

**Supplementary Table 1:** Differentially expressed genes (DEGs) after clustering analysis. (FDR < 0.005):

ProbeName	Corrected P-value (FDR)	Fold change (FC)	Target genes	Genes	Species
TC116584	0.0006709652	12.450.503	Salmo salar Angiotensinogen (angt), mRNA		
TC127832	0.0006709652	14.224.849			
CUST_27482_PI425536763	0.0006709652	12.209.071	60S ribosomal protein L22	<i>RPL22</i>	<i>Tripneustes gratilla</i>
TC113396	0.0006709652	13.607.246	Small ubiquitin-related modifier 3	<i>Sumo3</i>	<i>Rattus norvegicus</i>
TC117387	0.0006709652	12.348.171	Protein FAM96A	<i>FAM96A</i>	<i>Homo sapiens</i>
TC97840	0.0006709652	12.596.601	COMM domain-containing protein 9	<i>Commd9</i>	<i>Mus musculus</i>
CUST_5418_PI425536763	0.0006709652	12.441.223	Kinesin-1 heavy chain	<i>Kif5b</i>	<i>Rattus norvegicus</i>
CUST_7684_PI425536763	0.0006709652	13.772.916	Survival motor neuron protein 1	<i>smn1</i>	<i>Danio rerio</i>
TC115617	0.0006709652	12.421.099	Ribonucleoside-diphosphate reductase subunit M2	<i>rrm2</i>	<i>Danio rerio</i>
TC98332	0.00067636237	1.285.613	Proteasome subunit alpha type-1	<i>PSMA1</i>	<i>Homo sapiens</i>
CUST_7124_PI425536763	0.00067636237	12.592.363	Transmembrane protein 188	<i>tmem188</i>	<i>Xenopus tropicalis</i>
TC113399	0.0006988806	1.241.834	28S ribosomal protein S6, mitochondrial	<i>MRPS6</i>	<i>Gallus gallus</i>
TC123235	0.00071958755	12.675.402	Transmembrane protein 147	<i>tmem147</i>	<i>Danio rerio</i>
TC108772	0.0007342262	14.615.225	Sodium/glucose cotransporter 5	<i>Slc5a10</i>	<i>Mus musculus</i>

CUST_10524_PI425536763	0.0007342262	2.032.003	Cyclin-dependent kinases regulatory subunit 2	<i>cks2</i>	<i>Xenopus laevis</i>
TC120489	0.0008146036	1.258.183	Cullin-3-B	<i>cul3b</i>	<i>Xenopus laevis</i>
TC112733	0.0008146036	12.564.634	Salmo salar Elongation factor 1-gamma (ef1g), mRNA		
CUST_27948_PI425536763	0.0008146036	12.200.857	Ribonuclease H2 subunit C	<i>RNASEH2C</i>	<i>Homo sapiens</i>
TC95767	0.0008146036	12.239.988			
CUST_7091_PI425536763	0.0008146036	13.239.347	Ribonucleoside-diphosphate reductase subunit M2	<i>rrm2</i>	<i>Danio rerio</i>
TC116856	0.0008146036	11.316.484	Salmo salar Guanine nucleotide-binding protein Gi, alpha-2 subunit (gnai2), mRNA		
TC108169	0.0008146036	12.442.539	Tubulin-specific chaperone A	<i>TBCA</i>	<i>Gallus gallus</i>
TC109621	0.00086874934	15.360.245	hypothetical protein LOC558400 [Danio rerio]		
TC107285	0.00086874934	14.306.825	Heat shock protein beta-11	<i>HSPB11</i>	<i>Homo sapiens</i>
CUST_2473_PI425536763	0.0010127886	12.387.373	CKLF-like MARVEL transmembrane domain-containing protein 3	<i>Cmtm3</i>	<i>Mus musculus</i>
CUST_3547_PI425536763	0.0011681246	12.953.684	Actin-related protein 2/3 complex subunit 4	<i>Arpc4</i>	<i>Mus musculus</i>
CUST_5189_PI425536763	0.0011925956	13.420.447	14-3-3 protein zeta	<i>YWHAZ</i>	<i>Gallus gallus</i>
TC114145	0.001256112	12.192.376	ADP-sugar pyrophosphatase	<i>Nudt5</i>	<i>Rattus norvegicus</i>
CUST_458_PI425536763	0.001256112	13.883.355	Ras-related protein Rab-26	<i>Rab26</i>	<i>Mus musculus</i>

TC123133	0.001256112	14.643.782	Salmo salar Grancalcin (gran), mRNA		
TC110296	0.001256112	13.120.961	Activator of 90 kDa heat shock protein ATPase homolog 1	<i>Ahsa1</i>	<i>Mus musculus</i>
CUST_27651_P1425536763	0.001256112	12.899.228	Cyclin-dependent kinases regulatory subunit 2	<i>cks2</i>	<i>Xenopus laevis</i>
CUST_2719_P1425536763	0.001256112	1.360.684	PCNA-associated factor	<i>PAF</i>	<i>Homo sapiens</i>
TC106615	0.001256112	13.231.639	KH domain-containing, RNA-binding, signal transduction-associated protein 1	<i>KHDRBS1</i>	<i>Gallus gallus</i>
CUST_3212_P1425536763	0.001256112	14.304.339	Nuclear factor 1 X-type	<i>Nfix</i>	<i>Mus musculus</i>
TC105721	0.001256112	12.822.274	Proteasome subunit alpha type-7	<i>psma7</i>	<i>Carassius auratus</i>
TC114593	0.001256112	11.803.322			
TC96377	0.001256112	12.444.061	Salmo salar HCLS1-associated protein X-1 (hax1), mRNA		
CUST_10504_P1425536763	0.0012785832	12.206.391	Transcription factor BTF3 homolog 4	<i>BTF3L4</i>	<i>Bos taurus</i>
TC105207	0.0012937193	12.472.556	Membrane magnesium transporter 1	<i>mmgt1</i>	<i>Danio rerio</i>
TC104703	0.0013321775	12.282.394	Oncorhynchus mykiss Transcription initiation factor TFIID subunit 10 (taf10), mRNA		
CUST_3450_P1425536763	0.0013776717	12.280.413	MAP/microtubule affinity-regulating kinase 3	<i>Mark3</i>	<i>Mus musculus</i>
CUST_13590_P1425536763	0.0013776717	12.307.589	(sp:Q8AV19) UPF0308 protein C9orf21 homolog OS=Takifugu rubripes PE=3 SV=1		

CUST_6471_PI425536763	0.0013776717	14.678.783	Ras-related protein Rab-7a	<i>RAB7A</i>	<i>Bos taurus</i>
CUST_1722_PI425536763	0.0013776717	12.230.961	Vacuolar protein sorting-associated protein 37D	<i>VPS37D</i>	<i>Homo sapiens</i>
TC111134	0.0013776717	12.805.731	Salmo salar Spondin-2 (spon2), mRNA		
TC100037	0.0013776717	12.709.936			
TC114813	0.0013776717	11.780.592	Coatomer subunit zeta-2	<i>COPZ2</i>	<i>Homo sapiens</i>
TC104626	0.0013796448	12.773.933	Peptidyl-prolyl cis-trans isomerase-like 1	<i>Ppil1</i>	<i>Mus musculus</i>
TC102292	0.0013920495	12.913.839	60S acidic ribosomal protein P2	<i>RPLP2</i>	<i>Equus caballus</i>
CUST_10523_PI425536763	0.0013920495	1.264.733	Zinc finger protein 726	<i>ZNF726</i>	<i>Homo sapiens</i>
CUST_19960_PI425536763	0.0014140729	12.126.522	Mpv17-like protein 2	<i>mpv17l2</i>	<i>Danio rerio</i>
CUST_2118_PI425536763	0.0014140729	12.970.264	Gamma-secretase subunit PEN-2	<i>psenen</i>	<i>Danio rerio</i>
CUST_28234_PI425536763	0.0014327203	13.842.036	(sp:P41384) Cyclin-dependent kinases regulatory subunit OS=Patella vulgata PE=3 SV=1		
TC99261	0.0014327203	11.572.205	Centrin-1	<i>CETN1</i>	<i>Bos taurus</i>
TC98500	0.0014327203	13.779.627	Signal peptidase complex catalytic subunit SEC11A	<i>SEC11A</i>	<i>Pongo abelii</i>
TC102476	0.0014327203	14.697.872	(sp:Q9CQ86) Uncharacterized protein C17orf37 homolog OS=Mus musculus PE=2 SV=1		
CUST_23945_PI425536763	0.0014440033	12.074.066	Signal recognition particle 14 kDa protein	<i>SRP14</i>	<i>Pongo abelii</i>
TC105510	0.0014543224	1.301.748	Centromere protein K	<i>Cenpk</i>	<i>Mus musculus</i>
TC113470	0.0014543224	1.270.399			

CUST_28056_PI425536763	0.0014543224	13.462.394	Proteasome assembly chaperone 3	<i>PSMG3</i>	<i>Homo sapiens</i>
TC127737	0.0014543224	13.715.967			
TC126729	0.0014543224	12.353.086	Salmo salar Membrane-spanning 4-domains subfamily A member 4A (m4a4a), mRNA		
CUST_13717_PI425536763	0.0014543224	1.191.845	Ovarian cancer-associated gene 2 protein homolog	<i>ovca2</i>	<i>Danio rerio</i>
CUST_5701_PI425536763	0.0014543224	12.524.904	Leucine-rich glioma-inactivated protein 1	<i>Lgi1</i>	<i>Rattus norvegicus</i>
TC113362	0.0014543224	13.894.184	DNA-directed RNA polymerase II subunit RPB7	<i>polr2g</i>	<i>Danio rerio</i>
TC106154	0.0014543224	1.224.248	Salmo salar Securin (pttg1), mRNA		
CUST_10944_PI425536763	0.0014543224	1.297.541	Peptidyl-prolyl cis-trans isomerase-like 1	<i>Ppil1</i>	<i>Mus musculus</i>
CUST_16524_PI425536763	0.0014543224	12.857.344	Zinc finger protein 362	<i>ZNF362</i>	<i>Homo sapiens</i>
TC105286	0.0014543224	12.316.867	39S ribosomal protein L40, mitochondrial	<i>Mrpl40</i>	<i>Rattus norvegicus</i>
CUST_5675_PI425536763	0.0014543224	14.906.367	ATP synthase lipid-binding protein, mitochondrial	<i>ATP5G3</i>	<i>Bos taurus</i>
TC131712	0.0014543224	11.495.535			
CUST_181_PI425536763	0.0014543224	12.043.903	NEDD8	<i>Nedd8</i>	<i>Drosophila melanogaster</i>
TC126800	0.0014543224	12.022.156			
TC111044	0.0014543224	12.755.783	Phosphatidylinositol N-acetylglucosaminyltransferase subunit H	<i>Pigh</i>	<i>Mus musculus</i>

TC127909	0.0014543224	12.225.562	(sp:P35072) Transposable element Tcb1 transposase OS=Caenorhabditis briggsae PE=3 SV=1		
TC131933	0.0014543224	15.340.493			
TC118587	0.0014543224	12.259.965	Metastasis-associated protein MTA1	<i>MTA1</i>	<i>Homo sapiens</i>
TC98065	0.0014543224	13.120.371	Immediate early response 3-interacting protein 1	<i>ier3ip1</i>	<i>Xenopus laevis</i>
CUST_14328_P1425536763	0.0014543224	12.796.313	Monocarboxylate transporter 9	<i>Slc16a9</i>	<i>Mus musculus</i>
TC105055	0.0014543224	12.241.048			
TC116602	0.0014543224	12.621.448	Oncorhynchus mykiss Charged multivesicular body protein 3 (chmp3), mRNA		
CUST_11_P1425708691	0.0014543224	12.365.195	Histone H3-like centromeric protein A	<i>cenpa</i>	<i>Danio rerio</i>
CUST_19607_P1425536763	0.0014543224	12.299.716	Coiled-coil domain-containing protein 88B	<i>CCDC88B</i>	<i>Homo sapiens</i>
TC104882	0.0014543224	12.120.118	Sentrin-specific protease 8	<i>Senp8</i>	<i>Rattus norvegicus</i>
CUST_19657_P1425536763	0.0014543224	12.584.308	Probable methylcytosine dioxygenase TET3	<i>Tet3</i>	<i>Mus musculus</i>
TC105230	0.0014543224	13.516.798	Danio rerio zgc:194768 (zgc:194768), mRNA		
TC101931	0.0014543224	2.805.529	Golgi apparatus protein 1	<i>GLG1</i>	<i>Gallus gallus</i>
CUST_4907_P1425536763	0.0014543224	12.527.223	H/ACA ribonucleoprotein complex subunit 2-like protein	<i>nhp2</i>	<i>Danio rerio</i>

CUST_6082_PI425536763	0.0014543224	11.886.413	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	<i>ssu72</i>	<i>Danio rerio</i>
TC118891	0.0014543224	13.111.701	Phosphoribosyl pyrophosphate synthase-associated protein 2	<i>PRPSAP2</i>	<i>Pongo abelii</i>
TC119149	0.0014543224	12.007.335	Probable signal peptidase complex subunit 2	<i>spcs2</i>	<i>Danio rerio</i>
TC96579	0.0014543224	12.270.538	Small subunit of serine palmitoyltransferase A	<i>ssspta</i>	<i>Salmo salar</i>
TC117491	0.0014543224	1.292.205	CDKN2AIP N-terminal-like protein	<i>CDKN2AIPNL</i>	<i>Bos taurus</i>
CUST_20090_PI425536763	0.0014543224	11.614.493	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit dad1	<i>dad1</i>	<i>Xenopus laevis</i>
CUST_21198_PI425536763	0.0014543224	11.985.503	Homeobox protein Hox-A9b	<i>hoxa9b</i>	<i>Danio rerio</i>
TC125022	0.0014543224	12.425.903	Uncharacterized protein CXorf39 homolog	<i>zgc:101060</i>	<i>Danio rerio</i>
CUST_28619_PI425536763	0.0014543224	12.896.705	MyoD family inhibitor domain-containing protein	<i>MDFIC</i>	<i>Homo sapiens</i>
TC113974	0.0014543224	12.799.823			
TC101416	0.0014543224	13.098.221	FUN14 domain-containing protein 1	<i>fundc1</i>	<i>Tetraodon nigroviridis</i>
TC120304	0.0014543224	12.010.765			
TC105833	0.0014543224	12.951.467	Cell division control protein 42 homolog	<i>Cdc42</i>	<i>Mus musculus</i>
TC101927	0.0014543224	12.101.265			
TC105776	0.0014543224	13.171.076	Replication factor C subunit 2	<i>RFC2</i>	<i>Homo sapiens</i>

CUST_4490_PI425536763	0.001461194	15.279.876	Vacuolar protein sorting-associated protein 4A	<i>Vps4a</i>	<i>Rattus norvegicus</i>
TC106912	0.001461194	12.451.154	Protein max	<i>max</i>	<i>Danio rerio</i>
CUST_17602_PI425536763	0.001461194	11.797.323	E3 ubiquitin-protein ligase HECTD1	<i>HECTD1</i>	<i>Homo sapiens</i>
CUST_23106_PI425536763	0.001461194	12.676.985	Transcription initiation factor TFIID subunit 10	<i>Taf10</i>	<i>Mus musculus</i>
CUST_20991_PI425536763	0.0014675169	14.852.761	Homeobox protein Hox-C11a	<i>hoxc11a</i>	<i>Takifugu rubripes</i>
TC115619	0.0015150206	12.766.024	Metastasis-associated protein MTA1	<i>Mta1</i>	<i>Mus musculus</i>
TC108010	0.0015150206	11.055.161	Nuclease-sensitive element-binding protein 1	<i>Ybx1</i>	<i>Rattus norvegicus</i>
TC118412	0.0015150206	12.705.996	FUN14 domain-containing protein 1	<i>fundc1</i>	<i>Tetraodon nigroviridis</i>
CUST_27893_PI425536763	0.0015150206	13.161.302	Polyglutamine-binding protein 1	<i>PQBP1</i>	<i>Bos taurus</i>
CUST_7610_PI425536763	0.0015150206	11.585.898	Glucosamine-6-phosphate isomerase 2	<i>Gnpda2</i>	<i>Mus musculus</i>
TC101789	0.0015150206	13.956.093	Cyclin-dependent kinases regulatory subunit 1	<i>Cks1b</i>	<i>Mus musculus</i>
TC111217	0.0015150206	12.703.687	Histone H2A.V	<i>h2afv</i>	<i>Xenopus tropicalis</i>
TC102042	0.0015150206	11.732.944	39S ribosomal protein L37, mitochondrial	<i>MRPL37</i>	<i>Gallus gallus</i>
CUST_496_PI425536763	0.0015150206	13.929.133	Protein lin-37 homolog	<i>Lin37</i>	<i>Mus musculus</i>
CUST_8525_PI425536763	0.0015150206	12.926.227	ATP synthase lipid-binding protein, mitochondrial	<i>ATP5G1</i>	<i>Ovis aries</i>
CUST_14012_PI425536763	0.0015150206	12.493.812	Phosphatidylinositol N-acetylglucosaminyltransferase subunit H	<i>PIGH</i>	<i>Homo sapiens</i>
TC105393	0.0015150206	11.612.335	Securin	<i>Pttg1</i>	<i>Mus musculus</i>



TC100831	0.0015269537	20.760.942	Protein phosphatase 1L	<i>Ppm1l</i>	<i>Mus musculus</i>
CUST_26581_Pi425536763	0.0015269537	1.245.499	Hypermethylated in cancer 2 protein	<i>hic2</i>	<i>Danio rerio</i>
TC115884	0.0015269537	12.172.726	Serine/threonine-protein phosphatase 4 catalytic subunit B	<i>ppp4cb</i>	<i>Danio rerio</i>
CUST_24902_Pi425536763	0.0015726533	11.418.271	Nucleolar protein 16	<i>nop16</i>	<i>Danio rerio</i>
CUST_19212_Pi425536763	0.0015726533	13.220.282	Transmembrane protein 108	<i>Tmem108</i>	<i>Mus musculus</i>
TC125252	0.0015726533	13.827.248			
TC103375	0.0015726533	12.190.312	Nucleolar protein 16	<i>nop16</i>	<i>Tetraodon nigroviridis</i>
CUST_24265_Pi425536763	0.0015774239	12.572.917	Leucine-rich repeat-containing protein C10orf11	<i>C10orf11</i>	<i>Homo sapiens</i>
CUST_1110_Pi425536763	0.0015919319	12.605.989	HAUS augmin-like complex subunit 2	<i>HAUS2</i>	<i>Homo sapiens</i>
TC128983	0.0015919319	16.727.445	39S ribosomal protein L18, mitochondrial	<i>MRPL18</i>	<i>Bos taurus</i>
CUST_21870_Pi425536763	0.0015919319	11.598.626	Gem-associated protein 5	<i>Gemin5</i>	<i>Mus musculus</i>
CUST_3686_Pi425536763	0.001600456	13.246.359	Glucose 1,6-bisphosphate synthase	<i>Pgm2l1</i>	<i>Mus musculus</i>
TC117122	0.001600456	12.861.042	Oncorhynchus mykiss testis catalytic subunit of cyclic adenosine 3', 5'-monophosphate dependent protein kinase (LOC100136597), mRNA		
TC110921	0.001600456	12.737.347			

TC121100	0.001600456	11.409.512	Oncorhynchus mykiss Histidine triad nucleotide-binding protein 2 (hint2), nuclear gene encoding mitochondrial protein, mRNA		
TC114084	0.001600456	12.167.698	Centromere protein J	<i>CENPJ</i>	<i>Homo sapiens</i>
TC100133	0.001600456	1.174.026	Salmo salar Lathosterol oxidase (sc5d), mRNA		
TC105219	0.001600456	12.613.891	Peptide-N(4)-(N-acetyl-beta-glucosaminy)asparagine amidase	<i>ngly1</i>	<i>Danio rerio</i>
TC109523	0.0016827509	11.930.321	Anaphase-promoting complex subunit 11	<i>Anapc11</i>	<i>Mus musculus</i>
TC104819	0.0017275047	11.775.998	Protein canopy homolog 2	<i>Cnpy2</i>	<i>Mus musculus</i>
TC127093	0.0017489193	12.036.524			
TC113280	0.0017489193	12.843.558	Serine-protein kinase ATM	<i>ATM</i>	<i>Homo sapiens</i>
CUST_3913_P1425536763	0.0017489193	12.409.756	Frizzled-8	<i>Fzd8</i>	<i>Mus musculus</i>
CUST_600_P1425536763	0.0017587149	12.937.528	Probable ATP-dependent RNA helicase DDX49	<i>DDX49</i>	<i>Homo sapiens</i>
CUST_157_P1425536763	0.0017587149	1.266.022	U3 small nucleolar ribonucleoprotein protein IMP3	<i>IMP3</i>	<i>Homo sapiens</i>
TC98323	0.0017587149	13.037.727	Oncorhynchus mykiss YEE9 protein (yee9), mRNA		
CUST_21077_P1425536763	0.001790417	13.387.884	Prefoldin subunit 1	<i>PFDN1</i>	<i>Homo sapiens</i>
CUST_10431_P1425536763	0.001790417	12.648.108	Tctex1 domain-containing protein 2	<i>TCTEX1D2</i>	<i>Bos taurus</i>

TC116217	0.0017952523	13.699.838	Salmo salar Endoplasmic reticulum-Golgi intermediate compartment protein 3 (ergi3), mRNA		
TC101448	0.0017952523	1.218.022	CTP synthase 1	<i>ctps</i>	<i>Danio rerio</i>
CUST_8271_PI425536763	0.0018853409	12.092.285	Complement component 1 Q subcomponent-binding protein, mitochondrial	<i>C1qbp</i>	<i>Rattus norvegicus</i>
TC108328	0.0018955909	1.298.969	ADP-ribosylation factor-like protein 2-binding protein	<i>arl2bp</i>	<i>Danio rerio</i>
TC105516	0.0018955909	13.484.519	DNA polymerase epsilon subunit 4	<i>Pole4</i>	<i>Mus musculus</i>
TC117242	0.0019072444	11.280.754	Transcription factor Sox-17-alpha-A	<i>sox17a-A</i>	<i>Xenopus laevis</i>
TC126959	0.0019149181	17.293.259	Double-stranded RNA-binding protein Staufen homolog 1	<i>STAU1</i>	<i>Homo sapiens</i>
CUST_25934_PI425536763	0.0019149181	1.293.492	Kinesin-like protein KIF1B	<i>Kif1b</i>	<i>Mus musculus</i>
TC112317	0.0019902762	1.573.867	IgGfc-binding protein	<i>FCGBP</i>	<i>Homo sapiens</i>
TC127494	0.002000381	12.186.888	Salmo salar Microtubule-associated protein RP/EB family member 1 (mare1), mRNA		
CUST_232_PI425536763	0.002000381	12.127.805	Putative COBW domain-containing protein 7	<i>CBWD7</i>	<i>Homo sapiens</i>
CUST_27573_PI425536763	0.002000381	13.205.162	U4/U6.U5 small nuclear ribonucleoprotein 27 kDa protein	<i>snrnp27</i>	<i>Xenopus tropicalis</i>

TC108109	0.002000381	12.609.539	Transcription initiation factor TFIID subunit 10	<i>TAF10</i>	<i>Homo sapiens</i>
TC104337	0.002000381	12.543.164	Salmo salar Selenoprotein S (sels), mRNA		
TC115942	0.002000381	12.294.546	Histone RNA hairpin-binding protein	<i>Slbp</i>	<i>Mus musculus</i>
CUST_6241_PI425536763	0.002000381	13.056.201	Calcineurin B homologous protein 2	<i>Chp2</i>	<i>Mus musculus</i>
TC109085	0.002000381	12.633.368	Nucleoredoxin	<i>nxn</i>	<i>Danio rerio</i>
TC108954	0.002007878	12.213.042	Ribonuclease H2 subunit C	<i>RNASEH2C</i>	<i>Homo sapiens</i>
TC128429	0.0020427972	12.348.065	C-X-C chemokine receptor type 4-B	<i>cxcr4-B</i>	<i>Xenopus laevis</i>
CUST_20725_PI425536763	0.0020504138	12.619.796	Mediator of RNA polymerase II transcription subunit 10	<i>med10</i>	<i>Xenopus tropicalis</i>
CUST_7738_PI425536763	0.0020504138	12.670.848	Calcium-binding protein 39	<i>Cab39</i>	<i>Mus musculus</i>
CUST_7085_PI425536763	0.0020659652	1.238.748	Kinesin-like protein KIF3A	<i>KIF3A</i>	<i>Macaca fascicularis</i>
TC100887	0.0020969245	13.154.187	Dual specificity protein phosphatase 12	<i>DUSP12</i>	<i>Homo sapiens</i>
TC111532	0.0020969245	11.808.605	Probable C->U-editing enzyme APOBEC-2	<i>APOBEC2</i>	<i>Homo sapiens</i>
TC114440	0.0020969245	12.151.477	Salmo salar Cytokine receptor-like factor 3 (crf3), mRNA		
CUST_16871_PI425536763	0.0020969245	12.477.494	PRA1 family protein 2	<i>PRAF2</i>	<i>Homo sapiens</i>
TC104620	0.0020969245	11.952.977	Mediator of RNA polymerase II transcription subunit 8	<i>med8</i>	<i>Danio rerio</i>

TC118027	0.0021128035	13.985.553	Salmo salar 1-acyl-sn-glycerol-3-phosphate acyltransferase zeta (plcf), mRNA		
CUST_1238_P1425536763	0.0021128035	12.947.255	Putative N-acetylated-alpha-linked acidic dipeptidase	<i>FOLH1B</i>	<i>Homo sapiens</i>
CUST_1536_P1425536763	0.0021128035	15.041.274	DnaJ homolog subfamily B member 6	<i>DNAJB6</i>	<i>Macaca fascicularis</i>
CUST_20713_P1425536763	0.0021128035	12.609.131	GTPase-activating Rap/Ran-GAP domain-like protein 3	<i>Garnl3</i>	<i>Mus musculus</i>
TC100692	0.0021128035	12.490.038	ADP-ribosylation factor-like protein 2-binding protein	<i>arl2bp</i>	<i>Danio rerio</i>
CUST_4551_P1425536763	0.0021128035	13.322.089	BTB/POZ domain-containing protein 10	<i>Btbd10</i>	<i>Mus musculus</i>
TC95568	0.0021128035	14.335.662	Ankyrin repeat and SOCS box protein 12	<i>ASB12</i>	<i>Homo sapiens</i>
TC120994	0.0021128035	12.604.606	Ubiquitin-like protein 4A	<i>UBL4A</i>	<i>Homo sapiens</i>
CUST_9982_P1425536763	0.0021128035	14.049.265	Signal peptidase complex catalytic subunit SEC11A	<i>SEC11A</i>	<i>Pongo abelii</i>
TC120783	0.0021128035	12.675.862	Salmo salar RMD5 homolog B (rmd5b), mRNA		
CUST_27242_P1425536763	0.0021128035	12.556.547	(sp:P02315) Non-histone chromosomal protein H6 OS=Oncorhynchus mykiss PE=1 SV=2		
CUST_19801_P1425536763	0.0021250127	12.427.694	MBT domain-containing protein 1	<i>Mbtd1</i>	<i>Mus musculus</i>
CUST_21576_P1425536763	0.0021250127	17.483.547	Alpha-actinin-3	<i>ACTN3</i>	<i>Homo sapiens</i>

CUST_866_P1425536763	0.0021250127	13.679.079	Immediate early response 3-interacting protein 1	<i>ier3ip1</i>	<i>Xenopus laevis</i>
TC102511	0.0021250127	13.722.732	HIG1 domain family member 1C	<i>HIGD1C</i>	<i>Homo sapiens</i>
TC111194	0.0021250127	11.662.153			
TC105372	0.0021250127	11.780.584			
CUST_16044_P1425536763	0.0021250127	11.805.795	WAP four-disulfide core domain protein 1	<i>WFDC1</i>	<i>Gallus gallus</i>
TC114624	0.0021262749	11.574.332	Small nuclear ribonucleoprotein E	<i>snrpe</i>	<i>Danio rerio</i>
CUST_7010_P1425536763	0.0021262749	12.461.133	Zinc finger protein 19	<i>ZNF19</i>	<i>Bos taurus</i>
TC102264	0.0021262749	13.711.389	(sp:P35072) Transposable element Tcb1 transposase OS=Caenorhabditis briggsae PE=3 SV=1		
TC99197	0.0021262749	13.128.387	Adenosine deaminase CECR1-A	<i>cecr1a</i>	<i>Danio rerio</i>
TC107355	0.0021270767	13.533.933	Synaptosomal-associated protein 23	<i>Snap23</i>	<i>Rattus norvegicus</i>
TC118173	0.0021270767	1.185.477	PREDICTED: hypothetical protein [Danio rerio]		
CUST_10176_P1425536763	0.0021270767	12.284.123	Protein BTG1	<i>Btg1</i>	<i>Mus musculus</i>
CUST_3389_P1425536763	0.0021381911	11.959.949	Sorting nexin-29	<i>Snx29</i>	<i>Mus musculus</i>
TC95873	0.0021381911	12.597.625	Bola-like protein 3	<i>Bola3</i>	<i>Mus musculus</i>
TC95925	0.0021558441	12.295.586	Probable protein BRICK1	<i>zgc:86903</i>	<i>Danio rerio</i>
TC98806	0.0021985755	11.469.333	Transmembrane emp24 domain-containing protein 10	<i>tmed10</i>	<i>Takifugu rubripes</i>
CUST_7654_P1425536763	0.0022043844	11.397.368	ATP synthase lipid-binding protein, mitochondrial	<i>ATP5G1</i>	<i>Bos taurus</i>

CUST_1127_P1425536763	0.002212373	12.810.175	HAUS augmin-like complex subunit 2	<i>HAUS2</i>	<i>Pongo abelii</i>
TC102444	0.002212373	1.209.135	BTB/POZ domain-containing protein 6-A	<i>btbd6a</i>	<i>Danio rerio</i>
CUST_5447_P1425536763	0.0022395155	11.786.801	ADP-ribosylation factor-like protein 2-binding protein	<i>arl2bp</i>	<i>Danio rerio</i>
TC101718	0.0022395155	12.058.792	Semaphorin-4E	<i>sema4e</i>	<i>Danio rerio</i>
TC96527	0.0022395155	13.452.191	Salmo salar B-cell CLL/lymphoma 7 protein family member B (bcl7b), mRNA		
TC106765	0.0022395155	11.888.291	hypothetical protein LOC792608 [Danio rerio]		
TC95365	0.0022395155	12.311.853	Mps one binder kinase activator-like 2B	<i>MOBKL2B</i>	<i>Homo sapiens</i>
CUST_10316_P1425536763	0.0022395155	12.209.078	Protein FRG1	<i>Frg1</i>	<i>Mus musculus</i>
CUST_14132_P1425536763	0.0022395155	13.961.712	Mitochondrial import receptor subunit TOM34	<i>TOMM34</i>	<i>Homo sapiens</i>
TC95795	0.0022395155	12.838.465	Centrin-3	<i>CETN3</i>	<i>Homo sapiens</i>
CUST_3888_P1425536763	0.0022468157	13.783.344	COBW domain-containing protein 1	<i>Cbwd1</i>	<i>Mus musculus</i>
CUST_13665_P1425536763	0.0022468157	1.195.896	Protein Igg-1	<i>Igg-1</i>	<i>Caenorhabditis elegans</i>
CUST_4135_P1425536763	0.0022468157	11.941.313	Ubiquitin-conjugating enzyme E2 C	<i>Ube2c</i>	<i>Mus musculus</i>
CUST_13799_P1425536763	0.002260817	12.380.309	Proteasome subunit alpha type-1	<i>PSMA1</i>	<i>Gallus gallus</i>
TC98288	0.002260817	1.284.164	Gamma-secretase subunit PEN-2	<i>psenen</i>	<i>Danio rerio</i>
TC105104	0.002260817	12.775.799	Proteasome activator complex subunit 3	<i>PSME3</i>	<i>Gallus gallus</i>

TC126951	0.002260817	12.010.106	Oncorhynchus mykiss YEE9 protein (yee9), mRNA		
TC101561	0.002260817	13.138.232	Oncorhynchus mykiss interleukin 18 (il-18), mRNA		
TC109252	0.002260817	12.553.833	Anthrax toxin receptor 2	<i>ANTXR2</i>	<i>Homo sapiens</i>
CUST_18732_P1425536763	0.0022617092	1.621.515	Dystrophin	<i>DMD</i>	<i>Sus scrofa</i>
TC103472	0.0022617092	13.955.045	28 kDa heat- and acid-stable phosphoprotein	<i>Pdap1</i>	<i>Rattus norvegicus</i>
CUST_26661_P1425536763	0.0022617092	12.934.946	DCN1-like protein 1	<i>Dcun1d1</i>	<i>Mus musculus</i>
CUST_21325_P1425536763	0.0022617092	129.777	BolA-like protein 3	<i>BOLA3</i>	<i>Bos taurus</i>
CUST_5344_P1425536763	0.0022617092	12.142.444	Methyltransferase-like protein 9	<i>METTL9</i>	<i>Homo sapiens</i>
CUST_7673_P1425536763	0.0022617092	11.438.721	Mitogen-activated protein kinase scaffold protein 1	<i>Mapksp1</i>	<i>Mus musculus</i>
TC96406	0.0022617092	11.832.461	Salmo salar CG050 protein (cg050), mRNA		
TC115794	0.0022617092	13.150.692	Zinc finger and BTB domain-containing protein 17 (Fragment)	<i>ZBTB17</i>	<i>Gallus gallus</i>
TC105720	0.0022617092	13.850.474	Transcriptional regulator Myc (Fragment)	<i>myc</i>	<i>Oncorhynchus mykiss</i>
TC117507	0.0022728383	14.086.701	High mobility group protein B3	<i>HMGB3</i>	<i>Homo sapiens</i>
TC119618	0.0022810537	13.351.535			
TC105304	0.0022810537	11.882.437	Cleavage and polyadenylation specificity factor subunit 5	<i>cpsf5</i>	<i>Danio rerio</i>
TC101605	0.0022810537	12.967.658	Enhancer of rudimentary homolog	<i>Erh</i>	<i>Mus musculus</i>



TC108023	0.0022828986	1.296.522	Mitochondrial import inner membrane translocase subunit Tim13	<i>timm13</i>	<i>Danio rerio</i>
TC111052	0.0022828986	12.980.738	Basic leucine zipper and W2 domain-containing protein 1-A	<i>bzw1a</i>	<i>Danio rerio</i>
CUST_3794_Pi425536763	0.0022828986	12.644.262	Leucine-rich glioma-inactivated protein 1	<i>Lgi1</i>	<i>Mus musculus</i>
TC100188	0.0022828986	1.204.239	DCN1-like protein 5	<i>DCUN1D5</i>	<i>Homo sapiens</i>
CUST_6524_Pi425536763	0.0022828986	11.946.105	lyase	<i>APEX1</i>	<i>Bos taurus</i>
CUST_157_Pi425708691	0.0022828986	12.554.123	glucose_transporter_1,		
CUST_12851_Pi425536763	0.0022828986	11.524.988	Neuroplastin	<i>Nptn</i>	<i>Mus musculus</i>
TC124808	0.0022828986	1.190.032	DCN1-like protein 5	<i>DCUN1D5</i>	<i>Homo sapiens</i>
TC114316	0.0022828986	12.223.234	ATP synthase lipid-binding protein, mitochondrial	<i>Atp5g3</i>	<i>Mus musculus</i>
TC127028	0.0022828986	13.640.621			
TC99982	0.0022962342	1.191.771	Protein FAM36A	<i>fam36a</i>	<i>Danio rerio</i>
TC127538	0.0022962342	1.214.796			
TC124035	0.0022962342		Retrovirus-related Pol polyprotein LINE-1	<i>Pol</i>	<i>Mus musculus</i>
CUST_21875_Pi425536763	0.0023072187	11.984.069	Dynein light chain Tctex-type 1	<i>Dynlt1</i>	<i>Mus musculus</i>
CUST_7196_Pi425536763	0.0023131117	13.934.033	Alpha-actinin-2	<i>Actn2</i>	<i>Mus musculus</i>
TC109460	0.0023289844	12.644.029	DNA-directed RNA polymerase II subunit RPB9	<i>POLR2I</i>	<i>Sus scrofa</i>
TC111213	0.0023384471	12.501.669			
CUST_4_Pi425536763	0.0023384471	11.711.085	Transcription factor SOX-13	<i>SOX13</i>	<i>Homo sapiens</i>
CUST_9135_Pi425536763	0.0023384471	13.524.288	Small ubiquitin-related modifier 2-A	<i>sumo2-A</i>	<i>Xenopus laevis</i>
TC104863	0.0023384471	12.543.007	Kinetochore protein Nuf2	<i>nuf2</i>	<i>Danio rerio</i>

CUST_15584_Pi425536763	0.0023384471	11.874.993	Sulfhydryl oxidase 1	<i>QSOX1</i>	<i>Homo sapiens</i>
TC122017	0.0023384471	12.260.135	Protein dpy-30 homolog	<i>DPY30</i>	<i>Homo sapiens</i>
TC110218	0.002402421	13.624.544	Salmo salar CF166 protein (cf166), mRNA		
CUST_1337_Pi425536763	0.002402421	12.633.493	SERTA domain-containing protein 2	<i>Sertad2</i>	<i>Mus musculus</i>
CUST_3766_Pi425536763	0.0024085941	11.534.585	Coronin-1C	<i>Coro1c</i>	<i>Mus musculus</i>
TC102815	0.0024085941	1.208.932	TM2 domain-containing protein 1	<i>tm2d1</i>	<i>Danio rerio</i>
TC103516	0.0024085941	12.225.966			
TC112372	0.0024151807	11.868.236	Salmo salar CB055 protein (cb055), mRNA		
TC107579	0.0024170384	11.876.847			
CUST_7300_Pi425536763	0.0024463905	11.651.373	cAMP-dependent protein kinase type II-alpha regulatory subunit	<i>PRKAR2A</i>	<i>Bos taurus</i>
TC128554	0.0024489926	11.516.443	Salmo salar 26S proteasome non-ATPase regulatory subunit 2 (psmd2), mRNA		
TC102808	0.002450343	13.133.639	Nuclear receptor 2C2-associated protein	<i>nr2c2ap</i>	<i>Danio rerio</i>
CUST_23157_Pi425536763	0.002450343	12.601.448	Centrin-2	<i>Cetn2</i>	<i>Mus musculus</i>
CUST_13457_Pi425536763	0.002450343	1.294.729	Protein mab-21-like 2	<i>mab21l2</i>	<i>Danio rerio</i>
CUST_7141_Pi425536763	0.0024717771	11.985.844	MMS19 nucleotide excision repair protein homolog	<i>MMS19</i>	<i>Homo sapiens</i>
TC105829	0.0024717771	13.519.765	Ras and EF-hand domain-containing protein	<i>rasedf</i>	<i>Danio rerio</i>
TC103282	0.0024717771	12.676.852	PREDICTED: hypothetical protein [Gallus gallus]		

CUST_19050_PI425536763	0.0024860527	12.487.884	Activator of 90 kDa heat shock protein ATPase homolog 1	<i>Ahsa1</i>	<i>Mus musculus</i>
TC112361	0.0024860527	12.251.443	YY1-associated factor 2	<i>YAF2</i>	<i>Homo sapiens</i>
CUST_22686_PI425536763	0.002496448	12.964.092	UPF0608 protein C19orf42	<i>C19orf42</i>	<i>Homo sapiens</i>
CUST_13796_PI425536763	0.002496448	1.295.139	(sp:Q5E943) Uncharacterized protein C1orf43 homolog OS=Bos taurus PE=2 SV=1		
CUST_3339_PI425536763	0.002496448	1.243.213	Transcription initiation factor TFIID subunit 10	<i>TAF10</i>	<i>Homo sapiens</i>
TC118064	0.002496448	13.404.399			
CUST_5802_PI425536763	0.0025134983	13.488.994	YTH domain-containing protein 2	<i>YTHDC2</i>	<i>Pongo abelii</i>
TC128346	0.0025164906	12.037.599	Tubulin delta chain	<i>tubd1</i>	<i>Xenopus tropicalis</i>
TC108852	0.0025164906	12.339.572	Protein LSM12 homolog A	<i>lsm12a</i>	<i>Danio rerio</i>
TC110420	0.0025164906	11.818.695	Sorting nexin-12	<i>SNX12</i>	<i>Homo sapiens</i>
TC106582	0.002523659	12.662.295	Salmo salar Transposon TX1 149 kDa protein (ytx2), mRNA		
TC106115	0.0025499682	12.553.924	Translation initiation factor eIF-2B subunit alpha	<i>EIF2B1</i>	<i>Bos taurus</i>
CUST_9522_PI425536763	0.0025499682	12.106.018	Proteasome subunit alpha type-3	<i>Psm3</i>	<i>Mus musculus</i>
TC106090	0.0025499682	1.149.293	Oncorhynchus mykiss Ubiquitin-conjugating enzyme E2 variant 2 (ub2v2), mRNA		

CUST_14159_P1425536763	0.0025499682	13.193.331	Chitin biosynthesis protein CHS5	<i>CHS5</i>	<i>Saccharomyces cerevisiae</i>
TC100283	0.0025499682	12.381.455	[BBH] CQ095_XENLA (sp:Q6DJF8) UPF0563 protein C17orf95 homolog OS=Xenopus laevis PE=2 SV=1		
CUST_6327_P1425536763	0.0025499682	1.349.063	Transcription initiation factor TFIID subunit 10	<i>TAF10</i>	<i>Homo sapiens</i>
TC112424	0.0025499682	1.166.786	ATP-dependent RNA helicase DDX39	<i>Ddx39</i>	<i>Rattus norvegicus</i>
CUST_18884_P1425536763	0.002560404	13.387.893	Protein Wnt-16	<i>WNT16</i>	<i>Bos taurus</i>
TC103138	0.0025817284	12.048.664	TOX high mobility group box family member 4	<i>TOX4</i>	<i>Pongo abelii</i>
TC101389	0.0025817284	12.071.537	guanylyltransferase	<i>THG1L</i>	<i>Bos taurus</i>
TC105940	0.0025817284	12.434.876	Proteasome subunit alpha type-6	<i>PsmA6</i>	<i>Rattus norvegicus</i>
TC104132	0.0025817284	11.628.844	Proteasome subunit alpha type-2	<i>psma2</i>	<i>Carassius auratus</i>
TC122371	0.0025817284	12.980.205	RNA-binding protein MEX3B	<i>mex3b</i>	<i>Xenopus laevis</i>
CUST_12321_P1425536763	0.0025825158	13.924.338	Tropomyosin alpha-3 chain	<i>Tpm3</i>	<i>Rattus norvegicus</i>
CUST_1027_P1425536763	0.0025825158	117.647	Filamin A-interacting protein 1-like	<i>filip1l</i>	<i>Danio rerio</i>
TC101836	0.0025826306	11.474.687	hypothetical protein LOC569865 [Danio rerio]		
TC124300	0.0025826306	13.033.005	(sp:O42584) Nucleoplasmin-like protein NO29 OS=Xenopus laevis PE=2 SV=1		

CUST_27027_P1425536763	0.002585778	11.718.364	Nuclease EXOG, mitochondrial	<i>EXOG</i>	<i>Homo sapiens</i>
TC107337	0.002585778	1.237.364	DET1- and DDB1-associated protein 1	<i>dda1</i>	<i>Danio rerio</i>
TC106285	0.0025995332	12.768.825	Phosphoserine phosphatase	<i>PSPH</i>	<i>Bos taurus</i>
TC131315	0.002616834	1.225.627	Transcriptional activator protein Pur-beta	<i>purb</i>	<i>Danio rerio</i>
TC119930	0.0026280035	12.767.273	U6 snRNA-associated Sm-like protein LSm1	<i>Lsm1</i>	<i>Mus musculus</i>
CUST_13831_P1425536763	0.0026280035	19.500.299	U3 small nucleolar ribonucleoprotein protein IMP3	<i>IMP3</i>	<i>Homo sapiens</i>
TC101896	0.0026280035	1.217.349	39S ribosomal protein L38, mitochondrial	<i>MRPL38</i>	<i>Bos taurus</i>
TC113895	0.0026280035	11.977.876	Oxidation resistance protein 1	<i>Oxr1</i>	<i>Rattus norvegicus</i>
CUST_6442_P1425536763	0.0026280035	12.466.422	glycohydrolase ARH3	<i>adprh2</i>	<i>Danio rerio</i>
TC97823	0.0026280035	12.330.618	Zinc finger SWIM domain-containing protein 6	<i>ZSWIM6</i>	<i>Homo sapiens</i>
TC110823	0.0026280035	12.319.424	28S ribosomal protein S36, mitochondrial	<i>MRPS36</i>	<i>Homo sapiens</i>
CUST_27958_P1425536763	0.0026280035	13.753.973	MBT domain-containing protein 1	<i>Mbtd1</i>	<i>Mus musculus</i>
TC111025	0.0026280035	13.009.884	Oncorhynchus mykiss Na/K ATPase alpha subunit isoform 2 (LOC100136182), mRNA		
TC111635	0.0026280035	12.030.877	Transmembrane protein 111	<i>tmem111</i>	<i>Danio rerio</i>

CUST_5124_P1425536763	0.0026280035	11.879.603	[BBH] CV039_DANRE (sp:Q0P3X7) UPF0545 protein C22orf39 homolog OS=Danio rerio PE=3 SV=2		
CUST_16103_P1425536763	0.0026303064	14.307.369	Ankycorbin	<i>RAI14</i>	<i>Homo sapiens</i>
CUST_6229_P1425536763	0.0026391766	13.946.313	Cytidine deaminase	<i>CDA</i>	<i>Homo sapiens</i>
CUST_1115_P1425536763	0.0026507918	11.887.976	ATP synthase subunit s, mitochondrial	<i>ATP5S</i>	<i>Bos taurus</i>
CUST_25784_P1425536763	0.0026759023	1.203.796	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2	<i>GFPT2</i>	<i>Homo sapiens</i>
CUST_1302_P1425536763	0.0026942159	15.644.212	Small ubiquitin-related modifier 4	<i>SUMO4</i>	<i>Homo sapiens</i>
TC112133	0.0026942159	12.459.947	Charged multivesicular body protein 3	<i>vps24</i>	<i>Danio rerio</i>
TC100599	0.0026942159	1.207.686	Putative metalloprotease C21orf57	<i>C21orf57</i>	<i>Homo sapiens</i>
CUST_11096_P1425536763	0.0026942159	11.672.102	(sp:P14380) Transposon TX1 uncharacterized 82 kDa protein OS=Xenopus laevis PE=4 SV=1		
TC101796	0.0027043198	12.373.412	Mitogen-activated protein kinase scaffold protein 1	<i>mapksp1</i>	<i>Danio rerio</i>
TC122552	0.0027148926	12.319.123	PREDICTED: hypothetical protein [Danio rerio]		
CUST_25964_P1425536763	0.0027484559	2.300.465	Tenascin-R	<i>TNR</i>	<i>Gallus gallus</i>
CUST_15210_P1425536763	0.0027728311	1.332.596	KLRAQ motif-containing protein 1	<i>KLRAQ1</i>	<i>Homo sapiens</i>

TC101829	0.002772882	12.462.624	Putative methyltransferase METT10D	<i>Mett10d</i>	<i>Mus musculus</i>
TC111983	0.0027782803	14.333.975			
TC117322	0.0027782803	1.258.702	Sorting nexin-7	<i>Snx7</i>	<i>Mus musculus</i>
CUST_27119_P1425536763	0.0027782803	16.549.625	Protein RER1	<i>RER1</i>	<i>Bos taurus</i>
CUST_5102_P1425536763	0.0027782803	12.867.318	Golgi apparatus protein 1	<i>GLG1</i>	<i>Gallus gallus</i>
TC97775	0.0027782803	11.914.488	U6 snRNA-associated Sm-like protein LSM7	<i>LSM7</i>	<i>Homo sapiens</i>
TC97212	0.0027782803	14.708.626	Vacuolar protein sorting-associated protein 29	<i>VPS29</i>	<i>Bos taurus</i>
TC99719	0.0027782803	11.797.869	Ubiquitin-conjugating enzyme E2 E1	<i>UBE2E1</i>	<i>Homo sapiens</i>
TC96669	0.0027782803	13.539.923	Peptidyl-prolyl cis-trans isomerase H	<i>PPIH</i>	<i>Homo sapiens</i>
CUST_26881_P1425536763	0.0027782803	11.830.146	Fragile X mental retardation syndrome-related protein 1	<i>Fxr1</i>	<i>Rattus norvegicus</i>
TC102634	0.0027782803	11.887.981	Bola-like protein 3	<i>Bola3</i>	<i>Mus musculus</i>
TC130238	0.0027782803	11.649.841	Salmo salar Formimidoyltransferase-cyclodeaminase (ftcd), mRNA		
TC124780	0.0027782803	1.375.761	Salmo salar taurine transporter (slc6a6), mRNA		
TC131075	0.0027782803	12.467.008	Brefeldin A-inhibited guanine nucleotide-exchange protein 1	<i>ARFGEF1</i>	<i>Homo sapiens</i>
CUST_8641_P1425536763	0.00278247	13.802.212	Versican core protein	<i>VCAN</i>	<i>Gallus gallus</i>
TC118952	0.00278247	12.627.757	Cysteine-rich hydrophobic domain 1 protein	<i>Chic1</i>	<i>Mus musculus</i>

TC108433	0.00278247	11.776.046	ELMO domain-containing protein 2	<i>ELMOD2</i>	<i>Homo sapiens</i>
CUST_12214_P1425536763	0.0028036314	13.566.914	Ephrin type-B receptor 2	<i>EPHB2</i>	<i>Homo sapiens</i>
TC103757	0.0028047774	11.456.733	ATP synthase lipid-binding protein, mitochondrial	<i>Atp5g3</i>	<i>Mus musculus</i>
TC112344	0.0028109532	1.183.991	(sp:Q6P7G6) Probable protein BRICK1-A OS=Xenopus laevis PE=3 SV=1		
CUST_1512_P1425536763	0.0028109532	11.987.793	Peroxisomal biogenesis factor 3	<i>PEX3</i>	<i>Bos taurus</i>
TC96427	0.0028109532	12.846.738	Protein MANBAL	<i>MANBAL</i>	<i>Homo sapiens</i>
TC113260	0.0028120931	11.617.849	Protein QIL1	<i>qil1</i>	<i>Danio rerio</i>
TC126506	0.002845901	12.577.639	Uncharacterized protein C5orf35	<i>C5orf35</i>	<i>Homo sapiens</i>
CUST_19205_P1425536763	0.002845901	11.924.976	Zinc finger protein 473	<i>ZNF473</i>	<i>Homo sapiens</i>
TC98342	0.0028482666	12.120.703	Zinc finger protein 316	<i>Znf316</i>	<i>Mus musculus</i>
TC129289	0.0028521519	1.382.627	Ubiquitin-conjugating enzyme E2 B	<i>Ube2b</i>	<i>Rattus norvegicus</i>
CUST_14973_P1425536763	0.0028624875	12.066.343	Trafficking protein particle complex subunit 2	<i>TRAPPC2</i>	<i>Bos taurus</i>
CUST_2849_P1425536763	0.002879092	14.966.961	Cancer susceptibility candidate protein 1 homolog	<i>casc1</i>	<i>Danio rerio</i>
TC123984	0.0028849905	12.324.181	Danio rerio connexin 43 (cx43), mRNA		
TC95965	0.0028882225	1.206.706	H/ACA ribonucleoprotein complex subunit 3	<i>nop10</i>	<i>Danio rerio</i>
TC128393	0.0028977285	12.361.423	Salmo salar Vesicle-associated membrane protein 3 (vamp3), mRNA		



CUST_2601_PI425536763	0.0029242502	12.257.239	Citron Rho-interacting kinase	<i>CIT</i>	<i>Homo sapiens</i>
TC100347	0.0029321983	13.459.582			
CUST_2426_PI425536763	0.0029441668	13.188.353	HD domain-containing protein 3	<i>hddc3</i>	<i>Danio rerio</i>
CUST_9425_PI425536763	0.002975735	13.154.066	Prostaglandin E synthase 3 (Fragment)	<i>PTGES3</i>	<i>Gallus gallus</i>
TC127876	0.0030479543	1.406.861			
CUST_23282_PI425536763	0.0030479543	12.953.025	Bromodomain adjacent to zinc finger domain protein 2B	<i>BAZ2B</i>	<i>Gallus gallus</i>
TC116559	0.0030703025	1.263.508			
CUST_7453_PI425536763	0.0030865872	19.170.299	Nitrilase homolog 1	<i>Nit1</i>	<i>Mus musculus</i>
TC104871	0.0030865872	11.808.535	Xenopus laevis profilin 2 (pfn2), mRNA		
TC126531	0.0030865872	14.997.525	Transcription elongation regulator 1	<i>Tcerg1</i>	<i>Mus musculus</i>
TC116057	0.0030865872	12.275.332	Serine/threonine-protein phosphatase 4 catalytic subunit A	<i>ppp4ca</i>	<i>Danio rerio</i>
TC101926	0.0030865872	1.289.286	Salmo salar RER1 protein (rer1), mRNA		
CUST_11266_PI425536763	0.0030865872	13.538.957	Plectin-1 (Fragment)	<i>PLEC1</i>	<i>Cricetulus griseus</i>
CUST_33_PI425536763	0.0030865872	12.174.456	Insulin-like growth factor 1 receptor	<i>Igf1r</i>	<i>Rattus norvegicus</i>
CUST_9240_PI425536763	0.0030865872	11.807.606	Metaxin-2	<i>MTX2</i>	<i>Sus scrofa</i>
TC131719	0.0030865872	12.360.193	Salmo salar Cold shock domain-containing protein C2 (csdc2), mRNA		
CUST_17900_PI425536763	0.0030865872	1.262.003	Dixin	<i>dixdc1</i>	<i>Danio rerio</i>
TC103806	0.0031239097	14.484.929			

TC103760	0.0031253647	13.207.594	(sp:Q3KQW6) UPF0688 protein C1orf174 homolog OS=Xenopus laevis PE=2 SV=1		
TC97972	0.0031253647	12.378.501	Actin-related protein 2/3 complex subunit 4	<i>Arpc4</i>	<i>Mus musculus</i>
CUST_7157_PI425536763	0.0031530869	12.644.964	Small nuclear ribonucleoprotein E	<i>SNRPE</i>	<i>Sus scrofa</i>
CUST_9441_PI425536763	0.0031716246	13.701.907	Fibroblast growth factor receptor 4	<i>fgfr4</i>	<i>Danio rerio</i>
TC104435	0.0031920278	12.501.669	Rho GTPase-activating protein 12	<i>Arhgap12</i>	<i>Mus musculus</i>
TC103043	0.0032049422	11.947.653	Salmo salar potential DNA-binding protein C17orf49 homolog (cq049), mRNA		
CUST_8447_PI425536763	0.0032136252	11.571.356	Proteasome subunit alpha type-7-like	<i>Psm8</i>	<i>Mus musculus</i>
TC124056	0.0032243887	13.687.843	Oncorhynchus mykiss UDP-N-acetylglucosamine transferase subunit alg13 (alg13), mRNA		
CUST_2225_PI425536763	0.0032243887	12.467.041	Motile sperm domain-containing protein 2	<i>MOSPD2</i>	<i>Homo sapiens</i>
TC106691	0.0032243887	12.235.903	Oncorhynchus mykiss valosin containing protein (LOC100136246), mRNA		
TC123914	0.0032243887	13.571.734	Nucleoside diphosphate-linked moiety X motif 17	<i>nudt17</i>	<i>Danio rerio</i>
TC106858	0.0032243887	12.268.128	Reticulon-3	<i>RTN3</i>	<i>Bos taurus</i>
CUST_6168_PI425536763	0.0032243887	12.163.596	Interferon-stimulated 20 kDa exonuclease-like 2	<i>ISG20L2</i>	<i>Bos taurus</i>

CUST_4945_PI425536763	0.0032243887	13.352.408	DDB1- and CUL4-associated factor 10	<i>dcaf10</i>	<i>Danio rerio</i>
CUST_14755_PI425536763	0.0032524825	11.552.379	Matrix-remodeling-associated protein 7	<i>MXRA7</i>	<i>Homo sapiens</i>
TC112844	0.0032812504	12.769.789			
CUST_26541_PI425536763	0.0032843433	12.562.574	Kinetochore protein Spc25	<i>spc25</i>	<i>Xenopus tropicalis</i>
TC123163	0.0032843433	11.853.607	F-box-like/WD repeat-containing protein TBL1XR1	<i>TBL1XR1</i>	<i>Homo sapiens</i>
TC130501	0.0032843433	12.407.107	Protein disulfide-isomerase A3	<i>PDIA3</i>	<i>Gallus gallus</i>
TC107712	0.0033063276	1.181.807			
CUST_5620_PI425536763	0.0033063276	12.691.365	Prothymosin alpha-A	<i>ptmaa</i>	<i>Danio rerio</i>
TC114860	0.0033063276	12.897.686	Coactosin-like protein	<i>Cotl1</i>	<i>Rattus norvegicus</i>
CUST_26529_PI425536763	0.0033063276	12.488.065	Non-POU domain-containing octamer-binding protein	<i>Nono</i>	<i>Rattus norvegicus</i>
CUST_7963_PI425536763	0.0033063276	12.164.955	(sp:Q91VR8) Probable protein BRICK1 OS=Mus musculus PE=1 SV=1		
CUST_5915_PI425536763	0.0033063276	12.025.653	Coiled-coil-helix-coiled-coil-helix domain-containing protein 7	<i>CHCHD7</i>	<i>Homo sapiens</i>
TC128536	0.0033181603	1.186.757			
TC98386	0.0033181603	11.814.828			
TC114760	0.0033181603	19.613.358	Oncorhynchus mykiss Na/K ATPase alpha subunit isoform 2 (LOC100136182), mRNA		
CUST_16640_PI425536763	0.0033181603	1.262.799	ADP-ribosylation factor-like protein 4D	<i>Arl4d</i>	<i>Mus musculus</i>

CUST_5746_PI425536763	0.0033181603	11.930.677	LDLR chaperone MESD	<i>mesdc2</i>	<i>Danio rerio</i>
TC104366	0.0033199317	12.441.832	Splicing factor, arginine/serine-rich 9	<i>Sfrs9</i>	<i>Mus musculus</i>
CUST_26727_PI425536763	0.0033199317	1.144.006	Stathmin-3	<i>STMN3</i>	<i>Pongo abelii</i>
TC130000	0.0033199317	12.231.123	(sp:P08676) Circumsporozoite protein OS=Plasmodium cynomolgi (strain Mulligan/NIH) PE=3 SV=3		
TC99323	0.0033227208	15.986.395	Salmo salar 14-3-3 protein gamma-2 (143g2), mRNA		
TC102642	0.0033287255	11.470.994	Tripartite motif-containing protein 69	<i>Trim69</i>	<i>Mus musculus</i>
TC101097	0.0033287255	12.252.673	AP-4 complex subunit mu-1	<i>Ap4m1</i>	<i>Mus musculus</i>
CUST_1814_PI425536763	0.0033436746	13.026.859	Tubulin delta chain	<i>tubd1</i>	<i>Xenopus tropicalis</i>
TC108002	0.0033496965	1.190.239	Salmo salar FAM44B (fa44b), mRNA		
TC120590	0.0033496965	12.472.836			
TC105102	0.0033496965	13.795.741	(sp:P08520) Beta-galactoside-binding lectin OS=Electrophorus electricus PE=1 SV=1		
TC107216	0.0033496965	12.342.525	cAMP-dependent protein kinase type II-alpha regulatory subunit	<i>PRKAR2A</i>	<i>Bos taurus</i>
TC102821	0.0033496965	11.867.005	60S ribosomal protein L7-like 1	<i>RPL7L1</i>	<i>Homo sapiens</i>

TC96689	0.0033496965	13.798.321	Succinate dehydrogenase assembly factor 1, mitochondrial	<i>SDHAF1</i>	<i>Homo sapiens</i>
TC103669	0.0033496965	12.722.722	rRNA-processing protein FCF1 homolog	<i>FCF1</i>	<i>Pongo abelii</i>
TC131076	0.0033496965	13.361.185	Ankyrin repeat domain-containing protein 12	<i>ANKRD12</i>	<i>Homo sapiens</i>
CUST_1543_PI425536763	0.0033496965	1.420.015	DCN1-like protein 5	<i>DCUN1D5</i>	<i>Homo sapiens</i>
TC125177	0.003366137	12.879.623	<i>Salmo salar</i> Tumor necrosis factor receptor superfamily member 5 (tnr5), mRNA		
TC104535	0.003366137	12.100.538	Triosephosphate isomerase B	<i>tpi1b</i>	<i>Danio rerio</i>
TC102805	0.0033752185	13.442.965	<i>Oncorhynchus mykiss</i> calpain 1 catalytic subunit (capn1), mRNA		
TC123489	0.003382591	12.783.626			
CUST_6673_PI425536763	0.003382591	14.213.852	Angiopoietin-1	<i>ANGPT1</i>	<i>Sus scrofa</i>
CUST_4195_PI425536763	0.003382591	12.373.894	Translocon-associated protein subunit alpha	<i>Ssr1</i>	<i>Mus musculus</i>
TC105633	0.003382591	11.826.932			
TC131393	0.003382591	14.111.264			
CUST_5162_PI425536763	0.003382591	1.156.783	Recoverin	<i>RCVRN</i>	<i>Canis familiaris</i>
TC106141	0.003382591	12.860.005	<i>Salmo salar</i> Transcription factor HES-5 (hes5), mRNA		
TC103531	0.003382854	177.726	Polycomb group RING finger protein 1	<i>pcgf1</i>	<i>Danio rerio</i>
CUST_20932_PI425536763	0.003382854	12.655.973	Uncharacterized protein CXorf67	<i>CXorf67</i>	<i>Homo sapiens</i>
TC115749	0.003384453	12.452.668	CTD small phosphatase-like protein 2-A	<i>ctdsp12a</i>	<i>Danio rerio</i>

TC117822	0.003384453	14.474.677	Kinesin-1 heavy chain	<i>KIF5B</i>	<i>Homo sapiens</i>
TC100579	0.003384453	12.100.873	Sodium channel protein type 8 subunit alpha	<i>Scn8a</i>	<i>Mus musculus</i>
TC102448	0.003384453	14.226.931	PREDICTED: THAP domain containing, apoptosis associated protein 2-like [Danio rerio]		
TC106580	0.003384453	11.793.721	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	<i>ppp1cc</i>	<i>Xenopus tropicalis</i>
TC104408	0.003384453	11.820.836			
TC121972	0.003384453	1.250.796	Transcription cofactor HES-6	<i>HES6</i>	<i>Homo sapiens</i>
TC101329	0.003384453	11.986.985	Phosphoserine phosphatase	<i>PSPH</i>	<i>Pongo abelii</i>
TC112164	0.003384453	12.111.028			
CUST_7235_P1425536763	0.003384453	12.857.684	Methylmalonic aciduria and homocystinuria type C protein homolog	<i>MMACHC</i>	<i>Bos taurus</i>
TC107858	0.003384453	12.685.218	U2 small nuclear ribonucleoprotein B''	<i>Snrpb2</i>	<i>Mus musculus</i>
CUST_14747_P1425536763	0.0033855506	11.704.421	Protein phosphatase 1L	<i>PPM1L</i>	<i>Homo sapiens</i>
CUST_4121_P1425536763	0.0033855506	12.008.907	T-complex protein 1 subunit zeta	<i>CCT6A</i>	<i>Homo sapiens</i>
CUST_9367_P1425536763	0.0033855506	12.231.414	Integrin alpha-V	<i>ITGAV</i>	<i>Bos taurus</i>
CUST_163_P1425708691	0.0033855506	12.525.897	PSMA1		
TC100857	0.0033855506	15.178.922	Replication protein A 14 kDa subunit	<i>Rpa3</i>	<i>Mus musculus</i>
CUST_10067_P1425536763	0.0033855506	12.772.447	Dixin	<i>dixdc1</i>	<i>Danio rerio</i>
TC126923	0.0033855506	11.841.764			
TC121466	0.0033855506	12.242.658			

TC113230	0.0033855506	14.308.547	Oncorhynchus mykiss COMM domain-containing protein 7 (comd7), mRNA		
CUST_9708_Pi425536763	0.0033855506	13.913.398	Protein FAM50A	<i>fam50a</i>	<i>Danio rerio</i>
CUST_17715_Pi425536763	0.0033855506	12.984.016	AP2-associated protein kinase 1	<i>Aak1</i>	<i>Mus musculus</i>
TC121063	0.0033855506	12.487.711	Salmo salar Integrator complex subunit 11 (int11), mRNA		
TC109457	0.0033855506	12.632.871	Phosducin-like protein 3	<i>Pdcl3</i>	<i>Mus musculus</i>
CUST_6853_Pi425536763	0.0033855506	11.871.563	DNA polymerase epsilon subunit 3	<i>Pole3</i>	<i>Rattus norvegicus</i>
TC116144	0.0033855506	12.939.316	Nucleoporin p54	<i>NUP54</i>	<i>Homo sapiens</i>
CUST_26930_Pi425536763	0.0033855506	13.460.001	Nucleophosmin	<i>npm1</i>	<i>Xenopus laevis</i>
TC119790	0.0033855506	13.329.197			
CUST_19380_Pi425536763	0.0033855506	12.866.297	Synaptotagmin-1	<i>SYT1</i>	<i>Pongo abelii</i>
TC104974	0.0033855506	14.314.933	Transcription activator BRG1	<i>SMARCA4</i>	<i>Bos taurus</i>
TC115063	0.0033855506	12.001.519	Small nuclear ribonucleoprotein E	<i>snrpe</i>	<i>Danio rerio</i>
CUST_7817_Pi425536763	0.0033855506	12.754.375	Alpha-actinin-2	<i>ACTN2</i>	<i>Gallus gallus</i>
CUST_18617_Pi425536763	0.0033922824	12.438.082	Connector enhancer of kinase suppressor of ras 2	<i>Cnksr2</i>	<i>Mus musculus</i>
CUST_5179_Pi425536763	0.0033922824	15.589.106	Myosin-Ib	<i>MYO1B</i>	<i>Homo sapiens</i>
TC102663	0.0033922824	15.524.484	General transcription factor II-I repeat domain-containing protein 2	<i>GTF2IRD2</i>	<i>Bos taurus</i>
TC109025	0.0033922824	11.950.781			
TC101302	0.0033922824	1.281.824	H2.0-like homeobox protein	<i>Hlx</i>	<i>Rattus norvegicus</i>

TC99559	0.0033922824	13.180.709	Peptidyl-prolyl cis-trans isomerase FKBP2	<i>Fkbp2</i>	<i>Mus musculus</i>
TC128677	0.0033922824	11.902.335			
CUST_13825_Pi425536763	0.0033922824	12.103.369	Actin-related protein 2/3 complex subunit 4	<i>Arpc4</i>	<i>Mus musculus</i>
CUST_2740_Pi425536763	0.0034053016	11.878.213	Probable thiopurine S-methyltransferase	<i>tpmt</i>	<i>Danio rerio</i>
TC96927	0.0034128595	30.850.904			
CUST_7207_Pi425536763	0.0034128595	1.269.379	Probable ATP-dependent RNA helicase DDX47	<i>Ddx47</i>	<i>Mus musculus</i>
CUST_20075_Pi425536763	0.0034128595	13.301.524	Mucin-5AC (Fragments)	<i>MUC5AC</i>	<i>Homo sapiens</i>
TC105600	0.0034128595	14.453.356	Cyclin-dependent kinases regulatory subunit 1	<i>Cks1b</i>	<i>Mus musculus</i>
CUST_7197_Pi425536763	0.0034262384	11.822.938	Replication protein A 14 kDa subunit	<i>RPA3</i>	<i>Homo sapiens</i>
CUST_211_Pi425536763	0.0034265784	12.024.167	Mediator of RNA polymerase II transcription subunit 22	<i>med22</i>	<i>Takifugu rubripes</i>
TC99503	0.0034265784	13.633.924	DNA-binding protein inhibitor ID-1	<i>ID1</i>	<i>Homo sapiens</i>
CUST_6531_Pi425536763	0.0034265784	1.193.724	Histone chaperone asf1-A	<i>asf1a</i>	<i>Danio rerio</i>
CUST_27954_Pi425536763	0.0034265784	1.180.493	MAP kinase-activating death domain protein	<i>Madd</i>	<i>Mus musculus</i>
TC129319	0.0034265784	11.754.946	Salmo salar CT027 protein (ct027), mRNA		
TC123559	0.0034440046	11.509.427	Eukaryotic translation initiation factor 4E-binding protein 2	<i>Elf4ebp2</i>	<i>Mus musculus</i>
CUST_11579_Pi425536763	0.0034440046	1.255.985	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	<i>Ndufa6</i>	<i>Mus musculus</i>



TC112542	0.0034633	14.866.154	Oncorhynchus mykiss DCN1-like protein 1 (dcn1), mRNA		
CUST_28205_PI425536763	0.0034633	13.940.482	Calpain-10	<i>Capn10</i>	<i>Rattus norvegicus</i>
CUST_858_PI425536763	0.0034633	11.828.496	Eukaryotic translation initiation factor 1A, X-chromosomal	<i>EIF1AX</i>	<i>Pongo abelii</i>
TC125331	0.0034633	13.246.157	COMM domain-containing protein 3	<i>Commd3</i>	<i>Mus musculus</i>
CUST_15801_PI425536763	0.0034633	13.626.935	Transcriptional adapter 2-beta	<i>TADA2B</i>	<i>Pongo abelii</i>
TC99315	0.0034633	11.777.836	UPF0631 protein C17orf108 homolog	<i>zgc:193694</i>	<i>Danio rerio</i>
CUST_16076_PI425536763	0.0034633	11.973.047	CWF19-like protein 1	<i>cwf19l1</i>	<i>Danio rerio</i>
CUST_8572_PI425536763	0.0034633	13.064.437	Cysteine-rich hydrophobic domain 1 protein	<i>CHIC1</i>	<i>Homo sapiens</i>
TC102610	0.0034633	12.172.493	Salmo salar FK506-binding protein 1A (fkb1a), mRNA		
CUST_8490_PI425536763	0.0034633	11.876.972	AT-rich interactive domain-containing protein 3B	<i>Arid3b</i>	<i>Mus musculus</i>
TC126436	0.0034633	12.576.724			
TC98123	0.0034633	12.464.535	Probable E3 ubiquitin-protein ligase MYCBP2	<i>MYCBP2</i>	<i>Homo sapiens</i>
CUST_1729_PI425536763	0.0034633	12.637.076	U6 snRNA-associated Sm-like protein LSm1	<i>LSM1</i>	<i>Homo sapiens</i>
TC128227	0.003475654	15.897.111			
TC100095	0.003475654	12.010.868	Four and a half LIM domains protein 1	<i>Fhl1</i>	<i>Rattus norvegicus</i>
CUST_15047_PI425536763	0.003475654	12.793.648	Golgi apparatus protein 1	<i>GLG1</i>	<i>Gallus gallus</i>
TC117984	0.003475654	11.746.463			

TC119459	0.003475654	12.856.834	Immunoglobulin-binding protein 1	<i>IGBP1</i>	<i>Homo sapiens</i>
TC114711	0.0034894738	11.441.709	Salmo salar K1143 protein (k1143), mRNA		
CUST_4588_PI425536763	0.0035072009	12.341.179	[BBH] PPB_GADMO (sp:P83456) Alkaline phosphatase OS=Gadus morhua PE=1 SV=1		
TC106512	0.0035078055	12.730.807	DNA repair protein XRCC3	<i>Xrcc3</i>	<i>Mus musculus</i>
TC98608	0.0035078055	12.129.744	39S ribosomal protein L42, mitochondrial	<i>MRPL42</i>	<i>Bos taurus</i>
TC130225	0.0035078055	13.100.741	Transcription initiation factor TFIID subunit 11	<i>Taf11</i>	<i>Mus musculus</i>
TC123774	0.0035078055	12.826.359	Nck-associated protein 1	<i>nckap1</i>	<i>Danio rerio</i>
CUST_14031_PI425536763	0.0035078055	12.187.049	Troponin I, slow skeletal muscle	<i>TNNI1</i>	<i>Oryctolagus cuniculus</i>
TC127736	0.0035078055	12.594.994	Uncharacterized protein KIAA0319-like	<i>Kiaa0319l</i>	<i>Mus musculus</i>
TC104784	0.0035078055	12.826.054	Salmo salar Transcription factor E2F4 (e2f4), mRNA		
TC116420	0.0035078055	12.055.603	(sp:P02554) Tubulin beta chain OS=Sus scrofa PE=1 SV=1		
TC112329	0.0035231868	12.061.534	Lysine-specific demethylase 2A	<i>KDM2A</i>	<i>Homo sapiens</i>
CUST_8580_PI425536763	0.0035231868	12.744.615	ATP synthase subunit s-like protein	<i>ATP5SL</i>	<i>Bos taurus</i>
TC107835	0.0035231868	12.311.885			
CUST_12982_PI425536763	0.003529405	12.585.065	Ubiquitin domain-containing protein UBFD1	<i>Ubfd1</i>	<i>Mus musculus</i>
CUST_17858_PI425536763	0.003529405	16.819.062	MBT domain-containing protein 1	<i>mbtd1</i>	<i>Xenopus laevis</i>

TC118982	0.003529405	12.904.832	Tripartite motif-containing protein 7	<i>Trim7</i>	<i>Mus musculus</i>
CUST_8545_PI425536763	0.0035360768	11.837.664	Voltage-dependent anion-selective channel protein 3	<i>Vdac3</i>	<i>Rattus norvegicus</i>
CUST_16932_PI425536763	0.0035360768	13.510.206	Gap junction gamma-1 protein	<i>gjc1</i>	<i>Danio rerio</i>
TC96160	0.0035567281	12.357.146	Salmo salar (nucleoside diphosphate linked moiety X)-type motif 5 (nudt5), mRNA		
TC131438	0.0035683084	1.383.021	Mitochondrial fission 1 protein	<i>FIS1</i>	<i>Homo sapiens</i>
TC110315	0.0035683084	12.505.859	Rho guanine nucleotide exchange factor 10	<i>ARHGEF10</i>	<i>Homo sapiens</i>
TC97864	0.0035683084	12.836.038	Ras-related protein Rab-8A	<i>RAB8A</i>	<i>Gallus gallus</i>
CUST_15020_PI425536763	0.0035683084	12.353.854	Ankyrin repeat domain-containing protein 37	<i>ANKRD37</i>	<i>Homo sapiens</i>
CUST_20102_PI425536763	0.0035683084	12.201.035	Adapter molecule crk	<i>Crk</i>	<i>Rattus norvegicus</i>
TC94872	0.0035683084	1.138.556	UPF0585 protein C16orf13 homolog A	<i>zgc:56719</i>	<i>Danio rerio</i>
TC104402	0.0035683084	17.643.772	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha	<i>FNTA</i>	<i>Homo sapiens</i>
CUST_4268_PI425536763	0.0035683084	11.396.878	NADH-cytochrome b5 reductase 3	<i>CYB5R3</i>	<i>Bos taurus</i>
TC109494	0.0035683084	12.403.729			
TC105778	0.0035726367	11.826.823	Dentin sialophosphoprotein	<i>DSPP</i>	<i>Homo sapiens</i>

TC101601	0.0035726367	12.350.613	(sp:Q5REX0) UPF0708 protein C6orf162 homolog OS=Pongo abelii PE=3 SV=1		
CUST_5356_P1425536763	0.0035726367	11.917.396	RNA-binding protein with serine-rich domain 1	<i>RNPS1</i>	<i>Bos taurus</i>
TC117948	0.0035726367	1.237.234	Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial	<i>DUT</i>	<i>Homo sapiens</i>
TC105637	0.0035736684	11.967.572	Protein lin-52 homolog	<i>lin52</i>	<i>Oncorhynchus mykiss</i>
CUST_6639_P1425536763	0.0035900206	11.555.755	Homeobox protein Hox-C5a	<i>hoxc5a</i>	<i>Takifugu rubripes</i>
TC127522	0.0035964204	13.922.626	<i>Salmo salar</i> Microtubule-associated protein RP/EB family member 3 (mare3), mRNA		
TC125265	0.00359905	13.611.654	Microtubule-associated protein RP/EB family member 1	<i>Mapre1</i>	<i>Rattus norvegicus</i>
TC104467	0.00359905	11.899.596	High affinity immunoglobulin epsilon receptor subunit gamma	<i>FCER1G</i>	<i>Cavia porcellus</i>
TC107825	0.0036096731	1.253.051	<i>Oncorhynchus mykiss</i> UDP-N-acetylglucosamine transferase subunit alg13 (alg13), mRNA		
TC96343	0.003623588	1.264.937	Exosome complex exonuclease RRP4	<i>EXOSC2</i>	<i>Bos taurus</i>
CUST_17895_P1425536763	0.0036319748	1.301.225	INO80 complex subunit E	<i>Ino80e</i>	<i>Rattus norvegicus</i>

TC102180	0.0036446438	12.116.129	Troponin I, slow skeletal muscle	<i>Tnni1</i>	<i>Rattus norvegicus</i>
CUST_1588_PI425536763	0.0036446438	118.407	Autophagy-related protein 101	<i>atg101</i>	<i>Danio rerio</i>
CUST_24270_PI425536763	0.0036446438	1.249.705	Protein FAM19A2	<i>Fam19a2</i>	<i>Mus musculus</i>
TC120085	0.0036446438	11.463.201	Sorting nexin-2	<i>SNX2</i>	<i>Homo sapiens</i>
TC129225	0.0036446438	13.090.959			
TC128264	0.003681506	14.935.399			
TC128295	0.003681506	120.894	Zinc finger protein 227	<i>ZNF227</i>	<i>Homo sapiens</i>
CUST_13605_PI425536763	0.003681506	12.764.783	AP-3 complex subunit delta-1	<i>AP3D1</i>	<i>Homo sapiens</i>
CUST_5142_PI425536763	0.0036863172	11.861.962	COMM domain-containing protein 10	<i>COMMD10</i>	<i>Homo sapiens</i>
TC102902	0.0037020943	1.170.771			
CUST_3157_PI425536763	0.0037049279	13.853.616	Prostaglandin E synthase 3	<i>PTGES3</i>	<i>Pongo abelii</i>
TC115069	0.0037049279	11.582.016	26S proteasome non-ATPase regulatory subunit 6	<i>PSMD6</i>	<i>Homo sapiens</i>
CUST_9649_PI425536763	0.0037122117	12.430.404	COUP transcription factor 2	<i>NR2F2</i>	<i>Bos taurus</i>
CUST_23943_PI425536763	0.0037122117	15.005.294	Protein mago nashi homolog	<i>magoh</i>	<i>Xenopus laevis</i>
TC104704	0.003724624	1.104.479			
TC100770	0.003727557	12.115.761	TP53-regulated inhibitor of apoptosis 1	<i>TRIAP1</i>	<i>Homo sapiens</i>
TC109545	0.003727557	12.481.306			
TC100588	0.003727557	1.223.727	High mobility group protein B1	<i>Hmgb1</i>	<i>Rattus norvegicus</i>
CUST_1809_PI425536763	0.003727557	13.034.004	N-acetylglucosamine-1-phosphotransferase subunit gamma	<i>GNPTG</i>	<i>Bos taurus</i>

TC129969	0.003727557	12.152.169	Uncharacterized protein C1orf93 homolog	<i>zgc:85644</i>	<i>Danio rerio</i>
TC107868	0.003727557	1.256.465	Cell division control protein 42	<i>CDC42</i>	<i>Ashbya gossypii</i>
TC99910	0.003727557	11.548.958	Signal peptidase complex catalytic subunit SEC11A	<i>SEC11A</i>	<i>Pongo abelii</i>
TC113004	0.003727557	12.859.902	Probable lysosomal cobalamin transporter	<i>Imbrd1</i>	<i>Danio rerio</i>
TC123585	0.003727557	11.977.735	Securin	<i>PTTG1</i>	<i>Bos taurus</i>
TC100955	0.0037392941	12.442.745	Calponin-3	<i>Cnn3</i>	<i>Rattus norvegicus</i>
TC106290	0.003746017	11.819.195	Prefoldin subunit 4	<i>PFDN4</i>	<i>Homo sapiens</i>
TC123589	0.003754575	11.486.002	Salmo salar Transmembrane protein 43 (tmm43), mRNA		
TC98970	0.0037672375	12.236.445	Mitochondrial import receptor subunit TOM6 homolog	<i>TOMM6</i>	<i>Bos taurus</i>
TC107217	0.003770456	15.371.234	Bactericidal permeability-increasing protein	<i>BPI</i>	<i>Homo sapiens</i>
CUST_17777_P1425536763	0.003770456	11.918.411	WD repeat-containing protein 26	<i>wdr26</i>	<i>Xenopus tropicalis</i>
CUST_27629_P1425536763	0.0037808868	16.548.351	Myb-binding protein 1A	<i>MYBBP1A</i>	<i>Homo sapiens</i>
TC106909	0.0037808868	15.094.798	Coronin-6	<i>CORO6</i>	<i>Homo sapiens</i>
TC111633	0.0037808868	11.474.111	Oncorhynchus mykiss FAM96B (fa96b), mRNA		
CUST_23835_P1425536763	0.0037808868	11.885.556	Protein piccolo	<i>PCLO</i>	<i>Homo sapiens</i>
TC107135	0.0037808868	1.314.864			
CUST_6341_P1425536763	0.0037808868	12.659.416	Sorbitol dehydrogenase	<i>SORD</i>	<i>Pongo abelii</i>
TC112873	0.003803151	12.937.794	tRNA (cytosine-5-)-methyltransferase	<i>TRDMT1</i>	<i>Homo sapiens</i>
TC126953	0.003803151	20.181.904	Regulator of nonsense transcripts 1	<i>Upf1</i>	<i>Mus musculus</i>

CUST_1333_P1425536763	0.003803151	12.498.033	Protein TMED8	<i>TMED8</i>	<i>Homo sapiens</i>
CUST_17783_P1425536763	0.003803151	13.398.898	DNA polymerase epsilon catalytic subunit A	<i>Pole</i>	<i>Mus musculus</i>
TC122136	0.003803151	11.196.914	Coiled-coil domain-containing protein 43	<i>ccdc43</i>	<i>Danio rerio</i>
TC110215	0.003803151	13.385.735	Kinetochore protein Spc25	<i>spc25</i>	<i>Xenopus tropicalis</i>
TC131141	0.0038177024	16.953.866	Leptin receptor overlapping transcript-like 1	<i>LEPROTL1</i>	<i>Pongo abelii</i>
CUST_16768_P1425536763	0.0038177024	13.587.525	MICAL-like protein 1	<i>MICALL1</i>	<i>Homo sapiens</i>
TC110448	0.003819349	12.591.548	Zinc finger protein 32	<i>ZNF32</i>	<i>Homo sapiens</i>
TC131303	0.003819349	13.726.715	60S ribosomal protein L10	<i>RPL10</i>	<i>Ovis aries</i>
TC115921	0.003819349	1.206.805			
CUST_7852_P1425536763	0.003819349	12.469.192	Homeobox protein Hox-B7a	<i>hoxb7a</i>	<i>Danio rerio</i>
TC101915	0.0038239027	12.155.052	Peptidyl-prolyl cis-trans isomerase FKBP1A	<i>FKBP1A</i>	<i>Bos taurus</i>
CUST_19996_P1425536763	0.0038239027	12.792.735	Uncharacterized protein C19orf43	<i>C19orf43</i>	<i>Homo sapiens</i>
TC130654	0.003826584	11.115.499	Ras-related protein Rab-9A	<i>RAB9A</i>	<i>Homo sapiens</i>
CUST_20380_P1425536763	0.003858658	12.322.527	(sp:A4IH95) UPF0500 protein C1orf216 homolog OS=Xenopus tropicalis PE=2 SV=2		
TC116586	0.0038848238	12.956.545	TERF1-interacting nuclear factor 2	<i>TINF2</i>	<i>Homo sapiens</i>
TC104093	0.003903516	12.062.762			
TC100392	0.003903516	11.928.823	Homeobox protein PKNOX1	<i>Pknox1</i>	<i>Mus musculus</i>
TC113393	0.0039252536	13.067.209			

CUST_16238_PI425536763	0.00393311	12.179.415	Testis-specific Y-encoded-like protein 2	<i>TSPYL2</i>	<i>Homo sapiens</i>
CUST_17133_PI425536763	0.0039496706	22.306.056	Mucin-5AC (Fragments)	<i>MUC5AC</i>	<i>Homo sapiens</i>
TC107454	0.0039518992	1.299.535	RING-box protein 2	<i>Rnf7</i>	<i>Mus musculus</i>
CUST_6632_PI425536763	0.0039518992	11.728.517	RNA pseudouridylate synthase domain-containing protein 4	<i>rpusd4</i>	<i>Danio rerio</i>
CUST_2649_PI425536763	0.0039658556	1.200.163	[BBH] CI125_PONAB (sp:Q5R868) Transmembrane protein C9orf125 homolog OS=Pongo abelii PE=2 SV=1		
TC115177	0.0039658556	12.649.637			
TC119369	0.003970292	12.604.673	Diablo homolog, mitochondrial	<i>Diablo</i>	<i>Mus musculus</i>
TC102121	0.0039778696	1.363.318	Rho GTPase-activating protein 27	<i>Arhgap27</i>	<i>Rattus norvegicus</i>
TC101972	0.003982544	1.251.517			
TC104874	0.0039892034	12.699.552	Salmo salar FAM76B (fa76b), mRNA		
TC115093	0.0039970847	13.512.286	Titin	<i>Ttn</i>	<i>Mus musculus</i>
CUST_4823_PI425536763	0.0039970847	13.938.543	Interferon-inducible double stranded RNA-dependent protein kinase activator A homolog A	<i>prkra-A</i>	<i>Xenopus laevis</i>
CUST_25939_PI425536763	0.0039970847	11.876.116	Carnitine O-palmitoyltransferase 1, muscle isoform	<i>Cpt1b</i>	<i>Mus musculus</i>
TC113698	0.0039970847	12.194.923	Salmo salar ADP-ribosylation factor-like protein 15 (arl15), mRNA		
CUST_10634_PI425536763	0.0039970847	11.969.345	Coatomer subunit zeta-2	<i>COPZ2</i>	<i>Homo sapiens</i>



CUST_28414_PI425536763	0.003999718	12.140.791	Phosducin-like protein 3	<i>PDCL3</i>	<i>Homo sapiens</i>
TC131386	0.003999718	1.171.004	RING finger and SPRY domain-containing protein 1	<i>RSPRY1</i>	<i>Pongo abelii</i>
TC122693	0.003999718	12.743.175	Nogo-B receptor	<i>nus1</i>	<i>Danio rerio</i>
TC103267	0.004013265	11.725.523	Gap junction beta-6 protein	<i>GJB6</i>	<i>Gallus gallus</i>
TC98637	0.004017963	1.448.263	Protein FAM89A	<i>Fam89a</i>	<i>Rattus norvegicus</i>
CUST_25146_PI425536763	0.004017963	15.234.637	PHD finger protein 14	<i>Phf14</i>	<i>Mus musculus</i>
TC101559	0.004017963	14.222.065	Oncorhynchus mykiss Small ubiquitin-related modifier 1 (sumo1), mRNA		
CUST_1243_PI425536763	0.004017963	11.902.617	DNA-directed RNA polymerases I, II, and III subunit RPABC2	<i>POLR2F</i>	<i>Pongo abelii</i>
TC117349	0.004017963	12.771.543	Battenin	<i>CLN3</i>	<i>Canis familiaris</i>
CUST_17614_PI425536763	0.0040183268	11.920.365	TP53-regulated inhibitor of apoptosis 1-B	<i>triap1-B</i>	<i>Xenopus laevis</i>
CUST_10343_PI425536763	0.0040240088	13.052.948	Transmembrane emp24 domain-containing protein 10	<i>TMED10</i>	<i>Oryctolagus cuniculus</i>
CUST_1511_PI425536763	0.0040240088	122.349	Protein canopy homolog 2	<i>CNPY2</i>	<i>Homo sapiens</i>
TC98375	0.0040240088	11.832.594	Stress-associated endoplasmic reticulum protein 1	<i>Serp1</i>	<i>Rattus norvegicus</i>
CUST_13745_PI425536763	0.0040240088	12.484.508	Polyadenylate-binding protein-interacting protein 2	<i>PAIP2</i>	<i>Pongo abelii</i>
CUST_4147_PI425536763	0.0040240088	13.170.406	Inhibitor of growth protein 4	<i>ING4</i>	<i>Gallus gallus</i>

TC125459	0.0040328405	12.815.385	Cohesin loading complex subunit SCC4 homolog	<i>Kiaa0892</i>	<i>Mus musculus</i>
CUST_8144_PI425536763	0.0040328405	1.210.803	Prefoldin subunit 5	<i>PFDN5</i>	<i>Bos taurus</i>
TC120300	0.00403519	12.334.816	Zinc finger protein 521	<i>znf521</i>	<i>Xenopus laevis</i>
TC118390	0.00403519	12.275.543	Protein SCO1 homolog, mitochondrial	<i>SCO1</i>	<i>Homo sapiens</i>
CUST_5999_PI425536763	0.00403519	12.203.012	Pterin-4-alpha-carbinolamine dehydratase	<i>Pcbd1</i>	<i>Mus musculus</i>
TC108206	0.00403519	11.885.431	Oncorhynchus mykiss vasoactive intestinal polypeptide receptor type 1 ( <i>vipr1</i> ), mRNA		
CUST_24089_PI425536763	0.00403519	12.010.375	Transcription factor HES-5	<i>Hes5</i>	<i>Rattus norvegicus</i>
CUST_6400_PI425536763	0.00403519	11.544.379	N-acetylated-alpha-linked acidic dipeptidase 2	<i>NAALAD2</i>	<i>Homo sapiens</i>
TC126237	0.00403519	1.206.754	H/ACA ribonucleoprotein complex subunit 3	<i>nop10</i>	<i>Danio rerio</i>
CUST_3677_PI425536763	0.00403519	12.413.604	RILP-like protein 2	<i>rilpl2</i>	<i>Danio rerio</i>
TC95570	0.00403519	13.648.567			
TC106138	0.00403519	12.154.273	Salmo salar TNFAIP3-interacting protein 2 ( <i>tnip2</i> ), mRNA		
TC115799	0.00403519	13.136.955			
CUST_16038_PI425536763	0.00403519	12.714.667	Metallophosphoesterase MPPED2	<i>MPPED2</i>	<i>Pongo abelii</i>
CUST_3775_PI425536763	0.00403519	12.576.741	Transmembrane protein 160	<i>tmem160</i>	<i>Danio rerio</i>
TC122595	0.00403519	11.979.642	Thioredoxin domain-containing protein 9	<i>Txndc9</i>	<i>Rattus norvegicus</i>
TC106156	0.00403519	13.761.294	UPF0485 protein C1orf144 homolog	<i>zgc:109926</i>	<i>Danio rerio</i>

CUST_7646_PI425536763	0.00403519	11.929.312	Signal peptidase complex subunit 3	<i>SPC22</i>	<i>Gallus gallus</i>
TC111288	0.0040620198	11.605.238	Salmo salar Geranylgeranyl transferase type-2 subunit beta (pgtb), mRNA		
CUST_20488_PI425536763	0.0040620198	12.027.481	Peptidyl-prolyl cis-trans isomerase A	<i>PPIA</i>	<i>Oryctolagus cuniculus</i>
CUST_23444_PI425536763	0.004105885	13.681.972	Puromycin-sensitive aminopeptidase	<i>NPEPPS</i>	<i>Homo sapiens</i>
TC101192	0.0041113705	11.878.511			
TC113502	0.0041113705	11.200.727	Proliferation-associated protein 2G4	<i>Pa2g4</i>	<i>Mus musculus</i>
TC100817	0.0041186283	12.578.121	Vesicle transport protein SFT2C	<i>SFT2D3</i>	<i>Homo sapiens</i>
CUST_23348_PI425536763	0.0041563804	12.422.318	(sp:P18749) Oocyte zinc finger protein XICOF6 (Fragment) OS=Xenopus laevis PE=3 SV=1		
TC107484	0.0041563804	12.986.746	Chromatin modification-related protein MEAF6	<i>meaf6</i>	<i>Danio rerio</i>
TC117233	0.0041563804	13.393.488	Salmo salar Mannose-1-phosphate guanyltransferase alpha-A (gmpaa), mRNA		
TC106266	0.0041617844	15.620.377			
CUST_22291_PI425536763	0.0041617844	11.968.584	Zinc finger homeobox protein 2	<i>ZFHX2</i>	<i>Homo sapiens</i>
CUST_7267_PI425536763	0.0041617844	11.539.831	Syntenin-1	<i>Sdcbp</i>	<i>Mus musculus</i>
TC124157	0.0041617844	1.218.713	AP-1 complex subunit beta-1	<i>AP2B1</i>	<i>Bos taurus</i>

TC100890	0.0041617844	15.057.355	Tropomyosin alpha-1 chain	<i>tpm1</i>	<i>Xenopus laevis</i>
TC101224	0.0041617844	12.332.118	Exonuclease 1	<i>exo1</i>	<i>Danio rerio</i>
TC119712	0.004166583	11.865.593			
CUST_27846_P1425536763	0.004186211	12.476.134	Glutathione S-transferase omega-1	<i>Gsto1</i>	<i>Rattus norvegicus</i>
TC109643	0.0041940003	11.766.108	Endosialin	<i>Cd248</i>	<i>Mus musculus</i>
TC110034	0.004212623	1.593.723	Platelet glycoprotein Ib alpha chain	<i>Gp1ba</i>	<i>Mus musculus</i>
TC118874	0.004212623	12.425.147	Non-structural maintenance of chromosomes element 1 homolog	<i>nsmce1</i>	<i>Xenopus laevis</i>
CUST_20062_P1425536763	0.004212623	12.249.045	Myosin-IXb	<i>MYO9B</i>	<i>Homo sapiens</i>
TC104011	0.004212623	11.866.503	Salmo salar Long-chain-fatty-acid--CoA ligase 4 (acsl4), mRNA		
CUST_4249_P1425536763	0.004212623	11.700.886	Prostaglandin E synthase 2	<i>ptges2</i>	<i>Danio rerio</i>
CUST_6533_P1425536763	0.004241103	15.619.293	Steroid hormone receptor ERR2	<i>ESRRB</i>	<i>Homo sapiens</i>
CUST_12939_P1425536763	0.0042424314	15.484.855	Late cornified envelope-like proline-rich protein 1	<i>LELP1</i>	<i>Bos taurus</i>
TC95383	0.0042424314	13.713.555	Centromere protein M	<i>cenpm</i>	<i>Danio rerio</i>
CUST_10696_P1425536763	0.004247377	11.782.446	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	<i>Dad1</i>	<i>Rattus norvegicus</i>
CUST_8811_P1425536763	0.0042554378	12.588.452	Junctophilin-1	<i>JPH1</i>	<i>Homo sapiens</i>
CUST_13596_P1425536763	0.0042554378	15.224.972	subunit gamma-2	<i>GNG2</i>	<i>Pongo abelii</i>

TC104850	0.0042554378	12.035.586	hypothetical protein [Monosiga brevicollis MX1]		
TC98439	0.0042554378	13.081.746	COP9 signalosome complex subunit 3	<i>cops3</i>	<i>Danio rerio</i>
CUST_28409_PI425536763	0.0042630425	14.218.893	Uncharacterized protein KIAA1688	<i>KIAA1688</i>	<i>Homo sapiens</i>
CUST_27270_PI425536763	0.0042633894	14.493.117	Protein kinase C epsilon type	<i>PRKCE</i>	<i>Oryctolagus cuniculus</i>
TC105049	0.004268723	11.874.813	Salmo salar PCNA-associated factor (paf), mRNA		
TC130720	0.0042962357	12.546.474	PREDICTED: Danio rerio hm:zeh0767 (hm:zeh0767), mRNA		
CUST_25312_PI425536763	0.004297091	13.786.788	Beta-ketoadipyl-CoA thiolase	<i>paaJ</i>	<i>Escherichia coli</i>
TC107334	0.0042976225	13.115.671	Tetratricopeptide repeat protein 32	<i>TTC32</i>	<i>Homo sapiens</i>
TC101672	0.0042976225	13.348.057	Translin	<i>Tsn</i>	<i>Mus musculus</i>
TC100767	0.0043250183	12.270.724	Maltase-glucoamylase, intestinal	<i>MGAM</i>	<i>Homo sapiens</i>
TC129167	0.0043250183	16.170.958	Salmo salar GTPase KRas (rask), mRNA		
CUST_3061_PI425536763	0.0043250183	12.590.998	Homeobox protein Hox-A3a	<i>hoxa3a</i>	<i>Takifugu rubripes</i>
TC118966	0.0043272777	11.639.887	Salmo salar Ras-related protein Rab-9A (rab9a), mRNA		
CUST_4335_PI425536763	0.0043713707	12.218.549	Uncharacterized protein C6orf106 homolog	<i>zgc:101577</i>	<i>Danio rerio</i>
TC122456	0.0043713707	12.054.026	Salmo salar HN1-like protein (hn1l), mRNA		

CUST_3471_PI425536763	0.004376518	12.133.346	U3 small nucleolar RNA-associated protein 6 homolog	<i>UTP6</i>	<i>Homo sapiens</i>
TC105237	0.004385302	11.963.902			
CUST_3661_PI425536763	0.0043947035	1.176.418	Probable protein BRICK1	<i>zgc:86903</i>	<i>Danio rerio</i>
CUST_14459_PI425536763	0.0044034165	12.132.511	39S ribosomal protein L54, mitochondrial	<i>mrpl54</i>	<i>Danio rerio</i>
TC103367	0.004427087	13.035.029	(sp:P48530) Pleiotrophic factor-alpha-1 OS=Xenopus laevis PE=2 SV=1		
CUST_7079_PI425536763	0.004432282	12.630.737	Protein phosphatase inhibitor 2	<i>Ppp1r2</i>	<i>Mus musculus</i>
TC120013	0.004441124	11.745.709	UV excision repair protein RAD23 homolog B	<i>Rad23b</i>	<i>Rattus norvegicus</i>
TC109406	0.004444066	12.012.718	GPN-loop GTPase 2	<i>gpn2</i>	<i>Danio rerio</i>
CUST_5394_PI425536763	0.004444066	11.609.788	Golgi SNAP receptor complex member 2	<i>Gosr2</i>	<i>Mus musculus</i>
TC112395	0.0044558807	11.612.866	Salmo salar hypothetical protein LOC100194706 (LOC100194706), mRNA		
TC103095	0.0044779535	12.129.977	Cyclin-L1	<i>CCNL1</i>	<i>Gallus gallus</i>
TC117887	0.0044779535	11.346.784	Salmo salar 1-O-acylceramide synthase (lypa3), mRNA		
TC107433	0.004485171	14.663.882	Adiponectin	<i>Adipoq</i>	<i>Mus musculus</i>
TC126629	0.0044858046	12.353.373			
TC124170	0.0044858046	11.942.725			
TC118544	0.0044858046	13.860.971	(sp:Q66S03) Nattectin OS=Thalassophryne nattereri PE=2 SV=1		
TC107609	0.0044863983	12.282.718	Replication protein A 32 kDa subunit	<i>RPA2</i>	<i>Homo sapiens</i>

TC111834	0.0044941795	14.536.563	subunit alpha-2	<i>GNAI2</i>	<i>Canis familiaris</i>
TC120586	0.004499752	11.999.496	BSD domain-containing protein 1	<i>bsdc1</i>	<i>Danio rerio</i>
TC100972	0.004516505	12.196.181	Galactokinase	<i>GALK1</i>	<i>Homo sapiens</i>
TC124238	0.0045385496	1.265.581			
TC130656	0.0045385496	11.788.538			
CUST_15078_PI425536763	0.00454155	17.025.243	Rho GTPase-activating protein 21	<i>ARHGAP21</i>	<i>Homo sapiens</i>
CUST_5556_PI425536763	0.0045564906	1.232.876	KIF1-binding protein homolog	<i>kbp</i>	<i>Danio rerio</i>
CUST_16772_PI425536763	0.004559814	15.116.096	Nuclear factor 1 X-type	<i>Nfix</i>	<i>Mus musculus</i>
TC122204	0.004559814	12.768.953	Salmo salar Ras association domain-containing protein 2 (rasf2), mRNA		
TC110545	0.0045728125	12.893.577	Ras-related protein Ral-B	<i>RALB</i>	<i>Pongo abelii</i>
TC118677	0.004578197	13.165.584	serum amyloid A [Oncorhynchus mykiss]		
TC111397	0.0045918315	12.168.607	COX assembly mitochondrial protein homolog	<i>CMC1</i>	<i>Bos taurus</i>
TC122067	0.0045958613	11.839.416			
TC120058	0.0045958613	128.987	Pyrroline-5-carboxylate reductase 3	<i>pycrl</i>	<i>Danio rerio</i>
CUST_5506_PI425536763	0.004606327	11.386.479	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform	<i>ppp2r2b</i>	<i>Carassius auratus</i>
TC129783	0.0046158237	13.159.049	Salmo salar GTP-binding protein SAR1a (sar1a), mRNA		
TC116621	0.0046338653	1.255.799	N-acetylgalactosamine kinase	<i>Galk2</i>	<i>Rattus norvegicus</i>

CUST_9926_PI425536763	0.0046338653	12.143.471	Tubulin beta-4 chain	<i>Tubb4</i>	<i>Mus musculus</i>
CUST_6588_PI425536763	0.0046338653	12.476.265	Ribonuclease P protein subunit p20	<i>POP7</i>	<i>Homo sapiens</i>
CUST_21584_PI425536763	0.0046338653	11.866.691	(sp:O65806) Protein mago nashi homolog OS=Euphorbia lagascae PE=2 SV=1		
TC108427	0.0046338653	11.640.041	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	<i>DAD1</i>	<i>Gallus gallus</i>
CUST_9091_PI425536763	0.0046338653	12.074.833	UDP-GlcNAc:betaGal beta-1,3-N- acetylglucosaminyltransferase 5A	<i>b3gnt5a</i>	<i>Danio rerio</i>
TC95095	0.0046338653	11.878.982	(sp:Q58DG1) UPF0160 protein MYG1, mitochondrial OS=Bos taurus PE=2 SV=1		
TC128082	0.0046341023	12.604.997	Rho-related GTP-binding protein RhoN	<i>Rnd2</i>	<i>Mus musculus</i>
TC113641	0.0046341023	12.334.173	hypothetical protein LOC558894 [Danio rerio]		
TC102315	0.0046341023	11.647.238			
TC113333	0.0046341023	12.044.611			
CUST_10821_PI425536763	0.0046341023	14.412.607	Immediate early response 3-interacting protein 1	<i>ier3ip1</i>	<i>Danio rerio</i>
CUST_13553_PI425536763	0.0046341023	11.739.321	SH2 domain-containing protein 1A	<i>SH2D1A</i>	<i>Saguinus oedipus</i>
CUST_14927_PI425536763	0.0046341023	12.114.936	Transcription factor PU.1	<i>SPI1</i>	<i>Homo sapiens</i>
CUST_24524_PI425536763	0.0046341023	12.944.676	Solute carrier family 25 member 46	<i>slc25a46</i>	<i>Danio rerio</i>



TC121213	0.0046341023	12.892.315	Proteasome assembly chaperone 4	<i>Psmg4</i>	<i>Mus musculus</i>
TC123126	0.0046341023	11.114.632	Transmembrane protein 136	<i>tmem136</i>	<i>Danio rerio</i>
TC122886	0.0046543903	12.937.204	SOSS complex subunit C	<i>ssbip1</i>	<i>Salmo salar</i>
TC105989	0.0046543903	12.254.901	Ribosome biogenesis protein wdr12	<i>wdr12</i>	<i>Salmo salar</i>
TC104044	0.0046543903	11.413.329	Somatostatin-1A	<i>sst1a</i>	<i>Carassius auratus</i>
CUST_28493_P1425536763	0.004672302	12.055.428	Transmembrane protein 85	<i>tmem85</i>	<i>Salmo salar</i>
TC99383	0.0046733473	12.986.076			
CUST_1848_P1425536763	0.0046733473	12.171.834	Selenide, water dikinase 1	<i>SEPHS1</i>	<i>Pongo abelii</i>
TC97075	0.0046733473	12.462.953	Synaptotagmin-11	<i>Syt11</i>	<i>Mus musculus</i>
CUST_4275_P1425536763	0.0046775863	1.234.374	Peptidyl-prolyl cis-trans isomerase H	<i>PPIH</i>	<i>Homo sapiens</i>
CUST_5153_P1425536763	0.004680732	12.419.728	Fumarylacetoacetate hydrolase domain-containing protein 1	<i>Fahd1</i>	<i>Rattus norvegicus</i>
TC114774	0.004680732	14.220.374	Receptor-type tyrosine-protein phosphatase delta	<i>PTPRD</i>	<i>Homo sapiens</i>
CUST_3120_P1425536763	0.0046844347	11.860.191	(sp:P48532) Pleiotrophic factor-beta-1 OS=Xenopus laevis PE=2 SV=1		
CUST_16952_P1425536763	0.0046844347	12.180.558	Sorbitol dehydrogenase	<i>SORD</i>	<i>Bos taurus</i>
CUST_25859_P1425536763	0.0046844347	13.456.976	(sp:P02264) Histone H2A OS=Oncorhynchus mykiss PE=1 SV=2		
TC111310	0.0046844347	13.739.116			
TC95737	0.0046844347	12.810.912	Group XIIA secretory phospholipase A2	<i>PLA2G12A</i>	<i>Homo sapiens</i>

CUST_77_P1425708691 TC106880	0.0046844347 0.0046844347	1.255.976 13.227.502	Transcription factor E2F4	<i>E2F4</i>	<i>Homo sapiens</i>
CUST_4533_P1425536763	0.0046844347	13.191.134	Proteasome subunit alpha type-1	<i>PSMA1</i>	<i>Homo sapiens</i>
TC120145	0.0047095655	12.484.236	Protein slowmo homolog 2	<i>Slmo2</i>	<i>Rattus norvegicus</i>
TC109738	0.0047095655	12.327.774			
TC114114	0.0047095655	13.394.744	Actin-like protein 6A	<i>ACTL6A</i>	<i>Macaca fascicularis</i>
TC114417	0.0047095655	14.982.666	Salmo salar Targeting protein for Xklp2 (tpx2), mRNA		
TC130450	0.004710971	12.255.379	RNA-directed DNA polymerase from mobile element jockey	<i>pol</i>	<i>Drosophila melanogaster</i>
CUST_2122_P1425536763	0.004710971	12.740.194	Dual specificity protein phosphatase 13 isoform MDSP	<i>DUSP13</i>	<i>Homo sapiens</i>
TC105340	0.004710971	12.477.912	N6-adenosine-methyltransferase 70 kDa subunit	<i>Mettl3</i>	<i>Mus musculus</i>
CUST_6434_P1425536763	0.004710971	12.082.099	Cartilage-associated protein	<i>Crtap</i>	<i>Mus musculus</i>
TC117415	0.004710971	12.025.669	Cell division control protein 42 homolog	<i>Cdc42</i>	<i>Mus musculus</i>
CUST_21775_P1425536763	0.004710971	1.181.443	Mitogen-activated protein kinase scaffold protein 1	<i>MAPKSP1</i>	<i>Taeniopygia guttata</i>
CUST_12112_P1425536763	0.004710971	13.050.264	Programmed cell death protein 2 (Fragment)	<i>Pdcd2</i>	<i>Rattus norvegicus</i>
TC105308	0.004710971	11.828.519			
TC98881	0.004717184	12.090.071			

TC124008	0.004729345	1.254.761	Ras-GEF domain-containing family member 1B-B	<i>rasgef1bb</i>	<i>Danio rerio</i>
TC96179	0.00473274	12.078.217	Peptidyl-prolyl cis-trans isomerase FKBP2	<i>Fkbp2</i>	<i>Mus musculus</i>
TC96690	0.004747186	11.721.487	Protein FADD	<i>Fadd</i>	<i>Mus musculus</i>
CUST_151_Pi425708691	0.004751503	12.375.784	phosphoenolpyruvate		
CUST_13736_Pi425536763	0.0047551976	13.516.923	Cleavage stimulation factor subunit 1	<i>CSTF1</i>	<i>Pongo abelii</i>
CUST_3108_Pi425536763	0.0047551976	13.846.501	Mitotic spindle assembly checkpoint protein MAD2B	<i>MAD2L2</i>	<i>Homo sapiens</i>
TC100214	0.0047593936	11.471.244	Transmembrane protein 167B	<i>tmem167b</i>	<i>Danio rerio</i>
CUST_7335_Pi425536763	0.0047593936	11.239.525	60S ribosomal protein L15	<i>rpl15</i>	<i>Anguilla japonica</i>
TC118808	0.0047747293	11.607.163	Salmo salar Gamma-glutamyltranspeptidase 1 (ggt1), mRNA		
TC123612	0.0048048706	13.166.497			
CUST_1967_Pi425536763	0.0048048706	11.995.934	DNA repair protein RAD51 homolog 3	<i>RAD51C</i>	<i>Homo sapiens</i>
TC117408	0.0048126886	11.797.479			
CUST_16299_Pi425536763	0.0048138388	14.983.339	PHD finger protein 2	<i>PHF2</i>	<i>Homo sapiens</i>
TC116817	0.004816203	13.761.194			
TC114921	0.0048606344	12.398.212	Solute carrier family 25 member 46	<i>slc25a46</i>	<i>Danio rerio</i>
TC106482	0.0048606344	12.402.539	Far upstream element-binding protein 3	<i>FUBP3</i>	<i>Homo sapiens</i>
TC96658	0.0048621497	12.451.673			
TC112200	0.004905508	12.132.255	Heterogeneous nuclear ribonucleoprotein U-like protein 1	<i>Hnrnpul1</i>	<i>Mus musculus</i>

CUST_4424_Pi425536763	0.0049057705	12.671.448	EGF, latrophilin seven transmembrane domain-containing protein 1	<i>Elt1</i>	<i>Mus musculus</i>
TC104181	0.004911011	12.830.422	39S ribosomal protein L32, mitochondrial	<i>Mrpl32</i>	<i>Mus musculus</i>
TC99829	0.004924764	12.189.757			
TC126753	0.0049266173	11.377.541	UPF0691 protein C9orf116 homolog	<i>si:ch211-248e11.2</i>	<i>Danio rerio</i>
CUST_17725_Pi425536763	0.0049266173	12.593.446	NHP2-like protein 1	<i>nhp211</i>	<i>Xenopus tropicalis</i>
TC98579	0.0049266173	11.682.786	Putative RNA-binding protein 15	<i>RBM15</i>	<i>Homo sapiens</i>
CUST_5411_Pi425536763	0.004944926	1.148.075	Splicing factor, arginine/serine-rich 3	<i>Sfrs3</i>	<i>Mus musculus</i>
TC128805	0.004944926	11.588.855	TNF receptor-associated factor 3	<i>Traf3</i>	<i>Mus musculus</i>
CUST_417_Pi425536763	0.004961232	13.188.614	Pre-mRNA branch site protein p14	<i>Sf3b14</i>	<i>Mus musculus</i>
CUST_1475_Pi425536763	0.004981343	11.879.382	Protein canopy homolog 2	<i>CNPY2</i>	<i>Homo sapiens</i>
CUST_5003_Pi425536763	0.004981343	12.106.354	Flap endonuclease 1-B	<i>fen1-B</i>	<i>Xenopus laevis</i>
TC117324	0.004981343	12.034.622	Prostaglandin E synthase 3	<i>PTGES3</i>	<i>Pongo abelii</i>
TC125920	0.004981343	12.312.121			
TC115931	0.004981343	1.294.907	Charged multivesicular body protein 1b	<i>chmp1b</i>	<i>Danio rerio</i>

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