong_3600	176	778	8.87E-34 UN_xiong_3600
Unigene_UN_xiong_14835	328	1170	8.94E-34 UN_xiong_14835
Unigene_UN_xiong_3265	318	1130	2.12E-32 UN_xiong_3265
Unigene_UN_xiong_14710	283	1040	3.86E-32 UN_xiong_14710
Unigene_UN_xiong_14441	325	1144	4.32E-32 UN_xiong_14441
Unigene_UN_xiong_15587	554	1672	3.53E-31 UN_xiong_15587
Unigene_UN_xiong_5589	164	682	4.31E-27 UN_xiong_5589
Unigene_UN_xiong_1812	529	1527	5.65E-25 UN_xiong_1812
Unigene_UN_xiong_14805	716	725	1.15E-24 UN_xiong_14805
Unigene_UN_xiong_14932	1037	1185	5.33E-23 UN_xiong_14932
Unigene_UN_xiong_14593	686	707	1.83E-22 UN_xiong_14593
Unigene_UN_xiong_8117	315	1002	2.63E-22 UN_xiong_8117
Unigene_UN_xiong_14444	1570	3640	1.68E-21 UN_xiong_14444

Unigene_UN_xiong_14995	338	1040	3.95E-21 UN_xiong_14995
Unigene_UN_xiong_14907	2105	2812	3.98E-20 UN_xiong_14907
Unigene_UN_xiong_2251	299	933	7.78E-20 UN_xiong_2251
Unigene_UN_xiong_13033	748	822	1.22E-19 UN_xiong_13033
Unigene_UN_xiong_13924	865	988	1.89E-19 UN_xiong_13924
Unigene_UN_xiong_14283	178	640	1.89E-19 UN_xiong_14283
Unigene_UN_xiong_1931	588	606	1.90E-19 UN_xiong_1931
Unigene_UN_xiong_2209	518	525	2.99E-18 UN_xiong_2209
Unigene_UN_xiong_1494	1096	1338	3.71E-18 UN_xiong_1494
Unigene_UN_xiong_14885	855	992	4.42E-18 UN_xiong_14885
Unigene_UN_xiong_4084	319	955	4.54E-18 UN_xiong_4084
Unigene_UN_xiong_15557	512	519	4.57E-18 UN_xiong_15557
Unigene_UN_xiong_983	232	748	1.20E-17 UN_xiong_983
Unigene_UN_xiong_3521	859	2102	2.09E-17 UN_xiong_3521
Unigene_UN_xiong_9694	89	389	2.32E-17 UN_xiong_9694
Unigene_UN_xiong_8569	1036	2445	1.36E-16 UN_xiong_8569
Unigene_UN_xiong_2099	665	751	5.53E-16 UN_xiong_2099
Unigene_UN_xiong_4533	470	1243	3.74E-15 UN_xiong_4533
Unigene_UN_xiong_1942	282	826	7.29E-15 UN_xiong_1942
Unigene_UN_xiong_14251	865	1054	8.57E-15 UN_xiong_14251
Unigene_UN_xiong_13480	5608	8578	2.75E-14 UN_xiong_13480
Unigene_UN_xiong_14486	560	629	6.03E-14 UN_xiong_14486
Unigene_UN_xiong_12764	197	620	6.38E-14 UN_xiong_12764
Unigene_UN_xiong_14409	766	929	1.43E-13 UN_xiong_14409
Unigene_UN_xiong_7832	158	522	2.05E-13 UN_xiong_7832
Unigene_UN_xiong_10741	202	614	1.28E-12 UN_xiong_10741
Unigene_UN_xiong_14968	323	323	1.99E-12 UN_xiong_14968
Unigene_UN_xiong_8120	169	535	2.29E-12 UN_xiong_8120
Unigene_UN_xiong_14784	551	642	5.75E-12 UN_xiong_14784
Unigene_UN_xiong_14325	537	627	1.17E-11 UN_xiong_14325
Unigene_UN_xiong_11308	370	969	1.18E-11 UN_xiong_11308
Unigene_UN_xiong_2360	412	452	1.49E-11 UN_xiong_2360
Unigene_UN_xiong_14260	124	417	1.99E-11 UN_xiong_14260
Unigene_UN_xiong_6441	176	536	2.82E-11 UN_xiong_6441
Unigene_UN_xiong_14258	682	844	3.69E-11 UN_xiong_14258
Unigene_UN_xiong_9761	781	990	3.82E-11 UN_xiong_9761
Unigene_UN_xiong_3864	288	293	1.04E-10 UN_xiong_3864
Unigene_UN_xiong_4247	156	481	1.39E-10 UN_xiong_4247
Unigene_UN_xiong_14780	354	384	1.75E-10 UN_xiong_14780
Unigene_UN_xiong_14608	533	638	1.93E-10 UN_xiong_14608
Unigene_UN_xiong_8140	441	507	2.35E-10 UN_xiong_8140
Unigene_UN_xiong_6452	449	519	2.36E-10 UN_xiong_6452
Unigene_UN_xiong_13318	232	648	2.45E-10 UN_xiong_13318
Unigene_UN_xiong_4599	198	571	3.26E-10 UN_xiong_4599
Unigene_UN_xiong_11376	286	297	4.71E-10 UN_xiong_11376
Unigene_UN_xiong_14736	501	1210	4.97E-10 UN_xiong_14736
Unigene_UN_xiong_11967	671	856	1.70E-09 UN_xiong_11967
Unigene_UN_xiong_15503	1081	2346	2.26E-09 UN_xiong_15503
Unigene_UN_xiong_15191	510	623	3.34E-09 UN_xiong_15191
Unigene_UN_xiong_14002	259	271	4.89E-09 UN_xiong_14002

Unigene_UN_xiong_13661	147	437	7.14E-09 UN_xiong_13661
Unigene_UN_xiong_3420	490	599	7.48E-09 UN_xiong_3420
Unigene_UN_xiong_1167	331	373	9.43E-09 UN_xiong_1167
Unigene_UN_xiong_4244	236	245	1.87E-08 UN_xiong_4244
Unigene_UN_xiong_14687	385	454	1.98E-08 UN_xiong_14687
Unigene_UN_xiong_10360	220	592	2.15E-08 UN_xiong_10360
Unigene_UN_xiong_2788	248	262	2.17E-08 UN_xiong_2788
Unigene_UN_xiong_15787	559	1291	2.23E-08 UN_xiong_15787
Unigene_UN_xiong_9146	226	234	2.80E-08 UN_xiong_9146
Unigene_UN_xiong_3902	147	428	3.25E-08 UN_xiong_3902
Unigene_UN_xiong_13970	379	452	5.87E-08 UN_xiong_13970
Unigene_UN_xiong_9643	266	681	6.08E-08 UN_xiong_9643
Unigene_UN_xiong_14326	950	1315	6.56E-08 UN_xiong_14326
Unigene_UN_xiong_13845	417	508	7.45E-08 UN_xiong_13845
Unigene_UN_xiong_12519	187	187	8.77E-08 UN_xiong_12519
Unigene_UN_xiong_7476	194	525	9.89E-08 UN_xiong_7476
Unigene_UN_xiong_1596	289	328	1.22E-07 UN_xiong_1596
Unigene_UN_xiong_8683	244	268	2.38E-07 UN_xiong_8683
Unigene_UN_xiong_14548	199	208	2.96E-07 UN_xiong_14548
Unigene_UN_xiong_1247	898	1921	4.21E-07 UN_xiong_1247
Unigene_UN_xiong_14663	260	648	7.71E-07 UN_xiong_14663
Unigene_UN_xiong_29	251	629	8.78E-07 UN_xiong_29
Unigene_UN_xiong_4038	344	818	1.03E-06 UN_xiong_4038
Unigene_UN_xiong_14374	198	516	1.08E-06 UN_xiong_14374
Unigene_UN_xiong_11502	179	187	1.18E-06 UN_xiong_11502
Unigene_UN_xiong_14681	209	229	1.34E-06 UN_xiong_14681
Unigene_UN_xiong_7586	212	543	1.46E-06 UN_xiong_7586
Unigene_UN_xiong_273	248	284	1.64E-06 UN_xiong_273
Unigene_UN_xiong_14856	207	228	2.01E-06 UN_xiong_14856
Unigene_UN_xiong_1364	713	983	2.02E-06 UN_xiong_1364
Unigene_UN_xiong_14906	169	177	2.43E-06 UN_xiong_14906
Unigene_UN_xiong_553	121	343	2.62E-06 UN_xiong_553
Unigene_UN_xiong_15519	193	210	2.86E-06 UN_xiong_15519
Unigene_UN_xiong_5132	260	305	3.33E-06 UN_xiong_5132
Unigene_UN_xiong_4081	176	458	4.36E-06 UN_xiong_4081
Unigene_UN_xiong_4172	420	955	5.41E-06 UN_xiong_4172
Unigene_UN_xiong_7949	149	399	5.55E-06 UN_xiong_7949
Unigene_UN_xiong_2313	222	254	5.59E-06 UN_xiong_2313
Unigene_UN_xiong_6173	210	237	5.63E-06 UN_xiong_6173
Unigene_UN_xiong_1756	303	371	5.78E-06 UN_xiong_1756
Unigene_UN_xiong_2622	351	442	6.40E-06 UN_xiong_2622
Unigene_UN_xiong_4067	143	147	7.62E-06 UN_xiong_4067
Unigene_UN_xiong_8071	255	618	7.62E-06 UN_xiong_8071
Unigene_UN_xiong_139	292	357	8.27E-06 UN_xiong_139
Unigene_UN_xiong_10103	296	364	9.85E-06 UN_xiong_10103
Unigene_UN_xiong_12679	420	946	1.12E-05 UN_xiong_12679
Unigene_UN_xiong_14846	121	332	1.30E-05 UN_xiong_14846
Unigene_UN_xiong_4693	66	209	1.37E-05 UN_xiong_4693
Unigene_UN_xiong_1005	156	404	1.96E-05 UN_xiong_1005
Unigene_UN_xiong_3935	264	322	2.03E-05 UN_xiong_3935

Unigene_UN_xiong_2996	274	337	2.08E-05 UN_xiong_2996
Unigene_UN_xiong_10941	405	533	2.16E-05 UN_xiong_10941
Unigene_UN_xiong_15055	120	324	3.24E-05 UN_xiong_15055
Unigene_UN_xiong_1512	278	349	4.63E-05 UN_xiong_1512
Unigene_UN_xiong_14208	1351	2697	5.68E-05 UN_xiong_14208
Unigene_UN_xiong_14470	380	846	6.85E-05 UN_xiong_14470
Unigene_UN_xiong_8647	122	322	7.61E-05 UN_xiong_8647
Unigene_UN_xiong_4291	340	445	8.19E-05 UN_xiong_4291
Unigene_UN_xiong_9232	192	465	0.000113842 UN_xiong_9232
Unigene_UN_xiong_14791	606	1279	0.000113925 UN_xiong_14791
Unigene_UN_xiong_14619	2290	4415	0.000115013 UN_xiong_14619
Unigene_UN_xiong_11417	110	114	0.000123248 UN_xiong_11417
Unigene_UN_xiong_14042	202	482	0.000156752 UN_xiong_14042
Unigene_UN_xiong_5707	142	358	0.000162563 UN_xiong_5707
Unigene_UN_xiong_5437	205	486	0.000198153 UN_xiong_5437
Unigene_UN_xiong_14685	287	375	0.000271018 UN_xiong_14685
Unigene_UN_xiong_8684	260	336	0.000340404 UN_xiong_8684
Unigene_UN_xiong_15755	962	1446	0.000367605 UN_xiong_15755
Unigene_UN_xiong_13712	138	343	0.000371784 UN_xiong_13712
Unigene_UN_xiong_15511	719	1473	0.000410546 UN_xiong_15511
Unigene_UN_xiong_14848	493	1041	0.000455935 UN_xiong_14848
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Unigene_UN_xiong_14737	367	504	0.000549823 UN_xiong_14737
Unigene_UN_xiong_1392	352	766	0.000555159 UN_xiong_1392
Unigene_UN_xiong_55	236	313	0.001615934 UN_xiong_55
Unigene_UN_xiong_11332	269	366	0.002245386 UN_xiong_11332
Unigene_UN_xiong_14228	673	1356	0.002301629 UN_xiong_14228
Unigene_UN_xiong_6419	251	339	0.002354303 UN_xiong_6419
Unigene_UN_xiong_7955	98	113	0.003254974 UN_xiong_7955
Unigene_UN_xiong_4182	127	301	0.003544136 UN_xiong_4182
Unigene_UN_xiong_11475	226	496	0.004181513 UN_xiong_11475
Unigene_UN_xiong_12390	637	1276	0.004651094 UN_xiong_12390
Unigene_UN_xiong_6263	105	125	0.004844714 UN_xiong_6263
Unigene_UN_xiong_4289	280	392	0.004998584 UN_xiong_4289
Unigene_UN_xiong_1206	158	204	0.005264702 UN_xiong_1206
Unigene_UN_xiong_1241	255	549	0.005331294 UN_xiong_1241
Unigene_UN_xiong_14951	96	234	0.005945418 UN_xiong_14951
Unigene_UN_xiong_11755	277	589	0.006520803 UN_xiong_11755
Unigene_UN_xiong_14454	289	410	0.007478477 UN_xiong_14454
Unigene_UN_xiong_5406	131	301	0.008042897 UN_xiong_5406
Unigene_UN_xiong_2475	219	301	0.008141499 UN_xiong_2475
Unigene_UN_xiong_3161	187	255	0.011613861 UN_xiong_3161
Unigene_UN_xiong_13344	188	257	0.011913152 UN_xiong_13344
Unigene_UN_xiong_3504	150	199	0.012219281 UN_xiong_3504
Unigene_UN_xiong_2521	326	474	0.012405025 UN_xiong_2521
Unigene_UN_xiong_13725	137	181	0.014376075 UN_xiong_13725
Unigene_UN_xiong_14964	256	537	0.016371574 UN_xiong_14964
Unigene_UN_xiong_12227	123	278	0.016921315 UN_xiong_12227
Unigene_UN_xiong_15334	419	629	0.017471221 UN_xiong_15334

Unigene_UN_xiong_5387	361	536	0.018248326 UN_xiong_5387
Unigene_UN_xiong_14520	779	1509	0.018838957 UN_xiong_14520
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Unigene_UN_xiong_4619	239	502	0.019779951 UN_xiong_4619
Unigene_UN_xiong_4204	247	515	0.021615442 UN_xiong_4204
Unigene_UN_xiong_5161	205	289	0.021844835 UN_xiong_5161
Unigene_UN_xiong_2186	418	838	0.022087708 UN_xiong_2186
Unigene_UN_xiong_12936	168	233	0.025519663 UN_xiong_12936
Unigene_UN_xiong_14512	964	1537	0.028951514 UN_xiong_14512
Unigene_UN_xiong_15667	200	285	0.029863689 UN_xiong_15667
Unigene_UN_xiong_14590	529	820	0.033762136 UN_xiong_14590
Unigene_UN_xiong_7151	194	406	0.037636371 UN_xiong_7151
Unigene_UN_xiong_10090	247	506	0.040760726 UN_xiong_10090
Unigene_UN_xiong_7386	179	375	0.046839504 UN_xiong_7386

Draft

ci_unigene	Swiss-Prot_annotation
UN_ci_8324	tr Q4RBH1 Q4RBH1_TETNG Chromosome undetermined SCAF21483, whole genome s
UN_ci_8251	tr C3KGV9 C3KGV9_ANOFI Transcription elongation factor B polypeptide 1 0
UN_ci_4204	tr C3KJL5 C3KJL5_ANOFI Securin OS=Anoplopoma fimbria GN=PTTG1 PE=2 SV=1
UN_ci_8103	tr C3KIM6 C3KIM6_ANOFI Dynein light chain 2, cytoplasmic OS=Anoplopoma f
UN_ci_8019	tr C3KH05 C3KH05_ANOFI BUD31 homolog OS=Anoplopoma fimbria GN=BUD31 PE=2
UN_ci_8098	tr Q709D5 Q709D5_ORYLA Geminin OS=Oryzias latipes PE=2 SV=1
UN_ci_7696	tr B7X8Y8 B7X8Y8_PAGMA Elongation factor 1-alpha OS=Pagrus major GN=42Sp
UN_ci_6537	tr Q3ZLG2 Q3ZLG2_OREMO Quinone reductase (Fragment) OS=Oreochromis mossa
UN_ci_6910	tr C1BIA8 C1BIA8_ONCMY Transcription initiation factor TFIID subunit 10
UN_ci_3721	tr C3KIM5 C3KIM5_ANOFI Epididymal secretory protein E1 OS=Anoplopoma fim
UN_ci_7339	tr D6PVQ6 D6PVQ6_EPICO Mitochondrial ATP synthase lipid-binding protein
UN_ci_8477	---
UN_ci_7894	tr Q4RT32 Q4RT32_TETNG Chromosome 12 SCAF14999, whole genome shotgun seq
UN_ci_8317	---
UN_ci_3186	tr C3KK19 C3KK19_ANOFI Stathmin OS=Anoplopoma fimbria GN=STMN1 PE=2 SV=1
UN_ci_7720	tr C3UVG8 C3UVG8_9TELE Zona pellucida (Fragment) OS=Hypomesus transpacif
UN_ci_8299	tr B0V3V7 B0V3V7_DANRE Guanine nucleotide binding protein alpha subunit
UN_ci_8490	tr Q27R93 Q27R93_FUNHE NAD(P)H dehydrogenase quinone 1 OS=Fundulus heter
UN_ci_3128	tr Q2HYN5 Q2HYN5_ICTPU Translation factor suil-like OS=Ictalurus punctat
UN_ci_1523	tr Q4S564 Q4S564_TETNG Chromosome 6 SCAF14737, whole genome shotgun sequ
UN_ci_7587	tr Q6DGD9 Q6DGD9_DANRE Trafficking protein particle complex 1 OS=Danio r
UN_ci_7945	sp Q7T3T9 ZAR1_TAKRU Zygote arrest protein 1 OS=Takifugu rubripes GN=zar
UN_ci_8816	tr Q1KKY5 Q1KKY5_TAKRU Mitochondrial ATP synthase F0 complex subunit c i
GPGRCDD02H7PEA_ci	tr C1BJN5 C1BJN5_OSMO Cathepsin Z OS=Osmerus mordax GN=CATZ PE=2 SV=1
UN_ci_818	---
UN_ci_8313	tr B9ELS4 B9ELS4_SALSA Transmembrane protein 188 OS=Salmo salar GN=TM188
UN_ci_8744	tr Q6TGY0 Q6TGY0_DANRE HSPC038 protein OS=Danio rerio GN=LOC51123 PE=2 S
UN_ci_6304	tr A0EZ22 A0EZ22_PSEMX Nucleoside diphosphate kinase (Fragment) OS=Psett
UN_ci_8264	tr C3KI01 C3KI01_ANOFI Histone deacetylase complex subunit SAP18 OS=Anop
UN_ci_1521	tr A3KQ59 A3KQ59_DANRE Novel protein similar to human and mouse ubiquiti
UN_ci_8175	tr B5XE73 B5XE73_SALSA M-phase phosphoprotein 6 OS=Salmo salar GN=MPH6 P
UN_ci_925	tr Q4T029 Q4T029_TETNG Chromosome undetermined SCAF11373, whole genome s
UN_ci_2574	tr A0JPF1 A0JPF1_DANRE Zgc:153686 OS=Danio rerio GN=ubc PE=2 SV=1
UN_ci_1148	---
UN_ci_4781	tr B5T1N7 B5T1N7_EPICO Mitochondrial cytochrome C oxidase subunit Vb (Fr
UN_ci_8295	tr C3KIJ8 C3KIJ8_ANOFI Small nuclear ribonucleoprotein Sm D2 OS=Anoplopo
UN_ci_5483	tr C3KIW9 C3KIW9_ANOFI Nuclear nucleic acid-binding protein C1D OS=Anopl
UN_ci_5288	tr Q4S6R2 Q4S6R2_TETNG Chromosome undetermined SCAF14724, whole genome s
UN_ci_3921	tr C3KJ13 C3KJ13_ANOFI SRA stem-loop-interacting RNA-binding protein, mi
UN_ci_5805	tr Q4T9G5 Q4T9G5_TETNG Chromosome undetermined SCAF7571, whole genome sh
UN_ci_239	tr C3KIN0 C3KIN0_ANOFI GTP-binding nuclear protein Ran OS=Anoplopoma fim
UN_ci_6554	---
UN_ci_7983	tr C3KIV4 C3KIV4_ANOFI FAM60A OS=Anoplopoma fimbria GN=FA60A PE=2 SV=1
UN_ci_3682	tr C3KJT2 C3KJT2_ANOFI NADH dehydrogenase 1 beta subcomplex subunit 5, m
UN_ci_7946	tr C3KGU8 C3KGU8_ANOFI 40S ribosomal protein S8 OS=Anoplopoma fimbria GN
UN_ci_7455	tr C3KJQ1 C3KJQ1_ANOFI Tumor suppressor candidate 2 OS=Anoplopoma fimbri
UN_ci_7724	tr B9V3X3 B9V3X3_EPICO Muscle-specific beta 1 integrin binding protein 2
UN_ci_2481	tr Q4SD23 Q4SD23_TETNG Chromosome 14 SCAF14645, whole genome shotgun seq

UN_ci_8638	---	
UN_ci_8221	tr Q4S1J7 Q4S1J7_TETNG	Chromosome 6 SCAF14768, whole genome shotgun sequ
UN_ci_8519	tr D2CFU7 D2CFU7_9PERC	Superoxide dismutase [Cu-Zn] OS=Rachycentron cana
UN_ci_267	tr Q4S9N2 Q4S9N2_TETNG	Chromosome undetermined SCAF14696, whole genome s
UN_ci_8256	tr Q4RMT6 Q4RMT6_TETNG	Chromosome 3 SCAF15018, whole genome shotgun sequ
UN_ci_8788	tr C3S171 C3S171_DANRE	Glutathione peroxidase OS=Danio rerio GN=gpx4b PE
UN_ci_3655	tr C3KIH6 C3KIH6_ANOFI	Chromobox protein homolog 3 OS=Anoplopoma fimbria
UN_ci_8084	tr D7PIW6 D7PIW6_PSEMX	Ferritin OS=Psetta maxima GN=FerM PE=2 SV=1
UN_ci_2057	---	
UN_ci_2012	tr Q5RGQ1 Q5RGQ1_DANRE	Novel protein similar to vertebrate CD151 antigen
UN_ci_8493	tr Q4RJH9 Q4RJH9_TETNG	Chromosome 3 SCAF15037, whole genome shotgun sequ
UN_ci_7870	---	
UN_ci_3905	tr Q800Z2 Q800Z2_PAROL	Splicing factor arginine/serine-rich 3 OS=Paralic
UN_ci_8171	tr A9ZT79 A9ZT79_SOLSE	Ribosomal protein L6 OS=Solea senegalensis GN=RPL
UN_ci_670	tr Q90ZQ6 Q90ZQ6_ONCMY	Polyubiquitin OS=Oncorhynchus mykiss PE=2 SV=1
UN_ci_1772	tr C3KH31 C3KH31_ANOFI	EMI5 homolog, mitochondrial OS=Anoplopoma fimbria
UN_ci_8022	sp Q802F2 SELTA_DANRE	Selenoprotein Tla OS=Danio rerio GN=seltla PE=2 SV
UN_ci_6115	tr Q3UBL7 Q3UBL7_MOUSE	Putative uncharacterized protein (Fragment) OS=Mu
UN_ci_7701	tr C1BXJ2 C1BXJ2_ESOLU	39S ribosomal protein L47, mitochondrial OS=Esox
UN_ci_6001	tr Q4TOS8 Q4TOS8_TETNG	Chromosome undetermined SCAF10875, whole genome s
UN_ci_7908	tr C1BJH9 C1BJH9_OSMO	ADP/ATP translocase 2 OS=Osmerus mordax GN=ADT2 P
UN_ci_4671	tr Q4V8Q4 Q4V8Q4_DANRE	Zgc:114204 OS=Danio rerio GN=golt1b PE=2 SV=1
UN_ci_7972	tr Q4RN49 Q4RN49_TETNG	Chromosome undetermined SCAF15016, whole genome s
UN_ci_8506	---	
UN_ci_7892	tr C3KIQ6 C3KIQ6_ANOFI	Myosin regulatory light chain 2, smooth muscle is
UN_ci_1277	---	
UN_ci_6552	tr D2H9F9 D2H9F9_AILME	Putative uncharacterized protein (Fragment) OS=Ai
UN_ci_8250	tr Q4S5M1 Q4S5M1_TETNG	Chromosome 9 SCAF14729, whole genome shotgun sequ
UN_ci_3163	tr C3KIP5 C3KIP5_ANOFI	Proteasome subunit beta type OS=Anoplopoma fimbri
UN_ci_3692	tr C1BJ19 C1BJ19_OSMO	Proteasome subunit beta type OS=Osmerus mordax GN
UN_ci_5291	tr Q4SJP1 Q4SJP1_TETNG	Chromosome 1 SCAF14573, whole genome shotgun sequ
UN_ci_4439	tr B5X8M2 B5X8M2_SALSA	Mediator of RNA polymerase II transcription subun
UN_ci_257	tr Q8UVG1 Q8UVG1_EPICO	Ribosomal protein L32 OS=Epinephelus coioides PE=
UN_ci_8218	tr Q4RRE1 Q4RRE1_TETNG	Chromosome 16 SCAF15002, whole genome shotgun seq
UN_ci_8468	tr C3KIU5 C3KIU5_ANOFI	Transcription elongation factor SPT4 OS=Anoplopom
UN_ci_8058	tr C3KJT1 C3KJT1_ANOFI	High mobility group protein B2 OS=Anoplopoma fimb
UN_ci_2242	---	
UN_ci_8400	tr Q4S7P2 Q4S7P2_TETNG	Chromosome 18 SCAF14712, whole genome shotgun seq
UN_ci_7356	tr B9EQ18 B9EQ18_SALSA	CWC15 homolog OS=Salmo salar GN=CWC15 PE=2 SV=1
UN_ci_4443	tr B9EP79 B9EP79_SALSA	Proteasome activator complex subunit 3 OS=Salmo s
UN_ci_3927	---	
UN_ci_8232	tr COPUM3 COPUM3_SALSA	ATP-dependent RNA helicase DDX39 (Fragment) OS=Sa
UN_ci_8163	tr Q4S4D9 Q4S4D9_TETNG	Chromosome 2 SCAF14738, whole genome shotgun sequ
UN_ci_7992	tr C3KJD0 C3KJD0_ANOFI	RWD domain-containing protein 1 OS=Anoplopoma fim
UN_ci_1380	---	
UN_ci_8328	tr C1BL72 C1BL72_OSMO	Elongation factor 1-gamma OS=Osmerus mordax GN=EF
UN_ci_7661	tr C3KJ11 C3KJ11_ANOFI	Dolichol phosphate-mannose biosynthesis regulator
UN_ci_8193	tr C1BEP1 C1BEP1_ONCMY	Prefoldin subunit 6 OS=Oncorhynchus mykiss GN=PF
UN_ci_6119	tr C3KJV1 C3KJV1_ANOFI	39S ribosomal protein L51, mitochondrial OS=Anopl
UN_ci_8309	tr C3KHN8 C3KHN8_ANOFI	Cofilin-2 OS=Anoplopoma fimbria GN=COF2 PE=2 SV=1

UN_ci_8595	tr	B5X3U0	B5X3U0_SALSA	Ubiquitin carrier protein OS=Salmo salar GN=UBC9
UN_ci_8420	tr	C8CH42	C8CH42_SCIOC	QM-like protein OS=Sciaenops ocellatus GN=QM PE=2
UN_ci_160	tr	C3KHM0	C3KHM0_ANOFI	ATP synthase subunit g, mitochondrial OS=Anoplopo
UN_ci_3753	---			
UN_ci_2798	tr	Q4RT21	Q4RT21_TETNG	S-adenosylmethionine synthase OS=Tetraodon nigrov
UN_ci_6027	tr	C1BYE7	C1BYE7_ESOLU	UPF0527 membrane protein OS=Esox lucius GN=U527 P
UN_ci_4049	---			
UN_ci_539	tr	Q4SN52	Q4SN52_TETNG	Chromosome 8 SCAF14543, whole genome shotgun sequ
UN_ci_4613	tr	C1BL65	C1BL65_OSMO	Dolichyl-diphosphooligosaccharide--protein glycos
UN_ci_7761	tr	COPTY0	COPTY0_SALSA	Nucleophosmin (Fragment) OS=Salmo salar GN=NPM PE
UN_ci_2696	tr	Q9DFT6	Q9DFT6_9PERC	Beta tubulin OS=Notothenia coriiceps PE=2 SV=1
UN_ci_5849	tr	C3KIN7	C3KIN7_ANOFI	NADH dehydrogenase 1 beta subcomplex subunit 8, m
UN_ci_647	tr	D8U3C1	D8U3C1_VOLCA	Putative uncharacterized protein OS=Volvox carter
UN_ci_3157	tr	B5X9E6	B5X9E6_SALSA	Elongation factor 1-beta OS=Salmo salar GN=EF1B P
UN_ci_8153	tr	B9EPJ4	B9EPJ4_SALSA	Thioredoxin, mitochondrial OS=Salmo salar GN=THIO
UN_ci_7834	tr	COPTY4	COPTY4_SALSA	Proliferation-associated protein 2G4 (Fragment) 0
UN_ci_8670	tr	Q4SPX5	Q4SPX5_TETNG	Chromosome 7 SCAF14536, whole genome shotgun sequ
UN_ci_7862	tr	C1BYB1	C1BYB1_ESOLU	Transmembrane emp24 domain-containing protein 2 0
UN_ci_7952	tr	C1BKW4	C1BKW4_OSMO	KIAA0179 OS=Osmerus mordax GN=K0179 PE=2 SV=1
UN_ci_7333	tr	A9ZT78	A9ZT78_SOLSE	Ribosomal protein L5 OS=Solea senegalensis GN=RPL
UN_ci_8343	tr	A9ZT85	A9ZT85_SOLSE	Ribosomal protein OS=Solea senegalensis GN=RPL10a
UN_ci_3850	---			
UN_ci_5250	tr	Q9I8X6	Q9I8X6_9SMEG	Cytosine-specific methyltransferase OS=Xiphophoru
UN_ci_8041	tr	C3KH80	C3KH80_ANOFI	Ran-specific GTPase-activating protein OS=Anoplop
UN_ci_5796	tr	B5X8Y2	B5X8Y2_SALSA	Methyltransferase-like protein 5 OS=Salmo salar G
UN_ci_8061	tr	Q8QFS3	Q8QFS3_TETNG	H01CJC protein OS=Tetraodon nigroviridis GN=H01CJ
UN_ci_4275	---			
UN_ci_4858	tr	Q4TBK6	Q4TBK6_TETNG	Chromosome undetermined SCAF7120, whole genome sh
UN_ci_6572	tr	C3KGT8	C3KGT8_ANOFI	Coatomer subunit epsilon OS=Anoplopoma fimbria GN
UN_ci_3241	tr	C1BG20	C1BG20_ONCMY	RING-box protein 2 OS=Oncorhynchus mykiss GN=RBX2
UN_ci_2416	tr	C3KHA5	C3KHA5_ANOFI	TRM112-like protein OS=Anoplopoma fimbria GN=TR11
UN_ci_6439	tr	Q4RJV4	Q4RJV4_TETNG	Chromosome 9 SCAF15033, whole genome shotgun sequ
UN_ci_6184	tr	B5XB55	B5XB55_SALSA	Signal peptidase complex subunit 3 OS=Salmo salar
UN_ci_8692	tr	Q1KLP9	Q1KLP9_PSEMX	Natural killer enhancing factor OS=Psetta maxima
UN_ci_1011	---			
UN_ci_7694	tr	C3KHK4	C3KHK4_ANOFI	Prefoldin subunit 4 OS=Anoplopoma fimbria GN=PF4
UN_ci_662	---			
UN_ci_8076	tr	Q4RX35	Q4RX35_TETNG	Chromosome 11 SCAF14979, whole genome shotgun seq
UN_ci_231	---			
UN_ci_2880	---			
UN_ci_7662	tr	C3KIW7	C3KIW7_ANOFI	Survival of motor neuron-related-splicing factor
UN_ci_597	tr	B5FY04	B5FY04_TAEGU	Putative RBX1 protein OS=Taeniopygia guttata PE=4
UN_ci_5041	tr	C3KIF4	C3KIF4_ANOFI	26S proteasome non-ATPase regulatory subunit 13 0
UN_ci_5248	tr	B9EMJ6	B9EMJ6_SALSA	DNA-directed RNA polymerase III subunit RPC6 OS=S
UN_ci_8802	tr	C1BKB6	C1BKB6_OSMO	Adenosine kinase OS=Osmerus mordax GN=ADK PE=2 SV
UN_ci_7311	tr	Q4RVH3	Q4RVH3_TETNG	Proteasome subunit alpha type (Fragment) OS=Tetra
UN_ci_8768	tr	B3DFW5	B3DFW5_DANRE	Si:dkey-13i19.8 OS=Danio rerio GN=si:dkey-13i19.8
UN_ci_8708	tr	Q6PC77	Q6PC77_DANRE	ATP synthase, H ⁺ transporting, mitochondrial FO c
UN_ci_5192	tr	C3KI25	C3KI25_ANOFI	Small ubiquitin-related modifier 2 OS=Anoplopoma
UN_ci_8764	tr	B9ELR8	B9ELR8_SALSA	Transmembrane protein 147 OS=Salmo salar GN=TM147

UN_ci_1704	tr	C1BLM1	C1BLM1_OSMMO	Transmembrane BAX inhibitor motif-containing prot
UN_ci_7784	---			
UN_ci_3726	tr	Q4SZN8	Q4SZN8_TETNG	Chromosome undetermined SCAF11566, whole genome s
UN_ci_1737	---			
UN_ci_8348	tr	C3KI81	C3KI81_ANOFI	Electron transfer flavoprotein subunit alpha, mit
UN_ci_7095	tr	C3KIQ8	C3KIQ8_ANOFI	39S ribosomal protein L14, mitochondrial OS=Anopl
UN_ci_4168	tr	C3KIZ6	C3KIZ6_ANOFI	Cell division control protein 42 homolog OS=Anopl
UN_ci_7884	tr	A2Q0S1	A2Q0S1_SOLSE	Ribosomal protein S6 OS=Solea senegalensis GN=rpS
UN_ci_4266	---			
UN_ci_5104	tr	C1BKD0	C1BKD0_OSMMO	Transcription initiation factor TFIID subunit 11
UN_ci_7742	tr	D8X0S5	D8X0S5_PSEMX	Peroxiredoxin 6 OS=Psetta maxima GN=Prx6 PE=2 SV=
UN_ci_3600	tr	B5XDC9	B5XDC9_SALSA	Peptidyl-prolyl cis-trans isomerase OS=Salmo sala
UN_ci_8339	tr	COH747	COH747_SALSA	40S ribosomal protein S17 OS=Salmo salar GN=RS17
UN_ci_8596	tr	A8JJG4	A8JJG4_CHLRE	Predicted protein OS=Chlamydomonas reinhardtii GN
UN_ci_3586	---			
UN_ci_6015	tr	C3KJ18	C3KJ18_ANOFI	Probable protein BRICK1 OS=Anoplopoma fimbria GN=
UN_ci_3150	tr	Q4SCJ6	Q4SCJ6_TETNG	Chromosome undetermined SCAF14653, whole genome s
UN_ci_8151	tr	Q5DW64	Q5DW64_ONCMY	Glucose-regulated protein 78kDa (Fragment) OS=Onc
UN_ci_3355	tr	Q45KR0	Q45KR0_LARCR	Heat shock protein 60 OS=Larimichthys crocea GN=H
UN_ci_1165	tr	COH9Z2	COH9Z2_SALSA	Cell division cycle 5-like protein OS=Salmo salar
UN_ci_8185	tr	C3KK62	C3KK62_ANOFI	Small EDRK-rich factor 2 OS=Anoplopoma fimbria GN
UN_ci_6583	tr	Q7ZV25	Q7ZV25_DANRE	Tubulin cofactor a OS=Danio rerio GN=tbca PE=2 SV
UN_ci_7689	tr	Q803D9	Q803D9_DANRE	Prmt1 protein (Fragment) OS=Danio rerio GN=prmt1
UN_ci_3785	tr	Q5HZ93	Q5HZ93_XENLA	MGC85128 protein OS=Xenopus laevis GN=txnl4a PE=2
UN_ci_542	tr	COH917	COH917_SALSA	Heterogeneous nuclear ribonucleoprotein A/B OS=Sa
UN_ci_47	---			
UN_ci_4947	tr	Q6DRK2	Q6DRK2_DANRE	Spliceosome-associated factor 61 OS=Danio rerio GN
UN_ci_4159	tr	Q4S8P8	Q4S8P8_TETNG	Chromosome 7 SCAF14703, whole genome shotgun sequ
UN_ci_6692	tr	Q4SLW7	Q4SLW7_TETNG	Chromosome 13 SCAF14555, whole genome shotgun seq
UN_ci_1151	tr	C1BJA0	C1BJA0_OSMMO	Surfeit locus protein 5 OS=Osmerus mordax GN=SURF
UN_ci_6118	tr	C3KIG2	C3KIG2_ANOFI	C-Myc-binding protein OS=Anoplopoma fimbria GN=MY
UN_ci_2779	tr	C3KJZ2	C3KJZ2_ANOFI	ATP synthase-coupling factor 6, mitochondrial OS=
UN_ci_6589	---			
UN_ci_3409	tr	Q4S8V0	Q4S8V0_TETNG	Chromosome 7 SCAF14703, whole genome shotgun sequ
UN_ci_7171	tr	C3KJR7	C3KJR7_ANOFI	Thioredoxin-dependent peroxide reductase, mitoch
UN_ci_4353	tr	C3KHZ2	C3KHZ2_ANOFI	Mitochondrial 28S ribosomal protein S21 OS=Anoplo
UN_ci_7777	tr	Q4S2U7	Q4S2U7_TETNG	Chromosome 17 SCAF14760, whole genome shotgun seq
UN_ci_2373	tr	B5X2G7	B5X2G7_SALSA	28S ribosomal protein S31, mitochondrial OS=Salmo
UN_ci_8569	tr	C3KIH2	C3KIH2_ANOFI	Tumor suppressor candidate 2 OS=Anoplopoma fimbri
UN_ci_4993	tr	C3KHX1	C3KHX1_ANOFI	26S protease regulatory subunit 8 OS=Anoplopoma f
UN_ci_5196	tr	Q4RI74	Q4RI74_TETNG	Chromosome 8 SCAF15044, whole genome shotgun sequ
UN_ci_2937	sp	Q566X6	PTCD2_DANRE	Pentatricopeptide repeat-containing protein 2 OS=D
UN_ci_8245	tr	C3KHK1	C3KHK1_ANOFI	Eukaryotic translation initiation factor 1A, X-ch
UN_ci_1294	tr	C3KJU5	C3KJU5_ANOFI	Biogenesis of lysosome-related organelles complex
UN_ci_4487	tr	Q4RXL8	Q4RXL8_TETNG	Chromosome 11 SCAF14979, whole genome shotgun seq
UN_ci_5521	tr	B9ENS2	B9ENS2_SALSA	Thioredoxin OS=Salmo salar GN=THIO PE=4 SV=1
UN_ci_7791	tr	C3KJX5	C3KJX5_ANOFI	Probable signal peptidase complex subunit 2 OS=An
UN_ci_2008	tr	D2H728	D2H728_AILME	Putative uncharacterized protein (Fragment) OS=Ai
UN_ci_1330	tr	C3KIU9	C3KIU9_ANOFI	Replication protein A 32 kDa subunit OS=Anoplopom
UN_ci_8216	tr	D2CFQ6	D2CFQ6_LARCR	Transcription factor Dp-1 OS=Larimichthys crocea

UN_ci_7967	tr Q4S0Q0 Q4S0Q0_TETNG	Chromosome 2 SCAF14781, whole genome shotgun sequ
UN_ci_8268	tr Q4T4L7 Q4T4L7_TETNG	Profilin OS=Tetraodon nigroviridis GN=GSTENG00007
UN_ci_5492	tr C3KK67 C3KK67_ANOFI	T-cell leukemia translocation-altered gene protei
UN_ci_2749	---	---
UN_ci_2655	tr C3KJ47 C3KJ47_ANOFI	Histidine triad nucleotide-binding protein 1 OS=A
UN_ci_4718	tr C3KID9 C3KID9_ANOFI	NADH dehydrogenase iron-sulfur protein 7, mitocho
UN_ci_6413	tr B5XGK6 B5XGK6_SALSA	Crystallin J1A OS=Salmo salar GN=CRJ1A PE=2 SV=1
UN_ci_221	---	---
UN_ci_8634	tr B9EL49 B9EL49_SALSA	Ubiquitin carrier protein OS=Salmo salar GN=UBE2B
UN_ci_8072	tr C3KHR9 C3KHR9_ANOFI	Thioredoxin OS=Anoplopoma fimbria GN=THIO PE=4 SV
UN_ci_7652	tr A2Q0S2 A2Q0S2_SOLSE	Ribosomal protein S7 OS=Solea senegalensis GN=rpS
UN_ci_7596	tr Q4SL28 Q4SL28_TETNG	Chromosome 17 SCAF14563, whole genome shotgun seq
UN_ci_8070	tr C1BIP5 C1BIP5_OSMO	U3 small nucleolar RNA-interacting protein 2 OS=0
UN_ci_4023	tr C3KHL7 C3KHL7_ANOFI	Ubiquitin carrier protein OS=Anoplopoma fimbria G
UN_ci_5388	---	---
UN_ci_8270	tr Q6PGV9 Q6PGV9_DANRE	Peptidylprolyl isomerase (Cyclophilin)-like 4 OS=
UN_ci_4164	sp Q6TH15 EIF3D_DANRE	Eukaryotic translation initiation factor 3 subunit
UN_ci_4712	tr Q4S7N9 Q4S7N9_TETNG	Chromosome 18 SCAF14712, whole genome shotgun seq
UN_ci_7252	tr C3KI46 C3KI46_ANOFI	Probable palmitoyltransferase ZDHHC4 OS=Anoplopom
UN_ci_198	tr Q27HW5 Q27HW5_PSEMX	Cell death-regulatory protein OS=Psetta maxima PE
UN_ci_863	tr Q4SS97 Q4SS97_TETNG	Chromosome 11 SCAF14479, whole genome shotgun seq
UN_ci_8321	tr Q4RRB6 Q4RRB6_TETNG	Chromosome 14 SCAF15003, whole genome shotgun seq
UN_ci_3516	tr Q6P959 Q6P959_DANRE	ATP synthase gamma chain OS=Danio rerio GN=atp5c1
UN_ci_6484	tr A0F005 A0F005_PSEMX	RNA polymerase B transcription factor 3 (Fragment
UN_ci_5475	tr B5X218 B5X218_SALSA	Nucleolar protein 5 OS=Salmo salar GN=NOL5 PE=2 S
UN_ci_1428	tr Q4RKM2 Q4RKM2_TETNG	Chromosome 18 SCAF15027, whole genome shotgun seq
UN_ci_3697	tr Q4SLR0 Q4SLR0_TETNG	Chromosome 15 SCAF14556, whole genome shotgun seq
UN_ci_3370	tr C3KJH2 C3KJH2_ANOFI	Small nuclear ribonucleoprotein G OS=Anoplopoma f
UN_ci_4293	---	---
UN_ci_3238	tr Q6TNU6 Q6TNU6_DANRE	Dihydrolipoyl dehydrogenase OS=Danio rerio GN=dld
UN_ci_6714	tr Q68J69 Q68J69_PAROL	Cathepsin B OS=Paralichthys olivaceus PE=2 SV=1
UN_ci_5685	sp Q4S2L4 RCL_TETNG	Deoxyribonucleoside 5'-monophosphate N-glycosidase 0
UN_ci_7693	tr C3KK54 C3KK54_ANOFI	Deoxyuridine 5-triphosphate nucleotidohydrolase,
UN_ci_8167	tr C1BKV1 C1BKV1_OSMO	ADP-ribosylation factor-like protein 1 OS=Osmerus
UN_ci_1617	tr Q5F3E1 Q5F3E1_CHICK	Putative uncharacterized protein OS=Gallus gallus
UN_ci_8190	tr C3KJ43 C3KJ43_ANOFI	ORM1-like protein 1 OS=Anoplopoma fimbria GN=ORML
UN_ci_8128	tr Q6DHI9 Q6DHI9_DANRE	Proteasome subunit beta type OS=Danio rerio GN=ps
UN_ci_4078	tr Q6Y248 Q6Y248_PAGMA	Chaperonin subunit 7 (Fragment) OS=Pagrus major P
UN_ci_2833	tr Q4RSM1 Q4RSM1_TETNG	Chromosome 12 SCAF14999, whole genome shotgun seq
UN_ci_8213	tr Q6PH42 Q6PH42_DANRE	Ubiquitin carrier protein (Fragment) OS=Danio rer
UN_ci_5538	tr C3KI18 C3KI18_ANOFI	Elongation factor 1-delta OS=Anoplopoma fimbria G
UN_ci_3486	tr COH7I9 COH7I9_SALSA	40S ribosomal protein S15 OS=Salmo salar GN=RS15
UN_ci_3942	tr C3KH14 C3KH14_ANOFI	FK506-binding protein 1A OS=Anoplopoma fimbria GN
UN_ci_6445	tr COHA74 COHA74_SALSA	DNA-directed RNA polymerase OS=Salmo salar GN=RPB
UN_ci_8739	tr Q4SUY7 Q4SUY7_TETNG	Chromosome 21 SCAF13835, whole genome shotgun seq
UN_ci_7809	tr Q7ZW94 Q7ZW94_DANRE	Signal recognition particle 9 kDa protein OS=Dani
UN_ci_5649	tr B5XFF1 B5XFF1_SALSA	Dynactin subunit 6 OS=Salmo salar GN=DCTN6 PE=2 S
UN_ci_7937	tr C1BYA1 C1BYA1_ESOLU	AN1-type zinc finger protein 1 OS=Esox lucius GN=
UN_ci_6606	---	---
UN_ci_7063	tr Q4SPS2 Q4SPS2_TETNG	Chromosome 7 SCAF14536, whole genome shotgun sequ

UN_ci_769	tr B5XA79 B5XA79_SALSA	39S ribosomal protein L52, mitochondrial	OS=Salmo
UN_ci_7865	---		
UN_ci_5114	tr A9ZT96 A9ZT96_SOLSE	Ribosomal protein L19	OS=Solea senegalensis GN=RP
UN_ci_560	---		
UN_ci_8109	---		
UN_ci_8137	tr B5X7F1 B5X7F1_SALSA	Lin-52 homolog	OS=Salmo salar GN=LIN52 PE=4 SV=1
UN_ci_2879	tr Q4RHR2 Q4RHR2_TETNG	Chromosome 19 SCAF15045, whole genome shotgun seq	
UN_ci_3805	tr Q4SCH7 Q4SCH7_TETNG	Chromosome undetermined SCAF14653, whole genome s	
UN_ci_8520	tr Q4RL89 Q4RL89_TETNG	Chromosome 21 SCAF15022, whole genome shotgun seq	
UN_ci_7803	---		
UN_ci_6336	tr B5DGF1 B5DGF1_SALSA	Signal sequence receptor beta	OS=Salmo salar GN=s
UN_ci_8004	sp Q9I8U0 COX41_THUOB	Cytochrome c oxidase subunit 4 isoform 1, mitochon	
UN_ci_2975	tr C1BLD2 C1BLD2_OSMMO	C20orf24 homolog	OS=Osmerus mordax GN=CT024 PE=2
UN_ci_8260	tr Q71U69 Q71U69_XENLA	Enhancer of rudimentary homolog	OS=Xenopus laevis
UN_ci_7921	---		

Draft

hotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00038513001 PE=4 SV=1
S=Anoplopoma fimbria GN=ELOC PE=4 SV=1

fimbria GN=DYL2 PE=4 SV=1
SV=1

50 PE=2 SV=1
mbicus PE=2 SV=1
OS=Oncorhynchus mykiss GN=TAF10 PE=2 SV=1
bria GN=NPC2 PE=2 SV=1
OS=Epinephelus coioides PE=2 SV=1

uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00029438001 PE=4 SV=1

icus PE=2 SV=1
v1 subtype (Fragment) OS=Danio rerio GN=gnav1 PE=2 SV=1
oclitus PE=2 SV=1
us PE=4 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00023873001 PE=4 SV=1
erio GN=trappc1 PE=2 SV=1
1 PE=2 SV=1
soform 1 OS=Takifugu rubripes GN=Atp5g1 PE=3 SV=1

PE=2 SV=1
SV=1
a maxima PE=2 SV=1
lopoma fimbria GN=SAP18 PE=2 SV=1
n specific peptidase 39 (USP39) OS=Danio rerio GN=usp39 PE=4 SV=1
E=2 SV=1
hotgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009546001 PE=4 SV=1

ragment) OS=Epinephelus coioides PE=2 SV=1
ma fimbria GN=SMD2 PE=4 SV=1
opoma fimbria GN=C1D PE=2 SV=1
hotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00023162001 PE=4 SV=1
tochondrial OS=Anoplopoma fimbria GN=SLIRP PE=4 SV=1
otgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00004757001 PE=4 SV=1
bria GN=RAN PE=2 SV=1

itochondrial OS=Anoplopoma fimbria GN=NDUB5 PE=2 SV=1
=RS8 PE=2 SV=1
a GN=TUSC2 PE=4 SV=1
OS=Epinephelus coioides PE=2 SV=1
uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020229001 PE=4 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00025517001 PE=4 SV=1
 dum GN=SOD1 PE=2 SV=1
 hotgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00021806001 PE=4 SV=1
 ence OS=Tetraodon nigroviridis GN=GSTENG00031888001 PE=4 SV=1
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 GN=CBX3 PE=2 SV=1

 (CD151) OS=Danio rerio GN=si:dkey-21hl4.7 PE=4 SV=1
 ence OS=Tetraodon nigroviridis GN=GSTENG00033425001 PE=4 SV=1

 hthys olivaceus PE=2 SV=1
 6 PE=2 SV=1

 GN=EMI5 PE=2 SV=1
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 s musculus GN=2410042D21Rik PE=2 SV=1
 lucius GN=RM47 PE=2 SV=1
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 E=2 SV=1

 hotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00031736001 PE=4 SV=1

 oform OS=Anoplopoma fimbria GN=MLRN PE=2 SV=1

 luropoda melanoleuca GN=PANDA_006953 PE=4 SV=1
 ence OS=Tetraodon nigroviridis GN=GSTENG00023668001 PE=4 SV=1
 a GN=PSB1A PE=2 SV=1
 =PSB3 PE=2 SV=1
 ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00017122001 PE=4 SV=1
 it 20 OS=Salmo salar GN=MED20 PE=2 SV=1
 2 SV=1
 uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030206001 PE=4 SV=1
 a fimbria GN=SPT4H PE=4 SV=1
 ria GN=HMGB2 PE=2 SV=1

 uence OS=Tetraodon nigroviridis GN=GSTENG00022692001 PE=4 SV=1

 alar GN=PSME3 PE=2 SV=1

 lmo salar GN=DDX39 PE=2 SV=1
 ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00024220001 PE=4 SV=1
 bria GN=RWDD1 PE=2 SV=1

 1G PE=2 SV=1
 y protein OS=Anoplopoma fimbria GN=DPM2 PE=4 SV=1
 6 PE=2 SV=1
 opoma fimbria GN=RM51 PE=2 SV=1

PE=2 SV=1
SV=1
ma fimbria GN=ATP5L PE=4 SV=1
iridis GN=GSTENG00029452001 PE=3 SV=1
E=2 SV=1
ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00015434001 PE=4 SV=1
yltransferase subunit DAD1 OS=Osmerus mordax GN=DAD1 PE=4 SV=1
=2 SV=1
mitochondrial OS=Anoplopoma fimbria GN=NDUB8 PE=2 SV=1
i f. nagariensis GN=VOLCADRAFT_93889 PE=4 SV=1
E=2 SV=1
M PE=2 SV=1
S=Salmo salar GN=PA2G4 PE=2 SV=1
ence OS=Tetraodon nigroviridis GN=GSTENG00014630001 PE=4 SV=1
S=Esox lucius GN=TMED2 PE=2 SV=1
5 PE=2 SV=1
PE=2 SV=1
s maculatus x Xiphophorus helleri GN=dnmt-1 PE=2 SV=1
oma fimbria GN=RANG PE=2 SV=1
N=METL5 PE=2 SV=1
C PE=2 SV=1
otgun sequence OS=Tetraodon nigroviridis GN=GSTENG00003719001 PE=4 SV=1
=COPE PE=2 SV=1
PE=4 SV=1
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ence OS=Tetraodon nigroviridis GN=GSTENG00033260001 PE=4 SV=1
GN=SPCS3 PE=2 SV=1
PE=2 SV=1
PE=2 SV=1
uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00027582001 PE=3 SV=1
30 OS=Anoplopoma fimbria GN=SPF30 PE=2 SV=1
SV=1
S=Anoplopoma fimbria GN=PSD13 PE=2 SV=1
almo salar GN=RPC6 PE=2 SV=1
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odon nigroviridis GN=GSTENG00028335001 PE=3 SV=1
PE=4 SV=1
omplex, subunit d OS=Danio rerio GN=atp5h PE=2 SV=1
fimbria GN=SUM02 PE=4 SV=1
PE=2 SV=1

ein 4 OS=Osmerus mordax GN=TMBI4 PE=2 SV=1

hotgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00009758001 PE=4 SV=1

ochondrial OS=Anoplopoma fimbria GN=ETFA PE=2 SV=1

opoma fimbria GN=RM14 PE=2 SV=1

opoma fimbria GN=CDC42 PE=2 SV=1

6 PE=2 SV=1

OS=Osmerus mordax GN=TAF11 PE=2 SV=1

1

r GN=PPIL3 PE=2 SV=1

PE=2 SV=1

=CHLREDRAFT_155068 PE=4 SV=1

BRK1 PE=4 SV=1

hotgun sequence OS=Tetraodon nigroviridis GN=GSTENG00020465001 PE=4 SV=1

orhynchus mykiss GN=GRP78 PE=2 SV=1

sp60 PE=4 SV=1

GN=CDC5L PE=2 SV=1

=SERF2 PE=4 SV=1

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PE=2 SV=1

SV=1

lmo salar GN=ROAA PE=2 SV=1

=sf3a3 PE=2 SV=1

ence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00022244001 PE=4 SV=1

uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016036001 PE=4 SV=1

5 PE=2 SV=1

CBP PE=4 SV=1

Anoplopoma fimbria GN=ATP5J PE=3 SV=1

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ndrial OS=Anoplopoma fimbria GN=PRDX3 PE=2 SV=1

opoma fimbria GN=RT21 PE=4 SV=1

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salar GN=RT31 PE=2 SV=1

a GN=TUSC2 PE=4 SV=1

fimbria GN=PRS8 PE=2 SV=1

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anio rerio GN=ptcd2 PE=2 SV=1

romosomal OS=Anoplopoma fimbria GN=IF1AX PE=2 SV=1

-1 subunit 1 OS=Anoplopoma fimbria GN=BL1S1 PE=2 SV=1

uence OS=Tetraodon nigroviridis GN=GSTENG00027365001 PE=4 SV=1

oplopoma fimbria GN=SPCS2 PE=2 SV=1

luropoda melanoleuca GN=PANDA_005916 PE=4 SV=1

ia fimbria GN=RFA2 PE=2 SV=1

PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00025926001 PE=4 SV=1
244001 PE=3 SV=1
n homolog OS=Anoplopoma fimbria GN=TCTA PE=4 SV=1

noplopoma fimbria GN=HINT1 PE=2 SV=1
ndrial OS=Anoplopoma fimbria GN=NDUS7 PE=2 SV=1

PE=2 SV=1
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7 PE=2 SV=1
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smorus mordax GN=U3IP2 PE=2 SV=1
N=UBE2A PE=2 SV=1

Danio rerio GN=ppil4 PE=2 SV=1
D OS=Danio rerio GN=eif3d PE=2 SV=1
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a fimbria GN=ZDHC4 PE=2 SV=1
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uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00030239001 PE=4 SV=1
PE=2 SV=1
) OS=Psetta maxima PE=2 SV=1
V=1
uence OS=Tetraodon nigroviridis GN=GSTENG00032873001 PE=4 SV=1
uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00016123001 PE=4 SV=1
fimbria GN=RUXG PE=4 SV=1

h PE=2 SV=1

S=Tetraodon nigroviridis GN=rcl PE=3 SV=2
mitochondrial OS=Anoplopoma fimbria GN=DUT PE=2 SV=1
mordax GN=ARL1 PE=2 SV=1
GN=RCJMB04_19p6 PE=2 SV=1
.1 PE=2 SV=1
mb2 PE=2 SV=1
E=2 SV=1
uence OS=Tetraodon nigroviridis GN=GSTENG00029628001 PE=4 SV=1
io GN=ube2l3l PE=2 SV=1
N=EF1D PE=2 SV=1
PE=2 SV=1
=FKB1A PE=3 SV=1
2 PE=2 SV=1
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o rerio GN=srp9 PE=2 SV=1
V=1
ZFAN1 PE=2 SV=1

ence OS=Tetraodon nigroviridis GN=GSTENG00014695001 PE=4 SV=1

salari GN=RM52 PE=2 SV=1

L19-like2 PE=2 SV=1

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hotgun sequence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00020486001 PE=4 SV=1
uence. (Fragment) OS=Tetraodon nigroviridis GN=GSTENG00032595001 PE=4 SV=1

sr2 PE=2 SV=1
drial OS=Thunnus obesus PE=2 SV=1
SV=1
GN=erh PE=3 SV=1

Draft

Contig_Name	Offset_On_Contig	ALLELE
UN_xiong_3	340	A/G
UN_xiong_11	525	T/C
UN_xiong_11	626	A/T
UN_xiong_11	847	T/C
UN_xiong_11	903	T/C
UN_xiong_12	257	G/A
UN_xiong_12	362	A/G
UN_xiong_12	387	G/A
UN_xiong_16	152	T/C
UN_xiong_16	376	A/G
UN_xiong_29	634	A/C
UN_xiong_51	22	A/G
UN_xiong_55	93	T/C
UN_xiong_55	117	C/T
UN_xiong_59	161	G/A
UN_xiong_66	335	G/A
UN_xiong_66	420	G/A
UN_xiong_68	138	C/T
UN_xiong_73	94	T/C
UN_xiong_73	157	G/A
UN_xiong_81	102	A/G
UN_xiong_81	148	G/A
UN_xiong_90	119	C/A
UN_xiong_97	293	G/A
UN_xiong_98	119	T/A
UN_xiong_98	595	C/G
UN_xiong_98	634	A/G
UN_xiong_98	654	C/T
UN_xiong_98	694	T/C
UN_xiong_98	758	A/G
UN_xiong_98	805	G/A
UN_xiong_98	887	A/G
UN_xiong_101	446	A/G
UN_xiong_101	468	A/G
UN_xiong_101	569	G/C
UN_xiong_108	206	T/C
UN_xiong_108	262	T/C
UN_xiong_111	127	C/T
UN_xiong_122	302	G/A
UN_xiong_122	382	G/T
UN_xiong_122	406	T/C
UN_xiong_122	509	T/C
UN_xiong_122	642	C/A
UN_xiong_142	127	A/G
UN_xiong_145	502	C/T
UN_xiong_145	585	T/C

UN_xiong_145	619	C/T
UN_xiong_145	867	T/C
UN_xiong_146	8	A/T
UN_xiong_146	53	A/G
UN_xiong_146	134	C/T
UN_xiong_146	384	G/A
UN_xiong_146	430	T/C
UN_xiong_146	836	T/C
UN_xiong_148	159	T/C
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UN_xiong_153	171	A/T
UN_xiong_155	15	A/G
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UN_xiong_169	277	A/G
UN_xiong_175	205	C/A
UN_xiong_178	64	T/C
UN_xiong_178	200	T/C
UN_xiong_187	77	G/A
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UN_xiong_213	206	A/G
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UN_xiong_216	315	T/G
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UN_xiong_216	446	A/T
UN_xiong_216	661	G/A
UN_xiong_216	886	C/T
UN_xiong_216	914	T/G
UN_xiong_216	960	T/C
UN_xiong_216	1267	A/T
UN_xiong_228	79	A/G
UN_xiong_228	99	G/A
UN_xiong_228	127	A/G
UN_xiong_228	190	A/G
UN_xiong_228	309	G/A
UN_xiong_235	154	A/G
UN_xiong_246	200	C/T
UN_xiong_251	253	G/A
UN_xiong_252	93	A/G

UN_xiong_256	267	T/A
UN_xiong_257	523	A/G
UN_xiong_257	879	G/C
UN_xiong_260	56	C/T
UN_xiong_261	241	A/G
UN_xiong_263	121	T/C
UN_xiong_269	425	T/C
UN_xiong_269	548	A/G
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UN_xiong_278	145	G/A
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UN_xiong_298	259	G/A
UN_xiong_298	291	A/G
UN_xiong_306	33	G/C
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UN_xiong_307	598	T/C
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UN_xiong_310	1071	T/A
UN_xiong_318	224	C/T
UN_xiong_335	131	A/G
UN_xiong_335	161	G/T
UN_xiong_335	233	C/T
UN_xiong_335	316	T/C
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UN_xiong_335	548	G/A
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UN_xiong_342	516	T/C
UN_xiong_342	589	T/C
UN_xiong_342	622	G/A
UN_xiong_342	659	C/T
UN_xiong_342	790	A/G
UN_xiong_353	203	C/T
UN_xiong_354	72	T/A
UN_xiong_357	15	T/C
UN_xiong_357	179	T/A
UN_xiong_361	335	C/T
UN_xiong_369	461	T/G
UN_xiong_371	29	G/T
UN_xiong_373	125	A/T

UN_xiong_373	162	C/A
UN_xiong_376	85	T/C
UN_xiong_379	316	T/C
UN_xiong_379	489	C/T
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UN_xiong_386	25	C/G
UN_xiong_389	196	A/G
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UN_xiong_419	239	C/A
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UN_xiong_432	703	A/G
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UN_xiong_444	253	C/T
UN_xiong_444	436	A/G
UN_xiong_444	573	T/C
UN_xiong_460	187	G/A
UN_xiong_460	309	G/C
UN_xiong_465	55	C/T
UN_xiong_465	99	T/C
UN_xiong_465	153	G/C
UN_xiong_465	322	A/C
UN_xiong_469	220	A/G
UN_xiong_473	29	G/C
UN_xiong_473	169	C/G
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UN_xiong_473	316	G/A
UN_xiong_473	350	T/A
UN_xiong_483	23	T/C
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UN_xiong_485	384	G/A
UN_xiong_488	438	G/A
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UN_xiong_499	361	T/G
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UN_xiong_557	294	T/C
UN_xiong_569	207	G/A
UN_xiong_569	244	A/G
UN_xiong_579	662	T/C
UN_xiong_582	161	G/A
UN_xiong_582	186	C/A

UN_xiong_582	245	T/C
UN_xiong_582	295	T/C
UN_xiong_582	322	T/C
UN_xiong_582	404	C/T
UN_xiong_582	454	A/G
UN_xiong_582	504	T/C
UN_xiong_582	526	T/C
UN_xiong_582	555	T/C
UN_xiong_582	671	T/C
UN_xiong_586	228	C/T
UN_xiong_588	43	G/T
UN_xiong_588	233	C/T
UN_xiong_588	356	T/C
UN_xiong_588	386	A/G
UN_xiong_589	11	G/T
UN_xiong_589	53	A/G
UN_xiong_595	121	T/A
UN_xiong_597	56	T/C
UN_xiong_607	390	A/G
UN_xiong_618	42	T/C
UN_xiong_621	196	A/G
UN_xiong_621	237	T/A
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UN_xiong_629	13	T/A
UN_xiong_629	64	C/T
UN_xiong_629	105	A/G
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UN_xiong_637	138	C/T
UN_xiong_641	316	C/T
UN_xiong_644	121	C/T
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UN_xiong_662	602	T/C
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UN_xiong_688	392	T/C
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UN_xiong_710	98	A/G
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UN_xiong_710	155	T/C
UN_xiong_710	196	T/A
UN_xiong_710	221	A/G
UN_xiong_710	244	A/T
UN_xiong_710	271	T/C

UN_xiong_710	292	T/G
UN_xiong_710	314	T/C
UN_xiong_710	338	T/C
UN_xiong_710	376	T/C
UN_xiong_710	400	T/C
UN_xiong_710	423	A/T
UN_xiong_710	449	A/G
UN_xiong_710	476	G/A
UN_xiong_710	505	G/T
UN_xiong_726	79	A/G
UN_xiong_734	258	T/G
UN_xiong_736	165	A/G
UN_xiong_743	16	A/G
UN_xiong_743	51	A/G
UN_xiong_743	240	G/A
UN_xiong_743	333	C/A
UN_xiong_743	394	A/C
UN_xiong_743	416	A/C
UN_xiong_743	476	G/A
UN_xiong_743	600	G/A
UN_xiong_743	631	G/A
UN_xiong_749	283	A/C
UN_xiong_751	121	T/C
UN_xiong_751	258	A/G
UN_xiong_751	292	T/C
UN_xiong_751	484	A/G
UN_xiong_751	631	G/A
UN_xiong_752	136	G/T
UN_xiong_759	349	C/T
UN_xiong_765	74	T/C
UN_xiong_765	168	C/T
UN_xiong_766	15	G/A
UN_xiong_766	450	G/A
UN_xiong_766	500	T/C
UN_xiong_766	622	T/C
UN_xiong_767	54	G/A
UN_xiong_772	68	G/A
UN_xiong_785	149	A/G
UN_xiong_785	193	T/C
UN_xiong_790	160	A/G
UN_xiong_790	319	T/C
UN_xiong_790	397	T/C
UN_xiong_790	421	A/C
UN_xiong_790	621	T/C
UN_xiong_790	1013	T/C
UN_xiong_793	31	C/T
UN_xiong_804	348	T/A

UN_xiong_804	457	G/A
UN_xiong_805	351	A/G
UN_xiong_823	95	A/G
UN_xiong_829	247	G/A
UN_xiong_830	254	C/T
UN_xiong_838	455	A/G
UN_xiong_840	60	G/A
UN_xiong_840	263	G/A
UN_xiong_840	419	A/C
UN_xiong_840	832	C/T
UN_xiong_840	2183	A/G
UN_xiong_841	84	T/A
UN_xiong_841	142	G/A
UN_xiong_851	236	A/G
UN_xiong_851	314	G/A
UN_xiong_856	54	C/T
UN_xiong_861	169	C/T
UN_xiong_864	471	T/C
UN_xiong_864	525	A/G
UN_xiong_864	586	A/G
UN_xiong_864	650	C/A
UN_xiong_864	753	T/G
UN_xiong_864	914	T/C
UN_xiong_864	953	C/G
UN_xiong_865	388	T/C
UN_xiong_866	428	A/G
UN_xiong_866	585	A/G
UN_xiong_867	139	G/A
UN_xiong_867	289	A/G
UN_xiong_867	599	A/T
UN_xiong_868	135	T/C
UN_xiong_868	192	T/G
UN_xiong_871	629	T/A
UN_xiong_871	666	T/C
UN_xiong_871	761	A/G
UN_xiong_871	781	G/A
UN_xiong_871	801	A/T
UN_xiong_871	822	T/A
UN_xiong_871	845	T/C
UN_xiong_871	865	A/G
UN_xiong_871	889	A/T
UN_xiong_871	920	T/C
UN_xiong_871	945	T/C
UN_xiong_871	965	T/C
UN_xiong_871	985	A/T
UN_xiong_871	1006	A/G
UN_xiong_871	1036	A/G

UN_xiong_871	1057	T/C
UN_xiong_871	1077	C/A
UN_xiong_876	228	A/T
UN_xiong_876	268	T/C
UN_xiong_876	299	G/A
UN_xiong_889	42	A/C
UN_xiong_889	154	G/A
UN_xiong_894	245	T/G
UN_xiong_897	404	T/C
UN_xiong_897	598	A/G
UN_xiong_901	159	G/T
UN_xiong_901	620	G/A
UN_xiong_901	1000	A/G
UN_xiong_901	1171	T/C
UN_xiong_901	1556	A/G
UN_xiong_912	187	G/A
UN_xiong_912	367	A/T
UN_xiong_924	263	G/C
UN_xiong_924	459	A/G
UN_xiong_924	563	C/T
UN_xiong_924	651	C/T
UN_xiong_924	719	A/G
UN_xiong_932	26	A/G
UN_xiong_937	685	A/G
UN_xiong_942	251	A/G
UN_xiong_942	272	T/C
UN_xiong_942	324	A/G
UN_xiong_946	766	G/A
UN_xiong_948	126	T/C
UN_xiong_948	307	C/T
UN_xiong_948	368	A/G
UN_xiong_949	53	C/A
UN_xiong_949	75	C/T
UN_xiong_949	96	T/C
UN_xiong_949	122	A/G
UN_xiong_949	147	A/G
UN_xiong_949	167	A/G
UN_xiong_949	188	T/C
UN_xiong_949	212	T/C
UN_xiong_949	233	A/G
UN_xiong_949	256	C/T
UN_xiong_949	276	A/G
UN_xiong_949	296	G/A
UN_xiong_949	318	C/G
UN_xiong_949	338	G/A
UN_xiong_949	362	A/G
UN_xiong_949	384	T/C

UN_xiong_949	409	A/G
UN_xiong_949	442	T/A
UN_xiong_949	471	C/A
UN_xiong_957	14	C/T
UN_xiong_959	129	A/T
UN_xiong_965	103	A/T
UN_xiong_965	261	T/C
UN_xiong_965	310	T/C
UN_xiong_965	376	G/A
UN_xiong_965	397	A/G
UN_xiong_965	433	A/G
UN_xiong_967	154	A/G
UN_xiong_967	230	T/C
UN_xiong_967	373	A/G
UN_xiong_972	8	C/T
UN_xiong_972	48	G/A
UN_xiong_972	463	A/G
UN_xiong_972	569	T/G
UN_xiong_972	627	T/C
UN_xiong_972	685	A/G
UN_xiong_974	45	G/A
UN_xiong_980	511	C/T
UN_xiong_983	491	T/C
UN_xiong_983	719	T/C
UN_xiong_988	309	C/T
UN_xiong_988	348	C/T
UN_xiong_988	381	G/T
UN_xiong_989	129	C/T
UN_xiong_990	144	C/T
UN_xiong_997	54	T/C
UN_xiong_999	216	A/G
UN_xiong_1001	97	G/A
UN_xiong_1003	215	A/G
UN_xiong_1003	442	C/G
UN_xiong_1005	244	T/C
UN_xiong_1005	430	C/T
UN_xiong_1005	609	A/G
UN_xiong_1005	1124	T/C
UN_xiong_1016	168	A/G
UN_xiong_1027	100	G/A
UN_xiong_1038	470	T/C
UN_xiong_1043	156	A/G
UN_xiong_1043	354	T/G
UN_xiong_1049	134	A/T
UN_xiong_1049	326	A/G
UN_xiong_1052	192	G/T
UN_xiong_1057	164	G/A

UN_xiong_1060	202	T/C
UN_xiong_1078	137	G/A
UN_xiong_1085	226	C/G
UN_xiong_1091	214	C/T
UN_xiong_1091	456	A/C
UN_xiong_1092	203	A/C
UN_xiong_1102	247	T/C
UN_xiong_1105	30	G/A
UN_xiong_1105	74	A/T
UN_xiong_1105	196	G/A
UN_xiong_1113	498	G/A
UN_xiong_1113	542	T/C
UN_xiong_1113	781	C/T
UN_xiong_1113	880	C/T
UN_xiong_1129	169	T/C
UN_xiong_1129	248	C/T
UN_xiong_1141	220	T/C
UN_xiong_1162	84	G/C
UN_xiong_1164	207	T/C
UN_xiong_1167	101	A/G
UN_xiong_1167	647	C/T
UN_xiong_1167	761	T/C
UN_xiong_1167	786	T/C
UN_xiong_1170	91	A/G
UN_xiong_1174	89	A/G
UN_xiong_1174	152	A/G
UN_xiong_1174	258	C/G
UN_xiong_1174	279	A/G
UN_xiong_1174	314	T/C
UN_xiong_1176	72	A/C
UN_xiong_1179	295	A/T
UN_xiong_1191	51	T/A
UN_xiong_1191	158	A/G
UN_xiong_1196	365	G/A
UN_xiong_1197	42	A/G
UN_xiong_1199	201	C/T
UN_xiong_1201	550	G/A
UN_xiong_1201	573	T/C
UN_xiong_1201	834	T/C
UN_xiong_1201	1069	A/G
UN_xiong_1201	1269	G/A
UN_xiong_1201	1452	C/T
UN_xiong_1201	1555	A/C
UN_xiong_1225	15	G/A
UN_xiong_1226	456	T/G
UN_xiong_1226	556	A/G
UN_xiong_1226	616	A/G

UN_xiong_1226	681	T/A
UN_xiong_1226	818	T/C
UN_xiong_1239	51	A/G
UN_xiong_1241	721	T/C
UN_xiong_1246	263	C/A
UN_xiong_1246	358	T/C
UN_xiong_1246	430	T/C
UN_xiong_1247	188	T/C
UN_xiong_1247	348	A/G
UN_xiong_1247	417	C/T
UN_xiong_1247	449	A/T
UN_xiong_1247	533	G/A
UN_xiong_1247	611	G/A
UN_xiong_1263	335	T/C
UN_xiong_1264	66	C/T
UN_xiong_1264	130	T/C
UN_xiong_1267	510	A/G
UN_xiong_1267	559	A/G
UN_xiong_1267	916	T/C
UN_xiong_1270	300	T/C
UN_xiong_1271	396	T/A
UN_xiong_1271	418	T/C
UN_xiong_1271	450	T/C
UN_xiong_1272	371	T/C
UN_xiong_1279	72	C/T
UN_xiong_1279	444	T/C
UN_xiong_1280	251	G/T
UN_xiong_1280	425	C/G
UN_xiong_1280	804	A/G
UN_xiong_1280	926	G/T
UN_xiong_1280	950	A/C
UN_xiong_1280	1151	G/T
UN_xiong_1281	877	T/C
UN_xiong_1287	74	G/A
UN_xiong_1287	278	C/T
UN_xiong_1291	163	C/T
UN_xiong_1293	235	T/C
UN_xiong_1293	270	G/A
UN_xiong_1293	359	G/A
UN_xiong_1293	485	A/T
UN_xiong_1293	591	G/A
UN_xiong_1293	616	A/G
UN_xiong_1293	702	C/T
UN_xiong_1298	41	G/C
UN_xiong_1298	139	T/G
UN_xiong_1300	257	G/A
UN_xiong_1300	336	T/C

UN_xiong_1306	147	A/G
UN_xiong_1308	412	A/G
UN_xiong_1314	73	G/C
UN_xiong_1325	23	T/C
UN_xiong_1325	163	G/T
UN_xiong_1333	53	A/G
UN_xiong_1333	119	A/C
UN_xiong_1333	181	A/G
UN_xiong_1333	445	C/A
UN_xiong_1341	12	A/G
UN_xiong_1341	128	G/A
UN_xiong_1342	109	C/T
UN_xiong_1364	218	G/A
UN_xiong_1364	300	G/A
UN_xiong_1364	560	T/C
UN_xiong_1364	587	A/T
UN_xiong_1364	670	C/T
UN_xiong_1373	37	T/A
UN_xiong_1376	122	A/G
UN_xiong_1376	212	C/T
UN_xiong_1381	379	T/C
UN_xiong_1381	469	G/T
UN_xiong_1381	599	T/C
UN_xiong_1381	631	C/T
UN_xiong_1386	162	T/G
UN_xiong_1387	554	C/T
UN_xiong_1392	283	T/A
UN_xiong_1392	656	G/A
UN_xiong_1392	773	A/T
UN_xiong_1392	1016	T/C
UN_xiong_1392	1188	T/C
UN_xiong_1392	1228	A/G
UN_xiong_1392	1320	T/C
UN_xiong_1392	1357	G/A
UN_xiong_1397	169	G/T
UN_xiong_1397	296	A/G
UN_xiong_1397	339	A/G
UN_xiong_1397	368	A/G
UN_xiong_1397	421	C/T
UN_xiong_1397	444	A/G
UN_xiong_1397	468	T/C
UN_xiong_1397	488	A/G
UN_xiong_1397	510	T/C
UN_xiong_1397	532	A/G
UN_xiong_1397	561	A/G
UN_xiong_1397	584	G/A
UN_xiong_1397	610	T/C

UN_xiong_1397	646	A/G
UN_xiong_1397	671	T/A
UN_xiong_1397	783	C/A
UN_xiong_1397	878	A/T
UN_xiong_1397	1021	C/A
UN_xiong_1410	64	A/G
UN_xiong_1410	154	A/T
UN_xiong_1411	335	A/G
UN_xiong_1428	185	A/G
UN_xiong_1436	64	A/G
UN_xiong_1436	436	A/G
UN_xiong_1438	35	T/C
UN_xiong_1438	101	C/A
UN_xiong_1438	265	G/C
UN_xiong_1438	288	C/T
UN_xiong_1438	311	T/C
UN_xiong_1438	354	G/C
UN_xiong_1438	420	T/C
UN_xiong_1441	343	T/C
UN_xiong_1445	61	G/A
UN_xiong_1445	336	G/T
UN_xiong_1445	699	T/G
UN_xiong_1452	329	A/G
UN_xiong_1460	279	G/T
UN_xiong_1463	591	A/G
UN_xiong_1469	392	T/C
UN_xiong_1478	46	T/C
UN_xiong_1483	443	G/A
UN_xiong_1492	197	A/T
UN_xiong_1492	253	A/T
UN_xiong_1492	303	G/T
UN_xiong_1494	339	G/A
UN_xiong_1494	387	T/A
UN_xiong_1494	564	T/C
UN_xiong_1496	283	G/A
UN_xiong_1496	365	T/C
UN_xiong_1498	84	A/G
UN_xiong_1498	188	A/G
UN_xiong_1498	328	G/A
UN_xiong_1498	351	C/G
UN_xiong_1510	34	G/T
UN_xiong_1512	288	A/T
UN_xiong_1513	706	C/G
UN_xiong_1517	617	G/A
UN_xiong_1525	86	G/A
UN_xiong_1525	300	A/G
UN_xiong_1525	539	A/T

UN_xiong_1528	537	T/C
UN_xiong_1528	642	T/C
UN_xiong_1548	147	C/G
UN_xiong_1551	492	A/G
UN_xiong_1551	522	T/C
UN_xiong_1551	667	T/C
UN_xiong_1551	693	G/T
UN_xiong_1551	780	A/G
UN_xiong_1551	822	A/G
UN_xiong_1551	891	T/A
UN_xiong_1551	1174	C/T
UN_xiong_1557	208	C/G
UN_xiong_1557	366	C/T
UN_xiong_1570	696	A/G
UN_xiong_1570	717	C/A
UN_xiong_1573	15	T/C
UN_xiong_1579	58	C/T
UN_xiong_1580	181	A/C
UN_xiong_1586	100	A/G
UN_xiong_1586	181	A/G
UN_xiong_1586	251	A/G
UN_xiong_1586	287	A/G
UN_xiong_1586	481	G/T
UN_xiong_1587	85	G/A
UN_xiong_1587	184	C/T
UN_xiong_1593	211	C/T
UN_xiong_1593	246	A/G
UN_xiong_1593	375	G/A
UN_xiong_1593	431	A/G
UN_xiong_1593	511	A/G
UN_xiong_1593	627	G/A
UN_xiong_1593	721	A/G
UN_xiong_1593	797	G/C
UN_xiong_1596	447	T/A
UN_xiong_1599	31	A/G
UN_xiong_1599	51	C/T
UN_xiong_1599	103	A/G
UN_xiong_1599	150	A/G
UN_xiong_1599	201	A/G
UN_xiong_1599	235	A/T
UN_xiong_1599	310	A/T
UN_xiong_1599	404	G/A
UN_xiong_1599	446	A/G
UN_xiong_1599	505	A/G
UN_xiong_1599	550	T/C
UN_xiong_1599	599	G/A
UN_xiong_1599	707	C/A

UN_xiong_1602	457	T/A
UN_xiong_1602	874	T/C
UN_xiong_1603	79	C/T
UN_xiong_1603	145	A/G
UN_xiong_1603	222	G/T
UN_xiong_1603	281	G/T
UN_xiong_1603	341	A/G
UN_xiong_1603	411	T/C
UN_xiong_1607	311	C/T
UN_xiong_1608	77	A/T
UN_xiong_1611	299	G/A
UN_xiong_1619	337	A/C
UN_xiong_1619	393	T/A
UN_xiong_1619	419	C/A
UN_xiong_1619	448	G/T
UN_xiong_1620	264	A/G
UN_xiong_1620	306	A/G
UN_xiong_1623	71	C/T
UN_xiong_1628	154	T/C
UN_xiong_1628	512	G/A
UN_xiong_1637	131	T/C
UN_xiong_1637	217	T/A
UN_xiong_1637	337	C/T
UN_xiong_1639	403	A/G
UN_xiong_1641	102	G/A
UN_xiong_1641	124	T/C
UN_xiong_1642	195	A/G
UN_xiong_1646	632	A/G
UN_xiong_1654	313	T/A
UN_xiong_1654	405	C/A
UN_xiong_1657	522	A/G
UN_xiong_1657	588	C/T
UN_xiong_1657	1457	T/C
UN_xiong_1657	1484	A/G
UN_xiong_1660	150	A/G
UN_xiong_1676	17	A/G
UN_xiong_1676	141	C/T
UN_xiong_1682	349	A/G
UN_xiong_1683	152	T/A
UN_xiong_1683	173	A/G
UN_xiong_1685	345	T/C
UN_xiong_1685	608	C/T
UN_xiong_1685	705	A/G
UN_xiong_1686	187	C/T
UN_xiong_1690	317	G/A
UN_xiong_1692	83	G/A
UN_xiong_1704	16	T/C

UN_xiong_1704	162	A/T
UN_xiong_1705	94	G/C
UN_xiong_1714	288	A/G
UN_xiong_1726	98	T/C
UN_xiong_1726	123	T/G
UN_xiong_1726	157	G/A
UN_xiong_1741	283	C/T
UN_xiong_1750	289	T/C
UN_xiong_1750	707	A/G
UN_xiong_1752	46	A/G
UN_xiong_1756	345	C/T
UN_xiong_1761	604	A/T
UN_xiong_1775	122	T/C
UN_xiong_1775	233	A/G
UN_xiong_1785	167	G/A
UN_xiong_1785	230	T/C
UN_xiong_1807	115	C/T
UN_xiong_1807	162	C/T
UN_xiong_1807	203	T/C
UN_xiong_1807	226	T/C
UN_xiong_1807	360	A/G
UN_xiong_1807	412	T/A
UN_xiong_1812	15	C/T
UN_xiong_1814	6	C/T
UN_xiong_1814	33	T/C
UN_xiong_1814	103	A/G
UN_xiong_1814	220	T/C
UN_xiong_1814	871	T/C
UN_xiong_1814	999	A/C
UN_xiong_1814	1151	G/A
UN_xiong_1819	433	C/G
UN_xiong_1820	42	A/C
UN_xiong_1826	51	A/G
UN_xiong_1831	92	G/T
UN_xiong_1831	446	C/T
UN_xiong_1841	27	T/C
UN_xiong_1841	338	G/C
UN_xiong_1841	454	A/C
UN_xiong_1842	777	G/A
UN_xiong_1842	841	C/T
UN_xiong_1842	886	T/C
UN_xiong_1850	88	A/G
UN_xiong_1850	249	T/C
UN_xiong_1850	282	G/A
UN_xiong_1850	326	A/G
UN_xiong_1850	530	A/G
UN_xiong_1869	340	G/A

UN_xiong_1875	15	C/T
UN_xiong_1875	207	T/C
UN_xiong_1875	563	A/G
UN_xiong_1875	640	C/T
UN_xiong_1875	696	A/G
UN_xiong_1875	721	G/A
UN_xiong_1880	265	A/G
UN_xiong_1881	358	G/A
UN_xiong_1902	290	C/T
UN_xiong_1904	14	C/T
UN_xiong_1904	78	T/C
UN_xiong_1904	167	G/A
UN_xiong_1904	202	T/G
UN_xiong_1904	235	T/C
UN_xiong_1904	602	G/A
UN_xiong_1913	216	G/T
UN_xiong_1913	378	C/T
UN_xiong_1913	668	A/T
UN_xiong_1913	696	A/G
UN_xiong_1913	734	T/C
UN_xiong_1913	793	C/T
UN_xiong_1913	929	A/G
UN_xiong_1913	969	G/A
UN_xiong_1913	1042	A/G
UN_xiong_1913	1153	G/A
UN_xiong_1913	1303	T/C
UN_xiong_1920	700	T/C
UN_xiong_1939	295	A/G
UN_xiong_1942	219	G/A
UN_xiong_1942	1312	C/T
UN_xiong_1942	1523	G/A
UN_xiong_1952	101	G/T
UN_xiong_1952	279	G/A
UN_xiong_1958	101	T/C
UN_xiong_1958	168	G/A
UN_xiong_1958	241	C/T
UN_xiong_1959	259	T/A
UN_xiong_1959	340	C/T
UN_xiong_1978	222	G/A
UN_xiong_1982	126	C/T
UN_xiong_1982	325	G/A
UN_xiong_1987	467	C/T
UN_xiong_1987	852	T/C
UN_xiong_1987	874	A/G
UN_xiong_1987	1020	C/T
UN_xiong_1990	756	C/T
UN_xiong_1990	838	C/T

UN_xiong_1990	942	T/C
UN_xiong_1990	965	G/A
UN_xiong_1990	1198	A/G
UN_xiong_1990	1320	T/C
UN_xiong_1990	1382	T/C
UN_xiong_1990	1506	G/A
UN_xiong_1990	1646	G/T
UN_xiong_1994	171	A/G
UN_xiong_2000	211	A/G
UN_xiong_2000	349	T/C
UN_xiong_2000	712	T/C
UN_xiong_2000	937	T/C
UN_xiong_2000	1002	A/G
UN_xiong_2000	1056	A/G
UN_xiong_2016	300	C/A
UN_xiong_2016	473	A/G
UN_xiong_2016	509	A/G
UN_xiong_2016	687	T/C
UN_xiong_2024	208	C/T
UN_xiong_2024	287	T/C
UN_xiong_2024	337	T/C
UN_xiong_2024	394	C/T
UN_xiong_2024	585	C/A
UN_xiong_2024	697	A/G
UN_xiong_2024	765	T/C
UN_xiong_2026	91	C/T
UN_xiong_2032	511	A/T
UN_xiong_2035	125	A/G
UN_xiong_2035	253	A/G
UN_xiong_2037	440	T/C
UN_xiong_2037	610	T/G
UN_xiong_2037	635	T/C
UN_xiong_2052	428	T/G
UN_xiong_2054	95	G/T
UN_xiong_2062	12	A/T
UN_xiong_2063	322	C/T
UN_xiong_2077	253	G/T
UN_xiong_2077	339	G/A
UN_xiong_2086	193	G/A
UN_xiong_2086	583	G/A
UN_xiong_2086	1121	G/T
UN_xiong_2088	122	T/C
UN_xiong_2091	196	C/T
UN_xiong_2098	77	C/T
UN_xiong_2098	117	G/T
UN_xiong_2098	215	G/A
UN_xiong_2098	293	T/C

UN_xiong_2098	522	C/G
UN_xiong_2098	624	T/G
UN_xiong_2098	644	A/C
UN_xiong_2099	45	A/G
UN_xiong_2099	118	T/C
UN_xiong_2099	398	A/C
UN_xiong_2100	91	G/A
UN_xiong_2103	40	A/G
UN_xiong_2106	224	G/T
UN_xiong_2109	116	A/G
UN_xiong_2119	303	C/T
UN_xiong_2127	83	C/T
UN_xiong_2129	200	A/G
UN_xiong_2138	62	T/G
UN_xiong_2138	114	A/G
UN_xiong_2138	134	T/C
UN_xiong_2154	28	C/T
UN_xiong_2154	90	C/T
UN_xiong_2157	430	C/T
UN_xiong_2168	155	T/C
UN_xiong_2181	221	T/C
UN_xiong_2181	365	T/C
UN_xiong_2181	472	A/G
UN_xiong_2182	282	G/A
UN_xiong_2186	231	G/C
UN_xiong_2186	480	A/G
UN_xiong_2198	381	T/C
UN_xiong_2198	408	C/T
UN_xiong_2198	435	T/C
UN_xiong_2198	460	A/G
UN_xiong_2198	480	G/A
UN_xiong_2203	294	A/G
UN_xiong_2209	111	A/T
UN_xiong_2209	160	A/G
UN_xiong_2213	210	G/A
UN_xiong_2213	233	A/C
UN_xiong_2213	362	T/C
UN_xiong_2216	168	T/A
UN_xiong_2218	646	C/T
UN_xiong_2218	780	T/C
UN_xiong_2237	53	A/G
UN_xiong_2237	73	A/G
UN_xiong_2237	957	G/A
UN_xiong_2239	337	G/A
UN_xiong_2241	160	T/C
UN_xiong_2248	623	A/G
UN_xiong_2251	449	A/G

UN_xiong_2265	501	A/G
UN_xiong_2265	805	G/A
UN_xiong_2265	989	A/G
UN_xiong_2265	1232	C/T
UN_xiong_2266	362	C/A
UN_xiong_2269	129	T/C
UN_xiong_2277	571	C/T
UN_xiong_2283	300	T/A
UN_xiong_2284	285	A/G
UN_xiong_2284	313	A/G
UN_xiong_2288	304	C/T
UN_xiong_2307	179	C/T
UN_xiong_2307	402	A/G
UN_xiong_2313	137	T/C
UN_xiong_2313	176	T/C
UN_xiong_2317	105	A/C
UN_xiong_2317	291	A/G
UN_xiong_2317	314	A/G
UN_xiong_2317	408	T/C
UN_xiong_2317	479	T/G
UN_xiong_2317	506	T/C
UN_xiong_2317	561	A/C
UN_xiong_2320	61	G/A
UN_xiong_2320	299	C/T
UN_xiong_2324	772	C/T
UN_xiong_2325	99	C/T
UN_xiong_2325	125	G/A
UN_xiong_2338	735	T/C
UN_xiong_2340	265	A/G
UN_xiong_2340	749	T/C
UN_xiong_2346	382	G/A
UN_xiong_2353	376	G/A
UN_xiong_2360	252	A/G
UN_xiong_2360	331	A/G
UN_xiong_2368	67	G/T
UN_xiong_2368	126	A/G
UN_xiong_2368	260	C/T
UN_xiong_2368	652	T/C
UN_xiong_2369	452	A/G
UN_xiong_2374	302	A/C
UN_xiong_2382	693	T/G
UN_xiong_2382	947	T/C
UN_xiong_2382	1247	A/G
UN_xiong_2399	22	G/C
UN_xiong_2399	132	T/G
UN_xiong_2404	473	A/G
UN_xiong_2408	265	T/C

UN_xiong_2408	298	T/C
UN_xiong_2413	478	A/G
UN_xiong_2416	452	G/A
UN_xiong_2417	486	T/C
UN_xiong_2427	562	G/C
UN_xiong_2429	221	C/A
UN_xiong_2429	267	T/A
UN_xiong_2435	770	C/T
UN_xiong_2435	822	A/G
UN_xiong_2438	265	A/G
UN_xiong_2442	208	A/G
UN_xiong_2446	133	G/C
UN_xiong_2454	248	T/C
UN_xiong_2454	298	C/T
UN_xiong_2460	187	G/C
UN_xiong_2463	133	G/A
UN_xiong_2467	347	G/T
UN_xiong_2470	335	C/T
UN_xiong_2472	70	C/T
UN_xiong_2480	136	A/G
UN_xiong_2481	286	A/G
UN_xiong_2483	321	A/G
UN_xiong_2493	173	C/T
UN_xiong_2509	237	A/T
UN_xiong_2510	285	A/G
UN_xiong_2515	418	A/G
UN_xiong_2519	176	G/A
UN_xiong_2519	205	C/T
UN_xiong_2519	393	T/C
UN_xiong_2519	463	C/T
UN_xiong_2519	487	T/C
UN_xiong_2519	618	A/C
UN_xiong_2519	686	A/C
UN_xiong_2519	753	G/A
UN_xiong_2519	927	G/C
UN_xiong_2519	956	T/A
UN_xiong_2519	982	A/G
UN_xiong_2519	1003	T/A
UN_xiong_2520	40	C/T
UN_xiong_2521	551	T/C
UN_xiong_2521	619	G/A
UN_xiong_2521	770	A/G
UN_xiong_2521	934	A/C
UN_xiong_2522	112	A/G
UN_xiong_2522	279	C/A
UN_xiong_2523	61	A/G
UN_xiong_2524	49	T/A

UN_xiong_2530	728	C/T
UN_xiong_2530	894	G/A
UN_xiong_2534	372	T/C
UN_xiong_2540	32	A/G
UN_xiong_2555	67	G/C
UN_xiong_2555	155	T/G
UN_xiong_2555	184	T/C
UN_xiong_2555	313	A/G
UN_xiong_2555	383	G/A
UN_xiong_2558	183	T/A
UN_xiong_2558	374	T/C
UN_xiong_2562	463	A/G
UN_xiong_2569	329	T/C
UN_xiong_2575	155	G/A
UN_xiong_2577	385	A/T
UN_xiong_2580	97	T/A
UN_xiong_2580	185	T/C
UN_xiong_2593	421	C/G
UN_xiong_2593	442	A/T
UN_xiong_2604	56	A/G
UN_xiong_2605	260	A/T
UN_xiong_2606	138	A/G
UN_xiong_2606	231	G/A
UN_xiong_2608	444	C/T
UN_xiong_2611	116	A/G
UN_xiong_2611	207	T/C
UN_xiong_2611	315	C/T
UN_xiong_2611	383	T/A
UN_xiong_2611	473	T/C
UN_xiong_2611	574	C/A
UN_xiong_2622	48	T/C
UN_xiong_2622	342	A/G
UN_xiong_2623	262	C/A
UN_xiong_2636	23	G/C
UN_xiong_2636	53	T/A
UN_xiong_2636	90	G/A
UN_xiong_2637	13	G/T
UN_xiong_2637	38	G/T
UN_xiong_2637	105	A/G
UN_xiong_2637	148	T/A
UN_xiong_2637	186	G/A
UN_xiong_2637	251	A/G
UN_xiong_2637	296	G/A
UN_xiong_2638	248	G/A
UN_xiong_2639	116	G/T
UN_xiong_2649	405	C/T
UN_xiong_2649	452	A/G

UN_xiong_2649	515	C/T
UN_xiong_2649	636	T/C
UN_xiong_2652	55	G/A
UN_xiong_2656	65	T/G
UN_xiong_2656	104	C/T
UN_xiong_2656	163	A/G
UN_xiong_2656	203	G/A
UN_xiong_2656	260	A/G
UN_xiong_2656	283	A/G
UN_xiong_2656	310	T/C
UN_xiong_2656	343	A/G
UN_xiong_2656	369	C/T
UN_xiong_2656	392	A/T
UN_xiong_2656	417	T/C
UN_xiong_2662	265	C/T
UN_xiong_2662	409	A/G
UN_xiong_2662	519	T/C
UN_xiong_2662	566	A/G
UN_xiong_2662	591	C/A
UN_xiong_2663	59	G/T
UN_xiong_2663	93	A/T
UN_xiong_2663	300	A/G
UN_xiong_2677	237	C/A
UN_xiong_2677	375	T/A
UN_xiong_2677	701	C/T
UN_xiong_2689	600	G/A
UN_xiong_2689	1176	G/T
UN_xiong_2706	367	G/A
UN_xiong_2708	296	G/A
UN_xiong_2710	45	T/C
UN_xiong_2714	101	C/T
UN_xiong_2714	218	A/T
UN_xiong_2714	320	C/T
UN_xiong_2714	489	A/G
UN_xiong_2714	579	A/G
UN_xiong_2724	61	C/A
UN_xiong_2724	175	G/T
UN_xiong_2725	251	C/T
UN_xiong_2729	400	C/T
UN_xiong_2729	585	T/A
UN_xiong_2732	69	G/C
UN_xiong_2732	187	C/T
UN_xiong_2737	313	C/T
UN_xiong_2742	32	C/T
UN_xiong_2742	54	A/G
UN_xiong_2742	224	T/C
UN_xiong_2742	553	A/G

UN_xiong_2742	625	A/G
UN_xiong_2752	468	A/C
UN_xiong_2764	91	A/G
UN_xiong_2771	120	A/G
UN_xiong_2773	214	A/G
UN_xiong_2773	266	T/C
UN_xiong_2773	329	T/C
UN_xiong_2777	97	A/T
UN_xiong_2783	122	A/T
UN_xiong_2791	334	C/A
UN_xiong_2792	115	A/G
UN_xiong_2793	437	T/A
UN_xiong_2796	624	G/C
UN_xiong_2800	247	C/A
UN_xiong_2807	195	C/A
UN_xiong_2808	30	G/A
UN_xiong_2815	314	A/T
UN_xiong_2815	341	A/G
UN_xiong_2818	874	T/G
UN_xiong_2825	150	G/T
UN_xiong_2825	310	C/T
UN_xiong_2825	370	G/T
UN_xiong_2826	101	A/G
UN_xiong_2826	241	A/T
UN_xiong_2826	270	T/C
UN_xiong_2826	298	T/C
UN_xiong_2826	428	T/C
UN_xiong_2848	55	G/A
UN_xiong_2848	78	T/A
UN_xiong_2848	144	G/A
UN_xiong_2848	241	G/A
UN_xiong_2848	275	A/G
UN_xiong_2848	308	A/C
UN_xiong_2848	352	C/T
UN_xiong_2848	453	T/C
UN_xiong_2848	477	A/G
UN_xiong_2848	540	A/G
UN_xiong_2848	581	A/T
UN_xiong_2848	602	A/G
UN_xiong_2848	656	T/C
UN_xiong_2848	683	T/C
UN_xiong_2849	556	A/G
UN_xiong_2849	693	T/C
UN_xiong_2849	799	A/G
UN_xiong_2849	833	C/A
UN_xiong_2850	214	T/G
UN_xiong_2850	1281	T/C

UN_xiong_2857	278	C/T
UN_xiong_2875	143	A/G
UN_xiong_2877	521	T/C
UN_xiong_2877	688	A/G
UN_xiong_2877	732	A/G
UN_xiong_2880	191	C/T
UN_xiong_2882	557	C/T
UN_xiong_2887	208	A/G
UN_xiong_2887	375	G/A
UN_xiong_2887	567	T/C
UN_xiong_2889	271	T/C
UN_xiong_2896	89	G/A
UN_xiong_2918	335	G/C
UN_xiong_2918	407	G/C
UN_xiong_2918	444	C/G
UN_xiong_2941	197	A/G
UN_xiong_2941	224	T/C
UN_xiong_2958	214	A/G
UN_xiong_2962	149	A/T
UN_xiong_2964	36	T/C
UN_xiong_2965	48	A/G
UN_xiong_2973	18	G/C
UN_xiong_2973	110	T/A
UN_xiong_2973	294	C/T
UN_xiong_2983	300	A/G
UN_xiong_2996	276	G/A
UN_xiong_2996	468	A/G
UN_xiong_3002	333	T/C
UN_xiong_3008	538	T/C
UN_xiong_3015	556	G/C
UN_xiong_3021	360	G/A
UN_xiong_3029	540	G/A
UN_xiong_3032	141	T/C
UN_xiong_3032	245	G/A
UN_xiong_3043	83	A/C
UN_xiong_3047	138	G/A
UN_xiong_3047	309	A/G
UN_xiong_3047	336	A/G
UN_xiong_3047	510	G/A
UN_xiong_3047	684	C/T
UN_xiong_3047	741	A/G
UN_xiong_3068	326	T/C
UN_xiong_3076	247	G/T
UN_xiong_3079	123	G/T
UN_xiong_3079	170	G/C
UN_xiong_3079	251	T/C
UN_xiong_3084	111	A/G

UN_xiong_3099	187	C/T
UN_xiong_3105	194	A/T
UN_xiong_3105	420	C/T
UN_xiong_3105	488	G/A
UN_xiong_3105	591	A/G
UN_xiong_3105	756	A/G
UN_xiong_3105	923	G/A
UN_xiong_3105	964	A/G
UN_xiong_3107	55	A/G
UN_xiong_3109	125	A/G
UN_xiong_3114	116	T/C
UN_xiong_3114	182	A/G
UN_xiong_3117	346	T/C
UN_xiong_3117	385	C/T
UN_xiong_3118	182	T/C
UN_xiong_3124	100	C/T
UN_xiong_3126	186	T/C
UN_xiong_3126	242	T/C
UN_xiong_3126	307	G/C
UN_xiong_3126	362	C/T
UN_xiong_3126	383	C/T
UN_xiong_3126	460	T/C
UN_xiong_3126	514	A/G
UN_xiong_3126	593	G/A
UN_xiong_3126	620	C/T
UN_xiong_3126	650	C/G
UN_xiong_3126	957	T/C
UN_xiong_3126	1098	C/T
UN_xiong_3128	643	T/C
UN_xiong_3140	15	A/G
UN_xiong_3140	66	C/T
UN_xiong_3140	125	G/T
UN_xiong_3140	558	T/A
UN_xiong_3143	33	C/A
UN_xiong_3143	82	G/A
UN_xiong_3143	388	A/G
UN_xiong_3157	167	A/G
UN_xiong_3161	539	T/A
UN_xiong_3180	306	G/A
UN_xiong_3181	723	G/A
UN_xiong_3181	773	T/C
UN_xiong_3184	176	T/G
UN_xiong_3193	31	T/C
UN_xiong_3200	328	G/T
UN_xiong_3201	267	T/G
UN_xiong_3201	418	C/T
UN_xiong_3203	201	T/G

UN_xiong_3203	288	C/T
UN_xiong_3210	26	T/A
UN_xiong_3212	369	C/T
UN_xiong_3231	392	T/A
UN_xiong_3231	434	C/T
UN_xiong_3244	159	A/G
UN_xiong_3245	535	A/G
UN_xiong_3245	583	A/G
UN_xiong_3252	155	G/A
UN_xiong_3253	194	C/T
UN_xiong_3265	308	T/C
UN_xiong_3265	384	C/T
UN_xiong_3265	540	C/T
UN_xiong_3266	165	T/G
UN_xiong_3271	268	T/C
UN_xiong_3271	308	T/C
UN_xiong_3271	508	G/T
UN_xiong_3272	65	T/C
UN_xiong_3272	813	C/A
UN_xiong_3282	282	T/A
UN_xiong_3293	275	G/A
UN_xiong_3293	489	A/G
UN_xiong_3293	519	T/C
UN_xiong_3299	317	C/T
UN_xiong_3320	593	A/G
UN_xiong_3320	1041	C/T
UN_xiong_3320	1166	G/A
UN_xiong_3320	1282	T/C
UN_xiong_3321	198	A/C
UN_xiong_3321	352	C/A
UN_xiong_3323	312	G/A
UN_xiong_3326	673	T/A
UN_xiong_3327	116	G/A
UN_xiong_3340	110	C/T
UN_xiong_3351	169	A/G
UN_xiong_3351	202	A/G
UN_xiong_3369	455	A/T
UN_xiong_3369	476	A/G
UN_xiong_3369	765	G/T
UN_xiong_3369	942	C/T
UN_xiong_3369	1080	T/C
UN_xiong_3369	1136	T/C
UN_xiong_3378	29	T/C
UN_xiong_3378	175	A/G
UN_xiong_3378	312	C/T
UN_xiong_3384	393	A/T
UN_xiong_3384	485	T/A

UN_xiong_3384	653	G/C
UN_xiong_3384	679	G/C
UN_xiong_3384	845	G/T
UN_xiong_3384	894	T/A
UN_xiong_3384	952	T/C
UN_xiong_3385	88	T/C
UN_xiong_3390	196	A/G
UN_xiong_3390	249	C/T
UN_xiong_3390	284	T/C
UN_xiong_3390	319	T/C
UN_xiong_3390	347	T/G
UN_xiong_3390	388	C/T
UN_xiong_3390	500	T/C
UN_xiong_3401	147	A/T
UN_xiong_3402	149	T/C
UN_xiong_3408	183	C/T
UN_xiong_3410	96	G/C
UN_xiong_3410	387	A/G
UN_xiong_3410	962	A/G
UN_xiong_3416	337	T/A
UN_xiong_3416	360	T/C
UN_xiong_3416	452	T/C
UN_xiong_3421	739	C/T
UN_xiong_3445	33	G/C
UN_xiong_3445	62	G/A
UN_xiong_3445	87	G/C
UN_xiong_3445	123	G/C
UN_xiong_3445	159	G/C
UN_xiong_3445	189	T/G
UN_xiong_3445	211	C/G
UN_xiong_3445	240	G/T
UN_xiong_3445	265	G/C
UN_xiong_3445	295	T/G
UN_xiong_3445	317	C/G
UN_xiong_3459	541	T/A
UN_xiong_3462	193	A/G
UN_xiong_3495	105	A/T
UN_xiong_3498	244	A/G
UN_xiong_3499	295	A/G
UN_xiong_3499	348	G/A
UN_xiong_3499	617	A/T
UN_xiong_3500	810	C/T
UN_xiong_3500	1102	A/G
UN_xiong_3500	1305	A/G
UN_xiong_3503	287	A/G
UN_xiong_3503	448	A/G
UN_xiong_3503	989	A/C

UN_xiong_3504	604	G/A
UN_xiong_3504	903	A/G
UN_xiong_3518	18	T/G
UN_xiong_3518	189	T/C
UN_xiong_3518	210	C/T
UN_xiong_3518	464	A/G
UN_xiong_3518	702	T/C
UN_xiong_3521	253	T/C
UN_xiong_3521	310	A/G
UN_xiong_3521	367	A/G
UN_xiong_3521	390	T/C
UN_xiong_3523	25	G/T
UN_xiong_3523	47	G/A
UN_xiong_3523	126	A/G
UN_xiong_3523	160	T/C
UN_xiong_3523	190	A/G
UN_xiong_3523	220	T/C
UN_xiong_3523	254	C/T
UN_xiong_3523	294	A/C
UN_xiong_3523	317	T/C
UN_xiong_3523	339	G/C
UN_xiong_3523	418	T/C
UN_xiong_3523	441	C/T
UN_xiong_3523	461	G/A
UN_xiong_3523	536	A/G
UN_xiong_3535	23	T/C
UN_xiong_3537	711	C/T
UN_xiong_3543	16	C/T
UN_xiong_3544	29	G/A
UN_xiong_3544	76	A/G
UN_xiong_3544	164	A/G
UN_xiong_3544	293	T/C
UN_xiong_3544	321	A/G
UN_xiong_3544	391	A/G
UN_xiong_3544	464	T/C
UN_xiong_3544	534	A/G
UN_xiong_3544	781	C/T
UN_xiong_3544	887	T/A
UN_xiong_3553	179	C/T
UN_xiong_3561	291	C/T
UN_xiong_3565	65	C/T
UN_xiong_3565	95	T/C
UN_xiong_3565	184	A/G
UN_xiong_3576	235	T/C
UN_xiong_3582	271	G/A
UN_xiong_3582	537	G/A
UN_xiong_3585	158	C/A

UN_xiong_3588	382	A/C
UN_xiong_3588	650	T/C
UN_xiong_3590	191	T/C
UN_xiong_3595	192	T/C
UN_xiong_3595	409	T/C
UN_xiong_3597	246	G/A
UN_xiong_3600	421	G/A
UN_xiong_3600	726	A/G
UN_xiong_3605	283	C/T
UN_xiong_3606	231	A/T
UN_xiong_3611	490	A/G
UN_xiong_3634	209	A/G
UN_xiong_3634	428	T/C
UN_xiong_3637	630	A/G
UN_xiong_3649	202	C/T
UN_xiong_3655	254	C/T
UN_xiong_3655	384	T/C
UN_xiong_3655	409	G/T
UN_xiong_3659	259	A/T
UN_xiong_3662	179	G/T
UN_xiong_3662	358	G/A
UN_xiong_3669	377	C/T
UN_xiong_3669	876	A/G
UN_xiong_3669	952	C/T
UN_xiong_3669	1051	A/T
UN_xiong_3669	1536	A/T
UN_xiong_3675	303	A/G
UN_xiong_3680	87	C/T
UN_xiong_3688	83	A/T
UN_xiong_3688	329	G/T
UN_xiong_3699	139	T/A
UN_xiong_3721	147	T/A
UN_xiong_3727	130	T/C
UN_xiong_3728	257	A/T
UN_xiong_3728	429	C/G
UN_xiong_3730	171	A/C
UN_xiong_3731	70	A/G
UN_xiong_3733	44	G/A
UN_xiong_3733	298	T/C
UN_xiong_3733	511	A/T
UN_xiong_3733	711	A/G
UN_xiong_3733	1371	G/A
UN_xiong_3733	1403	G/A
UN_xiong_3733	1437	G/A
UN_xiong_3733	1844	A/G
UN_xiong_3733	2061	T/G
UN_xiong_3733	2131	C/T

UN_xiong_3740	541	A/G
UN_xiong_3740	754	C/A
UN_xiong_3741	145	A/G
UN_xiong_3741	173	T/G
UN_xiong_3741	226	A/G
UN_xiong_3741	370	T/G
UN_xiong_3741	414	A/T
UN_xiong_3741	464	G/A
UN_xiong_3741	529	T/C
UN_xiong_3741	561	G/A
UN_xiong_3741	708	A/G
UN_xiong_3744	336	A/C
UN_xiong_3776	135	G/A
UN_xiong_3787	158	C/A
UN_xiong_3787	188	G/A
UN_xiong_3793	270	A/G
UN_xiong_3793	308	C/T
UN_xiong_3793	341	G/T
UN_xiong_3793	466	A/G
UN_xiong_3799	462	A/T
UN_xiong_3805	274	G/T
UN_xiong_3805	452	G/A
UN_xiong_3805	476	C/T
UN_xiong_3805	505	G/T
UN_xiong_3813	170	C/T
UN_xiong_3813	290	G/A
UN_xiong_3824	157	A/T
UN_xiong_3827	371	T/C
UN_xiong_3832	180	T/G
UN_xiong_3832	213	C/G
UN_xiong_3832	267	T/A
UN_xiong_3836	10	G/A
UN_xiong_3836	271	C/T
UN_xiong_3836	304	T/C
UN_xiong_3836	532	A/T
UN_xiong_3838	219	A/G
UN_xiong_3839	321	G/T
UN_xiong_3839	520	T/C
UN_xiong_3840	513	G/C
UN_xiong_3844	167	C/T
UN_xiong_3844	395	C/A
UN_xiong_3844	429	A/G
UN_xiong_3844	501	T/A
UN_xiong_3845	226	G/A
UN_xiong_3845	265	G/A
UN_xiong_3845	419	T/C
UN_xiong_3845	475	T/C

UN_xiong_3854	309	C/T
UN_xiong_3855	441	T/C
UN_xiong_3861	228	C/T
UN_xiong_3863	185	A/G
UN_xiong_3863	233	T/C
UN_xiong_3864	502	T/A
UN_xiong_3864	533	T/C
UN_xiong_3866	313	G/A
UN_xiong_3870	346	C/T
UN_xiong_3870	575	T/C
UN_xiong_3878	125	A/G
UN_xiong_3878	196	G/C
UN_xiong_3878	263	T/C
UN_xiong_3878	340	G/C
UN_xiong_3885	413	A/G
UN_xiong_3885	512	G/A
UN_xiong_3890	161	A/G
UN_xiong_3890	403	T/C
UN_xiong_3900	269	A/G
UN_xiong_3909	136	A/G
UN_xiong_3910	287	A/G
UN_xiong_3910	317	A/G
UN_xiong_3914	394	G/C
UN_xiong_3914	581	T/C
UN_xiong_3914	903	C/A
UN_xiong_3922	154	T/C
UN_xiong_3922	399	A/G
UN_xiong_3927	20	A/T
UN_xiong_3927	45	A/G
UN_xiong_3927	118	T/C
UN_xiong_3927	220	C/T
UN_xiong_3927	254	G/A
UN_xiong_3927	316	A/G
UN_xiong_3927	349	G/A
UN_xiong_3932	146	G/A
UN_xiong_3932	282	T/C
UN_xiong_3932	302	C/T
UN_xiong_3935	688	G/T
UN_xiong_3959	384	A/G
UN_xiong_3968	547	T/C
UN_xiong_3968	767	T/C
UN_xiong_3976	245	G/A
UN_xiong_3976	291	C/T
UN_xiong_3976	378	A/T
UN_xiong_3976	468	T/C
UN_xiong_3976	501	A/G
UN_xiong_3976	555	A/T

UN_xiong_3976	576	A/C
UN_xiong_3985	36	A/T
UN_xiong_3991	244	G/A
UN_xiong_3996	186	T/C
UN_xiong_3996	284	A/C
UN_xiong_3997	396	T/C
UN_xiong_3999	222	T/C
UN_xiong_4011	28	T/C
UN_xiong_4011	118	C/T
UN_xiong_4011	317	G/A
UN_xiong_4013	453	C/T
UN_xiong_4028	131	T/C
UN_xiong_4030	170	T/C
UN_xiong_4030	315	T/C
UN_xiong_4032	76	C/T
UN_xiong_4038	904	T/C
UN_xiong_4039	524	T/C
UN_xiong_4055	208	C/T
UN_xiong_4059	339	A/G
UN_xiong_4059	404	C/T
UN_xiong_4059	525	T/G
UN_xiong_4059	573	T/C
UN_xiong_4059	662	T/C
UN_xiong_4059	724	A/G
UN_xiong_4059	777	G/A
UN_xiong_4067	450	A/G
UN_xiong_4083	103	C/T
UN_xiong_4084	401	C/T
UN_xiong_4084	476	T/C
UN_xiong_4084	732	T/C
UN_xiong_4085	58	C/T
UN_xiong_4085	142	A/G
UN_xiong_4085	354	T/A
UN_xiong_4085	389	A/T
UN_xiong_4091	34	G/T
UN_xiong_4091	60	C/A
UN_xiong_4091	98	C/T
UN_xiong_4091	135	T/C
UN_xiong_4091	182	T/C
UN_xiong_4091	207	A/G
UN_xiong_4091	268	A/G
UN_xiong_4091	312	T/C
UN_xiong_4091	461	A/C
UN_xiong_4091	591	C/T
UN_xiong_4091	707	C/A
UN_xiong_4091	774	C/T
UN_xiong_4091	840	C/A

UN_xiong_4091	860	A/C
UN_xiong_4091	937	T/G
UN_xiong_4109	10	T/C
UN_xiong_4109	75	A/G
UN_xiong_4109	184	A/G
UN_xiong_4109	363	T/A
UN_xiong_4109	440	C/G
UN_xiong_4109	490	A/G
UN_xiong_4109	574	G/A
UN_xiong_4109	792	C/G
UN_xiong_4109	1220	A/G
UN_xiong_4109	1329	T/C
UN_xiong_4109	1352	T/C
UN_xiong_4109	1374	T/C
UN_xiong_4109	1400	C/A
UN_xiong_4109	1452	T/C
UN_xiong_4109	1479	G/A
UN_xiong_4109	1508	T/C
UN_xiong_4109	1529	T/G
UN_xiong_4115	69	T/C
UN_xiong_4117	347	A/T
UN_xiong_4128	147	A/T
UN_xiong_4154	96	A/G
UN_xiong_4157	101	A/G
UN_xiong_4160	257	C/T
UN_xiong_4161	139	T/C
UN_xiong_4161	229	T/C
UN_xiong_4161	454	T/C
UN_xiong_4168	75	G/C
UN_xiong_4168	196	G/A
UN_xiong_4172	52	C/T
UN_xiong_4172	76	T/A
UN_xiong_4178	40	A/T
UN_xiong_4178	114	A/T
UN_xiong_4179	157	T/C
UN_xiong_4179	275	C/G
UN_xiong_4179	358	T/C
UN_xiong_4179	392	T/G
UN_xiong_4179	516	A/G
UN_xiong_4179	536	T/G
UN_xiong_4179	614	T/A
UN_xiong_4179	850	C/T
UN_xiong_4179	1150	A/C
UN_xiong_4186	186	C/T
UN_xiong_4186	283	G/C
UN_xiong_4186	323	T/A
UN_xiong_4198	169	A/G

UN_xiong_4204	43	C/A
UN_xiong_4204	353	C/T
UN_xiong_4205	534	T/C
UN_xiong_4206	190	T/A
UN_xiong_4206	238	T/G
UN_xiong_4206	433	C/T
UN_xiong_4219	262	G/A
UN_xiong_4219	319	T/G
UN_xiong_4219	528	A/G
UN_xiong_4233	7	A/G
UN_xiong_4233	515	A/G
UN_xiong_4237	159	A/T
UN_xiong_4237	187	C/T
UN_xiong_4237	217	T/G
UN_xiong_4237	237	C/T
UN_xiong_4237	283	A/G
UN_xiong_4237	319	A/G
UN_xiong_4244	117	G/A
UN_xiong_4244	267	T/C
UN_xiong_4244	292	A/G
UN_xiong_4244	334	T/G
UN_xiong_4252	490	A/G
UN_xiong_4263	22	C/T
UN_xiong_4263	227	T/C
UN_xiong_4263	359	C/T
UN_xiong_4268	60	A/G
UN_xiong_4268	115	G/C
UN_xiong_4268	143	G/C
UN_xiong_4268	183	T/G
UN_xiong_4268	211	T/G
UN_xiong_4268	239	T/G
UN_xiong_4268	267	T/G
UN_xiong_4268	295	G/T
UN_xiong_4268	323	G/C
UN_xiong_4268	351	G/T
UN_xiong_4270	452	C/A
UN_xiong_4270	671	G/A
UN_xiong_4279	216	A/G
UN_xiong_4281	239	T/G
UN_xiong_4286	218	T/G
UN_xiong_4288	198	C/G
UN_xiong_4288	382	G/A
UN_xiong_4289	224	T/C
UN_xiong_4291	318	T/C
UN_xiong_4291	410	A/T
UN_xiong_4292	296	G/A
UN_xiong_4298	596	G/T

UN_xiong_4298	695	C/T
UN_xiong_4300	458	T/C
UN_xiong_4302	155	A/T
UN_xiong_4302	341	C/T
UN_xiong_4302	463	G/A
UN_xiong_4329	189	T/C
UN_xiong_4331	34	A/G
UN_xiong_4331	68	A/G
UN_xiong_4344	315	T/C
UN_xiong_4346	337	A/G
UN_xiong_4348	93	G/T
UN_xiong_4348	516	T/C
UN_xiong_4349	483	A/G
UN_xiong_4349	521	A/G
UN_xiong_4349	562	C/T
UN_xiong_4349	582	G/A
UN_xiong_4349	605	C/A
UN_xiong_4349	659	A/G
UN_xiong_4351	78	G/A
UN_xiong_4351	138	G/A
UN_xiong_4351	261	T/C
UN_xiong_4351	294	A/G
UN_xiong_4351	426	A/G
UN_xiong_4359	84	T/C
UN_xiong_4359	154	A/G
UN_xiong_4376	170	A/G
UN_xiong_4380	109	G/A
UN_xiong_4380	214	C/T
UN_xiong_4380	239	G/C
UN_xiong_4380	355	G/T
UN_xiong_4380	378	G/A
UN_xiong_4380	400	C/T
UN_xiong_4380	437	G/A
UN_xiong_4380	500	G/A
UN_xiong_4380	532	T/C
UN_xiong_4380	556	C/G
UN_xiong_4380	582	T/C
UN_xiong_4380	605	G/A
UN_xiong_4380	637	C/T
UN_xiong_4380	696	C/T
UN_xiong_4380	732	C/T
UN_xiong_4380	759	A/C
UN_xiong_4380	817	G/C
UN_xiong_4380	867	T/C
UN_xiong_4380	888	A/G
UN_xiong_4380	1179	A/G
UN_xiong_4381	446	A/C

UN_xiong_4393	312	C/T
UN_xiong_4401	323	T/C
UN_xiong_4403	109	A/G
UN_xiong_4404	377	T/C
UN_xiong_4404	454	G/A
UN_xiong_4404	493	A/G
UN_xiong_4404	522	A/G
UN_xiong_4404	600	C/A
UN_xiong_4406	51	G/T
UN_xiong_4406	118	C/T
UN_xiong_4406	143	A/G
UN_xiong_4406	284	G/A
UN_xiong_4406	418	G/A
UN_xiong_4406	667	A/T
UN_xiong_4410	6	C/T
UN_xiong_4414	378	T/C
UN_xiong_4428	240	G/C
UN_xiong_4428	340	T/C
UN_xiong_4430	302	T/C
UN_xiong_4434	129	C/T
UN_xiong_4435	120	A/G
UN_xiong_4436	46	G/A
UN_xiong_4436	259	A/G
UN_xiong_4436	308	A/G
UN_xiong_4436	399	A/G
UN_xiong_4436	622	G/A
UN_xiong_4436	934	A/C
UN_xiong_4437	576	A/G
UN_xiong_4437	596	G/A
UN_xiong_4453	8	C/T
UN_xiong_4463	117	G/A
UN_xiong_4463	226	T/C
UN_xiong_4463	363	C/A
UN_xiong_4473	46	T/C
UN_xiong_4474	115	T/C
UN_xiong_4481	366	T/C
UN_xiong_4481	645	A/G
UN_xiong_4485	212	T/A
UN_xiong_4486	241	G/A
UN_xiong_4489	39	A/G
UN_xiong_4489	73	C/T
UN_xiong_4489	104	G/A
UN_xiong_4489	136	A/T
UN_xiong_4489	156	G/A
UN_xiong_4492	350	C/T
UN_xiong_4494	423	T/C
UN_xiong_4494	446	A/G

UN_xiong_4494	527	C/T
UN_xiong_4494	552	A/G
UN_xiong_4494	587	G/A
UN_xiong_4494	623	G/A
UN_xiong_4495	133	T/C
UN_xiong_4495	167	T/C
UN_xiong_4495	362	T/A
UN_xiong_4496	201	T/C
UN_xiong_4496	852	A/G
UN_xiong_4518	60	A/G
UN_xiong_4518	370	A/G
UN_xiong_4518	412	A/T
UN_xiong_4518	507	T/A
UN_xiong_4518	531	C/T
UN_xiong_4533	199	A/C
UN_xiong_4533	221	C/T
UN_xiong_4533	425	A/G
UN_xiong_4533	556	T/C
UN_xiong_4539	165	T/G
UN_xiong_4542	139	C/T
UN_xiong_4544	125	C/T
UN_xiong_4544	159	G/A
UN_xiong_4544	243	T/C
UN_xiong_4544	598	C/A
UN_xiong_4551	128	T/G
UN_xiong_4561	147	G/A
UN_xiong_4572	117	T/C
UN_xiong_4572	380	G/A
UN_xiong_4572	448	A/C
UN_xiong_4572	528	G/A
UN_xiong_4574	216	A/G
UN_xiong_4574	242	G/T
UN_xiong_4574	478	T/G
UN_xiong_4578	128	T/C
UN_xiong_4578	198	T/A
UN_xiong_4579	256	T/A
UN_xiong_4579	353	T/G
UN_xiong_4580	431	A/G
UN_xiong_4584	794	T/C
UN_xiong_4585	594	A/G
UN_xiong_4592	1140	T/C
UN_xiong_4592	1247	A/G
UN_xiong_4614	61	A/G
UN_xiong_4614	94	T/C
UN_xiong_4616	449	A/C
UN_xiong_4616	529	T/A
UN_xiong_4619	427	G/A

UN_xiong_4619	534	C/A
UN_xiong_4628	276	C/A
UN_xiong_4628	628	C/T
UN_xiong_4629	206	A/T
UN_xiong_4629	294	C/G
UN_xiong_4637	205	T/C
UN_xiong_4638	360	T/A
UN_xiong_4642	251	C/T
UN_xiong_4643	12	T/A
UN_xiong_4643	62	A/G
UN_xiong_4643	168	C/T
UN_xiong_4650	241	C/A
UN_xiong_4659	47	G/A
UN_xiong_4659	68	C/T
UN_xiong_4659	90	C/T
UN_xiong_4664	895	A/G
UN_xiong_4664	1155	C/T
UN_xiong_4664	1643	T/C
UN_xiong_4664	1816	T/C
UN_xiong_4664	1951	T/C
UN_xiong_4664	1986	C/T
UN_xiong_4664	2070	T/C
UN_xiong_4664	2124	C/T
UN_xiong_4673	192	A/G
UN_xiong_4686	100	T/C
UN_xiong_4687	171	A/G
UN_xiong_4687	209	T/C
UN_xiong_4687	393	A/G
UN_xiong_4701	650	G/A
UN_xiong_4703	234	A/T
UN_xiong_4703	254	A/T
UN_xiong_4707	122	A/C
UN_xiong_4711	228	C/T
UN_xiong_4711	302	G/A
UN_xiong_4715	80	C/T
UN_xiong_4722	263	C/G
UN_xiong_4726	48	T/C
UN_xiong_4744	71	C/T
UN_xiong_4757	92	T/C
UN_xiong_4772	160	G/A
UN_xiong_4772	224	C/A
UN_xiong_4772	572	C/T
UN_xiong_4780	93	C/A
UN_xiong_4782	642	A/G
UN_xiong_4782	710	G/C
UN_xiong_4782	810	C/T
UN_xiong_4783	116	T/C

UN_xiong_4783	144	G/T
UN_xiong_4796	431	T/G
UN_xiong_4796	895	T/C
UN_xiong_4796	1305	T/C
UN_xiong_4796	1390	A/G
UN_xiong_4803	143	G/T
UN_xiong_4803	217	A/T
UN_xiong_4803	466	G/T
UN_xiong_4811	135	T/G
UN_xiong_4811	158	G/T
UN_xiong_4811	266	A/G
UN_xiong_4811	415	T/C
UN_xiong_4833	154	G/A
UN_xiong_4834	373	C/A
UN_xiong_4834	426	A/G
UN_xiong_4834	665	T/C
UN_xiong_4834	692	G/A
UN_xiong_4843	609	A/G
UN_xiong_4850	172	G/A
UN_xiong_4865	348	T/C
UN_xiong_4865	1521	A/G
UN_xiong_4865	1711	T/C
UN_xiong_4865	1906	A/T
UN_xiong_4872	154	G/A
UN_xiong_4875	21	A/G
UN_xiong_4878	33	C/T
UN_xiong_4878	334	A/C
UN_xiong_4887	197	G/C
UN_xiong_4913	127	T/C
UN_xiong_4914	212	T/C
UN_xiong_4914	331	T/C
UN_xiong_4914	412	A/G
UN_xiong_4922	201	C/T
UN_xiong_4932	267	C/T
UN_xiong_4932	334	C/T
UN_xiong_4932	396	G/A
UN_xiong_4932	475	C/T
UN_xiong_4932	693	G/A
UN_xiong_4932	788	A/G
UN_xiong_4932	836	A/T
UN_xiong_4948	39	C/T
UN_xiong_4951	252	C/T
UN_xiong_4951	350	T/A
UN_xiong_4951	752	A/G
UN_xiong_4952	137	A/G
UN_xiong_4956	248	T/C
UN_xiong_4956	277	A/G

UN_xiong_4956	566	C/T
UN_xiong_4960	32	C/T
UN_xiong_4960	68	A/G
UN_xiong_4963	19	C/T
UN_xiong_4963	132	C/T
UN_xiong_4988	103	T/C
UN_xiong_4988	522	A/G
UN_xiong_4988	601	G/A
UN_xiong_4988	750	T/C
UN_xiong_4988	881	A/T
UN_xiong_4990	392	G/A
UN_xiong_4995	19	T/C
UN_xiong_4995	55	A/T
UN_xiong_4995	121	A/T
UN_xiong_4995	201	A/C
UN_xiong_4995	232	T/G
UN_xiong_4995	320	T/C
UN_xiong_4995	561	C/T
UN_xiong_4999	284	G/A
UN_xiong_4999	329	C/A
UN_xiong_5001	29	C/T
UN_xiong_5001	103	G/A
UN_xiong_5001	137	G/A
UN_xiong_5001	279	G/A
UN_xiong_5010	266	A/G
UN_xiong_5011	185	A/T
UN_xiong_5011	335	A/G
UN_xiong_5011	601	C/A
UN_xiong_5013	25	T/C
UN_xiong_5013	212	A/G
UN_xiong_5013	240	A/T
UN_xiong_5013	443	T/C
UN_xiong_5020	34	C/A
UN_xiong_5020	311	A/G
UN_xiong_5020	440	G/A
UN_xiong_5026	146	T/A
UN_xiong_5026	579	T/C
UN_xiong_5026	735	T/C
UN_xiong_5026	762	G/T
UN_xiong_5026	795	T/A
UN_xiong_5027	121	T/C
UN_xiong_5036	386	G/A
UN_xiong_5067	439	T/C
UN_xiong_5078	14	A/G
UN_xiong_5081	152	G/T
UN_xiong_5090	437	G/A
UN_xiong_5098	69	G/T

UN_xiong_5098	187	A/C
UN_xiong_5098	301	T/A
UN_xiong_5113	144	A/G
UN_xiong_5113	256	C/T
UN_xiong_5113	295	A/G
UN_xiong_5113	348	C/T
UN_xiong_5113	375	C/T
UN_xiong_5113	738	T/C
UN_xiong_5115	162	C/T
UN_xiong_5117	20	G/A
UN_xiong_5117	166	A/G
UN_xiong_5117	188	T/A
UN_xiong_5119	70	G/C
UN_xiong_5119	97	C/T
UN_xiong_5119	242	A/C
UN_xiong_5119	509	T/C
UN_xiong_5119	588	A/G
UN_xiong_5119	726	C/T
UN_xiong_5119	821	T/C
UN_xiong_5125	30	A/G
UN_xiong_5125	90	G/A
UN_xiong_5125	165	A/G
UN_xiong_5125	267	G/A
UN_xiong_5130	142	A/G
UN_xiong_5130	185	C/T
UN_xiong_5130	282	G/A
UN_xiong_5130	452	T/A
UN_xiong_5131	167	A/G
UN_xiong_5135	42	G/A
UN_xiong_5135	228	C/T
UN_xiong_5147	146	A/G
UN_xiong_5147	226	T/C
UN_xiong_5165	474	A/G
UN_xiong_5165	578	T/C
UN_xiong_5165	669	A/G
UN_xiong_5167	245	A/G
UN_xiong_5186	289	T/C
UN_xiong_5196	319	T/A
UN_xiong_5211	90	T/C
UN_xiong_5212	257	T/C
UN_xiong_5227	153	A/G
UN_xiong_5227	243	C/T
UN_xiong_5233	490	A/G
UN_xiong_5233	646	A/C
UN_xiong_5233	718	T/A
UN_xiong_5233	753	G/A
UN_xiong_5233	798	C/T

UN_xiong_5233	1064	T/A
UN_xiong_5248	393	G/T
UN_xiong_5267	437	A/C
UN_xiong_5268	106	A/C
UN_xiong_5268	226	C/T
UN_xiong_5273	209	T/C
UN_xiong_5273	287	C/T
UN_xiong_5280	143	T/C
UN_xiong_5290	439	G/T
UN_xiong_5290	520	A/G
UN_xiong_5294	80	C/T
UN_xiong_5294	252	A/C
UN_xiong_5299	76	A/G
UN_xiong_5299	108	A/T
UN_xiong_5301	399	T/A
UN_xiong_5301	448	A/T
UN_xiong_5301	546	G/A
UN_xiong_5301	589	G/A
UN_xiong_5325	28	G/T
UN_xiong_5325	332	G/A
UN_xiong_5329	154	T/C
UN_xiong_5329	200	G/C
UN_xiong_5333	370	C/T
UN_xiong_5341	236	C/T
UN_xiong_5350	531	A/T
UN_xiong_5355	214	T/A
UN_xiong_5356	6	C/T
UN_xiong_5369	86	G/A
UN_xiong_5370	498	T/C
UN_xiong_5372	264	T/C
UN_xiong_5372	348	A/G
UN_xiong_5372	423	T/C
UN_xiong_5372	458	A/G
UN_xiong_5372	635	G/A
UN_xiong_5385	102	A/G
UN_xiong_5387	165	A/G
UN_xiong_5398	348	T/C
UN_xiong_5398	407	A/T
UN_xiong_5400	354	C/A
UN_xiong_5410	166	A/G
UN_xiong_5424	173	G/A
UN_xiong_5424	428	T/C
UN_xiong_5424	715	C/A
UN_xiong_5424	916	G/A
UN_xiong_5425	357	G/A
UN_xiong_5434	115	C/A
UN_xiong_5441	183	G/A

UN_xiong_5441	258	C/T
UN_xiong_5443	387	T/A
UN_xiong_5454	173	C/T
UN_xiong_5457	270	T/A
UN_xiong_5459	241	A/C
UN_xiong_5460	312	T/C
UN_xiong_5466	20	A/G
UN_xiong_5466	149	A/G
UN_xiong_5466	224	A/G
UN_xiong_5466	329	A/G
UN_xiong_5466	522	T/C
UN_xiong_5473	338	G/A
UN_xiong_5480	67	A/C
UN_xiong_5480	116	A/C
UN_xiong_5480	208	A/G
UN_xiong_5480	306	G/A
UN_xiong_5485	1222	A/G
UN_xiong_5485	1442	T/C
UN_xiong_5487	204	C/T
UN_xiong_5491	69	T/G
UN_xiong_5491	99	T/C
UN_xiong_5491	141	A/G
UN_xiong_5491	346	G/A
UN_xiong_5507	57	C/A
UN_xiong_5518	87	C/T
UN_xiong_5518	172	C/T
UN_xiong_5518	261	A/G
UN_xiong_5518	283	A/T
UN_xiong_5527	178	C/A
UN_xiong_5527	274	C/T
UN_xiong_5527	305	C/T
UN_xiong_5527	368	T/C
UN_xiong_5527	406	C/T
UN_xiong_5527	555	T/C
UN_xiong_5527	611	A/C
UN_xiong_5534	132	G/A
UN_xiong_5534	197	T/A
UN_xiong_5540	67	T/C
UN_xiong_5540	176	T/C
UN_xiong_5545	15	G/A
UN_xiong_5545	398	A/T
UN_xiong_5545	423	C/G
UN_xiong_5545	460	C/T
UN_xiong_5545	505	G/A
UN_xiong_5567	301	G/A
UN_xiong_5575	833	A/G
UN_xiong_5575	955	G/A

UN_xiong_5576	751	C/T
UN_xiong_5589	359	T/C
UN_xiong_5591	116	C/A
UN_xiong_5591	246	T/C
UN_xiong_5592	547	C/T
UN_xiong_5592	657	T/C
UN_xiong_5593	40	T/C
UN_xiong_5593	153	A/T
UN_xiong_5611	52	T/C
UN_xiong_5614	49	G/A
UN_xiong_5614	350	T/C
UN_xiong_5633	113	G/A
UN_xiong_5637	118	T/C
UN_xiong_5637	347	T/A
UN_xiong_5637	465	C/G
UN_xiong_5637	902	T/C
UN_xiong_5646	147	T/C
UN_xiong_5650	197	T/C
UN_xiong_5651	490	G/A
UN_xiong_5662	71	T/G
UN_xiong_5662	349	A/G
UN_xiong_5662	492	G/A
UN_xiong_5662	513	G/A
UN_xiong_5664	304	T/C
UN_xiong_5668	303	A/G
UN_xiong_5668	659	G/A
UN_xiong_5670	34	G/T
UN_xiong_5670	267	T/A
UN_xiong_5680	928	T/C
UN_xiong_5683	123	T/C
UN_xiong_5683	280	A/G
UN_xiong_5683	333	A/G
UN_xiong_5683	446	C/T
UN_xiong_5688	461	G/C
UN_xiong_5693	21	C/T
UN_xiong_5698	98	G/A
UN_xiong_5698	148	C/T
UN_xiong_5698	203	T/C
UN_xiong_5698	247	C/T
UN_xiong_5700	197	G/C
UN_xiong_5705	170	A/G
UN_xiong_5706	580	G/A
UN_xiong_5714	376	C/T
UN_xiong_5718	43	T/C
UN_xiong_5723	23	G/T
UN_xiong_5724	314	C/T
UN_xiong_5724	448	A/G

UN_xiong_5730	81	C/T
UN_xiong_5732	445	T/A
UN_xiong_5737	7	A/T
UN_xiong_5737	311	A/G
UN_xiong_5737	362	G/A
UN_xiong_5737	421	T/C
UN_xiong_5737	994	C/A
UN_xiong_5741	335	T/C
UN_xiong_5742	223	T/G
UN_xiong_5742	463	C/T
UN_xiong_5747	74	A/C
UN_xiong_5749	15	T/A
UN_xiong_5753	516	A/G
UN_xiong_5761	380	G/A
UN_xiong_5761	601	T/C
UN_xiong_5773	25	A/T
UN_xiong_5773	369	A/G
UN_xiong_5777	102	A/G
UN_xiong_5777	201	T/C
UN_xiong_5777	224	C/A
UN_xiong_5777	495	A/T
UN_xiong_5777	622	T/C
UN_xiong_5777	695	A/G
UN_xiong_5789	368	A/G
UN_xiong_5794	258	C/A
UN_xiong_5794	400	A/G
UN_xiong_5794	461	G/A
UN_xiong_5794	518	A/G
UN_xiong_5802	125	C/T
UN_xiong_5809	200	A/C
UN_xiong_5809	342	T/C
UN_xiong_5815	449	G/A
UN_xiong_5827	56	A/G
UN_xiong_5827	146	A/C
UN_xiong_5827	447	T/G
UN_xiong_5853	13	C/T
UN_xiong_5853	393	T/C
UN_xiong_5856	417	C/T
UN_xiong_5856	446	C/T
UN_xiong_5856	524	A/G
UN_xiong_5872	231	C/T
UN_xiong_5880	114	G/T
UN_xiong_5880	184	C/A
UN_xiong_5880	246	G/A
UN_xiong_5881	339	C/T
UN_xiong_5881	364	A/G
UN_xiong_5883	122	C/T

UN_xiong_5883	164	A/G
UN_xiong_5883	443	G/A
UN_xiong_5885	372	A/T
UN_xiong_5885	476	T/A
UN_xiong_5903	124	C/T
UN_xiong_5903	273	C/T
UN_xiong_5912	84	A/G
UN_xiong_5912	323	G/A
UN_xiong_5920	138	A/G
UN_xiong_5920	222	A/C
UN_xiong_5920	322	A/G
UN_xiong_5935	7	C/T
UN_xiong_5938	242	G/A
UN_xiong_5941	132	C/A
UN_xiong_5941	249	A/G
UN_xiong_5941	386	G/A
UN_xiong_5941	554	C/T
UN_xiong_5941	589	C/T
UN_xiong_5960	230	A/G
UN_xiong_5962	122	C/T
UN_xiong_5980	256	C/T
UN_xiong_5981	395	C/A
UN_xiong_5991	92	G/A
UN_xiong_5991	172	A/G
UN_xiong_5991	235	A/G
UN_xiong_5991	640	T/C
UN_xiong_6002	20	A/G
UN_xiong_6002	304	A/G
UN_xiong_6002	349	G/A
UN_xiong_6010	369	T/A
UN_xiong_6012	312	A/G
UN_xiong_6021	31	T/C
UN_xiong_6021	201	T/C
UN_xiong_6041	111	C/T
UN_xiong_6079	491	G/T
UN_xiong_6083	456	C/T
UN_xiong_6083	689	C/T
UN_xiong_6084	58	C/G
UN_xiong_6084	596	C/T
UN_xiong_6088	567	G/A
UN_xiong_6101	272	C/G
UN_xiong_6115	911	G/A
UN_xiong_6131	236	T/C
UN_xiong_6152	33	C/T
UN_xiong_6154	98	T/C
UN_xiong_6161	173	C/T
UN_xiong_6173	362	T/C

UN_xiong_6174	439	G/A
UN_xiong_6176	507	T/G
UN_xiong_6176	532	A/G
UN_xiong_6201	306	T/C
UN_xiong_6202	70	C/T
UN_xiong_6202	329	T/A
UN_xiong_6210	83	A/C
UN_xiong_6210	444	G/A
UN_xiong_6212	164	A/G
UN_xiong_6221	553	T/C
UN_xiong_6222	406	G/T
UN_xiong_6222	724	C/T
UN_xiong_6224	440	T/A
UN_xiong_6228	16	C/A
UN_xiong_6228	64	C/A
UN_xiong_6228	251	T/C
UN_xiong_6228	349	T/C
UN_xiong_6228	376	G/A
UN_xiong_6228	405	T/C
UN_xiong_6228	431	G/C
UN_xiong_6231	109	C/G
UN_xiong_6251	325	A/G
UN_xiong_6251	426	C/A
UN_xiong_6256	367	A/C
UN_xiong_6256	392	T/C
UN_xiong_6263	378	C/A
UN_xiong_6263	630	A/T
UN_xiong_6267	254	C/T
UN_xiong_6270	561	T/C
UN_xiong_6271	146	C/T
UN_xiong_6271	176	A/G
UN_xiong_6271	414	A/T
UN_xiong_6271	461	G/A
UN_xiong_6274	479	A/G
UN_xiong_6274	499	T/C
UN_xiong_6278	387	T/C
UN_xiong_6281	368	T/C
UN_xiong_6286	122	T/C
UN_xiong_6309	330	T/C
UN_xiong_6309	401	G/A
UN_xiong_6309	557	G/A
UN_xiong_6309	722	C/T
UN_xiong_6309	776	C/T
UN_xiong_6312	105	C/A
UN_xiong_6321	202	A/G
UN_xiong_6334	208	A/T
UN_xiong_6334	261	C/A

UN_xiong_6353	417	T/G
UN_xiong_6384	69	G/T
UN_xiong_6384	689	T/G
UN_xiong_6401	93	G/A
UN_xiong_6402	780	A/G
UN_xiong_6402	830	C/A
UN_xiong_6402	940	T/A
UN_xiong_6413	153	A/G
UN_xiong_6413	348	T/C
UN_xiong_6414	187	T/C
UN_xiong_6418	301	C/T
UN_xiong_6418	481	G/A
UN_xiong_6419	212	A/T
UN_xiong_6422	28	C/T
UN_xiong_6422	336	T/C
UN_xiong_6423	52	C/T
UN_xiong_6423	340	A/G
UN_xiong_6432	180	A/C
UN_xiong_6436	941	T/C
UN_xiong_6436	1017	T/C
UN_xiong_6444	247	C/T
UN_xiong_6445	181	A/G
UN_xiong_6452	406	T/C
UN_xiong_6452	506	A/G
UN_xiong_6470	277	A/G
UN_xiong_6475	131	A/C
UN_xiong_6475	157	A/T
UN_xiong_6475	192	T/C
UN_xiong_6475	268	A/G
UN_xiong_6477	62	T/C
UN_xiong_6477	100	T/C
UN_xiong_6477	185	T/G
UN_xiong_6482	385	T/C
UN_xiong_6489	324	A/G
UN_xiong_6493	13	A/G
UN_xiong_6493	89	T/C
UN_xiong_6493	128	A/G
UN_xiong_6497	364	T/C
UN_xiong_6498	202	G/T
UN_xiong_6502	241	T/C
UN_xiong_6510	38	G/T
UN_xiong_6510	167	A/G
UN_xiong_6510	215	A/G
UN_xiong_6515	340	G/A
UN_xiong_6516	392	T/C
UN_xiong_6516	458	A/G
UN_xiong_6516	538	A/C

UN_xiong_6516	569	T/C
UN_xiong_6525	273	G/A
UN_xiong_6540	47	T/C
UN_xiong_6540	175	A/G
UN_xiong_6540	311	A/T
UN_xiong_6540	453	A/G
UN_xiong_6548	62	T/C
UN_xiong_6551	288	G/T
UN_xiong_6554	251	A/G
UN_xiong_6554	304	G/A
UN_xiong_6556	542	T/A
UN_xiong_6576	16	G/C
UN_xiong_6584	171	T/C
UN_xiong_6584	303	T/C
UN_xiong_6589	558	G/T
UN_xiong_6593	63	T/C
UN_xiong_6593	177	A/G
UN_xiong_6596	319	A/G
UN_xiong_6608	309	C/G
UN_xiong_6616	41	C/T
UN_xiong_6630	440	T/C
UN_xiong_6637	104	A/G
UN_xiong_6657	227	G/T
UN_xiong_6659	12	T/C
UN_xiong_6659	44	A/T
UN_xiong_6659	170	G/A
UN_xiong_6659	613	T/C
UN_xiong_6663	568	T/G
UN_xiong_6663	722	T/C
UN_xiong_6663	820	T/C
UN_xiong_6663	991	T/C
UN_xiong_6663	1056	T/C
UN_xiong_6663	1110	G/A
UN_xiong_6668	94	C/T
UN_xiong_6674	376	C/T
UN_xiong_6674	689	C/T
UN_xiong_6694	91	T/C
UN_xiong_6694	404	G/A
UN_xiong_6694	451	T/A
UN_xiong_6722	358	A/G
UN_xiong_6730	37	T/C
UN_xiong_6739	347	A/G
UN_xiong_6740	513	A/G
UN_xiong_6740	636	A/G
UN_xiong_6748	264	A/G
UN_xiong_6750	235	T/C
UN_xiong_6761	295	G/A

UN_xiong_6761	492	T/G
UN_xiong_6769	173	A/G
UN_xiong_6770	44	T/C
UN_xiong_6772	291	A/G
UN_xiong_6778	460	A/G
UN_xiong_6780	99	T/C
UN_xiong_6782	714	G/C
UN_xiong_6787	172	G/T
UN_xiong_6787	297	C/T
UN_xiong_6791	103	A/G
UN_xiong_6794	526	T/A
UN_xiong_6801	489	A/T
UN_xiong_6801	769	A/G
UN_xiong_6801	795	A/G
UN_xiong_6809	307	C/T
UN_xiong_6820	237	G/A
UN_xiong_6830	137	G/T
UN_xiong_6830	212	A/G
UN_xiong_6837	357	A/T
UN_xiong_6840	31	A/T
UN_xiong_6849	479	C/T
UN_xiong_6849	656	C/T
UN_xiong_6849	682	C/T
UN_xiong_6850	136	A/G
UN_xiong_6860	210	C/A
UN_xiong_6867	142	G/A
UN_xiong_6871	6	A/G
UN_xiong_6877	110	T/C
UN_xiong_6885	864	T/C
UN_xiong_6887	438	A/G
UN_xiong_6891	216	A/G
UN_xiong_6904	258	A/G
UN_xiong_6907	12	A/G
UN_xiong_6909	8	A/G
UN_xiong_6909	179	A/C
UN_xiong_6909	339	A/G
UN_xiong_6909	470	G/A
UN_xiong_6909	500	G/C
UN_xiong_6909	673	A/T
UN_xiong_6918	235	C/T
UN_xiong_6918	286	T/C
UN_xiong_6918	311	T/C
UN_xiong_6920	6	G/T
UN_xiong_6920	260	G/T
UN_xiong_6920	494	T/C
UN_xiong_6920	729	T/C
UN_xiong_6920	769	T/C

UN_xiong_6936	14	A/G
UN_xiong_6938	34	C/T
UN_xiong_6938	153	G/A
UN_xiong_6938	245	A/C
UN_xiong_6938	739	A/G
UN_xiong_6941	111	G/A
UN_xiong_6946	413	C/G
UN_xiong_6955	314	G/A
UN_xiong_6964	89	T/C
UN_xiong_6964	231	T/C
UN_xiong_6964	344	T/C
UN_xiong_6964	452	A/G
UN_xiong_6964	502	A/G
UN_xiong_6971	8	T/C
UN_xiong_6978	6	G/A
UN_xiong_6978	115	A/G
UN_xiong_6978	141	G/T
UN_xiong_6978	254	T/C
UN_xiong_6978	566	C/T
UN_xiong_7002	262	A/G
UN_xiong_7002	494	G/A
UN_xiong_7004	214	G/A
UN_xiong_7004	414	T/C
UN_xiong_7011	207	C/T
UN_xiong_7021	323	A/G
UN_xiong_7030	288	G/A
UN_xiong_7042	195	G/A
UN_xiong_7043	27	G/T
UN_xiong_7043	86	G/A
UN_xiong_7043	113	C/T
UN_xiong_7043	203	G/A
UN_xiong_7051	439	C/T
UN_xiong_7069	154	G/A
UN_xiong_7083	113	G/A
UN_xiong_7095	351	G/T
UN_xiong_7097	12	C/T
UN_xiong_7097	257	G/T
UN_xiong_7097	320	C/T
UN_xiong_7097	379	C/T
UN_xiong_7097	474	T/C
UN_xiong_7099	234	G/T
UN_xiong_7113	48	C/T
UN_xiong_7113	208	A/C
UN_xiong_7113	713	A/G
UN_xiong_7124	86	G/A
UN_xiong_7124	135	C/T
UN_xiong_7124	444	A/G

UN_xiong_7133	310	A/C
UN_xiong_7133	879	T/C
UN_xiong_7133	913	A/T
UN_xiong_7135	464	G/A
UN_xiong_7135	561	T/C
UN_xiong_7138	139	C/T
UN_xiong_7138	408	T/G
UN_xiong_7150	385	T/C
UN_xiong_7163	195	A/G
UN_xiong_7164	317	A/G
UN_xiong_7164	727	C/A
UN_xiong_7164	967	T/C
UN_xiong_7183	43	G/T
UN_xiong_7183	309	C/T
UN_xiong_7183	629	T/C
UN_xiong_7183	1030	A/G
UN_xiong_7202	309	A/C
UN_xiong_7203	837	A/G
UN_xiong_7203	876	A/G
UN_xiong_7203	899	A/T
UN_xiong_7203	923	C/A
UN_xiong_7203	943	T/C
UN_xiong_7206	428	C/T
UN_xiong_7228	569	A/C
UN_xiong_7228	686	G/A
UN_xiong_7231	467	A/G
UN_xiong_7232	7	G/A
UN_xiong_7232	132	G/A
UN_xiong_7234	277	G/A
UN_xiong_7234	298	T/C
UN_xiong_7234	408	G/T
UN_xiong_7234	504	G/A
UN_xiong_7236	194	T/C
UN_xiong_7251	103	T/C
UN_xiong_7252	441	T/C
UN_xiong_7252	490	A/C
UN_xiong_7263	712	A/C
UN_xiong_7280	423	A/G
UN_xiong_7284	404	A/G
UN_xiong_7291	156	T/C
UN_xiong_7292	253	A/G
UN_xiong_7299	134	G/A
UN_xiong_7300	236	A/G
UN_xiong_7301	31	C/T
UN_xiong_7303	183	A/G
UN_xiong_7304	381	A/G
UN_xiong_7326	143	G/A

UN_xiong_7326	243	G/A
UN_xiong_7327	250	C/A
UN_xiong_7328	328	T/C
UN_xiong_7330	162	G/A
UN_xiong_7332	104	A/C
UN_xiong_7358	24	C/G
UN_xiong_7358	254	T/C
UN_xiong_7373	431	A/C
UN_xiong_7378	150	C/A
UN_xiong_7378	236	T/C
UN_xiong_7378	290	C/T
UN_xiong_7378	522	G/A
UN_xiong_7378	699	G/A
UN_xiong_7384	340	T/C
UN_xiong_7386	760	A/C
UN_xiong_7392	234	A/G
UN_xiong_7392	264	T/G
UN_xiong_7398	560	C/T
UN_xiong_7413	907	G/A
UN_xiong_7442	69	G/A
UN_xiong_7447	265	T/A
UN_xiong_7464	377	T/G
UN_xiong_7465	137	T/A
UN_xiong_7465	309	T/G
UN_xiong_7465	688	G/A
UN_xiong_7471	336	T/A
UN_xiong_7472	434	A/G
UN_xiong_7474	186	G/A
UN_xiong_7476	7	T/C
UN_xiong_7491	321	A/G
UN_xiong_7495	33	G/A
UN_xiong_7495	194	A/G
UN_xiong_7498	372	T/C
UN_xiong_7498	750	A/C
UN_xiong_7498	777	G/C
UN_xiong_7505	71	A/G
UN_xiong_7505	117	A/G
UN_xiong_7511	103	A/G
UN_xiong_7515	556	A/G
UN_xiong_7515	646	T/C
UN_xiong_7517	163	G/A
UN_xiong_7517	255	A/G
UN_xiong_7527	80	C/A
UN_xiong_7527	207	T/C
UN_xiong_7527	715	A/C
UN_xiong_7527	771	A/G
UN_xiong_7527	1229	A/T

UN_xiong_7529	311	G/A
UN_xiong_7529	409	T/C
UN_xiong_7529	479	T/C
UN_xiong_7529	756	T/C
UN_xiong_7529	956	T/C
UN_xiong_7529	987	G/T
UN_xiong_7529	1055	T/C
UN_xiong_7529	1125	A/G
UN_xiong_7529	1250	T/C
UN_xiong_7552	279	C/G
UN_xiong_7559	642	C/T
UN_xiong_7560	268	C/T
UN_xiong_7561	306	A/G
UN_xiong_7565	9	A/C
UN_xiong_7565	114	G/A
UN_xiong_7565	168	T/C
UN_xiong_7565	226	G/T
UN_xiong_7566	106	C/T
UN_xiong_7596	284	G/A
UN_xiong_7596	591	A/G
UN_xiong_7596	615	T/A
UN_xiong_7599	84	G/A
UN_xiong_7619	222	T/C
UN_xiong_7627	171	A/G
UN_xiong_7659	136	G/A
UN_xiong_7659	223	A/C
UN_xiong_7665	362	G/A
UN_xiong_7665	524	G/C
UN_xiong_7665	718	G/A
UN_xiong_7665	960	T/G
UN_xiong_7665	1004	G/A
UN_xiong_7670	43	C/T
UN_xiong_7677	267	A/C
UN_xiong_7682	530	T/C
UN_xiong_7682	561	T/G
UN_xiong_7685	536	C/T
UN_xiong_7694	103	A/T
UN_xiong_7694	301	G/A
UN_xiong_7698	223	T/C
UN_xiong_7701	266	G/A
UN_xiong_7717	245	G/A
UN_xiong_7743	321	G/A
UN_xiong_7746	170	C/T
UN_xiong_7770	173	C/T
UN_xiong_7784	266	C/T
UN_xiong_7784	324	T/A
UN_xiong_7786	71	T/G

UN_xiong_7791	232	G/A
UN_xiong_7794	266	T/C
UN_xiong_7794	316	T/C
UN_xiong_7794	360	T/C
UN_xiong_7799	326	T/C
UN_xiong_7799	404	C/T
UN_xiong_7799	541	T/C
UN_xiong_7802	109	C/A
UN_xiong_7823	69	C/T
UN_xiong_7832	412	A/G
UN_xiong_7844	259	C/T
UN_xiong_7851	275	C/T
UN_xiong_7854	312	G/T
UN_xiong_7854	333	G/A
UN_xiong_7854	360	A/G
UN_xiong_7872	103	C/T
UN_xiong_7875	386	A/T
UN_xiong_7899	1467	C/A
UN_xiong_7902	236	C/G
UN_xiong_7922	151	G/A
UN_xiong_7922	422	G/A
UN_xiong_7936	374	G/A
UN_xiong_7949	165	T/C
UN_xiong_7950	188	A/G
UN_xiong_7953	76	G/T
UN_xiong_7974	60	T/G
UN_xiong_7988	920	A/G
UN_xiong_7994	563	T/C
UN_xiong_8025	89	C/G
UN_xiong_8036	377	G/A
UN_xiong_8036	538	C/T
UN_xiong_8037	196	A/G
UN_xiong_8049	446	T/C
UN_xiong_8049	571	A/G
UN_xiong_8049	977	G/A
UN_xiong_8049	1015	G/T
UN_xiong_8062	53	C/T
UN_xiong_8065	154	C/T
UN_xiong_8065	207	C/T
UN_xiong_8065	537	C/T
UN_xiong_8065	609	T/C
UN_xiong_8067	283	A/G
UN_xiong_8067	333	C/A
UN_xiong_8071	32	T/C
UN_xiong_8071	131	A/G
UN_xiong_8071	923	C/T
UN_xiong_8074	219	C/T

UN_xiong_8081	290	A/T
UN_xiong_8082	255	G/A
UN_xiong_8087	56	T/C
UN_xiong_8096	333	T/G
UN_xiong_8096	406	A/G
UN_xiong_8100	241	A/G
UN_xiong_8100	384	G/A
UN_xiong_8113	337	G/A
UN_xiong_8115	134	C/T
UN_xiong_8117	128	G/A
UN_xiong_8117	695	A/G
UN_xiong_8117	777	C/T
UN_xiong_8119	253	C/T
UN_xiong_8119	275	C/A
UN_xiong_8120	48	G/A
UN_xiong_8120	190	G/T
UN_xiong_8122	241	A/T
UN_xiong_8122	415	A/T
UN_xiong_8122	754	T/C
UN_xiong_8122	775	A/G
UN_xiong_8122	811	G/A
UN_xiong_8122	1347	A/G
UN_xiong_8125	15	G/T
UN_xiong_8129	279	G/A
UN_xiong_8130	431	G/A
UN_xiong_8136	482	C/T
UN_xiong_8140	349	C/A
UN_xiong_8143	305	C/T
UN_xiong_8153	177	C/T
UN_xiong_8153	246	G/A
UN_xiong_8154	126	T/C
UN_xiong_8154	148	T/C
UN_xiong_8158	199	G/T
UN_xiong_8159	879	T/C
UN_xiong_8159	954	C/T
UN_xiong_8168	166	A/G
UN_xiong_8168	222	T/C
UN_xiong_8172	257	G/A
UN_xiong_8182	144	C/T
UN_xiong_8182	217	G/T
UN_xiong_8184	458	C/A
UN_xiong_8184	502	T/C
UN_xiong_8199	130	T/A
UN_xiong_8203	607	A/G
UN_xiong_8215	170	C/G
UN_xiong_8223	258	A/G
UN_xiong_8233	62	T/C

UN_xiong_8241	41	T/C
UN_xiong_8252	228	T/C
UN_xiong_8253	52	G/A
UN_xiong_8253	207	T/C
UN_xiong_8253	445	C/T
UN_xiong_8253	469	T/G
UN_xiong_8256	68	C/T
UN_xiong_8256	144	T/C
UN_xiong_8256	271	T/C
UN_xiong_8256	630	G/C
UN_xiong_8256	707	T/C
UN_xiong_8256	807	T/C
UN_xiong_8271	165	A/T
UN_xiong_8271	269	T/C
UN_xiong_8286	39	C/T
UN_xiong_8286	278	A/G
UN_xiong_8287	72	G/A
UN_xiong_8291	14	T/C
UN_xiong_8291	158	G/A
UN_xiong_8291	211	A/G
UN_xiong_8295	132	C/T
UN_xiong_8295	268	A/G
UN_xiong_8296	43	A/T
UN_xiong_8296	785	G/T
UN_xiong_8299	291	T/C
UN_xiong_8299	331	T/C
UN_xiong_8307	179	A/G
UN_xiong_8307	347	G/A
UN_xiong_8315	136	G/T
UN_xiong_8329	347	C/A
UN_xiong_8333	243	A/G
UN_xiong_8339	193	G/A
UN_xiong_8340	241	C/T
UN_xiong_8344	77	A/G
UN_xiong_8345	107	G/T
UN_xiong_8345	133	A/G
UN_xiong_8348	70	C/T
UN_xiong_8348	90	C/G
UN_xiong_8348	150	T/G
UN_xiong_8348	189	C/T
UN_xiong_8348	322	A/C
UN_xiong_8348	360	A/G
UN_xiong_8348	497	A/T
UN_xiong_8358	404	A/G
UN_xiong_8358	513	T/C
UN_xiong_8358	693	A/T
UN_xiong_8375	85	C/T

UN_xiong_8375	211	T/C
UN_xiong_8376	205	A/G
UN_xiong_8389	104	A/G
UN_xiong_8390	232	A/G
UN_xiong_8390	276	G/A
UN_xiong_8390	312	G/T
UN_xiong_8405	260	T/C
UN_xiong_8411	203	G/C
UN_xiong_8411	247	T/A
UN_xiong_8411	347	G/A
UN_xiong_8413	261	C/T
UN_xiong_8417	314	C/T
UN_xiong_8419	493	T/C
UN_xiong_8452	94	C/T
UN_xiong_8452	624	A/G
UN_xiong_8452	736	T/C
UN_xiong_8452	807	G/A
UN_xiong_8452	846	G/A
UN_xiong_8462	589	C/T
UN_xiong_8466	257	T/G
UN_xiong_8469	281	T/C
UN_xiong_8479	120	G/C
UN_xiong_8479	168	C/G
UN_xiong_8480	340	T/C
UN_xiong_8480	481	T/C
UN_xiong_8480	543	A/G
UN_xiong_8480	579	A/G
UN_xiong_8483	300	A/T
UN_xiong_8493	51	T/C
UN_xiong_8519	284	A/G
UN_xiong_8519	329	G/C
UN_xiong_8519	382	A/G
UN_xiong_8520	221	A/G
UN_xiong_8520	284	A/G
UN_xiong_8520	407	G/A
UN_xiong_8521	38	C/A
UN_xiong_8521	100	A/T
UN_xiong_8523	291	T/A
UN_xiong_8530	288	T/C
UN_xiong_8530	325	T/C
UN_xiong_8530	465	A/G
UN_xiong_8530	588	A/G
UN_xiong_8530	727	C/T
UN_xiong_8530	826	T/C
UN_xiong_8530	861	G/A
UN_xiong_8536	173	T/C
UN_xiong_8536	556	A/T

UN_xiong_8543	36	G/T
UN_xiong_8543	602	A/T
UN_xiong_8549	327	C/T
UN_xiong_8555	48	A/C
UN_xiong_8555	69	G/C
UN_xiong_8555	113	T/C
UN_xiong_8555	143	G/A
UN_xiong_8555	164	T/C
UN_xiong_8555	187	C/T
UN_xiong_8555	216	A/G
UN_xiong_8555	239	C/G
UN_xiong_8555	345	C/G
UN_xiong_8555	384	G/C
UN_xiong_8559	635	T/G
UN_xiong_8560	176	A/G
UN_xiong_8568	367	A/T
UN_xiong_8568	426	T/G
UN_xiong_8568	580	G/C
UN_xiong_8569	382	T/C
UN_xiong_8569	647	T/C
UN_xiong_8569	796	C/G
UN_xiong_8569	1214	A/T
UN_xiong_8573	403	T/A
UN_xiong_8573	683	G/A
UN_xiong_8575	45	T/C
UN_xiong_8583	133	C/G
UN_xiong_8583	297	A/C
UN_xiong_8586	102	G/A
UN_xiong_8591	302	T/C
UN_xiong_8591	731	C/T
UN_xiong_8591	761	A/G
UN_xiong_8591	787	T/C
UN_xiong_8593	49	G/C
UN_xiong_8600	97	T/C
UN_xiong_8622	44	G/T
UN_xiong_8622	325	T/C
UN_xiong_8628	309	T/C
UN_xiong_8628	487	C/T
UN_xiong_8634	589	A/T
UN_xiong_8647	456	A/G
UN_xiong_8651	80	A/G
UN_xiong_8651	302	C/T
UN_xiong_8668	13	A/G
UN_xiong_8668	397	A/C
UN_xiong_8670	270	C/A
UN_xiong_8683	919	C/T
UN_xiong_8684	545	A/G

UN_xiong_8684	611	G/A
UN_xiong_8690	373	T/C
UN_xiong_8690	442	A/T
UN_xiong_8702	54	A/G
UN_xiong_8710	498	C/G
UN_xiong_8722	179	G/A
UN_xiong_8724	285	A/G
UN_xiong_8732	182	G/A
UN_xiong_8732	235	A/T
UN_xiong_8732	296	T/C
UN_xiong_8733	550	A/C
UN_xiong_8733	575	T/C
UN_xiong_8744	106	C/T
UN_xiong_8765	471	C/A
UN_xiong_8773	806	T/A
UN_xiong_8776	348	G/A
UN_xiong_8786	26	T/A
UN_xiong_8790	297	G/A
UN_xiong_8797	231	T/A
UN_xiong_8803	189	T/C
UN_xiong_8811	750	T/C
UN_xiong_8812	197	A/T
UN_xiong_8812	258	T/A
UN_xiong_8812	301	T/A
UN_xiong_8812	409	G/A
UN_xiong_8820	309	A/G
UN_xiong_8822	183	C/T
UN_xiong_8831	230	T/C
UN_xiong_8831	268	G/A
UN_xiong_8840	388	C/T
UN_xiong_8843	214	A/T
UN_xiong_8850	85	A/G
UN_xiong_8850	377	A/G
UN_xiong_8850	513	C/T
UN_xiong_8850	559	G/A
UN_xiong_8850	599	A/G
UN_xiong_8853	309	A/G
UN_xiong_8853	1105	C/T
UN_xiong_8861	129	C/T
UN_xiong_8862	252	C/G
UN_xiong_8862	290	C/T
UN_xiong_8862	318	G/T
UN_xiong_8862	440	C/T
UN_xiong_8862	471	A/G
UN_xiong_8862	595	G/A
UN_xiong_8862	676	A/G
UN_xiong_8862	712	C/G

UN_xiong_8868	485	T/G
UN_xiong_8868	512	A/G
UN_xiong_8875	31	T/G
UN_xiong_8884	256	T/C
UN_xiong_8884	291	T/C
UN_xiong_8892	188	G/A
UN_xiong_8892	272	A/G
UN_xiong_8897	944	C/A
UN_xiong_8906	353	T/C
UN_xiong_8908	125	T/C
UN_xiong_8908	265	G/A
UN_xiong_8912	276	G/A
UN_xiong_8920	562	A/G
UN_xiong_8922	257	G/C
UN_xiong_8922	310	G/A
UN_xiong_8922	449	A/G
UN_xiong_8922	794	T/C
UN_xiong_8922	940	T/C
UN_xiong_8933	364	A/T
UN_xiong_8934	100	A/G
UN_xiong_8934	207	A/C
UN_xiong_8937	151	C/T
UN_xiong_8937	937	C/T
UN_xiong_8937	1143	T/C
UN_xiong_8944	109	T/G
UN_xiong_8944	231	C/A
UN_xiong_8944	304	T/C
UN_xiong_8956	839	A/G
UN_xiong_8963	187	G/A
UN_xiong_8963	252	G/A
UN_xiong_8977	278	A/G
UN_xiong_8979	408	C/G
UN_xiong_8985	90	G/A
UN_xiong_8985	201	G/A
UN_xiong_8985	337	T/C
UN_xiong_8985	430	C/A
UN_xiong_8994	301	G/A
UN_xiong_8994	431	T/G
UN_xiong_8994	588	T/C
UN_xiong_8996	330	C/A
UN_xiong_8996	652	T/C
UN_xiong_8996	678	A/G
UN_xiong_8999	757	C/T
UN_xiong_9004	232	G/A
UN_xiong_9004	267	G/T
UN_xiong_9004	306	A/G
UN_xiong_9004	404	G/T

UN_xiong_9004	450	A/G
UN_xiong_9004	502	C/G
UN_xiong_9004	557	G/T
UN_xiong_9004	654	A/G
UN_xiong_9004	683	G/A
UN_xiong_9017	322	T/A
UN_xiong_9035	6	A/T
UN_xiong_9035	44	C/T
UN_xiong_9035	160	A/G
UN_xiong_9035	214	G/A
UN_xiong_9035	471	T/C
UN_xiong_9035	844	C/T
UN_xiong_9035	938	A/C
UN_xiong_9035	978	T/G
UN_xiong_9035	1000	T/C
UN_xiong_9035	1020	G/T
UN_xiong_9035	1041	T/A
UN_xiong_9035	1090	A/C
UN_xiong_9038	372	T/C
UN_xiong_9039	112	A/G
UN_xiong_9047	100	C/A
UN_xiong_9066	70	G/A
UN_xiong_9066	132	T/C
UN_xiong_9066	204	C/T
UN_xiong_9066	314	A/G
UN_xiong_9066	500	G/A
UN_xiong_9066	658	C/G
UN_xiong_9066	739	G/A
UN_xiong_9083	53	T/C
UN_xiong_9083	319	T/C
UN_xiong_9083	342	A/G
UN_xiong_9083	585	T/A
UN_xiong_9083	606	A/G
UN_xiong_9083	638	G/C
UN_xiong_9083	700	A/G
UN_xiong_9083	853	A/C
UN_xiong_9097	340	G/A
UN_xiong_9097	677	G/A
UN_xiong_9105	33	G/A
UN_xiong_9105	77	C/T
UN_xiong_9105	117	A/G
UN_xiong_9105	140	C/A
UN_xiong_9105	200	C/A
UN_xiong_9105	238	A/G
UN_xiong_9105	272	C/T
UN_xiong_9105	300	A/G
UN_xiong_9105	339	C/T

UN_xiong_9105	398	C/T
UN_xiong_9105	418	T/C
UN_xiong_9105	472	T/C
UN_xiong_9105	630	C/T
UN_xiong_9105	663	C/A
UN_xiong_9107	192	A/G
UN_xiong_9133	282	T/C
UN_xiong_9136	98	T/C
UN_xiong_9146	60	C/T
UN_xiong_9158	88	C/T
UN_xiong_9158	143	T/C
UN_xiong_9163	231	A/G
UN_xiong_9163	583	A/G
UN_xiong_9163	652	A/G
UN_xiong_9163	727	A/T
UN_xiong_9165	225	T/C
UN_xiong_9166	363	T/C
UN_xiong_9166	383	C/T
UN_xiong_9167	274	T/C
UN_xiong_9170	506	A/G
UN_xiong_9185	31	A/T
UN_xiong_9185	242	G/T
UN_xiong_9185	528	G/T
UN_xiong_9185	709	T/C
UN_xiong_9185	729	C/T
UN_xiong_9190	232	A/G
UN_xiong_9200	188	T/C
UN_xiong_9203	192	A/G
UN_xiong_9203	374	A/G
UN_xiong_9203	434	T/A
UN_xiong_9219	136	T/C
UN_xiong_9219	323	C/A
UN_xiong_9221	232	C/T
UN_xiong_9224	145	A/G
UN_xiong_9227	319	C/T
UN_xiong_9227	340	G/T
UN_xiong_9227	528	G/C
UN_xiong_9230	118	A/G
UN_xiong_9230	328	T/C
UN_xiong_9230	567	A/T
UN_xiong_9230	618	T/G
UN_xiong_9230	798	G/T
UN_xiong_9230	855	T/A
UN_xiong_9230	931	A/G
UN_xiong_9230	970	T/C
UN_xiong_9230	1116	C/T
UN_xiong_9230	1178	A/G

UN_xiong_9230	1230	C/A
UN_xiong_9230	1268	C/T
UN_xiong_9243	73	A/G
UN_xiong_9243	221	G/A
UN_xiong_9243	256	T/G
UN_xiong_9267	647	G/A
UN_xiong_9267	682	T/C
UN_xiong_9267	848	A/C
UN_xiong_9267	1057	A/G
UN_xiong_9267	1104	A/G
UN_xiong_9283	168	T/C
UN_xiong_9283	270	A/T
UN_xiong_9283	293	G/A
UN_xiong_9283	417	C/G
UN_xiong_9287	74	T/C
UN_xiong_9287	105	G/A
UN_xiong_9300	48	A/T
UN_xiong_9303	242	C/T
UN_xiong_9311	74	T/C
UN_xiong_9322	157	T/C
UN_xiong_9322	210	C/T
UN_xiong_9322	320	T/G
UN_xiong_9324	55	C/G
UN_xiong_9335	329	G/A
UN_xiong_9343	390	C/T
UN_xiong_9343	777	T/C
UN_xiong_9343	834	T/G
UN_xiong_9343	1045	A/T
UN_xiong_9359	1082	T/A
UN_xiong_9365	86	G/A
UN_xiong_9382	536	T/C
UN_xiong_9382	614	G/A
UN_xiong_9403	164	C/A
UN_xiong_9403	284	A/C
UN_xiong_9405	335	C/T
UN_xiong_9415	40	C/G
UN_xiong_9415	73	G/T
UN_xiong_9424	144	C/T
UN_xiong_9424	195	T/C
UN_xiong_9424	239	A/T
UN_xiong_9424	262	G/T
UN_xiong_9424	312	G/T
UN_xiong_9424	344	G/A
UN_xiong_9424	387	C/T
UN_xiong_9424	491	T/G
UN_xiong_9426	150	C/T
UN_xiong_9426	318	T/C

UN_xiong_9426	380	A/G
UN_xiong_9426	434	C/T
UN_xiong_9427	57	G/C
UN_xiong_9429	96	T/G
UN_xiong_9456	246	C/T
UN_xiong_9456	281	C/T
UN_xiong_9482	45	G/A
UN_xiong_9482	166	C/T
UN_xiong_9488	199	C/A
UN_xiong_9488	266	T/C
UN_xiong_9503	677	T/C
UN_xiong_9510	150	G/T
UN_xiong_9513	120	T/G
UN_xiong_9513	160	C/T
UN_xiong_9538	379	A/G
UN_xiong_9538	474	T/C
UN_xiong_9546	12	T/C
UN_xiong_9546	32	T/C
UN_xiong_9546	240	T/C
UN_xiong_9546	346	G/T
UN_xiong_9546	370	A/G
UN_xiong_9546	453	A/G
UN_xiong_9546	473	G/A
UN_xiong_9546	547	T/C
UN_xiong_9546	607	A/G
UN_xiong_9546	670	A/T
UN_xiong_9546	691	G/A
UN_xiong_9546	711	A/G
UN_xiong_9546	925	A/G
UN_xiong_9546	1471	G/T
UN_xiong_9546	1621	G/A
UN_xiong_9546	1864	A/G
UN_xiong_9546	1979	A/G
UN_xiong_9546	2036	T/C
UN_xiong_9546	2283	A/G
UN_xiong_9548	158	A/G
UN_xiong_9552	90	C/A
UN_xiong_9553	111	T/C
UN_xiong_9555	75	A/G
UN_xiong_9555	146	T/G
UN_xiong_9570	617	C/T
UN_xiong_9570	702	T/C
UN_xiong_9570	760	A/G
UN_xiong_9570	785	G/T
UN_xiong_9570	815	C/T
UN_xiong_9570	890	G/T
UN_xiong_9570	952	A/G

UN_xiong_9570	1064	A/G
UN_xiong_9570	1138	A/G
UN_xiong_9571	127	T/A
UN_xiong_9585	430	A/G
UN_xiong_9585	470	T/A
UN_xiong_9585	735	C/T
UN_xiong_9585	783	T/C
UN_xiong_9585	1011	G/A
UN_xiong_9585	1087	T/C
UN_xiong_9586	528	A/G
UN_xiong_9586	678	C/T
UN_xiong_9588	71	G/A
UN_xiong_9588	102	A/G
UN_xiong_9588	135	G/A
UN_xiong_9589	318	G/T
UN_xiong_9596	16	A/G
UN_xiong_9600	77	T/C
UN_xiong_9600	114	G/A
UN_xiong_9603	77	C/T
UN_xiong_9610	699	A/T
UN_xiong_9610	854	G/T
UN_xiong_9617	172	C/T
UN_xiong_9623	294	A/G
UN_xiong_9629	350	A/G
UN_xiong_9636	409	G/A
UN_xiong_9636	565	A/G
UN_xiong_9652	465	T/C
UN_xiong_9653	273	G/A
UN_xiong_9653	600	C/T
UN_xiong_9655	21	G/A
UN_xiong_9655	448	T/C
UN_xiong_9655	480	T/C
UN_xiong_9655	646	T/C
UN_xiong_9668	21	A/G
UN_xiong_9668	207	C/T
UN_xiong_9671	262	G/A
UN_xiong_9676	171	G/A
UN_xiong_9682	166	T/A
UN_xiong_9683	17	A/G
UN_xiong_9691	97	A/G
UN_xiong_9691	166	G/T
UN_xiong_9693	710	A/T
UN_xiong_9698	155	G/A
UN_xiong_9698	210	G/C
UN_xiong_9698	241	A/G
UN_xiong_9698	301	T/C
UN_xiong_9701	341	A/G

UN_xiong_9703	107	A/G
UN_xiong_9715	388	A/G
UN_xiong_9715	540	C/T
UN_xiong_9720	185	A/T
UN_xiong_9726	456	G/A
UN_xiong_9726	544	C/G
UN_xiong_9727	260	C/T
UN_xiong_9735	433	G/A
UN_xiong_9735	618	T/C
UN_xiong_9737	80	C/T
UN_xiong_9737	267	G/A
UN_xiong_9738	15	T/A
UN_xiong_9738	205	T/C
UN_xiong_9738	237	C/T
UN_xiong_9738	798	C/A
UN_xiong_9739	47	G/A
UN_xiong_9739	226	T/C
UN_xiong_9739	601	T/C
UN_xiong_9739	622	G/A
UN_xiong_9743	39	G/A
UN_xiong_9743	65	A/G
UN_xiong_9743	290	A/C
UN_xiong_9760	328	C/T
UN_xiong_9760	348	G/A
UN_xiong_9760	522	C/T
UN_xiong_9760	639	G/A
UN_xiong_9760	682	G/A
UN_xiong_9761	71	A/G
UN_xiong_9761	260	A/T
UN_xiong_9761	291	T/C
UN_xiong_9761	502	A/G
UN_xiong_9761	578	C/T
UN_xiong_9767	345	T/A
UN_xiong_9779	79	C/T
UN_xiong_9790	234	C/T
UN_xiong_9796	43	A/G
UN_xiong_9803	128	T/G
UN_xiong_9803	340	C/A
UN_xiong_9803	440	T/A
UN_xiong_9809	89	A/G
UN_xiong_9817	137	A/G
UN_xiong_9817	159	A/G
UN_xiong_9817	245	T/G
UN_xiong_9817	310	A/G
UN_xiong_9833	514	G/A
UN_xiong_9844	177	C/T
UN_xiong_9845	140	T/A

UN_xiong_9845	531	A/G
UN_xiong_9845	752	G/A
UN_xiong_9845	827	T/C
UN_xiong_9845	916	A/G
UN_xiong_9854	6	G/A
UN_xiong_9854	124	T/C
UN_xiong_9854	174	A/T
UN_xiong_9868	253	C/A
UN_xiong_9868	365	A/G
UN_xiong_9868	524	A/T
UN_xiong_9876	321	A/G
UN_xiong_9876	407	T/C
UN_xiong_9876	653	C/G
UN_xiong_9876	968	G/A
UN_xiong_9888	807	G/A
UN_xiong_9896	325	T/C
UN_xiong_9902	716	T/C
UN_xiong_9911	416	C/T
UN_xiong_9917	220	T/C
UN_xiong_9941	505	T/C
UN_xiong_9955	212	G/A
UN_xiong_9969	313	C/T
UN_xiong_9969	601	G/C
UN_xiong_9969	622	C/T
UN_xiong_9969	722	G/A
UN_xiong_9969	848	A/G
UN_xiong_9970	369	G/A
UN_xiong_9985	138	G/C
UN_xiong_9985	606	T/A
UN_xiong_9985	648	T/G
UN_xiong_9985	698	T/C
UN_xiong_9985	867	A/G
UN_xiong_9988	81	C/T
UN_xiong_9988	108	G/A
UN_xiong_9988	170	G/A
UN_xiong_9995	341	A/C
UN_xiong_9995	388	G/T
UN_xiong_10005	170	G/A
UN_xiong_10027	6	A/T
UN_xiong_10027	34	T/C
UN_xiong_10027	122	T/C
UN_xiong_10027	173	T/C
UN_xiong_10027	199	A/G
UN_xiong_10027	246	A/G
UN_xiong_10027	270	A/G
UN_xiong_10027	290	A/G
UN_xiong_10027	460	T/C

UN_xiong_10027	514	T/C
UN_xiong_10027	550	C/T
UN_xiong_10027	592	T/G
UN_xiong_10027	635	A/G
UN_xiong_10027	702	A/G
UN_xiong_10027	753	A/G
UN_xiong_10027	791	C/T
UN_xiong_10035	82	G/A
UN_xiong_10035	216	A/G
UN_xiong_10058	316	T/C
UN_xiong_10060	48	G/A
UN_xiong_10060	292	T/G
UN_xiong_10060	320	A/G
UN_xiong_10064	149	A/G
UN_xiong_10067	696	A/G
UN_xiong_10067	727	G/C
UN_xiong_10069	175	C/G
UN_xiong_10069	275	A/G
UN_xiong_10083	19	C/T
UN_xiong_10083	254	T/C
UN_xiong_10083	290	G/T
UN_xiong_10083	339	C/A
UN_xiong_10083	379	A/G
UN_xiong_10083	452	T/C
UN_xiong_10083	517	C/A
UN_xiong_10083	640	G/C
UN_xiong_10083	667	T/C
UN_xiong_10083	808	C/T
UN_xiong_10088	151	A/G
UN_xiong_10088	171	G/A
UN_xiong_10088	232	G/A
UN_xiong_10090	182	A/G
UN_xiong_10090	469	A/T
UN_xiong_10096	95	T/C
UN_xiong_10096	391	G/A
UN_xiong_10103	733	T/C
UN_xiong_10109	314	A/T
UN_xiong_10111	314	C/T
UN_xiong_10111	420	C/T
UN_xiong_10122	229	A/G
UN_xiong_10127	371	A/T
UN_xiong_10127	492	G/A
UN_xiong_10135	267	A/G
UN_xiong_10135	551	G/A
UN_xiong_10142	270	G/T
UN_xiong_10159	95	T/C
UN_xiong_10169	211	A/C

UN_xiong_10169	278	T/C
UN_xiong_10169	415	A/G
UN_xiong_10179	138	C/G
UN_xiong_10179	211	T/C
UN_xiong_10179	250	G/A
UN_xiong_10179	286	C/T
UN_xiong_10179	392	A/T
UN_xiong_10179	824	G/A
UN_xiong_10185	316	C/T
UN_xiong_10187	111	C/T
UN_xiong_10187	313	C/T
UN_xiong_10187	335	A/C
UN_xiong_10187	546	G/C
UN_xiong_10187	591	T/C
UN_xiong_10187	633	T/A
UN_xiong_10187	715	C/T
UN_xiong_10187	896	T/A
UN_xiong_10187	985	A/C
UN_xiong_10187	1030	C/T
UN_xiong_10197	536	T/C
UN_xiong_10203	70	C/T
UN_xiong_10203	254	C/T
UN_xiong_10219	260	T/C
UN_xiong_10233	355	T/A
UN_xiong_10238	163	A/G
UN_xiong_10253	1077	C/T
UN_xiong_10262	682	T/C
UN_xiong_10303	41	C/A
UN_xiong_10303	66	G/C
UN_xiong_10303	144	T/C
UN_xiong_10303	165	A/G
UN_xiong_10303	198	G/A
UN_xiong_10303	305	A/T
UN_xiong_10303	346	C/T
UN_xiong_10303	500	A/T
UN_xiong_10303	532	T/C
UN_xiong_10303	864	A/G
UN_xiong_10303	978	T/C
UN_xiong_10303	1027	G/T
UN_xiong_10303	1077	G/T
UN_xiong_10303	1103	T/C
UN_xiong_10303	1307	G/A
UN_xiong_10303	1359	C/A
UN_xiong_10337	199	T/A
UN_xiong_10347	524	T/C
UN_xiong_10347	1185	T/C
UN_xiong_10354	143	T/C

UN_xiong_10367	348	G/C
UN_xiong_10367	410	C/T
UN_xiong_10370	52	T/C
UN_xiong_10370	197	G/T
UN_xiong_10374	548	A/G
UN_xiong_10400	309	C/T
UN_xiong_10401	205	A/G
UN_xiong_10414	203	G/A
UN_xiong_10414	262	C/T
UN_xiong_10422	86	A/G
UN_xiong_10431	39	A/C
UN_xiong_10435	84	G/A
UN_xiong_10435	220	C/A
UN_xiong_10435	246	T/C
UN_xiong_10435	290	A/G
UN_xiong_10435	369	A/G
UN_xiong_10435	449	A/G
UN_xiong_10435	705	T/C
UN_xiong_10435	728	G/A
UN_xiong_10435	815	C/T
UN_xiong_10438	113	G/A
UN_xiong_10438	187	A/G
UN_xiong_10438	244	G/A
UN_xiong_10438	331	T/C
UN_xiong_10438	400	G/T
UN_xiong_10443	180	A/G
UN_xiong_10443	217	T/C
UN_xiong_10446	187	A/G
UN_xiong_10446	888	A/G
UN_xiong_10446	988	C/T
UN_xiong_10449	114	C/T
UN_xiong_10452	334	T/C
UN_xiong_10463	55	G/A
UN_xiong_10473	364	T/C
UN_xiong_10473	392	T/C
UN_xiong_10474	250	C/T
UN_xiong_10485	316	C/T
UN_xiong_10485	414	T/C
UN_xiong_10489	233	T/C
UN_xiong_10489	289	A/G
UN_xiong_10496	295	C/T
UN_xiong_10497	35	A/T
UN_xiong_10497	107	A/G
UN_xiong_10497	165	G/A
UN_xiong_10497	242	T/C
UN_xiong_10499	83	T/G
UN_xiong_10516	159	T/C

UN_xiong_10524	132	A/G
UN_xiong_10533	108	A/T
UN_xiong_10533	345	T/G
UN_xiong_10540	369	C/T
UN_xiong_10540	439	C/T
UN_xiong_10540	976	G/A
UN_xiong_10542	898	C/T
UN_xiong_10548	101	C/T
UN_xiong_10548	155	G/T
UN_xiong_10551	263	T/C
UN_xiong_10563	86	A/G
UN_xiong_10578	124	C/T
UN_xiong_10584	242	G/A
UN_xiong_10584	451	T/C
UN_xiong_10584	494	C/T
UN_xiong_10584	618	A/G
UN_xiong_10584	653	A/G
UN_xiong_10584	694	T/C
UN_xiong_10587	44	A/G
UN_xiong_10594	72	C/T
UN_xiong_10599	138	A/T
UN_xiong_10603	415	A/G
UN_xiong_10610	353	A/G
UN_xiong_10614	32	G/A
UN_xiong_10614	73	T/C
UN_xiong_10614	294	A/G
UN_xiong_10614	515	C/G
UN_xiong_10630	424	A/C
UN_xiong_10652	120	C/T
UN_xiong_10652	213	C/T
UN_xiong_10652	267	A/G
UN_xiong_10652	318	A/G
UN_xiong_10652	360	A/G
UN_xiong_10652	417	C/T
UN_xiong_10654	396	G/A
UN_xiong_10655	634	C/T
UN_xiong_10656	75	A/T
UN_xiong_10656	214	T/A
UN_xiong_10656	282	T/C
UN_xiong_10681	349	A/C
UN_xiong_10691	266	A/T
UN_xiong_10700	103	A/G
UN_xiong_10706	568	A/C
UN_xiong_10706	747	T/G
UN_xiong_10707	314	C/T
UN_xiong_10707	672	T/A
UN_xiong_10707	1835	T/G

UN_xiong_10707	1913	A/T
UN_xiong_10715	17	C/T
UN_xiong_10715	93	A/G
UN_xiong_10721	62	A/G
UN_xiong_10723	121	A/T
UN_xiong_10724	46	A/G
UN_xiong_10726	272	T/C
UN_xiong_10726	514	G/C
UN_xiong_10726	850	G/A
UN_xiong_10733	102	T/C
UN_xiong_10733	171	T/C
UN_xiong_10733	477	T/C
UN_xiong_10733	500	A/G
UN_xiong_10733	626	G/T
UN_xiong_10733	655	G/A
UN_xiong_10733	742	T/C
UN_xiong_10733	780	A/C
UN_xiong_10741	848	C/A
UN_xiong_10741	1122	T/C
UN_xiong_10741	1282	G/A
UN_xiong_10742	330	C/T
UN_xiong_10748	321	T/G
UN_xiong_10749	47	A/G
UN_xiong_10749	348	G/A
UN_xiong_10756	258	G/A
UN_xiong_10756	309	A/G
UN_xiong_10763	561	C/T
UN_xiong_10763	581	G/A
UN_xiong_10764	66	A/C
UN_xiong_10767	253	G/T
UN_xiong_10770	362	G/A
UN_xiong_10776	274	T/G
UN_xiong_10799	436	T/C
UN_xiong_10802	147	G/A
UN_xiong_10808	383	T/C
UN_xiong_10809	240	A/G
UN_xiong_10815	122	T/C
UN_xiong_10815	201	G/A
UN_xiong_10835	201	C/T
UN_xiong_10883	56	G/A
UN_xiong_10884	89	G/C
UN_xiong_10884	409	C/T
UN_xiong_10894	183	A/G
UN_xiong_10894	214	A/G
UN_xiong_10905	124	G/A
UN_xiong_10906	192	T/G
UN_xiong_10911	35	C/T

UN_xiong_10911	102	A/G
UN_xiong_10911	133	C/T
UN_xiong_10911	254	T/C
UN_xiong_10911	368	T/C
UN_xiong_10911	432	C/A
UN_xiong_10911	466	T/C
UN_xiong_10911	761	G/T
UN_xiong_10911	842	A/G
UN_xiong_10911	864	T/A
UN_xiong_10924	64	A/G
UN_xiong_10924	212	C/T
UN_xiong_10924	262	A/G
UN_xiong_10926	39	G/A
UN_xiong_10928	125	A/G
UN_xiong_10941	417	A/G
UN_xiong_10941	653	A/G
UN_xiong_10941	748	A/T
UN_xiong_10941	906	A/G
UN_xiong_10959	68	A/T
UN_xiong_10959	102	A/G
UN_xiong_10959	139	C/T
UN_xiong_10959	255	A/G
UN_xiong_10959	301	A/G
UN_xiong_10959	368	C/T
UN_xiong_10959	501	A/G
UN_xiong_10959	590	T/A
UN_xiong_10959	649	T/A
UN_xiong_10959	836	T/C
UN_xiong_10959	862	T/C
UN_xiong_10959	894	T/C
UN_xiong_10959	943	G/A
UN_xiong_10959	997	T/C
UN_xiong_10959	1084	A/G
UN_xiong_10971	309	G/A
UN_xiong_10974	409	T/C
UN_xiong_10981	624	C/T
UN_xiong_10999	230	A/G
UN_xiong_11012	278	T/A
UN_xiong_11012	634	T/C
UN_xiong_11012	673	G/A
UN_xiong_11012	1048	T/C
UN_xiong_11012	1080	G/A
UN_xiong_11012	1142	T/C
UN_xiong_11012	1204	G/A
UN_xiong_11012	1226	C/G
UN_xiong_11012	1300	A/G
UN_xiong_11012	1352	T/C

UN_xiong_11012	1468	T/C
UN_xiong_11012	1696	A/C
UN_xiong_11012	1775	T/C
UN_xiong_11021	304	C/A
UN_xiong_11023	675	C/T
UN_xiong_11026	220	T/C
UN_xiong_11026	265	G/A
UN_xiong_11031	111	C/T
UN_xiong_11031	134	A/G
UN_xiong_11041	277	A/G
UN_xiong_11054	298	G/C
UN_xiong_11054	358	C/T
UN_xiong_11054	393	A/G
UN_xiong_11056	238	C/T
UN_xiong_11064	50	G/A
UN_xiong_11064	166	A/T
UN_xiong_11064	278	A/C
UN_xiong_11064	331	A/C
UN_xiong_11086	201	C/T
UN_xiong_11113	589	A/G
UN_xiong_11125	245	A/G
UN_xiong_11125	314	A/C
UN_xiong_11128	488	C/A
UN_xiong_11142	114	C/T
UN_xiong_11146	401	A/G
UN_xiong_11146	552	A/G
UN_xiong_11148	158	T/C
UN_xiong_11153	427	A/T
UN_xiong_11153	491	A/G
UN_xiong_11153	637	A/G
UN_xiong_11167	677	G/T
UN_xiong_11170	129	A/G
UN_xiong_11170	195	A/C
UN_xiong_11181	668	T/G
UN_xiong_11195	352	G/A
UN_xiong_11196	64	A/G
UN_xiong_11196	633	G/A
UN_xiong_11196	680	T/A
UN_xiong_11213	383	G/A
UN_xiong_11213	461	C/T
UN_xiong_11226	775	T/C
UN_xiong_11227	71	G/A
UN_xiong_11238	260	G/A
UN_xiong_11251	106	T/G
UN_xiong_11251	228	T/A
UN_xiong_11251	314	A/G
UN_xiong_11251	502	G/A

UN_xiong_11264	173	G/C
UN_xiong_11274	164	A/G
UN_xiong_11274	236	A/G
UN_xiong_11274	383	A/G
UN_xiong_11275	105	G/A
UN_xiong_11286	31	A/G
UN_xiong_11288	195	G/A
UN_xiong_11295	182	T/A
UN_xiong_11302	198	T/C
UN_xiong_11302	314	T/A
UN_xiong_11302	334	C/A
UN_xiong_11306	159	A/G
UN_xiong_11308	33	C/A
UN_xiong_11308	150	T/C
UN_xiong_11308	258	T/C
UN_xiong_11317	375	T/C
UN_xiong_11317	702	G/A
UN_xiong_11324	124	C/T
UN_xiong_11327	115	A/G
UN_xiong_11327	153	G/T
UN_xiong_11327	268	G/T
UN_xiong_11327	302	T/C
UN_xiong_11332	76	A/G
UN_xiong_11336	187	C/T
UN_xiong_11336	257	C/T
UN_xiong_11336	297	T/C
UN_xiong_11338	168	G/T
UN_xiong_11342	641	A/G
UN_xiong_11342	1478	A/G
UN_xiong_11342	1686	C/T
UN_xiong_11351	93	G/C
UN_xiong_11364	262	C/T
UN_xiong_11364	282	C/T
UN_xiong_11364	499	A/C
UN_xiong_11366	157	A/T
UN_xiong_11371	227	A/G
UN_xiong_11374	8	G/T
UN_xiong_11378	27	A/G
UN_xiong_11378	116	T/A
UN_xiong_11403	156	C/T
UN_xiong_11431	254	T/C
UN_xiong_11431	294	C/T
UN_xiong_11443	77	C/T
UN_xiong_11449	112	A/G
UN_xiong_11464	683	G/A
UN_xiong_11464	1223	G/T
UN_xiong_11470	144	C/A

UN_xiong_11470	338	C/T
UN_xiong_11474	149	G/T
UN_xiong_11475	353	T/C
UN_xiong_11484	483	G/A
UN_xiong_11484	687	A/T
UN_xiong_11495	216	A/G
UN_xiong_11502	203	T/C
UN_xiong_11502	459	T/C
UN_xiong_11502	495	T/C
UN_xiong_11516	401	C/T
UN_xiong_11521	143	A/G
UN_xiong_11523	96	C/T
UN_xiong_11528	10	A/T
UN_xiong_11531	158	A/G
UN_xiong_11550	113	A/C
UN_xiong_11568	316	T/C
UN_xiong_11568	374	T/A
UN_xiong_11568	1154	T/C
UN_xiong_11569	84	T/C
UN_xiong_11569	119	T/C
UN_xiong_11569	267	A/T
UN_xiong_11580	103	G/A
UN_xiong_11580	213	A/T
UN_xiong_11580	237	A/G
UN_xiong_11580	304	G/A
UN_xiong_11585	209	G/A
UN_xiong_11585	267	G/C
UN_xiong_11600	134	A/G
UN_xiong_11600	169	G/A
UN_xiong_11600	283	T/C
UN_xiong_11613	182	T/G
UN_xiong_11613	374	A/G
UN_xiong_11615	169	A/G
UN_xiong_11627	681	T/C
UN_xiong_11636	132	T/C
UN_xiong_11636	314	C/T
UN_xiong_11645	437	A/G
UN_xiong_11645	692	C/T
UN_xiong_11645	786	T/G
UN_xiong_11650	71	A/G
UN_xiong_11652	303	C/T
UN_xiong_11652	394	G/C
UN_xiong_11652	471	T/G
UN_xiong_11670	314	T/G
UN_xiong_11680	24	T/C
UN_xiong_11685	263	A/G
UN_xiong_11687	359	T/C

UN_xiong_11692	201	T/C
UN_xiong_11708	88	A/G
UN_xiong_11708	168	C/T
UN_xiong_11731	358	C/A
UN_xiong_11755	73	C/A
UN_xiong_11755	144	T/G
UN_xiong_11755	497	A/G
UN_xiong_11755	569	G/A
UN_xiong_11755	710	C/G
UN_xiong_11761	310	C/T
UN_xiong_11761	332	G/A
UN_xiong_11761	601	G/T
UN_xiong_11761	1116	A/G
UN_xiong_11761	1224	A/C
UN_xiong_11761	1305	G/A
UN_xiong_11761	1349	G/A
UN_xiong_11761	1428	T/G
UN_xiong_11761	1528	T/C
UN_xiong_11783	28	G/A
UN_xiong_11783	193	A/C
UN_xiong_11783	234	G/C
UN_xiong_11795	332	C/T
UN_xiong_11797	267	C/T
UN_xiong_11805	351	A/G
UN_xiong_11811	97	C/T
UN_xiong_11827	479	C/T
UN_xiong_11827	745	A/G
UN_xiong_11855	552	C/T
UN_xiong_11863	640	G/A
UN_xiong_11870	396	C/T
UN_xiong_11870	454	G/A
UN_xiong_11880	557	C/T
UN_xiong_11880	660	T/C
UN_xiong_11902	24	A/G
UN_xiong_11902	50	A/C
UN_xiong_11907	80	A/G
UN_xiong_11919	352	G/T
UN_xiong_11935	180	T/C
UN_xiong_11935	452	A/C
UN_xiong_11942	633	A/G
UN_xiong_11967	338	A/G
UN_xiong_11967	494	T/C
UN_xiong_11967	563	G/T
UN_xiong_11967	694	T/C
UN_xiong_11980	393	C/T
UN_xiong_11980	1018	C/T
UN_xiong_11986	178	T/C

UN_xiong_12004	12	C/G
UN_xiong_12004	61	G/A
UN_xiong_12004	190	T/C
UN_xiong_12007	7	A/G
UN_xiong_12007	190	T/C
UN_xiong_12010	286	T/C
UN_xiong_12023	91	C/T
UN_xiong_12024	60	C/T
UN_xiong_12036	25	G/A
UN_xiong_12036	907	A/G
UN_xiong_12061	568	A/C
UN_xiong_12061	590	C/T
UN_xiong_12061	716	A/C
UN_xiong_12061	766	G/A
UN_xiong_12061	847	T/C
UN_xiong_12064	343	A/G
UN_xiong_12066	158	C/T
UN_xiong_12066	197	G/A
UN_xiong_12067	188	C/A
UN_xiong_12067	346	G/A
UN_xiong_12070	116	T/A
UN_xiong_12078	143	A/C
UN_xiong_12078	165	T/C
UN_xiong_12078	1141	G/T
UN_xiong_12088	835	C/T
UN_xiong_12088	866	A/T
UN_xiong_12091	320	C/A
UN_xiong_12093	57	T/A
UN_xiong_12093	206	C/G
UN_xiong_12093	261	G/A
UN_xiong_12093	307	A/G
UN_xiong_12093	469	G/A
UN_xiong_12101	74	C/T
UN_xiong_12101	309	G/A
UN_xiong_12115	131	G/A
UN_xiong_12115	230	A/T
UN_xiong_12115	318	T/C
UN_xiong_12115	351	G/A
UN_xiong_12115	640	A/T
UN_xiong_12115	686	C/G
UN_xiong_12115	889	A/G
UN_xiong_12130	83	A/T
UN_xiong_12130	139	A/G
UN_xiong_12130	232	G/T
UN_xiong_12137	616	C/G
UN_xiong_12137	777	C/T
UN_xiong_12137	1330	A/G

UN_xiong_12137	1857	A/G
UN_xiong_12137	2362	C/A
UN_xiong_12137	2731	A/G
UN_xiong_12139	246	G/A
UN_xiong_12139	383	A/G
UN_xiong_12139	426	G/A
UN_xiong_12140	73	C/G
UN_xiong_12140	249	A/G
UN_xiong_12140	473	G/A
UN_xiong_12149	134	T/C
UN_xiong_12149	189	A/T
UN_xiong_12149	317	G/A
UN_xiong_12170	420	A/C
UN_xiong_12170	654	G/A
UN_xiong_12177	292	T/C
UN_xiong_12177	426	A/T
UN_xiong_12177	466	A/G
UN_xiong_12184	262	A/C
UN_xiong_12190	210	T/C
UN_xiong_12190	241	A/G
UN_xiong_12200	294	T/G
UN_xiong_12205	134	T/G
UN_xiong_12214	232	C/T
UN_xiong_12226	215	G/T
UN_xiong_12227	157	C/T
UN_xiong_12227	324	G/A
UN_xiong_12237	293	C/G
UN_xiong_12237	1581	T/C
UN_xiong_12237	1833	G/C
UN_xiong_12264	329	T/C
UN_xiong_12278	64	T/A
UN_xiong_12278	131	A/T
UN_xiong_12278	160	A/G
UN_xiong_12278	184	A/G
UN_xiong_12278	226	A/G
UN_xiong_12278	255	G/A
UN_xiong_12278	280	T/G
UN_xiong_12278	339	G/A
UN_xiong_12278	371	A/G
UN_xiong_12278	434	T/C
UN_xiong_12278	491	G/T
UN_xiong_12278	520	C/T
UN_xiong_12278	556	A/G
UN_xiong_12278	591	G/A
UN_xiong_12278	623	A/G
UN_xiong_12278	696	C/T
UN_xiong_12278	721	A/G

UN_xiong_12278	747	T/C
UN_xiong_12278	780	C/T
UN_xiong_12278	827	A/T
UN_xiong_12278	863	A/G
UN_xiong_12278	897	A/G
UN_xiong_12278	1133	A/G
UN_xiong_12288	32	T/C
UN_xiong_12296	548	T/C
UN_xiong_12299	329	A/G
UN_xiong_12300	207	G/A
UN_xiong_12313	28	C/T
UN_xiong_12325	244	G/A
UN_xiong_12327	154	A/G
UN_xiong_12334	259	G/A
UN_xiong_12336	155	T/C
UN_xiong_12342	121	A/T
UN_xiong_12343	27	A/G
UN_xiong_12343	104	G/T
UN_xiong_12343	157	A/G
UN_xiong_12355	202	G/A
UN_xiong_12358	71	G/C
UN_xiong_12363	121	T/C
UN_xiong_12363	626	A/G
UN_xiong_12363	791	T/C
UN_xiong_12363	1128	T/C
UN_xiong_12363	1178	G/T
UN_xiong_12363	1249	T/A
UN_xiong_12363	1287	T/C
UN_xiong_12363	1331	T/C
UN_xiong_12363	1533	C/T
UN_xiong_12374	211	A/G
UN_xiong_12384	389	G/A
UN_xiong_12386	356	A/G
UN_xiong_12390	523	A/G
UN_xiong_12390	557	T/C
UN_xiong_12390	650	A/G
UN_xiong_12396	33	T/C
UN_xiong_12396	159	C/T
UN_xiong_12405	40	G/A
UN_xiong_12405	384	T/C
UN_xiong_12413	35	G/A
UN_xiong_12424	326	C/A
UN_xiong_12424	445	G/A
UN_xiong_12424	491	C/T
UN_xiong_12426	165	G/C
UN_xiong_12428	379	C/A
UN_xiong_12442	89	C/T

UN_xiong_12451	249	C/T
UN_xiong_12458	64	T/C
UN_xiong_12466	62	A/G
UN_xiong_12466	287	T/C
UN_xiong_12466	307	C/T
UN_xiong_12466	437	A/G
UN_xiong_12505	110	C/T
UN_xiong_12518	223	G/A
UN_xiong_12518	429	A/C
UN_xiong_12520	145	T/C
UN_xiong_12522	236	G/A
UN_xiong_12564	519	G/A
UN_xiong_12564	783	C/A
UN_xiong_12579	469	G/A
UN_xiong_12580	937	G/A
UN_xiong_12580	1007	G/A
UN_xiong_12580	2151	A/G
UN_xiong_12580	2623	T/C
UN_xiong_12583	192	T/C
UN_xiong_12583	317	T/C
UN_xiong_12586	44	T/G
UN_xiong_12606	63	A/G
UN_xiong_12617	1093	C/T
UN_xiong_12628	169	C/T
UN_xiong_12628	235	C/A
UN_xiong_12628	348	C/T
UN_xiong_12628	396	A/G
UN_xiong_12628	630	C/T
UN_xiong_12628	693	T/C
UN_xiong_12628	842	T/A
UN_xiong_12628	896	A/G
UN_xiong_12629	147	G/C
UN_xiong_12641	383	G/A
UN_xiong_12651	31	T/A
UN_xiong_12651	69	A/G
UN_xiong_12663	279	C/T
UN_xiong_12665	661	A/G
UN_xiong_12671	102	G/A
UN_xiong_12671	308	C/T
UN_xiong_12679	40	A/G
UN_xiong_12679	269	G/A
UN_xiong_12679	314	T/C
UN_xiong_12706	407	T/C
UN_xiong_12707	31	G/A
UN_xiong_12729	327	C/T
UN_xiong_12729	507	G/A
UN_xiong_12757	295	C/T

UN_xiong_12761	170	C/A
UN_xiong_12761	262	T/A
UN_xiong_12761	329	C/T
UN_xiong_12762	500	A/G
UN_xiong_12762	637	T/C
UN_xiong_12762	718	C/A
UN_xiong_12762	869	C/T
UN_xiong_12789	314	T/C
UN_xiong_12797	162	T/C
UN_xiong_12803	154	T/C
UN_xiong_12804	269	G/A
UN_xiong_12804	1072	T/C
UN_xiong_12804	1120	C/T
UN_xiong_12804	1234	G/C
UN_xiong_12816	302	C/A
UN_xiong_12825	900	A/T
UN_xiong_12828	101	C/A
UN_xiong_12830	125	C/A
UN_xiong_12830	190	T/C
UN_xiong_12830	465	G/A
UN_xiong_12830	732	C/A
UN_xiong_12852	139	G/A
UN_xiong_12859	659	A/C
UN_xiong_12859	687	G/C
UN_xiong_12859	718	C/T
UN_xiong_12859	757	T/C
UN_xiong_12868	183	T/A
UN_xiong_12868	354	G/A
UN_xiong_12868	380	G/A
UN_xiong_12868	433	C/A
UN_xiong_12868	458	T/G
UN_xiong_12868	510	C/T
UN_xiong_12868	641	C/T
UN_xiong_12868	662	C/T
UN_xiong_12875	211	C/A
UN_xiong_12875	466	A/G
UN_xiong_12890	475	C/T
UN_xiong_12890	691	G/A
UN_xiong_12893	145	A/G
UN_xiong_12894	153	A/G
UN_xiong_12896	294	T/C
UN_xiong_12898	226	T/C
UN_xiong_12899	207	C/T
UN_xiong_12900	43	T/C
UN_xiong_12932	138	C/T
UN_xiong_12932	373	C/T
UN_xiong_12936	964	A/G

UN_xiong_12936	1010	C/T
UN_xiong_12963	622	C/T
UN_xiong_12975	375	A/G
UN_xiong_12982	250	G/A
UN_xiong_12985	192	C/G
UN_xiong_12985	333	A/G
UN_xiong_12987	222	C/A
UN_xiong_12988	84	T/C
UN_xiong_12988	206	A/C
UN_xiong_12988	275	T/C
UN_xiong_12998	189	T/C
UN_xiong_13004	511	T/C
UN_xiong_13013	227	A/G
UN_xiong_13013	248	G/A
UN_xiong_13016	88	G/A
UN_xiong_13016	191	A/G
UN_xiong_13016	314	A/G
UN_xiong_13016	401	T/C
UN_xiong_13016	580	C/T
UN_xiong_13016	635	G/T
UN_xiong_13019	434	G/A
UN_xiong_13033	443	A/G
UN_xiong_13033	497	T/A
UN_xiong_13033	524	T/A
UN_xiong_13033	621	T/C
UN_xiong_13033	652	A/G
UN_xiong_13033	740	T/A
UN_xiong_13033	778	T/C
UN_xiong_13035	178	A/G
UN_xiong_13036	467	G/A
UN_xiong_13046	244	A/G
UN_xiong_13049	418	C/T
UN_xiong_13068	93	G/A
UN_xiong_13068	175	A/G
UN_xiong_13072	84	G/C
UN_xiong_13072	119	T/C
UN_xiong_13084	668	G/T
UN_xiong_13084	911	C/T
UN_xiong_13084	1010	G/A
UN_xiong_13084	1093	T/C
UN_xiong_13092	256	G/C
UN_xiong_13092	281	T/C
UN_xiong_13093	163	C/A
UN_xiong_13095	503	T/C
UN_xiong_13095	708	G/A
UN_xiong_13097	315	A/G
UN_xiong_13097	668	C/G

UN_xiong_13097	691	C/A
UN_xiong_13097	753	G/A
UN_xiong_13097	828	T/C
UN_xiong_13102	715	T/A
UN_xiong_13122	136	G/A
UN_xiong_13122	168	T/C
UN_xiong_13122	222	A/G
UN_xiong_13122	320	G/T
UN_xiong_13122	363	A/T
UN_xiong_13122	384	A/G
UN_xiong_13122	450	A/G
UN_xiong_13122	511	A/T
UN_xiong_13122	616	C/T
UN_xiong_13123	143	A/T
UN_xiong_13127	213	A/C
UN_xiong_13142	68	T/A
UN_xiong_13142	363	C/A
UN_xiong_13143	203	T/C
UN_xiong_13144	503	G/A
UN_xiong_13144	1301	C/T
UN_xiong_13144	1465	A/G
UN_xiong_13153	659	C/G
UN_xiong_13160	216	G/A
UN_xiong_13166	293	G/A
UN_xiong_13166	360	T/C
UN_xiong_13166	407	C/T
UN_xiong_13172	139	A/G
UN_xiong_13172	203	G/T
UN_xiong_13174	899	A/G
UN_xiong_13174	1408	T/C
UN_xiong_13191	82	A/G
UN_xiong_13191	193	A/G
UN_xiong_13191	259	G/A
UN_xiong_13191	346	A/C
UN_xiong_13191	382	T/C
UN_xiong_13191	487	C/G
UN_xiong_13191	608	T/A
UN_xiong_13198	865	A/T
UN_xiong_13200	194	C/A
UN_xiong_13231	261	A/C
UN_xiong_13231	369	C/T
UN_xiong_13260	211	T/C
UN_xiong_13260	1003	T/C
UN_xiong_13267	207	A/G
UN_xiong_13270	97	G/A
UN_xiong_13270	119	T/G
UN_xiong_13270	162	C/A

UN_xiong_13270	622	G/A
UN_xiong_13278	371	G/C
UN_xiong_13281	243	T/C
UN_xiong_13297	121	T/C
UN_xiong_13304	168	T/G
UN_xiong_13311	285	C/A
UN_xiong_13312	59	A/C
UN_xiong_13313	344	C/T
UN_xiong_13316	106	T/C
UN_xiong_13316	189	T/C
UN_xiong_13321	373	C/T
UN_xiong_13321	448	C/G
UN_xiong_13323	117	G/A
UN_xiong_13327	106	G/A
UN_xiong_13332	58	A/G
UN_xiong_13350	303	T/G
UN_xiong_13350	521	G/A
UN_xiong_13352	175	G/A
UN_xiong_13355	222	C/T
UN_xiong_13355	271	T/C
UN_xiong_13357	145	A/G
UN_xiong_13359	275	A/G
UN_xiong_13369	356	A/G
UN_xiong_13394	786	G/T
UN_xiong_13413	245	G/T
UN_xiong_13420	124	C/T
UN_xiong_13420	489	G/C
UN_xiong_13427	206	T/C
UN_xiong_13451	619	T/A
UN_xiong_13462	837	T/C
UN_xiong_13475	330	T/C
UN_xiong_13476	169	G/A
UN_xiong_13476	495	G/T
UN_xiong_13479	487	T/A
UN_xiong_13479	712	A/G
UN_xiong_13479	757	C/T
UN_xiong_13479	819	G/A
UN_xiong_13479	932	A/G
UN_xiong_13479	981	T/A
UN_xiong_13479	1002	T/C
UN_xiong_13480	25	T/C
UN_xiong_13480	69	A/G
UN_xiong_13480	125	G/A
UN_xiong_13480	176	T/C
UN_xiong_13480	200	C/T
UN_xiong_13480	253	T/C
UN_xiong_13480	274	A/G

UN_xiong_13480	313	A/G
UN_xiong_13480	375	G/A
UN_xiong_13480	512	C/T
UN_xiong_13480	535	T/C
UN_xiong_13480	562	A/G
UN_xiong_13480	585	C/T
UN_xiong_13480	624	T/C
UN_xiong_13480	655	G/A
UN_xiong_13480	686	A/T
UN_xiong_13480	724	T/A
UN_xiong_13480	744	C/A
UN_xiong_13484	458	A/T
UN_xiong_13495	424	T/C
UN_xiong_13515	305	A/G
UN_xiong_13530	56	A/G
UN_xiong_13530	241	C/A
UN_xiong_13530	387	A/G
UN_xiong_13530	483	T/C
UN_xiong_13530	736	C/T
UN_xiong_13534	146	G/A
UN_xiong_13548	106	C/T
UN_xiong_13551	302	T/C
UN_xiong_13552	307	C/T
UN_xiong_13553	236	A/T
UN_xiong_13559	114	T/C
UN_xiong_13569	22	A/G
UN_xiong_13569	49	A/T
UN_xiong_13569	79	A/G
UN_xiong_13569	129	G/A
UN_xiong_13569	162	T/C
UN_xiong_13569	219	T/C
UN_xiong_13569	269	T/A
UN_xiong_13569	311	G/A
UN_xiong_13569	400	A/G
UN_xiong_13569	435	T/C
UN_xiong_13569	460	A/G
UN_xiong_13569	588	A/G
UN_xiong_13569	653	T/A
UN_xiong_13569	678	C/T
UN_xiong_13569	734	T/C
UN_xiong_13569	754	T/C
UN_xiong_13569	775	T/C
UN_xiong_13569	831	A/G
UN_xiong_13569	971	A/T
UN_xiong_13569	1013	A/G
UN_xiong_13569	1081	G/A
UN_xiong_13569	1109	G/A

UN_xiong_13573	171	C/T
UN_xiong_13578	684	T/C
UN_xiong_13578	935	T/C
UN_xiong_13578	1066	A/G
UN_xiong_13578	1187	A/T
UN_xiong_13584	370	A/T
UN_xiong_13591	747	A/G
UN_xiong_13593	185	A/G
UN_xiong_13598	14	G/T
UN_xiong_13598	67	G/A
UN_xiong_13600	21	G/T
UN_xiong_13600	199	C/T
UN_xiong_13607	670	G/A
UN_xiong_13629	1609	A/G
UN_xiong_13629	1762	T/C
UN_xiong_13632	159	T/A
UN_xiong_13644	31	T/A
UN_xiong_13644	180	C/T
UN_xiong_13651	45	C/T
UN_xiong_13651	127	A/C
UN_xiong_13651	166	C/T
UN_xiong_13651	204	C/T
UN_xiong_13651	243	C/T
UN_xiong_13651	294	G/A
UN_xiong_13651	342	T/G
UN_xiong_13651	363	C/T
UN_xiong_13651	432	C/T
UN_xiong_13651	479	T/A
UN_xiong_13661	36	G/C
UN_xiong_13661	344	C/T
UN_xiong_13661	435	C/T
UN_xiong_13664	180	T/C
UN_xiong_13667	502	A/G
UN_xiong_13667	538	A/G
UN_xiong_13667	610	A/G
UN_xiong_13667	703	T/C
UN_xiong_13667	731	C/T
UN_xiong_13690	142	A/G
UN_xiong_13690	320	T/G
UN_xiong_13690	377	T/C
UN_xiong_13690	478	T/C
UN_xiong_13690	644	C/T
UN_xiong_13712	223	A/G
UN_xiong_13712	294	C/T
UN_xiong_13713	432	A/C
UN_xiong_13713	468	T/C
UN_xiong_13713	639	G/A

UN_xiong_13713	705	T/C
UN_xiong_13713	885	A/G
UN_xiong_13716	296	G/T
UN_xiong_13744	103	A/T
UN_xiong_13763	78	A/G
UN_xiong_13763	131	T/C
UN_xiong_13767	64	T/G
UN_xiong_13773	398	A/C
UN_xiong_13785	94	A/G
UN_xiong_13786	102	C/T
UN_xiong_13786	145	C/T
UN_xiong_13786	224	A/G
UN_xiong_13810	155	A/G
UN_xiong_13821	142	C/A
UN_xiong_13821	220	G/A
UN_xiong_13821	264	C/T
UN_xiong_13821	368	C/T
UN_xiong_13821	569	C/T
UN_xiong_13842	825	G/T
UN_xiong_13845	379	C/G
UN_xiong_13855	854	A/C
UN_xiong_13855	913	C/T
UN_xiong_13855	1056	T/C
UN_xiong_13855	1138	A/T
UN_xiong_13855	1192	G/A
UN_xiong_13855	1229	T/C
UN_xiong_13883	40	T/C
UN_xiong_13883	100	A/G
UN_xiong_13883	396	C/T
UN_xiong_13883	750	G/A
UN_xiong_13889	547	A/G
UN_xiong_13924	124	T/C
UN_xiong_13924	474	T/C
UN_xiong_13924	662	A/G
UN_xiong_13924	719	A/G
UN_xiong_13925	241	C/T
UN_xiong_13934	199	G/A
UN_xiong_13944	138	T/C
UN_xiong_13944	207	T/C
UN_xiong_13970	578	A/G
UN_xiong_13970	709	C/T
UN_xiong_13970	804	C/T
UN_xiong_13970	852	G/A
UN_xiong_13970	966	T/C
UN_xiong_13980	221	T/C
UN_xiong_13988	612	G/A
UN_xiong_13993	223	C/T

UN_xiong_13993	363	C/T
UN_xiong_13993	400	G/A
UN_xiong_13993	547	C/T
UN_xiong_13993	613	A/T
UN_xiong_13994	110	C/T
UN_xiong_14024	191	G/C
UN_xiong_14027	149	A/G
UN_xiong_14038	495	A/G
UN_xiong_14042	16	C/T
UN_xiong_14042	131	T/C
UN_xiong_14044	189	C/T
UN_xiong_14044	589	T/C
UN_xiong_14059	260	A/G
UN_xiong_14060	752	T/C
UN_xiong_14064	170	C/T
UN_xiong_14070	48	T/G
UN_xiong_14070	174	A/C
UN_xiong_14075	90	G/A
UN_xiong_14091	574	G/A
UN_xiong_14091	642	C/T
UN_xiong_14118	884	T/C
UN_xiong_14120	354	A/G
UN_xiong_14145	238	C/T
UN_xiong_14145	518	T/C
UN_xiong_14145	595	A/G
UN_xiong_14145	626	G/A
UN_xiong_14145	744	T/C
UN_xiong_14150	148	A/G
UN_xiong_14170	143	C/T
UN_xiong_14171	209	C/T
UN_xiong_14176	119	A/G
UN_xiong_14176	281	T/C
UN_xiong_14196	394	C/T
UN_xiong_14206	40	G/A
UN_xiong_14206	67	A/T
UN_xiong_14207	451	C/G
UN_xiong_14207	529	T/C
UN_xiong_14207	579	A/G
UN_xiong_14207	605	T/C
UN_xiong_14207	626	A/G
UN_xiong_14207	818	A/G
UN_xiong_14207	852	A/G
UN_xiong_14207	1047	G/A
UN_xiong_14207	1139	C/T
UN_xiong_14208	127	C/T
UN_xiong_14208	176	T/C
UN_xiong_14208	203	A/G

UN_xiong_14208	378	T/C
UN_xiong_14208	503	A/G
UN_xiong_14208	562	A/G
UN_xiong_14215	131	C/A
UN_xiong_14216	20	G/A
UN_xiong_14219	103	A/G
UN_xiong_14219	260	A/C
UN_xiong_14220	33	G/A
UN_xiong_14220	68	A/G
UN_xiong_14220	148	T/G
UN_xiong_14224	633	T/C
UN_xiong_14225	484	T/G
UN_xiong_14225	708	A/G
UN_xiong_14225	747	C/T
UN_xiong_14227	127	A/G
UN_xiong_14227	162	T/C
UN_xiong_14227	214	A/G
UN_xiong_14227	351	A/G
UN_xiong_14227	378	T/A
UN_xiong_14227	598	T/C
UN_xiong_14227	725	A/T
UN_xiong_14228	444	T/G
UN_xiong_14229	240	A/G
UN_xiong_14232	133	C/A
UN_xiong_14232	228	A/G
UN_xiong_14232	315	G/C
UN_xiong_14232	360	T/A
UN_xiong_14233	177	G/A
UN_xiong_14233	203	C/T
UN_xiong_14233	733	A/G
UN_xiong_14238	157	C/T
UN_xiong_14238	383	A/G
UN_xiong_14239	124	C/T
UN_xiong_14239	212	A/G
UN_xiong_14239	386	A/G
UN_xiong_14239	461	C/T
UN_xiong_14239	514	A/T
UN_xiong_14239	534	C/T
UN_xiong_14239	603	A/T
UN_xiong_14239	741	C/T
UN_xiong_14240	56	C/T
UN_xiong_14240	177	A/C
UN_xiong_14240	407	T/C
UN_xiong_14240	446	T/C
UN_xiong_14240	565	A/G
UN_xiong_14240	592	G/A
UN_xiong_14240	612	A/G

UN_xiong_14240	640	T/C
UN_xiong_14240	701	T/C
UN_xiong_14240	743	G/T
UN_xiong_14240	790	A/G
UN_xiong_14241	61	T/G
UN_xiong_14243	49	T/G
UN_xiong_14243	85	A/G
UN_xiong_14243	251	A/G
UN_xiong_14244	153	T/C
UN_xiong_14244	341	G/A
UN_xiong_14244	375	T/C
UN_xiong_14244	553	G/T
UN_xiong_14246	22	G/T
UN_xiong_14246	94	C/T
UN_xiong_14246	131	A/G
UN_xiong_14246	309	C/T
UN_xiong_14246	345	G/A
UN_xiong_14247	183	A/T
UN_xiong_14247	282	G/A
UN_xiong_14248	301	G/A
UN_xiong_14250	466	T/C
UN_xiong_14250	606	A/G
UN_xiong_14250	639	T/C
UN_xiong_14250	736	C/A
UN_xiong_14251	294	T/A
UN_xiong_14251	328	T/C
UN_xiong_14251	376	T/C
UN_xiong_14251	404	T/C
UN_xiong_14251	455	A/C
UN_xiong_14251	519	A/G
UN_xiong_14251	737	A/G
UN_xiong_14251	838	T/C
UN_xiong_14251	858	G/A
UN_xiong_14257	14	A/C
UN_xiong_14257	175	A/G
UN_xiong_14257	243	A/G
UN_xiong_14257	338	T/A
UN_xiong_14257	550	G/T
UN_xiong_14257	571	A/G
UN_xiong_14257	608	C/T
UN_xiong_14257	656	C/T
UN_xiong_14257	678	G/A
UN_xiong_14257	773	A/C
UN_xiong_14257	847	G/A
UN_xiong_14257	871	G/T
UN_xiong_14257	947	C/T
UN_xiong_14257	1001	G/C

UN_xiong_14257	1050	T/A
UN_xiong_14260	69	A/G
UN_xiong_14263	85	C/G
UN_xiong_14266	339	G/T
UN_xiong_14266	380	C/T
UN_xiong_14266	434	T/C
UN_xiong_14266	485	A/G
UN_xiong_14267	394	G/A
UN_xiong_14267	420	T/C
UN_xiong_14267	480	A/G
UN_xiong_14270	382	A/G
UN_xiong_14270	545	G/A
UN_xiong_14271	278	T/C
UN_xiong_14272	182	G/T
UN_xiong_14273	524	T/C
UN_xiong_14273	544	T/G
UN_xiong_14273	575	T/C
UN_xiong_14273	598	A/G
UN_xiong_14273	619	C/A
UN_xiong_14274	95	A/G
UN_xiong_14274	315	T/C
UN_xiong_14274	342	T/C
UN_xiong_14274	617	C/A
UN_xiong_14275	47	G/C
UN_xiong_14275	152	T/G
UN_xiong_14275	174	T/C
UN_xiong_14275	207	T/C
UN_xiong_14275	245	T/C
UN_xiong_14275	270	T/A
UN_xiong_14275	298	T/C
UN_xiong_14275	331	T/C
UN_xiong_14275	367	C/A
UN_xiong_14275	394	A/G
UN_xiong_14275	417	C/T
UN_xiong_14275	440	T/G
UN_xiong_14276	34	A/G
UN_xiong_14276	85	A/G
UN_xiong_14276	321	A/T
UN_xiong_14276	443	C/T
UN_xiong_14276	502	A/G
UN_xiong_14279	146	C/T
UN_xiong_14279	193	T/C
UN_xiong_14283	239	C/T
UN_xiong_14283	1277	G/T
UN_xiong_14285	368	G/A
UN_xiong_14285	395	C/T
UN_xiong_14285	436	T/C

UN_xiong_14285	464	A/G
UN_xiong_14286	82	C/T
UN_xiong_14286	203	T/C
UN_xiong_14286	334	A/G
UN_xiong_14286	383	T/C
UN_xiong_14286	584	T/C
UN_xiong_14288	258	C/A
UN_xiong_14290	46	G/T
UN_xiong_14292	333	G/A
UN_xiong_14292	428	C/A
UN_xiong_14292	1000	G/T
UN_xiong_14292	1049	A/G
UN_xiong_14292	1200	A/G
UN_xiong_14292	1220	C/T
UN_xiong_14292	1292	C/A
UN_xiong_14292	1325	A/G
UN_xiong_14292	1418	T/A
UN_xiong_14292	1609	A/G
UN_xiong_14292	1649	A/G
UN_xiong_14292	1695	C/T
UN_xiong_14292	1750	C/T
UN_xiong_14292	1810	A/G
UN_xiong_14292	1861	T/C
UN_xiong_14292	1932	T/C
UN_xiong_14292	2005	T/G
UN_xiong_14292	2050	A/G
UN_xiong_14292	2286	G/A
UN_xiong_14292	2375	C/A
UN_xiong_14294	12	G/T
UN_xiong_14294	42	T/C
UN_xiong_14294	114	T/A
UN_xiong_14294	193	G/A
UN_xiong_14295	190	G/A
UN_xiong_14297	106	A/G
UN_xiong_14299	326	A/C
UN_xiong_14302	366	A/G
UN_xiong_14302	394	G/A
UN_xiong_14302	416	G/A
UN_xiong_14302	1024	G/C
UN_xiong_14302	1257	T/A
UN_xiong_14302	1380	G/A
UN_xiong_14302	1552	T/C
UN_xiong_14303	116	G/T
UN_xiong_14303	204	A/G
UN_xiong_14303	240	A/G
UN_xiong_14303	269	G/A
UN_xiong_14303	365	A/G

UN_xiong_14305	219	C/T
UN_xiong_14307	145	T/G
UN_xiong_14307	188	T/A
UN_xiong_14307	271	A/G
UN_xiong_14307	363	G/A
UN_xiong_14307	404	A/G
UN_xiong_14308	168	T/C
UN_xiong_14308	200	T/C
UN_xiong_14308	367	A/T
UN_xiong_14308	462	T/C
UN_xiong_14308	603	G/A
UN_xiong_14309	140	G/A
UN_xiong_14309	230	C/A
UN_xiong_14309	271	G/A
UN_xiong_14309	348	A/G
UN_xiong_14309	422	C/A
UN_xiong_14312	92	A/G
UN_xiong_14312	159	T/G
UN_xiong_14312	183	T/C
UN_xiong_14312	210	T/C
UN_xiong_14312	233	G/A
UN_xiong_14312	278	A/G
UN_xiong_14312	316	T/C
UN_xiong_14312	343	G/A
UN_xiong_14312	384	T/C
UN_xiong_14312	411	A/G
UN_xiong_14312	443	T/C
UN_xiong_14312	470	T/C
UN_xiong_14313	46	G/T
UN_xiong_14313	184	T/A
UN_xiong_14313	365	G/T
UN_xiong_14313	683	A/G
UN_xiong_14313	717	T/C
UN_xiong_14313	762	T/C
UN_xiong_14313	834	C/T
UN_xiong_14314	54	T/C
UN_xiong_14316	443	C/T
UN_xiong_14320	202	T/A
UN_xiong_14320	228	T/C
UN_xiong_14322	51	G/T
UN_xiong_14322	77	A/G
UN_xiong_14322	127	C/G
UN_xiong_14322	175	C/G
UN_xiong_14325	319	T/C
UN_xiong_14325	468	A/T
UN_xiong_14326	205	A/G
UN_xiong_14326	303	G/A

UN_xiong_14326	324	C/T
UN_xiong_14326	509	A/G
UN_xiong_14326	597	G/A
UN_xiong_14326	1068	A/T
UN_xiong_14327	50	A/T
UN_xiong_14327	165	A/G
UN_xiong_14327	283	G/T
UN_xiong_14327	338	T/C
UN_xiong_14327	517	A/G
UN_xiong_14327	606	A/G
UN_xiong_14327	655	C/A
UN_xiong_14327	787	A/G
UN_xiong_14327	811	T/C
UN_xiong_14327	841	C/A
UN_xiong_14330	221	C/T
UN_xiong_14331	79	T/C
UN_xiong_14334	197	A/G
UN_xiong_14334	238	T/G
UN_xiong_14334	319	A/C
UN_xiong_14334	343	G/A
UN_xiong_14334	520	G/A
UN_xiong_14334	585	G/A
UN_xiong_14334	631	A/T
UN_xiong_14334	710	A/T
UN_xiong_14334	896	T/C
UN_xiong_14334	927	T/C
UN_xiong_14334	1090	G/A
UN_xiong_14337	412	A/C
UN_xiong_14337	802	G/T
UN_xiong_14341	2074	T/C
UN_xiong_14341	2132	C/T
UN_xiong_14343	59	C/G
UN_xiong_14343	118	A/G
UN_xiong_14344	244	T/C
UN_xiong_14344	338	A/G
UN_xiong_14346	266	T/A
UN_xiong_14346	2032	T/C
UN_xiong_14347	24	A/G
UN_xiong_14347	60	G/T
UN_xiong_14347	94	C/T
UN_xiong_14347	129	T/C
UN_xiong_14347	149	A/G
UN_xiong_14347	272	T/C
UN_xiong_14347	330	A/G
UN_xiong_14347	359	A/C
UN_xiong_14347	381	T/C
UN_xiong_14347	411	T/C

UN_xiong_14347	448	T/A
UN_xiong_14347	481	C/T
UN_xiong_14347	515	A/C
UN_xiong_14347	542	A/G
UN_xiong_14347	587	A/G
UN_xiong_14347	623	T/C
UN_xiong_14347	659	C/T
UN_xiong_14347	681	C/T
UN_xiong_14347	708	T/C
UN_xiong_14347	756	T/G
UN_xiong_14347	785	A/C
UN_xiong_14347	828	C/A
UN_xiong_14351	73	C/T
UN_xiong_14351	142	A/C
UN_xiong_14352	249	C/T
UN_xiong_14352	384	T/C
UN_xiong_14354	33	T/C
UN_xiong_14354	166	T/C
UN_xiong_14359	161	A/G
UN_xiong_14359	211	G/A
UN_xiong_14359	444	T/C
UN_xiong_14359	634	A/G
UN_xiong_14359	656	A/C
UN_xiong_14361	342	A/C
UN_xiong_14361	409	T/C
UN_xiong_14362	310	A/C
UN_xiong_14362	883	A/C
UN_xiong_14362	1031	C/G
UN_xiong_14362	1060	C/T
UN_xiong_14362	1128	C/A
UN_xiong_14363	373	G/T
UN_xiong_14364	750	T/G
UN_xiong_14367	471	G/A
UN_xiong_14368	61	A/C
UN_xiong_14370	49	C/T
UN_xiong_14370	92	A/G
UN_xiong_14373	337	A/G
UN_xiong_14375	27	A/G
UN_xiong_14375	484	A/G
UN_xiong_14375	565	T/C
UN_xiong_14375	601	G/A
UN_xiong_14375	626	T/C
UN_xiong_14376	56	T/C
UN_xiong_14377	133	T/A
UN_xiong_14377	196	A/C
UN_xiong_14377	288	T/C
UN_xiong_14377	313	A/G

UN_xiong_14377	369	A/G
UN_xiong_14377	393	A/T
UN_xiong_14377	436	T/C
UN_xiong_14377	678	A/G
UN_xiong_14377	781	A/G
UN_xiong_14377	956	C/T
UN_xiong_14381	108	A/G
UN_xiong_14383	498	A/G
UN_xiong_14383	542	G/A
UN_xiong_14383	581	C/T
UN_xiong_14383	706	T/C
UN_xiong_14383	732	G/A
UN_xiong_14383	806	A/G
UN_xiong_14383	986	C/T
UN_xiong_14384	60	A/G
UN_xiong_14385	162	T/C
UN_xiong_14385	400	T/C
UN_xiong_14386	383	G/C
UN_xiong_14388	446	T/C
UN_xiong_14388	544	A/C
UN_xiong_14388	825	T/C
UN_xiong_14395	341	A/G
UN_xiong_14395	629	C/T
UN_xiong_14395	662	G/T
UN_xiong_14395	685	C/A
UN_xiong_14395	737	T/A
UN_xiong_14395	769	C/G
UN_xiong_14395	823	C/G
UN_xiong_14395	852	G/T
UN_xiong_14395	934	C/T
UN_xiong_14396	39	T/C
UN_xiong_14396	93	C/T
UN_xiong_14396	115	A/G
UN_xiong_14396	235	T/A
UN_xiong_14396	295	C/T
UN_xiong_14396	333	A/C
UN_xiong_14397	734	G/T
UN_xiong_14397	838	A/C
UN_xiong_14397	893	A/C
UN_xiong_14397	1145	C/T
UN_xiong_14397	1442	C/T
UN_xiong_14397	1592	C/T
UN_xiong_14398	859	T/C
UN_xiong_14398	917	A/G
UN_xiong_14399	283	G/A
UN_xiong_14400	165	A/T
UN_xiong_14400	392	A/C

UN_xiong_14400	856	A/T
UN_xiong_14403	405	T/C
UN_xiong_14403	851	G/A
UN_xiong_14404	198	A/G
UN_xiong_14404	375	C/A
UN_xiong_14404	1101	A/G
UN_xiong_14404	1547	T/G
UN_xiong_14404	1603	C/T
UN_xiong_14404	1656	T/C
UN_xiong_14404	1678	A/C
UN_xiong_14406	301	G/T
UN_xiong_14407	644	A/G
UN_xiong_14407	797	A/G
UN_xiong_14407	910	G/A
UN_xiong_14407	1070	T/C
UN_xiong_14408	209	G/A
UN_xiong_14408	313	T/C
UN_xiong_14409	61	C/T
UN_xiong_14409	146	T/C
UN_xiong_14409	301	A/G
UN_xiong_14409	447	C/T
UN_xiong_14409	570	A/C
UN_xiong_14409	599	T/A
UN_xiong_14409	1128	A/T
UN_xiong_14409	1161	A/T
UN_xiong_14409	1220	G/A
UN_xiong_14411	299	C/A
UN_xiong_14411	465	C/T
UN_xiong_14412	995	A/G
UN_xiong_14414	137	A/G
UN_xiong_14414	205	A/T
UN_xiong_14414	643	A/G
UN_xiong_14414	792	T/C
UN_xiong_14414	839	T/C
UN_xiong_14414	870	A/T
UN_xiong_14418	65	G/A
UN_xiong_14419	899	T/C
UN_xiong_14419	1055	T/G
UN_xiong_14419	1206	C/A
UN_xiong_14421	153	A/C
UN_xiong_14422	109	C/T
UN_xiong_14422	193	T/C
UN_xiong_14423	71	G/A
UN_xiong_14423	111	A/G
UN_xiong_14434	222	C/A
UN_xiong_14437	187	T/C
UN_xiong_14437	386	A/G

UN_xiong_14437	624	A/G
UN_xiong_14437	832	A/T
UN_xiong_14437	875	T/C
UN_xiong_14437	970	T/A
UN_xiong_14438	173	A/G
UN_xiong_14440	121	G/A
UN_xiong_14440	143	A/T
UN_xiong_14440	315	A/G
UN_xiong_14442	305	A/T
UN_xiong_14443	636	G/T
UN_xiong_14444	52	C/T
UN_xiong_14444	310	A/G
UN_xiong_14444	757	A/G
UN_xiong_14444	815	A/G
UN_xiong_14444	843	A/G
UN_xiong_14444	1006	A/G
UN_xiong_14444	1083	A/G
UN_xiong_14444	1315	T/C
UN_xiong_14444	1338	T/C
UN_xiong_14444	1363	A/G
UN_xiong_14444	1398	A/G
UN_xiong_14444	1478	C/T
UN_xiong_14453	92	C/G
UN_xiong_14453	453	T/C
UN_xiong_14454	831	G/A
UN_xiong_14455	202	G/A
UN_xiong_14456	70	A/G
UN_xiong_14456	375	C/T
UN_xiong_14456	501	T/C
UN_xiong_14458	408	A/T
UN_xiong_14459	152	T/C
UN_xiong_14459	366	C/T
UN_xiong_14466	100	C/T
UN_xiong_14466	416	A/G
UN_xiong_14466	447	C/A
UN_xiong_14466	478	C/T
UN_xiong_14466	795	A/G
UN_xiong_14469	175	T/C
UN_xiong_14469	260	A/G
UN_xiong_14469	352	G/A
UN_xiong_14469	418	T/C
UN_xiong_14469	512	G/T
UN_xiong_14469	768	T/A
UN_xiong_14470	682	A/G
UN_xiong_14470	742	A/G
UN_xiong_14471	129	A/T
UN_xiong_14475	182	T/G

UN_xiong_14475	221	A/G
UN_xiong_14475	396	T/G
UN_xiong_14477	623	A/T
UN_xiong_14477	648	T/C
UN_xiong_14477	822	C/T
UN_xiong_14480	13	G/T
UN_xiong_14480	59	A/G
UN_xiong_14480	119	C/T
UN_xiong_14480	194	A/G
UN_xiong_14480	261	G/C
UN_xiong_14480	295	C/T
UN_xiong_14480	323	T/C
UN_xiong_14480	435	T/C
UN_xiong_14480	472	A/G
UN_xiong_14480	602	T/C
UN_xiong_14480	696	C/T
UN_xiong_14480	983	T/C
UN_xiong_14481	393	G/A
UN_xiong_14481	849	T/C
UN_xiong_14482	742	G/T
UN_xiong_14482	855	C/T
UN_xiong_14482	897	T/C
UN_xiong_14482	937	A/C
UN_xiong_14482	999	A/T
UN_xiong_14482	1033	C/T
UN_xiong_14482	1465	T/C
UN_xiong_14482	1485	T/C
UN_xiong_14482	1847	G/A
UN_xiong_14482	1893	G/A
UN_xiong_14482	2063	G/C
UN_xiong_14484	36	T/A
UN_xiong_14484	235	T/C
UN_xiong_14484	326	T/C
UN_xiong_14484	358	T/C
UN_xiong_14484	441	T/A
UN_xiong_14484	463	T/C
UN_xiong_14484	805	A/G
UN_xiong_14484	851	T/C
UN_xiong_14485	80	G/C
UN_xiong_14485	538	C/T
UN_xiong_14485	579	G/C
UN_xiong_14485	619	C/T
UN_xiong_14485	669	T/G
UN_xiong_14485	690	A/G
UN_xiong_14485	721	A/G
UN_xiong_14485	743	T/C
UN_xiong_14485	774	A/G

UN_xiong_14486	75	G/A
UN_xiong_14489	579	G/A
UN_xiong_14489	655	A/G
UN_xiong_14489	718	A/T
UN_xiong_14489	745	A/G
UN_xiong_14489	778	C/T
UN_xiong_14489	798	T/C
UN_xiong_14489	822	A/G
UN_xiong_14489	843	T/C
UN_xiong_14489	869	C/A
UN_xiong_14489	908	G/A
UN_xiong_14489	1030	T/C
UN_xiong_14489	1105	T/C
UN_xiong_14489	1125	T/A
UN_xiong_14490	53	C/A
UN_xiong_14490	224	T/C
UN_xiong_14490	525	T/C
UN_xiong_14491	97	C/A
UN_xiong_14491	118	C/T
UN_xiong_14491	158	C/T
UN_xiong_14491	276	G/A
UN_xiong_14493	436	A/G
UN_xiong_14493	567	A/G
UN_xiong_14493	908	A/G
UN_xiong_14493	966	T/G
UN_xiong_14493	1054	C/T
UN_xiong_14494	313	G/T
UN_xiong_14494	371	C/T
UN_xiong_14494	818	A/G
UN_xiong_14495	335	C/T
UN_xiong_14496	98	C/A
UN_xiong_14496	154	C/A
UN_xiong_14497	65	A/C
UN_xiong_14497	257	C/T
UN_xiong_14497	359	A/C
UN_xiong_14497	1022	G/A
UN_xiong_14497	1085	T/C
UN_xiong_14497	1164	A/G
UN_xiong_14497	1242	A/G
UN_xiong_14500	495	G/A
UN_xiong_14500	548	T/G
UN_xiong_14500	684	C/T
UN_xiong_14500	812	A/G
UN_xiong_14500	839	T/A
UN_xiong_14503	293	C/T
UN_xiong_14505	456	T/C
UN_xiong_14505	610	G/A

UN_xiong_14508	442	T/C
UN_xiong_14508	465	T/C
UN_xiong_14509	245	A/G
UN_xiong_14509	292	T/G
UN_xiong_14509	364	G/A
UN_xiong_14509	401	C/T
UN_xiong_14509	448	A/G
UN_xiong_14512	325	G/A
UN_xiong_14512	506	G/A
UN_xiong_14512	600	A/T
UN_xiong_14516	175	C/G
UN_xiong_14518	240	G/T
UN_xiong_14522	536	T/C
UN_xiong_14522	729	C/A
UN_xiong_14522	848	C/T
UN_xiong_14522	891	G/C
UN_xiong_14522	967	A/G
UN_xiong_14522	998	T/C
UN_xiong_14522	1057	A/T
UN_xiong_14522	1135	C/T
UN_xiong_14522	1162	T/C
UN_xiong_14522	1295	A/G
UN_xiong_14522	1349	T/G
UN_xiong_14522	1394	A/T
UN_xiong_14522	1459	G/A
UN_xiong_14522	2025	T/C
UN_xiong_14522	2152	A/G
UN_xiong_14522	2772	A/G
UN_xiong_14522	2826	A/G
UN_xiong_14523	398	C/G
UN_xiong_14523	459	A/T
UN_xiong_14523	834	T/G
UN_xiong_14524	323	T/C
UN_xiong_14525	67	T/G
UN_xiong_14525	335	T/C
UN_xiong_14525	373	A/T
UN_xiong_14525	623	A/G
UN_xiong_14525	826	A/G
UN_xiong_14525	900	A/G
UN_xiong_14527	258	A/G
UN_xiong_14527	306	G/A
UN_xiong_14527	445	C/T
UN_xiong_14529	14	G/C
UN_xiong_14529	34	T/C
UN_xiong_14529	57	G/A
UN_xiong_14529	84	A/G
UN_xiong_14529	105	A/C

UN_xiong_14529	127	A/G
UN_xiong_14529	152	C/T
UN_xiong_14529	180	C/T
UN_xiong_14529	203	A/G
UN_xiong_14529	223	G/T
UN_xiong_14529	244	A/G
UN_xiong_14529	266	C/T
UN_xiong_14529	289	C/A
UN_xiong_14529	312	C/T
UN_xiong_14529	338	C/T
UN_xiong_14529	365	A/T
UN_xiong_14529	392	A/G
UN_xiong_14530	266	C/T
UN_xiong_14530	409	T/G
UN_xiong_14530	807	A/G
UN_xiong_14531	131	C/A
UN_xiong_14534	556	A/G
UN_xiong_14534	671	T/A
UN_xiong_14534	774	A/T
UN_xiong_14535	62	T/G
UN_xiong_14535	127	G/A
UN_xiong_14535	244	G/A
UN_xiong_14535	273	G/C
UN_xiong_14535	360	C/T
UN_xiong_14537	385	C/T
UN_xiong_14538	66	G/A
UN_xiong_14539	604	G/A
UN_xiong_14539	750	G/A
UN_xiong_14541	38	A/G
UN_xiong_14541	139	G/T
UN_xiong_14541	216	C/G
UN_xiong_14541	602	A/G
UN_xiong_14542	126	A/G
UN_xiong_14542	230	A/G
UN_xiong_14542	266	A/G
UN_xiong_14542	295	A/T
UN_xiong_14542	323	A/G
UN_xiong_14542	353	T/G
UN_xiong_14542	379	T/C
UN_xiong_14545	503	T/C
UN_xiong_14545	549	A/G
UN_xiong_14545	636	C/T
UN_xiong_14545	717	A/G
UN_xiong_14545	786	G/T
UN_xiong_14545	885	T/C
UN_xiong_14545	921	C/T
UN_xiong_14545	1028	C/T

UN_xiong_14545	1168	T/C
UN_xiong_14545	1207	A/G
UN_xiong_14545	1252	A/C
UN_xiong_14545	1298	A/G
UN_xiong_14545	1330	T/C
UN_xiong_14545	1357	G/T
UN_xiong_14545	1380	A/G
UN_xiong_14545	1403	T/C
UN_xiong_14545	1515	T/C
UN_xiong_14545	1553	T/C
UN_xiong_14545	1673	T/C
UN_xiong_14545	1760	T/C
UN_xiong_14545	1781	T/C
UN_xiong_14545	1819	T/C
UN_xiong_14545	1865	A/G
UN_xiong_14545	1914	C/T
UN_xiong_14546	115	G/T
UN_xiong_14546	136	C/T
UN_xiong_14546	157	G/A
UN_xiong_14546	205	C/T
UN_xiong_14546	244	C/T
UN_xiong_14550	345	C/T
UN_xiong_14553	85	A/G
UN_xiong_14553	180	T/C
UN_xiong_14553	240	T/C
UN_xiong_14553	447	A/G
UN_xiong_14553	591	T/C
UN_xiong_14553	613	C/T
UN_xiong_14553	724	A/G
UN_xiong_14553	750	T/C
UN_xiong_14553	816	A/G
UN_xiong_14553	846	A/G
UN_xiong_14553	1039	T/C
UN_xiong_14553	1083	A/G
UN_xiong_14553	1470	T/A
UN_xiong_14553	1491	T/G
UN_xiong_14555	13	G/T
UN_xiong_14555	287	G/T
UN_xiong_14555	313	T/C
UN_xiong_14555	338	G/T
UN_xiong_14555	469	A/C
UN_xiong_14557	356	A/C
UN_xiong_14561	495	T/C
UN_xiong_14562	331	A/T
UN_xiong_14562	425	C/T
UN_xiong_14563	32	T/G
UN_xiong_14563	374	C/A

UN_xiong_14563	895	T/C
UN_xiong_14563	1052	C/A
UN_xiong_14565	1118	C/T
UN_xiong_14565	1151	T/C
UN_xiong_14565	1205	A/G
UN_xiong_14565	1227	G/T
UN_xiong_14565	1271	C/T
UN_xiong_14565	1358	A/G
UN_xiong_14565	1380	G/A
UN_xiong_14565	1412	G/A
UN_xiong_14565	1454	G/C
UN_xiong_14565	1499	C/T
UN_xiong_14565	1520	G/A
UN_xiong_14565	1564	G/A
UN_xiong_14565	1608	A/G
UN_xiong_14565	1640	A/G
UN_xiong_14565	1732	T/C
UN_xiong_14565	1775	A/G
UN_xiong_14566	187	T/C
UN_xiong_14566	222	G/A
UN_xiong_14566	306	A/G
UN_xiong_14566	360	T/A
UN_xiong_14567	164	A/C
UN_xiong_14567	221	C/T
UN_xiong_14567	275	T/C
UN_xiong_14567	331	A/G
UN_xiong_14567	354	T/C
UN_xiong_14567	397	C/T
UN_xiong_14567	467	A/G
UN_xiong_14567	496	T/C
UN_xiong_14567	536	T/A
UN_xiong_14568	287	A/T
UN_xiong_14568	321	A/C
UN_xiong_14568	360	T/A
UN_xiong_14568	395	T/C
UN_xiong_14568	449	C/T
UN_xiong_14568	564	C/T
UN_xiong_14568	642	A/T
UN_xiong_14568	692	C/T
UN_xiong_14568	759	T/C
UN_xiong_14569	78	A/G
UN_xiong_14569	324	T/C
UN_xiong_14569	542	G/A
UN_xiong_14571	150	A/G
UN_xiong_14574	267	A/G
UN_xiong_14574	581	T/C
UN_xiong_14576	92	C/T

UN_xiong_14577	252	G/A
UN_xiong_14578	365	A/G
UN_xiong_14578	557	A/G
UN_xiong_14578	627	G/A
UN_xiong_14578	757	A/G
UN_xiong_14578	777	T/A
UN_xiong_14578	799	T/C
UN_xiong_14579	10	C/G
UN_xiong_14579	113	A/G
UN_xiong_14579	174	C/T
UN_xiong_14579	237	G/A
UN_xiong_14580	209	A/G
UN_xiong_14581	89	A/C
UN_xiong_14581	444	A/C
UN_xiong_14581	469	A/G
UN_xiong_14581	497	T/C
UN_xiong_14581	555	A/G
UN_xiong_14581	580	A/T
UN_xiong_14581	715	G/T
UN_xiong_14581	994	G/A
UN_xiong_14581	1068	T/C
UN_xiong_14582	397	T/C
UN_xiong_14584	305	C/T
UN_xiong_14584	564	A/G
UN_xiong_14584	771	T/C
UN_xiong_14584	796	A/G
UN_xiong_14584	824	T/C
UN_xiong_14584	994	A/G
UN_xiong_14584	1050	T/C
UN_xiong_14584	1104	T/C
UN_xiong_14584	1284	C/G
UN_xiong_14584	1335	A/C
UN_xiong_14584	1434	T/C
UN_xiong_14584	1504	T/C
UN_xiong_14584	1689	T/A
UN_xiong_14584	1782	T/G
UN_xiong_14585	34	A/G
UN_xiong_14585	72	A/T
UN_xiong_14585	104	C/A
UN_xiong_14585	182	T/C
UN_xiong_14585	204	C/T
UN_xiong_14585	227	T/G
UN_xiong_14585	259	A/G
UN_xiong_14585	291	T/C
UN_xiong_14585	325	C/T
UN_xiong_14585	376	C/G
UN_xiong_14585	418	A/G

UN_xiong_14590	635	T/A
UN_xiong_14590	716	T/C
UN_xiong_14591	181	C/T
UN_xiong_14591	771	C/G
UN_xiong_14591	918	T/C
UN_xiong_14591	954	C/G
UN_xiong_14591	1080	G/A
UN_xiong_14592	130	A/T
UN_xiong_14593	98	T/C
UN_xiong_14593	227	A/G
UN_xiong_14593	279	G/A
UN_xiong_14593	628	T/C
UN_xiong_14597	255	A/C
UN_xiong_14599	137	T/C
UN_xiong_14600	278	A/T
UN_xiong_14600	476	A/G
UN_xiong_14600	496	A/G
UN_xiong_14600	533	A/G
UN_xiong_14601	345	C/T
UN_xiong_14603	163	A/C
UN_xiong_14605	427	T/C
UN_xiong_14605	490	G/A
UN_xiong_14606	393	T/C
UN_xiong_14607	236	C/T
UN_xiong_14608	298	A/T
UN_xiong_14612	55	C/A
UN_xiong_14612	107	A/G
UN_xiong_14612	204	G/A
UN_xiong_14612	253	C/T
UN_xiong_14612	350	C/G
UN_xiong_14612	378	T/C
UN_xiong_14612	420	G/C
UN_xiong_14612	487	T/C
UN_xiong_14612	630	T/C
UN_xiong_14612	693	G/A
UN_xiong_14616	50	T/C
UN_xiong_14616	121	C/T
UN_xiong_14616	206	A/G
UN_xiong_14616	367	A/G
UN_xiong_14617	67	G/C
UN_xiong_14617	402	G/T
UN_xiong_14617	440	A/G
UN_xiong_14617	466	A/T
UN_xiong_14617	550	T/G
UN_xiong_14617	788	G/A
UN_xiong_14617	915	A/G
UN_xiong_14617	1051	C/T

UN_xiong_14617	1159	T/C
UN_xiong_14617	1256	A/G
UN_xiong_14617	1297	A/G
UN_xiong_14617	1366	A/G
UN_xiong_14617	1409	C/T
UN_xiong_14617	1465	G/T
UN_xiong_14617	1560	T/C
UN_xiong_14617	1626	T/C
UN_xiong_14617	1656	T/G
UN_xiong_14617	1695	T/G
UN_xiong_14617	1727	T/C
UN_xiong_14618	37	G/A
UN_xiong_14618	139	C/T
UN_xiong_14618	240	A/T
UN_xiong_14618	382	C/T
UN_xiong_14618	477	T/C
UN_xiong_14618	548	A/C
UN_xiong_14619	141	A/G
UN_xiong_14619	185	A/T
UN_xiong_14619	295	G/A
UN_xiong_14619	356	A/G
UN_xiong_14619	419	G/A
UN_xiong_14619	549	A/G
UN_xiong_14619	576	T/C
UN_xiong_14619	601	A/G
UN_xiong_14619	666	T/C
UN_xiong_14620	35	G/T
UN_xiong_14620	232	T/C
UN_xiong_14620	410	A/G
UN_xiong_14620	704	A/G
UN_xiong_14622	592	T/A
UN_xiong_14623	35	C/T
UN_xiong_14623	466	T/C
UN_xiong_14623	490	C/T
UN_xiong_14623	520	A/G
UN_xiong_14623	553	C/T
UN_xiong_14623	578	A/G
UN_xiong_14623	600	G/T
UN_xiong_14623	622	T/C
UN_xiong_14623	653	A/C
UN_xiong_14623	685	A/T
UN_xiong_14623	705	G/A
UN_xiong_14625	581	T/C
UN_xiong_14625	689	A/G
UN_xiong_14625	755	T/C
UN_xiong_14625	785	T/G
UN_xiong_14625	839	A/G

UN_xiong_14625	860	C/G
UN_xiong_14627	188	C/T
UN_xiong_14627	348	T/C
UN_xiong_14629	551	C/G
UN_xiong_14629	585	G/A
UN_xiong_14629	613	T/C
UN_xiong_14631	726	A/T
UN_xiong_14631	789	A/G
UN_xiong_14631	838	C/T
UN_xiong_14631	947	C/T
UN_xiong_14631	1194	G/A
UN_xiong_14631	1837	A/G
UN_xiong_14631	1989	A/T
UN_xiong_14631	2111	A/G
UN_xiong_14631	2150	T/C
UN_xiong_14631	2177	G/A
UN_xiong_14631	2198	G/A
UN_xiong_14631	2274	T/G
UN_xiong_14631	2326	T/C
UN_xiong_14631	2417	A/T
UN_xiong_14631	2479	A/G
UN_xiong_14631	2535	T/C
UN_xiong_14631	2598	T/C
UN_xiong_14631	2652	A/G
UN_xiong_14631	2686	T/C
UN_xiong_14631	2729	G/T
UN_xiong_14631	2882	A/G
UN_xiong_14631	3470	T/C
UN_xiong_14632	390	A/T
UN_xiong_14635	416	T/C
UN_xiong_14637	45	A/G
UN_xiong_14637	251	C/T
UN_xiong_14637	452	A/G
UN_xiong_14638	1093	C/G
UN_xiong_14640	218	A/G
UN_xiong_14640	308	A/G
UN_xiong_14640	328	T/C
UN_xiong_14640	372	T/C
UN_xiong_14640	415	T/A
UN_xiong_14640	440	T/C
UN_xiong_14640	540	T/C
UN_xiong_14640	576	G/A
UN_xiong_14640	663	T/C
UN_xiong_14641	43	G/T
UN_xiong_14641	85	T/C
UN_xiong_14641	244	A/G
UN_xiong_14641	316	A/C

UN_xiong_14641	597	T/G
UN_xiong_14641	759	G/T
UN_xiong_14641	812	T/C
UN_xiong_14641	869	G/A
UN_xiong_14641	960	C/T
UN_xiong_14641	1097	C/T
UN_xiong_14641	1338	T/C
UN_xiong_14641	1476	A/G
UN_xiong_14641	1516	T/C
UN_xiong_14641	1613	C/T
UN_xiong_14641	1680	G/A
UN_xiong_14641	1776	T/C
UN_xiong_14641	1803	T/C
UN_xiong_14641	1828	T/C
UN_xiong_14641	1983	T/C
UN_xiong_14643	48	T/A
UN_xiong_14644	772	T/C
UN_xiong_14645	415	C/T
UN_xiong_14645	468	C/T
UN_xiong_14645	569	A/G
UN_xiong_14648	87	A/G
UN_xiong_14648	121	T/C
UN_xiong_14648	340	T/C
UN_xiong_14652	60	A/G
UN_xiong_14652	345	G/T
UN_xiong_14655	279	T/G
UN_xiong_14656	222	T/C
UN_xiong_14658	402	A/C
UN_xiong_14658	496	T/C
UN_xiong_14660	316	T/A
UN_xiong_14660	438	C/A
UN_xiong_14660	527	T/C
UN_xiong_14660	560	A/G
UN_xiong_14660	585	A/G
UN_xiong_14660	676	C/T
UN_xiong_14660	698	T/C
UN_xiong_14660	730	C/T
UN_xiong_14660	826	C/T
UN_xiong_14660	870	T/C
UN_xiong_14660	1044	T/C
UN_xiong_14660	1186	T/C
UN_xiong_14660	1435	T/A
UN_xiong_14661	95	A/G
UN_xiong_14662	698	G/T
UN_xiong_14663	557	C/T
UN_xiong_14665	460	T/C
UN_xiong_14665	503	A/T

UN_xiong_14667	294	C/T
UN_xiong_14670	78	T/A
UN_xiong_14670	373	A/C
UN_xiong_14670	397	T/C
UN_xiong_14670	528	A/G
UN_xiong_14670	577	G/A
UN_xiong_14670	1435	T/C
UN_xiong_14672	285	A/G
UN_xiong_14672	564	A/G
UN_xiong_14672	989	T/G
UN_xiong_14672	1039	G/T
UN_xiong_14672	1197	C/T
UN_xiong_14672	1367	C/T
UN_xiong_14672	1493	A/G
UN_xiong_14672	1592	T/C
UN_xiong_14672	1671	A/G
UN_xiong_14672	1895	A/G
UN_xiong_14672	1984	A/T
UN_xiong_14672	2014	C/T
UN_xiong_14674	216	G/C
UN_xiong_14674	369	C/T
UN_xiong_14674	997	A/G
UN_xiong_14675	80	A/G
UN_xiong_14676	298	T/A
UN_xiong_14679	670	G/T
UN_xiong_14681	438	T/C
UN_xiong_14683	90	T/C
UN_xiong_14683	191	T/G
UN_xiong_14683	448	T/C
UN_xiong_14684	217	G/C
UN_xiong_14685	76	T/C
UN_xiong_14685	319	A/G
UN_xiong_14685	1196	G/A
UN_xiong_14687	90	A/G
UN_xiong_14687	171	A/G
UN_xiong_14687	662	T/C
UN_xiong_14687	1144	G/T
UN_xiong_14687	1295	A/G
UN_xiong_14687	1379	T/C
UN_xiong_14689	365	C/T
UN_xiong_14689	790	G/A
UN_xiong_14689	957	T/C
UN_xiong_14689	1053	G/A
UN_xiong_14689	1096	A/G
UN_xiong_14689	1322	T/C
UN_xiong_14691	545	C/T
UN_xiong_14691	669	A/G

UN_xiong_14692	613	C/A
UN_xiong_14692	784	A/G
UN_xiong_14692	1011	T/G
UN_xiong_14692	1038	A/T
UN_xiong_14692	1060	A/T
UN_xiong_14692	1090	T/C
UN_xiong_14692	1148	T/C
UN_xiong_14692	1201	T/C
UN_xiong_14692	1227	C/T
UN_xiong_14692	1375	G/A
UN_xiong_14692	1417	A/G
UN_xiong_14696	536	A/G
UN_xiong_14697	207	T/C
UN_xiong_14697	588	T/C
UN_xiong_14700	67	A/G
UN_xiong_14700	153	T/A
UN_xiong_14702	360	G/T
UN_xiong_14704	55	C/T
UN_xiong_14705	157	G/A
UN_xiong_14710	343	G/A
UN_xiong_14710	373	G/A
UN_xiong_14712	117	T/C
UN_xiong_14712	285	G/A
UN_xiong_14716	18	C/G
UN_xiong_14716	39	A/G
UN_xiong_14716	80	C/T
UN_xiong_14716	215	C/T
UN_xiong_14716	242	A/G
UN_xiong_14716	469	C/T
UN_xiong_14716	860	T/C
UN_xiong_14716	935	A/T
UN_xiong_14716	1028	A/G
UN_xiong_14716	1054	T/G
UN_xiong_14716	1087	C/T
UN_xiong_14716	1130	G/A
UN_xiong_14716	1284	T/C
UN_xiong_14716	1314	C/A
UN_xiong_14716	1415	T/A
UN_xiong_14716	1456	A/G
UN_xiong_14716	1479	A/G
UN_xiong_14716	1512	A/G
UN_xiong_14716	1532	A/G
UN_xiong_14716	1554	A/G
UN_xiong_14716	1579	T/C
UN_xiong_14716	1605	T/G
UN_xiong_14716	1626	T/C
UN_xiong_14716	1647	G/A

UN_xiong_14716	1688	C/T
UN_xiong_14716	1708	A/G
UN_xiong_14716	1794	G/C
UN_xiong_14717	19	G/A
UN_xiong_14717	372	A/G
UN_xiong_14717	550	A/G
UN_xiong_14717	588	T/C
UN_xiong_14717	703	A/G
UN_xiong_14718	344	T/C
UN_xiong_14718	583	A/T
UN_xiong_14720	401	T/C
UN_xiong_14720	1476	G/A
UN_xiong_14720	1499	T/C
UN_xiong_14721	427	T/C
UN_xiong_14721	501	G/A
UN_xiong_14721	524	A/G
UN_xiong_14721	1060	A/G
UN_xiong_14722	327	A/G
UN_xiong_14722	701	T/A
UN_xiong_14722	746	C/T
UN_xiong_14724	410	C/G
UN_xiong_14725	425	C/T
UN_xiong_14727	805	G/A
UN_xiong_14727	940	C/A
UN_xiong_14727	1014	C/T
UN_xiong_14727	1036	C/T
UN_xiong_14727	1068	T/C
UN_xiong_14727	1088	C/T
UN_xiong_14728	488	C/T
UN_xiong_14729	1922	C/T
UN_xiong_14729	1983	C/A
UN_xiong_14730	107	T/C
UN_xiong_14731	265	C/T
UN_xiong_14731	326	T/C
UN_xiong_14732	479	G/C
UN_xiong_14736	72	C/T
UN_xiong_14736	262	C/A
UN_xiong_14736	516	T/C
UN_xiong_14736	812	A/G
UN_xiong_14736	920	A/G
UN_xiong_14736	979	T/C
UN_xiong_14736	1098	A/G
UN_xiong_14736	1120	A/G
UN_xiong_14737	193	A/C
UN_xiong_14738	50	A/C
UN_xiong_14740	487	G/T
UN_xiong_14741	850	A/G

UN_xiong_14742	357	A/T
UN_xiong_14743	713	G/T
UN_xiong_14747	94	A/G
UN_xiong_14747	135	C/T
UN_xiong_14747	168	A/G
UN_xiong_14749	229	T/C
UN_xiong_14749	254	T/A
UN_xiong_14749	312	C/T
UN_xiong_14749	333	C/T
UN_xiong_14749	448	A/C
UN_xiong_14749	576	T/C
UN_xiong_14749	684	G/A
UN_xiong_14751	1696	C/T
UN_xiong_14751	1819	A/C
UN_xiong_14752	832	T/C
UN_xiong_14752	862	G/C
UN_xiong_14753	111	A/T
UN_xiong_14753	131	C/A
UN_xiong_14755	58	A/G
UN_xiong_14756	177	C/A
UN_xiong_14756	718	C/T
UN_xiong_14756	981	C/T
UN_xiong_14761	485	T/C
UN_xiong_14762	125	A/G
UN_xiong_14763	291	G/A
UN_xiong_14763	756	A/G
UN_xiong_14763	1001	T/C
UN_xiong_14763	1027	C/T
UN_xiong_14766	140	A/G
UN_xiong_14766	189	T/A
UN_xiong_14766	242	C/T
UN_xiong_14766	281	G/A
UN_xiong_14766	316	A/G
UN_xiong_14766	376	T/C
UN_xiong_14766	461	G/A
UN_xiong_14766	513	T/C
UN_xiong_14766	541	C/T
UN_xiong_14766	707	C/T
UN_xiong_14766	1684	T/C
UN_xiong_14766	1755	A/G
UN_xiong_14766	1899	C/G
UN_xiong_14768	630	T/C
UN_xiong_14768	697	A/T
UN_xiong_14772	104	T/G
UN_xiong_14772	209	A/G
UN_xiong_14772	229	A/G
UN_xiong_14772	341	T/C

UN_xiong_14772	370	T/G
UN_xiong_14772	684	T/C
UN_xiong_14772	1058	C/T
UN_xiong_14772	1186	G/A
UN_xiong_14772	1334	T/G
UN_xiong_14772	1405	T/C
UN_xiong_14772	1481	T/A
UN_xiong_14772	1517	T/A
UN_xiong_14773	175	T/A
UN_xiong_14774	417	C/T
UN_xiong_14775	153	G/A
UN_xiong_14775	214	A/G
UN_xiong_14778	393	A/G
UN_xiong_14778	491	T/G
UN_xiong_14778	566	A/G
UN_xiong_14780	253	A/T
UN_xiong_14781	764	G/A
UN_xiong_14781	787	C/T
UN_xiong_14781	853	A/G
UN_xiong_14781	991	A/G
UN_xiong_14783	64	T/C
UN_xiong_14783	123	A/G
UN_xiong_14783	201	C/T
UN_xiong_14783	227	C/T
UN_xiong_14783	446	A/G
UN_xiong_14783	505	A/G
UN_xiong_14783	571	C/T
UN_xiong_14783	633	A/T
UN_xiong_14784	45	A/G
UN_xiong_14784	169	T/C
UN_xiong_14784	333	T/C
UN_xiong_14784	646	G/A
UN_xiong_14784	670	T/A
UN_xiong_14786	373	T/C
UN_xiong_14786	755	A/G
UN_xiong_14786	789	A/G
UN_xiong_14786	901	T/C
UN_xiong_14786	926	T/C
UN_xiong_14786	966	A/G
UN_xiong_14788	123	G/A
UN_xiong_14788	159	C/T
UN_xiong_14789	268	C/T
UN_xiong_14789	303	A/G
UN_xiong_14789	332	A/C
UN_xiong_14789	603	T/C
UN_xiong_14791	19	A/G
UN_xiong_14791	283	A/G

UN_xiong_14791	310	G/A
UN_xiong_14791	352	C/T
UN_xiong_14791	432	C/T
UN_xiong_14791	598	T/C
UN_xiong_14791	667	G/A
UN_xiong_14793	205	G/C
UN_xiong_14793	229	A/T
UN_xiong_14793	446	G/A
UN_xiong_14795	358	T/C
UN_xiong_14795	521	A/G
UN_xiong_14795	738	T/C
UN_xiong_14796	125	A/T
UN_xiong_14800	83	T/C
UN_xiong_14800	498	G/A
UN_xiong_14801	81	G/T
UN_xiong_14801	157	G/A
UN_xiong_14801	213	A/G
UN_xiong_14801	507	T/C
UN_xiong_14801	550	T/C
UN_xiong_14802	636	T/C
UN_xiong_14802	1025	A/T
UN_xiong_14803	899	G/A
UN_xiong_14803	2251	T/C
UN_xiong_14804	97	A/G
UN_xiong_14804	164	C/T
UN_xiong_14805	361	C/T
UN_xiong_14805	1194	T/C
UN_xiong_14805	1238	A/T
UN_xiong_14805	1286	A/G
UN_xiong_14805	1490	C/T
UN_xiong_14805	1585	T/C
UN_xiong_14805	1639	A/G
UN_xiong_14805	1804	A/G
UN_xiong_14806	349	A/T
UN_xiong_14806	634	A/G
UN_xiong_14806	658	C/T
UN_xiong_14808	669	T/C
UN_xiong_14808	752	T/C
UN_xiong_14810	179	T/A
UN_xiong_14810	199	A/G
UN_xiong_14811	304	G/A
UN_xiong_14812	150	G/T
UN_xiong_14815	220	C/T
UN_xiong_14815	261	C/T
UN_xiong_14816	340	C/T
UN_xiong_14817	221	C/T
UN_xiong_14817	288	A/T

UN_xiong_14818	316	A/G
UN_xiong_14819	239	A/G
UN_xiong_14819	308	A/T
UN_xiong_14819	347	T/C
UN_xiong_14820	91	C/T
UN_xiong_14820	155	G/A
UN_xiong_14820	182	T/A
UN_xiong_14820	250	T/G
UN_xiong_14820	271	A/G
UN_xiong_14820	328	G/T
UN_xiong_14823	333	A/G
UN_xiong_14823	453	C/T
UN_xiong_14823	663	T/C
UN_xiong_14826	289	A/G
UN_xiong_14827	1012	C/A
UN_xiong_14828	210	A/G
UN_xiong_14828	406	A/C
UN_xiong_14829	333	A/T
UN_xiong_14829	891	T/C
UN_xiong_14832	342	T/C
UN_xiong_14833	458	T/C
UN_xiong_14833	635	A/G
UN_xiong_14833	662	C/A
UN_xiong_14835	100	A/G
UN_xiong_14835	332	T/C
UN_xiong_14835	679	T/C
UN_xiong_14836	166	T/C
UN_xiong_14836	344	A/G
UN_xiong_14836	448	G/A
UN_xiong_14836	628	A/G
UN_xiong_14836	1043	T/C
UN_xiong_14842	19	G/T
UN_xiong_14842	62	C/G
UN_xiong_14842	227	T/C
UN_xiong_14842	462	T/C
UN_xiong_14846	1017	G/A
UN_xiong_14846	1298	A/G
UN_xiong_14852	1033	T/C
UN_xiong_14852	1054	A/T
UN_xiong_14852	1198	A/G
UN_xiong_14852	1219	T/C
UN_xiong_14852	1241	T/G
UN_xiong_14852	1273	G/A
UN_xiong_14852	1351	A/T
UN_xiong_14854	202	A/G
UN_xiong_14854	381	C/T
UN_xiong_14854	475	T/C

UN_xiong_14855	592	T/C
UN_xiong_14856	744	G/C
UN_xiong_14858	140	G/T
UN_xiong_14859	569	G/A
UN_xiong_14859	647	A/G
UN_xiong_14859	993	T/G
UN_xiong_14860	643	G/A
UN_xiong_14862	76	T/G
UN_xiong_14864	341	C/G
UN_xiong_14868	287	G/A
UN_xiong_14868	405	A/G
UN_xiong_14868	516	A/T
UN_xiong_14868	611	T/C
UN_xiong_14869	183	C/T
UN_xiong_14869	240	G/A
UN_xiong_14869	261	A/T
UN_xiong_14869	401	G/C
UN_xiong_14869	1191	C/G
UN_xiong_14869	1239	G/A
UN_xiong_14869	1330	T/G
UN_xiong_14869	1443	G/A
UN_xiong_14869	1498	G/A
UN_xiong_14869	1518	G/A
UN_xiong_14871	43	A/G
UN_xiong_14871	67	G/A
UN_xiong_14871	102	C/A
UN_xiong_14871	130	A/G
UN_xiong_14871	329	T/C
UN_xiong_14873	420	G/A
UN_xiong_14873	720	C/T
UN_xiong_14873	831	T/C
UN_xiong_14873	976	T/C
UN_xiong_14873	1042	A/T
UN_xiong_14873	1078	A/G
UN_xiong_14873	1173	T/C
UN_xiong_14874	262	T/C
UN_xiong_14874	284	A/T
UN_xiong_14874	382	A/G
UN_xiong_14874	441	T/C
UN_xiong_14875	290	C/T
UN_xiong_14876	50	T/C
UN_xiong_14876	94	T/C
UN_xiong_14876	159	C/T
UN_xiong_14876	240	T/C
UN_xiong_14876	279	T/C
UN_xiong_14876	435	C/T
UN_xiong_14876	458	T/G

UN_xiong_14876	489	C/A
UN_xiong_14876	729	G/A
UN_xiong_14876	886	A/G
UN_xiong_14877	193	T/G
UN_xiong_14877	251	C/T
UN_xiong_14877	301	A/G
UN_xiong_14877	380	C/A
UN_xiong_14877	718	G/C
UN_xiong_14877	772	A/G
UN_xiong_14877	844	A/G
UN_xiong_14877	878	A/C
UN_xiong_14877	944	T/C
UN_xiong_14877	1375	T/C
UN_xiong_14877	1586	C/A
UN_xiong_14877	1789	A/C
UN_xiong_14877	1831	A/G
UN_xiong_14877	1853	G/T
UN_xiong_14877	1926	A/G
UN_xiong_14877	2052	G/A
UN_xiong_14880	277	G/A
UN_xiong_14881	198	C/T
UN_xiong_14881	603	T/A
UN_xiong_14881	690	G/A
UN_xiong_14881	909	C/T
UN_xiong_14881	1004	T/C
UN_xiong_14884	88	C/T
UN_xiong_14884	470	A/G
UN_xiong_14884	510	T/A
UN_xiong_14884	873	G/A
UN_xiong_14884	939	G/A
UN_xiong_14885	81	C/T
UN_xiong_14885	223	A/G
UN_xiong_14885	286	A/G
UN_xiong_14885	446	G/A
UN_xiong_14885	518	G/A
UN_xiong_14885	632	G/A
UN_xiong_14887	432	C/A
UN_xiong_14887	482	T/C
UN_xiong_14887	766	T/C
UN_xiong_14889	621	A/C
UN_xiong_14889	665	G/A
UN_xiong_14889	797	A/G
UN_xiong_14890	1098	C/T
UN_xiong_14891	119	A/G
UN_xiong_14891	511	G/T
UN_xiong_14893	40	G/T
UN_xiong_14893	63	A/G

UN_xiong_14893	92	A/G
UN_xiong_14894	68	C/A
UN_xiong_14894	239	A/C
UN_xiong_14894	283	C/T
UN_xiong_14895	11	G/C
UN_xiong_14895	392	G/T
UN_xiong_14895	698	C/T
UN_xiong_14896	93	T/C
UN_xiong_14896	228	T/C
UN_xiong_14896	427	G/A
UN_xiong_14896	597	G/T
UN_xiong_14896	773	C/T
UN_xiong_14897	286	T/A
UN_xiong_14897	315	C/T
UN_xiong_14897	338	G/T
UN_xiong_14898	81	A/T
UN_xiong_14899	401	C/T
UN_xiong_14899	828	A/T
UN_xiong_14900	833	T/A
UN_xiong_14902	80	A/G
UN_xiong_14903	24	T/C
UN_xiong_14904	367	G/A
UN_xiong_14905	256	T/C
UN_xiong_14905	276	A/G
UN_xiong_14905	298	G/A
UN_xiong_14905	332	T/A
UN_xiong_14905	371	A/T
UN_xiong_14905	395	A/G
UN_xiong_14905	415	C/T
UN_xiong_14905	460	T/C
UN_xiong_14905	485	A/G
UN_xiong_14905	508	A/G
UN_xiong_14905	530	A/G
UN_xiong_14905	563	T/C
UN_xiong_14905	589	G/T
UN_xiong_14905	609	A/G
UN_xiong_14905	639	A/C
UN_xiong_14905	663	T/C
UN_xiong_14905	683	T/C
UN_xiong_14905	707	T/C
UN_xiong_14905	738	G/A
UN_xiong_14905	762	T/C
UN_xiong_14905	791	T/C
UN_xiong_14905	817	T/C
UN_xiong_14905	840	A/G
UN_xiong_14905	863	A/G
UN_xiong_14905	884	T/C

UN_xiong_14905	908	A/T
UN_xiong_14905	940	A/G
UN_xiong_14905	961	C/T
UN_xiong_14905	986	T/C
UN_xiong_14905	1007	T/C
UN_xiong_14905	1027	T/C
UN_xiong_14905	1060	A/G
UN_xiong_14907	126	T/G
UN_xiong_14907	169	T/C
UN_xiong_14907	359	G/A
UN_xiong_14907	401	T/C
UN_xiong_14907	554	T/C
UN_xiong_14907	616	T/G
UN_xiong_14907	697	A/G
UN_xiong_14907	762	T/C
UN_xiong_14907	833	A/T
UN_xiong_14908	318	C/T
UN_xiong_14908	568	A/C
UN_xiong_14908	716	A/G
UN_xiong_14908	896	A/G
UN_xiong_14910	224	C/T
UN_xiong_14910	313	A/G
UN_xiong_14910	488	C/A
UN_xiong_14912	413	A/G
UN_xiong_14917	333	C/T
UN_xiong_14917	525	G/T
UN_xiong_14917	577	C/T
UN_xiong_14917	627	T/C
UN_xiong_14917	703	C/A
UN_xiong_14917	741	T/C
UN_xiong_14918	390	A/T
UN_xiong_14918	468	C/T
UN_xiong_14918	596	C/T
UN_xiong_14918	648	T/C
UN_xiong_14918	726	A/G
UN_xiong_14918	818	G/A
UN_xiong_14919	657	A/G
UN_xiong_14920	370	G/A
UN_xiong_14920	422	A/G
UN_xiong_14920	503	T/C
UN_xiong_14921	408	A/T
UN_xiong_14924	132	G/C
UN_xiong_14924	203	T/C
UN_xiong_14924	301	A/G
UN_xiong_14924	367	A/G
UN_xiong_14924	410	T/C
UN_xiong_14924	578	C/T

UN_xiong_14925	21	G/T
UN_xiong_14925	482	G/A
UN_xiong_14925	566	A/G
UN_xiong_14925	676	T/C
UN_xiong_14925	713	T/C
UN_xiong_14925	1056	C/T
UN_xiong_14925	1354	T/C
UN_xiong_14926	240	T/A
UN_xiong_14926	284	A/C
UN_xiong_14926	545	A/G
UN_xiong_14927	186	A/G
UN_xiong_14928	80	T/A
UN_xiong_14928	180	G/A
UN_xiong_14929	189	A/T
UN_xiong_14930	155	C/T
UN_xiong_14930	376	T/A
UN_xiong_14930	462	T/C
UN_xiong_14930	493	T/C
UN_xiong_14930	801	A/T
UN_xiong_14930	875	T/C
UN_xiong_14932	45	G/T
UN_xiong_14932	602	G/A
UN_xiong_14932	671	C/T
UN_xiong_14932	708	T/C
UN_xiong_14933	412	A/G
UN_xiong_14933	1152	G/A
UN_xiong_14936	409	T/C
UN_xiong_14937	139	T/C
UN_xiong_14937	311	C/T
UN_xiong_14937	491	A/G
UN_xiong_14937	529	T/C
UN_xiong_14937	817	C/T
UN_xiong_14937	900	A/G
UN_xiong_14937	988	T/C
UN_xiong_14940	56	G/A
UN_xiong_14941	268	C/T
UN_xiong_14943	345	T/G
UN_xiong_14943	396	A/G
UN_xiong_14943	442	T/C
UN_xiong_14943	507	A/G
UN_xiong_14945	155	G/C
UN_xiong_14947	308	C/A
UN_xiong_14947	668	C/T
UN_xiong_14952	461	A/G
UN_xiong_14952	513	A/G
UN_xiong_14954	495	G/T
UN_xiong_14954	526	T/C

UN_xiong_14956	628	A/T
UN_xiong_14956	1210	C/G
UN_xiong_14957	263	G/T
UN_xiong_14958	57	C/G
UN_xiong_14958	428	C/T
UN_xiong_14958	542	G/A
UN_xiong_14958	656	T/C
UN_xiong_14958	690	T/G
UN_xiong_14959	23	G/T
UN_xiong_14959	370	T/G
UN_xiong_14959	684	A/G
UN_xiong_14959	875	A/G
UN_xiong_14959	896	G/C
UN_xiong_14962	17	A/G
UN_xiong_14962	140	T/G
UN_xiong_14962	185	C/T
UN_xiong_14962	239	C/T
UN_xiong_14962	298	G/A
UN_xiong_14962	349	T/G
UN_xiong_14962	401	T/C
UN_xiong_14964	22	T/C
UN_xiong_14964	130	T/C
UN_xiong_14964	291	G/A
UN_xiong_14966	537	A/G
UN_xiong_14966	637	A/G
UN_xiong_14968	308	A/G
UN_xiong_14968	359	T/C
UN_xiong_14968	661	A/T
UN_xiong_14968	837	T/G
UN_xiong_14970	625	A/G
UN_xiong_14970	857	T/C
UN_xiong_14970	1249	A/G
UN_xiong_14972	88	G/A
UN_xiong_14972	197	T/C
UN_xiong_14972	735	T/C
UN_xiong_14973	379	C/T
UN_xiong_14974	192	G/A
UN_xiong_14974	246	C/A
UN_xiong_14975	91	C/T
UN_xiong_14975	551	C/T
UN_xiong_14976	253	C/G
UN_xiong_14976	288	A/G
UN_xiong_14976	495	T/G
UN_xiong_14976	550	A/T
UN_xiong_14976	595	T/C
UN_xiong_14976	654	A/G
UN_xiong_14976	678	A/T

UN_xiong_14976	701	T/G
UN_xiong_14976	963	G/C
UN_xiong_14976	1021	A/G
UN_xiong_14976	1075	C/A
UN_xiong_14976	1154	C/G
UN_xiong_14976	1227	G/A
UN_xiong_14976	1284	C/T
UN_xiong_14976	1318	C/G
UN_xiong_14976	1346	T/C
UN_xiong_14976	1613	A/G
UN_xiong_14976	1715	A/T
UN_xiong_14976	1754	A/C
UN_xiong_14976	1846	T/C
UN_xiong_14976	1930	C/A
UN_xiong_14976	1967	A/T
UN_xiong_14977	191	G/T
UN_xiong_14978	52	C/G
UN_xiong_14978	140	C/T
UN_xiong_14978	224	C/T
UN_xiong_14978	256	A/G
UN_xiong_14978	340	C/T
UN_xiong_14978	368	T/C
UN_xiong_14978	401	C/T
UN_xiong_14978	451	A/G
UN_xiong_14978	491	T/C
UN_xiong_14978	544	T/C
UN_xiong_14978	597	G/A
UN_xiong_14978	671	C/T
UN_xiong_14978	740	A/T
UN_xiong_14978	989	G/A
UN_xiong_14978	1096	T/C
UN_xiong_14978	1130	C/T
UN_xiong_14978	1169	C/T
UN_xiong_14978	1236	T/C
UN_xiong_14978	1263	C/T
UN_xiong_14978	1285	A/G
UN_xiong_14978	1324	T/C
UN_xiong_14978	1410	A/G
UN_xiong_14978	1442	T/C
UN_xiong_14978	1491	G/A
UN_xiong_14978	1575	T/C
UN_xiong_14978	1631	G/A
UN_xiong_14978	1711	T/C
UN_xiong_14978	1788	T/C
UN_xiong_14978	1829	T/A
UN_xiong_14985	91	G/A
UN_xiong_14985	426	C/A

UN_xiong_14985	465	C/T
UN_xiong_14985	587	A/G
UN_xiong_14985	771	A/G
UN_xiong_14985	872	T/G
UN_xiong_14985	1059	A/T
UN_xiong_14986	260	C/T
UN_xiong_14987	164	T/C
UN_xiong_14987	309	G/A
UN_xiong_14987	764	A/G
UN_xiong_14988	203	T/A
UN_xiong_14989	74	A/T
UN_xiong_14990	422	A/T
UN_xiong_14992	701	C/T
UN_xiong_14994	102	T/A
UN_xiong_14996	297	A/C
UN_xiong_14996	402	T/A
UN_xiong_14996	1053	C/T
UN_xiong_14996	1206	A/T
UN_xiong_14997	593	G/A
UN_xiong_14997	645	T/C
UN_xiong_14998	71	A/G
UN_xiong_14998	167	T/C
UN_xiong_14998	525	A/G
UN_xiong_14998	582	A/G
UN_xiong_14998	603	T/C
UN_xiong_14998	762	T/C
UN_xiong_14998	913	T/C
UN_xiong_14998	989	T/C
UN_xiong_14998	1678	G/A
UN_xiong_15000	589	G/A
UN_xiong_15000	927	T/A
UN_xiong_15000	1007	A/G
UN_xiong_15000	1058	A/G
UN_xiong_15000	1718	T/A
UN_xiong_15000	2015	C/T
UN_xiong_15001	185	G/A
UN_xiong_15001	313	T/G
UN_xiong_15001	514	A/C
UN_xiong_15001	1010	G/A
UN_xiong_15005	386	G/A
UN_xiong_15005	611	T/A
UN_xiong_15005	658	G/A
UN_xiong_15006	174	A/C
UN_xiong_15006	332	T/C
UN_xiong_15006	536	C/T
UN_xiong_15008	151	A/G
UN_xiong_15011	407	G/A

UN_xiong_15011	655	C/A
UN_xiong_15013	81	T/G
UN_xiong_15013	477	C/T
UN_xiong_15015	375	G/A
UN_xiong_15015	574	T/C
UN_xiong_15015	684	A/G
UN_xiong_15015	709	A/G
UN_xiong_15015	731	A/C
UN_xiong_15015	761	G/A
UN_xiong_15015	825	G/A
UN_xiong_15015	845	T/A
UN_xiong_15015	911	A/T
UN_xiong_15015	933	T/C
UN_xiong_15015	1090	A/G
UN_xiong_15015	1202	T/C
UN_xiong_15015	1239	A/G
UN_xiong_15015	1263	T/G
UN_xiong_15015	1497	A/G
UN_xiong_15015	1692	G/A
UN_xiong_15015	1805	A/G
UN_xiong_15015	1870	A/G
UN_xiong_15016	273	C/T
UN_xiong_15016	607	G/A
UN_xiong_15019	98	A/G
UN_xiong_15020	456	C/A
UN_xiong_15020	592	T/C
UN_xiong_15020	646	C/T
UN_xiong_15020	820	C/A
UN_xiong_15021	58	C/A
UN_xiong_15022	78	T/C
UN_xiong_15022	117	C/G
UN_xiong_15023	71	T/C
UN_xiong_15023	177	A/G
UN_xiong_15027	56	A/G
UN_xiong_15027	552	T/C
UN_xiong_15027	1000	G/A
UN_xiong_15027	1170	T/C
UN_xiong_15032	278	A/G
UN_xiong_15032	459	A/G
UN_xiong_15032	651	G/A
UN_xiong_15032	690	C/T
UN_xiong_15032	775	A/G
UN_xiong_15032	910	G/A
UN_xiong_15034	11	G/T
UN_xiong_15034	431	A/G
UN_xiong_15034	550	T/C
UN_xiong_15035	191	G/A

UN_xiong_15035	613	C/T
UN_xiong_15036	269	T/C
UN_xiong_15036	684	G/C
UN_xiong_15039	88	T/C
UN_xiong_15039	170	A/C
UN_xiong_15039	290	T/C
UN_xiong_15039	335	C/G
UN_xiong_15039	410	T/C
UN_xiong_15040	86	C/T
UN_xiong_15041	122	C/T
UN_xiong_15041	148	G/A
UN_xiong_15043	512	G/A
UN_xiong_15043	977	A/G
UN_xiong_15043	1102	A/G
UN_xiong_15045	11	G/T
UN_xiong_15045	40	T/C
UN_xiong_15045	62	T/C
UN_xiong_15045	90	T/C
UN_xiong_15045	134	A/C
UN_xiong_15045	172	T/C
UN_xiong_15045	201	G/A
UN_xiong_15045	226	A/G
UN_xiong_15045	249	A/G
UN_xiong_15045	269	A/G
UN_xiong_15045	290	A/T
UN_xiong_15045	313	G/A
UN_xiong_15045	477	T/C
UN_xiong_15045	618	A/T
UN_xiong_15045	726	G/A
UN_xiong_15045	781	T/C
UN_xiong_15045	851	T/C
UN_xiong_15045	879	T/C
UN_xiong_15045	918	T/C
UN_xiong_15045	1023	G/A
UN_xiong_15045	1044	C/A
UN_xiong_15045	1068	T/G
UN_xiong_15045	1121	T/A
UN_xiong_15045	1158	A/G
UN_xiong_15045	1247	C/T
UN_xiong_15045	1299	C/T
UN_xiong_15045	1344	G/T
UN_xiong_15045	1398	T/A
UN_xiong_15045	1433	G/A
UN_xiong_15045	1503	T/C
UN_xiong_15045	1525	T/G
UN_xiong_15045	1553	G/A
UN_xiong_15045	1650	G/A

UN_xiong_15045	1705	T/C
UN_xiong_15045	1743	C/T
UN_xiong_15045	1842	T/C
UN_xiong_15045	1876	T/C
UN_xiong_15047	580	T/A
UN_xiong_15048	14	A/G
UN_xiong_15048	171	A/G
UN_xiong_15048	211	A/G
UN_xiong_15048	321	G/A
UN_xiong_15048	391	G/T
UN_xiong_15048	711	C/T
UN_xiong_15049	177	G/A
UN_xiong_15049	231	T/C
UN_xiong_15049	690	A/G
UN_xiong_15049	860	A/G
UN_xiong_15049	882	T/G
UN_xiong_15051	249	G/A
UN_xiong_15056	250	C/T
UN_xiong_15059	74	G/T
UN_xiong_15059	752	A/G
UN_xiong_15059	806	T/C
UN_xiong_15060	128	C/T
UN_xiong_15060	380	A/G
UN_xiong_15060	534	A/G
UN_xiong_15060	580	A/G
UN_xiong_15060	615	G/C
UN_xiong_15060	721	C/G
UN_xiong_15060	802	A/G
UN_xiong_15060	964	A/T
UN_xiong_15060	1001	C/T
UN_xiong_15060	1067	A/G
UN_xiong_15060	1169	G/T
UN_xiong_15061	228	T/G
UN_xiong_15062	224	A/T
UN_xiong_15063	311	A/T
UN_xiong_15063	381	A/G
UN_xiong_15063	506	T/C
UN_xiong_15065	7	T/C
UN_xiong_15065	71	A/C
UN_xiong_15065	133	T/C
UN_xiong_15065	219	G/A
UN_xiong_15065	362	C/T
UN_xiong_15066	438	A/G
UN_xiong_15066	869	A/G
UN_xiong_15066	908	T/G
UN_xiong_15066	1109	G/A
UN_xiong_15071	257	T/C

UN_xiong_15071	360	C/T
UN_xiong_15079	300	C/T
UN_xiong_15081	673	C/G
UN_xiong_15081	750	T/A
UN_xiong_15081	1049	G/T
UN_xiong_15081	1254	G/A
UN_xiong_15081	1344	A/G
UN_xiong_15081	1428	T/C
UN_xiong_15081	1515	C/T
UN_xiong_15081	1657	T/C
UN_xiong_15088	366	C/T
UN_xiong_15088	494	A/G
UN_xiong_15095	188	G/A
UN_xiong_15105	516	C/T
UN_xiong_15105	656	A/G
UN_xiong_15105	766	G/A
UN_xiong_15114	24	T/C
UN_xiong_15114	63	G/C
UN_xiong_15114	142	A/G
UN_xiong_15120	383	C/T
UN_xiong_15124	68	C/T
UN_xiong_15124	268	G/A
UN_xiong_15124	376	T/A
UN_xiong_15124	452	G/A
UN_xiong_15130	110	T/C
UN_xiong_15130	154	C/T
UN_xiong_15130	184	C/A
UN_xiong_15130	231	T/C
UN_xiong_15130	358	T/C
UN_xiong_15130	508	T/C
UN_xiong_15130	631	A/C
UN_xiong_15130	651	T/C
UN_xiong_15133	385	G/A
UN_xiong_15139	58	A/T
UN_xiong_15152	305	T/C
UN_xiong_15160	691	C/A
UN_xiong_15163	246	G/A
UN_xiong_15163	278	A/G
UN_xiong_15169	47	A/G
UN_xiong_15169	158	T/G
UN_xiong_15169	275	A/G
UN_xiong_15169	388	A/G
UN_xiong_15171	73	C/G
UN_xiong_15171	105	A/G
UN_xiong_15171	162	C/A
UN_xiong_15171	213	C/T
UN_xiong_15171	244	C/T

UN_xiong_15171	336	T/C
UN_xiong_15181	193	C/G
UN_xiong_15181	277	C/G
UN_xiong_15181	313	C/G
UN_xiong_15191	114	C/G
UN_xiong_15193	22	G/T
UN_xiong_15198	132	C/A
UN_xiong_15200	351	A/G
UN_xiong_15200	431	G/A
UN_xiong_15207	51	G/A
UN_xiong_15219	22	A/T
UN_xiong_15219	101	T/C
UN_xiong_15219	408	A/G
UN_xiong_15219	444	T/C
UN_xiong_15219	465	G/A
UN_xiong_15237	168	A/T
UN_xiong_15240	422	T/C
UN_xiong_15243	240	C/T
UN_xiong_15243	314	A/T
UN_xiong_15243	377	C/T
UN_xiong_15253	346	G/C
UN_xiong_15253	380	T/G
UN_xiong_15254	66	A/T
UN_xiong_15254	154	C/T
UN_xiong_15259	132	A/G
UN_xiong_15259	379	C/T
UN_xiong_15259	521	T/C
UN_xiong_15259	709	G/A
UN_xiong_15259	1069	T/C
UN_xiong_15259	1255	A/G
UN_xiong_15260	124	T/A
UN_xiong_15267	81	C/T
UN_xiong_15272	800	T/C
UN_xiong_15273	411	C/A
UN_xiong_15274	77	T/C
UN_xiong_15275	716	C/A
UN_xiong_15280	625	G/A
UN_xiong_15280	648	T/C
UN_xiong_15286	140	C/T
UN_xiong_15286	220	T/C
UN_xiong_15286	270	A/G
UN_xiong_15286	318	G/A
UN_xiong_15293	161	C/T
UN_xiong_15293	193	A/G
UN_xiong_15293	265	T/G
UN_xiong_15293	364	C/T
UN_xiong_15304	194	G/C

UN_xiong_15304	256	G/T
UN_xiong_15308	225	G/A
UN_xiong_15308	263	T/C
UN_xiong_15308	499	A/G
UN_xiong_15312	727	T/C
UN_xiong_15323	164	T/A
UN_xiong_15323	236	C/T
UN_xiong_15326	152	G/T
UN_xiong_15326	214	T/C
UN_xiong_15328	337	A/G
UN_xiong_15328	527	C/A
UN_xiong_15328	620	T/C
UN_xiong_15328	734	G/A
UN_xiong_15328	807	A/T
UN_xiong_15328	1005	A/G
UN_xiong_15328	1040	G/A
UN_xiong_15328	1083	A/C
UN_xiong_15328	1108	A/G
UN_xiong_15328	1128	A/G
UN_xiong_15328	1174	A/G
UN_xiong_15328	1218	G/A
UN_xiong_15334	463	T/C
UN_xiong_15337	174	A/G
UN_xiong_15340	39	G/A
UN_xiong_15340	152	C/G
UN_xiong_15340	278	A/T
UN_xiong_15340	524	A/G
UN_xiong_15341	287	G/T
UN_xiong_15341	311	C/T
UN_xiong_15345	238	C/A
UN_xiong_15345	666	C/G
UN_xiong_15345	1192	T/C
UN_xiong_15345	1226	T/G
UN_xiong_15347	227	A/T
UN_xiong_15348	743	C/T
UN_xiong_15350	291	G/A
UN_xiong_15350	331	T/C
UN_xiong_15350	421	G/T
UN_xiong_15372	213	G/A
UN_xiong_15372	250	A/G
UN_xiong_15372	406	T/G
UN_xiong_15374	79	G/C
UN_xiong_15374	202	C/T
UN_xiong_15374	242	A/G
UN_xiong_15374	670	A/T
UN_xiong_15375	95	G/A
UN_xiong_15375	119	T/A

UN_xiong_15375	201	A/C
UN_xiong_15375	312	C/A
UN_xiong_15382	53	T/C
UN_xiong_15382	89	A/G
UN_xiong_15382	132	G/A
UN_xiong_15382	157	C/T
UN_xiong_15382	185	A/G
UN_xiong_15382	214	C/T
UN_xiong_15382	258	A/T
UN_xiong_15382	367	C/T
UN_xiong_15382	402	T/C
UN_xiong_15386	360	A/G
UN_xiong_15401	259	A/G
UN_xiong_15401	715	G/A
UN_xiong_15401	761	T/G
UN_xiong_15440	495	C/T
UN_xiong_15449	511	T/G
UN_xiong_15449	625	G/C
UN_xiong_15449	934	A/C
UN_xiong_15451	225	T/C
UN_xiong_15451	287	C/T
UN_xiong_15451	336	T/C
UN_xiong_15451	361	T/C
UN_xiong_15453	186	C/T
UN_xiong_15453	243	A/G
UN_xiong_15460	158	T/C
UN_xiong_15470	87	G/T
UN_xiong_15470	115	C/T
UN_xiong_15486	391	T/C
UN_xiong_15486	442	T/C
UN_xiong_15486	707	T/C
UN_xiong_15486	1594	T/A
UN_xiong_15486	1842	G/A
UN_xiong_15487	503	G/A
UN_xiong_15487	598	G/A
UN_xiong_15487	630	C/T
UN_xiong_15488	785	A/G
UN_xiong_15496	202	A/G
UN_xiong_15503	378	A/C
UN_xiong_15503	614	C/T
UN_xiong_15511	254	A/G
UN_xiong_15511	312	A/G
UN_xiong_15511	450	G/A
UN_xiong_15511	506	C/A
UN_xiong_15511	621	C/T
UN_xiong_15519	115	G/A
UN_xiong_15529	276	T/C

UN_xiong_15529	343	T/C
UN_xiong_15529	368	C/T
UN_xiong_15529	393	A/T
UN_xiong_15529	592	G/A
UN_xiong_15532	409	A/T
UN_xiong_15533	141	C/T
UN_xiong_15533	805	A/T
UN_xiong_15536	124	C/T
UN_xiong_15536	199	A/G
UN_xiong_15536	544	T/C
UN_xiong_15536	571	T/A
UN_xiong_15536	643	A/C
UN_xiong_15541	634	T/G
UN_xiong_15543	395	A/G
UN_xiong_15543	472	A/G
UN_xiong_15543	658	T/A
UN_xiong_15554	379	A/G
UN_xiong_15554	455	T/C
UN_xiong_15554	489	G/T
UN_xiong_15554	587	A/G
UN_xiong_15554	609	A/G
UN_xiong_15554	639	T/C
UN_xiong_15554	674	C/A
UN_xiong_15554	705	A/G
UN_xiong_15554	802	A/G
UN_xiong_15554	867	T/C
UN_xiong_15554	894	A/G
UN_xiong_15554	988	C/A
UN_xiong_15554	1302	A/G
UN_xiong_15556	60	A/G
UN_xiong_15556	83	T/A
UN_xiong_15556	179	A/G
UN_xiong_15556	235	C/T
UN_xiong_15556	287	A/G
UN_xiong_15556	357	G/A
UN_xiong_15556	378	G/C
UN_xiong_15556	442	A/T
UN_xiong_15556	463	G/A
UN_xiong_15556	633	A/G
UN_xiong_15556	743	C/T
UN_xiong_15557	254	A/G
UN_xiong_15557	344	A/G
UN_xiong_15557	446	T/C
UN_xiong_15557	472	G/C
UN_xiong_15557	562	G/A
UN_xiong_15562	34	T/G
UN_xiong_15562	452	G/A

UN_xiong_15563	21	G/A
UN_xiong_15563	322	A/G
UN_xiong_15566	609	A/T
UN_xiong_15574	230	G/A
UN_xiong_15574	604	C/T
UN_xiong_15574	722	T/C
UN_xiong_15575	252	G/C
UN_xiong_15587	519	C/T
UN_xiong_15587	632	G/A
UN_xiong_15587	696	T/C
UN_xiong_15587	1160	G/A
UN_xiong_15587	1184	A/G
UN_xiong_15587	1333	T/C
UN_xiong_15587	1365	A/T
UN_xiong_15592	106	T/C
UN_xiong_15611	313	G/A
UN_xiong_15615	126	A/T
UN_xiong_15624	340	G/A
UN_xiong_15624	1143	A/T
UN_xiong_15628	247	C/T
UN_xiong_15631	35	T/G
UN_xiong_15631	79	T/C
UN_xiong_15631	221	T/C
UN_xiong_15631	260	C/T
UN_xiong_15631	344	T/C
UN_xiong_15631	374	G/C
UN_xiong_15631	411	A/G
UN_xiong_15631	468	G/A
UN_xiong_15631	909	C/A
UN_xiong_15633	485	A/G
UN_xiong_15633	567	C/T
UN_xiong_15633	1299	G/C
UN_xiong_15633	1329	A/G
UN_xiong_15633	1411	A/G
UN_xiong_15633	1436	G/T
UN_xiong_15633	1621	G/A
UN_xiong_15638	145	A/G
UN_xiong_15641	475	C/T
UN_xiong_15644	32	A/G
UN_xiong_15644	65	A/T
UN_xiong_15644	164	T/C
UN_xiong_15644	237	C/T
UN_xiong_15644	302	T/G
UN_xiong_15644	326	A/T
UN_xiong_15644	368	C/G
UN_xiong_15660	259	G/A
UN_xiong_15664	207	A/C

UN_xiong_15667	565	A/G
UN_xiong_15672	228	C/T
UN_xiong_15672	468	T/C
UN_xiong_15676	228	C/A
UN_xiong_15676	320	A/T
UN_xiong_15676	525	G/A
UN_xiong_15681	212	T/C
UN_xiong_15684	476	C/A
UN_xiong_15687	69	T/C
UN_xiong_15689	178	C/T
UN_xiong_15689	718	T/C
UN_xiong_15691	269	C/T
UN_xiong_15691	361	T/C
UN_xiong_15692	143	G/C
UN_xiong_15692	615	T/C
UN_xiong_15692	850	T/C
UN_xiong_15697	175	A/G
UN_xiong_15697	271	A/C
UN_xiong_15697	291	C/T
UN_xiong_15699	956	G/A
UN_xiong_15705	705	C/G
UN_xiong_15707	659	A/G
UN_xiong_15708	30	T/C
UN_xiong_15708	521	T/G
UN_xiong_15708	588	G/A
UN_xiong_15708	835	T/C
UN_xiong_15708	866	A/G
UN_xiong_15708	1127	C/G
UN_xiong_15708	1190	G/T
UN_xiong_15708	1247	T/C
UN_xiong_15712	385	T/A
UN_xiong_15712	572	A/G
UN_xiong_15712	667	G/A
UN_xiong_15712	688	C/T
UN_xiong_15715	664	A/G
UN_xiong_15715	782	A/G
UN_xiong_15715	829	T/C
UN_xiong_15725	216	A/G
UN_xiong_15733	301	A/C
UN_xiong_15736	384	A/C
UN_xiong_15736	572	T/C
UN_xiong_15736	1014	G/A
UN_xiong_15736	1551	T/C
UN_xiong_15736	1580	A/G
UN_xiong_15742	46	A/G
UN_xiong_15742	100	T/C
UN_xiong_15742	257	T/C

UN_xiong_15742	303	G/A
UN_xiong_15742	370	C/T
UN_xiong_15742	694	T/C
UN_xiong_15747	246	G/T
UN_xiong_15747	323	G/A
UN_xiong_15747	623	T/C
UN_xiong_15750	200	A/C
UN_xiong_15753	398	T/A
UN_xiong_15754	1114	C/T
UN_xiong_15754	1236	A/G
UN_xiong_15755	64	G/A
UN_xiong_15755	427	A/T
UN_xiong_15755	676	C/T
UN_xiong_15758	323	A/G
UN_xiong_15758	383	G/T
UN_xiong_15765	50	C/T
UN_xiong_15770	159	A/G
UN_xiong_15771	139	T/C
UN_xiong_15774	273	A/G
UN_xiong_15779	111	A/C
UN_xiong_15784	175	G/T
UN_xiong_15784	207	T/C
UN_xiong_15784	428	T/C
UN_xiong_15784	538	C/T
UN_xiong_15784	609	T/C
UN_xiong_15784	634	T/C
UN_xiong_15784	683	A/G
UN_xiong_15784	845	C/T
UN_xiong_15785	330	A/G
UN_xiong_15785	410	C/T
UN_xiong_15786	18	A/G
UN_xiong_15786	308	A/G
UN_xiong_15786	645	G/A
UN_xiong_15787	473	A/G
UN_xiong_15787	515	A/C
UN_xiong_15787	605	C/A
UN_xiong_15789	449	G/A
UN_xiong_15789	758	T/C
UN_xiong_15789	781	T/C
UN_xiong_15790	177	T/A
UN_xiong_15790	731	C/T
UN_xiong_15791	504	A/G
UN_xiong_15791	591	C/T
UN_xiong_15791	823	T/C
UN_xiong_15791	915	A/G
UN_xiong_15794	77	C/G

Contig_Name	Offset_On_Contig	ALLELE
UN_ci_2	422	G/A
UN_ci_10	488	C/A
UN_ci_10	955	G/A
UN_ci_10	1045	T/C
UN_ci_16	272	C/T
UN_ci_17	242	T/C
UN_ci_23	225	T/C
UN_ci_33	282	G/A
UN_ci_43	328	G/C
UN_ci_47	140	T/C
UN_ci_47	405	T/C
UN_ci_48	97	C/T
UN_ci_48	214	A/G
UN_ci_48	252	A/G
UN_ci_51	322	A/T
UN_ci_53	57	T/C
UN_ci_60	41	C/T
UN_ci_60	499	G/T
UN_ci_60	727	G/C
UN_ci_73	276	T/C
UN_ci_73	318	T/C
UN_ci_73	371	T/A
UN_ci_73	417	A/G
UN_ci_74	51	G/A
UN_ci_74	356	G/A
UN_ci_74	389	G/A
UN_ci_79	980	A/G
UN_ci_85	9	T/G
UN_ci_99	24	A/G
UN_ci_99	47	C/T
UN_ci_99	211	C/A
UN_ci_99	314	G/A
UN_ci_103	311	G/A
UN_ci_109	301	A/G
UN_ci_115	115	A/G
UN_ci_115	168	A/G
UN_ci_121	265	C/T
UN_ci_121	1049	T/C
UN_ci_121	1150	A/G
UN_ci_121	1383	T/A
UN_ci_142	575	T/G
UN_ci_142	637	C/T
UN_ci_142	777	A/G
UN_ci_143	418	T/C
UN_ci_143	471	A/C
UN_ci_150	197	A/G
UN_ci_158	76	C/A
UN_ci_158	163	C/T
UN_ci_158	243	T/C

Draft

UN_ci_158	358 A/G
UN_ci_160	121 T/C
UN_ci_169	304 A/G
UN_ci_178	263 A/T
UN_ci_183	330 A/G
UN_ci_183	371 T/A
UN_ci_198	75 G/T
UN_ci_198	146 T/A
UN_ci_198	241 T/G
UN_ci_198	325 T/C
UN_ci_198	369 T/G
UN_ci_198	671 C/A
UN_ci_208	56 C/A
UN_ci_210	185 T/C
UN_ci_214	38 G/A
UN_ci_221	202 T/G
UN_ci_222	80 A/C
UN_ci_231	182 C/T
UN_ci_231	256 A/G
UN_ci_234	40 A/G
UN_ci_234	163 A/T
UN_ci_234	203 T/C
UN_ci_239	135 A/G
UN_ci_239	311 A/G
UN_ci_239	363 G/A
UN_ci_239	394 C/G
UN_ci_239	420 T/C
UN_ci_239	527 A/G
UN_ci_239	606 A/G
UN_ci_239	651 A/G
UN_ci_239	717 A/G
UN_ci_239	779 T/C
UN_ci_239	820 G/T
UN_ci_239	845 T/C
UN_ci_239	865 T/C
UN_ci_239	888 T/C
UN_ci_239	953 A/G
UN_ci_239	1051 C/G
UN_ci_243	56 G/A
UN_ci_245	325 G/A
UN_ci_246	226 T/G
UN_ci_257	69 C/T
UN_ci_257	242 C/T
UN_ci_257	300 A/G
UN_ci_257	401 A/G
UN_ci_261	23 G/T
UN_ci_262	126 G/A
UN_ci_262	155 G/A
UN_ci_267	38 G/A
UN_ci_267	300 A/G

Draft

UN_ci_267	401 T/C
UN_ci_267	495 A/G
UN_ci_267	556 A/G
UN_ci_267	640 G/A
UN_ci_267	683 C/T
UN_ci_267	791 T/C
UN_ci_268	102 C/T
UN_ci_268	122 C/T
UN_ci_268	175 T/C
UN_ci_269	70 T/A
UN_ci_280	382 T/A
UN_ci_283	372 A/G
UN_ci_297	168 C/T
UN_ci_297	504 T/A
UN_ci_297	627 G/A
UN_ci_304	241 C/A
UN_ci_316	415 T/C
UN_ci_317	37 A/T
UN_ci_317	255 T/A
UN_ci_323	110 G/A
UN_ci_333	801 A/G
UN_ci_333	1140 T/C
UN_ci_343	114 T/C
UN_ci_344	168 G/A
UN_ci_344	198 A/G
UN_ci_356	250 A/T
UN_ci_362	40 G/A
UN_ci_362	176 A/G
UN_ci_362	947 G/A
UN_ci_362	971 A/G
UN_ci_362	1005 T/C
UN_ci_362	1030 A/G
UN_ci_362	1188 T/C
UN_ci_362	1240 A/C
UN_ci_362	1279 T/A
UN_ci_362	1309 A/C
UN_ci_368	123 T/C
UN_ci_373	127 T/C
UN_ci_373	727 C/T
UN_ci_373	838 T/G
UN_ci_379	205 A/G
UN_ci_379	372 G/A
UN_ci_389	134 G/A
UN_ci_392	139 T/C
UN_ci_395	556 G/A
UN_ci_395	590 G/A
UN_ci_395	619 C/T
UN_ci_395	652 T/G
UN_ci_395	946 G/T
UN_ci_398	35 T/C

Draft

UN_ci_398	63 C/G
UN_ci_398	84 A/T
UN_ci_409	237 A/T
UN_ci_420	53 A/G
UN_ci_420	84 T/C
UN_ci_420	562 C/T
UN_ci_420	655 C/T
UN_ci_435	136 C/T
UN_ci_440	910 C/T
UN_ci_447	35 A/G
UN_ci_447	93 C/T
UN_ci_447	296 C/T
UN_ci_448	415 T/C
UN_ci_448	593 T/C
UN_ci_448	805 T/G
UN_ci_460	332 C/T
UN_ci_474	131 C/T
UN_ci_474	166 A/G
UN_ci_483	260 A/T
UN_ci_490	69 A/G
UN_ci_490	99 A/G
UN_ci_490	353 C/T
UN_ci_493	351 T/C
UN_ci_495	122 A/G
UN_ci_498	33 A/T
UN_ci_506	125 G/A
UN_ci_521	238 A/G
UN_ci_525	683 G/C
UN_ci_539	109 T/G
UN_ci_540	64 T/C
UN_ci_540	536 C/G
UN_ci_541	468 T/C
UN_ci_551	327 T/C
UN_ci_560	9 C/G
UN_ci_560	120 A/G
UN_ci_563	252 T/C
UN_ci_564	54 C/T
UN_ci_577	353 A/C
UN_ci_578	472 A/G
UN_ci_584	44 T/C
UN_ci_587	32 C/G
UN_ci_589	11 G/T
UN_ci_589	143 C/T
UN_ci_594	21 A/C
UN_ci_594	51 A/G
UN_ci_594	92 C/T
UN_ci_594	186 A/G
UN_ci_594	257 A/T
UN_ci_594	288 T/C
UN_ci_594	348 T/C

Draft

UN_ci_597	624 T/C
UN_ci_600	25 T/C
UN_ci_601	453 T/C
UN_ci_610	370 C/T
UN_ci_617	164 A/G
UN_ci_620	491 C/T
UN_ci_620	534 T/C
UN_ci_620	789 T/A
UN_ci_620	856 G/T
UN_ci_620	910 G/A
UN_ci_641	51 T/C
UN_ci_641	74 G/A
UN_ci_641	98 T/A
UN_ci_641	180 A/C
UN_ci_641	207 A/G
UN_ci_641	259 T/C
UN_ci_641	284 A/T
UN_ci_647	329 C/T
UN_ci_647	371 T/C
UN_ci_647	498 T/C
UN_ci_647	588 C/A
UN_ci_650	140 A/G
UN_ci_662	158 A/G
UN_ci_670	26 C/G
UN_ci_670	184 T/A
UN_ci_670	212 G/A
UN_ci_670	241 A/T
UN_ci_670	265 A/G
UN_ci_670	419 G/T
UN_ci_670	442 C/A
UN_ci_670	545 A/G
UN_ci_670	609 A/G
UN_ci_670	686 A/G
UN_ci_670	708 G/A
UN_ci_670	735 G/C
UN_ci_670	762 T/C
UN_ci_670	783 G/A
UN_ci_670	807 C/T
UN_ci_670	852 C/T
UN_ci_670	879 T/G
UN_ci_670	903 A/G
UN_ci_670	969 G/C
UN_ci_670	1011 G/A
UN_ci_670	1131 G/A
UN_ci_673	470 T/G
UN_ci_675	94 G/T
UN_ci_675	274 T/C
UN_ci_675	642 T/C
UN_ci_679	774 A/G
UN_ci_680	47 G/A

Draft

UN_ci_680	932 G/A
UN_ci_680	1154 C/T
UN_ci_681	177 T/C
UN_ci_682	276 T/G
UN_ci_683	443 T/C
UN_ci_685	490 C/T
UN_ci_697	215 G/A
UN_ci_697	255 T/C
UN_ci_697	421 C/T
UN_ci_697	509 C/T
UN_ci_697	529 T/C
UN_ci_697	565 A/T
UN_ci_697	595 C/T
UN_ci_697	616 G/A
UN_ci_697	667 A/G
UN_ci_697	690 A/G
UN_ci_699	228 C/G
UN_ci_716	137 T/C
UN_ci_716	551 T/C
UN_ci_716	843 C/T
UN_ci_727	720 G/A
UN_ci_727	742 C/T
UN_ci_727	813 T/C
UN_ci_727	1016 C/T
UN_ci_739	53 G/C
UN_ci_739	93 A/C
UN_ci_739	123 A/G
UN_ci_739	164 A/G
UN_ci_739	223 A/G
UN_ci_739	267 A/T
UN_ci_739	314 A/C
UN_ci_739	358 T/A
UN_ci_739	384 A/C
UN_ci_745	15 T/C
UN_ci_749	310 G/A
UN_ci_752	234 A/G
UN_ci_756	79 A/G
UN_ci_756	397 A/T
UN_ci_756	482 C/A
UN_ci_765	125 T/C
UN_ci_769	227 T/C
UN_ci_769	282 G/C
UN_ci_772	7 T/G
UN_ci_772	239 C/A
UN_ci_780	569 C/T
UN_ci_784	71 G/C
UN_ci_784	104 A/G
UN_ci_784	154 C/G
UN_ci_784	288 C/T
UN_ci_784	426 A/G

Draft

UN_ci_785	103 A/G
UN_ci_796	263 T/C
UN_ci_801	1214 A/C
UN_ci_818	58 T/A
UN_ci_818	130 C/T
UN_ci_818	159 A/G
UN_ci_818	181 A/T
UN_ci_818	205 T/C
UN_ci_818	262 A/G
UN_ci_818	390 A/G
UN_ci_832	326 T/C
UN_ci_840	106 C/T
UN_ci_842	57 A/T
UN_ci_843	602 C/A
UN_ci_843	2745 A/G
UN_ci_843	2813 A/G
UN_ci_844	96 A/G
UN_ci_844	219 G/T
UN_ci_846	103 A/G
UN_ci_846	318 T/C
UN_ci_853	80 T/C
UN_ci_855	330 T/C
UN_ci_863	23 G/T
UN_ci_863	60 A/G
UN_ci_863	266 T/C
UN_ci_863	366 A/T
UN_ci_863	569 A/C
UN_ci_867	125 A/C
UN_ci_867	209 T/C
UN_ci_867	599 G/C
UN_ci_877	176 A/G
UN_ci_879	215 G/A
UN_ci_881	289 C/T
UN_ci_889	51 C/T
UN_ci_896	132 T/G
UN_ci_901	67 T/A
UN_ci_903	392 A/C
UN_ci_906	79 T/C
UN_ci_906	119 A/G
UN_ci_906	222 T/C
UN_ci_906	581 T/C
UN_ci_908	661 C/T
UN_ci_916	126 T/A
UN_ci_918	275 T/G
UN_ci_918	322 T/A
UN_ci_925	369 C/T
UN_ci_925	412 T/C
UN_ci_925	439 G/A
UN_ci_925	484 A/G
UN_ci_925	507 T/G

Draft

UN_ci_925	551 A/C
UN_ci_925	587 A/G
UN_ci_925	609 A/G
UN_ci_925	636 C/T
UN_ci_925	692 A/G
UN_ci_925	733 C/T
UN_ci_925	757 T/C
UN_ci_925	832 T/C
UN_ci_925	921 T/C
UN_ci_925	949 T/G
UN_ci_925	969 G/A
UN_ci_925	996 T/C
UN_ci_925	1025 T/C
UN_ci_925	1065 T/C
UN_ci_942	158 C/T
UN_ci_942	197 T/G
UN_ci_942	227 A/G
UN_ci_942	270 C/A
UN_ci_945	45 G/A
UN_ci_945	165 G/T
UN_ci_993	187 C/A
UN_ci_1005	110 A/G
UN_ci_1005	199 T/G
UN_ci_1005	265 A/C
UN_ci_1005	286 A/G
UN_ci_1007	578 A/G
UN_ci_1011	45 G/T
UN_ci_1030	131 A/G
UN_ci_1038	987 C/T
UN_ci_1040	11 C/G
UN_ci_1040	39 C/T
UN_ci_1046	191 T/C
UN_ci_1046	379 A/G
UN_ci_1047	94 G/A
UN_ci_1047	258 A/G
UN_ci_1054	88 A/T
UN_ci_1054	112 C/T
UN_ci_1054	493 T/G
UN_ci_1054	835 T/C
UN_ci_1054	1090 G/A
UN_ci_1063	317 C/T
UN_ci_1066	73 G/A
UN_ci_1067	397 T/C
UN_ci_1067	490 G/A
UN_ci_1075	309 G/A
UN_ci_1075	366 A/G
UN_ci_1081	125 C/T
UN_ci_1088	33 T/C
UN_ci_1090	82 G/A
UN_ci_1090	430 A/G

Draft

UN_ci_1093	112 C/T
UN_ci_1095	207 T/A
UN_ci_1098	140 C/T
UN_ci_1109	187 G/T
UN_ci_1109	231 G/T
UN_ci_1109	263 G/A
UN_ci_1113	432 C/T
UN_ci_1114	64 C/T
UN_ci_1115	29 G/T
UN_ci_1115	223 T/C
UN_ci_1115	428 A/C
UN_ci_1115	511 T/C
UN_ci_1115	551 A/G
UN_ci_1117	176 A/G
UN_ci_1117	446 G/A
UN_ci_1120	222 A/G
UN_ci_1122	643 C/T
UN_ci_1130	281 C/T
UN_ci_1134	110 C/A
UN_ci_1134	267 C/T
UN_ci_1140	112 C/A
UN_ci_1148	214 C/T
UN_ci_1148	310 A/T
UN_ci_1151	251 G/A
UN_ci_1151	508 A/G
UN_ci_1151	675 G/A
UN_ci_1152	251 G/T
UN_ci_1165	372 A/G
UN_ci_1165	421 A/G
UN_ci_1165	636 C/T
UN_ci_1165	671 T/A
UN_ci_1165	755 A/G
UN_ci_1165	832 C/T
UN_ci_1168	266 A/T
UN_ci_1172	430 A/G
UN_ci_1172	467 T/A
UN_ci_1172	577 G/A
UN_ci_1172	667 A/G
UN_ci_1172	715 A/T
UN_ci_1172	744 G/A
UN_ci_1172	783 C/T
UN_ci_1176	55 T/C
UN_ci_1176	77 T/C
UN_ci_1176	622 A/C
UN_ci_1180	228 A/G
UN_ci_1180	393 T/C
UN_ci_1180	426 A/T
UN_ci_1191	378 G/A
UN_ci_1191	401 T/C
UN_ci_1191	427 T/C

Draft

UN_ci_1191	460 G/A
UN_ci_1191	514 A/G
UN_ci_1191	548 A/G
UN_ci_1194	123 G/A
UN_ci_1194	282 A/G
UN_ci_1194	372 A/G
UN_ci_1199	234 C/T
UN_ci_1201	343 A/G
UN_ci_1201	1682 C/G
UN_ci_1201	1727 T/C
UN_ci_1201	1769 T/C
UN_ci_1201	1805 T/C
UN_ci_1201	1908 C/T
UN_ci_1210	130 T/G
UN_ci_1210	259 T/C
UN_ci_1210	279 G/T
UN_ci_1212	19 G/T
UN_ci_1212	186 C/A
UN_ci_1212	215 A/G
UN_ci_1212	293 G/A
UN_ci_1212	427 T/C
UN_ci_1212	499 C/T
UN_ci_1212	859 T/C
UN_ci_1212	959 G/T
UN_ci_1212	1039 T/A
UN_ci_1212	1059 G/T
UN_ci_1212	1133 T/C
UN_ci_1225	177 A/T
UN_ci_1225	224 C/G
UN_ci_1231	582 G/A
UN_ci_1236	179 G/A
UN_ci_1237	12 G/T
UN_ci_1239	150 G/A
UN_ci_1239	266 C/T
UN_ci_1239	386 G/C
UN_ci_1240	207 A/G
UN_ci_1250	255 T/C
UN_ci_1251	360 T/C
UN_ci_1255	110 C/T
UN_ci_1257	549 C/A
UN_ci_1266	603 G/A
UN_ci_1273	598 T/C
UN_ci_1273	646 T/G
UN_ci_1277	259 A/G
UN_ci_1277	459 G/C
UN_ci_1277	714 A/G
UN_ci_1277	844 G/C
UN_ci_1277	1083 T/C
UN_ci_1277	1105 T/C
UN_ci_1278	184 A/C

Draft

UN_ci_1278	411 C/A
UN_ci_1283	69 A/G
UN_ci_1283	277 T/G
UN_ci_1283	323 A/G
UN_ci_1283	390 T/C
UN_ci_1286	102 G/A
UN_ci_1287	620 G/A
UN_ci_1287	712 C/T
UN_ci_1295	168 T/A
UN_ci_1310	132 T/C
UN_ci_1310	186 A/T
UN_ci_1310	234 G/A
UN_ci_1310	312 G/A
UN_ci_1310	352 G/A
UN_ci_1310	409 C/A
UN_ci_1310	432 A/G
UN_ci_1310	470 A/G
UN_ci_1310	549 A/G
UN_ci_1310	583 G/T
UN_ci_1315	284 A/G
UN_ci_1315	722 A/G
UN_ci_1315	929 C/T
UN_ci_1316	291 C/A
UN_ci_1330	241 C/T
UN_ci_1330	361 A/C
UN_ci_1330	398 T/C
UN_ci_1330	664 G/T
UN_ci_1337	221 A/G
UN_ci_1340	320 A/G
UN_ci_1340	577 G/A
UN_ci_1340	679 A/C
UN_ci_1340	1100 C/T
UN_ci_1340	1168 G/A
UN_ci_1340	1453 T/A
UN_ci_1340	1552 T/G
UN_ci_1342	281 A/G
UN_ci_1342	332 T/C
UN_ci_1342	403 T/G
UN_ci_1342	473 G/T
UN_ci_1342	570 A/G
UN_ci_1342	694 A/G
UN_ci_1342	919 A/G
UN_ci_1342	1640 C/T
UN_ci_1342	1754 T/C
UN_ci_1348	248 C/G
UN_ci_1348	814 G/A
UN_ci_1352	225 T/C
UN_ci_1360	234 A/G
UN_ci_1360	284 A/G
UN_ci_1366	324 A/G

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UN_ci_1366	418 A/G
UN_ci_1366	667 G/A
UN_ci_1366	714 T/A
UN_ci_1366	1034 T/C
UN_ci_1369	606 A/T
UN_ci_1372	595 A/T
UN_ci_1372	618 T/C
UN_ci_1378	401 G/C
UN_ci_1380	16 C/T
UN_ci_1380	104 T/C
UN_ci_1380	136 G/A
UN_ci_1380	189 A/G
UN_ci_1383	138 A/C
UN_ci_1384	397 C/T
UN_ci_1397	429 C/T
UN_ci_1407	85 G/T
UN_ci_1407	112 G/A
UN_ci_1407	265 T/C
UN_ci_1407	446 T/C
UN_ci_1407	1183 A/T
UN_ci_1407	1215 G/A
UN_ci_1407	1466 C/A
UN_ci_1407	1513 A/C
UN_ci_1407	1788 A/G
UN_ci_1407	1809 G/A
UN_ci_1407	1913 A/G
UN_ci_1407	2028 G/A
UN_ci_1407	2170 A/G
UN_ci_1407	2322 C/T
UN_ci_1407	2575 T/C
UN_ci_1409	100 A/G
UN_ci_1409	155 T/G
UN_ci_1418	466 A/G
UN_ci_1418	637 A/G
UN_ci_1418	1000 C/T
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UN_ci_1419	32 C/T
UN_ci_1419	157 C/T
UN_ci_1419	234 C/T
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UN_ci_1425	263 C/T
UN_ci_1428	414 G/A
UN_ci_1435	402 G/A
UN_ci_1436	49 G/T
UN_ci_1436	142 A/G
UN_ci_1436	166 G/A
UN_ci_1436	252 C/G
UN_ci_1436	280 A/G

Draft

UN_ci_1436	354 T/C
UN_ci_1436	453 A/T
UN_ci_1436	578 A/G
UN_ci_1436	661 T/C
UN_ci_1437	347 C/T
UN_ci_1437	395 G/T
UN_ci_1440	196 G/A
UN_ci_1441	1114 T/C
UN_ci_1441	1195 G/T
UN_ci_1441	1346 C/T
UN_ci_1455	189 C/A
UN_ci_1461	155 T/A
UN_ci_1475	193 C/T
UN_ci_1475	448 G/T
UN_ci_1480	74 A/C
UN_ci_1480	170 A/G
UN_ci_1481	55 A/T
UN_ci_1498	170 T/C
UN_ci_1501	65 G/A
UN_ci_1506	148 G/A
UN_ci_1506	287 A/G
UN_ci_1507	144 G/T
UN_ci_1507	220 C/T
UN_ci_1510	93 A/C
UN_ci_1510	280 C/T
UN_ci_1510	346 G/C
UN_ci_1511	48 A/G
UN_ci_1513	781 A/G
UN_ci_1518	96 G/T
UN_ci_1518	247 C/T
UN_ci_1523	223 A/G
UN_ci_1523	475 T/C
UN_ci_1523	530 A/G
UN_ci_1523	577 A/G
UN_ci_1523	606 A/G
UN_ci_1523	643 A/G
UN_ci_1523	716 C/T
UN_ci_1523	736 T/C
UN_ci_1523	760 A/G
UN_ci_1523	783 A/G
UN_ci_1523	805 G/C
UN_ci_1523	826 C/T
UN_ci_1523	846 G/A
UN_ci_1523	868 T/C
UN_ci_1523	889 A/T
UN_ci_1523	913 A/C
UN_ci_1523	943 A/G
UN_ci_1523	964 C/T
UN_ci_1523	987 G/A
UN_ci_1523	1015 T/C

Draft

UN_ci_1523	1037 A/G
UN_ci_1523	1068 A/T
UN_ci_1523	1092 T/C
UN_ci_1523	1147 C/T
UN_ci_1523	1189 T/A
UN_ci_1526	185 C/T
UN_ci_1531	920 C/A
UN_ci_1531	962 A/G
UN_ci_1531	1109 A/G
UN_ci_1531	1130 C/T
UN_ci_1531	1186 G/C
UN_ci_1531	1206 A/G
UN_ci_1531	1253 C/T
UN_ci_1531	1452 G/C
UN_ci_1532	52 C/T
UN_ci_1532	257 T/G
UN_ci_1533	777 C/T
UN_ci_1547	219 A/G
UN_ci_1547	361 A/C
UN_ci_1558	180 T/A
UN_ci_1564	249 A/T
UN_ci_1567	44 C/A
UN_ci_1576	52 T/A
UN_ci_1576	170 T/C
UN_ci_1576	203 T/C
UN_ci_1576	294 A/C
UN_ci_1580	22 G/A
UN_ci_1580	88 T/C
UN_ci_1580	238 G/C
UN_ci_1580	603 T/C
UN_ci_1580	873 T/C
UN_ci_1580	949 G/T
UN_ci_1580	1104 C/T
UN_ci_1580	1135 T/C
UN_ci_1582	154 T/C
UN_ci_1589	283 T/G
UN_ci_1590	702 A/G
UN_ci_1590	745 C/T
UN_ci_1594	76 C/T
UN_ci_1594	155 G/T
UN_ci_1594	203 G/A
UN_ci_1594	763 G/C
UN_ci_1594	981 C/T
UN_ci_1594	1546 G/C
UN_ci_1599	106 T/C
UN_ci_1599	134 A/G
UN_ci_1608	340 G/T
UN_ci_1617	162 T/A
UN_ci_1624	18 T/A
UN_ci_1624	320 A/C

Draft

UN_ci_1626	422 A/G
UN_ci_1641	76 C/T
UN_ci_1652	138 T/C
UN_ci_1652	234 C/T
UN_ci_1652	958 A/G
UN_ci_1652	1378 G/T
UN_ci_1661	150 C/T
UN_ci_1666	13 A/C
UN_ci_1666	569 T/C
UN_ci_1666	795 A/T
UN_ci_1668	469 C/T
UN_ci_1668	637 C/G
UN_ci_1668	735 C/T
UN_ci_1669	608 C/T
UN_ci_1672	246 A/G
UN_ci_1673	204 T/G
UN_ci_1686	75 T/G
UN_ci_1687	87 G/A
UN_ci_1691	130 A/T
UN_ci_1702	45 G/A
UN_ci_1702	119 G/A
UN_ci_1704	189 G/A
UN_ci_1704	895 C/G
UN_ci_1707	234 C/T
UN_ci_1710	81 G/A
UN_ci_1710	658 A/T
UN_ci_1710	880 T/C
UN_ci_1711	11 G/C
UN_ci_1711	389 C/G
UN_ci_1713	213 A/G
UN_ci_1726	1076 T/C
UN_ci_1733	502 C/G
UN_ci_1733	551 A/T
UN_ci_1737	349 T/G
UN_ci_1744	32 C/T
UN_ci_1744	635 T/C
UN_ci_1749	107 T/A
UN_ci_1753	616 T/G
UN_ci_1767	224 C/T
UN_ci_1767	303 A/G
UN_ci_1767	326 G/A
UN_ci_1767	410 A/C
UN_ci_1767	508 A/T
UN_ci_1768	384 C/T
UN_ci_1768	1467 C/T
UN_ci_1772	83 G/T
UN_ci_1772	183 A/G
UN_ci_1772	296 G/A
UN_ci_1772	534 T/C
UN_ci_1772	1005 G/A

UN_ci_1772	1057 G/A
UN_ci_1774	294 A/T
UN_ci_1774	351 T/A
UN_ci_1776	507 G/T
UN_ci_1785	175 T/C
UN_ci_1785	211 C/T
UN_ci_1785	315 A/G
UN_ci_1796	400 A/G
UN_ci_1796	425 T/C
UN_ci_1798	317 G/T
UN_ci_1805	54 T/C
UN_ci_1805	98 T/C
UN_ci_1805	141 A/G
UN_ci_1805	210 T/C
UN_ci_1811	233 A/G
UN_ci_1811	272 G/A
UN_ci_1811	304 G/C
UN_ci_1811	374 A/T
UN_ci_1811	574 C/T
UN_ci_1811	871 A/C
UN_ci_1811	893 A/T
UN_ci_1819	80 A/G
UN_ci_1827	36 T/G
UN_ci_1827	170 T/G
UN_ci_1828	21 G/C
UN_ci_1828	142 T/C
UN_ci_1837	229 T/C
UN_ci_1840	51 T/A
UN_ci_1842	199 T/C
UN_ci_1868	159 C/T
UN_ci_1890	176 G/A
UN_ci_1893	217 C/A
UN_ci_1911	125 C/T
UN_ci_1918	55 T/C
UN_ci_1927	397 A/G
UN_ci_1927	418 T/G
UN_ci_1929	83 G/A
UN_ci_1958	37 A/G
UN_ci_1974	150 G/A
UN_ci_1988	204 A/G
UN_ci_1991	176 G/A
UN_ci_1991	686 A/C
UN_ci_1994	10 G/A
UN_ci_1994	38 A/G
UN_ci_1994	91 T/C
UN_ci_1994	250 A/G
UN_ci_2008	314 T/C
UN_ci_2008	1326 C/T
UN_ci_2012	57 G/C
UN_ci_2012	104 C/A

Draft

UN_ci_2012	206 A/G
UN_ci_2012	606 G/A
UN_ci_2012	664 T/C
UN_ci_2012	936 G/C
UN_ci_2012	1030 C/T
UN_ci_2012	1146 T/C
UN_ci_2012	1263 T/A
UN_ci_2021	982 G/A
UN_ci_2022	37 G/A
UN_ci_2022	80 T/C
UN_ci_2035	17 A/T
UN_ci_2040	229 C/T
UN_ci_2040	270 C/T
UN_ci_2041	293 A/G
UN_ci_2048	306 A/C
UN_ci_2053	218 G/A
UN_ci_2057	52 A/G
UN_ci_2057	118 C/A
UN_ci_2057	390 A/G
UN_ci_2065	234 C/T
UN_ci_2065	486 G/A
UN_ci_2066	740 G/A
UN_ci_2073	242 T/C
UN_ci_2074	154 T/C
UN_ci_2074	199 T/C
UN_ci_2074	234 T/C
UN_ci_2075	314 A/G
UN_ci_2083	131 A/C
UN_ci_2083	164 G/T
UN_ci_2108	123 A/G
UN_ci_2108	378 A/T
UN_ci_2109	96 T/C
UN_ci_2110	48 T/C
UN_ci_2110	153 G/A
UN_ci_2115	180 A/T
UN_ci_2116	238 A/G
UN_ci_2137	160 T/C
UN_ci_2145	512 A/T
UN_ci_2145	629 C/A
UN_ci_2145	884 T/G
UN_ci_2145	935 G/A
UN_ci_2145	1002 G/T
UN_ci_2145	1073 G/A
UN_ci_2147	573 A/T
UN_ci_2152	104 A/G
UN_ci_2152	239 T/C
UN_ci_2152	266 A/G
UN_ci_2152	308 C/A
UN_ci_2158	180 T/A
UN_ci_2158	216 G/A

Draft

UN_ci_2161	278 T/C
UN_ci_2162	72 G/T
UN_ci_2166	40 C/T
UN_ci_2169	313 G/A
UN_ci_2171	85 T/A
UN_ci_2171	122 A/G
UN_ci_2171	293 T/C
UN_ci_2171	325 T/C
UN_ci_2171	557 C/T
UN_ci_2171	1655 A/T
UN_ci_2171	1705 T/G
UN_ci_2179	109 A/T
UN_ci_2179	173 G/A
UN_ci_2189	129 G/T
UN_ci_2189	252 A/G
UN_ci_2189	582 C/T
UN_ci_2189	736 C/T
UN_ci_2189	766 G/T
UN_ci_2193	79 C/T
UN_ci_2193	109 T/C
UN_ci_2193	186 A/G
UN_ci_2209	209 G/A
UN_ci_2209	482 A/G
UN_ci_2233	278 C/T
UN_ci_2233	386 A/G
UN_ci_2235	242 C/T
UN_ci_2239	39 C/T
UN_ci_2242	153 C/T
UN_ci_2245	190 T/C
UN_ci_2246	80 T/A
UN_ci_2254	136 A/G
UN_ci_2254	158 A/G
UN_ci_2254	233 A/T
UN_ci_2259	1401 G/A
UN_ci_2261	341 C/T
UN_ci_2264	166 G/A
UN_ci_2269	200 C/A
UN_ci_2274	377 G/A
UN_ci_2287	117 C/A
UN_ci_2293	144 A/T
UN_ci_2293	215 C/T
UN_ci_2305	135 T/A
UN_ci_2308	278 A/G
UN_ci_2308	347 C/G
UN_ci_2309	298 A/G
UN_ci_2315	114 T/C
UN_ci_2315	274 A/G
UN_ci_2316	174 C/T
UN_ci_2316	526 T/A
UN_ci_2316	883 T/C

Draft

UN_ci_2325	952 T/C
UN_ci_2333	655 C/T
UN_ci_2339	28 A/G
UN_ci_2339	99 A/T
UN_ci_2340	51 A/T
UN_ci_2340	152 T/C
UN_ci_2342	56 T/C
UN_ci_2356	227 G/A
UN_ci_2356	425 T/C
UN_ci_2359	36 G/A
UN_ci_2359	92 C/A
UN_ci_2359	122 C/T
UN_ci_2366	167 T/G
UN_ci_2366	283 C/T
UN_ci_2373	983 G/C
UN_ci_2374	523 C/T
UN_ci_2374	853 A/G
UN_ci_2374	1024 G/C
UN_ci_2375	240 A/G
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UN_ci_2375	769 C/T
UN_ci_2375	860 A/C
UN_ci_2375	892 T/C
UN_ci_2383	421 T/C
UN_ci_2389	411 C/T
UN_ci_2389	453 A/T
UN_ci_2400	638 A/C
UN_ci_2400	752 A/G
UN_ci_2409	92 G/T
UN_ci_2415	162 G/A
UN_ci_2415	258 C/T
UN_ci_2415	282 C/T
UN_ci_2416	736 T/C
UN_ci_2416	788 A/C
UN_ci_2441	217 C/G
UN_ci_2441	383 A/G
UN_ci_2441	404 A/G
UN_ci_2444	386 T/C
UN_ci_2449	284 A/G
UN_ci_2457	238 C/T
UN_ci_2461	234 G/C
UN_ci_2461	649 A/C
UN_ci_2461	758 A/G
UN_ci_2468	299 T/A
UN_ci_2481	233 A/G
UN_ci_2481	349 C/T

UN_ci_2481	441 A/G
UN_ci_2481	512 T/C
UN_ci_2481	538 C/T
UN_ci_2483	170 C/T
UN_ci_2492	176 A/G
UN_ci_2492	254 T/C
UN_ci_2492	313 C/T
UN_ci_2496	63 A/T
UN_ci_2498	44 G/C
UN_ci_2498	632 T/G
UN_ci_2498	788 C/T
UN_ci_2506	157 A/C
UN_ci_2506	232 A/G
UN_ci_2506	253 A/G
UN_ci_2506	827 A/G
UN_ci_2517	505 T/C
UN_ci_2525	805 A/G
UN_ci_2527	83 A/G
UN_ci_2532	362 T/C
UN_ci_2532	453 C/T
UN_ci_2532	487 A/G
UN_ci_2532	554 T/C
UN_ci_2533	471 A/G
UN_ci_2533	1120 A/G
UN_ci_2533	1328 C/T
UN_ci_2533	1732 A/G
UN_ci_2533	1784 T/C
UN_ci_2543	201 C/T
UN_ci_2543	277 G/A
UN_ci_2553	218 T/C
UN_ci_2553	283 G/C
UN_ci_2563	434 C/T
UN_ci_2563	665 C/T
UN_ci_2565	187 C/A
UN_ci_2570	769 A/G
UN_ci_2570	842 A/G
UN_ci_2570	874 A/G
UN_ci_2574	24 A/G
UN_ci_2574	123 T/C
UN_ci_2574	162 G/A
UN_ci_2597	24 A/T
UN_ci_2597	55 T/C
UN_ci_2597	289 A/T
UN_ci_2613	827 A/C
UN_ci_2613	879 T/C
UN_ci_2616	342 G/C
UN_ci_2618	12 G/A
UN_ci_2618	52 T/C
UN_ci_2618	181 T/C
UN_ci_2618	224 T/C

Draft

UN_ci_2618	346 A/G
UN_ci_2618	445 A/G
UN_ci_2618	544 G/A
UN_ci_2622	162 C/T
UN_ci_2622	195 T/C
UN_ci_2623	193 G/A
UN_ci_2625	169 C/G
UN_ci_2625	267 G/A
UN_ci_2629	49 T/C
UN_ci_2631	95 A/T
UN_ci_2631	171 T/C
UN_ci_2631	217 A/G
UN_ci_2631	300 T/C
UN_ci_2635	806 T/C
UN_ci_2635	834 G/T
UN_ci_2640	187 A/G
UN_ci_2640	299 C/G
UN_ci_2640	398 C/T
UN_ci_2640	528 C/G
UN_ci_2642	237 A/G
UN_ci_2644	238 T/C
UN_ci_2644	314 C/A
UN_ci_2644	339 A/G
UN_ci_2644	418 G/A
UN_ci_2644	445 T/C
UN_ci_2644	479 T/C
UN_ci_2644	508 A/C
UN_ci_2644	558 T/C
UN_ci_2644	580 A/T
UN_ci_2645	119 A/T
UN_ci_2645	139 G/A
UN_ci_2645	197 C/T
UN_ci_2645	235 G/C
UN_ci_2645	267 G/A
UN_ci_2645	370 T/C
UN_ci_2650	249 C/T
UN_ci_2655	133 T/C
UN_ci_2655	156 A/G
UN_ci_2655	340 C/T
UN_ci_2655	385 A/G
UN_ci_2655	410 C/T
UN_ci_2656	347 G/A
UN_ci_2662	235 G/T
UN_ci_2662	524 A/G
UN_ci_2668	316 A/G
UN_ci_2675	131 A/G
UN_ci_2686	40 T/C
UN_ci_2686	68 C/A
UN_ci_2686	121 T/C
UN_ci_2686	168 G/A

Draft

UN_ci_2686	188 A/G
UN_ci_2691	117 C/T
UN_ci_2691	275 G/A
UN_ci_2696	340 G/T
UN_ci_2696	460 T/C
UN_ci_2696	592 C/T
UN_ci_2696	625 A/G
UN_ci_2696	744 T/C
UN_ci_2696	784 T/G
UN_ci_2696	805 C/T
UN_ci_2696	903 T/C
UN_ci_2696	1219 T/C
UN_ci_2696	1255 T/C
UN_ci_2696	1342 C/A
UN_ci_2696	1372 C/G
UN_ci_2696	1466 A/T
UN_ci_2699	34 G/A
UN_ci_2699	205 T/C
UN_ci_2718	191 C/T
UN_ci_2718	244 T/C
UN_ci_2718	344 C/A
UN_ci_2718	447 A/C
UN_ci_2718	831 A/G
UN_ci_2720	193 A/G
UN_ci_2722	118 G/C
UN_ci_2722	164 A/G
UN_ci_2726	149 G/T
UN_ci_2726	347 C/T
UN_ci_2727	35 A/G
UN_ci_2727	184 A/G
UN_ci_2727	240 C/G
UN_ci_2727	261 T/C
UN_ci_2727	292 A/G
UN_ci_2727	323 T/C
UN_ci_2727	352 A/G
UN_ci_2727	407 A/G
UN_ci_2727	459 A/T
UN_ci_2733	211 G/A
UN_ci_2733	249 G/A
UN_ci_2733	271 C/T
UN_ci_2739	65 T/C
UN_ci_2739	152 T/A
UN_ci_2741	54 T/C
UN_ci_2741	425 G/A
UN_ci_2745	130 A/G
UN_ci_2750	232 G/A
UN_ci_2752	378 C/T
UN_ci_2753	177 G/A
UN_ci_2756	358 T/C
UN_ci_2757	308 A/G

Draft

UN_ci_2767	225 A/G
UN_ci_2771	431 A/G
UN_ci_2771	490 A/T
UN_ci_2771	555 A/T
UN_ci_2773	215 G/T
UN_ci_2776	52 A/C
UN_ci_2776	147 A/T
UN_ci_2776	290 C/A
UN_ci_2777	199 A/G
UN_ci_2779	465 A/G
UN_ci_2789	71 C/A
UN_ci_2789	207 T/C
UN_ci_2789	244 A/G
UN_ci_2789	352 G/A
UN_ci_2798	465 A/G
UN_ci_2798	634 A/T
UN_ci_2798	782 T/G
UN_ci_2803	60 G/A
UN_ci_2817	288 A/T
UN_ci_2819	211 C/T
UN_ci_2820	83 T/C
UN_ci_2832	346 T/G
UN_ci_2832	382 G/A
UN_ci_2833	10 G/T
UN_ci_2833	386 C/T
UN_ci_2835	182 C/A
UN_ci_2835	224 T/C
UN_ci_2835	393 C/G
UN_ci_2835	419 G/C
UN_ci_2835	444 C/A
UN_ci_2835	498 A/G
UN_ci_2838	715 G/T
UN_ci_2841	170 C/T
UN_ci_2847	119 T/C
UN_ci_2847	157 A/C
UN_ci_2847	243 T/C
UN_ci_2847	289 T/C
UN_ci_2847	530 A/G
UN_ci_2847	568 G/T
UN_ci_2847	695 T/C
UN_ci_2847	760 T/C
UN_ci_2848	621 C/T
UN_ci_2849	385 C/A
UN_ci_2858	217 T/C
UN_ci_2858	237 G/A
UN_ci_2875	146 C/T
UN_ci_2879	142 G/A
UN_ci_2880	251 A/T
UN_ci_2882	300 C/T
UN_ci_2882	360 G/A

Draft

UN_ci_2887	284 T/C
UN_ci_2887	534 A/G
UN_ci_2889	347 G/A
UN_ci_2892	176 A/T
UN_ci_2895	107 T/A
UN_ci_2901	105 G/A
UN_ci_2901	486 A/G
UN_ci_2904	61 T/C
UN_ci_2922	290 C/G
UN_ci_2922	339 C/T
UN_ci_2922	402 T/C
UN_ci_2922	422 A/C
UN_ci_2922	495 G/A
UN_ci_2922	542 T/C
UN_ci_2922	743 A/G
UN_ci_2922	799 T/C
UN_ci_2922	881 T/C
UN_ci_2928	186 A/G
UN_ci_2930	122 C/T
UN_ci_2930	259 A/G
UN_ci_2930	327 G/A
UN_ci_2930	379 T/C
UN_ci_2930	481 A/G
UN_ci_2930	694 G/A
UN_ci_2947	520 G/A
UN_ci_2959	338 A/G
UN_ci_2965	325 T/C
UN_ci_2971	44 G/T
UN_ci_2973	254 G/A
UN_ci_2973	470 A/G
UN_ci_2978	343 G/A
UN_ci_2979	45 C/T
UN_ci_2979	126 T/A
UN_ci_2979	186 C/T
UN_ci_2980	588 A/G
UN_ci_2980	997 A/G
UN_ci_2986	545 C/T
UN_ci_2987	157 G/A
UN_ci_2987	711 C/T
UN_ci_2990	175 C/T
UN_ci_2992	304 T/C
UN_ci_2995	276 C/T
UN_ci_2996	149 C/T
UN_ci_2998	156 A/T
UN_ci_2998	374 C/T
UN_ci_2998	738 C/G
UN_ci_2999	118 T/C
UN_ci_2999	148 T/C
UN_ci_2999	168 A/C
UN_ci_2999	300 C/T

Draft

UN_ci_2999	373 A/G
UN_ci_2999	421 A/G
UN_ci_2999	467 A/G
UN_ci_2999	533 A/G
UN_ci_2999	697 T/C
UN_ci_2999	742 A/G
UN_ci_3001	396 T/C
UN_ci_3006	245 T/C
UN_ci_3008	13 T/A
UN_ci_3016	167 A/G
UN_ci_3016	280 T/C
UN_ci_3016	390 G/A
UN_ci_3033	373 G/A
UN_ci_3044	266 A/G
UN_ci_3044	379 G/A
UN_ci_3047	188 T/G
UN_ci_3047	257 G/C
UN_ci_3047	514 A/G
UN_ci_3047	603 G/A
UN_ci_3047	999 T/C
UN_ci_3047	1203 T/C
UN_ci_3047	1240 C/A
UN_ci_3047	1262 T/A
UN_ci_3047	1286 G/A
UN_ci_3053	459 C/T
UN_ci_3055	85 T/A
UN_ci_3060	165 C/A
UN_ci_3060	456 T/C
UN_ci_3066	43 G/A
UN_ci_3077	372 G/A
UN_ci_3079	177 C/T
UN_ci_3079	198 C/T
UN_ci_3083	147 T/C
UN_ci_3085	21 A/T
UN_ci_3094	310 G/T
UN_ci_3101	685 A/G
UN_ci_3102	343 G/C
UN_ci_3104	169 G/A
UN_ci_3104	317 A/G
UN_ci_3104	338 T/C
UN_ci_3104	492 G/T
UN_ci_3106	184 C/T
UN_ci_3108	243 T/C
UN_ci_3108	325 G/A
UN_ci_3108	435 G/T
UN_ci_3108	479 C/T
UN_ci_3110	193 T/C
UN_ci_3110	233 C/T
UN_ci_3110	421 A/G
UN_ci_3115	169 A/C

Draft

UN_ci_3128	197 C/T
UN_ci_3128	245 C/T
UN_ci_3128	290 C/T
UN_ci_3128	346 A/G
UN_ci_3128	402 T/C
UN_ci_3128	435 A/G
UN_ci_3128	476 T/C
UN_ci_3128	547 A/G
UN_ci_3128	571 A/G
UN_ci_3128	608 T/C
UN_ci_3131	77 A/T
UN_ci_3131	204 G/A
UN_ci_3131	290 T/C
UN_ci_3131	411 A/C
UN_ci_3131	431 G/A
UN_ci_3132	187 A/G
UN_ci_3137	489 C/A
UN_ci_3137	525 T/G
UN_ci_3137	684 A/C
UN_ci_3141	30 A/T
UN_ci_3141	62 T/C
UN_ci_3150	273 G/A
UN_ci_3150	340 A/G
UN_ci_3157	172 G/A
UN_ci_3157	236 C/T
UN_ci_3157	266 C/T
UN_ci_3157	384 G/A
UN_ci_3157	405 A/G
UN_ci_3157	446 C/T
UN_ci_3157	468 A/G
UN_ci_3157	490 A/G
UN_ci_3157	513 T/C
UN_ci_3157	537 A/C
UN_ci_3160	101 G/A
UN_ci_3163	351 C/T
UN_ci_3163	381 C/A
UN_ci_3163	456 G/A
UN_ci_3163	477 C/T
UN_ci_3163	591 T/G
UN_ci_3163	680 T/C
UN_ci_3163	713 T/C
UN_ci_3186	14 G/C
UN_ci_3186	34 T/C
UN_ci_3186	54 A/C
UN_ci_3186	77 T/C
UN_ci_3186	97 T/C
UN_ci_3186	117 A/T
UN_ci_3186	137 A/G
UN_ci_3186	157 T/C
UN_ci_3186	178 C/T

Draft

UN_ci_3186	200 C/T
UN_ci_3186	221 A/G
UN_ci_3186	241 C/T
UN_ci_3186	261 A/G
UN_ci_3186	282 A/G
UN_ci_3186	302 T/C
UN_ci_3186	323 C/T
UN_ci_3186	344 G/T
UN_ci_3186	364 A/G
UN_ci_3186	384 C/T
UN_ci_3186	406 A/G
UN_ci_3186	427 A/G
UN_ci_3186	447 A/G
UN_ci_3186	469 G/A
UN_ci_3186	489 A/G
UN_ci_3186	510 A/G
UN_ci_3186	530 G/A
UN_ci_3186	554 A/C
UN_ci_3186	575 C/T
UN_ci_3186	598 C/T
UN_ci_3186	629 A/G
UN_ci_3186	649 T/C
UN_ci_3186	669 T/C
UN_ci_3186	690 T/A
UN_ci_3186	714 T/C
UN_ci_3186	735 C/T
UN_ci_3186	756 T/C
UN_ci_3186	780 T/C
UN_ci_3186	802 T/A
UN_ci_3186	823 T/C
UN_ci_3186	843 A/C
UN_ci_3186	873 T/C
UN_ci_3186	910 A/G
UN_ci_3186	930 T/A
UN_ci_3186	953 A/G
UN_ci_3186	973 G/A
UN_ci_3186	1002 T/G
UN_ci_3186	1029 T/C
UN_ci_3186	1050 T/G
UN_ci_3186	1072 A/G
UN_ci_3186	1093 T/C
UN_ci_3186	1123 A/C
UN_ci_3186	1164 T/C
UN_ci_3186	1185 C/T
UN_ci_3186	1226 C/A
UN_ci_3186	1251 T/C
UN_ci_3186	1271 T/C
UN_ci_3186	1313 A/G
UN_ci_3195	49 A/G
UN_ci_3199	923 T/C

Draft

UN_ci_3199	988 C/T
UN_ci_3216	1549 A/G
UN_ci_3216	1834 A/T
UN_ci_3216	2542 C/T
UN_ci_3220	441 T/C
UN_ci_3222	15 C/T
UN_ci_3222	53 G/C
UN_ci_3222	120 C/T
UN_ci_3222	171 G/A
UN_ci_3222	249 T/C
UN_ci_3222	328 A/G
UN_ci_3222	402 C/T
UN_ci_3222	445 C/T
UN_ci_3222	470 A/G
UN_ci_3222	512 A/G
UN_ci_3222	649 A/C
UN_ci_3222	678 A/G
UN_ci_3222	706 A/G
UN_ci_3222	738 T/C
UN_ci_3222	764 C/T
UN_ci_3226	43 A/T
UN_ci_3226	288 T/C
UN_ci_3226	409 A/C
UN_ci_3226	750 C/A
UN_ci_3235	431 G/A
UN_ci_3235	642 T/C
UN_ci_3235	736 C/T
UN_ci_3238	1140 A/G
UN_ci_3241	362 T/C
UN_ci_3241	433 A/G
UN_ci_3241	684 C/A
UN_ci_3245	316 G/A
UN_ci_3245	781 A/C
UN_ci_3245	837 T/C
UN_ci_3245	1023 G/A
UN_ci_3245	1148 A/G
UN_ci_3247	455 G/A
UN_ci_3249	230 C/T
UN_ci_3249	262 G/C
UN_ci_3268	50 A/G
UN_ci_3278	362 A/C
UN_ci_3280	202 T/A
UN_ci_3280	266 G/A
UN_ci_3282	195 C/T
UN_ci_3282	339 T/C
UN_ci_3282	441 C/T
UN_ci_3282	777 G/A
UN_ci_3282	938 C/T
UN_ci_3282	1296 C/T
UN_ci_3282	1511 T/C

Draft

UN_ci_3282	1546 T/C
UN_ci_3282	1600 T/C
UN_ci_3282	1770 G/A
UN_ci_3282	1813 A/T
UN_ci_3287	366 T/C
UN_ci_3287	396 G/A
UN_ci_3287	560 G/C
UN_ci_3287	629 G/A
UN_ci_3287	731 G/T
UN_ci_3313	226 C/A
UN_ci_3314	85 T/C
UN_ci_3317	122 G/C
UN_ci_3325	245 C/T
UN_ci_3326	6 G/A
UN_ci_3338	492 T/C
UN_ci_3338	822 C/T
UN_ci_3340	159 A/T
UN_ci_3354	279 C/T
UN_ci_3355	1056 A/G
UN_ci_3355	1322 T/C
UN_ci_3356	484 T/A
UN_ci_3356	590 T/G
UN_ci_3356	665 G/A
UN_ci_3361	326 G/A
UN_ci_3370	86 A/G
UN_ci_3370	196 C/G
UN_ci_3370	439 A/G
UN_ci_3370	466 G/T
UN_ci_3370	529 A/T
UN_ci_3390	177 A/G
UN_ci_3390	229 G/A
UN_ci_3391	153 T/C
UN_ci_3391	361 A/C
UN_ci_3396	346 G/A
UN_ci_3401	89 C/T
UN_ci_3403	201 G/A
UN_ci_3403	380 A/G
UN_ci_3403	407 G/A
UN_ci_3407	7 C/T
UN_ci_3407	43 T/C
UN_ci_3407	75 A/T
UN_ci_3407	145 C/T
UN_ci_3407	169 C/G
UN_ci_3407	218 C/A
UN_ci_3407	240 C/G
UN_ci_3407	282 A/T
UN_ci_3407	376 T/A
UN_ci_3409	291 T/G
UN_ci_3412	752 G/A
UN_ci_3414	845 A/C

Draft

UN_ci_3414	994 T/G
UN_ci_3417	105 A/C
UN_ci_3417	584 C/T
UN_ci_3417	842 G/C
UN_ci_3417	897 A/G
UN_ci_3418	13 G/T
UN_ci_3418	148 C/T
UN_ci_3418	342 T/C
UN_ci_3418	391 A/G
UN_ci_3418	569 G/A
UN_ci_3418	590 A/G
UN_ci_3426	15 T/A
UN_ci_3434	229 C/T
UN_ci_3434	270 T/C
UN_ci_3434	619 G/A
UN_ci_3434	694 A/G
UN_ci_3439	108 T/C
UN_ci_3440	436 C/A
UN_ci_3449	242 G/T
UN_ci_3452	173 A/G
UN_ci_3453	8 A/G
UN_ci_3453	62 G/A
UN_ci_3453	83 C/T
UN_ci_3453	636 T/C
UN_ci_3469	345 T/C
UN_ci_3469	490 T/C
UN_ci_3478	291 A/G
UN_ci_3481	24 C/T
UN_ci_3485	301 G/A
UN_ci_3486	139 C/T
UN_ci_3488	749 G/A
UN_ci_3488	1445 C/G
UN_ci_3495	167 T/C
UN_ci_3495	272 T/A
UN_ci_3497	216 A/T
UN_ci_3497	373 C/T
UN_ci_3497	508 A/C
UN_ci_3497	538 C/T
UN_ci_3498	392 T/C
UN_ci_3503	952 G/A
UN_ci_3505	404 A/C
UN_ci_3505	524 A/G
UN_ci_3505	646 T/C
UN_ci_3505	846 A/G
UN_ci_3507	444 A/G
UN_ci_3510	601 A/G
UN_ci_3516	155 G/A
UN_ci_3516	210 G/C
UN_ci_3520	402 T/G
UN_ci_3531	386 C/A

Draft

UN_ci_3531	430 G/A
UN_ci_3534	172 G/C
UN_ci_3536	364 C/A
UN_ci_3536	405 T/C
UN_ci_3557	418 G/A
UN_ci_3559	108 A/G
UN_ci_3559	250 G/A
UN_ci_3568	239 C/T
UN_ci_3574	1166 C/T
UN_ci_3576	1192 C/T
UN_ci_3578	519 A/G
UN_ci_3578	576 T/C
UN_ci_3578	610 G/A
UN_ci_3578	684 A/G
UN_ci_3586	385 T/C
UN_ci_3592	400 C/T
UN_ci_3593	326 G/A
UN_ci_3593	478 T/G
UN_ci_3594	288 T/G
UN_ci_3594	408 A/G
UN_ci_3594	433 T/C
UN_ci_3596	416 G/A
UN_ci_3597	314 G/A
UN_ci_3600	255 T/C
UN_ci_3600	599 A/G
UN_ci_3600	870 G/T
UN_ci_3600	998 T/C
UN_ci_3601	172 A/T
UN_ci_3601	195 C/T
UN_ci_3601	225 G/A
UN_ci_3601	256 T/C
UN_ci_3601	283 A/G
UN_ci_3601	312 C/T
UN_ci_3601	337 T/C
UN_ci_3601	380 A/G
UN_ci_3601	404 C/G
UN_ci_3601	441 A/G
UN_ci_3601	469 A/G
UN_ci_3601	489 A/G
UN_ci_3601	521 T/C
UN_ci_3601	563 G/C
UN_ci_3605	119 A/C
UN_ci_3605	219 G/A
UN_ci_3605	262 C/T
UN_ci_3605	344 G/A
UN_ci_3610	151 T/G
UN_ci_3610	399 G/A
UN_ci_3611	45 T/G
UN_ci_3611	192 T/C
UN_ci_3611	521 C/T

Draft

UN_ci_3611	584 C/A
UN_ci_3611	712 A/T
UN_ci_3612	195 C/T
UN_ci_3621	192 A/G
UN_ci_3621	239 A/G
UN_ci_3628	468 G/A
UN_ci_3628	681 T/C
UN_ci_3632	240 A/G
UN_ci_3632	271 C/T
UN_ci_3638	97 T/A
UN_ci_3642	315 G/T
UN_ci_3645	365 C/T
UN_ci_3645	500 A/G
UN_ci_3645	722 T/A
UN_ci_3645	872 G/A
UN_ci_3645	906 A/T
UN_ci_3652	1076 A/T
UN_ci_3652	1119 C/T
UN_ci_3655	13 G/A
UN_ci_3655	211 T/C
UN_ci_3655	252 C/T
UN_ci_3655	373 T/A
UN_ci_3655	419 T/C
UN_ci_3655	580 C/A
UN_ci_3655	626 C/T
UN_ci_3655	687 C/T
UN_ci_3655	727 A/G
UN_ci_3655	793 T/A
UN_ci_3655	918 T/C
UN_ci_3655	981 T/A
UN_ci_3655	1023 G/A
UN_ci_3655	1047 C/A
UN_ci_3655	1135 C/A
UN_ci_3657	373 G/A
UN_ci_3657	464 C/G
UN_ci_3658	201 A/T
UN_ci_3658	402 A/G
UN_ci_3660	170 G/A
UN_ci_3661	395 C/T
UN_ci_3666	89 A/G
UN_ci_3666	224 C/G
UN_ci_3666	451 A/G
UN_ci_3669	166 T/C
UN_ci_3669	272 T/C
UN_ci_3669	469 G/A
UN_ci_3680	13 C/T
UN_ci_3680	401 C/G
UN_ci_3680	438 G/A
UN_ci_3680	484 T/C
UN_ci_3680	551 A/G

Draft

UN_ci_3680	571 C/T
UN_ci_3680	655 A/G
UN_ci_3680	720 T/A
UN_ci_3680	782 T/C
UN_ci_3680	891 T/G
UN_ci_3680	940 T/A
UN_ci_3682	31 G/C
UN_ci_3682	103 C/T
UN_ci_3682	129 A/G
UN_ci_3682	268 A/T
UN_ci_3682	339 A/G
UN_ci_3682	621 A/G
UN_ci_3682	710 C/T
UN_ci_3690	7 A/G
UN_ci_3690	50 T/C
UN_ci_3690	116 G/A
UN_ci_3690	152 T/C
UN_ci_3690	261 T/C
UN_ci_3690	366 G/A
UN_ci_3690	455 C/T
UN_ci_3692	81 A/G
UN_ci_3696	495 A/C
UN_ci_3698	300 G/A
UN_ci_3698	607 A/C
UN_ci_3709	66 G/T
UN_ci_3709	93 T/C
UN_ci_3709	114 A/G
UN_ci_3709	164 A/G
UN_ci_3709	207 G/A
UN_ci_3709	238 A/G
UN_ci_3709	294 A/C
UN_ci_3709	315 G/A
UN_ci_3709	347 T/C
UN_ci_3709	376 T/C
UN_ci_3709	417 T/C
UN_ci_3709	437 T/G
UN_ci_3714	229 G/T
UN_ci_3719	218 A/C
UN_ci_3721	70 T/G
UN_ci_3721	103 T/C
UN_ci_3721	126 T/C
UN_ci_3721	161 A/G
UN_ci_3721	200 A/T
UN_ci_3721	332 T/C
UN_ci_3721	658 A/C
UN_ci_3721	744 T/C
UN_ci_3721	807 G/T
UN_ci_3721	892 T/C
UN_ci_3721	918 C/A
UN_ci_3721	967 G/A

Draft

UN_ci_3721	989 T/C
UN_ci_3721	1044 C/A
UN_ci_3726	602 G/A
UN_ci_3726	964 C/A
UN_ci_3730	300 C/A
UN_ci_3730	366 A/G
UN_ci_3735	43 G/A
UN_ci_3736	298 A/G
UN_ci_3753	80 A/G
UN_ci_3753	124 A/G
UN_ci_3753	155 T/A
UN_ci_3753	193 A/T
UN_ci_3753	245 A/G
UN_ci_3753	288 A/G
UN_ci_3753	339 A/T
UN_ci_3753	479 A/G
UN_ci_3753	500 T/C
UN_ci_3753	641 T/C
UN_ci_3755	433 A/G
UN_ci_3755	511 G/A
UN_ci_3756	263 G/A
UN_ci_3756	469 C/T
UN_ci_3765	223 T/A
UN_ci_3768	59 A/G
UN_ci_3771	228 G/A
UN_ci_3775	71 T/G
UN_ci_3775	91 G/C
UN_ci_3785	264 G/A
UN_ci_3785	310 A/G
UN_ci_3797	407 G/C
UN_ci_3800	129 C/A
UN_ci_3805	6 C/G
UN_ci_3805	127 A/C
UN_ci_3805	534 C/G
UN_ci_3805	587 C/T
UN_ci_3806	40 A/G
UN_ci_3806	245 A/G
UN_ci_3806	292 T/C
UN_ci_3806	410 A/G
UN_ci_3806	463 C/T
UN_ci_3806	496 G/A
UN_ci_3806	543 A/G
UN_ci_3806	713 G/A
UN_ci_3806	745 G/A
UN_ci_3808	229 A/G
UN_ci_3808	337 T/C
UN_ci_3818	638 C/T
UN_ci_3821	37 A/C
UN_ci_3821	85 G/A
UN_ci_3822	334 T/G

Draft

UN_ci_3822	376 T/C
UN_ci_3822	472 A/G
UN_ci_3822	500 A/G
UN_ci_3822	668 C/T
UN_ci_3826	258 A/G
UN_ci_3826	427 G/A
UN_ci_3826	495 G/A
UN_ci_3826	688 G/T
UN_ci_3834	274 G/T
UN_ci_3834	391 T/C
UN_ci_3836	575 A/G
UN_ci_3837	181 C/A
UN_ci_3837	229 A/G
UN_ci_3837	376 T/C
UN_ci_3837	446 A/G
UN_ci_3837	481 A/G
UN_ci_3837	622 T/A
UN_ci_3844	7 C/G
UN_ci_3848	123 C/A
UN_ci_3850	247 T/C
UN_ci_3850	305 G/A
UN_ci_3850	330 T/C
UN_ci_3850	367 C/A
UN_ci_3850	477 C/T
UN_ci_3850	524 A/G
UN_ci_3850	545 G/A
UN_ci_3861	838 G/A
UN_ci_3863	380 T/C
UN_ci_3869	491 A/T
UN_ci_3869	1041 A/C
UN_ci_3871	74 A/G
UN_ci_3871	575 A/T
UN_ci_3889	332 T/C
UN_ci_3893	253 T/C
UN_ci_3903	96 A/T
UN_ci_3905	647 T/G
UN_ci_3905	670 G/A
UN_ci_3905	1016 T/C
UN_ci_3905	1193 G/A
UN_ci_3906	539 T/A
UN_ci_3906	622 T/G
UN_ci_3908	249 G/C
UN_ci_3908	397 C/A
UN_ci_3914	243 A/C
UN_ci_3914	285 C/T
UN_ci_3921	14 C/G
UN_ci_3921	187 A/G
UN_ci_3921	211 A/G
UN_ci_3921	276 C/A
UN_ci_3921	724 C/T

Draft

UN_ci_3927	246 A/G
UN_ci_3927	360 G/A
UN_ci_3927	456 T/C
UN_ci_3942	549 C/A
UN_ci_3942	1031 T/C
UN_ci_3942	1080 T/C
UN_ci_3942	1330 T/C
UN_ci_3949	140 G/A
UN_ci_3949	200 A/T
UN_ci_3950	207 A/C
UN_ci_3964	170 G/A
UN_ci_3968	667 G/A
UN_ci_3968	985 T/C
UN_ci_3973	389 G/A
UN_ci_3976	228 A/G
UN_ci_3998	219 G/T
UN_ci_4006	112 C/A
UN_ci_4006	148 G/A
UN_ci_4006	199 T/C
UN_ci_4006	225 C/T
UN_ci_4006	269 A/G
UN_ci_4006	319 T/C
UN_ci_4006	365 A/C
UN_ci_4006	390 A/G
UN_ci_4006	447 A/G
UN_ci_4006	467 T/C
UN_ci_4006	512 C/T
UN_ci_4006	534 T/C
UN_ci_4006	554 G/A
UN_ci_4006	577 C/T
UN_ci_4006	597 T/G
UN_ci_4006	626 T/C
UN_ci_4006	651 G/T
UN_ci_4006	675 C/T
UN_ci_4006	701 A/G
UN_ci_4006	739 A/G
UN_ci_4006	803 A/G
UN_ci_4006	868 A/G
UN_ci_4006	915 G/C
UN_ci_4010	227 G/T
UN_ci_4020	168 C/T
UN_ci_4020	350 T/C
UN_ci_4020	396 A/G
UN_ci_4020	431 A/T
UN_ci_4020	452 T/C
UN_ci_4020	475 A/T
UN_ci_4020	496 A/G
UN_ci_4022	46 T/C
UN_ci_4023	565 C/T
UN_ci_4023	648 T/C

Draft

UN_ci_4024	810 G/A
UN_ci_4040	386 G/A
UN_ci_4040	470 T/A
UN_ci_4048	472 A/G
UN_ci_4049	103 A/G
UN_ci_4050	76 A/G
UN_ci_4057	371 C/T
UN_ci_4059	300 G/A
UN_ci_4060	162 G/A
UN_ci_4060	329 C/T
UN_ci_4060	362 G/A
UN_ci_4064	141 C/T
UN_ci_4064	339 A/T
UN_ci_4064	627 G/T
UN_ci_4069	472 C/T
UN_ci_4069	1035 A/G
UN_ci_4072	480 C/T
UN_ci_4073	8 G/A
UN_ci_4073	263 T/C
UN_ci_4073	407 A/G
UN_ci_4079	178 A/G
UN_ci_4079	332 G/A
UN_ci_4085	336 C/T
UN_ci_4086	188 G/A
UN_ci_4089	175 A/G
UN_ci_4091	773 T/A
UN_ci_4096	223 T/C
UN_ci_4098	723 G/A
UN_ci_4101	717 C/T
UN_ci_4106	209 C/G
UN_ci_4106	432 T/C
UN_ci_4106	497 G/A
UN_ci_4116	571 G/A
UN_ci_4116	1278 C/T
UN_ci_4116	1406 C/T
UN_ci_4121	439 C/T
UN_ci_4122	18 G/T
UN_ci_4122	157 A/T
UN_ci_4122	371 A/G
UN_ci_4122	1091 C/T
UN_ci_4122	2006 T/C
UN_ci_4129	475 C/A
UN_ci_4135	39 G/A
UN_ci_4135	61 G/C
UN_ci_4135	404 A/G
UN_ci_4154	460 C/A
UN_ci_4157	7 G/A
UN_ci_4157	129 G/A
UN_ci_4159	619 G/C
UN_ci_4160	423 G/T

UN_ci_4160	657 T/C
UN_ci_4160	1034 A/G
UN_ci_4160	1099 T/C
UN_ci_4161	525 C/A
UN_ci_4164	545 G/A
UN_ci_4165	567 A/T
UN_ci_4168	203 C/T
UN_ci_4169	324 A/C
UN_ci_4170	146 A/G
UN_ci_4172	871 C/A
UN_ci_4182	179 A/G
UN_ci_4186	188 G/A
UN_ci_4191	543 T/G
UN_ci_4193	241 G/T
UN_ci_4193	287 G/A
UN_ci_4193	317 G/A
UN_ci_4193	410 T/A
UN_ci_4193	602 C/T
UN_ci_4193	629 C/T
UN_ci_4193	683 G/A
UN_ci_4193	1070 C/A
UN_ci_4193	1094 A/G
UN_ci_4193	1190 C/G
UN_ci_4193	1317 G/A
UN_ci_4193	1388 C/A
UN_ci_4193	1479 G/A
UN_ci_4193	1540 T/G
UN_ci_4201	642 G/A
UN_ci_4201	795 G/T
UN_ci_4204	36 C/T
UN_ci_4204	60 A/C
UN_ci_4204	85 A/G
UN_ci_4204	114 A/G
UN_ci_4204	167 A/G
UN_ci_4204	188 G/A
UN_ci_4204	253 A/G
UN_ci_4204	279 T/C
UN_ci_4204	321 A/G
UN_ci_4204	346 C/A
UN_ci_4204	368 A/G
UN_ci_4204	407 A/G
UN_ci_4204	445 T/C
UN_ci_4204	492 T/C
UN_ci_4204	514 T/C
UN_ci_4204	542 A/G
UN_ci_4204	602 G/T
UN_ci_4204	633 T/C
UN_ci_4204	660 A/G
UN_ci_4204	701 C/T
UN_ci_4204	745 C/A

Draft

UN_ci_4217	475 T/C
UN_ci_4217	497 C/T
UN_ci_4224	175 T/C
UN_ci_4224	352 G/A
UN_ci_4226	276 T/C
UN_ci_4227	312 C/T
UN_ci_4227	344 T/A
UN_ci_4227	408 T/C
UN_ci_4230	279 G/A
UN_ci_4230	791 C/A
UN_ci_4230	823 G/A
UN_ci_4230	905 T/A
UN_ci_4250	173 A/G
UN_ci_4252	94 T/C
UN_ci_4252	354 A/T
UN_ci_4256	311 A/G
UN_ci_4256	495 A/G
UN_ci_4256	610 C/A
UN_ci_4256	654 A/G
UN_ci_4256	801 T/C
UN_ci_4256	832 C/T
UN_ci_4256	870 T/C
UN_ci_4256	900 T/G
UN_ci_4259	294 A/G
UN_ci_4260	165 C/T
UN_ci_4266	886 T/A
UN_ci_4266	1056 G/T
UN_ci_4273	274 T/C
UN_ci_4273	792 G/A
UN_ci_4273	985 G/A
UN_ci_4275	28 T/C
UN_ci_4275	82 C/A
UN_ci_4275	255 A/T
UN_ci_4275	287 T/C
UN_ci_4275	404 A/C
UN_ci_4275	580 T/A
UN_ci_4275	882 G/A
UN_ci_4277	171 T/C
UN_ci_4277	411 C/A
UN_ci_4279	119 G/T
UN_ci_4279	164 T/A
UN_ci_4279	224 C/T
UN_ci_4279	273 T/C
UN_ci_4279	381 G/A
UN_ci_4279	473 C/T
UN_ci_4279	509 T/G
UN_ci_4279	685 A/T
UN_ci_4293	633 C/A
UN_ci_4293	881 A/G
UN_ci_4301	398 C/T

Draft

UN_ci_4316	248 T/C
UN_ci_4329	448 T/C
UN_ci_4329	583 A/T
UN_ci_4338	163 G/T
UN_ci_4338	398 C/T
UN_ci_4339	23 T/C
UN_ci_4339	171 A/C
UN_ci_4339	237 T/C
UN_ci_4339	258 G/T
UN_ci_4342	725 C/A
UN_ci_4343	6 A/G
UN_ci_4343	105 G/A
UN_ci_4343	133 C/A
UN_ci_4343	216 T/C
UN_ci_4343	247 G/A
UN_ci_4343	299 C/T
UN_ci_4343	321 G/T
UN_ci_4343	356 A/G
UN_ci_4343	377 G/A
UN_ci_4343	397 A/G
UN_ci_4343	423 A/G
UN_ci_4343	461 G/A
UN_ci_4343	538 T/C
UN_ci_4343	564 A/G
UN_ci_4343	584 A/G
UN_ci_4343	609 T/C
UN_ci_4343	634 A/G
UN_ci_4343	671 A/C
UN_ci_4343	735 T/C
UN_ci_4343	758 T/C
UN_ci_4343	836 C/T
UN_ci_4343	1394 C/G
UN_ci_4343	1552 T/A
UN_ci_4348	317 A/G
UN_ci_4348	405 G/A
UN_ci_4350	381 G/A
UN_ci_4350	467 A/C
UN_ci_4350	856 G/T
UN_ci_4352	476 T/C
UN_ci_4352	953 A/G
UN_ci_4352	1140 C/A
UN_ci_4353	105 A/G
UN_ci_4353	272 A/T
UN_ci_4353	408 G/A
UN_ci_4354	26 G/T
UN_ci_4354	89 A/G
UN_ci_4354	161 C/A
UN_ci_4354	189 A/G
UN_ci_4354	221 C/A
UN_ci_4354	325 T/C

Draft

UN_ci_4354	365 T/C
UN_ci_4354	393 A/G
UN_ci_4354	420 A/G
UN_ci_4354	443 A/G
UN_ci_4354	500 T/C
UN_ci_4354	593 A/G
UN_ci_4354	637 C/T
UN_ci_4354	678 A/G
UN_ci_4358	232 C/T
UN_ci_4358	397 C/T
UN_ci_4363	70 C/T
UN_ci_4363	259 C/T
UN_ci_4363	311 G/A
UN_ci_4363	356 T/A
UN_ci_4363	482 C/T
UN_ci_4363	594 A/G
UN_ci_4363	741 T/C
UN_ci_4363	776 T/C
UN_ci_4366	134 G/T
UN_ci_4378	358 A/C
UN_ci_4416	276 C/A
UN_ci_4425	659 A/G
UN_ci_4429	249 A/G
UN_ci_4429	500 A/T
UN_ci_4429	557 G/A
UN_ci_4429	662 C/T
UN_ci_4429	735 A/G
UN_ci_4433	117 A/C
UN_ci_4434	60 A/T
UN_ci_4434	297 G/A
UN_ci_4439	158 C/T
UN_ci_4439	185 A/G
UN_ci_4439	347 A/C
UN_ci_4439	698 A/T
UN_ci_4439	864 A/C
UN_ci_4443	198 T/C
UN_ci_4443	296 A/G
UN_ci_4443	347 T/A
UN_ci_4443	497 G/T
UN_ci_4445	287 G/T
UN_ci_4461	49 C/G
UN_ci_4472	210 T/C
UN_ci_4480	241 A/T
UN_ci_4485	238 C/T
UN_ci_4485	290 A/C
UN_ci_4486	264 G/A
UN_ci_4487	673 T/C
UN_ci_4490	196 C/T
UN_ci_4515	902 T/C
UN_ci_4516	453 T/A

Draft

UN_ci_4522	205 A/G
UN_ci_4552	740 A/T
UN_ci_4554	243 T/C
UN_ci_4558	483 A/T
UN_ci_4563	86 T/C
UN_ci_4563	168 G/A
UN_ci_4564	502 T/C
UN_ci_4569	36 G/A
UN_ci_4569	389 C/T
UN_ci_4571	185 G/A
UN_ci_4577	452 T/C
UN_ci_4583	346 G/A
UN_ci_4584	254 A/G
UN_ci_4599	130 G/A
UN_ci_4599	163 G/A
UN_ci_4599	851 A/G
UN_ci_4603	84 T/C
UN_ci_4609	174 C/T
UN_ci_4611	393 T/A
UN_ci_4611	449 T/A
UN_ci_4611	499 G/T
UN_ci_4613	233 T/C
UN_ci_4613	285 C/T
UN_ci_4613	570 C/T
UN_ci_4625	466 A/G
UN_ci_4626	592 T/A
UN_ci_4630	482 C/T
UN_ci_4635	19 A/G
UN_ci_4635	174 C/T
UN_ci_4635	243 G/A
UN_ci_4635	275 G/A
UN_ci_4635	394 G/T
UN_ci_4635	466 T/C
UN_ci_4635	629 T/C
UN_ci_4635	690 G/C
UN_ci_4638	169 G/A
UN_ci_4641	126 G/A
UN_ci_4646	282 A/G
UN_ci_4646	334 C/T
UN_ci_4646	486 T/C
UN_ci_4646	531 G/T
UN_ci_4646	658 T/C
UN_ci_4653	137 T/C
UN_ci_4653	176 G/A
UN_ci_4653	241 T/C
UN_ci_4653	636 A/G
UN_ci_4653	1152 T/C
UN_ci_4653	1391 A/G
UN_ci_4655	241 G/A
UN_ci_4655	420 A/C

Draft

UN_ci_4662	647 G/C
UN_ci_4662	944 G/A
UN_ci_4669	291 C/T
UN_ci_4671	175 A/G
UN_ci_4671	687 C/T
UN_ci_4676	269 G/A
UN_ci_4679	80 G/A
UN_ci_4679	120 A/C
UN_ci_4679	198 C/T
UN_ci_4679	603 A/G
UN_ci_4679	628 A/G
UN_ci_4680	297 C/T
UN_ci_4692	135 A/G
UN_ci_4692	172 C/G
UN_ci_4696	724 C/T
UN_ci_4696	778 G/A
UN_ci_4696	895 G/T
UN_ci_4699	154 G/A
UN_ci_4699	307 G/A
UN_ci_4699	341 A/G
UN_ci_4699	407 A/G
UN_ci_4699	539 A/T
UN_ci_4704	185 A/G
UN_ci_4712	486 T/C
UN_ci_4715	507 A/G
UN_ci_4715	536 T/A
UN_ci_4717	466 A/G
UN_ci_4718	135 A/C
UN_ci_4718	291 C/T
UN_ci_4718	447 T/C
UN_ci_4719	680 T/C
UN_ci_4719	701 A/C
UN_ci_4728	309 C/T
UN_ci_4728	444 T/A
UN_ci_4733	239 A/C
UN_ci_4738	883 A/G
UN_ci_4739	569 A/T
UN_ci_4739	758 T/A
UN_ci_4745	27 G/T
UN_ci_4745	148 G/A
UN_ci_4745	243 C/G
UN_ci_4745	361 A/G
UN_ci_4745	428 C/A
UN_ci_4745	468 C/T
UN_ci_4746	37 C/G
UN_ci_4757	394 A/G
UN_ci_4761	834 A/G
UN_ci_4761	1000 T/C
UN_ci_4764	300 T/C
UN_ci_4767	580 C/G

Draft

UN_ci_4779	17 T/G
UN_ci_4779	147 C/T
UN_ci_4779	216 T/C
UN_ci_4779	503 T/C
UN_ci_4779	539 C/A
UN_ci_4779	624 A/G
UN_ci_4781	106 A/G
UN_ci_4781	165 A/G
UN_ci_4781	212 G/A
UN_ci_4781	261 C/T
UN_ci_4781	408 G/A
UN_ci_4781	642 T/C
UN_ci_4781	699 G/A
UN_ci_4784	14 T/C
UN_ci_4784	180 A/T
UN_ci_4784	552 A/G
UN_ci_4784	673 G/A
UN_ci_4784	846 A/T
UN_ci_4789	523 T/C
UN_ci_4794	229 A/G
UN_ci_4808	123 G/A
UN_ci_4808	327 C/T
UN_ci_4825	717 G/A
UN_ci_4828	72 G/A
UN_ci_4828	297 C/T
UN_ci_4830	688 A/T
UN_ci_4833	424 A/G
UN_ci_4835	126 C/A
UN_ci_4835	147 G/A
UN_ci_4837	104 C/A
UN_ci_4837	305 C/T
UN_ci_4853	25 T/C
UN_ci_4858	46 G/A
UN_ci_4858	226 G/A
UN_ci_4858	390 G/T
UN_ci_4858	469 C/T
UN_ci_4858	714 T/C
UN_ci_4873	101 T/C
UN_ci_4884	62 C/T
UN_ci_4884	525 T/G
UN_ci_4885	44 T/C
UN_ci_4885	95 T/C
UN_ci_4899	1016 C/T
UN_ci_4899	1208 C/G
UN_ci_4913	313 G/T
UN_ci_4917	88 A/G
UN_ci_4924	286 T/A
UN_ci_4931	406 A/G
UN_ci_4931	485 A/G
UN_ci_4933	325 C/T

Draft

UN_ci_4937	431 A/G
UN_ci_4947	129 A/G
UN_ci_4950	258 G/C
UN_ci_4954	12 A/G
UN_ci_4954	181 G/A
UN_ci_4954	322 A/G
UN_ci_4956	481 T/C
UN_ci_4956	572 C/T
UN_ci_4956	605 T/A
UN_ci_4956	911 C/A
UN_ci_4962	126 C/T
UN_ci_4964	541 T/C
UN_ci_4969	343 G/A
UN_ci_4975	278 G/A
UN_ci_4979	238 G/A
UN_ci_4979	405 A/T
UN_ci_4981	228 T/C
UN_ci_4993	271 A/G
UN_ci_4993	663 C/T
UN_ci_4993	880 A/G
UN_ci_4993	970 A/G
UN_ci_4997	80 T/C
UN_ci_4997	116 T/C
UN_ci_4997	160 C/A
UN_ci_4997	256 T/C
UN_ci_4997	288 T/C
UN_ci_4997	322 G/T
UN_ci_4997	391 A/G
UN_ci_4997	482 C/T
UN_ci_4997	587 G/A
UN_ci_4997	785 T/G
UN_ci_4997	838 G/T
UN_ci_4997	871 T/G
UN_ci_4997	1091 T/C
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UN_ci_4997	1207 G/A
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UN_ci_4997	1290 C/T
UN_ci_4997	1322 T/C
UN_ci_4997	1364 A/G
UN_ci_4997	1428 T/C
UN_ci_4997	1494 C/T
UN_ci_4997	1606 G/C
UN_ci_4997	1841 G/A
UN_ci_4998	135 T/A
UN_ci_5009	50 T/C
UN_ci_5009	95 C/T
UN_ci_5009	244 T/C
UN_ci_5009	265 C/A
UN_ci_5009	289 T/C

UN_ci_5009	342 C/G
UN_ci_5009	415 T/A
UN_ci_5009	529 A/T
UN_ci_5009	677 A/G
UN_ci_5009	754 A/T
UN_ci_5009	797 C/G
UN_ci_5009	841 A/G
UN_ci_5009	870 T/C
UN_ci_5009	906 C/T
UN_ci_5009	956 A/G
UN_ci_5009	1005 T/C
UN_ci_5009	1044 T/C
UN_ci_5009	1093 A/G
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UN_ci_5009	1246 A/G
UN_ci_5009	1399 T/C
UN_ci_5009	1440 C/G
UN_ci_5009	1462 T/C
UN_ci_5016	587 A/G
UN_ci_5026	142 T/A
UN_ci_5026	353 C/T
UN_ci_5026	577 A/C
UN_ci_5026	812 A/C
UN_ci_5026	865 G/A
UN_ci_5026	1081 C/T
UN_ci_5029	385 T/C
UN_ci_5036	367 T/C
UN_ci_5041	266 T/A
UN_ci_5041	482 G/A
UN_ci_5041	511 T/A
UN_ci_5041	576 A/G
UN_ci_5041	729 T/C
UN_ci_5041	858 A/G
UN_ci_5049	7 A/G
UN_ci_5049	50 A/T
UN_ci_5049	129 G/T
UN_ci_5053	318 T/C
UN_ci_5059	348 C/T
UN_ci_5059	526 G/C
UN_ci_5059	614 C/T
UN_ci_5072	354 T/C
UN_ci_5072	468 T/C
UN_ci_5073	32 T/C
UN_ci_5076	243 T/G
UN_ci_5080	322 C/T
UN_ci_5085	361 T/C
UN_ci_5097	25 T/G
UN_ci_5097	178 T/C
UN_ci_5097	200 A/G
UN_ci_5097	236 T/A

Draft

UN_ci_5097	289 A/T
UN_ci_5098	232 G/A
UN_ci_5098	954 C/T
UN_ci_5104	118 G/A
UN_ci_5104	409 A/T
UN_ci_5104	698 C/T
UN_ci_5104	862 G/A
UN_ci_5104	976 T/A
UN_ci_5104	1006 T/C
UN_ci_5104	1074 G/T
UN_ci_5104	1239 A/G
UN_ci_5104	1264 G/A
UN_ci_5104	1286 A/C
UN_ci_5111	233 A/G
UN_ci_5114	21 G/C
UN_ci_5114	285 A/G
UN_ci_5114	575 A/G
UN_ci_5120	361 G/T
UN_ci_5121	84 A/G
UN_ci_5121	308 T/C
UN_ci_5124	241 G/A
UN_ci_5124	302 G/A
UN_ci_5124	363 T/G
UN_ci_5124	601 C/T
UN_ci_5124	718 T/C
UN_ci_5124	784 T/C
UN_ci_5129	354 G/A
UN_ci_5134	361 A/G
UN_ci_5134	426 C/T
UN_ci_5149	172 T/G
UN_ci_5149	377 C/T
UN_ci_5154	321 G/T
UN_ci_5166	177 A/G
UN_ci_5176	490 C/T
UN_ci_5184	863 C/G
UN_ci_5185	350 G/A
UN_ci_5192	36 T/A
UN_ci_5192	106 A/G
UN_ci_5192	497 C/A
UN_ci_5192	525 A/G
UN_ci_5196	61 G/C
UN_ci_5196	182 G/A
UN_ci_5196	459 C/A
UN_ci_5200	69 A/G
UN_ci_5200	229 T/C
UN_ci_5200	278 C/T
UN_ci_5200	308 C/A
UN_ci_5200	582 T/C
UN_ci_5200	731 C/A
UN_ci_5201	574 A/C

UN_ci_5201	620 C/T
UN_ci_5211	67 T/C
UN_ci_5211	316 G/A
UN_ci_5212	249 C/G
UN_ci_5219	86 T/C
UN_ci_5219	113 A/C
UN_ci_5219	242 G/C
UN_ci_5219	368 A/G
UN_ci_5219	486 A/G
UN_ci_5219	587 G/A
UN_ci_5219	688 A/G
UN_ci_5219	738 T/G
UN_ci_5219	802 C/T
UN_ci_5219	822 A/T
UN_ci_5219	874 A/G
UN_ci_5219	947 A/C
UN_ci_5219	969 C/T
UN_ci_5219	1060 G/A
UN_ci_5219	1347 G/A
UN_ci_5219	1378 A/G
UN_ci_5219	1399 C/T
UN_ci_5219	1521 T/C
UN_ci_5219	1622 A/G
UN_ci_5219	1643 A/G
UN_ci_5220	690 G/A
UN_ci_5228	381 T/C
UN_ci_5228	461 A/T
UN_ci_5228	518 C/T
UN_ci_5228	642 G/A
UN_ci_5229	288 C/T
UN_ci_5239	185 T/C
UN_ci_5241	391 T/G
UN_ci_5248	220 G/A
UN_ci_5248	465 T/C
UN_ci_5250	716 C/T
UN_ci_5251	376 T/C
UN_ci_5251	464 T/C
UN_ci_5251	529 T/C
UN_ci_5251	572 C/T
UN_ci_5254	520 G/A
UN_ci_5258	661 A/G
UN_ci_5259	84 G/C
UN_ci_5259	241 C/T
UN_ci_5259	277 C/T
UN_ci_5259	566 T/C
UN_ci_5259	618 A/G
UN_ci_5261	46 G/C
UN_ci_5261	215 A/G
UN_ci_5261	881 C/T
UN_ci_5262	42 G/C

Draft

UN_ci_5262	72 C/A
UN_ci_5262	454 T/C
UN_ci_5262	478 G/A
UN_ci_5270	246 A/T
UN_ci_5280	1388 G/A
UN_ci_5288	90 G/C
UN_ci_5288	171 T/C
UN_ci_5288	356 C/T
UN_ci_5291	140 A/G
UN_ci_5291	480 A/G
UN_ci_5291	794 C/G
UN_ci_5294	486 T/C
UN_ci_5314	230 C/G
UN_ci_5314	288 C/T
UN_ci_5314	481 A/G
UN_ci_5314	629 A/G
UN_ci_5322	391 T/A
UN_ci_5324	203 A/T
UN_ci_5326	494 C/T
UN_ci_5329	563 C/T
UN_ci_5330	53 A/C
UN_ci_5343	139 A/G
UN_ci_5343	236 T/A
UN_ci_5343	287 A/G
UN_ci_5343	403 C/A
UN_ci_5346	328 A/T
UN_ci_5346	391 C/T
UN_ci_5348	150 C/T
UN_ci_5348	727 G/T
UN_ci_5351	74 C/T
UN_ci_5351	234 C/T
UN_ci_5354	202 C/T
UN_ci_5379	520 T/G
UN_ci_5379	648 A/T
UN_ci_5379	735 G/A
UN_ci_5384	32 G/T
UN_ci_5384	194 C/A
UN_ci_5388	392 T/C
UN_ci_5388	606 G/T
UN_ci_5388	971 T/A
UN_ci_5388	1094 A/G
UN_ci_5389	75 T/G
UN_ci_5394	782 T/A
UN_ci_5411	262 G/A
UN_ci_5455	335 T/G
UN_ci_5455	528 A/G
UN_ci_5455	702 A/C
UN_ci_5458	115 G/C
UN_ci_5458	206 A/T
UN_ci_5461	101 A/G

Draft

UN_ci_5468	123 G/A
UN_ci_5468	289 A/G
UN_ci_5470	175 A/T
UN_ci_5472	324 A/G
UN_ci_5475	68 A/C
UN_ci_5475	120 G/A
UN_ci_5475	377 G/C
UN_ci_5475	596 T/A
UN_ci_5475	943 T/C
UN_ci_5475	1250 A/G
UN_ci_5475	1710 A/G
UN_ci_5483	8 T/A
UN_ci_5483	95 A/G
UN_ci_5483	397 G/A
UN_ci_5483	418 C/T
UN_ci_5483	505 G/A
UN_ci_5483	564 G/A
UN_ci_5483	615 G/A
UN_ci_5483	851 A/G
UN_ci_5483	937 T/C
UN_ci_5488	104 T/G
UN_ci_5492	295 C/T
UN_ci_5492	505 A/G
UN_ci_5500	510 A/G
UN_ci_5511	69 A/G
UN_ci_5511	170 C/T
UN_ci_5511	240 A/G
UN_ci_5513	178 T/C
UN_ci_5513	294 T/C
UN_ci_5515	107 A/G
UN_ci_5517	399 C/T
UN_ci_5517	601 T/A
UN_ci_5521	25 G/A
UN_ci_5521	634 T/A
UN_ci_5521	712 C/T
UN_ci_5521	744 A/G
UN_ci_5521	766 C/A
UN_ci_5525	349 G/T
UN_ci_5538	43 G/A
UN_ci_5538	270 G/A
UN_ci_5538	326 T/C
UN_ci_5538	489 A/G
UN_ci_5538	603 A/C
UN_ci_5538	654 A/G
UN_ci_5538	801 T/C
UN_ci_5539	92 C/T
UN_ci_5543	368 G/A
UN_ci_5558	486 T/C
UN_ci_5560	225 A/C
UN_ci_5560	346 T/C

Draft

UN_ci_5560	484 G/A
UN_ci_5561	190 A/G
UN_ci_5573	116 G/A
UN_ci_5574	384 T/C
UN_ci_5574	429 A/G
UN_ci_5574	523 A/G
UN_ci_5574	610 A/G
UN_ci_5574	773 G/C
UN_ci_5578	421 G/A
UN_ci_5583	94 G/C
UN_ci_5583	305 C/T
UN_ci_5583	687 T/C
UN_ci_5583	835 T/C
UN_ci_5594	482 T/C
UN_ci_5619	303 A/G
UN_ci_5619	385 G/T
UN_ci_5631	767 A/G
UN_ci_5633	130 A/G
UN_ci_5633	376 G/A
UN_ci_5638	356 C/G
UN_ci_5649	57 G/A
UN_ci_5649	93 A/T
UN_ci_5649	378 A/G
UN_ci_5661	67 C/A
UN_ci_5661	89 T/G
UN_ci_5661	205 T/G
UN_ci_5661	355 T/C
UN_ci_5661	425 C/T
UN_ci_5662	26 T/G
UN_ci_5667	111 C/T
UN_ci_5667	251 C/T
UN_ci_5679	139 A/T
UN_ci_5685	11 A/G
UN_ci_5696	105 A/G
UN_ci_5713	203 A/T
UN_ci_5713	256 T/C
UN_ci_5718	400 A/C
UN_ci_5721	340 T/C
UN_ci_5721	412 G/T
UN_ci_5721	475 C/T
UN_ci_5724	218 A/G
UN_ci_5735	283 G/A
UN_ci_5746	241 C/G
UN_ci_5747	272 A/G
UN_ci_5747	383 A/G
UN_ci_5747	428 A/G
UN_ci_5747	453 C/T
UN_ci_5747	490 T/C
UN_ci_5748	199 G/A
UN_ci_5751	10 G/A

Draft

UN_ci_5752	121 G/C
UN_ci_5757	23 G/T
UN_ci_5760	234 A/T
UN_ci_5764	259 C/G
UN_ci_5774	376 G/A
UN_ci_5775	408 T/G
UN_ci_5799	504 C/T
UN_ci_5805	106 G/T
UN_ci_5805	302 G/A
UN_ci_5805	421 T/C
UN_ci_5805	558 A/G
UN_ci_5805	594 T/C
UN_ci_5805	771 T/C
UN_ci_5805	800 C/A
UN_ci_5816	102 T/C
UN_ci_5819	249 A/C
UN_ci_5819	1215 A/G
UN_ci_5824	609 T/C
UN_ci_5829	183 T/A
UN_ci_5829	306 A/G
UN_ci_5829	356 G/A
UN_ci_5839	885 A/G
UN_ci_5839	1019 A/G
UN_ci_5839	1197 T/G
UN_ci_5839	1282 G/A
UN_ci_5845	130 T/C
UN_ci_5849	85 A/G
UN_ci_5849	173 T/C
UN_ci_5849	443 G/C
UN_ci_5857	107 G/T
UN_ci_5870	10 G/C
UN_ci_5870	759 A/T
UN_ci_5872	149 C/T
UN_ci_5872	347 T/C
UN_ci_5874	378 G/A
UN_ci_5876	393 A/G
UN_ci_5877	950 A/G
UN_ci_5884	549 A/C
UN_ci_5885	66 A/G
UN_ci_5890	19 G/C
UN_ci_5890	42 A/G
UN_ci_5890	65 C/T
UN_ci_5890	111 A/G
UN_ci_5890	200 A/G
UN_ci_5890	647 C/T
UN_ci_5890	695 T/C
UN_ci_5892	178 A/C
UN_ci_5892	1279 T/C
UN_ci_5892	1300 A/T
UN_ci_5908	387 T/G

Draft

UN_ci_5911	658 A/G
UN_ci_5911	734 A/G
UN_ci_5911	757 A/T
UN_ci_5911	955 A/G
UN_ci_5911	1062 A/G
UN_ci_5911	1154 G/A
UN_ci_5911	1240 T/C
UN_ci_5911	1418 A/T
UN_ci_5916	171 T/A
UN_ci_5916	237 C/A
UN_ci_5916	435 G/A
UN_ci_5916	572 T/C
UN_ci_5918	120 C/T
UN_ci_5918	292 T/A
UN_ci_5925	380 T/C
UN_ci_5925	563 T/C
UN_ci_5925	932 T/G
UN_ci_5925	1157 A/G
UN_ci_5935	94 A/G
UN_ci_5939	142 A/G
UN_ci_5939	172 A/G
UN_ci_5939	220 C/T
UN_ci_5939	334 C/T
UN_ci_5939	355 T/C
UN_ci_5939	476 C/G
UN_ci_5942	468 A/G
UN_ci_5942	547 C/T
UN_ci_5943	289 T/A
UN_ci_5947	53 A/G
UN_ci_5960	213 A/G
UN_ci_5960	779 A/T
UN_ci_5962	155 A/T
UN_ci_5962	780 G/A
UN_ci_5962	824 A/T
UN_ci_5962	946 G/A
UN_ci_5965	174 T/C
UN_ci_5967	366 A/G
UN_ci_5976	542 G/C
UN_ci_5978	297 G/A
UN_ci_5979	302 T/C
UN_ci_5979	406 C/T
UN_ci_5979	859 G/A
UN_ci_5983	271 A/G
UN_ci_5983	526 A/G
UN_ci_5983	699 T/C
UN_ci_5983	819 G/A
UN_ci_5983	915 G/T
UN_ci_6001	27 A/G
UN_ci_6001	207 G/A
UN_ci_6001	257 A/G

Draft

UN_ci_6001	646 A/G
UN_ci_6004	437 A/C
UN_ci_6004	691 C/G
UN_ci_6010	382 A/C
UN_ci_6010	577 T/A
UN_ci_6010	670 A/G
UN_ci_6012	94 C/T
UN_ci_6012	583 C/A
UN_ci_6015	152 T/C
UN_ci_6015	185 T/C
UN_ci_6015	428 A/G
UN_ci_6019	409 A/G
UN_ci_6023	138 C/T
UN_ci_6023	703 C/T
UN_ci_6027	42 G/C
UN_ci_6027	378 C/T
UN_ci_6027	1112 G/T
UN_ci_6037	139 C/T
UN_ci_6059	127 G/A
UN_ci_6059	184 C/A
UN_ci_6059	325 A/G
UN_ci_6070	322 T/A
UN_ci_6070	494 T/G
UN_ci_6075	34 T/C
UN_ci_6075	369 A/G
UN_ci_6075	469 T/C
UN_ci_6075	535 C/T
UN_ci_6075	782 C/A
UN_ci_6078	286 A/G
UN_ci_6078	387 A/T
UN_ci_6078	458 C/T
UN_ci_6078	489 A/G
UN_ci_6078	598 G/A
UN_ci_6081	285 A/C
UN_ci_6084	30 T/C
UN_ci_6096	883 C/T
UN_ci_6112	56 A/T
UN_ci_6112	102 G/A
UN_ci_6112	167 C/T
UN_ci_6112	333 C/T
UN_ci_6115	179 A/G
UN_ci_6115	262 G/A
UN_ci_6115	315 T/C
UN_ci_6115	352 A/G
UN_ci_6115	395 T/C
UN_ci_6115	534 C/T
UN_ci_6115	615 T/C
UN_ci_6118	142 A/G
UN_ci_6118	208 C/A
UN_ci_6119	68 A/C

Draft

UN_ci_6119	252 G/T
UN_ci_6119	611 T/C
UN_ci_6119	650 T/C
UN_ci_6119	694 T/C
UN_ci_6119	726 T/C
UN_ci_6122	126 G/A
UN_ci_6122	832 A/G
UN_ci_6124	24 G/T
UN_ci_6124	159 G/A
UN_ci_6124	424 A/G
UN_ci_6124	702 A/C
UN_ci_6129	265 T/C
UN_ci_6131	139 G/A
UN_ci_6132	50 G/A
UN_ci_6132	714 G/A
UN_ci_6141	422 A/G
UN_ci_6142	1035 T/A
UN_ci_6142	1251 A/G
UN_ci_6148	37 A/T
UN_ci_6148	106 C/T
UN_ci_6148	436 T/A
UN_ci_6148	522 A/C
UN_ci_6148	598 T/G
UN_ci_6148	636 C/T
UN_ci_6148	660 A/G
UN_ci_6148	752 G/A
UN_ci_6148	807 C/T
UN_ci_6152	652 G/A
UN_ci_6154	107 A/G
UN_ci_6154	165 G/A
UN_ci_6154	190 G/A
UN_ci_6155	379 A/G
UN_ci_6156	36 C/T
UN_ci_6156	81 G/T
UN_ci_6156	130 C/T
UN_ci_6156	177 G/A
UN_ci_6156	285 T/C
UN_ci_6156	355 G/A
UN_ci_6156	380 C/G
UN_ci_6156	538 A/G
UN_ci_6157	250 T/G
UN_ci_6158	131 T/C
UN_ci_6160	52 A/G
UN_ci_6160	479 A/G
UN_ci_6163	385 A/C
UN_ci_6163	453 A/G
UN_ci_6163	486 T/C
UN_ci_6163	529 C/T
UN_ci_6163	646 C/T
UN_ci_6164	698 T/C

UN_ci_6164	739 G/T
UN_ci_6164	850 C/A
UN_ci_6164	886 A/G
UN_ci_6169	878 A/C
UN_ci_6179	187 C/T
UN_ci_6179	219 A/G
UN_ci_6183	83 A/G
UN_ci_6183	378 C/A
UN_ci_6184	334 A/G
UN_ci_6184	509 A/C
UN_ci_6185	536 A/G
UN_ci_6190	178 A/G
UN_ci_6190	286 A/G
UN_ci_6202	838 T/C
UN_ci_6208	128 T/A
UN_ci_6215	396 T/C
UN_ci_6223	170 G/C
UN_ci_6223	492 C/T
UN_ci_6223	690 T/C
UN_ci_6226	304 C/T
UN_ci_6226	640 A/T
UN_ci_6227	152 C/A
UN_ci_6227	223 A/G
UN_ci_6250	185 T/A
UN_ci_6250	238 T/C
UN_ci_6250	277 G/A
UN_ci_6251	176 G/C
UN_ci_6251	224 G/A
UN_ci_6251	520 T/C
UN_ci_6255	358 G/C
UN_ci_6255	400 T/C
UN_ci_6258	330 T/C
UN_ci_6258	606 T/C
UN_ci_6268	56 T/G
UN_ci_6268	81 C/T
UN_ci_6279	433 A/T
UN_ci_6279	458 A/T
UN_ci_6279	588 G/A
UN_ci_6288	374 A/G
UN_ci_6289	169 C/T
UN_ci_6290	132 A/T
UN_ci_6290	195 C/T
UN_ci_6290	240 G/T
UN_ci_6290	397 C/T
UN_ci_6292	676 T/C
UN_ci_6295	38 G/T
UN_ci_6295	695 A/C
UN_ci_6298	58 T/C
UN_ci_6298	325 C/T
UN_ci_6304	148 T/C

Draft

UN_ci_6304	221 A/G
UN_ci_6304	373 A/G
UN_ci_6304	399 C/T
UN_ci_6304	422 G/C
UN_ci_6304	443 C/T
UN_ci_6304	477 C/T
UN_ci_6304	502 G/A
UN_ci_6304	535 T/C
UN_ci_6304	557 C/T
UN_ci_6304	612 G/A
UN_ci_6304	646 A/C
UN_ci_6304	710 G/A
UN_ci_6304	779 G/A
UN_ci_6304	846 T/G
UN_ci_6305	38 T/A
UN_ci_6305	307 G/C
UN_ci_6305	347 A/T
UN_ci_6305	613 C/A
UN_ci_6311	868 G/A
UN_ci_6315	47 G/T
UN_ci_6315	185 T/A
UN_ci_6315	366 G/T
UN_ci_6316	98 A/G
UN_ci_6316	236 A/G
UN_ci_6318	229 T/C
UN_ci_6318	277 G/T
UN_ci_6318	302 T/C
UN_ci_6318	368 A/G
UN_ci_6324	160 T/C
UN_ci_6326	215 C/T
UN_ci_6326	240 C/A
UN_ci_6326	290 C/G
UN_ci_6326	596 G/T
UN_ci_6326	651 T/C
UN_ci_6327	185 C/T
UN_ci_6327	425 T/A
UN_ci_6327	466 G/A
UN_ci_6327	650 A/G
UN_ci_6327	761 G/A
UN_ci_6329	382 G/A
UN_ci_6329	541 A/T
UN_ci_6336	248 T/C
UN_ci_6339	94 G/T
UN_ci_6339	162 A/G
UN_ci_6345	774 A/C
UN_ci_6351	70 C/G
UN_ci_6351	182 T/C
UN_ci_6351	271 A/G
UN_ci_6351	452 G/A
UN_ci_6351	496 C/G

Draft

UN_ci_6364	833 A/G
UN_ci_6364	945 A/G
UN_ci_6364	1195 T/C
UN_ci_6374	89 T/C
UN_ci_6374	180 T/G
UN_ci_6374	378 C/T
UN_ci_6374	985 G/A
UN_ci_6374	1080 T/C
UN_ci_6374	1126 G/A
UN_ci_6375	767 T/G
UN_ci_6379	1107 G/C
UN_ci_6392	408 T/C
UN_ci_6392	865 G/C
UN_ci_6394	651 T/C
UN_ci_6394	770 T/G
UN_ci_6394	852 T/C
UN_ci_6401	159 T/C
UN_ci_6401	310 A/G
UN_ci_6407	88 C/T
UN_ci_6413	596 C/T
UN_ci_6413	759 G/C
UN_ci_6413	1023 A/G
UN_ci_6417	263 T/G
UN_ci_6417	1064 G/A
UN_ci_6418	371 G/C
UN_ci_6420	208 T/C
UN_ci_6424	361 C/T
UN_ci_6424	392 A/G
UN_ci_6433	128 T/C
UN_ci_6433	210 G/A
UN_ci_6433	316 T/C
UN_ci_6439	567 G/A
UN_ci_6439	598 A/G
UN_ci_6446	304 A/G
UN_ci_6446	820 C/T
UN_ci_6450	349 T/C
UN_ci_6452	136 C/A
UN_ci_6452	264 A/T
UN_ci_6452	577 G/A
UN_ci_6454	89 C/T
UN_ci_6454	311 A/G
UN_ci_6463	114 C/A
UN_ci_6469	251 C/T
UN_ci_6474	346 A/G
UN_ci_6474	406 G/C
UN_ci_6477	58 T/C
UN_ci_6477	127 C/T
UN_ci_6477	420 T/C
UN_ci_6477	655 C/T
UN_ci_6484	67 A/G

Draft

UN_ci_6484	188 A/C
UN_ci_6484	382 T/C
UN_ci_6484	888 C/T
UN_ci_6495	236 G/A
UN_ci_6495	375 A/C
UN_ci_6495	605 C/T
UN_ci_6495	626 A/G
UN_ci_6495	724 C/G
UN_ci_6498	33 A/G
UN_ci_6498	62 G/A
UN_ci_6498	97 C/T
UN_ci_6505	100 A/G
UN_ci_6505	295 T/C
UN_ci_6505	390 A/C
UN_ci_6505	563 A/G
UN_ci_6513	238 G/T
UN_ci_6513	483 A/G
UN_ci_6521	250 A/G
UN_ci_6530	300 A/C
UN_ci_6530	432 C/T
UN_ci_6530	513 C/T
UN_ci_6531	46 C/T
UN_ci_6531	589 A/G
UN_ci_6531	791 C/T
UN_ci_6537	256 T/G
UN_ci_6537	276 C/T
UN_ci_6537	296 T/A
UN_ci_6537	316 A/G
UN_ci_6537	336 A/G
UN_ci_6537	356 A/G
UN_ci_6537	376 C/T
UN_ci_6537	396 C/T
UN_ci_6537	416 A/G
UN_ci_6537	436 A/G
UN_ci_6537	456 G/T
UN_ci_6537	476 C/A
UN_ci_6537	496 C/G
UN_ci_6537	516 T/C
UN_ci_6537	537 A/G
UN_ci_6537	557 T/C
UN_ci_6537	578 T/C
UN_ci_6537	599 C/T
UN_ci_6537	619 T/C
UN_ci_6537	642 A/G
UN_ci_6537	664 A/G
UN_ci_6537	685 A/G
UN_ci_6537	705 G/A
UN_ci_6537	725 T/C
UN_ci_6537	746 T/C
UN_ci_6537	766 A/G

Draft

UN_ci_6537	787 C/A
UN_ci_6537	812 T/C
UN_ci_6537	832 C/T
UN_ci_6537	852 G/A
UN_ci_6537	872 A/G
UN_ci_6537	892 A/G
UN_ci_6537	915 T/A
UN_ci_6537	935 A/G
UN_ci_6537	955 C/A
UN_ci_6537	976 A/G
UN_ci_6537	1000 C/T
UN_ci_6537	1022 C/T
UN_ci_6537	1043 T/C
UN_ci_6537	1067 A/G
UN_ci_6537	1089 A/C
UN_ci_6537	1111 T/A
UN_ci_6537	1136 T/C
UN_ci_6537	1157 T/C
UN_ci_6547	399 A/G
UN_ci_6552	38 G/T
UN_ci_6552	654 T/C
UN_ci_6552	712 T/C
UN_ci_6554	75 T/G
UN_ci_6554	98 G/T
UN_ci_6554	281 G/C
UN_ci_6554	313 G/A
UN_ci_6554	370 A/G
UN_ci_6554	462 A/G
UN_ci_6554	527 G/C
UN_ci_6554	589 A/G
UN_ci_6554	634 C/G
UN_ci_6554	681 A/G
UN_ci_6572	779 C/T
UN_ci_6577	184 C/T
UN_ci_6583	13 A/G
UN_ci_6583	219 A/G
UN_ci_6583	311 T/C
UN_ci_6583	364 G/A
UN_ci_6583	455 A/G
UN_ci_6589	519 T/C
UN_ci_6606	69 G/C
UN_ci_6606	120 A/G
UN_ci_6606	157 T/C
UN_ci_6606	322 A/G
UN_ci_6606	370 C/T
UN_ci_6606	448 A/C
UN_ci_6606	515 A/T
UN_ci_6606	602 C/T
UN_ci_6619	493 G/A
UN_ci_6619	717 G/A

Draft

UN_ci_6620	140 T/C
UN_ci_6625	247 A/G
UN_ci_6630	682 C/G
UN_ci_6630	787 G/A
UN_ci_6630	1416 T/C
UN_ci_6630	1507 G/T
UN_ci_6630	1564 T/G
UN_ci_6630	1702 G/A
UN_ci_6630	1825 C/A
UN_ci_6630	1987 T/C
UN_ci_6630	2065 A/G
UN_ci_6630	2148 A/G
UN_ci_6630	2182 T/G
UN_ci_6636	39 A/C
UN_ci_6636	145 C/T
UN_ci_6636	223 A/G
UN_ci_6637	253 T/A
UN_ci_6637	351 G/A
UN_ci_6637	1148 A/G
UN_ci_6643	1063 G/A
UN_ci_6646	425 A/G
UN_ci_6650	1265 T/C
UN_ci_6650	1302 A/T
UN_ci_6650	1648 A/G
UN_ci_6650	1856 C/T
UN_ci_6652	82 T/C
UN_ci_6658	456 A/G
UN_ci_6674	936 C/T
UN_ci_6674	1167 T/G
UN_ci_6680	117 A/G
UN_ci_6680	856 A/C
UN_ci_6681	52 C/T
UN_ci_6692	577 C/T
UN_ci_6693	260 A/G
UN_ci_6696	88 C/T
UN_ci_6700	199 G/A
UN_ci_6705	116 C/T
UN_ci_6705	161 T/C
UN_ci_6705	198 A/T
UN_ci_6711	368 G/T
UN_ci_6725	209 T/C
UN_ci_6725	284 G/A
UN_ci_6725	340 A/G
UN_ci_6726	125 C/T
UN_ci_6726	248 A/G
UN_ci_6726	382 T/C
UN_ci_6728	174 T/C
UN_ci_6729	158 A/G
UN_ci_6729	184 T/C
UN_ci_6729	291 C/A

Draft

UN_ci_6738	203 C/T
UN_ci_6748	102 G/C
UN_ci_6748	435 A/C
UN_ci_6751	249 A/G
UN_ci_6751	384 C/A
UN_ci_6756	369 C/T
UN_ci_6756	610 A/T
UN_ci_6756	667 A/T
UN_ci_6776	704 C/T
UN_ci_6791	238 T/C
UN_ci_6796	352 T/C
UN_ci_6798	143 T/A
UN_ci_6802	92 A/G
UN_ci_6802	212 T/C
UN_ci_6802	255 A/G
UN_ci_6804	7 G/T
UN_ci_6804	54 A/C
UN_ci_6804	74 A/G
UN_ci_6804	255 C/T
UN_ci_6804	357 T/C
UN_ci_6804	708 A/G
UN_ci_6804	791 T/C
UN_ci_6810	405 C/A
UN_ci_6818	177 T/C
UN_ci_6832	562 C/T
UN_ci_6832	607 A/G
UN_ci_6832	627 C/T
UN_ci_6832	680 T/G
UN_ci_6832	767 A/G
UN_ci_6832	824 A/G
UN_ci_6840	362 G/A
UN_ci_6871	103 G/A
UN_ci_6872	70 G/A
UN_ci_6887	296 T/C
UN_ci_6891	671 C/T
UN_ci_6900	328 T/A
UN_ci_6902	702 G/C
UN_ci_6905	502 A/G
UN_ci_6907	707 A/G
UN_ci_6910	76 C/A
UN_ci_6910	243 A/G
UN_ci_6910	338 A/G
UN_ci_6910	367 C/T
UN_ci_6910	564 T/C
UN_ci_6910	617 C/T
UN_ci_6910	686 C/T
UN_ci_6910	824 T/C
UN_ci_6910	1068 C/A
UN_ci_6918	371 A/T
UN_ci_6918	818 C/T

Draft

UN_ci_6929	250 A/G
UN_ci_6929	288 C/G
UN_ci_6934	68 G/T
UN_ci_6934	701 A/C
UN_ci_6942	362 G/C
UN_ci_6959	948 G/A
UN_ci_6964	270 G/A
UN_ci_6966	1188 T/C
UN_ci_6967	167 A/C
UN_ci_6967	221 G/A
UN_ci_6967	345 T/A
UN_ci_6972	582 A/G
UN_ci_6972	604 C/T
UN_ci_6972	688 C/T
UN_ci_6972	808 A/C
UN_ci_6975	343 A/T
UN_ci_6975	456 C/T
UN_ci_6977	388 A/C
UN_ci_6977	493 G/A
UN_ci_6982	37 C/A
UN_ci_6985	338 C/T
UN_ci_6993	687 G/T
UN_ci_6996	280 G/T
UN_ci_6998	345 T/C
UN_ci_6999	157 G/T
UN_ci_6999	193 A/G
UN_ci_6999	247 G/A
UN_ci_6999	314 T/C
UN_ci_6999	387 T/A
UN_ci_7006	310 C/G
UN_ci_7006	845 A/C
UN_ci_7007	641 G/A
UN_ci_7007	767 A/T
UN_ci_7021	440 C/T
UN_ci_7021	492 G/A
UN_ci_7021	585 T/C
UN_ci_7021	1134 G/A
UN_ci_7021	1472 A/G
UN_ci_7023	200 G/A
UN_ci_7030	148 T/A
UN_ci_7030	234 C/A
UN_ci_7031	184 T/C
UN_ci_7036	36 G/T
UN_ci_7036	181 G/C
UN_ci_7037	177 A/G
UN_ci_7040	151 C/T
UN_ci_7040	684 T/G
UN_ci_7041	7 A/T
UN_ci_7061	377 A/G
UN_ci_7063	121 G/A

Draft

UN_ci_7063	261 G/A
UN_ci_7063	414 A/G
UN_ci_7065	811 A/G
UN_ci_7065	985 T/C
UN_ci_7067	33 C/T
UN_ci_7067	625 C/T
UN_ci_7067	778 G/A
UN_ci_7067	921 A/G
UN_ci_7067	946 G/A
UN_ci_7067	989 G/A
UN_ci_7067	1039 A/G
UN_ci_7067	1110 A/C
UN_ci_7071	401 G/A
UN_ci_7071	480 G/A
UN_ci_7071	536 A/T
UN_ci_7071	627 A/G
UN_ci_7071	715 G/A
UN_ci_7071	788 T/C
UN_ci_7071	814 A/G
UN_ci_7071	844 T/C
UN_ci_7071	888 G/C
UN_ci_7071	915 A/G
UN_ci_7071	972 T/C
UN_ci_7071	1002 T/C
UN_ci_7071	1035 A/G
UN_ci_7071	1114 T/A
UN_ci_7071	1167 C/T
UN_ci_7071	1231 A/T
UN_ci_7071	1252 A/C
UN_ci_7071	1288 A/C
UN_ci_7071	1308 C/T
UN_ci_7071	1329 G/T
UN_ci_7071	1351 G/A
UN_ci_7071	1373 A/G
UN_ci_7071	1398 A/G
UN_ci_7071	1418 T/C
UN_ci_7071	1443 T/C
UN_ci_7071	1464 A/G
UN_ci_7071	1490 G/A
UN_ci_7071	1510 T/A
UN_ci_7072	12 G/T
UN_ci_7072	52 G/T
UN_ci_7072	149 T/C
UN_ci_7081	379 C/T
UN_ci_7095	319 C/T
UN_ci_7097	389 G/A
UN_ci_7098	616 C/G
UN_ci_7098	655 A/G
UN_ci_7098	699 C/T
UN_ci_7098	721 A/C

Draft

UN_ci_7098	773 G/A
UN_ci_7098	835 C/T
UN_ci_7098	884 A/G
UN_ci_7098	941 A/G
UN_ci_7098	978 T/C
UN_ci_7100	12 G/A
UN_ci_7101	259 G/A
UN_ci_7101	520 C/T
UN_ci_7108	402 C/T
UN_ci_7111	692 A/G
UN_ci_7121	446 C/T
UN_ci_7121	479 T/C
UN_ci_7121	542 T/C
UN_ci_7121	699 T/C
UN_ci_7121	750 A/G
UN_ci_7121	784 A/G
UN_ci_7121	826 A/G
UN_ci_7125	58 A/T
UN_ci_7125	159 A/G
UN_ci_7125	179 C/T
UN_ci_7134	240 C/A
UN_ci_7134	318 T/A
UN_ci_7143	8 A/T
UN_ci_7143	93 C/A
UN_ci_7149	132 G/A
UN_ci_7149	302 T/C
UN_ci_7149	351 G/T
UN_ci_7149	824 T/G
UN_ci_7149	1059 A/G
UN_ci_7154	84 C/T
UN_ci_7163	644 C/T
UN_ci_7163	722 A/G
UN_ci_7168	109 G/A
UN_ci_7169	331 T/C
UN_ci_7171	167 A/T
UN_ci_7171	314 A/G
UN_ci_7171	489 A/G
UN_ci_7171	734 C/A
UN_ci_7171	882 G/A
UN_ci_7175	229 G/A
UN_ci_7175	340 T/C
UN_ci_7175	683 A/G
UN_ci_7183	72 G/T
UN_ci_7184	171 G/A
UN_ci_7185	347 T/C
UN_ci_7185	367 T/C
UN_ci_7185	647 T/C
UN_ci_7186	67 A/G
UN_ci_7186	386 G/C
UN_ci_7186	413 G/C

Draft

UN_ci_7186	680 A/G
UN_ci_7187	46 T/A
UN_ci_7188	75 T/C
UN_ci_7188	165 G/A
UN_ci_7195	721 G/A
UN_ci_7201	300 G/A
UN_ci_7201	404 T/C
UN_ci_7207	682 G/A
UN_ci_7208	405 C/T
UN_ci_7213	54 G/T
UN_ci_7213	88 C/A
UN_ci_7213	145 C/G
UN_ci_7213	416 A/C
UN_ci_7213	535 T/C
UN_ci_7213	976 G/A
UN_ci_7228	272 T/C
UN_ci_7233	31 C/T
UN_ci_7235	327 A/G
UN_ci_7235	473 A/G
UN_ci_7235	514 G/A
UN_ci_7238	229 G/C
UN_ci_7238	307 T/C
UN_ci_7239	58 G/C
UN_ci_7246	328 G/T
UN_ci_7246	686 A/G
UN_ci_7246	821 T/C
UN_ci_7254	89 T/G
UN_ci_7254	213 A/T
UN_ci_7254	479 G/C
UN_ci_7254	614 T/G
UN_ci_7254	1108 T/C
UN_ci_7262	595 C/T
UN_ci_7265	615 T/C
UN_ci_7265	708 T/C
UN_ci_7266	322 T/C
UN_ci_7267	530 T/C
UN_ci_7283	206 A/G
UN_ci_7285	548 C/T
UN_ci_7285	645 T/C
UN_ci_7285	793 A/T
UN_ci_7285	823 C/A
UN_ci_7289	584 C/T
UN_ci_7289	677 A/G
UN_ci_7290	503 C/G
UN_ci_7299	186 T/C
UN_ci_7307	294 A/G
UN_ci_7307	704 G/A
UN_ci_7307	760 A/G
UN_ci_7307	1057 A/C
UN_ci_7307	1252 C/T

Draft

UN_ci_7311	72 T/C
UN_ci_7311	187 G/A
UN_ci_7311	258 C/A
UN_ci_7311	353 T/C
UN_ci_7311	450 C/T
UN_ci_7311	580 A/G
UN_ci_7311	624 C/T
UN_ci_7311	957 T/C
UN_ci_7311	1031 T/C
UN_ci_7321	216 G/A
UN_ci_7325	190 A/T
UN_ci_7325	478 A/G
UN_ci_7325	806 C/T
UN_ci_7325	854 T/C
UN_ci_7325	893 C/G
UN_ci_7329	360 C/T
UN_ci_7329	422 A/G
UN_ci_7329	524 T/C
UN_ci_7329	557 T/G
UN_ci_7329	615 T/C
UN_ci_7333	469 C/T
UN_ci_7333	599 C/T
UN_ci_7333	808 T/C
UN_ci_7333	904 G/T
UN_ci_7333	981 A/G
UN_ci_7333	1029 C/A
UN_ci_7339	95 T/G
UN_ci_7339	116 A/C
UN_ci_7339	296 A/T
UN_ci_7339	402 C/T
UN_ci_7339	790 T/C
UN_ci_7339	971 T/C
UN_ci_7339	1014 A/G
UN_ci_7342	200 G/A
UN_ci_7342	224 T/A
UN_ci_7348	15 C/G
UN_ci_7350	32 T/A
UN_ci_7350	187 A/T
UN_ci_7350	257 A/G
UN_ci_7350	326 A/C
UN_ci_7350	377 C/T
UN_ci_7350	434 A/G
UN_ci_7350	463 G/A
UN_ci_7350	848 A/G
UN_ci_7350	885 A/G
UN_ci_7352	340 G/A
UN_ci_7354	53 G/C
UN_ci_7354	121 C/A
UN_ci_7354	763 C/T
UN_ci_7356	110 A/G

Draft

UN_ci_7356	507 A/G
UN_ci_7356	759 C/T
UN_ci_7356	1002 T/C
UN_ci_7362	355 C/G
UN_ci_7362	412 G/A
UN_ci_7368	1194 A/G
UN_ci_7375	498 C/T
UN_ci_7375	577 G/A
UN_ci_7375	754 C/T
UN_ci_7375	820 A/C
UN_ci_7379	313 G/A
UN_ci_7397	100 G/A
UN_ci_7397	135 C/T
UN_ci_7397	306 C/T
UN_ci_7397	376 T/C
UN_ci_7397	738 T/G
UN_ci_7402	125 T/G
UN_ci_7403	118 G/A
UN_ci_7403	584 G/A
UN_ci_7405	686 G/A
UN_ci_7405	750 G/A
UN_ci_7405	968 T/C
UN_ci_7408	111 A/T
UN_ci_7408	202 T/C
UN_ci_7408	225 T/C
UN_ci_7408	336 T/A
UN_ci_7408	475 G/A
UN_ci_7410	101 A/G
UN_ci_7418	146 A/G
UN_ci_7421	613 A/T
UN_ci_7421	955 G/T
UN_ci_7423	268 C/T
UN_ci_7423	312 T/C
UN_ci_7423	419 G/A
UN_ci_7453	334 A/T
UN_ci_7455	152 G/A
UN_ci_7455	797 C/G
UN_ci_7457	65 C/A
UN_ci_7469	902 T/A
UN_ci_7472	154 T/C
UN_ci_7472	266 C/T
UN_ci_7486	62 A/G
UN_ci_7492	255 T/A
UN_ci_7515	592 C/T
UN_ci_7515	868 G/A
UN_ci_7527	594 A/G
UN_ci_7532	882 A/G
UN_ci_7542	735 T/C
UN_ci_7542	900 C/T
UN_ci_7552	57 T/C

Draft

UN_ci_7552	188 C/G
UN_ci_7552	223 G/A
UN_ci_7552	268 G/C
UN_ci_7558	237 T/C
UN_ci_7568	131 C/T
UN_ci_7572	46 T/A
UN_ci_7575	561 A/C
UN_ci_7587	108 G/T
UN_ci_7587	142 A/G
UN_ci_7587	328 G/A
UN_ci_7587	373 T/C
UN_ci_7587	439 T/C
UN_ci_7587	568 A/G
UN_ci_7587	588 A/G
UN_ci_7587	612 A/G
UN_ci_7587	750 G/C
UN_ci_7588	685 C/T
UN_ci_7588	851 G/A
UN_ci_7591	169 G/T
UN_ci_7591	474 A/G
UN_ci_7596	332 G/A
UN_ci_7605	287 T/A
UN_ci_7609	972 T/C
UN_ci_7609	1012 A/G
UN_ci_7610	300 C/T
UN_ci_7616	103 G/A
UN_ci_7616	514 A/C
UN_ci_7616	600 A/T
UN_ci_7618	28 G/C
UN_ci_7618	105 C/T
UN_ci_7618	145 C/G
UN_ci_7618	216 G/A
UN_ci_7618	815 C/T
UN_ci_7618	1168 T/C
UN_ci_7618	1460 A/T
UN_ci_7623	116 G/A
UN_ci_7627	605 G/A
UN_ci_7628	223 A/C
UN_ci_7628	382 G/T
UN_ci_7645	743 G/C
UN_ci_7645	1193 C/T
UN_ci_7645	1246 T/G
UN_ci_7650	394 C/G
UN_ci_7650	492 T/A
UN_ci_7652	90 G/A
UN_ci_7652	135 T/C
UN_ci_7652	298 C/T
UN_ci_7652	413 T/C
UN_ci_7652	591 T/C
UN_ci_7652	650 T/C

UN_ci_7652	717 A/G
UN_ci_7652	749 T/A
UN_ci_7661	189 C/T
UN_ci_7661	232 A/C
UN_ci_7661	389 C/T
UN_ci_7661	598 G/A
UN_ci_7662	579 T/C
UN_ci_7662	648 C/T
UN_ci_7662	885 C/A
UN_ci_7662	984 T/A
UN_ci_7662	1238 A/G
UN_ci_7662	1265 T/G
UN_ci_7664	115 C/T
UN_ci_7664	149 C/T
UN_ci_7664	240 T/C
UN_ci_7664	432 T/G
UN_ci_7664	893 C/G
UN_ci_7664	975 A/G
UN_ci_7664	1100 T/C
UN_ci_7664	1217 G/A
UN_ci_7665	83 C/T
UN_ci_7665	119 C/T
UN_ci_7665	250 G/T
UN_ci_7665	350 T/G
UN_ci_7665	486 A/G
UN_ci_7665	621 A/C
UN_ci_7665	673 T/C
UN_ci_7667	275 A/C
UN_ci_7667	322 G/T
UN_ci_7667	422 G/A
UN_ci_7668	611 C/T
UN_ci_7670	133 T/C
UN_ci_7670	200 C/T
UN_ci_7670	448 A/G
UN_ci_7670	661 C/T
UN_ci_7670	776 A/T
UN_ci_7673	115 A/T
UN_ci_7673	143 T/G
UN_ci_7673	170 G/T
UN_ci_7676	83 G/T
UN_ci_7676	430 G/A
UN_ci_7677	155 C/T
UN_ci_7680	55 A/T
UN_ci_7681	268 A/G
UN_ci_7681	340 A/T
UN_ci_7681	693 G/A
UN_ci_7681	1072 G/A
UN_ci_7681	1123 T/C
UN_ci_7681	1162 T/A
UN_ci_7681	1271 T/G

Draft

UN_ci_7683	426 C/T
UN_ci_7683	539 G/A
UN_ci_7683	1165 A/G
UN_ci_7685	358 A/T
UN_ci_7685	402 T/C
UN_ci_7685	439 G/T
UN_ci_7685	487 T/A
UN_ci_7687	85 A/G
UN_ci_7687	132 C/G
UN_ci_7687	163 C/G
UN_ci_7687	228 C/G
UN_ci_7687	253 A/G
UN_ci_7687	415 A/T
UN_ci_7688	122 C/A
UN_ci_7688	545 T/C
UN_ci_7689	9 G/T
UN_ci_7689	82 G/A
UN_ci_7689	145 G/A
UN_ci_7689	177 C/T
UN_ci_7689	299 G/A
UN_ci_7689	351 A/G
UN_ci_7689	380 A/G
UN_ci_7689	779 A/G
UN_ci_7689	965 A/G
UN_ci_7689	1024 T/C
UN_ci_7690	167 C/T
UN_ci_7690	702 G/A
UN_ci_7690	1063 T/C
UN_ci_7692	94 C/A
UN_ci_7692	289 T/C
UN_ci_7692	342 C/T
UN_ci_7692	435 C/T
UN_ci_7692	493 C/T
UN_ci_7692	908 C/A
UN_ci_7692	1005 A/G
UN_ci_7694	290 T/C
UN_ci_7694	783 C/T
UN_ci_7696	154 G/T
UN_ci_7696	179 A/G
UN_ci_7696	205 G/A
UN_ci_7696	290 T/C
UN_ci_7696	333 A/G
UN_ci_7696	371 A/G
UN_ci_7696	465 C/T
UN_ci_7696	513 T/C
UN_ci_7696	546 C/A
UN_ci_7696	570 T/C
UN_ci_7696	592 T/C
UN_ci_7696	631 A/G
UN_ci_7696	667 A/G

UN_ci_7696	693 C/A
UN_ci_7696	731 G/T
UN_ci_7696	752 T/C
UN_ci_7696	782 A/G
UN_ci_7696	804 T/C
UN_ci_7696	839 A/T
UN_ci_7696	912 A/G
UN_ci_7696	939 G/A
UN_ci_7696	967 A/G
UN_ci_7696	1025 C/T
UN_ci_7696	1089 T/C
UN_ci_7696	1161 C/T
UN_ci_7696	1221 T/C
UN_ci_7696	1251 T/C
UN_ci_7696	1293 A/G
UN_ci_7696	1333 C/T
UN_ci_7696	1387 C/T
UN_ci_7696	1426 A/G
UN_ci_7696	1452 G/A
UN_ci_7696	1507 G/A
UN_ci_7696	1531 A/G
UN_ci_7696	1573 G/A
UN_ci_7696	1755 A/G
UN_ci_7696	1797 A/G
UN_ci_7696	1818 T/C
UN_ci_7697	366 G/T
UN_ci_7699	270 G/A
UN_ci_7701	197 A/G
UN_ci_7701	248 G/A
UN_ci_7701	355 T/G
UN_ci_7701	404 T/C
UN_ci_7701	450 G/A
UN_ci_7701	546 T/C
UN_ci_7701	567 A/T
UN_ci_7701	599 A/G
UN_ci_7701	644 T/C
UN_ci_7701	665 A/G
UN_ci_7701	717 G/A
UN_ci_7701	766 G/A
UN_ci_7701	840 T/C
UN_ci_7701	875 T/C
UN_ci_7702	32 C/T
UN_ci_7702	217 C/A
UN_ci_7702	426 A/G
UN_ci_7702	914 C/T
UN_ci_7703	276 G/A
UN_ci_7704	234 A/G
UN_ci_7709	258 A/C
UN_ci_7713	62 C/T
UN_ci_7713	201 C/A

Draft

UN_ci_7713	229 A/C
UN_ci_7713	257 A/C
UN_ci_7713	285 A/C
UN_ci_7713	313 A/C
UN_ci_7713	338 T/G
UN_ci_7713	366 T/G
UN_ci_7713	396 C/T
UN_ci_7713	426 A/C
UN_ci_7713	461 C/T
UN_ci_7713	487 A/G
UN_ci_7713	527 A/G
UN_ci_7715	42 T/C
UN_ci_7720	103 A/G
UN_ci_7720	127 A/G
UN_ci_7720	154 T/C
UN_ci_7720	174 T/C
UN_ci_7720	204 T/A
UN_ci_7720	227 T/A
UN_ci_7720	254 A/G
UN_ci_7720	282 A/G
UN_ci_7720	303 C/A
UN_ci_7720	332 T/A
UN_ci_7720	366 C/A
UN_ci_7720	450 A/G
UN_ci_7722	59 G/A
UN_ci_7722	106 T/A
UN_ci_7723	43 A/G
UN_ci_7723	169 T/C
UN_ci_7724	458 C/A
UN_ci_7724	487 A/G
UN_ci_7724	721 T/C
UN_ci_7724	795 C/T
UN_ci_7724	819 G/T
UN_ci_7724	928 A/T
UN_ci_7724	1014 A/G
UN_ci_7730	32 G/A
UN_ci_7730	160 A/C
UN_ci_7730	249 G/C
UN_ci_7730	1002 G/A
UN_ci_7732	76 G/C
UN_ci_7732	106 T/C
UN_ci_7732	192 A/G
UN_ci_7732	226 A/C
UN_ci_7732	476 C/T
UN_ci_7732	718 G/A
UN_ci_7732	790 T/C
UN_ci_7732	1126 T/G
UN_ci_7732	1282 T/C
UN_ci_7733	12 G/T
UN_ci_7733	70 C/A

UN_ci_7733	165 T/C
UN_ci_7733	265 A/G
UN_ci_7733	344 T/G
UN_ci_7736	235 G/A
UN_ci_7736	304 C/T
UN_ci_7738	466 T/C
UN_ci_7738	578 G/A
UN_ci_7738	612 A/G
UN_ci_7741	689 G/A
UN_ci_7741	906 A/G
UN_ci_7741	961 A/G
UN_ci_7742	264 A/G
UN_ci_7743	200 A/G
UN_ci_7743	815 A/G
UN_ci_7743	882 C/T
UN_ci_7743	956 A/T
UN_ci_7743	1098 A/G
UN_ci_7743	1367 C/T
UN_ci_7744	89 C/T
UN_ci_7744	135 A/G
UN_ci_7744	281 A/G
UN_ci_7744	301 C/T
UN_ci_7744	330 A/C
UN_ci_7744	355 T/C
UN_ci_7744	397 T/C
UN_ci_7744	430 T/C
UN_ci_7744	512 A/G
UN_ci_7744	532 T/G
UN_ci_7744	877 G/A
UN_ci_7744	1281 T/C
UN_ci_7744	1359 C/A
UN_ci_7744	1476 A/G
UN_ci_7744	1725 A/G
UN_ci_7744	1867 T/C
UN_ci_7745	37 A/G
UN_ci_7745	314 G/T
UN_ci_7745	594 G/A
UN_ci_7745	1081 G/A
UN_ci_7748	126 A/C
UN_ci_7748	193 C/G
UN_ci_7749	94 T/C
UN_ci_7750	775 A/T
UN_ci_7751	241 G/T
UN_ci_7752	71 G/A
UN_ci_7753	134 A/C
UN_ci_7753	370 A/G
UN_ci_7753	479 A/G
UN_ci_7753	541 G/T
UN_ci_7753	567 T/C
UN_ci_7753	603 A/C

Draft

UN_ci_7753	719 C/A
UN_ci_7753	769 A/G
UN_ci_7754	286 A/C
UN_ci_7754	465 A/G
UN_ci_7757	434 C/T
UN_ci_7757	486 C/T
UN_ci_7757	617 C/A
UN_ci_7757	1023 C/A
UN_ci_7761	116 T/C
UN_ci_7761	251 A/C
UN_ci_7761	324 A/G
UN_ci_7761	455 C/T
UN_ci_7761	691 G/A
UN_ci_7762	377 A/C
UN_ci_7765	96 T/C
UN_ci_7765	120 T/C
UN_ci_7766	403 G/A
UN_ci_7772	435 T/A
UN_ci_7774	137 A/G
UN_ci_7774	561 A/C
UN_ci_7774	618 C/T
UN_ci_7774	729 G/T
UN_ci_7774	757 A/G
UN_ci_7774	852 G/C
UN_ci_7774	910 A/T
UN_ci_7774	956 C/T
UN_ci_7774	1101 G/A
UN_ci_7774	1141 C/T
UN_ci_7774	1368 G/T
UN_ci_7774	1425 G/T
UN_ci_7774	1575 T/A
UN_ci_7774	1789 A/T
UN_ci_7774	1887 C/T
UN_ci_7774	1934 C/A
UN_ci_7774	1960 G/T
UN_ci_7774	1994 G/A
UN_ci_7774	2063 A/G
UN_ci_7774	2178 G/C
UN_ci_7774	2370 C/T
UN_ci_7775	271 G/A
UN_ci_7775	363 T/A
UN_ci_7775	430 C/T
UN_ci_7775	463 T/C
UN_ci_7775	514 C/T
UN_ci_7775	542 A/G
UN_ci_7775	568 G/A
UN_ci_7777	250 A/C
UN_ci_7777	564 T/C
UN_ci_7777	622 C/T
UN_ci_7777	684 C/T

Draft

UN_ci_7777	1011 C/T
UN_ci_7779	186 G/A
UN_ci_7782	52 G/C
UN_ci_7782	138 C/T
UN_ci_7782	202 T/C
UN_ci_7782	236 T/C
UN_ci_7782	295 A/G
UN_ci_7782	373 A/G
UN_ci_7782	396 A/G
UN_ci_7782	460 A/G
UN_ci_7785	272 C/T
UN_ci_7788	249 A/T
UN_ci_7788	393 T/C
UN_ci_7788	672 C/A
UN_ci_7788	831 C/T
UN_ci_7788	855 G/T
UN_ci_7788	1032 A/T
UN_ci_7788	1072 A/T
UN_ci_7788	1286 A/G
UN_ci_7788	1680 C/T
UN_ci_7788	2026 A/C
UN_ci_7789	36 C/G
UN_ci_7789	186 T/C
UN_ci_7789	299 A/G
UN_ci_7789	411 C/T
UN_ci_7790	580 C/T
UN_ci_7790	647 G/A
UN_ci_7790	931 G/A
UN_ci_7790	1130 A/G
UN_ci_7790	1166 G/A
UN_ci_7791	457 T/C
UN_ci_7791	564 G/A
UN_ci_7791	1243 A/T
UN_ci_7793	30 A/T
UN_ci_7793	105 A/G
UN_ci_7793	142 A/G
UN_ci_7793	182 T/C
UN_ci_7793	203 T/C
UN_ci_7793	311 A/G
UN_ci_7793	388 G/A
UN_ci_7793	423 G/T
UN_ci_7793	477 A/C
UN_ci_7793	503 A/G
UN_ci_7793	531 G/A
UN_ci_7793	566 C/T
UN_ci_7793	647 A/G
UN_ci_7793	667 A/G
UN_ci_7793	723 G/A
UN_ci_7793	761 A/G
UN_ci_7793	793 C/T

Draft

UN_ci_7793	842 T/C
UN_ci_7793	888 C/T
UN_ci_7793	940 G/A
UN_ci_7793	974 A/T
UN_ci_7793	1036 T/C
UN_ci_7793	1192 T/C
UN_ci_7793	1284 T/A
UN_ci_7793	1350 A/G
UN_ci_7797	161 T/C
UN_ci_7797	245 A/G
UN_ci_7797	265 G/A
UN_ci_7797	292 A/G
UN_ci_7797	361 T/G
UN_ci_7797	390 A/G
UN_ci_7797	413 T/A
UN_ci_7798	968 C/T
UN_ci_7799	254 C/G
UN_ci_7799	467 T/C
UN_ci_7799	536 A/G
UN_ci_7799	594 A/G
UN_ci_7801	503 G/A
UN_ci_7801	663 A/G
UN_ci_7801	702 A/G
UN_ci_7801	1068 T/C
UN_ci_7803	257 C/T
UN_ci_7803	279 G/A
UN_ci_7803	311 C/T
UN_ci_7803	524 C/T
UN_ci_7804	152 A/T
UN_ci_7806	341 G/A
UN_ci_7806	412 C/G
UN_ci_7806	475 G/A
UN_ci_7806	536 G/A
UN_ci_7806	578 C/T
UN_ci_7809	795 A/G
UN_ci_7813	685 T/C
UN_ci_7813	1222 G/A
UN_ci_7814	155 T/A
UN_ci_7814	205 G/A
UN_ci_7814	245 T/C
UN_ci_7814	286 T/C
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UN_ci_7814	350 T/C
UN_ci_7814	379 C/T
UN_ci_7814	399 G/A
UN_ci_7814	419 A/G
UN_ci_7814	443 T/C
UN_ci_7814	463 G/A
UN_ci_7814	483 T/C
UN_ci_7814	503 A/G

UN_ci_7814	526 A/C
UN_ci_7814	547 T/C
UN_ci_7814	567 G/A
UN_ci_7814	588 G/A
UN_ci_7814	612 A/C
UN_ci_7814	635 G/T
UN_ci_7814	658 G/A
UN_ci_7814	678 C/T
UN_ci_7814	711 T/G
UN_ci_7814	749 A/G
UN_ci_7814	774 T/C
UN_ci_7814	799 C/T
UN_ci_7814	819 T/C
UN_ci_7814	839 A/G
UN_ci_7814	875 T/C
UN_ci_7814	900 G/T
UN_ci_7814	920 A/G
UN_ci_7814	946 C/T
UN_ci_7814	967 A/G
UN_ci_7814	987 G/A
UN_ci_7814	1013 G/A
UN_ci_7814	1035 G/A
UN_ci_7814	1060 T/C
UN_ci_7814	1087 A/G
UN_ci_7814	1109 A/G
UN_ci_7814	1133 A/G
UN_ci_7814	1162 A/G
UN_ci_7814	1186 A/G
UN_ci_7814	1219 T/C
UN_ci_7815	398 G/A
UN_ci_7815	468 A/G
UN_ci_7815	965 A/C
UN_ci_7816	352 A/G
UN_ci_7819	681 G/A
UN_ci_7819	704 C/T
UN_ci_7819	750 G/A
UN_ci_7819	819 T/C
UN_ci_7819	907 G/A
UN_ci_7819	935 C/A
UN_ci_7819	1094 T/C
UN_ci_7819	1447 T/A
UN_ci_7821	190 T/C
UN_ci_7821	280 T/C
UN_ci_7821	317 A/T
UN_ci_7821	512 A/G
UN_ci_7821	566 C/T
UN_ci_7821	701 T/C
UN_ci_7821	746 A/T
UN_ci_7821	792 A/G
UN_ci_7821	898 A/G

Draft

UN_ci_7821	933 T/C
UN_ci_7821	1002 A/G
UN_ci_7821	1027 G/A
UN_ci_7821	1107 C/A
UN_ci_7822	141 G/A
UN_ci_7822	194 T/C
UN_ci_7822	326 C/T
UN_ci_7822	360 C/T
UN_ci_7822	852 G/A
UN_ci_7825	146 C/T
UN_ci_7825	1224 G/A
UN_ci_7827	502 C/T
UN_ci_7827	765 T/G
UN_ci_7827	802 T/C
UN_ci_7827	822 T/C
UN_ci_7827	846 C/T
UN_ci_7827	893 C/T
UN_ci_7827	919 T/C
UN_ci_7827	949 C/A
UN_ci_7827	978 T/C
UN_ci_7827	1005 T/C
UN_ci_7827	1025 C/T
UN_ci_7827	1065 A/T
UN_ci_7827	1086 T/C
UN_ci_7827	1107 G/A
UN_ci_7827	1151 A/G
UN_ci_7827	1173 G/A
UN_ci_7827	1209 C/A
UN_ci_7830	686 A/T
UN_ci_7834	260 A/G
UN_ci_7834	367 G/A
UN_ci_7834	498 T/C
UN_ci_7834	593 C/T
UN_ci_7834	689 T/C
UN_ci_7834	752 T/C
UN_ci_7834	787 T/C
UN_ci_7834	826 A/G
UN_ci_7834	851 A/G
UN_ci_7834	951 T/C
UN_ci_7834	1117 T/A
UN_ci_7834	1217 T/C
UN_ci_7835	506 A/T
UN_ci_7837	182 A/G
UN_ci_7838	150 T/G
UN_ci_7838	222 G/A
UN_ci_7838	242 G/A
UN_ci_7838	424 G/C
UN_ci_7838	572 C/G
UN_ci_7839	528 G/A
UN_ci_7839	806 C/A

Draft

UN_ci_7839	855 C/T
UN_ci_7840	405 C/T
UN_ci_7840	1530 G/C
UN_ci_7840	1691 A/C
UN_ci_7843	251 T/G
UN_ci_7843	371 C/T
UN_ci_7844	77 C/T
UN_ci_7844	135 A/G
UN_ci_7845	45 T/A
UN_ci_7846	586 G/A
UN_ci_7846	631 C/G
UN_ci_7846	658 C/T
UN_ci_7846	688 C/T
UN_ci_7846	742 A/G
UN_ci_7846	778 A/G
UN_ci_7846	826 T/G
UN_ci_7846	847 C/T
UN_ci_7846	877 T/C
UN_ci_7855	107 G/C
UN_ci_7855	378 A/G
UN_ci_7855	611 T/C
UN_ci_7855	869 A/G
UN_ci_7855	1298 T/C
UN_ci_7855	1469 C/G
UN_ci_7855	1642 C/G
UN_ci_7857	477 A/G
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UN_ci_7859	147 C/T
UN_ci_7859	225 T/C
UN_ci_7860	8 C/G
UN_ci_7860	448 A/G
UN_ci_7862	355 T/C
UN_ci_7862	441 T/C
UN_ci_7862	521 G/T
UN_ci_7862	586 T/C
UN_ci_7862	635 G/A
UN_ci_7865	251 A/T
UN_ci_7870	179 A/C
UN_ci_7870	277 A/G
UN_ci_7870	312 T/C
UN_ci_7871	98 A/T
UN_ci_7871	338 C/T
UN_ci_7871	602 C/A
UN_ci_7871	747 A/G
UN_ci_7871	883 G/A
UN_ci_7872	526 C/A
UN_ci_7872	630 G/A
UN_ci_7872	982 G/A
UN_ci_7874	213 C/T
UN_ci_7875	189 C/T

Draft

UN_ci_7875	784 T/G
UN_ci_7877	39 A/T
UN_ci_7877	74 G/A
UN_ci_7877	274 T/G
UN_ci_7877	348 T/G
UN_ci_7877	382 T/A
UN_ci_7877	429 C/T
UN_ci_7877	463 G/A
UN_ci_7877	495 A/G
UN_ci_7877	520 C/T
UN_ci_7877	559 G/T
UN_ci_7877	620 A/G
UN_ci_7877	672 T/C
UN_ci_7877	709 G/T
UN_ci_7877	739 A/C
UN_ci_7877	762 A/T
UN_ci_7877	799 A/G
UN_ci_7877	831 A/G
UN_ci_7877	919 A/G
UN_ci_7877	940 C/T
UN_ci_7877	1012 G/A
UN_ci_7877	1039 T/A
UN_ci_7877	1072 C/T
UN_ci_7877	1102 T/A
UN_ci_7877	1144 T/G
UN_ci_7877	1192 T/A
UN_ci_7877	1222 G/A
UN_ci_7877	1375 A/G
UN_ci_7877	1491 T/A
UN_ci_7881	235 C/T
UN_ci_7881	264 T/C
UN_ci_7882	598 A/G
UN_ci_7882	725 T/C
UN_ci_7882	993 C/T
UN_ci_7883	229 A/T
UN_ci_7884	201 G/A
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UN_ci_7884	541 A/C
UN_ci_7884	586 A/G
UN_ci_7884	795 A/T
UN_ci_7884	845 T/C
UN_ci_7885	378 T/G
UN_ci_7888	199 G/C
UN_ci_7889	287 A/T
UN_ci_7889	338 G/C
UN_ci_7889	372 A/G
UN_ci_7889	466 A/T
UN_ci_7892	148 A/G
UN_ci_7892	419 C/A

Draft

UN_ci_7892	554 T/G
UN_ci_7892	765 A/G
UN_ci_7892	834 G/A
UN_ci_7894	102 G/A
UN_ci_7894	146 A/G
UN_ci_7894	175 G/A
UN_ci_7894	274 G/A
UN_ci_7894	296 T/C
UN_ci_7894	363 C/T
UN_ci_7894	411 G/A
UN_ci_7894	440 A/G
UN_ci_7894	519 T/C
UN_ci_7894	560 A/C
UN_ci_7894	740 A/G
UN_ci_7894	799 A/G
UN_ci_7894	832 A/G
UN_ci_7894	1249 T/C
UN_ci_7894	1270 A/G
UN_ci_7894	1493 C/T
UN_ci_7894	1529 T/C
UN_ci_7895	425 G/A
UN_ci_7898	733 G/C
UN_ci_7900	55 A/G
UN_ci_7900	160 A/G
UN_ci_7900	225 A/G
UN_ci_7900	470 A/C
UN_ci_7900	502 C/G
UN_ci_7900	524 G/A
UN_ci_7900	567 C/G
UN_ci_7901	648 T/C
UN_ci_7901	675 A/G
UN_ci_7901	700 G/T
UN_ci_7901	748 A/G
UN_ci_7901	864 T/C
UN_ci_7901	915 G/T
UN_ci_7901	953 T/C
UN_ci_7901	973 G/A
UN_ci_7901	1018 C/T
UN_ci_7902	118 A/G
UN_ci_7902	367 T/C
UN_ci_7902	387 A/G
UN_ci_7902	430 A/C
UN_ci_7902	516 A/G
UN_ci_7902	709 T/C
UN_ci_7902	731 T/C
UN_ci_7903	38 C/T
UN_ci_7903	60 G/T
UN_ci_7903	119 A/C
UN_ci_7903	374 T/C
UN_ci_7903	454 A/T

Draft

UN_ci_7903	503 A/G
UN_ci_7903	556 G/A
UN_ci_7903	578 T/A
UN_ci_7903	659 T/C
UN_ci_7903	762 A/T
UN_ci_7903	864 T/C
UN_ci_7903	930 T/G
UN_ci_7905	539 C/T
UN_ci_7905	693 A/G
UN_ci_7905	780 A/G
UN_ci_7905	846 G/A
UN_ci_7908	169 C/G
UN_ci_7908	291 T/C
UN_ci_7908	356 T/C
UN_ci_7908	549 G/A
UN_ci_7908	698 T/C
UN_ci_7908	758 T/C
UN_ci_7908	788 T/C
UN_ci_7908	829 C/T
UN_ci_7908	886 T/C
UN_ci_7908	918 T/C
UN_ci_7908	969 A/C
UN_ci_7908	1024 T/C
UN_ci_7908	1075 T/C
UN_ci_7908	1101 A/G
UN_ci_7908	1137 T/C
UN_ci_7908	1158 A/G
UN_ci_7908	1299 T/C
UN_ci_7908	1330 C/T
UN_ci_7910	38 G/A
UN_ci_7910	537 C/T
UN_ci_7910	1324 G/A
UN_ci_7910	1374 A/G
UN_ci_7913	351 G/T
UN_ci_7914	55 G/T
UN_ci_7914	78 G/T
UN_ci_7918	116 A/G
UN_ci_7918	146 G/A
UN_ci_7918	183 G/A
UN_ci_7918	237 A/G
UN_ci_7918	263 G/C
UN_ci_7918	318 T/C
UN_ci_7918	392 A/G
UN_ci_7920	1254 A/G
UN_ci_7920	1276 T/G
UN_ci_7920	1609 A/G
UN_ci_7921	546 A/G
UN_ci_7921	925 A/C
UN_ci_7922	393 T/A
UN_ci_7922	435 C/T

Draft

UN_ci_7922	1155 T/C
UN_ci_7922	1266 A/T
UN_ci_7925	501 T/A
UN_ci_7925	546 G/A
UN_ci_7925	602 T/G
UN_ci_7925	681 A/G
UN_ci_7925	720 G/A
UN_ci_7925	819 C/T
UN_ci_7925	874 A/T
UN_ci_7925	969 A/C
UN_ci_7925	1082 G/A
UN_ci_7925	1426 T/C
UN_ci_7925	1499 C/T
UN_ci_7925	1693 G/C
UN_ci_7925	1773 T/C
UN_ci_7925	1951 A/G
UN_ci_7925	1972 T/C
UN_ci_7925	2009 C/A
UN_ci_7925	2140 C/T
UN_ci_7925	2162 C/T
UN_ci_7925	2220 C/T
UN_ci_7925	2252 G/A
UN_ci_7925	2282 A/G
UN_ci_7925	2317 T/C
UN_ci_7925	2350 C/T
UN_ci_7925	2375 A/G
UN_ci_7925	2418 T/C
UN_ci_7925	2447 T/C
UN_ci_7925	2550 G/C
UN_ci_7927	262 A/G
UN_ci_7927	398 G/C
UN_ci_7928	7 A/T
UN_ci_7928	123 A/G
UN_ci_7928	248 A/T
UN_ci_7928	341 G/A
UN_ci_7928	385 G/A
UN_ci_7928	410 T/C
UN_ci_7928	449 T/C
UN_ci_7928	596 T/A
UN_ci_7928	938 T/C
UN_ci_7928	966 A/T
UN_ci_7928	1243 T/A
UN_ci_7929	164 C/T
UN_ci_7929	205 A/G
UN_ci_7929	263 T/C
UN_ci_7929	409 C/T
UN_ci_7929	456 T/C
UN_ci_7929	640 G/A
UN_ci_7929	856 C/T
UN_ci_7929	1055 T/C

Draft

UN_ci_7929	1381 A/C
UN_ci_7929	1438 A/T
UN_ci_7929	1458 A/G
UN_ci_7929	1518 A/G
UN_ci_7929	1542 A/T
UN_ci_7934	37 C/T
UN_ci_7934	155 C/T
UN_ci_7934	187 C/T
UN_ci_7934	212 A/C
UN_ci_7934	249 A/G
UN_ci_7934	269 G/T
UN_ci_7936	182 A/C
UN_ci_7936	713 G/A
UN_ci_7936	903 G/A
UN_ci_7937	12 A/C
UN_ci_7937	310 C/T
UN_ci_7938	146 C/T
UN_ci_7939	422 A/G
UN_ci_7942	27 A/G
UN_ci_7942	70 T/C
UN_ci_7942	324 G/A
UN_ci_7942	363 G/T
UN_ci_7945	138 C/T
UN_ci_7945	173 A/G
UN_ci_7945	202 G/A
UN_ci_7945	238 T/C
UN_ci_7945	309 A/G
UN_ci_7945	516 G/A
UN_ci_7946	465 A/G
UN_ci_7946	525 A/G
UN_ci_7946	562 A/G
UN_ci_7946	614 A/G
UN_ci_7946	655 T/C
UN_ci_7946	678 T/G
UN_ci_7946	754 C/T
UN_ci_7946	785 A/G
UN_ci_7946	849 A/G
UN_ci_7947	105 C/T
UN_ci_7947	140 T/C
UN_ci_7947	209 A/G
UN_ci_7947	324 T/C
UN_ci_7947	785 C/T
UN_ci_7948	217 A/G
UN_ci_7949	586 A/G
UN_ci_7949	718 A/G
UN_ci_7950	48 G/T
UN_ci_7950	110 A/G
UN_ci_7951	192 C/T
UN_ci_7951	244 G/T
UN_ci_7952	143 C/T

Draft

UN_ci_7952	302 A/G
UN_ci_7952	792 A/G
UN_ci_7952	964 C/T
UN_ci_7952	1060 G/A
UN_ci_7953	182 A/G
UN_ci_7955	209 C/A
UN_ci_7956	84 A/G
UN_ci_7956	110 G/T
UN_ci_7956	403 T/C
UN_ci_7956	658 G/A
UN_ci_7956	1174 C/T
UN_ci_7956	1280 G/A
UN_ci_7956	1335 G/T
UN_ci_7956	1355 C/A
UN_ci_7956	1376 A/G
UN_ci_7956	1396 T/A
UN_ci_7957	114 G/A
UN_ci_7958	324 A/T
UN_ci_7961	670 A/G
UN_ci_7961	720 A/G
UN_ci_7961	771 A/G
UN_ci_7962	593 G/A
UN_ci_7962	676 G/A
UN_ci_7963	351 C/T
UN_ci_7964	71 A/G
UN_ci_7964	204 C/T
UN_ci_7964	233 A/G
UN_ci_7964	274 G/T
UN_ci_7964	359 A/G
UN_ci_7965	241 C/T
UN_ci_7965	286 T/C
UN_ci_7965	331 A/G
UN_ci_7967	685 T/G
UN_ci_7967	746 T/C
UN_ci_7967	805 G/A
UN_ci_7967	992 A/G
UN_ci_7970	353 A/G
UN_ci_7971	132 T/C
UN_ci_7971	448 C/A
UN_ci_7971	548 A/G
UN_ci_7971	631 T/C
UN_ci_7971	750 T/C
UN_ci_7971	959 C/G
UN_ci_7971	1196 T/C
UN_ci_7971	1354 C/T
UN_ci_7971	1376 C/T
UN_ci_7971	1422 C/T
UN_ci_7972	255 T/A
UN_ci_7972	291 T/C
UN_ci_7972	330 C/T

Draft

UN_ci_7972	1023 G/A
UN_ci_7972	1048 T/C
UN_ci_7972	1089 G/A
UN_ci_7972	1148 C/T
UN_ci_7972	1178 T/C
UN_ci_7972	1201 C/T
UN_ci_7972	1303 T/A
UN_ci_7973	194 G/T
UN_ci_7973	292 G/A
UN_ci_7973	376 T/C
UN_ci_7973	458 C/T
UN_ci_7973	520 T/G
UN_ci_7974	635 T/C
UN_ci_7976	340 G/T
UN_ci_7976	900 C/T
UN_ci_7976	1027 G/A
UN_ci_7976	1348 A/G
UN_ci_7976	1518 G/T
UN_ci_7979	278 A/G
UN_ci_7979	329 T/C
UN_ci_7979	695 C/T
UN_ci_7982	302 A/T
UN_ci_7982	362 C/T
UN_ci_7982	426 T/C
UN_ci_7983	80 G/A
UN_ci_7983	165 A/G
UN_ci_7983	204 A/T
UN_ci_7983	233 C/T
UN_ci_7983	447 A/G
UN_ci_7983	579 A/G
UN_ci_7984	44 A/T
UN_ci_7990	559 A/G
UN_ci_7990	906 G/A
UN_ci_7990	1344 G/T
UN_ci_7990	1759 A/T
UN_ci_7990	1797 T/C
UN_ci_7990	1917 T/C
UN_ci_7992	341 A/G
UN_ci_7992	594 T/G
UN_ci_7993	119 C/G
UN_ci_7993	215 G/A
UN_ci_7993	351 T/C
UN_ci_7994	184 G/A
UN_ci_7994	296 T/C
UN_ci_7994	316 T/C
UN_ci_7994	352 T/G
UN_ci_7994	493 T/A
UN_ci_7994	639 C/T
UN_ci_7994	716 T/C
UN_ci_7994	996 T/A

Draft

UN_ci_7994	1080 C/T
UN_ci_7994	1247 G/A
UN_ci_7997	222 G/A
UN_ci_7998	40 T/G
UN_ci_7998	68 G/A
UN_ci_7998	290 T/C
UN_ci_7998	410 T/C
UN_ci_7998	478 C/T
UN_ci_7998	505 A/G
UN_ci_7998	605 A/G
UN_ci_7998	625 A/G
UN_ci_7998	951 A/G
UN_ci_8000	464 A/G
UN_ci_8000	660 A/C
UN_ci_8000	1075 T/A
UN_ci_8000	2142 T/C
UN_ci_8000	2181 A/C
UN_ci_8000	2319 C/T
UN_ci_8002	446 T/C
UN_ci_8002	471 A/C
UN_ci_8002	638 T/C
UN_ci_8002	808 A/G
UN_ci_8002	863 G/A
UN_ci_8003	289 G/T
UN_ci_8003	342 A/G
UN_ci_8003	368 G/A
UN_ci_8003	390 A/C
UN_ci_8003	439 G/C
UN_ci_8003	513 A/G
UN_ci_8003	564 A/G
UN_ci_8003	588 G/T
UN_ci_8003	610 A/G
UN_ci_8003	642 A/C
UN_ci_8003	662 A/G
UN_ci_8003	695 T/A
UN_ci_8004	343 G/A
UN_ci_8004	395 T/C
UN_ci_8004	617 T/C
UN_ci_8005	457 T/C
UN_ci_8006	196 A/G
UN_ci_8006	254 C/A
UN_ci_8006	285 T/G
UN_ci_8006	331 T/G
UN_ci_8006	371 A/G
UN_ci_8006	419 C/A
UN_ci_8007	154 C/T
UN_ci_8008	309 A/G
UN_ci_8008	383 A/G
UN_ci_8008	615 A/T
UN_ci_8008	834 T/C

Draft

UN_ci_8010	57 G/C
UN_ci_8010	83 A/G
UN_ci_8010	104 C/T
UN_ci_8010	126 G/T
UN_ci_8010	167 A/G
UN_ci_8010	198 G/A
UN_ci_8010	233 A/G
UN_ci_8010	301 A/G
UN_ci_8010	355 T/C
UN_ci_8010	401 C/A
UN_ci_8010	431 A/G
UN_ci_8010	545 A/G
UN_ci_8011	37 T/C
UN_ci_8011	92 T/G
UN_ci_8011	117 T/C
UN_ci_8011	140 A/G
UN_ci_8011	175 C/T
UN_ci_8011	196 A/G
UN_ci_8011	217 T/C
UN_ci_8011	244 C/T
UN_ci_8011	298 G/A
UN_ci_8011	334 T/G
UN_ci_8013	401 G/A
UN_ci_8013	468 G/C
UN_ci_8013	626 A/T
UN_ci_8013	698 A/G
UN_ci_8013	842 A/T
UN_ci_8013	1018 T/C
UN_ci_8013	1093 G/A
UN_ci_8017	365 A/G
UN_ci_8017	497 A/C
UN_ci_8018	314 A/G
UN_ci_8019	120 G/C
UN_ci_8019	572 A/G
UN_ci_8019	615 A/G
UN_ci_8019	661 T/C
UN_ci_8019	748 T/C
UN_ci_8019	829 T/C
UN_ci_8019	919 T/C
UN_ci_8019	976 C/T
UN_ci_8019	1017 A/C
UN_ci_8019	1094 T/G
UN_ci_8019	1139 T/C
UN_ci_8021	164 T/C
UN_ci_8021	197 C/T
UN_ci_8021	403 T/C
UN_ci_8021	651 C/G
UN_ci_8022	80 T/C
UN_ci_8022	528 A/G
UN_ci_8022	1014 T/C

Draft

UN_ci_8022	1175 T/C
UN_ci_8024	363 A/G
UN_ci_8024	778 A/G
UN_ci_8026	697 A/G
UN_ci_8026	722 G/A
UN_ci_8026	758 A/G
UN_ci_8026	968 G/A
UN_ci_8026	1127 T/A
UN_ci_8026	1276 T/C
UN_ci_8030	190 G/C
UN_ci_8030	284 A/G
UN_ci_8030	360 T/C
UN_ci_8030	603 C/T
UN_ci_8030	645 A/G
UN_ci_8030	713 T/C
UN_ci_8030	779 G/A
UN_ci_8030	855 T/C
UN_ci_8030	1052 G/A
UN_ci_8033	373 A/G
UN_ci_8033	572 G/A
UN_ci_8033	832 C/T
UN_ci_8033	872 C/A
UN_ci_8033	892 G/C
UN_ci_8033	920 C/A
UN_ci_8036	664 C/T
UN_ci_8036	812 C/G
UN_ci_8036	1034 G/A
UN_ci_8037	439 C/G
UN_ci_8037	537 G/A
UN_ci_8037	695 A/G
UN_ci_8037	822 C/T
UN_ci_8037	1025 A/T
UN_ci_8038	197 C/T
UN_ci_8040	101 A/T
UN_ci_8040	220 T/C
UN_ci_8040	342 T/G
UN_ci_8040	726 A/C
UN_ci_8040	967 T/C
UN_ci_8040	1114 G/A
UN_ci_8041	50 G/A
UN_ci_8041	80 T/C
UN_ci_8041	144 A/G
UN_ci_8041	164 A/G
UN_ci_8041	280 A/C
UN_ci_8041	333 C/A
UN_ci_8041	359 G/A
UN_ci_8041	545 T/C
UN_ci_8041	610 C/T
UN_ci_8041	656 C/T
UN_ci_8041	1005 T/C

Draft

UN_ci_8041	1236 A/T
UN_ci_8041	1527 T/C
UN_ci_8043	85 T/A
UN_ci_8044	726 C/T
UN_ci_8044	789 C/T
UN_ci_8044	901 C/T
UN_ci_8045	220 T/C
UN_ci_8045	297 A/G
UN_ci_8045	334 G/A
UN_ci_8047	71 G/A
UN_ci_8049	183 A/G
UN_ci_8049	723 T/C
UN_ci_8052	404 A/G
UN_ci_8054	118 C/T
UN_ci_8054	153 G/A
UN_ci_8054	175 A/T
UN_ci_8054	250 G/A
UN_ci_8054	279 C/T
UN_ci_8054	316 T/A
UN_ci_8054	336 A/G
UN_ci_8054	362 A/G
UN_ci_8054	391 A/G
UN_ci_8054	414 A/T
UN_ci_8054	439 A/C
UN_ci_8054	498 A/T
UN_ci_8054	527 T/C
UN_ci_8054	600 T/C
UN_ci_8054	645 T/C
UN_ci_8054	669 A/G
UN_ci_8054	714 T/C
UN_ci_8056	70 A/G
UN_ci_8058	235 T/C
UN_ci_8058	290 C/G
UN_ci_8058	472 C/T
UN_ci_8058	524 A/G
UN_ci_8058	566 T/G
UN_ci_8058	959 T/C
UN_ci_8058	1179 A/G
UN_ci_8060	470 G/T
UN_ci_8061	371 G/A
UN_ci_8061	442 G/T
UN_ci_8061	1139 G/T
UN_ci_8061	1208 T/C
UN_ci_8061	1488 A/T
UN_ci_8061	1521 G/A
UN_ci_8062	251 C/T
UN_ci_8063	89 C/T
UN_ci_8064	573 G/A
UN_ci_8064	642 G/A
UN_ci_8064	705 G/A

Draft

UN_ci_8065	121 T/C
UN_ci_8065	306 T/C
UN_ci_8065	419 T/A
UN_ci_8065	702 C/T
UN_ci_8065	777 T/C
UN_ci_8065	873 T/C
UN_ci_8065	903 A/C
UN_ci_8065	924 G/T
UN_ci_8065	969 T/G
UN_ci_8065	1014 T/A
UN_ci_8065	1034 A/G
UN_ci_8067	210 G/T
UN_ci_8067	290 A/G
UN_ci_8068	369 G/A
UN_ci_8069	527 A/G
UN_ci_8069	578 C/G
UN_ci_8069	692 A/C
UN_ci_8069	933 A/G
UN_ci_8069	987 T/G
UN_ci_8070	618 G/A
UN_ci_8070	836 T/C
UN_ci_8070	930 A/G
UN_ci_8070	1076 A/G
UN_ci_8071	933 T/C
UN_ci_8072	20 G/A
UN_ci_8072	91 A/G
UN_ci_8072	209 T/C
UN_ci_8072	283 G/A
UN_ci_8072	310 G/A
UN_ci_8072	355 C/A
UN_ci_8072	432 T/C
UN_ci_8072	550 A/G
UN_ci_8073	74 G/T
UN_ci_8073	156 C/T
UN_ci_8073	191 C/T
UN_ci_8073	227 C/T
UN_ci_8073	251 T/C
UN_ci_8073	290 A/C
UN_ci_8073	362 T/C
UN_ci_8073	410 T/C
UN_ci_8073	441 T/C
UN_ci_8073	473 T/C
UN_ci_8073	678 C/A
UN_ci_8073	715 C/T
UN_ci_8073	737 A/T
UN_ci_8073	767 T/C
UN_ci_8073	814 T/C
UN_ci_8073	1098 A/G
UN_ci_8073	1142 G/C
UN_ci_8076	228 C/T

Draft

UN_ci_8076	535 A/G
UN_ci_8078	320 T/C
UN_ci_8078	453 T/G
UN_ci_8079	154 C/G
UN_ci_8079	205 C/T
UN_ci_8079	310 T/C
UN_ci_8079	374 G/A
UN_ci_8080	22 G/A
UN_ci_8080	151 G/A
UN_ci_8080	712 G/A
UN_ci_8080	798 G/A
UN_ci_8080	861 G/A
UN_ci_8081	107 G/T
UN_ci_8084	12 T/C
UN_ci_8084	51 A/T
UN_ci_8084	387 G/A
UN_ci_8084	551 G/C
UN_ci_8084	675 T/C
UN_ci_8084	777 T/C
UN_ci_8085	746 A/G
UN_ci_8086	769 C/A
UN_ci_8086	885 T/G
UN_ci_8086	970 A/T
UN_ci_8088	58 C/T
UN_ci_8089	448 A/G
UN_ci_8089	665 A/G
UN_ci_8092	485 C/T
UN_ci_8093	663 A/C
UN_ci_8093	1184 T/C
UN_ci_8093	1582 A/G
UN_ci_8093	1683 C/A
UN_ci_8093	1889 A/G
UN_ci_8093	1992 T/C
UN_ci_8093	2118 T/C
UN_ci_8093	2285 C/T
UN_ci_8094	525 G/C
UN_ci_8094	622 G/T
UN_ci_8095	219 C/G
UN_ci_8095	342 G/T
UN_ci_8095	445 A/G
UN_ci_8097	22 C/T
UN_ci_8097	128 G/A
UN_ci_8097	400 T/G
UN_ci_8097	420 A/G
UN_ci_8098	109 G/A
UN_ci_8098	156 A/G
UN_ci_8098	197 A/G
UN_ci_8098	226 A/G
UN_ci_8098	246 A/G
UN_ci_8098	309 C/T

Draft

UN_ci_8098	346 A/T
UN_ci_8098	374 A/G
UN_ci_8098	428 A/G
UN_ci_8098	474 A/G
UN_ci_8098	587 A/G
UN_ci_8098	607 A/T
UN_ci_8098	637 C/T
UN_ci_8098	716 A/G
UN_ci_8098	747 T/C
UN_ci_8098	768 A/C
UN_ci_8098	816 A/G
UN_ci_8098	877 T/C
UN_ci_8098	1040 A/G
UN_ci_8098	1078 T/C
UN_ci_8098	1098 G/A
UN_ci_8098	1145 T/C
UN_ci_8098	1241 G/T
UN_ci_8098	1300 G/A
UN_ci_8098	1361 G/A
UN_ci_8098	1411 A/G
UN_ci_8099	52 C/T
UN_ci_8099	724 T/G
UN_ci_8099	889 G/T
UN_ci_8100	695 A/G
UN_ci_8101	365 C/A
UN_ci_8101	393 A/G
UN_ci_8101	437 T/C
UN_ci_8102	609 T/C
UN_ci_8103	131 G/T
UN_ci_8103	155 G/A
UN_ci_8103	177 A/G
UN_ci_8103	200 A/G
UN_ci_8103	234 T/C
UN_ci_8103	262 T/C
UN_ci_8103	294 T/C
UN_ci_8103	314 A/T
UN_ci_8103	351 A/G
UN_ci_8103	374 A/G
UN_ci_8103	419 T/C
UN_ci_8103	448 T/C
UN_ci_8103	529 A/T
UN_ci_8103	553 C/T
UN_ci_8103	573 T/C
UN_ci_8103	605 T/C
UN_ci_8103	643 A/G
UN_ci_8103	665 T/C
UN_ci_8103	710 A/G
UN_ci_8103	736 T/C
UN_ci_8103	774 T/C
UN_ci_8103	794 A/G

Draft

UN_ci_8103	830 A/C
UN_ci_8103	868 G/A
UN_ci_8103	938 G/A
UN_ci_8103	1002 T/C
UN_ci_8103	1133 T/C
UN_ci_8104	68 A/G
UN_ci_8104	93 T/A
UN_ci_8104	212 T/C
UN_ci_8104	284 G/A
UN_ci_8104	405 C/T
UN_ci_8104	435 C/T
UN_ci_8105	8 A/G
UN_ci_8105	103 C/A
UN_ci_8105	258 G/A
UN_ci_8105	489 T/C
UN_ci_8105	627 C/T
UN_ci_8105	688 C/A
UN_ci_8106	580 C/T
UN_ci_8106	877 T/G
UN_ci_8108	69 T/C
UN_ci_8108	436 G/A
UN_ci_8108	645 C/T
UN_ci_8108	672 G/A
UN_ci_8108	720 G/A
UN_ci_8108	771 A/G
UN_ci_8109	311 C/T
UN_ci_8109	496 G/A
UN_ci_8109	653 C/T
UN_ci_8110	120 C/T
UN_ci_8113	696 G/T
UN_ci_8113	739 C/T
UN_ci_8113	807 A/T
UN_ci_8113	1014 T/C
UN_ci_8113	1052 T/C
UN_ci_8113	1106 A/G
UN_ci_8114	587 A/G
UN_ci_8115	459 A/G
UN_ci_8115	514 A/G
UN_ci_8115	627 C/T
UN_ci_8115	681 A/C
UN_ci_8115	725 A/G
UN_ci_8116	99 A/C
UN_ci_8116	345 G/A
UN_ci_8116	534 C/T
UN_ci_8116	595 A/C
UN_ci_8117	82 C/G
UN_ci_8117	158 G/T
UN_ci_8117	215 T/C
UN_ci_8117	1255 T/C
UN_ci_8117	1466 T/A

Draft

UN_ci_8118	384 A/G
UN_ci_8118	477 C/A
UN_ci_8118	662 C/T
UN_ci_8118	781 A/T
UN_ci_8118	954 C/T
UN_ci_8120	36 G/C
UN_ci_8121	45 A/G
UN_ci_8121	92 C/T
UN_ci_8121	255 C/T
UN_ci_8121	289 A/G
UN_ci_8121	396 T/C
UN_ci_8121	582 C/T
UN_ci_8121	628 T/C
UN_ci_8121	708 C/A
UN_ci_8123	283 C/G
UN_ci_8123	320 A/G
UN_ci_8123	352 G/A
UN_ci_8123	410 A/G
UN_ci_8123	457 A/G
UN_ci_8123	520 A/G
UN_ci_8123	558 G/A
UN_ci_8123	583 A/G
UN_ci_8123	663 C/T
UN_ci_8123	738 G/C
UN_ci_8123	777 G/A
UN_ci_8123	797 A/G
UN_ci_8123	855 A/C
UN_ci_8123	886 A/T
UN_ci_8123	915 A/G
UN_ci_8123	991 C/A
UN_ci_8123	1099 T/C
UN_ci_8123	1141 A/G
UN_ci_8123	1244 A/G
UN_ci_8123	1313 A/G
UN_ci_8123	1350 A/G
UN_ci_8123	1437 T/C
UN_ci_8123	1654 T/C
UN_ci_8123	1688 G/A
UN_ci_8123	1721 G/A
UN_ci_8123	1819 A/G
UN_ci_8123	1854 T/G
UN_ci_8123	1928 T/C
UN_ci_8124	162 T/C
UN_ci_8125	275 T/C
UN_ci_8125	692 A/G
UN_ci_8125	864 G/T
UN_ci_8127	110 T/C
UN_ci_8127	211 A/G
UN_ci_8127	474 A/C
UN_ci_8127	505 T/G

Draft

UN_ci_8127	538 A/G
UN_ci_8127	696 G/A
UN_ci_8127	762 G/A
UN_ci_8128	153 A/G
UN_ci_8128	408 A/G
UN_ci_8128	757 T/C
UN_ci_8129	798 A/G
UN_ci_8129	860 A/G
UN_ci_8129	980 A/G
UN_ci_8129	1049 A/G
UN_ci_8129	1154 A/G
UN_ci_8129	1202 G/A
UN_ci_8129	1270 T/C
UN_ci_8129	1371 A/G
UN_ci_8129	1417 T/C
UN_ci_8129	1438 A/G
UN_ci_8129	1464 C/T
UN_ci_8129	1486 T/C
UN_ci_8129	1508 T/C
UN_ci_8129	1544 A/G
UN_ci_8129	1566 T/G
UN_ci_8129	1602 A/G
UN_ci_8129	1627 A/G
UN_ci_8129	1666 T/C
UN_ci_8129	1695 A/C
UN_ci_8129	1722 C/G
UN_ci_8129	1743 T/A
UN_ci_8129	1764 A/G
UN_ci_8129	1788 T/C
UN_ci_8129	1808 A/G
UN_ci_8129	1831 T/C
UN_ci_8129	1860 A/G
UN_ci_8129	1887 T/C
UN_ci_8129	1911 T/C
UN_ci_8129	1933 C/T
UN_ci_8129	1956 C/T
UN_ci_8129	1978 T/C
UN_ci_8129	2034 A/G
UN_ci_8129	2059 C/T
UN_ci_8129	2079 G/A
UN_ci_8129	2099 T/C
UN_ci_8129	2120 T/C
UN_ci_8130	178 T/G
UN_ci_8130	385 A/T
UN_ci_8130	747 G/A
UN_ci_8132	6 T/G
UN_ci_8133	182 C/T
UN_ci_8133	203 C/T
UN_ci_8133	226 A/G
UN_ci_8134	34 T/G

Draft

UN_ci_8134	71 A/T
UN_ci_8134	112 A/G
UN_ci_8134	268 T/C
UN_ci_8134	309 T/C
UN_ci_8134	621 T/C
UN_ci_8134	652 C/T
UN_ci_8134	696 T/G
UN_ci_8134	724 T/G
UN_ci_8136	495 C/T
UN_ci_8136	580 C/G
UN_ci_8138	369 A/G
UN_ci_8139	145 A/T
UN_ci_8139	233 T/C
UN_ci_8139	310 T/A
UN_ci_8139	446 T/C
UN_ci_8139	470 G/A
UN_ci_8139	648 A/C
UN_ci_8139	674 C/T
UN_ci_8139	695 A/G
UN_ci_8139	718 G/A
UN_ci_8139	741 G/A
UN_ci_8139	767 T/A
UN_ci_8139	787 C/T
UN_ci_8139	809 T/C
UN_ci_8139	831 C/A
UN_ci_8139	854 A/G
UN_ci_8139	877 T/C
UN_ci_8139	898 G/A
UN_ci_8139	920 G/A
UN_ci_8139	940 C/T
UN_ci_8139	965 T/C
UN_ci_8139	991 T/C
UN_ci_8139	1014 T/C
UN_ci_8139	1035 G/C
UN_ci_8139	1095 G/T
UN_ci_8139	1182 G/A
UN_ci_8139	1217 A/G
UN_ci_8139	1249 C/T
UN_ci_8139	1344 T/A
UN_ci_8139	1383 A/G
UN_ci_8139	1448 C/A
UN_ci_8139	1528 A/G
UN_ci_8140	71 A/C
UN_ci_8140	141 T/C
UN_ci_8140	204 C/T
UN_ci_8140	267 C/A
UN_ci_8140	330 T/C
UN_ci_8140	443 C/T
UN_ci_8140	502 C/T
UN_ci_8140	604 T/C

Draft

UN_ci_8140	640 A/G
UN_ci_8140	932 A/G
UN_ci_8140	1026 C/T
UN_ci_8141	553 T/G
UN_ci_8141	1223 G/T
UN_ci_8142	496 A/G
UN_ci_8142	531 A/G
UN_ci_8142	648 A/G
UN_ci_8142	719 A/G
UN_ci_8143	261 G/A
UN_ci_8143	404 A/G
UN_ci_8143	680 A/G
UN_ci_8143	1219 T/C
UN_ci_8145	88 C/T
UN_ci_8145	110 A/T
UN_ci_8145	287 A/C
UN_ci_8147	233 T/C
UN_ci_8147	362 T/C
UN_ci_8147	1273 T/A
UN_ci_8147	1347 T/G
UN_ci_8147	1390 G/C
UN_ci_8147	1478 T/A
UN_ci_8147	1518 C/T
UN_ci_8147	1736 A/G
UN_ci_8147	1840 A/G
UN_ci_8147	1965 A/G
UN_ci_8147	1986 C/T
UN_ci_8148	587 G/T
UN_ci_8151	708 T/C
UN_ci_8152	201 C/G
UN_ci_8152	562 C/G
UN_ci_8153	44 A/G
UN_ci_8153	445 T/C
UN_ci_8153	632 T/C
UN_ci_8153	975 A/C
UN_ci_8155	123 A/G
UN_ci_8155	236 G/A
UN_ci_8156	122 T/C
UN_ci_8156	211 C/A
UN_ci_8156	667 C/T
UN_ci_8157	272 G/T
UN_ci_8158	558 G/A
UN_ci_8158	928 C/T
UN_ci_8158	1162 G/C
UN_ci_8159	379 C/A
UN_ci_8159	521 C/A
UN_ci_8162	386 C/T
UN_ci_8162	408 A/C
UN_ci_8162	516 A/G
UN_ci_8162	811 T/C

UN_ci_8162	962 T/C
UN_ci_8162	1105 T/C
UN_ci_8162	1196 C/G
UN_ci_8163	64 G/C
UN_ci_8163	199 G/T
UN_ci_8163	307 T/C
UN_ci_8163	829 G/A
UN_ci_8163	983 A/G
UN_ci_8163	1123 A/G
UN_ci_8163	1212 A/G
UN_ci_8163	1371 T/C
UN_ci_8163	1538 G/A
UN_ci_8163	1603 G/T
UN_ci_8163	1716 A/G
UN_ci_8164	76 A/G
UN_ci_8164	139 G/T
UN_ci_8164	791 A/T
UN_ci_8165	288 C/T
UN_ci_8165	550 T/A
UN_ci_8166	274 G/C
UN_ci_8166	688 A/C
UN_ci_8167	148 A/G
UN_ci_8168	186 A/G
UN_ci_8168	234 C/G
UN_ci_8168	1053 A/G
UN_ci_8168	1148 C/T
UN_ci_8168	1219 T/C
UN_ci_8168	1499 G/A
UN_ci_8171	37 A/G
UN_ci_8171	71 A/G
UN_ci_8171	108 T/A
UN_ci_8171	195 C/T
UN_ci_8171	225 A/G
UN_ci_8171	246 T/C
UN_ci_8171	278 A/G
UN_ci_8171	333 T/C
UN_ci_8171	364 A/C
UN_ci_8171	394 G/A
UN_ci_8171	444 T/C
UN_ci_8171	473 T/C
UN_ci_8171	503 A/G
UN_ci_8171	526 A/G
UN_ci_8171	547 A/G
UN_ci_8171	594 G/A
UN_ci_8171	618 A/G
UN_ci_8171	656 T/C
UN_ci_8171	710 T/C
UN_ci_8171	740 T/G
UN_ci_8171	765 T/C
UN_ci_8171	795 T/C

Draft

UN_ci_8171	829 C/A
UN_ci_8173	506 T/C
UN_ci_8173	549 C/T
UN_ci_8174	231 T/C
UN_ci_8174	260 A/G
UN_ci_8174	315 G/C
UN_ci_8174	369 A/C
UN_ci_8174	513 T/C
UN_ci_8175	195 A/G
UN_ci_8175	267 G/A
UN_ci_8175	317 C/G
UN_ci_8175	405 T/C
UN_ci_8175	567 A/G
UN_ci_8175	654 T/C
UN_ci_8175	762 A/G
UN_ci_8176	504 A/T
UN_ci_8176	531 T/C
UN_ci_8176	1013 A/T
UN_ci_8178	127 A/G
UN_ci_8178	488 A/G
UN_ci_8181	213 G/T
UN_ci_8181	237 A/G
UN_ci_8181	370 A/G
UN_ci_8181	396 A/C
UN_ci_8181	514 T/C
UN_ci_8181	583 C/A
UN_ci_8181	798 T/G
UN_ci_8181	1024 A/G
UN_ci_8182	979 C/T
UN_ci_8184	766 G/T
UN_ci_8185	233 G/C
UN_ci_8185	342 A/G
UN_ci_8185	790 C/T
UN_ci_8186	260 A/T
UN_ci_8187	181 A/T
UN_ci_8189	252 T/C
UN_ci_8189	299 C/A
UN_ci_8189	420 T/G
UN_ci_8189	442 T/C
UN_ci_8189	552 C/T
UN_ci_8189	575 T/C
UN_ci_8190	528 A/G
UN_ci_8191	189 C/A
UN_ci_8191	343 G/A
UN_ci_8193	193 T/C
UN_ci_8193	523 C/G
UN_ci_8193	604 A/G
UN_ci_8197	545 C/T
UN_ci_8198	167 A/C
UN_ci_8199	136 T/G

Draft

UN_ci_8200	265 T/C
UN_ci_8200	454 A/C
UN_ci_8200	654 G/T
UN_ci_8200	777 T/C
UN_ci_8200	802 T/C
UN_ci_8201	623 T/C
UN_ci_8201	655 A/G
UN_ci_8201	681 G/A
UN_ci_8201	702 G/C
UN_ci_8201	724 A/G
UN_ci_8201	749 C/T
UN_ci_8201	770 A/T
UN_ci_8201	790 A/G
UN_ci_8201	810 C/G
UN_ci_8201	830 G/A
UN_ci_8201	850 A/G
UN_ci_8201	878 G/T
UN_ci_8201	923 T/C
UN_ci_8201	947 A/G
UN_ci_8201	975 A/G
UN_ci_8203	175 T/A
UN_ci_8203	224 C/T
UN_ci_8203	311 T/A
UN_ci_8203	404 T/C
UN_ci_8204	95 G/C
UN_ci_8205	539 A/G
UN_ci_8205	634 T/C
UN_ci_8205	673 C/A
UN_ci_8205	794 G/A
UN_ci_8205	1241 A/G
UN_ci_8205	1413 T/C
UN_ci_8205	1637 G/A
UN_ci_8205	1766 T/G
UN_ci_8206	262 G/A
UN_ci_8206	359 G/A
UN_ci_8206	457 G/A
UN_ci_8206	557 A/G
UN_ci_8206	703 T/C
UN_ci_8206	760 A/C
UN_ci_8207	47 A/C
UN_ci_8207	272 A/G
UN_ci_8207	520 G/A
UN_ci_8207	696 G/A
UN_ci_8207	806 T/C
UN_ci_8212	613 A/G
UN_ci_8212	757 G/T
UN_ci_8212	787 T/G
UN_ci_8212	1124 T/C
UN_ci_8212	1145 G/A
UN_ci_8212	1168 A/G

Draft

UN_ci_8212	1189 A/G
UN_ci_8212	1210 G/A
UN_ci_8212	1233 T/C
UN_ci_8212	1254 T/G
UN_ci_8212	1274 A/G
UN_ci_8212	1294 A/G
UN_ci_8212	1314 A/G
UN_ci_8212	1334 T/C
UN_ci_8212	1354 T/C
UN_ci_8212	1374 A/G
UN_ci_8212	1394 A/G
UN_ci_8212	1414 A/G
UN_ci_8212	1435 T/C
UN_ci_8212	1464 A/G
UN_ci_8212	1485 A/G
UN_ci_8212	1524 C/A
UN_ci_8212	1554 C/T
UN_ci_8212	1608 G/A
UN_ci_8213	278 C/T
UN_ci_8213	723 A/C
UN_ci_8216	209 C/G
UN_ci_8216	1381 T/C
UN_ci_8216	1425 A/C
UN_ci_8217	331 C/T
UN_ci_8218	106 A/G
UN_ci_8218	143 A/G
UN_ci_8218	327 G/A
UN_ci_8218	348 C/T
UN_ci_8218	580 G/A
UN_ci_8220	274 A/T
UN_ci_8221	114 T/G
UN_ci_8221	194 A/G
UN_ci_8221	331 G/A
UN_ci_8221	477 T/C
UN_ci_8221	500 G/A
UN_ci_8221	620 T/A
UN_ci_8221	658 A/G
UN_ci_8221	695 T/C
UN_ci_8221	870 A/G
UN_ci_8221	1109 T/C
UN_ci_8221	1233 T/C
UN_ci_8221	1257 C/T
UN_ci_8225	385 C/G
UN_ci_8225	980 C/T
UN_ci_8225	1022 A/G
UN_ci_8225	1076 T/C
UN_ci_8225	1114 C/A
UN_ci_8225	1161 A/G
UN_ci_8225	1203 A/G
UN_ci_8225	1228 A/G

UN_ci_8225	1278 A/G
UN_ci_8225	1344 G/A
UN_ci_8225	1441 A/G
UN_ci_8230	711 A/G
UN_ci_8232	201 T/C
UN_ci_8232	580 G/A
UN_ci_8233	301 G/C
UN_ci_8233	322 C/T
UN_ci_8233	352 C/T
UN_ci_8233	528 C/G
UN_ci_8233	839 A/G
UN_ci_8233	1093 C/T
UN_ci_8233	1420 A/G
UN_ci_8233	1532 G/A
UN_ci_8233	1842 C/G
UN_ci_8236	28 A/C
UN_ci_8236	94 A/G
UN_ci_8236	122 C/T
UN_ci_8236	599 C/T
UN_ci_8236	755 C/T
UN_ci_8236	780 C/T
UN_ci_8236	1028 T/G
UN_ci_8236	1078 A/G
UN_ci_8236	1147 C/T
UN_ci_8236	1358 G/T
UN_ci_8237	144 C/G
UN_ci_8237	250 T/C
UN_ci_8237	394 A/G
UN_ci_8237	437 T/C
UN_ci_8237	595 T/C
UN_ci_8237	629 T/A
UN_ci_8237	659 C/A
UN_ci_8238	20 A/G
UN_ci_8238	49 G/T
UN_ci_8238	359 T/C
UN_ci_8241	657 G/T
UN_ci_8241	722 A/G
UN_ci_8241	1029 G/A
UN_ci_8243	333 T/C
UN_ci_8244	96 C/T
UN_ci_8244	316 C/G
UN_ci_8245	339 A/G
UN_ci_8245	838 G/A
UN_ci_8245	937 C/T
UN_ci_8247	17 T/C
UN_ci_8247	85 C/T
UN_ci_8247	202 A/G
UN_ci_8247	377 C/T
UN_ci_8247	407 C/T
UN_ci_8250	54 A/T

Draft

UN_ci_8250	163 C/T
UN_ci_8250	313 T/A
UN_ci_8250	786 T/G
UN_ci_8250	1021 T/C
UN_ci_8250	1327 C/T
UN_ci_8251	8 A/G
UN_ci_8251	49 C/T
UN_ci_8251	148 C/T
UN_ci_8251	214 T/C
UN_ci_8251	247 C/A
UN_ci_8251	435 A/T
UN_ci_8251	614 A/G
UN_ci_8251	636 T/C
UN_ci_8251	691 T/C
UN_ci_8251	758 C/G
UN_ci_8254	60 T/A
UN_ci_8255	315 C/T
UN_ci_8256	332 C/T
UN_ci_8256	1081 A/G
UN_ci_8256	1127 A/C
UN_ci_8256	1177 C/T
UN_ci_8256	1433 T/C
UN_ci_8256	1466 T/C
UN_ci_8256	1551 T/C
UN_ci_8256	1593 T/C
UN_ci_8256	1738 A/G
UN_ci_8256	1986 C/T
UN_ci_8260	98 A/G
UN_ci_8260	466 T/A
UN_ci_8260	874 C/T
UN_ci_8260	1279 G/C
UN_ci_8260	1367 A/G
UN_ci_8261	151 C/T
UN_ci_8262	141 T/C
UN_ci_8262	347 C/G
UN_ci_8262	488 G/A
UN_ci_8262	789 A/G
UN_ci_8262	975 T/C
UN_ci_8263	360 A/G
UN_ci_8264	36 G/T
UN_ci_8264	267 C/T
UN_ci_8264	361 T/C
UN_ci_8264	414 A/C
UN_ci_8264	600 C/T
UN_ci_8264	666 T/C
UN_ci_8265	248 G/A
UN_ci_8265	540 G/A
UN_ci_8265	673 C/T
UN_ci_8265	1018 T/C
UN_ci_8265	1125 C/T

UN_ci_8265	1182 G/C
UN_ci_8266	402 A/G
UN_ci_8267	65 T/G
UN_ci_8267	141 G/A
UN_ci_8267	257 A/G
UN_ci_8267	389 G/T
UN_ci_8267	724 A/G
UN_ci_8267	801 A/T
UN_ci_8268	278 T/C
UN_ci_8268	360 A/T
UN_ci_8268	958 A/G
UN_ci_8269	549 T/C
UN_ci_8270	636 T/C
UN_ci_8270	962 A/G
UN_ci_8270	1521 A/G
UN_ci_8270	1692 G/T
UN_ci_8272	1558 A/G
UN_ci_8273	292 T/C
UN_ci_8274	695 G/T
UN_ci_8274	826 T/C
UN_ci_8275	467 A/G
UN_ci_8275	951 G/A
UN_ci_8275	974 G/C
UN_ci_8275	1157 T/C
UN_ci_8275	1198 T/A
UN_ci_8275	1294 T/C
UN_ci_8276	119 T/C
UN_ci_8276	259 G/C
UN_ci_8278	238 T/G
UN_ci_8279	869 A/G
UN_ci_8279	929 A/G
UN_ci_8279	984 G/T
UN_ci_8279	1101 C/T
UN_ci_8279	1188 A/G
UN_ci_8279	1228 A/T
UN_ci_8279	1315 T/C
UN_ci_8279	1377 C/T
UN_ci_8279	1581 A/G
UN_ci_8279	1651 A/G
UN_ci_8279	1722 C/T
UN_ci_8281	121 G/T
UN_ci_8281	153 A/C
UN_ci_8281	409 A/G
UN_ci_8282	1149 A/G
UN_ci_8283	107 G/T
UN_ci_8283	274 C/T
UN_ci_8283	454 T/C
UN_ci_8283	618 G/C
UN_ci_8283	747 T/C
UN_ci_8283	1047 C/G

Draft

UN_ci_8283	1208 G/A
UN_ci_8283	1305 T/C
UN_ci_8283	1429 G/A
UN_ci_8283	1465 C/T
UN_ci_8284	131 A/T
UN_ci_8284	175 A/G
UN_ci_8286	90 G/A
UN_ci_8287	477 A/T
UN_ci_8287	989 T/A
UN_ci_8288	212 G/T
UN_ci_8288	260 T/A
UN_ci_8288	291 T/C
UN_ci_8288	320 A/G
UN_ci_8288	409 C/T
UN_ci_8288	437 A/G
UN_ci_8288	457 G/A
UN_ci_8288	478 C/T
UN_ci_8288	498 A/G
UN_ci_8288	521 T/C
UN_ci_8288	566 T/C
UN_ci_8288	587 A/G
UN_ci_8288	656 A/T
UN_ci_8288	718 T/C
UN_ci_8288	762 A/G
UN_ci_8291	859 G/A
UN_ci_8291	1071 T/A
UN_ci_8291	1239 T/C
UN_ci_8291	1284 G/A
UN_ci_8291	1437 T/A
UN_ci_8292	186 C/A
UN_ci_8294	618 A/C
UN_ci_8295	35 G/T
UN_ci_8295	59 T/C
UN_ci_8295	79 A/G
UN_ci_8295	153 A/G
UN_ci_8295	216 C/T
UN_ci_8295	242 A/C
UN_ci_8295	276 C/T
UN_ci_8295	596 A/G
UN_ci_8296	380 C/T
UN_ci_8297	276 T/C
UN_ci_8297	512 C/T
UN_ci_8299	324 T/C
UN_ci_8299	553 A/T
UN_ci_8299	578 G/A
UN_ci_8299	666 A/G
UN_ci_8299	734 T/C
UN_ci_8299	769 A/C
UN_ci_8299	799 C/A
UN_ci_8299	1024 A/G

Draft

UN_ci_8299	1071 G/A
UN_ci_8299	1100 T/C
UN_ci_8299	1142 T/C
UN_ci_8299	1267 T/C
UN_ci_8299	1308 T/G
UN_ci_8299	1344 T/C
UN_ci_8299	1367 G/T
UN_ci_8301	118 A/T
UN_ci_8302	104 G/A
UN_ci_8302	709 G/A
UN_ci_8302	1162 T/C
UN_ci_8302	1461 A/T
UN_ci_8302	1728 C/G
UN_ci_8303	315 A/C
UN_ci_8303	510 C/A
UN_ci_8303	586 T/C
UN_ci_8303	761 C/G
UN_ci_8303	796 G/T
UN_ci_8305	264 T/C
UN_ci_8308	105 C/T
UN_ci_8308	342 C/T
UN_ci_8308	379 C/T
UN_ci_8308	550 G/A
UN_ci_8309	26 G/A
UN_ci_8309	58 A/G
UN_ci_8309	87 T/C
UN_ci_8309	488 A/G
UN_ci_8309	638 C/T
UN_ci_8309	681 G/C
UN_ci_8309	780 A/G
UN_ci_8309	852 A/C
UN_ci_8309	996 C/T
UN_ci_8309	1054 T/C
UN_ci_8309	1187 T/C
UN_ci_8309	1242 A/C
UN_ci_8309	1269 C/T
UN_ci_8309	1503 T/C
UN_ci_8310	7 A/T
UN_ci_8310	42 G/C
UN_ci_8310	84 C/T
UN_ci_8310	163 C/T
UN_ci_8310	356 T/A
UN_ci_8310	480 A/G
UN_ci_8313	8 C/T
UN_ci_8313	197 T/C
UN_ci_8313	294 C/A
UN_ci_8313	468 G/A
UN_ci_8313	606 C/A
UN_ci_8314	615 A/T
UN_ci_8315	966 A/G

Draft

UN_ci_8316	1009 A/G
UN_ci_8316	1109 T/A
UN_ci_8316	1412 A/G
UN_ci_8316	1648 A/T
UN_ci_8316	1711 G/A
UN_ci_8317	18 G/A
UN_ci_8317	68 A/G
UN_ci_8317	149 T/C
UN_ci_8317	200 A/G
UN_ci_8317	221 A/G
UN_ci_8317	256 A/G
UN_ci_8317	283 A/G
UN_ci_8317	307 A/G
UN_ci_8317	335 C/T
UN_ci_8317	368 A/G
UN_ci_8317	397 C/T
UN_ci_8317	424 A/G
UN_ci_8317	460 C/T
UN_ci_8317	498 A/G
UN_ci_8317	554 G/A
UN_ci_8317	584 A/G
UN_ci_8317	613 T/C
UN_ci_8317	638 C/T
UN_ci_8317	668 G/A
UN_ci_8317	736 G/A
UN_ci_8317	815 A/C
UN_ci_8317	836 C/T
UN_ci_8317	869 T/C
UN_ci_8317	910 T/C
UN_ci_8317	930 A/G
UN_ci_8317	951 T/C
UN_ci_8317	973 A/G
UN_ci_8317	998 G/C
UN_ci_8317	1036 G/A
UN_ci_8318	91 C/T
UN_ci_8319	143 G/A
UN_ci_8319	166 A/G
UN_ci_8319	720 A/T
UN_ci_8320	242 C/T
UN_ci_8321	122 A/C
UN_ci_8321	226 A/C
UN_ci_8321	252 C/T
UN_ci_8321	356 A/G
UN_ci_8321	443 T/C
UN_ci_8321	835 A/C
UN_ci_8322	221 C/A
UN_ci_8322	664 T/C
UN_ci_8322	972 G/A
UN_ci_8323	129 T/C
UN_ci_8323	194 T/C

Draft

UN_ci_8323	325 C/T
UN_ci_8323	463 C/T
UN_ci_8324	109 T/C
UN_ci_8324	145 A/G
UN_ci_8324	180 T/C
UN_ci_8324	206 C/T
UN_ci_8324	267 T/C
UN_ci_8324	287 C/T
UN_ci_8324	345 T/C
UN_ci_8324	399 T/C
UN_ci_8324	455 A/C
UN_ci_8324	484 T/C
UN_ci_8324	627 A/G
UN_ci_8324	654 G/T
UN_ci_8324	691 A/G
UN_ci_8324	790 A/C
UN_ci_8324	832 C/T
UN_ci_8325	90 C/T
UN_ci_8325	368 A/C
UN_ci_8327	484 A/G
UN_ci_8328	465 C/G
UN_ci_8328	760 T/C
UN_ci_8328	844 T/A
UN_ci_8328	1074 G/A
UN_ci_8328	1362 A/G
UN_ci_8328	1510 C/T
UN_ci_8328	1571 C/T
UN_ci_8328	1666 T/C
UN_ci_8329	192 A/G
UN_ci_8330	443 G/A
UN_ci_8330	1030 A/G
UN_ci_8330	1234 C/T
UN_ci_8332	474 C/A
UN_ci_8332	536 A/G
UN_ci_8332	1168 A/G
UN_ci_8334	94 A/G
UN_ci_8334	121 A/G
UN_ci_8335	275 C/A
UN_ci_8338	369 C/T
UN_ci_8338	405 C/T
UN_ci_8338	521 C/T
UN_ci_8338	546 C/T
UN_ci_8338	1057 A/T
UN_ci_8338	1100 T/A
UN_ci_8339	204 A/T
UN_ci_8339	533 T/C
UN_ci_8339	613 T/C
UN_ci_8339	763 T/C
UN_ci_8339	806 A/G
UN_ci_8340	211 A/T

Draft

UN_ci_8343	145 T/C
UN_ci_8343	169 C/T
UN_ci_8343	252 T/C
UN_ci_8343	295 T/C
UN_ci_8343	375 A/G
UN_ci_8343	423 A/G
UN_ci_8343	458 A/C
UN_ci_8343	490 T/C
UN_ci_8343	540 C/T
UN_ci_8343	564 A/G
UN_ci_8343	649 A/G
UN_ci_8343	670 T/C
UN_ci_8343	730 A/G
UN_ci_8343	756 A/G
UN_ci_8343	810 A/T
UN_ci_8343	831 G/A
UN_ci_8344	26 G/C
UN_ci_8344	87 T/C
UN_ci_8344	203 A/G
UN_ci_8344	422 T/C
UN_ci_8344	456 C/T
UN_ci_8344	925 G/T
UN_ci_8344	1101 A/G
UN_ci_8344	1226 T/C
UN_ci_8345	484 A/G
UN_ci_8345	664 A/G
UN_ci_8345	694 G/A
UN_ci_8345	936 G/A
UN_ci_8345	1103 A/G
UN_ci_8345	1275 A/G
UN_ci_8345	1315 G/T
UN_ci_8346	481 A/T
UN_ci_8346	531 A/G
UN_ci_8346	558 G/A
UN_ci_8346	662 A/G
UN_ci_8346	712 A/G
UN_ci_8346	770 A/G
UN_ci_8346	802 C/T
UN_ci_8346	826 A/G
UN_ci_8346	860 T/C
UN_ci_8346	888 A/G
UN_ci_8346	935 A/C
UN_ci_8346	955 T/C
UN_ci_8346	995 T/C
UN_ci_8346	1024 A/G
UN_ci_8346	1079 C/T
UN_ci_8346	1108 A/G
UN_ci_8346	1140 A/T
UN_ci_8346	1160 A/G
UN_ci_8346	1183 T/A

Draft

UN_ci_8346	1213 T/C
UN_ci_8346	1233 C/G
UN_ci_8346	1254 T/G
UN_ci_8346	1277 C/T
UN_ci_8346	1299 G/A
UN_ci_8346	1321 G/A
UN_ci_8346	1349 C/T
UN_ci_8346	1370 A/G
UN_ci_8346	1405 A/G
UN_ci_8346	1428 T/C
UN_ci_8346	1464 G/A
UN_ci_8346	1495 C/T
UN_ci_8346	1518 C/A
UN_ci_8346	1538 A/G
UN_ci_8346	1567 A/G
UN_ci_8346	1587 T/C
UN_ci_8346	1622 C/T
UN_ci_8346	1646 T/C
UN_ci_8346	1670 T/C
UN_ci_8346	1717 T/C
UN_ci_8346	1815 T/A
UN_ci_8346	1884 A/T
UN_ci_8346	1920 A/G
UN_ci_8346	1950 G/T
UN_ci_8346	1995 T/C
UN_ci_8346	2017 C/T
UN_ci_8346	2095 A/G
UN_ci_8346	2138 C/G
UN_ci_8346	2242 G/A
UN_ci_8346	2272 A/G
UN_ci_8346	2327 T/C
UN_ci_8346	2390 A/G
UN_ci_8346	2429 G/A
UN_ci_8346	2544 T/C
UN_ci_8346	2703 A/G
UN_ci_8346	2755 G/A
UN_ci_8346	2786 A/G
UN_ci_8346	2817 T/C
UN_ci_8346	2879 A/G
UN_ci_8346	2902 C/T
UN_ci_8346	2922 A/G
UN_ci_8346	2949 A/G
UN_ci_8347	102 G/T
UN_ci_8347	122 C/T
UN_ci_8347	457 T/C
UN_ci_8347	789 G/T
UN_ci_8348	359 C/A
UN_ci_8348	1413 C/T
UN_ci_8350	249 T/A
UN_ci_8353	165 C/T

Draft

UN_ci_8353	289 T/C
UN_ci_8356	374 C/T
UN_ci_8382	153 T/C
UN_ci_8385	430 C/T
UN_ci_8391	91 C/T
UN_ci_8391	131 C/G
UN_ci_8393	315 T/A
UN_ci_8393	651 A/G
UN_ci_8400	828 T/C
UN_ci_8400	1189 T/C
UN_ci_8400	1225 G/A
UN_ci_8400	1343 T/A
UN_ci_8406	469 A/G
UN_ci_8406	586 C/T
UN_ci_8406	1414 G/A
UN_ci_8409	311 G/A
UN_ci_8420	450 T/G
UN_ci_8420	543 T/C
UN_ci_8420	689 A/C
UN_ci_8420	713 A/G
UN_ci_8420	748 A/C
UN_ci_8420	887 T/C
UN_ci_8420	935 A/G
UN_ci_8420	1040 T/C
UN_ci_8420	1071 A/G
UN_ci_8425	583 A/G
UN_ci_8427	9 T/G
UN_ci_8427	455 A/G
UN_ci_8427	531 C/T
UN_ci_8427	1562 C/T
UN_ci_8434	93 A/G
UN_ci_8449	288 T/C
UN_ci_8449	342 T/A
UN_ci_8468	191 C/T
UN_ci_8468	388 T/C
UN_ci_8468	526 A/G
UN_ci_8472	322 G/A
UN_ci_8472	412 T/C
UN_ci_8472	438 A/G
UN_ci_8472	558 C/A
UN_ci_8474	242 A/C
UN_ci_8474	388 T/C
UN_ci_8474	559 T/C
UN_ci_8474	692 A/G
UN_ci_8477	267 G/A
UN_ci_8477	392 A/G
UN_ci_8477	414 A/C
UN_ci_8477	480 G/C
UN_ci_8477	531 A/C
UN_ci_8477	566 C/G

Draft

UN_ci_8477	633 A/G
UN_ci_8477	739 G/A
UN_ci_8477	775 C/T
UN_ci_8477	803 T/G
UN_ci_8477	858 A/G
UN_ci_8477	904 T/C
UN_ci_8477	932 A/G
UN_ci_8477	964 A/G
UN_ci_8477	997 A/G
UN_ci_8477	1022 T/C
UN_ci_8477	1091 T/C
UN_ci_8478	208 G/A
UN_ci_8478	338 G/T
UN_ci_8479	307 G/T
UN_ci_8479	385 G/T
UN_ci_8479	710 T/G
UN_ci_8483	76 A/T
UN_ci_8488	437 C/T
UN_ci_8488	525 A/T
UN_ci_8490	180 A/G
UN_ci_8490	208 A/G
UN_ci_8490	233 A/G
UN_ci_8490	254 A/G
UN_ci_8490	282 T/C
UN_ci_8490	306 A/G
UN_ci_8490	326 C/T
UN_ci_8490	351 T/C
UN_ci_8490	378 T/C
UN_ci_8490	400 C/T
UN_ci_8490	420 T/C
UN_ci_8490	443 C/T
UN_ci_8490	464 G/A
UN_ci_8490	484 G/C
UN_ci_8490	507 A/G
UN_ci_8490	527 C/T
UN_ci_8490	547 T/C
UN_ci_8490	567 G/A
UN_ci_8490	587 C/T
UN_ci_8490	607 T/C
UN_ci_8490	628 A/G
UN_ci_8490	650 A/G
UN_ci_8490	670 T/C
UN_ci_8490	693 C/T
UN_ci_8490	713 A/G
UN_ci_8490	735 T/C
UN_ci_8490	758 T/C
UN_ci_8490	778 G/A
UN_ci_8490	799 A/G
UN_ci_8490	820 C/T
UN_ci_8490	840 C/T

Draft

UN_ci_8490	865 G/A
UN_ci_8490	891 C/T
UN_ci_8490	915 A/G
UN_ci_8490	936 C/A
UN_ci_8490	956 G/A
UN_ci_8490	976 G/C
UN_ci_8490	996 G/A
UN_ci_8490	1016 A/G
UN_ci_8490	1039 A/G
UN_ci_8490	1067 T/C
UN_ci_8490	1092 T/C
UN_ci_8493	70 T/C
UN_ci_8493	92 G/A
UN_ci_8493	129 T/A
UN_ci_8493	171 C/T
UN_ci_8493	236 T/C
UN_ci_8493	288 G/A
UN_ci_8493	366 G/A
UN_ci_8493	682 C/A
UN_ci_8499	235 A/G
UN_ci_8500	691 T/C
UN_ci_8506	589 T/C
UN_ci_8506	963 T/C
UN_ci_8506	1053 A/T
UN_ci_8506	1112 G/T
UN_ci_8507	530 A/G
UN_ci_8507	662 A/G
UN_ci_8507	787 A/T
UN_ci_8513	152 A/G
UN_ci_8513	199 A/G
UN_ci_8513	220 T/C
UN_ci_8513	400 G/A
UN_ci_8513	451 A/T
UN_ci_8513	479 G/T
UN_ci_8513	499 C/T
UN_ci_8513	596 G/A
UN_ci_8513	659 A/C
UN_ci_8513	685 A/G
UN_ci_8517	491 A/C
UN_ci_8519	714 C/T
UN_ci_8519	821 T/C
UN_ci_8519	882 T/C
UN_ci_8519	929 T/C
UN_ci_8520	370 T/C
UN_ci_8520	662 G/A
UN_ci_8520	915 A/G
UN_ci_8520	1001 C/T
UN_ci_8520	1074 G/T
UN_ci_8520	1149 T/C
UN_ci_8520	1278 A/G

UN_ci_8522	387 A/G
UN_ci_8522	839 T/C
UN_ci_8526	220 A/T
UN_ci_8533	167 T/A
UN_ci_8533	302 T/C
UN_ci_8533	661 A/G
UN_ci_8537	1292 A/G
UN_ci_8537	1396 A/C
UN_ci_8537	1520 G/A
UN_ci_8538	341 C/A
UN_ci_8538	555 C/T
UN_ci_8538	588 C/T
UN_ci_8540	439 T/C
UN_ci_8544	278 G/T
UN_ci_8544	359 T/G
UN_ci_8544	382 A/G
UN_ci_8544	403 T/C
UN_ci_8559	495 C/T
UN_ci_8559	615 A/G
UN_ci_8559	775 C/G
UN_ci_8562	418 T/A
UN_ci_8569	431 T/C
UN_ci_8569	625 A/G
UN_ci_8569	656 C/T
UN_ci_8580	151 G/C
UN_ci_8582	218 T/G
UN_ci_8582	856 C/A
UN_ci_8595	190 G/T
UN_ci_8595	932 A/G
UN_ci_8595	1096 G/C
UN_ci_8595	1200 T/C
UN_ci_8595	1544 A/T
UN_ci_8596	190 G/C
UN_ci_8596	366 G/T
UN_ci_8596	555 C/T
UN_ci_8598	164 G/T
UN_ci_8598	189 G/T
UN_ci_8605	554 C/T
UN_ci_8605	800 C/G
UN_ci_8606	404 T/C
UN_ci_8606	497 A/G
UN_ci_8607	205 C/T
UN_ci_8607	274 G/C
UN_ci_8607	382 C/T
UN_ci_8607	414 A/C
UN_ci_8607	503 A/G
UN_ci_8607	601 G/A
UN_ci_8611	493 A/C
UN_ci_8611	562 G/A
UN_ci_8611	609 G/A

Draft

UN_ci_8611	630 G/T
UN_ci_8611	863 G/A
UN_ci_8612	359 A/G
UN_ci_8612	380 T/A
UN_ci_8612	402 G/A
UN_ci_8612	426 C/T
UN_ci_8612	446 T/C
UN_ci_8612	471 T/C
UN_ci_8612	493 A/G
UN_ci_8612	515 C/T
UN_ci_8612	542 T/C
UN_ci_8612	568 A/G
UN_ci_8612	590 T/A
UN_ci_8612	610 C/T
UN_ci_8612	630 T/A
UN_ci_8612	654 A/G
UN_ci_8612	675 C/T
UN_ci_8612	695 G/A
UN_ci_8612	719 T/C
UN_ci_8612	748 C/T
UN_ci_8612	770 T/C
UN_ci_8612	793 C/T
UN_ci_8612	822 A/C
UN_ci_8612	846 A/G
UN_ci_8612	867 G/A
UN_ci_8612	892 A/G
UN_ci_8612	912 A/G
UN_ci_8612	933 A/C
UN_ci_8612	961 G/A
UN_ci_8612	984 A/G
UN_ci_8612	1019 A/G
UN_ci_8612	1057 C/G
UN_ci_8612	1135 C/G
UN_ci_8612	1164 G/T
UN_ci_8612	1396 A/T
UN_ci_8612	1425 G/C
UN_ci_8612	1458 T/A
UN_ci_8612	1494 T/A
UN_ci_8612	1547 A/G
UN_ci_8614	73 G/A
UN_ci_8614	538 G/A
UN_ci_8618	348 C/A
UN_ci_8618	490 C/G
UN_ci_8618	707 A/G
UN_ci_8618	772 A/G
UN_ci_8618	871 A/T
UN_ci_8618	898 A/G
UN_ci_8618	1037 A/C
UN_ci_8618	1090 G/A
UN_ci_8618	1151 G/A

UN_ci_8618	1243 A/T
UN_ci_8618	1272 C/A
UN_ci_8618	1561 G/A
UN_ci_8618	1684 G/A
UN_ci_8618	2055 G/A
UN_ci_8618	2182 T/C
UN_ci_8618	2264 T/A
UN_ci_8626	488 C/T
UN_ci_8635	437 A/T
UN_ci_8635	480 A/G
UN_ci_8635	521 T/C
UN_ci_8635	643 A/G
UN_ci_8635	692 A/T
UN_ci_8635	731 C/A
UN_ci_8635	860 T/G
UN_ci_8636	41 T/A
UN_ci_8636	502 G/T
UN_ci_8638	350 G/A
UN_ci_8638	433 C/T
UN_ci_8638	508 A/G
UN_ci_8638	571 T/C
UN_ci_8638	648 A/G
UN_ci_8643	9 T/G
UN_ci_8643	42 C/G
UN_ci_8643	228 A/G
UN_ci_8643	447 T/C
UN_ci_8644	150 A/G
UN_ci_8644	219 A/T
UN_ci_8646	299 A/G
UN_ci_8646	591 T/A
UN_ci_8646	650 G/T
UN_ci_8646	787 G/A
UN_ci_8647	106 C/T
UN_ci_8651	211 G/A
UN_ci_8651	357 G/C
UN_ci_8651	617 T/C
UN_ci_8651	753 T/C
UN_ci_8652	109 A/T
UN_ci_8652	228 C/T
UN_ci_8654	40 T/G
UN_ci_8660	6 G/A
UN_ci_8660	40 T/A
UN_ci_8661	717 G/A
UN_ci_8668	117 C/T
UN_ci_8668	371 T/C
UN_ci_8669	98 G/A
UN_ci_8669	402 G/C
UN_ci_8669	490 A/G
UN_ci_8669	713 A/T
UN_ci_8669	760 C/G

Draft

UN_ci_8675	530 A/C
UN_ci_8676	356 C/T
UN_ci_8679	161 A/C
UN_ci_8679	216 C/T
UN_ci_8679	239 T/C
UN_ci_8679	277 A/G
UN_ci_8679	378 T/C
UN_ci_8679	398 A/G
UN_ci_8679	442 T/C
UN_ci_8679	519 A/G
UN_ci_8679	565 T/C
UN_ci_8685	533 A/G
UN_ci_8685	745 C/T
UN_ci_8687	88 A/C
UN_ci_8687	316 A/G
UN_ci_8687	516 C/T
UN_ci_8688	500 T/C
UN_ci_8688	551 T/C
UN_ci_8692	241 C/G
UN_ci_8692	771 A/G
UN_ci_8699	430 T/C
UN_ci_8699	491 T/C
UN_ci_8699	574 T/G
UN_ci_8699	606 A/G
UN_ci_8699	665 C/T
UN_ci_8704	134 A/C
UN_ci_8704	242 G/T
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UN_ci_8705	29 C/T
UN_ci_8705	373 G/A
UN_ci_8708	413 A/G
UN_ci_8708	567 G/A
UN_ci_8708	635 C/T
UN_ci_8708	723 A/G
UN_ci_8708	816 A/G
UN_ci_8708	871 C/T
UN_ci_8708	898 T/C
UN_ci_8711	127 C/T
UN_ci_8717	211 G/A
UN_ci_8717	234 A/G
UN_ci_8717	304 A/G
UN_ci_8717	349 G/A
UN_ci_8718	482 T/C
UN_ci_8718	549 A/G
UN_ci_8725	391 T/C
UN_ci_8736	478 A/T
UN_ci_8736	571 A/C
UN_ci_8736	709 G/T
UN_ci_8736	748 G/A
UN_ci_8736	825 T/C

Draft

UN_ci_8736	863 A/C
UN_ci_8739	370 C/T
UN_ci_8739	973 T/C
UN_ci_8740	532 C/T
UN_ci_8744	485 A/G
UN_ci_8744	568 T/C
UN_ci_8744	595 T/C
UN_ci_8744	860 C/T
UN_ci_8744	887 A/T
UN_ci_8744	910 A/G
UN_ci_8744	976 T/C
UN_ci_8744	1046 C/T
UN_ci_8744	1102 T/C
UN_ci_8744	1266 A/G
UN_ci_8744	1327 G/A
UN_ci_8752	658 C/A
UN_ci_8757	338 G/T
UN_ci_8757	775 T/A
UN_ci_8758	67 G/T
UN_ci_8758	123 A/G
UN_ci_8764	796 C/T
UN_ci_8765	395 A/C
UN_ci_8767	133 C/T
UN_ci_8768	149 C/A
UN_ci_8768	374 T/C
UN_ci_8768	593 T/C
UN_ci_8771	332 G/A
UN_ci_8771	459 T/C
UN_ci_8771	761 C/A
UN_ci_8785	185 T/C
UN_ci_8785	304 G/A
UN_ci_8785	633 C/A
UN_ci_8785	750 C/T
UN_ci_8785	1235 C/A
UN_ci_8786	125 G/T
UN_ci_8788	52 T/C
UN_ci_8788	154 A/G
UN_ci_8788	260 T/C
UN_ci_8788	297 T/C
UN_ci_8788	344 T/C
UN_ci_8788	460 T/G
UN_ci_8788	507 T/C
UN_ci_8788	564 A/G
UN_ci_8788	670 T/C
UN_ci_8788	748 C/G
UN_ci_8789	237 A/C
UN_ci_8792	349 T/A
UN_ci_8792	400 G/A
UN_ci_8792	440 T/A
UN_ci_8792	529 A/T

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UN_ci_8792	564 C/T
UN_ci_8792	590 G/A
UN_ci_8794	904 A/C
UN_ci_8794	1228 T/G
UN_ci_8799	32 A/G
UN_ci_8799	61 T/A
UN_ci_8799	171 T/A
UN_ci_8806	328 G/A
UN_ci_8806	490 A/G
UN_ci_8806	522 C/T
UN_ci_8806	598 C/A
UN_ci_8806	661 T/C
UN_ci_8815	9 A/G
UN_ci_8815	76 A/C
UN_ci_8815	283 G/A
UN_ci_8815	314 A/C
UN_ci_8815	478 G/A
UN_ci_8815	557 C/T
UN_ci_8815	625 T/C
UN_ci_8815	675 A/G
UN_ci_8815	747 T/C
UN_ci_8815	785 C/A
UN_ci_8815	889 T/A
UN_ci_8815	977 G/A
UN_ci_8815	1032 C/T
UN_ci_8815	1134 T/C
UN_ci_8815	1450 A/C
UN_ci_8815	1636 C/T
UN_ci_8815	1731 A/G
UN_ci_8816	171 G/A
UN_ci_8816	199 A/G
UN_ci_8816	413 C/T
UN_ci_8816	631 G/T
UN_ci_8816	656 A/G
UN_ci_8816	790 G/T
UN_ci_8816	829 T/C

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