AVERAGE	stdv	SEM	Gene	Description
2,49875	1,91114859	0,95557429	Scya11	PA adhesion mono.chemot. Mm.4686 Small inducible cytokine A11
2,2005	1,13296381	0,56648191	Thbs3	PA adhesion thrombospodin 3 Mm.2114 Thrombospondin 3
3,01975	0,44581489	0,22290745	Bnip3	PA apoptosis NIP3 Mm.2159 Mus musculus E1B 19K/Bcl-2-binding protein homolog (Nip3) mRNA nuclear gene enc
0,54	0,20474211	0,10237106	Cdc2a	PA cell cycle CDC2 Mm.4761 Cell division cycle control protein 2a
0,45	0,17028995	0,08514497	Ccnb1-rs1	PA cell cycle cyclin B Mm.22569 Cyclin B1 related sequence 1
2,127	0,51846054	0,25923027	Ccnd1	PA cell cycle cyclin D1 Mm.35804 Cyclin D1
0,4595	0,09500351	0,04750175		PA EmptyWell
2,26033333	1,3103207	0,65516035	Bmp1	PA hormone/GF bone morph.1 Mm.27757 Bone morphogenetic protein 1
5,07475	4,2975377	2,14876885	Col1a1	PA hormone/GF growth/diff 1 Mm.22621 Procollagen type I alpha 1
1,922	0,33695005	0,16847502	Ppp3ca	PA modification calcineurin-cs Mm.293 Mouse calcineurin catalytic subunit mRNA complete cds
2,8635	0,54098953	0,27049476	Klf5	PA TF trans.elem.bind Mm.30262 ESTs Highly similar to ERYTHROID KRUEPPEL-LIKE TRANSCRIPTION FACTO
2,642	0,21702765	0,10851382	Egln1	UG3 EGL nine homolog 1 (C. elegans)
3,3165	1,91141562	0,95570781		UG3 ESTs, Weakly similar to S61553 probable proteinase inhibitor wdnm1 precursor - mouse [M.musculus]
1,00425	0,85036634	0,42518317	AA986712	UG3 expressed sequence AA986712
0,3975	0,1247571	0,06237855	AW536573	UG3 expressed sequence AW536573
1,37275	1,64394432	0,82197216	H1fo-pending	UG3 H1 histone family, member O (oocyte-specific)
2,423	0,17181967	0,08590984	Hig1-pending	UG3 hypoxia induced gene 1
3,083	0,58195933	0,29097967	Mrps18b	UG3 Mrps18b
2,635	0,5550045	0,27750225		UG3 Mus musculus, clone IMAGE:3485144, mRNA
0,52	0,19583922	0,09791961		UG3 RIKEN cDNA 1300002E07 gene
0,66475	0,53202906	0,26601453		UG3 RIKEN cDNA 5730454C12 gene
2,7025	0,97802573	0,48901287		UG3 RIKEN cDNA 7420700M11 gene
0,7215	0,36414695	0,18207347	Spry1	UG3 sprouty homolog 1 (Drosophila)
0,8655	0,68335959	0,3416798	Snd1-pending	UG3 staphylococcal nuclease domain containing 1
2,392	0,79701129	0,39850565	Hpcl-pending	UG5 2-hydroxyphytanoyl-CoA lyase
0,5065	0,22059087	0,11029544	Phgdh	UG5 3-phosphoglycerate dehydrogenase
0,40175	0,13158109	0,06579055	Phgdh	UG5 3-phosphoglycerate dehydrogenase
3,748	1,46970133	0,73485067	Adam8	UG5 a disintegrin and metalloprotease domain 8
3,446	2,48057991	1,24028995	Adam12	UG5 a disintegrin and metalloproteinase domain 12 (meltrin alpha)
2,247	1,25235857	0,62617929	Adam19	UG5 a disintegrin and metalloproteinase domain 19 (meltrin beta)
1,9555	0,76691308	0,38345654	Adam19	UG5 a disintegrin and metalloproteinase domain 19 (meltrin beta)

2,01125	0,41122611	0,20561306	Adam9	UG5 a disintegrin and metalloproteinase domain 9 (meltrin gamma)
0,336	0,20108373	0,10054187	Acas2	UG5 acetyl-Coenzyme A synthetase 2
0,4955	0,0678061	0,03390305	Aco1	UG5 aconitase 1
2,114	0,18899383	0,09449691	Arpc5	UG5 actin related protein 2/3 complex, subunit 5 (165 kDa)
1,7565	0,83092298	0,41546149	Actn1	UG5 actinin, alpha 1
1,7415	0,90108916	0,45054458	Adcy7	UG5 adenylate cyclase 7
0,38125	0,21759653	0,10879827	Akl3l-pendin	UG5 adenylate kinase 3 alpha like
2,30775	0,32967598	0,16483799	Cap1	UG5 adenylyl cyclase-associated CAP protein homolog 1 (S. cerevisiae, S. pombe)
0,4915	0,08228609	0,04114304	Adprt1	UG5 ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase) 1
0,4875	0,24576479	0,1228824	Akp2	UG5 alkaline phosphatase 2, liver
0,697	0,39781989	0,19890995	Akp2	UG5 alkaline phosphatase 2, liver
2,46025	0,4192377	0,20961885	App	UG5 amyloid beta (A4) precursor protein
1,8635	0,60428553	0,30214276	Aplp1	UG5 amyloid beta (A4) precursor-like protein 1
1,8525	0,72238009	0,36119005	Aplp2	UG5 amyloid beta (A4) precursor-like protein 2
0,43	0,23046764	0,11523382	Als2	UG5 amyotrophic lateral sclerosis 2 (juvenile) homolog (human)
2,221	0,67837502	0,33918751	Amotl2	UG5 angiomotin like 2
1,947	0,83006265	0,41503132	Agtrl1	UG5 angiotensin receptor-like 1
6,22675	1,01743841	0,5087192	Anxa2	UG5 annexin A2
3,89425	0,70178077	0,35089039	Anxa3	UG5 annexin A3
2,08925	0,1380323	0,06901615	Anxa5	UG5 annexin A5
1,69675	1,05205398	0,52602699	Apaf1	UG5 apoptotic protease activating factor 1
0,58675	0,14001042	0,07000521	Apex	UG5 apurinic/apyrimidinic endonuclease
1,7045	0,73846801	0,369234	Aqp1	UG5 aquaporin 1
2,518	0,73712188	0,36856094	Ahr	UG5 aryl-hydrocarbon receptor
0,195	0,09681942	0,04840971	Asns	UG5 asparagine synthetase
0,48566667	0,02809508	0,01404754	Atp5g1	UG5 ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1
0,542	0,07406754	0,03703377	Atp5g2	UG5 ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2
3,344	2,22353382	1,11176691	Atp2a1	UG5 ATPase, Ca++ transporting, cardiac muscle, fast twitch 1
0,44125	0,031106	0,015553	Abcb6	UG5 ATP-binding cassette, sub-family B (MDR/TAP), member 6
0,58225	0,30936104	0,15468052	Abcg2	UG5 ATP-binding cassette, sub-family G (WHITE), member 2
3,209	1,1608003	0,58040015	Axin2	UG5 axin2
4,60075	2,02567756	1,01283878	Axl	UG5 AXL receptor tyrosine kinase
0,51825	0,05372383	0,02686192	Bcap37	UG5 B-cell receptor-associated protein 37

2,43	0,43449741	0,21724871	Bnip2	UG5 BCL2/adenovirus E1B 19 kDa-interacting protein 1, NIP2
3,39625	0,67598736	0,33799368	Bnip3	UG5 BCL2/adenovirus E1B 19 kDa-interacting protein 1, NIP3
1,905	0,48774379	0,24387189	Biklk	UG5 Bcl2-interacting killer-like
1,59725	0,67938078	0,33969039	Bok	UG5 Bcl-2-related ovarian killer protein
2,91125	0,54183415	0,27091708	B2m	UG5 beta-2 microglobulin
3,809	1,6093624	0,8046812	Btrc	UG5 beta-transducin repeat containing protein
2,62575	1,79393559	0,8969678	Bicc1	UG5 bicaudal C homolog 1 (Drosophila)
4,528	2,8354032	1,4177016	Bgn	UG5 biglycan
3,713	1,67178168	0,83589084	Bgn	UG5 biglycan
3,39525	1,61745281	0,8087264	Bmp1	UG5 bone morphogenetic protein 1
2,92775	1,64149208	0,82074604	Bmp1	UG5 bone morphogenetic protein 1
2,43325	1,25478614	0,62739307	Basp1	UG5 brain abundant, membrane attached signal protein 1
0,45525	0,09492585	0,04746292	Bcat2	UG5 branched chain aminotransferase 2, mitochondrial
0,475	0,21794189	0,10897094	Bckdk	UG5 branched chain ketoacid dehydrogenase kinase
2,62575	1,34240714	0,67120357	Bcar3	UG5 breast cancer anti-estrogen resistance 3
2,467	0,54283147	0,27141573	Bcar3	UG5 breast cancer anti-estrogen resistance 3
1,8965	0,92168306	0,46084153	Cdh13	UG5 cadherin 13
2,05175	1,03965808	0,51982904	Cdh3	UG5 cadherin 3
2,80575	1,35837829	0,67918915	Cast	UG5 calpastatin
2,88625	1,31298804	0,65649402	Cnn2	UG5 calponin 2
2,10525	0,47017683	0,23508841	Cnn2	UG5 calponin 2
2,1985	0,9416859	0,47084295	Chst2	UG5 carbohydrate sulfotransferase 2
0,04925	0,02979234	0,01489617	Car6	UG5 carbonic anhydrase 6
0,42666667	0,16059992	0,08029996	Cals1	UG5 carbonic anhydrase-like sequence 1
4,4375	1,09587362	0,54793681	Cpe	UG5 carboxypeptidase E
2,748	1,62810073	0,81405037	Cpxm1	UG5 carboxypeptidase X 1 (M14 family)
2,331	0,25531288	0,12765644	Catna1	UG5 catenin alpha 1
2,08425	0,22426082	0,11213041	Ctsc	UG5 cathepsin C
3,0705	2,02418782	1,01209391	Ctsl	UG5 cathepsin L
3,367	1,74367486	0,87183743	Ctss	UG5 cathepsin S
4,889	2,88361914	1,44180957	Cav	UG5 caveolin, caveolae protein, 22 kDa
3,804	2,13749027	1,06874514	Cav	UG5 caveolin, caveolae protein, 22 kDa
2,6175	0,66387624	0,33193812	Cd36	UG5 CD36 antigen

3,1895	0,35596489	0,17798244	Cd44	UG5 CD44 antigen
2,077	0,14816657	0,07408329	Cd53	UG5 CD53 antigen
2,122	0,57249803	0,28624902	Cd53	UG5 CD53 antigen
1,88625	0,8517462	0,4258731	AF155546	UG5 cDNA sequence AF155546
0,34625	0,09666911	0,04833455	Ceacam1	UG5 CEA-related cell adhesion molecule 1
0,42125	0,16424651	0,08212326	Ceacam2	UG5 CEA-related cell adhesion molecule 2
0,581	0,22003636	0,11001818	Cnbp	UG5 cellular nucleic acid binding protein
1,8805	0,1665683	0,08328415	Cln2	UG5 ceroid-lipofuscinosis, neuronal 2
1,4735	0,79541289	0,39770645	Cntf	UG5 ciliary neurotropic factor
0,5075	0,2552835	0,12764175	Cldn2	UG5 claudin 2
4,34575	0,85256021	0,42628011	Clp-pending	UG5 coactosin-like protein
2,403	1,4946266	0,7473133	C1r	UG5 complement component 1, r subcomponent
1,52825	0,79567094	0,39783547	C1r	UG5 complement component 1, r subcomponent
2,7965	1,83759272	0,91879636	C2	UG5 complement component 2 (within H-2S)
3,87	2,56043837	1,28021919	Cfh	UG5 complement component factor h
1,9035	0,36098246	0,18049123	Coro1a	UG5 coronin, actin binding protein 1A
0,448	0,03676955	0,01838478	Arpp19-pendi	UG5 cyclic AMP phosphoprotein, 19 kDa
2,63525	1,15765492	0,57882746	Ccnd2	UG5 cyclin D2
3,48575	0,57065306	0,28532653	Ccng	UG5 cyclin G
2,5635	0,67240935	0,33620467	Ccng	UG5 cyclin G
2,647	0,58433552	0,29216776	Cdkn1a	UG5 cyclin-dependent kinase inhibitor 1A (P21)
3,8655	0,83439899	0,41719949	Cstb	UG5 cystatin B
2,73725	0,38570833	0,19285417	Cst3	UG5 cystatin C
2,50925	1,14695376	0,57347688	Csrp2	UG5 cysteine-rich protein 2
2,124	0,51429758	0,25714879	Csrp3	UG5 cysteine-rich protein 3
0,2145	0,12303252	0,06151626	Cyp2f2	UG5 cytochrome P450, 2f2
0,618	0,19375242	0,09687621	Cct5	UG5 chaperonin subunit 5 (epsilon)
0,37	0,24413248	0,12206624	Cspg5	UG5 chondroitin sulfate proteoglycan 5
0,478	0,17706872	0,08853436	Cbx3	UG5 chromobox homolog 3 (Drosophila HP1 gamma)
3,70575	0,73355817	0,36677908	Cbx5	UG5 chromobox homolog 5 (Drosophila HP1a)
0,65075	0,33900184	0,16950092	Dazap1	UG5 DAZ associated protein 1
2,49175	1,18307998	0,59153999	Dapk2	UG5 death-associated kinase 2
0,4885	0,12677671	0,06338835	Deaf1	UG5 deformed epidermal autoregulatory factor 1 (Drosophila)

3,302	3,35703778	1,67851889	Dpt	UG5 dermatopontin
8,28475	3,96240166	1,98120083	Dsc2	UG5 desmocollin 2
2,81625	1,29877105	0,64938553	Dkk3	UG5 dickkopf homolog 3 (Xenopus laevis)
2,4295	0,89501601	0,44750801	Dpp4	UG5 dipeptidylpeptidase 4
2,8565	0,47446865	0,23723433	D11Bwg1104e	UG5 DNA segment, Chr 11, Brigham & Women's Genetics 1104 expressed
1,994	0,37547747	0,18773874	D11Moh34	UG5 DNA segment, Chr 11, KL Mohlke 34
2,30575	1,20228848	0,60114424	D11Wsu78e	UG5 DNA segment, Chr 11, Wayne State University 78, expressed
2,173	0,70658805	0,35329402	D15Wsu77e	UG5 DNA segment, Chr 15, Wayne State University 77, expressed
2,03225	0,47427445	0,23713722	D19Wsu162e	UG5 DNA segment, Chr 19, Wayne State University 162, expressed
2,09025	0,70116064	0,35058032	D2Ertd120e	UG5 DNA segment, Chr 2, ERATO Doi 120, expressed
0,456	0,11531117	0,05765559	D7Wsu128e	UG5 DNA segment, Chr 7, Wayne State University 128, expressed
0,5255	0,12497066	0,06248533	DXErtd793e	UG5 DNA segment, Chr X, ERATO Doi 793, expressed
2,72675	0,93106547	0,46553274	Dnajb1	UG5 DnaJ (Hsp40) homolog, subfamily B, member 1
5,64375	5,20576804	2,60288402	Dnajb12	UG5 DnaJ (Hsp40) homolog, subfamily B, member 12
0,5315	0,22138127	0,11069063	Dnahc11	UG5 dynein, axon, heavy chain 11
1,8305	0,30654472	0,15327236	Dnclc1	UG5 dynein, cytoplasmic, light chain 1
3,85125	1,47563373	0,73781687	Dst	UG5 dystonin
1,54025	0,65188873	0,32594437	Ets1	UG5 E26 avian leukemia oncogene 1, 5' domain
0,214	0,07733477	0,03866739	Enc1	UG5 ectodermal-neural cortex 1
0,46375	0,32399833	0,16199916	Enc1	UG5 ectodermal-neural cortex 1
0,19466667	0,04981298	0,02490649	Enc1	UG5 ectodermal-neural cortex 1
0,23775	0,14203609	0,07101804	Enc1	UG5 ectodermal-neural cortex 1
0,531	0,13718843	0,06859422	Entpd5	UG5 ectonucleoside triphosphate diphosphohydrolase 5
0,46825	0,10053979	0,0502699	Enpp5	UG5 ectonucleotide pyrophosphatase/phosphodiesterase 5
0,70125	0,4816066	0,2408033	Enpp5	UG5 ectonucleotide pyrophosphatase/phosphodiesterase 5
2,334	0,19543968	0,09771984	Egln3	UG5 EGL nine homolog 3 (C. elegans)
2,04425	0,80439227	0,40219613	Elk3	UG5 ELK3, member of ETS oncogene family
1,99275	0,96092989	0,48046494	Emcn-pending	UG5 endomucin
0,50725	0,12973916	0,06486958	Elmo1	UG5 engulfment and cell motility 1, ced-12 homolog (C. elegans)
2,3605	1,02974091	0,51487045	Efemp2	UG5 epidermal growth factor-containing fibulin-like extracellular matrix protein 2
1,8155	0,31223229	0,15611614	Eplin-pendin	UG5 epithelial protein lost in neoplasm
3,5705	2,43529389	1,21764695	Epb7.2	UG5 erythrocyte protein band 7.2
4,07	1,89656198	0,94828099	AA175286	UG5 EST AA175286

3,79325	1,39252011	0,69626005	AA175286	UG5 EST AA175286
0,39975	0,10960953	0,05480477	AI426782	UG5 EST AI426782
0,711	0,3754828	0,1877414	Ebag9	UG5 estrogen receptor-binding fragment-associated gene 9
4,193	3,94879847	1,97439923		UG5 ESTs
3,80975	3,0529027	1,52645135		UG5 ESTs
3,86675	2,13305389	1,06652695		UG5 ESTs
3,62575	2,31817405	1,15908702		UG5 ESTs
4,23975	1,01915075	0,50957537		UG5 ESTs
3,95	1,33299087	0,66649544		UG5 ESTs
2,61366667	1,49725426	0,74862713		UG5 ESTs
2,23625	1,44016952	0,72008476		UG5 ESTs
1,965	0,94049526	0,47024763		UG5 ESTs
2,027	0,70409422	0,35204711		UG5 ESTs
1,84575	0,34727931	0,17363965		UG5 ESTs
2,2575	0,55878469	0,27939235		UG5 ESTs
1,90225	0,8412409	0,42062045		UG5 ESTs
1,8765	0,78369233	0,39184616		UG5 ESTs
1,7515	0,67144893	0,33572447		UG5 ESTs
2,03525	0,42861123	0,21430561		UG5 ESTs
1,822	0,62783597	0,31391798		UG5 ESTs
0,49275	0,11312346	0,05656173		UG5 ESTs
0,61375	0,27426675	0,13713337		UG5 ESTs
0,35	0,0301883	0,01509415		UG5 ESTs
0,6515	0,27298901	0,13649451		UG5 ESTs
0,392	0,09444928	0,04722464		UG5 ESTs
28,4005	18,4126889	9,20634447		UG5 ESTs, Highly similar to CYT3 MOUSE STEFIN 3 [M.musculus]
6,95566667	1,21263735	0,60631867		UG5 ESTs, Highly similar to CYT3 MOUSE STEFIN 3 [M.musculus]
5,877	3,03167028	1,51583514		UG5 ESTs, Highly similar to MAF2 MOUSE TRANSCRIPTION FACTOR MAF2 [M.musculus]
0,538	0,25310077	0,12655039		UG5 ESTs, Highly similar to SR68_HUMAN SIGNAL RECOGNITION PARTICLE 68 KDA PROTEIN (SRP68) [H.sap
0,44	0,02007486	0,01003743		UG5 ESTs, Highly similar to unknown [M.musculus]
2,60975	0,97397206	0,48698603		UG5 ESTs, Moderately similar to extracellular glycoprotein EMILIN-2 precursor [Homo sapiens] [H.sapiens]
5,39725	1,97888325	0,98944162		UG5 ESTs, Moderately similar to STEFIN 2 [M.musculus]
4,42725	0,68007812	0,34003906		UG5 ESTs, Moderately similar to TROPOMYOSIN 5, CYTOSKELETAL TYPE [M.musculus]

0,5475	0,10812493	0,05406246		UG5 ESTs, Moderately similar to Y153_HUMAN HYPOTHETICAL PROTEIN KIAA0153 [H.sapiens]
2,20725	0,5199887	0,25999435		UG5 ESTs, Weakly similar to ADP-ribosylation-like 4 [Mus musculus] [M.musculus]
0,6115	0,27340995	0,13670497		UG5 ESTs, Weakly similar to GNMSLL retrovirus-related reverse transcriptase homolog - mouse retrotransposon [M.
0,522	0,15994374	0,07997187		UG5 ESTs, Weakly similar to I49636 DNA-binding protein - mouse [M.musculus]
1,70075	0,5844116	0,2922058		UG5 ESTs, Weakly similar to LMA1 MOUSE LAMININ ALPHA-1 CHAIN PRECURSOR [M.musculus]
0,6025	0,25781324	0,12890662		UG5 ESTs, Weakly similar to mucin [R.norvegicus]
1,37975	0,6736158	0,3368079		UG5 ESTs, Weakly similar to T08805 hypothetical protein DKFZp586H2123.1 [H.sapiens]
1,9135	0,85369569	0,42684785		UG5 ESTs, Weakly similar to T31511 hypothetical protein Y116A8C.9 - Caenorhabditis elegans [C.elegans]
0,43575	0,06740116	0,03370058		UG5 ESTs, Weakly similar to TYROSINE-PROTEIN KINASE JAK3 [M.musculus]
3,63075	2,93806165	1,46903082		UG5 ESTs, Weakly similar to YP89_CAEEL HYPOTHETICAL 21.5 KD PROTEIN C08B11.9 IN CHROMOSOME II (1
2,422	1,4198021	0,70990105	EIG180	UG5 ethanol induced gene product EIG180
0,5215	0,23221613	0,11610807	Eif2ak3	UG5 eukaryotic translation initiation factor 2 alpha kinase 3
0,46925	0,07718106	0,03859053	Eif2ak3	UG5 eukaryotic translation initiation factor 2 alpha kinase 3
0,467	0,2389742	0,1194871	Eif2s3x	UG5 eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked
0,5545	0,15287795	0,07643897	Eif3	UG5 eukaryotic translation initiation factor 3
2,37275	0,7014387	0,35071935	Es2el	UG5 expressed sequence 2 embryonic lethal
11,06475	2,28326628	1,14163314	AA407888	UG5 expressed sequence AA407888
2,45266667	1,20651993	0,60325996	AA408225	UG5 expressed sequence AA408225
1,6385	0,75569416	0,37784708	AA408225	UG5 expressed sequence AA408225
10,37875	1,91928431	0,95964215	AA589382	UG5 expressed sequence AA589382
0,302	0,1293445	0,06467225	AA960140	UG5 expressed sequence AA960140
0,2715	0,09785874	0,04892937	AA960140	UG5 expressed sequence AA960140
0,46625	0,07481254	0,03740627	AA986363	UG5 expressed sequence AA986363
2,047	0,87536849	0,43768425	AA986839	UG5 expressed sequence AA986839
2,86625	0,72394492	0,36197246	AA987150	UG5 expressed sequence AA987150
1,85025	1,07607353	0,53803677	AI173274	UG5 expressed sequence AI173274
2,01375	0,3796528	0,1898264	AI182284	UG5 expressed sequence AI182284
2,1915	0,54895082	0,27447541	AI195350	UG5 expressed sequence AI195350
2,4245	0,30431398	0,15215699	AI255215	UG5 expressed sequence AI255215
3,25925	2,26136926	1,13068463	AI413331	UG5 expressed sequence AI413331
3,4995	1,00640234	0,50320117	AI415285	UG5 expressed sequence AI415285
2,225	0,38008508	0,19004254	AI425999	UG5 expressed sequence AI425999
0,6235	0,22185506	0,11092753	AI447493	UG5 expressed sequence AI447493

0,4575	0,05761076	0,02880538	AI463271	UG5 expressed sequence AI463271
1,87775	0,45651533	0,22825767	AI465155	UG5 expressed sequence AI465155
1,872	0,67204067	0,33602034	AI480836	UG5 expressed sequence AI480836
2,31	1,5782296	0,7891148	AI504062	UG5 expressed sequence AI504062
2,74533333	0,73763564	0,36881782	AI504489	UG5 expressed sequence AI504489
1,73725	0,54524941	0,2726247	AI528491	UG5 expressed sequence AI528491
2,0055	0,32720483	0,16360241	AI562151	UG5 expressed sequence AI562151
1,78725	0,69027694	0,34513847	AI646975	UG5 expressed sequence AI646975
0,62925	0,27166324	0,13583162	AI746547	UG5 expressed sequence AI746547
2,4465	0,31813467	0,15906733	AI788669	UG5 expressed sequence AI788669
2,98625	0,72008998	0,36004499	AI789751	UG5 expressed sequence AI789751
3,93575	1,48457544	0,74228772	AI790205	UG5 expressed sequence AI790205
1,6935	1,04086583	0,52043291	AI834976	UG5 expressed sequence AI834976
0,19025	0,07791181	0,0389559	AI848120	UG5 expressed sequence AI848120
0,40675	0,36564954	0,18282477	AI848120	UG5 expressed sequence AI848120
0,38266667	0,0568712	0,0284356	AI852992	UG5 expressed sequence AI852992
2,8785	1,61736607	0,80868303	AI893585	UG5 expressed sequence AI893585
0,41	0,10611629	0,05305814	AI987814	UG5 expressed sequence AI987814
0,55425	0,17741547	0,08870774	AL022800	UG5 expressed sequence AL022800
1,79125	0,61148692	0,30574346	AL024016	UG5 expressed sequence AL024016
0,54075	0,08496813	0,04248407	AU014939	UG5 expressed sequence AU014939
0,469	0,07157746	0,03578873	AU014939	UG5 expressed sequence AU014939
2,34275	0,48404158	0,24202079	AU016931	UG5 expressed sequence AU016931
0,55625	0,15146039	0,0757302	AU018702	UG5 expressed sequence AU018702
0,59775	0,17063484	0,08531742	AU020094	UG5 expressed sequence AU020094
5,1825	1,62211909	0,81105954	AU022870	UG5 expressed sequence AU022870
1,81	0,71367219	0,3568361	AU023433	UG5 expressed sequence AU023433
2,14775	0,35217645	0,17608822	AU024550	UG5 expressed sequence AU024550
2,72925	1,01641244	0,50820622	AU042434	UG5 expressed sequence AU042434
2,118	0,805379	0,4026895	AW046661	UG5 expressed sequence AW046661
2,33775	0,91547014	0,45773507	AW047581	UG5 expressed sequence AW047581
2,86875	1,50808231	0,75404115	AW060987	UG5 expressed sequence AW060987
2,8665	0,91864121	0,4593206	AW060987	UG5 expressed sequence AW060987

2,0565	0,56393883	0,28196941	AW122478	UG5 expressed sequence AW122478
0,54275	0,11276044	0,05638022	AW124583	UG5 expressed sequence AW124583
3,867	1,792008	0,896004	AW227548	UG5 expressed sequence AW227548
1,66575	1,01753964	0,50876982	AW229038	UG5 expressed sequence AW229038
3,11575	1,36366794	0,68183397	AW260363	UG5 expressed sequence AW260363
1,70325	0,77132629	0,38566315	AW322500	UG5 expressed sequence AW322500
0,55325	0,22760986	0,11380493	AW544865	UG5 expressed sequence AW544865
1,9625	0,30321225	0,15160612	AW546137	UG5 expressed sequence AW546137
2,44575	0,69674834	0,34837417	AW549277	UG5 expressed sequence AW549277
1,832	0,6769062	0,3384531	AW550168	UG5 expressed sequence AW550168
1,88075	0,38755333	0,19377666	AW909330	UG5 expressed sequence AW909330
2,68825	1,02171828	0,51085914	C85344	UG5 expressed sequence C85344
0,504	0,09378344	0,04689172	C86302	UG5 expressed sequence C86302
3,914	0,92234954	0,46117477	X98550	UG5 expressed sequence X98550
1,71025	0,88193778	0,44096889	Xlkd1	UG5 extra cellular link domain-containing 1
9,73375	4,56408665	2,28204332	Ecm1	UG5 extracellular matrix protein 1
11,457	2,03219176	1,01609588	Ecm1	UG5 extracellular matrix protein 1
3,21075	2,06135382	1,03067691	Expi	UG5 extracellular proteinase inhibitor
0,547	0,17165081	0,0858254	Faah	UG5 fatty acid amide hydrolase
2,179	0,80802764	0,40401382	Fabp7	UG5 fatty acid binding protein 7, brain
3,32875	0,47572147	0,23786073	Fbxw4	UG5 f-box and WD-40 domain protein 4
2,34975	0,42084469	0,21042234	Fcgr3	UG5 Fc receptor, IgG, low affinity III
0,365	0,06505382	0,03252691	Fem1b	UG5 feminization 1 homolog b (C. elegans)
3,27725	1,16829088	0,58414544	Fgfbp1	UG5 fibroblast growth factor binding protein 1
2,36925	1,19102515	0,59551258	Fmod	UG5 fibromodulin
6,8205	2,8723878	1,4361939	Fn1	UG5 fibronectin 1
3,47325	1,04464839	0,52232419	LOC192176	UG5 filamin-like protein
3,2015	0,61088269	0,30544135	LOC192176	UG5 filamin-like protein
8,5785	7,55605411	3,77802705	Fstl	UG5 follistatin-like
1,88975	0,95849165	0,47924583	Fhl1	UG5 four and a half LIM domains 1
1,83375	0,40045089	0,20022545	Fts	UG5 fused toes
2,1975	0,45504688	0,22752344	Fxyd5	UG5 FXYD domain-containing ion transport regulator 5
2,198	0,52459762	0,26229881	Gprk5	UG5 G protein-coupled receptor kinase 5

1,92275	0,51614622	0,25807311	Gata2	UG5 GATA binding protein 2
1,8175	1,18236613	0,59118307	Gcn5l1	UG5 general control of amino acid synthesis-like 1 (yeast)
0,52125	0,12641565	0,06320783	Gcs1	UG5 glucosidase 1
19,5575	6,45404362	3,22702181	Gsta4	UG5 glutathione S-transferase, alpha 4
0,38025	0,10127315	0,05063657	Gdc1	UG5 glycerol phosphate dehydrogenase 1, cytoplasmic adult
0,529	0,2234353	0,11171765	Gatm	UG5 glycine amidinotransferase (L-arginine:glycine amidinotransferase)
2,87725	0,53914276	0,26957138	Gp49a	UG5 glycoprotein 49 A
2,44975	1,26705679	0,6335284	Ggta1	UG5 glycoprotein galactosyltransferase alpha 1, 3
15,89325	5,57726978	2,78863489	Glycam1	UG5 glycosylation dependent cell adhesion molecule 1
2,617	1,77222365	0,88611183	Gpc3	UG5 glypican 3
2,25366667	0,54712004	0,27356002	Gpc3	UG5 glypican 3
0,528	0,16686322	0,08343161	Golph3	UG5 golgi phosphoprotein 3
4,64975	4,13469946	2,06734973	Gzmf	UG5 granzyme F
0,43275	0,169254	0,084627	Hspa9a	UG5 heat shock protein, 74 kDa, A
0,556	0,29145726	0,14572863	Hspa9a	UG5 heat shock protein, 74 kDa, A
0,56125	0,21675697	0,10837848	Hebp1	UG5 heme binding protein 1
2,43575	1,30069709	0,65034854	Hba	UG5 hemoglobin alpha chain complex
1,86375	0,37175653	0,18587826	Hs3st1	UG5 heparan sulfate (glucosamine) 3-O-sulfotransferase 1
2,145	0,64006718	0,32003359	Hmga1	UG5 high mobility group AT-hook 1
3,72525	1,53997952	0,76998976	H2-Aa	UG5 histocompatibility 2, class II antigen A, alpha
3,15875	0,96225512	0,48112756	H2-Ab1	UG5 histocompatibility 2, class II antigen A, beta 1
3,24075	2,16162275	1,08081138	H2-Bf	UG5 histocompatibility 2, complement component factor B
2,10525	1,58989337	0,79494668	H2-Bf	UG5 histocompatibility 2, complement component factor B
0,44475	0,27320856	0,13660428	Homer2-pendi	UG5 homer, neuronal immediate early gene, 2
0,50475	0,07671321	0,03835661	Hsd17b10	UG5 hydroxysteroid (17-beta) dehydrogenase 10
0,474	0,1088822	0,0544411	MGC6279	UG5 hypothetical protein MGC6279
4,7935	2,72115496	1,36057748	Igh-1	UG5 immunoglobulin heavy chain 1 (serum IgG2a)
1,85933333	0,44621333	0,22310666	Islr	UG5 immunoglobulin superfamily containing leucine-rich repeat
3,98125	1,53859923	0,76929961	Ihh	UG5 Indian hedgehog homolog, (Drosophila)
2,2165	0,50253126	0,25126563	Irs1	UG5 insulin receptor substrate 1
3,268	1,01085904	0,50542952	Igfbp3	UG5 insulin-like growth factor binding protein 3
2,609	0,51228378	0,25614189	Itga3	UG5 integrin alpha 3
2,57775	0,74562116	0,37281058	Itgam	UG5 integrin alpha M

3,59675	1,48165839	0,74082919	Ifi203	UG5 interferon activated gene 203
1,91175	1,07003937	0,53501968	Isgf3g	UG5 interferon dependent positive acting transcription factor 3 gamma
0,3995	0,19558885	0,09779443	Ifrd2	UG5 interferon-related developmental regulator 2
2,68175	1,5156467	0,75782335	Il1r1	UG5 interleukin 1 receptor, type I
2,46875	0,66770072	0,33385036	Il4ra	UG5 interleukin 4 receptor, alpha
2,868	1,09721982	0,54860991	Klk8	UG5 kallikrein 8
2,178	0,54969507	0,27484753	Kpna1	UG5 karyopherin (importin) alpha 1
7,14175	2,97492996	1,48746498	Krt1-13	UG5 keratin complex 1, acidic, gene 13
9,33825	1,51998188	0,75999094	Krt1-19	UG5 keratin complex 1, acidic, gene 19
2,08	0,54557248	0,27278624	Krt2-19	UG5 keratin complex 2, basic, gene 19
2,71225	0,37004628	0,18502314	Krt2-4	UG5 keratin complex 2, basic, gene 4
23,52625	5,85362289	2,92681144	Krt2-6a	UG5 keratin complex 2, basic, gene 6a
8,702	8,78734738	4,39367369	Krtdap	UG5 keratinocyte differentiation associated protein
3,42525	0,7695719	0,38478595	Kif4	UG5 kinesin heavy chain member 4
0,488	0,14515509	0,07257754	Klf15	UG5 Kruppel-like factor 15
3,85925	0,41193719	0,2059686	Klf5	UG5 Kruppel-like factor 5
0,496	0,18360102	0,09180051	Klf9	UG5 Kruppel-like factor 9
9,7385	2,93799177	1,46899589	Ltf	UG5 lactotransferrin
2,3995	0,26591916	0,13295958	Lad1	UG5 ladinin
1,815	0,33530484	0,16765242	Lmna	UG5 lamin A
3,597	1,51800373	0,75900187	Lamc1	UG5 laminin, gamma 1
1,91825	0,44427272	0,22213636	Lamc1	UG5 laminin, gamma 1
10,6575	2,37331309	1,18665654	Lamc2	UG5 laminin, gamma 2
9,506	4,47252777	2,23626389	Lamc2	UG5 laminin, gamma 2
3,41275	1,6123526	0,8061763	Lgals3	UG5 lectin, galactose binding, soluble 3
1,83166667	0,551277	0,2756385	Lgmn	UG5 legumain
1,7765	0,83159626	0,41579813	Lepre1	UG5 leprecan 1
0,43875	0,0634895	0,03174475	Lag	UG5 leukemia-associated gene
0,86625	0,70479518	0,35239759	Lcn2	UG5 lipocalin 2
1,97925	0,50835511	0,25417755	Lbp	UG5 lipopolysaccharide binding protein
7,232	6,22622352	3,11311176	Lum	UG5 lumican

6,37375	1,11805318	0,55902659	Ly6a	UG5 lymphocyte antigen 6 complex, locus A
1,66875	0,82346721	0,41173361	Ly6a	UG5 lymphocyte antigen 6 complex, locus A
4,64166667	2,31303488	1,15651744	Ly6c	UG5 lymphocyte antigen 6 complex, locus C
5,93925	2,90668108	1,45334054	Ly6d	UG5 lymphocyte antigen 6 complex, locus D
0,22825	0,098912	0,049456	Lorsdh	UG5 lysine oxoglutarate reductase, saccharopine dehydrogenase
2,15425	0,43214687	0,21607343	Lamp1	UG5 lysosomal membrane glycoprotein 1
5,799	5,46892232	2,73446116	Lox	UG5 lysyl oxidase
2,69325	2,06717446	1,03358723	Mgl	UG5 macrophage galactose N-acetyl-galactosamine specific lectin
0,5465	0,16644218	0,08322109	Mgl	UG5 macrophage galactose N-acetyl-galactosamine specific lectin
2,825	0,4283262	0,2141631	Mkrn3	UG5 makorin, ring finger protein, 3
0,6095	0,28465242	0,14232621	Mor2	UG5 malate dehydrogenase, soluble
0,464	0,12100138	0,06050069	Mfng	UG5 manic fringe homolog (Drosophila)
1,82725	0,54868775	0,27434388	Man1a	UG5 mannosidase 1, alpha
2,4615	0,77498624	0,38749312	Man2a1	UG5 mannosidase 2, alpha 1
1,7255	1,02284228	0,51142114	Meg3	UG5 maternally expressed gene 3
5,2315	4,86907264	2,43453632	Mmp2	UG5 matrix metalloproteinase 2
2,23725	1,02501394	0,51250697	Mmp23	UG5 matrix metalloproteinase 23
1,847	0,33255776	0,16627888	Mta1l1	UG5 metastasis associated 1-like 1
2,066	0,31512431	0,15756216	Mbd2	UG5 methyl-CpG binding domain protein 2
0,28175	0,09962722	0,04981361	Mthfd2	UG5 methylenetetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase
6,20075	5,25492552	2,62746276	Mfap5-pendin	UG5 microfibrillar associated protein 5
1,7735	0,71598254	0,35799127	Mtap4	UG5 microtubule-associated protein 4
0,45625	0,09029719	0,0451486	Mcmd2	UG5 mini chromosome maintenance deficient 2 (S. cerevisiae)
0,44775	0,03756217	0,01878109	Mcmd5	UG5 mini chromosome maintenance deficient 5 (S. cerevisiae)
0,44975	0,09727067	0,04863534	Mcmd6	UG5 mini chromosome maintenance deficient 6 (S. cerevisiae)
0,42	0,10625441	0,05312721	Mrpl15	UG5 mitochondrial ribosomal protein L15
0,52625	0,1015	0,05075	Mrpl53	UG5 mitochondrial ribosomal protein L53
2,41075	0,53854147	0,26927074	Mapk6	UG5 mitogen-activated protein kinase 6
0,63525	0,28799117	0,14399559	Mg29	UG5 mitsugumin 29
4,32875	1,12004088	0,56002044	M32486	UG5 Mouse 19.5 mRNA
0,17725	0,08035494	0,04017747		UG5 Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, clone:1810073D20:synapto
4,30475	1,94176747	0,97088374		UG5 Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930471K13:homolog to HYPO sequence

0,469	0,10500794	0,05250397	UG5 Mus musculus clone 1-17 unknown mRNA
2,5345	1,26504453	0,63252227	UG5 Mus musculus germline imuunoglobulin gamma constant region (IgG3) mRNA
1,7115	0,97644952	0,48822476	UG5 Mus musculus NC8 mRNA, complete cds
0,52125	0,05662964	0,02831482	UG5 Mus musculus neural stem cell derived neuronal survival protein precursor (Sdnsf) mRNA, complete cds
0,6095	0,17461672	0,08730836	UG5 Mus musculus, clone IMAGE:3154023, mRNA
2,277	0,49076607	0,24538303	UG5 Mus musculus, clone IMAGE:3154539, mRNA, partial cds
0,53275	0,081692	0,040846	UG5 Mus musculus, clone IMAGE:3485208, mRNA, partial cds
7,049	4,29241641	2,14620821	UG5 Mus musculus, clone IMAGE:3590081, mRNA, partial cds
0,411	0,10221872	0,05110936	UG5 Mus musculus, clone IMAGE:3708215, mRNA
0,454	0,1591582	0,0795791	UG5 Mus musculus, clone IMAGE:4948091, mRNA, partial cds
2,13125	0,18919368	0,09459684	UG5 Mus musculus, clone IMAGE:5342828, mRNA, partial cds
2,137	0,41297538	0,20648769	UG5 Mus musculus, clone MGC:11703 IMAGE:3964527, mRNA, complete cds
0,684	0,40601724	0,20300862	UG5 Mus musculus, clone MGC:12151 IMAGE:3711012, mRNA, complete cds
0,51525	0,1368512	0,0684256	UG5 Mus musculus, clone MGC:18985 IMAGE:4011674, mRNA, complete cds
1,343	0,78811632	0,39405816	UG5 Mus musculus, clone MGC:19209 IMAGE:4238526, mRNA, complete cds
0,64475	0,29243959	0,1462198	UG5 Mus musculus, clone MGC:31031 IMAGE:5137689, mRNA, complete cds
0,609	0,2276591	0,11382955	UG5 Mus musculus, clone MGC:32469 IMAGE:5050433, mRNA, complete cds
0,5955	0,19458075	0,09729037	UG5 Mus musculus, clone MGC:32469 IMAGE:5050433, mRNA, complete cds
3,64775	1,81406732	0,90703366	UG5 Mus musculus, clone MGC:37810 IMAGE:5098241, mRNA, complete cds
3,96575	1,33154456	0,66577228	UG5 Mus musculus, clone MGC:37810 IMAGE:5098241, mRNA, complete cds
0,4415	0,2595952	0,1297976	UG5 Mus musculus, clone MGC:38363 IMAGE:5344986, mRNA, complete cds
1,88575	0,89687583	0,44843791	UG5 Mus musculus, clone MGC:8070 IMAGE:3587770, mRNA, complete cds
0,435	0,12480652	0,06240326	UG5 Mus musculus, Similar to Acetyl-Co A acetyltransferase 1, mitochondrial, clone MGC:39067 IMAGE:5365469, m
2,09175	0,62040276	0,31020138	UG5 Mus musculus, Similar to aladin, clone MGC:25579 IMAGE:3994248, mRNA, complete cds
2,99275	1,34903209	0,67451605	UG5 Mus musculus, Similar to carboxylesterase 2 (intestine, liver), clone MGC:18908 IMAGE:4241028, mRNA, comp
4,575	2,9197227	1,45986135	UG5 Mus musculus, Similar to complement component 1, s subcomponent, clone MGC:19094 IMAGE:4196654, mR
2,365	1,03522172	0,51761086	UG5 Mus musculus, Similar to cytoskeleton-associated protein 4, clone IMAGE:5322388, mRNA, partial cds
3,978	2,8766185	1,43830925	UG5 Mus musculus, Similar to DKFZP586L2024 protein, clone IMAGE:4982180, mRNA, partial cds
0,57975	0,18145592	0,09072796	UG5 Mus musculus, Similar to hypothetical protein BC014916, clone MGC:36399 IMAGE:5135570, mRNA, complete
2,291	0,61911927	0,30955963	UG5 Mus musculus, Similar to hypothetical protein FLJ10350, clone MGC:27585 IMAGE:4489521, mRNA, complete
2,00325	0,39931473	0,19965736	UG5 Mus musculus, Similar to hypothetical protein FLJ13213, clone MGC:28555 IMAGE:4206928, mRNA, complete
2,818	0,41774075	0,20887037	UG5 Mus musculus, Similar to inositol 1,3,4-triphosphate 5/6 kinase, clone IMAGE:5026869, mRNA, partial cds
2,10025	0,26994861	0,1349743	UG5 Mus musculus, Similar to KIAA0922 protein, clone IMAGE:4935316, mRNA, partial cds

2,1035	0,98373862	0,49186931		UG5 Mus musculus, Similar to peroxisomal biogenesis factor 16, clone MGC:19145 IMAGE:4218547, mRNA, comple
0,64725	0,28371391	0,14185696		UG5 Mus musculus, Similar to phosphoserine aminotransferase, clone MGC:6462 IMAGE:2616298, mRNA, complet
0,3475	0,08340064	0,04170032		UG5 Mus musculus, similar to putative, clone MGC:37604 IMAGE:4989150, mRNA, complete cds
3,82925	2,70292698	1,35146349		UG5 Mus musculus, Similar to RIKEN cDNA 0610007L05 gene, clone MGC:18838 IMAGE:4212222, mRNA, comple
0,60275	0,18771854	0,09385927		UG5 Mus musculus, Similar to xylulokinase homolog (H. influenzae), clone IMAGE:5043428, mRNA, partial cds
4,16025	2,50513864	1,25256932	Mal	UG5 myelin and lymphocyte protein, T-cell differentiation protein
0,34366667	0,09239769	0,04619885	Myb	UG5 myeloblastosis oncogene
0,11225	0,02459505	0,01229753	Myc	UG5 myelocytomatosis oncogene
2,59725	0,38115559	0,19057779	Mcl1	UG5 myeloid cell leukemia sequence 1
0,47833333	0,09473296	0,04736648	Mpo	UG5 myeloperoxidase
2,6865	0,52843448	0,26421724	Myln	UG5 myosin light chain, alkali, nonmuscle
0,39875	0,13235401	0,066177	Myh8	UG5 myosin, heavy polypeptide 8, skeletal muscle, perinatal
4,76275	1,36630508	0,68315254	Macs	UG5 myristoylated alanine rich protein kinase C substrate
4,43825	0,87109256	0,43554628	Macs	UG5 myristoylated alanine rich protein kinase C substrate
3,2465	1,32641384	0,66320692	Macs	UG5 myristoylated alanine rich protein kinase C substrate
0,454	0,16285986	0,08142993	Ndufb9	UG5 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9
2,27625	0,29396301	0,1469815	Net1	UG5 neuroepithelial cell transforming gene 1
2,05575	0,36800849	0,18400425	Nte-pending	UG5 neuropathy target esterase
2,11025	0,77077899	0,38538949	Nrp	UG5 neuropilin
2,04075	0,8185619	0,40928095	Nrp	UG5 neuropilin
2,66875	1,90662186	0,95331093	Nid1	UG5 nidogen 1
1,89825	0,24205698	0,12102849	Notch1	UG5 Notch gene homolog 1, (Drosophila)
2,8855	1,33306026	0,66653013	Nrarp	UG5 Notch-regulated ankyrin repeat protein
1,902	0,20568584	0,10284292	Gs2na-pendin	UG5 nuclear autoantigen
0,55266667	0,10257843	0,05128921	Nfib	UG5 nuclear factor I/B
2,627	0,85461375	0,42730688	Nfat5	UG5 nuclear factor of activated T-cells 5
2,10825	0,60525057	0,30262528	Nfkbia	UG5 nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha
0,4835	0,20642109	0,10321055	Nr4a1	UG5 nuclear receptor subfamily 4, group A, member 1
0,31875	0,07156524	0,03578262	Nr4a1	UG5 nuclear receptor subfamily 4, group A, member 1
2,44925	0,34783461	0,17391731	Nfe2l2	UG5 nuclear, factor, erythroid derived 2, like 2
3,26825	2,49743967	1,24871984	onzin	UG5 onzin
4,476	2,62385937	1,31192969	Osf2-pending	UG5 osteoblast specific factor 2 (fasciclin I-like)
1,691	0,60057028	0,30028514	Pak1	UG5 p21 (CDKN1A)-activated kinase 1

1,73625	0,53786081	0,2689304	Plunc	UG5 palate, lung, and nasal epithelium expressed transcript
2,3825	1,59026151	0,79513075	Ptx3	UG5 pentaxin related gene
2,04875	1,44397469	0,72198735	Ppic	UG5 peptidylprolyl isomerase C
2,1975	0,51124978	0,25562489	Prph1	UG5 peripherin 1
0,45975	0,18817789	0,09408894	Prdx3	UG5 peroxiredoxin 3
2,49375	0,78816935	0,39408467	Prdx6	UG5 peroxiredoxin 6
0,47625	0,18532741	0,09266371	Pex11b	UG5 peroxisomal biogenesis factor 11b
2,53675	1,67326734	0,83663367	Pdgfra	UG5 platelet derived growth factor receptor, alpha polypeptide
2,04875	0,41099098	0,20549549	Pdgfa	UG5 platelet derived growth factor, alpha
2,8655	1,72176276	0,86088138	Pf4	UG5 platelet factor 4
1,93775	1,00801269	0,50400635	Plek2	UG5 pleckstrin 2
1,87	0,63076039	0,31538019	Pkd2	UG5 polycystic kidney disease 2
1,74625	0,7170204	0,3585102	Pkd2	UG5 polycystic kidney disease 2
0,4095	0,0920163	0,04600815	Kcnn4	UG5 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
4,30575	1,76322004	0,88161002	Prnp	UG5 prion protein
12,7735	6,90007229	3,45003615	Col3a1	UG5 procollagen, type III, alpha 1
4,83125	3,51454183	1,75727091	Col3a1	UG5 procollagen, type III, alpha 1
2,701	1,80917587	0,90458794	Col5a1	UG5 procollagen, type V, alpha 1
6,56725	3,75231105	1,87615553	Col5a2	UG5 procollagen, type V, alpha 2
6,06	2,9168955	1,45844775	Col5a2	UG5 procollagen, type V, alpha 2
3,62775	1,92427239	0,9621362	Col5a2	UG5 procollagen, type V, alpha 2
3,295	2,15985123	1,07992561	Col6a1	*UG5 procollagen, type VI, alpha 1*
2,3805	1,18741021	0,5937051	Col6a1	UG5 procollagen, type VI, alpha 1
2,473	0,65324676	0,32662338	Col6a3	UG5 procollagen, type VI, alpha 3
4,489	3,41273429	1,70636714	Col11a1	UG5 procollagen, type XI, alpha 1
2,2895	1,54948432	0,77474216	Col14a1	UG5 procollagen, type XIV, alpha 1
7,91825	3,0987301	1,54936505	Ppbp	UG5 pro-platelet basic protein
2,53225	1,32672815	0,66336407	Pcsk5	UG5 proprotein convertase subtilisin/kexin type 5
2,21725	1,33357249	0,66678624	Ptges	UG5 prostaglandin E synthase
6,44	5,11977057	2,55988528	Psca	UG5 prostate stem cell antigen
0,432	0,07359801	0,036799	Prss25	UG5 protease, serine, 25
2,17575	0,25437816	0,12718908	Psmd1	UG5 proteasome (prosome, macropain) 26S subunit, non-ATPase, 1
2,2845	0,53978051	0,26989026	Ppp3ca	UG5 protein phosphatase 3, catalytic subunit, alpha isoform

2,55725	1,01314901	0,50657451	Pros1	UG5 protein S (alpha)
1,8115	0,8082613	0,40413065	Ptpn16	UG5 protein tyrosine phosphatase, non-receptor type 16
0,614	0,27413744	0,13706872	Ppfibp2	UG5 protein tyrosine phosphatase, receptor-type, F interacting protein, binding protein 2
0,37475	0,11921514	0,05960757	Pycs	UG5 pyrroline-5-carboxylate synthetase (glutamate gamma-semialdehyde synthetase)
0,5995	0,15186288	0,07593144	Pdha1	UG5 pyruvate dehydrogenase E1 alpha 1
1,8505	0,2749212	0,1374606	Rab5a	UG5 RAB5A, member RAS oncogene family
0,49875	0,13312745	0,06656372	Racgap1	UG5 Rac GTPase-activating protein 1
0,5045	0,03557621	0,0177881	Rap1ga1	UG5 Rap1, GTPase-activating protein 1
0,50025	0,18842571	0,09421286	Rap1ga1	UG5 Rap1, GTPase-activating protein 1
2,18375	0,55332171	0,27666086	Rap2b	UG5 RAP2B, member of RAS oncogene family
0,46825	0,12631541	0,06315771	Rassf3	UG5 Ras association domain family 3 protein
1,77275	0,50455616	0,25227808	Arhc	UG5 ras homolog 9 (RhoC)
2,85775	1,27275302	0,63637651	Rasa3	UG5 RAS p21 protein activator 3
2,224	0,79727996	0,39863998	Rgs12	UG5 regulator of G-protein signaling 12
0,58825	0,15841375	0,07920688	Rfc5	UG5 replication factor C (activator 1) 5 (36.5 kDa)
3,66425	1,61474588	0,80737294	Recc1	UG5 replication factor C, 140 kDa
2,046	0,40524067	0,20262033	Rcn	UG5 reticulocalbin
4,236	1,75031559	0,8751578	Rbp1	UG5 retinol binding protein 1, cellular
1,89375	0,53736789	0,26868395	Rbp2	UG5 retinol binding protein 2, cellular
0,592	0,20219957	0,10109979	Arhgdig	UG5 Rho GDP dissociation inhibitor (GDI) gamma
2,9025	1,36188215	0,68094108	Rnase4	UG5 ribonuclease, RNase A family 4
0,55325	0,10070543	0,05035271	Rpl8	UG5 ribosomal protein L8
2,59025	0,95545779	0,47772889	Rps6ka4	UG5 ribosomal protein S6 kinase, 90kD, polypeptide 4
1,87875	0,97873537	0,48936768		UG5 RIKEN cDNA 0610006G05 gene
0,50975	0,11848593	0,05924297		UG5 RIKEN cDNA 0610006O14 gene
0,4705	0,12952863	0,06476432		UG5 RIKEN cDNA 0610010I13 gene
0,7645	0,43030958	0,21515479		UG5 RIKEN cDNA 0610012D09 gene
0,48325	0,18670186	0,09335093		UG5 RIKEN cDNA 0610015A08 gene
0,466	0,13363009	0,06681504		UG5 RIKEN cDNA 0610025I19 gene
2,111	0,90377984	0,45188992		UG5 RIKEN cDNA 0610039K22 gene
11,4235	2,4940689	1,24703445		UG5 RIKEN cDNA 1110013O05 gene
10,338	1,81781205	0,90890603		UG5 RIKEN cDNA 1110013O05 gene
0,51975	0,05140931	0,02570465		UG5 RIKEN cDNA 1110014L17 gene

0,50725	0,08689601	0,04344801	UG5 RIKEN cDNA 1110014L17 gene
1,95675	0,38778463	0,19389231	UG5 RIKEN cDNA 1110019I14 gene
3,181	1,67189912	0,83594956	UG5 RIKEN cDNA 1110027O12 gene
2,4285	0,76108716	0,38054358	UG5 RIKEN cDNA 1110030J09 gene
1,52125	0,87958792	0,43979396	UG5 RIKEN cDNA 1110036H20 gene
0,47225	0,08052898	0,04026449	UG5 RIKEN cDNA 1110038I05 gene
0,494	0,22782596	0,11391298	UG5 RIKEN cDNA 1110054D16 gene
1,647	0,7084763	0,35423815	UG5 RIKEN cDNA 1110055J05 gene
2,0835	0,450634	0,225317	UG5 RIKEN cDNA 1110058E16 gene
2,075	1,4448647	0,72243235	UG5 RIKEN cDNA 1110065N12 gene
2,14225	1,45242564	0,72621282	UG5 RIKEN cDNA 1110065N12 gene
1,80175	0,55264598	0,27632299	UG5 RIKEN cDNA 1200015A22 gene
0,392	0,19726801	0,098634	UG5 RIKEN cDNA 1200016D23 gene
0,49125	0,15748307	0,07874153	UG5 RIKEN cDNA 1300006C06 gene
2,17075	0,29644716	0,14822358	UG5 RIKEN cDNA 1300011C24 gene
2,633	1,19964272	0,59982136	UG5 RIKEN cDNA 1300014I06 gene
0,49225	0,26719079	0,13359539	UG5 RIKEN cDNA 1600012P17 gene
3,118	0,90684067	0,45342033	UG5 RIKEN cDNA 1600013L13 gene
2,2295	0,60789062	0,30394531	UG5 RIKEN cDNA 1600013L13 gene
1,90525	0,57566158	0,28783079	UG5 RIKEN cDNA 1600019O04 gene
0,477	0,05903107	0,02951553	UG5 RIKEN cDNA 1700003F10 gene
1,0555	0,88363737	0,44181868	UG5 RIKEN cDNA 1700019D03 gene
3,004	1,2571009	0,62855045	UG5 RIKEN cDNA 1700020L11 gene
0,429	0,11283912	0,05641956	UG5 RIKEN cDNA 1700029F09 gene
0,513	0,17380641	0,0869032	UG5 RIKEN cDNA 1700040I03 gene
0,53525	0,13214733	0,06607366	UG5 RIKEN cDNA 1810004P07 gene
1,83166667	0,449638	0,224819	UG5 RIKEN cDNA 1810061M12 gene
2,55175	1,01043798	0,50521899	UG5 RIKEN cDNA 2210010N10 gene
2,75075	1,18803546	0,59401773	UG5 RIKEN cDNA 2210403K04 gene
2,136	0,52881188	0,26440594	UG5 RIKEN cDNA 2210412K09 gene
3,55375	3,04581225	1,52290612	UG5 RIKEN cDNA 2210415K03 gene
3,4405	3,10035315	1,55017658	UG5 RIKEN cDNA 2210415K03 gene
3,05	0,91366332	0,45683166	UG5 RIKEN cDNA 2310004I24 gene

3,4405	2,89237498	1,44618749	UG5 RIKEN cDNA 2310008J16 gene
2,5915	1,71022231	0,85511115	UG5 RIKEN cDNA 2310008J16 gene
2,07875	1,15612409	0,57806205	UG5 RIKEN cDNA 2310008N12 gene
1,946	0,99346498	0,49673249	UG5 RIKEN cDNA 2310016E02 gene
3,058	1,01997255	0,50998627	UG5 RIKEN cDNA 2310046B19 gene
2,085	1,30747237	0,65373619	UG5 RIKEN cDNA 2310047A01 gene
1,73225	0,51998934	0,25999467	UG5 RIKEN cDNA 2310047A01 gene
1,52625	0,94131623	0,47065812	UG5 RIKEN cDNA 2310047A01 gene
0,5215	0,15172453	0,07586227	UG5 RIKEN cDNA 2310051E17 gene
0,45675	0,05142227	0,02571114	UG5 RIKEN cDNA 2310051E17 gene
0,565	0,24111823	0,12055911	UG5 RIKEN cDNA 2310057J16 gene
0,53375	0,1693918	0,0846959	UG5 RIKEN cDNA 2310058G22 gene
6,46833333	1,80598625	0,90299312	UG5 RIKEN cDNA 2310067G05 gene
1,697	0,69282682	0,34641341	UG5 RIKEN cDNA 2310067L16 gene
4,04575	1,83976509	0,91988254	UG5 RIKEN cDNA 2310075E07 gene
0,46025	0,19169311	0,09584656	UG5 RIKEN cDNA 2410015N17 gene
1,7145	0,98116614	0,49058307	UG5 RIKEN cDNA 2410088K19 gene
2,09275	0,99817579	0,4990879	UG5 RIKEN cDNA 2610001E17 gene
0,6265	0,24487071	0,12243536	UG5 RIKEN cDNA 2610009I02 gene
0,3675	0,13755605	0,06877802	UG5 RIKEN cDNA 2610018G03 gene
3,0525	0,97166198	0,48583099	UG5 RIKEN cDNA 2610019M19 gene
0,4315	0,07550938	0,03775469	UG5 RIKEN cDNA 2610024G14 gene
0,23975	0,11103265	0,05551633	UG5 RIKEN cDNA 2610028K12 gene
0,38875	0,19058047	0,09529024	UG5 RIKEN cDNA 2610524K04 gene
1,79425	0,41422327	0,20711163	UG5 RIKEN cDNA 2700038M07 gene
0,482	0,10622617	0,05311309	UG5 RIKEN cDNA 2700085E05 gene
2,16225	1,43963708	0,71981854	UG5 RIKEN cDNA 2810002E22 gene
2,3345	0,28135683	0,14067842	UG5 RIKEN cDNA 2810420C16 gene
0,3015	0,09347192	0,04673596	UG5 RIKEN cDNA 2810434B10 gene
3,06425	0,84278877	0,42139439	UG5 RIKEN cDNA 2810442I22 gene
1,369	1,03079613	0,51539807	UG5 RIKEN cDNA 2810480C08 gene
0,51425	0,11261846	0,05630923	UG5 RIKEN cDNA 3110001N18 gene
0,36275	0,10990109	0,05495055	UG5 RIKEN cDNA 3110001O07 gene

4,10675	0,76830262	0,38415131	UG5 RIKEN cDNA 3110023F10 gene
0,4795	0,1364539	0,06822695	UG5 RIKEN cDNA 3110043J09 gene
1,6535	0,4410461	0,22052305	UG5 RIKEN cDNA 3110045G13 gene
0,69325	0,32093133	0,16046566	UG5 RIKEN cDNA 3110080J08 gene
0,7325	0,45358167	0,22679084	UG5 RIKEN cDNA 3830408P06 gene
2,651	0,57159864	0,28579932	UG5 RIKEN cDNA 4632401D06 gene
0,57875	0,28012542	0,14006271	UG5 RIKEN cDNA 4833422P03 gene
2,01225	0,64038966	0,32019483	UG5 RIKEN cDNA 4833439O17 gene
1,95825	0,3741144	0,1870572	UG5 RIKEN cDNA 4921504I16 gene
2,0305	0,12403897	0,06201949	UG5 RIKEN cDNA 4921510D23 gene
0,44125	0,05055937	0,02527969	UG5 RIKEN cDNA 4921532K09 gene
0,477	0,1919427	0,09597135	UG5 RIKEN cDNA 4930552N12 gene
3,20425	0,30432918	0,15216459	UG5 RIKEN cDNA 4930579A11 gene
2,00025	0,63345212	0,31672606	UG5 RIKEN cDNA 4931420H10 gene
2,05875	0,53765192	0,26882596	UG5 RIKEN cDNA 4933405K01 gene
1,67025	0,67369547	0,33684773	UG5 RIKEN cDNA 4933433P14 gene
0,709	0,51530832	0,25765416	UG5 RIKEN cDNA 4933436O18 gene
0,6125	0,16184252	0,08092126	UG5 RIKEN cDNA 5630400D21 gene
2,544	0,21571432	0,10785716	UG5 RIKEN cDNA 5730502D15 gene
1,97975	0,86840942	0,43420471	UG5 RIKEN cDNA 6030404E16 gene
1,89475	0,91181591	0,45590795	UG5 RIKEN cDNA 6330406I15 gene
1,559	0,57867031	0,28933516	UG5 RIKEN cDNA 6330406I15 gene
2,00975	0,78949282	0,39474641	UG5 RIKEN cDNA 6330407G11 gene
2,0185	0,24660697	0,12330349	UG5 RIKEN cDNA 8430404F20 gene
2,3455	0,89327058	0,44663529	UG5 RIKEN cDNA 8430436O14 gene
2,54675	0,85623181	0,42811591	UG5 RIKEN cDNA 9030607L17 gene
1,789	0,62095786	0,31047893	UG5 RIKEN cDNA 9130005N14 gene
1,8575	0,87158419	0,43579209	UG5 RIKEN cDNA 9130005N14 gene
2,0585	0,74690673	0,37345337	UG5 RIKEN cDNA 9230111I22 gene
8,63775	1,5115161	0,75575805	UG5 RIKEN cDNA 9230117N10 gene
2,0145	0,65428918	0,32714459	UG5 RIKEN cDNA 9430072K23 gene
1,6255	0,59975245	0,29987622	UG5 RIKEN cDNA B430305P08 gene
0,431	0,19313381	0,0965669	UG5 RIKEN cDNA C330026P08 gene

2,244	0,60112617	0,30056308	Rbms1	UG5 RNA binding motif, single stranded interacting protein 1
0,5365	0,11544263	0,05772131	Rnac-pending	UG5 RNA cyclase homolog
3,02975	1,03592901	0,51796451	Runx1	UG5 runt related transcription factor 1
6,54575	1,19186111	0,59593056	S100a11	UG5 S100 calcium binding protein A11 (calizzarin)
3,01825	0,95319021	0,47659511	S100a3	UG5 S100 calcium binding protein A3
13,547	4,91628457	2,45814229	S100a6	UG5 S100 calcium binding protein A6 (calcyclin)
15,314	8,07704925	4,03852463	S100a8	UG5 S100 calcium binding protein A8 (calgranulin A)
1,00825	0,72809861	0,3640493	Sfrp1	UG5 secreted frizzled-related sequence protein 1
1,94775	1,02977097	0,51488548	Smoc2	UG5 secreted modular calcium binding protein 2
1,64175	0,91786868	0,45893434	Smoc2	UG5 secreted modular calcium binding protein 2
8,737	8,29081789	4,14540895	Spp1	UG5 secreted phosphoprotein 1
0,55625	0,30161164	0,15080582	Scgb3a2	UG5 secretoglobin, family 3A, member 2
1,91375	0,61435406	0,30717703	Serpinb2	UG5 serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2
16,25	10,3511066	5,17555332	Serpind1	UG5 serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1
0,49625	0,14087672	0,07043836	Shmt1	UG5 serine hydroxymethyl transferase 1 (soluble)
5,595	3,25123689	1,62561845	Spi2-1	UG5 serine protease inhibitor 2-1
4,3205	2,62190688	1,31095344	Spi2-1	UG5 serine protease inhibitor 2-1
2,4525	0,36620441	0,1831022	Sh3bgrl3	UG5 SH3 domain binding glutamic acid-rich protein-like 3
2,20475	0,39179704	0,19589852	Sh3d3	UG5 SH3 domain protein 3
2,0435	0,73515962	0,36757981	Sh3glb1	UG5 SH3-domain GRB2-like B1 (endophilin)
5,6085	4,54877907	2,27438953	Siat5	UG5 sialyltransferase 5
0,44575	0,06184591	0,03092296	Sfxn1	UG5 sideroflexin 1
0,423	0,07915807	0,03957903	Ssbp1	UG5 single-stranded DNA binding protein 1
3,0065	2,12019079	1,0600954	Slit3	UG5 slit homolog 3 (Drosophila)
2,78925	1,48412137	0,74206069	Slit3	UG5 slit homolog 3 (Drosophila)
4,34775	2,0089512	1,0044756	Scya6	UG5 small inducible cytokine A6
3,419	1,55097604	0,77548802	Sprrl1	UG5 small proline rich-like 1
2,21925	0,53383042	0,26691521	Sprrl7	UG5 small proline rich-like 7
13,88425	3,39178934	1,69589467	Sprr1a	UG5 small proline-rich protein 1A
17,56725	10,7421785	5,37108923	Sprr2a	UG5 small proline-rich protein 2A
0,4575	0,03664696	0,01832348	Slc12a2	UG5 solute carrier family 12, member 2
2,507	0,62037139	0,3101857	Slc20a1	UG5 solute carrier family 20, member 1
0,53425	0,23042334	0,11521167	Slc29a1	UG5 solute carrier family 29 (nucleoside transporters), member 1

0,717	0,3016477	0,15082385	Slc3a2	UG5 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2
2,95	2,54818354	1,27409177	Slc4a1	UG5 solute carrier family 4 (anion exchanger), member 1
0,42075	0,15618659	0,07809329	Skp2	UG5 S-phase kinase-associated protein 2 (p45)
5,3895	0,36028553	0,18014277	Sgpl1	UG5 sphingosine phosphate lyase 1
2,13	0,37967969	0,18983984	Sgpl1	UG5 sphingosine phosphate lyase 1
3,999	1,11062145	0,55531072	Stra6	UG5 stimulated by retinoic acid gene 6
2,69675	0,60981165	0,30490583	Stra6	UG5 stimulated by retinoic acid gene 6
0,423	0,14995777	0,07497889	Smarcd2	UG5 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2
0,5435	0,15830035	0,07915017	Sycp3	UG5 synaptonemal complex protein 3
2,17825	1,03701475	0,51850737	Stx7	UG5 syntaxin 7
2,667	0,94838881	0,4741944	Stx7	UG5 syntaxin 7
2,5205	0,66014367	0,33007184	Stx8	UG5 syntaxin 8
5,59033333	4,68467185	2,34233592	Tnc	UG5 tenascin C
0,56925	0,15469621	0,0773481	Txn2	UG5 thioredoxin 2
4,21725	2,82934178	1,41467089	Thbs2	UG5 thrombospondin 2
2,008	0,59449867	0,29724933	Thy1	UG5 thymus cell antigen 1, theta
0,63375	0,22708644	0,11354322	TOB3	UG5 TOB3
0,35525	0,26028494	0,13014247	Ttpa	UG5 tocopherol (alpha) transfer protein
0,563	0,09765586	0,04882793	Tob2	UG5 transducer of ERBB2, 2
0,5015	0,20368685	0,10184343	Tob1	UG5 transducer of ErbB-2.1
4,83475	2,44414407	1,22207204	Tgfbi	UG5 transforming growth factor, beta induced, 68 kDa
0,58275	0,13585869	0,06792934	Timm8a	UG5 translocase of inner mitochondrial membrane 8 homolog a (yeast)
1,88925	0,82950764	0,41475382	Timm17a	UG5 translocator of inner mitochondrial membrane 17 kDa, a
2,456	0,25901158	0,12950579	Tm7sf1	UG5 transmembrane 7 superfamily member 1
3,1115	1,11560163	0,55780082	Trim29	UG5 tripartite motif protein 29
2,7545	0,60024134	0,30012067	Trim29	UG5 tripartite motif protein 29
1,83075	0,77078504	0,38539252	Tncs	UG5 troponin C, fast skeletal
1,94075	0,84759518	0,42379759	Tem1-pending	UG5 tumor endothelial marker 1 precursor
1,28425	0,81585226	0,40792613	Tnfrsf19	UG5 tumor necrosis factor receptor superfamily, member 19
2,21	0,77547706	0,38773853	Tnfaip2	UG5 tumor necrosis factor, alpha-induced protein 2
2,87425	2,05711519	1,0285576	Tacstd2	UG5 tumor-associated calcium signal transducer 2
4,02675	1,94062952	0,97031476	Tacstd2	UG5 tumor-associated calcium signal transducer 2
2,36375	1,0926858	0,5463429	Tacstd2	UG5 tumor-associated calcium signal transducer 2

3,531	1,30717737	0,65358868	Twist	UG5 twist gene homolog, (Drosophila)
3,1665	1,15932869	0,57966434	Twist	UG5 twist gene homolog, (Drosophila)
2,072	0,32960684	0,16480342	Tyrobp	UG5 TYRO protein tyrosine kinase binding protein
0,354	0,07171471	0,03585736	B4galt6	UG5 UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6
0,461	0,12803515	0,06401758	Ugdh	UG5 UDP-glucose dehydrogenase
2,04825	0,98615765	0,49307883	Usmg4	UG5 upregulated during skeletal muscle growth 4
2,536	1,12779283	0,56389641	Upp	UG5 uridine phosphorylase
1,94475	0,21445337	0,10722669	Vcl	UG5 vinculin
1,83375	0,73672988	0,36836494	Rala	UG5 v-ral simian leukemia viral oncogene homolog A (ras related)
0,678	0,47315537	0,23657768	Wdr12	UG5 WD repeat domain 12
3,32133333	0,79079728	0,39539864	Wnt5a	UG5 wingless-related MMTV integration site 5A
2,44	0,34333657	0,17166828	Xdh	UG5 xanthine dehydrogenase
2,0265	0,54773077	0,27386539	Lyn	UG5 Yamaguchi sarcoma viral (v-yes-1) oncogene homolog
2,2475	0,47232228	0,23616114	Lyn	UG5 Yamaguchi sarcoma viral (v-yes-1) oncogene homolog