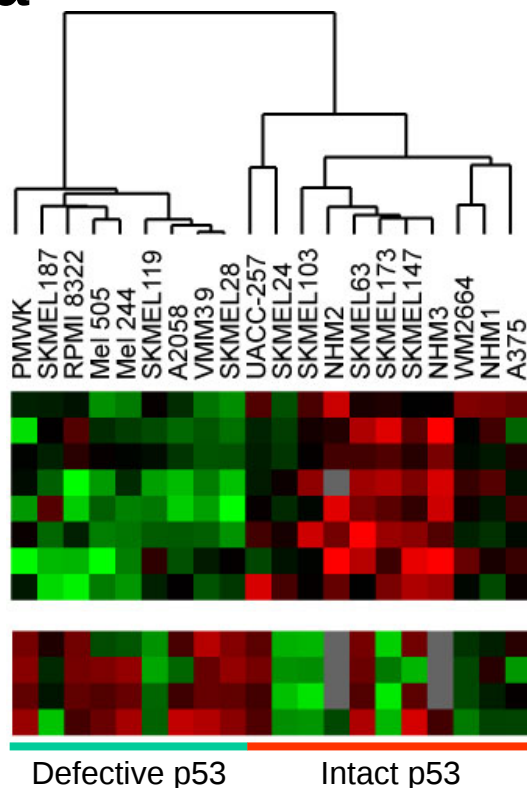
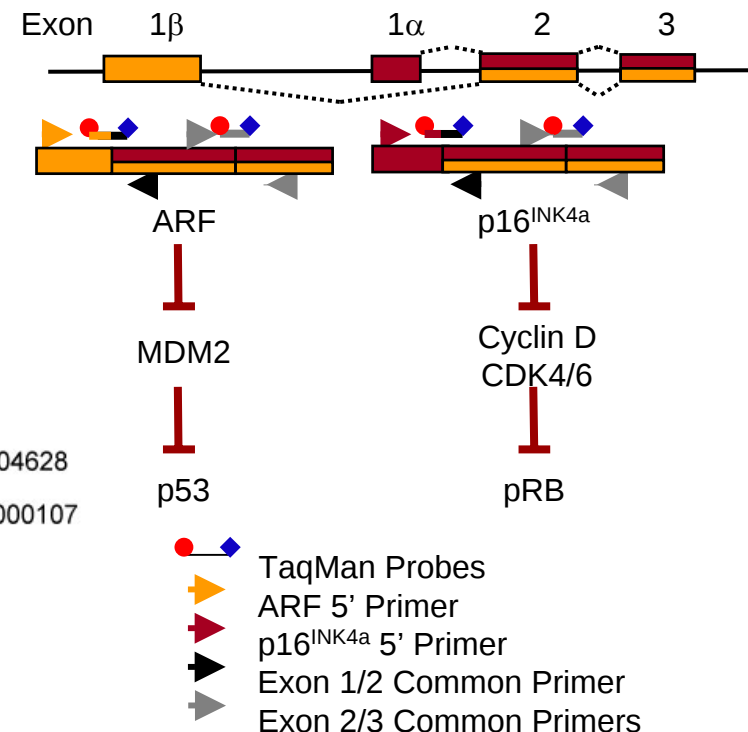
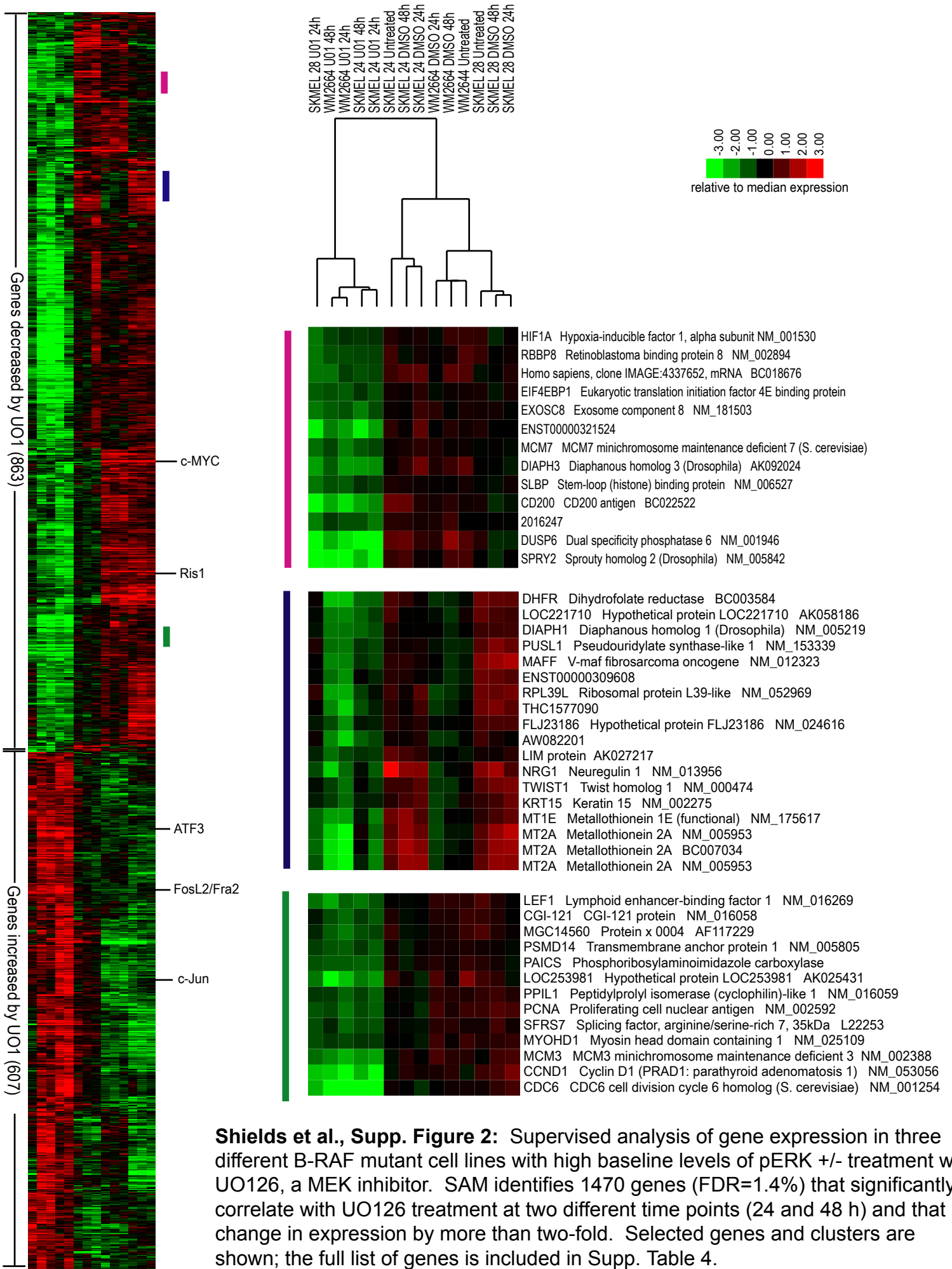


a**b**

- A. Melanoma cell lines clustered by expression of p53 targets and *INK4a/ARF* expression. The p53 response to ionizing radiation is indicated. Top cluster: Cells with intact p53 response show increased expression of the eight indicated p53 targets, and decreased expression of ARF. Bottom cluster: TaqMan and microarray results for the p16^{INK4a}- and ARF-specific transcripts. Cell lines that demonstrated increased p16^{INK4a} expression either harbored RB deletion, p16^{INK4a} point mutation or CDK4 point mutation (Supp Table 1). Pair-wise variances (r^2) for the log₂ transformed *CDKN2a* microarray results versus the log₁₀ transformed TaqMan results are: vs. Exon 2/3 $r^2=0.78$; vs. Exon1 α /2 $r^2=0.32$; vs. Exon 1 β /2 $r^2=0.38$. Note all four WT lines (PMWK, Mel505, SKMEL187 and RPMI8322) lack evidence of p53 function by all assays.
- B. The *INK4a/ARF* locus and with TaqMan strategies. The ARF transcript originates from exon 1 β while the p16^{INK4a} transcript originates from exon 1 α . Both transcripts splice to exon 2 but in alternate reading frames. ARF stabilizes p53 by inhibiting MDM2, while p16^{INK4a} activates RB by inhibiting CDK4. Primers and TaqMan probes are shown for the real-time RT-PCR strategy.



Shields et al., Supp. Figure 2: Supervised analysis of gene expression in three different B-RAF mutant cell lines with high baseline levels of pERK +/- treatment with UO126, a MEK inhibitor. SAM identifies 1470 genes (FDR=1.4%) that significantly correlate with UO126 treatment at two different time points (24 and 48 h) and that change in expression by more than two-fold. Selected genes and clusters are shown; the full list of genes is included in Supp. Table 4.

Supp. Table 1: Mutational status, source and media for melanoma cell lines

Cell Line	Source	Base Media ^a	p16	ARF	p16-CDK4-RB	ARF-p53	<i>N-RAS</i>	<i>B-RAF</i>	p-ERK
PMWK	J. Arbiser	MEM, 0.5X AA ^b	High-??	High-p53 inact.	Unknown p16-RB lesion	p53 inact.	WT	WT	Low
Mel 505	J. Hansson	RPMI 1640	Undetectable	High-p53 inact.	Undetectable p16 mRNA	p53 inact.	WT	WT	Low
SKMEL187	A. Houghton	DMEM	Undetectable	Undetectable	HD of 9p21	p53 mut (Arg273His)	WT	WT	Low
RPMI8332	J. Hansson	RPMI 1640	Low-??	High-p53 inact.	Unknown p16-RB lesion	p53 inact.	WT	WT	Low
SKMEL23	A. Houghton	DMEM	n.d.	n.d.	n.d.	n.d.	WT	WT	n.d.
SKMEL173	A. Houghton	DMEM	Undetectable	Undetectable	HD of 9p21	HD of 9p21, p53 funct.	Q61K	WT	High
VMM39	C. Slingluff	DMEM	Undetectable	High-p53 inact.	Undetectable p16 mRNA	p53 inact.	Q61K	WT	Low
Mel 224	J. Hansson	RPMI 1640	Undetectable	High-p53 inact.	Undetectable p16 mRNA	p53 inact.	Q61R	WT	Med
SKMEL103	A. Houghton	DMEM	Undetectable	Undetectable	HD of 9p21	HD of 9p21, p53 funct.	Q61R	WT	Med
SKMEL147	A. Houghton	DMEM	High-p16 pt mut.	Undetectable	p16 mut (Pro114Leu)	HD of ARF, p53 funct.l	Q61R	WT	Med
SKMEL63	A. Houghton	DMEM	High-p16 pt mut.	High-??	p16 mut (Arg112Pro)	Unknown ARF -p53 lesion	Q61K	WT	High
SKMEL119	A. Houghton	DMEM	Undetectable	Undetectable	HD of 9p21	HD of 9p21, p53 funct.	Q61R	WT	High
UACC 257	M. Soengas	RPMI 1640	High-??CDK4 mut.	High-??	??CDK4 mut.	Unknown ARF -p53 lesion	WT	V600E	High
A375	J. Arbiser	DMEM	Undetectable	Undetectable	Undetectable p16 mRNA	HD del of ARF, p53 WT & funct.	WT	V600E	High
WM2664	J. Arbiser	DMEM	Undetectable	Undetectable	HD of 9p21	HD of 9p21, p53 funct.	WT	V600D	High
A2058	J. Arbiser	DMEM	High-Rb Null	Undetectable	Rb null	Undetectable ARF mRNA, p53 functl.	WT	V600E	Med
SKMEL24	ATCC	MEM, 0.5X AA ^b	Undetectable	Undetectable	HD of 9p21	HD of 9p21, p53 funct.	WT	V600E	High
SKMEL28	ATCC	MEM, 0.5X AA ^b	High-CDK mut.	High-p53 inact.	CDK4 Arg24Cys mut.	p53 Mut (Leu145Arg)	WT	V600E	High

^a All base media contain 10% FCS + pen/strep

^b 0.5X Non-essential Amino Acids (AA)

HD = Homozygous Deletion

Shields et al., Supp. Table 3 -- Significant Genes List -- SAM analysis by RAS v RAF v WT status

Input Parameters

Imputation Engine

Data Type

Number of Permutations

Blocked Permutation?

RNG Seed

Delta

(Upper Cutoff, Lower Cutoff)

10-Nearest Neighbor Imputer

Multiclass Response

100

FALSE

1234567

0.45483

(1.51806, -∞)

Computed Quantities

Computed Exchangeability Factor S0

S0 percentile

False Significant Number (Median, 90 percentile)

False Discovery Rate (Median, 90 percentile)

Pi0Hat

0.082034176

0

(25.20675, 48.86231)

(4.93283, 9.56210)

0.77559

511 Positive Significant Genes

Row	Gene:AGI HUM1 OLIGO A:	Gene ID	Score(d)	Numerator(r)	Denominator(s+s0)	q-value (%)
11371	AGI_HUM1_OLIGO_A_23_P96383	SRPX sushi-repeat-containing protein, X-linked NM_006307 	5.115464897	3.780608669	0.739054758	1.384986015
7872	AGI_HUM1_OLIGO_A_23_P399255	MGC33993 hypothetical protein MGC33993 NM_152737 	5.030548127	2.990170346	0.594402493	1.384986015
19899	AGI_HUM1_OLIGO_A_32_P191441	FLJ32938 hypothetical protein FLJ32938 AF435960 	3.923772435	2.05718328	0.524287102	1.384986015
13453	AGI_HUM1_OLIGO_A_24_P233995	FLJ22390 hypothetical protein FLJ22390 AK000035 	3.88594523	1.487583653	0.382811276	1.384986015
14633	AGI_HUM1_OLIGO_A_24_P318656	ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) M35999 	3.695059959	2.619169537	0.708830051	1.384986015
18848	AGI_HUM1_OLIGO_A_32_P117453	 A_32_BS117453 	2.78540883	1.553178661	0.557612457	1.384986015
1646	AGI_HUM1_OLIGO_A_23_P132115	SNF1LK SNF1-like kinase NM_173354 	2.698734598	1.496496357	0.554517794	1.384986015
8687	AGI_HUM1_OLIGO_A_23_P452	DDR2 discoidin domain receptor family, member 2 NM_006182 	2.672100991	1.315304681	0.492236141	1.384986015
6217	AGI_HUM1_OLIGO_A_23_P316460	MGC3036 hypothetical protein MGC3036 NM_138434 	2.662934233	2.186052033	0.820918521	1.384986015
10168	AGI_HUM1_OLIGO_A_23_P71946	BSPRY B-box and SPRY domain containing NM_017688 	2.660592474	1.68156749	0.632027455	1.384986015
8321	AGI_HUM1_OLIGO_A_23_P421513	LOC220594 TL132 protein NM_145809 	2.621822577	0.949302261	0.362077232	1.384986015
18039	AGI_HUM1_OLIGO_A_24_P918147	FBXO32 F-box only protein 32 AK023391 	2.589683623	2.578443227	0.995659549	1.384986015
9177	AGI_HUM1_OLIGO_A_23_P52589	C11orf13 chromosome 11 open reading frame 13 NM_003475 	2.583426595	1.16540778	0.451109307	1.384986015
10379	AGI_HUM1_OLIGO_A_23_P7642	SPARC secreted protein, acidic, cysteine-rich (osteonectin) NM_003118 	2.578367061	3.487454305	1.352582554	1.384986015
9095	AGI_HUM1_OLIGO_A_23_P50919	SERPINE2 serine (or cysteine) proteinase inhibitor, clade E NM_006216 	2.558234383	2.630409077	1.028212698	1.384986015
20282	AGI_HUM1_OLIGO_A_32_P214860	 THC1424520 	2.548945491	1.231610608	0.483184365	1.384986015
3092	AGI_HUM1_OLIGO_A_23_P159671	PHKA2 phosphorylase kinase, alpha 2 (liver) NM_000292 	2.532558642	0.85362682	0.337061028	1.384986015
11030	AGI_HUM1_OLIGO_A_23_P89062	MGC3020 hypothetical protein MGC3020 NM_024048 	2.510583793	0.773541968	0.308112388	1.384986015
19486	AGI_HUM1_OLIGO_A_32_P161836	 I_1110147 	2.50312346	0.70515112	0.281708486	1.384986015
13815	AGI_HUM1_OLIGO_A_24_P257348	JWA cytoskeleton related vitamin A responsive protein NM_006407 	2.502422096	1.17564798	0.469804028	1.384986015
4410	AGI_HUM1_OLIGO_A_23_P209499	PAX3 paired box gene 3 (Waardenburg syndrome 1) NM_181458 	2.498813718	2.85736243	1.143487571	1.384986015
631	AGI_HUM1_OLIGO_A_23_P111888	CTHRC1 collagen triple helix repeat containing 1 NM_138455 	2.477967734	3.523654608	1.421993741	1.384986015
8707	AGI_HUM1_OLIGO_A_23_P4561	SERPINB8 serine (or cysteine) proteinase inhibitor, clade B NM_002640 	2.477374824	1.114853314	0.450013984	1.384986015
6113	AGI_HUM1_OLIGO_A_23_P311732	GNG12 guanine nucleotide binding protein (G protein), gamma 12 NM_018841 	2.442295952	1.410039763	0.577341891	1.384986015
4872	AGI_HUM1_OLIGO_A_23_P217384	AP1S2 adaptor-related protein complex 1, sigma 2 subunit NM_003916 	2.442174135	2.148485265	0.879742863	1.384986015
5285	AGI_HUM1_OLIGO_A_23_P252721	DLC1 deleted in liver cancer 1 AF026219 	2.418924848	2.151241654	0.889337945	1.384986015
8915	AGI_HUM1_OLIGO_A_23_P49412	MGC3121 hypothetical protein MGC3121 NM_024031 	2.414625965	0.790223009	0.327265183	1.384986015

11781 AGI_HUM1_OLIGO_A_24_P115762	<u>CTSC cathepsin C NM_148170 </u>	2.390773785	1.494563469	0.625137969	1.384986015
12296 AGI_HUM1_OLIGO_A_24_P152188	<u> ENST00000295902 </u>	2.387137785	1.365959249	0.572216341	1.384986015
493 AGI_HUM1_OLIGO_A_23_P109269	<u>LAMA5 laminin, alpha 5 NM_005560 </u>	2.382350558	1.170543211	0.491339617	1.384986015
7841 AGI_HUM1_OLIGO_A_23_P397999	<u>FZD5 frizzled homolog 5 (Drosophila) NM_003468 </u>	2.379996042	1.047486657	0.440121176	1.384986015
25 AGI_HUM1_OLIGO_A_23_P100478	<u>MYST1 MYST histone acetyltransferase 1 NM_032188 </u>	2.366871307	1.019275373	0.430642498	1.384986015
12206 AGI_HUM1_OLIGO_A_24_P144527	<u>ARV1 likely ortholog of yeast ARV1 AK026629 </u>	2.355998631	0.600268195	0.254782913	1.384986015
6458 AGI_HUM1_OLIGO_A_23_P329353	<u>DKFZP566K1924 DKFZP566K1924 protein NM_015463 </u>	2.33943429	2.274789167	0.972367199	1.384986015
2766 AGI_HUM1_OLIGO_A_23_P153320	<u>ICAM1 intercellular adhesion molecule 1 (CD54), human rhinovirus receptor NM_000201 </u>	2.330675464	2.164016918	0.928493456	1.384986015
20697 AGI_HUM1_OLIGO_A_32_P30004	<u> Homo sapiens cDNA FLJ141454 fis. clone BRSTN2011597 AF086044 </u>	2.326304255	2.844853403	1.222906848	1.384986015
7840 AGI_HUM1_OLIGO_A_23_P39799	<u>LOXL3 lysyl oxidase-like 3 NM_032603 </u>	2.303571188	2.120339148	0.9204574	1.384986015
4955 AGI_HUM1_OLIGO_A_23_P218646	<u>TNFRSF6B tumor necrosis factor receptor superfamily, member 6b, decoy NM_032957 </u>	2.299713229	0.661274898	0.287546677	1.384986015
2247 AGI_HUM1_OLIGO_A_23_P143526	<u>S100B S100 calcium binding protein, beta (neural) NM_006272 </u>	2.286325951	3.69780037	1.617354852	1.384986015
17847 AGI_HUM1_OLIGO_A_24_P88763	<u>LOXL3 lysyl oxidase-like 3 NM_032603 </u>	2.284143158	2.431573313	1.064545059	1.384986015
13063 AGI_HUM1_OLIGO_A_24_P204690	<u> ENST00000332467 </u>	2.264421942	1.042093229	0.460202761	1.384986015
3463 AGI_HUM1_OLIGO_A_23_P166360	<u>PRAME preferentially expressed antigen in melanoma NM_006115 </u>	2.263221578	2.089767793	0.923359786	1.384986015
19356 AGI_HUM1_OLIGO_A_32_P151823	<u>na similar to RIKEN cDNA 1110004H10 gene BC040619 </u>	2.24612711	1.630732578	0.726019721	1.384986015
321 AGI_HUM1_OLIGO_A_23_P106024	<u>JAG2 jagged 2 NM_002226 </u>	2.240329327	1.417694013	0.632806077	1.384986015
142 AGI_HUM1_OLIGO_A_23_P102575	<u>SLC2A4RG SLC2A4 regulator NM_020062 </u>	2.237171213	0.878446119	0.392659316	1.384986015
1315 AGI_HUM1_OLIGO_A_23_P125643	<u>ASB9 ankyrin repeat and SOCS box-containing 9 NM_024087 </u>	2.227977861	1.962980179	0.881059104	1.384986015
6061 AGI_HUM1_OLIGO_A_23_P309619	<u>KIAA1671 KIAA1671 protein AB051458 </u>	2.224614109	0.889730374	0.399948185	1.384986015
8188 AGI_HUM1_OLIGO_A_23_P415401	<u>BTEB1 basic transcription element binding protein 1 NM_001206 </u>	2.221739637	2.556411006	1.150634828	1.384986015
8791 AGI_HUM1_OLIGO_A_23_P4714	<u>MIA melanoma inhibitory activity NM_006533 </u>	2.221180056	3.178400815	1.430951447	1.384986015
19022 AGI_HUM1_OLIGO_A_32_P129810	<u> Homo sapiens cDNA FLJ25645 fis. clone SYN00113 AK098511 </u>	2.220547206	0.924073888	0.416146923	1.384986015
5889 AGI_HUM1_OLIGO_A_23_P300220	<u>FLJ30213 hypothetical protein FLJ30213 NM_145008 </u>	2.20798822	1.099454462	0.497943989	1.384986015
11029 AGI_HUM1_OLIGO_A_23_P8906	<u>ST7 suppression of tumorigenicity NM_013437 </u>	2.199392447	1.654071943	0.752058572	1.384986015
12848 AGI_HUM1_OLIGO_A_24_P190804	<u>AP1S2 adaptor-related protein complex 1, sigma 2 subunit NM_003916 </u>	2.19666701	1.859303574	0.846420311	1.384986015
5180 AGI_HUM1_OLIGO_A_23_P25069	<u>DKFZp434C0631 hypothetical protein DKFZp434C0631 NM_173498 </u>	2.186680246	2.160633477	0.988088442	1.384986015
6517 AGI_HUM1_OLIGO_A_23_P332399	<u>CED-6 PTB domain adaptor protein CED-6 NM_016315 </u>	2.184633638	2.114552546	0.967920895	1.384986015
10947 AGI_HUM1_OLIGO_A_23_P87742	<u>HOM-TES-103 HOM-TES-103 tumor antigen-like NM_080730 </u>	2.18139305	1.387703408	0.636154685	1.384986015
16989 AGI_HUM1_OLIGO_A_24_P665504	<u> Homo sapiens sequence similarity to protein ref:NP_115630.1 (H.sapiens) BQ345480 </u>	2.173802298	0.571829574	0.263055005	1.423104896
5394 AGI_HUM1_OLIGO_A_23_P255104	<u>LHFPL2 lipoma HMGIC fusion partner-like 2 NM_005779 </u>	2.172091879	1.075449809	0.495121693	1.423104896
1878 AGI_HUM1_OLIGO_A_23_P136573	<u>SIAT9 sialyltransferase 9 ; GM3 synthase NM_003896 </u>	2.167111478	1.215949019	0.561092049	1.423104896
9379 AGI_HUM1_OLIGO_A_23_P56505	<u>ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) NM_000885 </u>	2.155474595	1.930082374	0.895432671	1.423104896
6939 AGI_HUM1_OLIGO_A_23_P354074	<u>CHS1 Chediak-Higashi syndrome 1 NM_000081 </u>	2.144095884	1.818269602	0.848035583	1.423104896
5745 AGI_HUM1_OLIGO_A_23_P27573	<u>TFPT TCF3 (E2A) fusion partner (in childhood Leukemia) NM_013342 </u>	2.137476737	0.701733844	0.328300108	1.423104896
20769 AGI_HUM1_OLIGO_A_32_P33802	<u>ETV5 ets variant gene 5 (ets-related molecule) NM_004454 </u>	2.130708981	1.552168294	0.728475032	1.423104896
4106 AGI_HUM1_OLIGO_A_23_P20443	<u>LZTS1 leucine zipper, putative tumor suppressor 1 NM_021020 </u>	2.119662433	2.581497263	1.217881311	1.423104896
4944 AGI_HUM1_OLIGO_A_23_P218523	<u>FZR1 Fzr1 protein AF218008 </u>	2.113173815	1.670727423	0.790624705	1.423104896
19797 AGI_HUM1_OLIGO_A_32_P184330	<u> THC1482009 </u>	2.10900938	1.055114723	0.500289251	1.423104896
11671 AGI_HUM1_OLIGO_A_24_P107859	<u>SPRED1 sprouty-related, EVH1 domain containing 1 NM_152594 </u>	2.108516426	1.008922781	0.478498895	1.423104896
10843 AGI_HUM1_OLIGO_A_23_P85716	<u>FCGR2A Fc fragment of IgG, low affinity IIa, receptor for (CD32) NM_021642 </u>	2.10829236	1.597537327	0.75773994	1.423104896
17316 AGI_HUM1_OLIGO_A_24_P74997	<u> ENST00000249376 </u>	2.10672188	1.952788329	0.926932191	1.423104896
14821 AGI_HUM1_OLIGO_A_24_P331655	<u>LOC283849 hypothetical protein LOC283849 NM_178516 </u>	2.094706413	0.667741878	0.318775879	1.423104896
12150 AGI_HUM1_OLIGO_A_24_P141481	<u>CD59 CD59 antigen p18-20 M95708 </u>	2.088441997	1.455980573	0.697161125	1.423104896
18759 AGI_HUM1_OLIGO_A_32_P112279	<u>FLJ20400 CTF8, chromosome transmission fidelity factor 8 (S. cerevisiae) NM_017804 </u>	2.083458063	0.866228039	0.415764567	1.423104896
937 AGI_HUM1_OLIGO_A_23_P118289	<u>BCL7C B-cell CLL/lymphoma 7C NM_004765 </u>	2.0805534	0.831048114	0.399436089	1.423104896
13859 AGI_HUM1_OLIGO_A_24_P262201	<u>SULT1A3 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 NM_003166 </u>	2.079544934	0.991394127	0.476736093	1.423104896
21488 AGI_HUM1_OLIGO_A_32_P74983	<u> ENST00000323416 </u>	2.07213017	1.025156822	0.494735725	1.423104896

8611 AGI_HUM1_OLIGO_A_23_P436336	<u>LOC349114 hypothetical protein LOC349114 AK097404 </u>	2.068142207	0.849456014	0.410733851	1.423104896
4910 AGI_HUM1_OLIGO_A_23_P217968	<u>CGI-85 CGI-85 protein NM_016028 </u>	2.066487136	0.618598952	0.299348078	1.423104896
4306 AGI_HUM1_OLIGO_A_23_P207650	<u>ACADVL acyl-Coenzyme A dehydrogenase, very long chain NM_000018 </u>	2.060376101	0.698091738	0.338817625	1.423104896
18578 AGI_HUM1_OLIGO_A_32_P101031	<u>MGC29643 hypothetical protein MGC29643 AK075487 </u>	2.058082914	2.54422681	1.236212007	1.423104896
5788 AGI_HUM1_OLIGO_A_23_P2831	<u>EDNRB endothelin receptor type B NM_003991 </u>	2.057876181	2.96978024	1.44312873	1.423104896
10425 AGI_HUM1_OLIGO_A_23_P77079	<u>MYEF2 myelin expression factor 2 NM_016132 </u>	2.057312034	1.710958496	0.831647542	1.423104896
19431 AGI_HUM1_OLIGO_A_32_P157945	<u>DSP desmoplakin NM_004415 </u>	2.052479234	1.321505911	0.643858359	1.423104896
5134 AGI_HUM1_OLIGO_A_23_P24870	<u>CD44 CD44 antigen (homing function and Indian blood group system) NM_000610 </u>	2.050063313	2.847076696	1.388775009	1.423104896
996 AGI_HUM1_OLIGO_A_23_P119362	<u>EMP3 epithelial membrane protein 3 NM_001425 </u>	2.045323913	1.131258208	0.553094892	1.423104896
9973 AGI_HUM1_OLIGO_A_23_P68486	<u>C20orf108 chromosome 20 open reading frame 108 NM_080821 </u>	2.044677241	1.107823182	0.54180834	1.423104896
14927 AGI_HUM1_OLIGO_A_24_P337796	<u>STK17A serine/threonine kinase 17a (apoptosis-inducing) BC047696 </u>	2.043628298	1.030943196	0.504467078	1.423104896
19842 AGI_HUM1_OLIGO_A_32_P186865	<u> THC1510047 </u>	2.037642899	0.962325731	0.472273984	1.423104896
5822 AGI_HUM1_OLIGO_A_23_P28953	<u>DNMT3B DNA (cytosine-5-)-methyltransferase 3 beta NM_175850 </u>	2.032514936	0.818480836	0.402693639	1.423104896
18708 AGI_HUM1_OLIGO_A_32_P109078	<u> I_928440 </u>	2.032014895	1.301728519	0.640609733	1.423104896
10233 AGI_HUM1_OLIGO_A_23_P73540	<u>JM11 JM11 protein NM_033626 </u>	2.022641664	1.081323385	0.534609469	1.423104896
12122 AGI_HUM1_OLIGO_A_24_P13804	<u>FLJ13111 hypothetical protein FLJ13111 NM_025082 </u>	2.017726667	0.640120321	0.317248283	1.423104896
10635 AGI_HUM1_OLIGO_A_23_P80759	<u>PVRL3 poliovirus receptor-related 3 BC001336 </u>	2.015936259	2.307573176	1.144665743	1.423104896
19622 AGI_HUM1_OLIGO_A_32_P170736	<u>FLJ36031 hypothetical protein FLJ36031 AK098422 </u>	2.012808407	1.038382373	0.515887339	1.423104896
7258 AGI_HUM1_OLIGO_A_23_P36928	<u>MGC9850 hypothetical protein MGC9850 NM_015972 </u>	2.011749629	0.769663611	0.382584194	1.423104896
19800 AGI_HUM1_OLIGO_A_32_P184464	<u>ROPN1 ropporin, rhophilin associated protein 1 NM_017578 </u>	2.004362196	2.507835721	1.251188895	1.423104896
10821 AGI_HUM1_OLIGO_A_23_P85201	<u>PLP1 proteolipid protein 1 (Pelizaeus-Merzbacher disease) NM_000533 </u>	1.996591097	2.713711655	1.359172471	1.423104896
5901 AGI_HUM1_OLIGO_A_23_P300905	<u>CFP1 cyclin fold protein 1 NM_145012 </u>	1.990075411	0.640529048	0.321861696	1.423104896
10398 AGI_HUM1_OLIGO_A_23_P76731	<u>RAGE renal tumor antigen NM_014226 </u>	1.989844896	1.495198559	0.751414626	1.423104896
2772 AGI_HUM1_OLIGO_A_23_P153441	<u>HOOK2 hook2 protein NM_013312 </u>	1.987929808	0.812046228	0.408488381	1.423104896
19165 AGI_HUM1_OLIGO_A_32_P139894	<u> I_1985796 </u>	1.985845598	1.184620705	0.59653213	1.423104896
5114 AGI_HUM1_OLIGO_A_23_P2446	<u>TMEM5 transmembrane protein 5 NM_014254 </u>	1.984874865	0.716308833	0.360883623	1.423104896
11044 AGI_HUM1_OLIGO_A_23_P89410	<u>BECN1 beclin 1 (coiled-coil, myosin-like BCL2 interacting protein) NM_003766 </u>	1.983598169	0.644343538	0.324835719	1.423104896
1886 AGI_HUM1_OLIGO_A_23_P136787	<u>MGC14799 hypothetical protein MGC14799 NM_032336 </u>	1.982962335	1.055723499	0.532397152	1.423104896
10720 AGI_HUM1_OLIGO_A_23_P82814	<u>FBXO32 F-box only protein 32 NM_058229 </u>	1.976790823	1.810586552	0.915922176	1.423104896
12889 AGI_HUM1_OLIGO_A_24_P193648	<u>GPT2 glutamic pyruvate transaminase (alanine aminotransferase) 2 AY029173 </u>	1.974067412	0.82641715	0.418636742	1.423104896
21868 AGI_HUM1_OLIGO_A_32_P97169	<u> THC1453426 </u>	1.970137175	2.635700955	1.337826111	1.423104896
1466 AGI_HUM1_OLIGO_A_23_P128698	<u>SPRY2 sprouty homolog 2 (Drosophila) NM_005842 </u>	1.968031854	2.066499651	1.05003364	1.423104896
7865 AGI_HUM1_OLIGO_A_23_P399078	<u>TIMP3 tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy) NM_000362 </u>	1.964357005	2.659849716	1.354056167	1.423104896
2195 AGI_HUM1_OLIGO_A_23_P142560	<u>ZFX1B zinc finger homeobox 1b NM_014795 </u>	1.963782428	2.142893304	1.091207087	1.423104896
21185 AGI_HUM1_OLIGO_A_32_P5480	<u>LOC253782 hypothetical protein LOC253782 AK024891 </u>	1.953934441	1.019240974	0.521635196	1.638575003
21066 AGI_HUM1_OLIGO_A_32_P48842	<u> Homo sapiens LOC347478 (LOC347478), mRNA BM726874 </u>	1.950863718	1.995262811	1.022758685	1.638575003
5868 AGI_HUM1_OLIGO_A_23_P29769	<u>TAZ transcriptional co-activator with PDZ-binding motif (TAZ) NM_015472 </u>	1.948263684	1.231426416	0.632063527	1.638575003
597 AGI_HUM1_OLIGO_A_23_P111260	<u>NT5E 5'-nucleotidase, ecto (CD73) X55740 </u>	1.945632729	1.220955059	0.627536246	1.638575003
328 AGI_HUM1_OLIGO_A_23_P106158	<u>C14orf160 chromosome 14 open reading frame 160 NM_024884 </u>	1.944528311	0.514551184	0.26461491	1.638575003
11309 AGI_HUM1_OLIGO_A_23_P94819	<u>RPH3AL rabphilin 3A-like (without C2 domains) NM_006987 </u>	1.943251987	0.814092152	0.41893288	1.638575003
18390 AGI_HUM1_OLIGO_A_24_P940499	<u>DIP2 disco-interacting protein 2 (Drosophila) homolog D80006 </u>	1.943169945	0.701447328	0.360980948	1.638575003
8469 AGI_HUM1_OLIGO_A_23_P429560	<u>SSH1 slingshot 1 NM_018984 </u>	1.936939588	0.993582986	0.512965398	1.638575003
5031 AGI_HUM1_OLIGO_A_23_P22682	<u>ALEX1 ALEX1 protein NM_016608 </u>	1.936524949	2.34357368	1.210195449	1.638575003
16050 AGI_HUM1_OLIGO_A_24_P415012	<u>ST7 suppression of tumorigenicity NM_013437 </u>	1.935349234	1.471159934	0.760152178	1.638575003
16706 AGI_HUM1_OLIGO_A_24_P586264	<u> THC1455023 </u>	1.932718177	1.552603202	0.803326227	1.638575003
2420 AGI_HUM1_OLIGO_A_23_P146830	<u>SLC25A10 solute carrier family 25 (mitochondrial : dicarboxylate transporter) NM_012140 </u>	1.931167297	0.770959759	0.39921956	1.638575003
18827 AGI_HUM1_OLIGO_A_32_P116206	<u>LOC253981 hypothetical protein LOC253981 AK025431 </u>	1.930868291	1.395854043	0.722915203	1.638575003
10323 AGI_HUM1_OLIGO_A_23_P75299	<u>LHPP phospholysine phosphohistidine inorganic pyrophosphate phosphatase NM_022126 </u>	1.929059745	1.459889448	0.756788094	1.638575003

21486 AGI_HUM1_OLIGO_A_32_P74942	<u> A 32 BS74942 </u>	1.928917488	0.959177091	0.497261856	1.638575003
4014 AGI_HUM1_OLIGO_A_23_P202881	<u>FEZ1 fasciculation and elongation protein zeta 1 (zyglin I) NM_005103 </u>	1.928532934	2.00008758	1.037103149	1.638575003
21307 AGI_HUM1_OLIGO_A_32_P63886	<u> A 32 BS63886 </u>	1.927428504	1.021143716	0.529795898	1.638575003
9466 AGI_HUM1_OLIGO_A_23_P58266	<u>S100P S100 calcium binding protein P NM_005980 </u>	1.924961181	2.325549319	1.208101931	1.638575003
7922 AGI_HUM1_OLIGO_A_23_P401547	<u>PVRL3 poliovirus receptor-related 3 NM_015480 </u>	1.924932047	2.102154985	1.092067113	1.638575003
3223 AGI_HUM1_OLIGO_A_23_P162171	<u>MCAM melanoma cell adhesion molecule NM_006500 </u>	1.921985088	1.619260569	0.842493825	1.638575003
5818 AGI_HUM1_OLIGO_A_23_P28878	<u>C20orf27 chromosome 20 open reading frame 27 NM_017874 </u>	1.920732843	0.797979951	0.415455983	1.638575003
9906 AGI_HUM1_OLIGO_A_23_P66813	<u>SIRT7 sirtuin (silent mating type information regulation 2 homolog) 7 NM_016538 </u>	1.91814795	0.966947298	0.504104648	1.638575003
312 AGI_HUM1_OLIGO_A_23_P105803	<u>FGF9 fibroblast growth factor 9 (glia-activating factor) NM_002010 </u>	1.915814481	1.894760336	0.989010343	1.638575003
18384 AGI_HUM1_OLIGO_A_24_P940115	<u>DLC1 deleted in liver cancer 1 NM_006094 </u>	1.915802506	1.76296542	0.920222943	1.638575003
2684 AGI_HUM1_OLIGO_A_23_P151970	<u>FEM1B fem-1 homolog b (C. elegans) NM_015322 </u>	1.910434398	0.82396019	0.431294679	1.638575003
5112 AGI_HUM1_OLIGO_A_23_P24433	<u>CTSE cathepsin F NM_003793 </u>	1.909016096	1.988381317	1.041573888	1.638575003
428 AGI_HUM1_OLIGO_A_23_P107911	<u>KLK10 kallikrein 10 NM_002776 </u>	1.904374195	2.19938222	1.154910745	1.638575003
63 AGI_HUM1_OLIGO_A_23_P10127	<u>SFRP1 secreted frizzled-related protein 1 NM_003012 </u>	1.903269421	2.620300731	1.376736631	1.638575003
1866 AGI_HUM1_OLIGO_A_23_P13632	<u>PYM PYM protein NM_032345 </u>	1.902628512	0.667955224	0.351069702	1.638575003
13202 AGI_HUM1_OLIGO_A_24_P214598	<u>DKFZp761G058 hypothetical protein DKFZp761G058 NM_152542 </u>	1.900201405	1.116117349	0.587367921	1.638575003
12246 AGI_HUM1_OLIGO_A_24_P148151	<u>TSNAX translin-associated factor X NM_005999 </u>	1.896796077	0.730614667	0.385183561	1.638575003
6957 AGI_HUM1_OLIGO_A_23_P354805	<u>KLF12 Kruppel-like factor 12 NM_007249 </u>	1.890586437	1.558587649	0.824393754	1.638575003
17241 AGI_HUM1_OLIGO_A_24_P727884	<u>G2 G2 protein U10991 </u>	1.889247313	2.193928932	1.161271432	1.638575003
2454 AGI_HUM1_OLIGO_A_23_P147647	<u>SGCD sarcoglycan, delta (35kDa dystrophin-associated glycoprotein) NM_000337 </u>	1.886131208	2.033947124	1.0783699	1.917672944
13085 AGI_HUM1_OLIGO_A_24_P20630	<u>LEF1 lymphoid enhancer-binding factor 1 NM_016269 </u>	1.885997611	2.428820366	1.287817308	1.917672944
10726 AGI_HUM1_OLIGO_A_23_P82929	<u>NOV neuroblastoma overexpressed gene NM_002514 </u>	1.885168577	2.680724659	1.422007926	1.917672944
7298 AGI_HUM1_OLIGO_A_23_P371239	<u>KIAA1694 KIAA1694 protein NM_030629 </u>	1.882966956	1.127470509	0.598773391	1.917672944
18233 AGI_HUM1_OLIGO_A_24_P929818	<u> S73202 </u>	1.881203919	2.340133454	1.24395523	1.917672944
11330 AGI_HUM1_OLIGO_A_23_P9523	<u>RBSK ribokinase NM_022128 </u>	1.879520291	0.949718115	0.505298144	1.917672944
9834 AGI_HUM1_OLIGO_A_23_P65518	<u>DACT1 dapper homolog 1, antagonist of beta-catenin (xenopus) AF251079 </u>	1.878051458	2.067284521	1.100760319	1.917672944
8956 AGI_HUM1_OLIGO_A_23_P500381	<u>HTR7 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled) NM_019859 </u>	1.877487838	1.306052407	0.695638278	1.917672944
3267 AGI_HUM1_OLIGO_A_23_P163006	<u>HNRPC heterogeneous nuclear ribonucleoprotein C (C1/C2) NM_031314 </u>	1.87684545	0.585473439	0.311945472	1.917672944
18141 AGI_HUM1_OLIGO_A_24_P924697	<u> Homo sapiens cDNA FLJ31353 fis, clone MESAN2000264. AK055915 </u>	1.876814055	1.386236982	0.738611787	1.917672944
20471 AGI_HUM1_OLIGO_A_32_P226567	<u> I 3212830 </u>	1.875323444	0.657976584	0.35086032	1.917672944
19932 AGI_HUM1_OLIGO_A_32_P193695	<u> I 3334134 </u>	1.871607414	0.63027538	0.336756189	1.917672944
8971 AGI_HUM1_OLIGO_A_23_P500861	<u>SYNE1 spectrin repeat containing, nuclear envelope 1 NM_033071 </u>	1.869956244	0.867742935	0.464044513	1.917672944
4992 AGI_HUM1_OLIGO_A_23_P219197	<u>RGS3 regulator of G-protein signalling 3 NM_144488 </u>	1.869838229	1.128190008	0.603362361	1.917672944
16092 AGI_HUM1_OLIGO_A_24_P417407	<u>ROPN1 ropporin, rhophilin associated protein 1 BC015413 </u>	1.864118927	2.291567651	1.229303355	1.917672944
16207 AGI_HUM1_OLIGO_A_24_P456944	<u> Homo sapiens LOC340126 (LOC340126). mRNA XM_290925 </u>	1.863145871	0.628238159	0.337192148	1.917672944
21496 AGI_HUM1_OLIGO_A_32_P75284	<u> THC1410410 </u>	1.862976462	0.988018321	0.530343964	1.917672944
21150 AGI_HUM1_OLIGO_A_32_P52785	<u>DAAM2 dishevelled associated activator of morphogenesis 2 NM_015345 </u>	1.861140315	1.327560335	0.713304808	1.917672944
9762 AGI_HUM1_OLIGO_A_23_P64051	<u> I 935762 </u>	1.859930735	1.452574994	0.780983381	1.917672944
19750 AGI_HUM1_OLIGO_A_32_P180825	<u> Homo sapiens, clone IMAGE:4213061, mRNA BC029107 </u>	1.859832552	1.887407186	1.014826406	1.917672944
18533 AGI_HUM1_OLIGO_A_24_P98021	<u>MAP7 microtubule-associated protein 7 NM_003980 </u>	1.858155514	1.636568093	0.880748721	1.917672944
8918 AGI_HUM1_OLIGO_A_23_P49448	<u>FAXDC1 fatty acid hydroxylase domain containing 1 NM_024306 </u>	1.857635024	1.964319005	1.05743	1.917672944
6744 AGI_HUM1_OLIGO_A_23_P345139	<u>MGC20700 hypothetical protein MGC20700 NM_174983 </u>	1.857554548	1.228930282	0.66158503	1.917672944
12330 AGI_HUM1_OLIGO_A_24_P153448	<u>FZR1 Fzr1 protein AF218008 </u>	1.857451306	0.89602574	0.482395278	1.917672944
4563 AGI_HUM1_OLIGO_A_23_P212159	<u>NUP210 nucleoporin 210 NM_024923 </u>	1.856176009	1.299188785	0.699927582	1.917672944
5587 AGI_HUM1_OLIGO_A_23_P258769	<u>HLA-DPB1 major histocompatibility complex, class II, DP beta 1 NM_002121 </u>	1.850919125	3.410021162	1.842339364	1.917672944
3106 AGI_HUM1_OLIGO_A_23_P160025	<u>IFI16 interferon, gamma-inducible protein 16 NM_005531 </u>	1.848436931	2.305355669	1.247191955	1.917672944
16118 AGI_HUM1_OLIGO_A_24_P184808	<u> Homo sapiens, clone MGC:15887 IMAGE:3530481, mRNA, complete cds BC009447 </u>	1.845453842	1.111509448	0.60229599	1.917672944
4537 AGI_HUM1_OLIGO_A_23_P211631	<u>FBLN1 fibulin 1 AF126110 </u>	1.845343907	1.800355351	0.975620503	1.917672944

879 AGI_HUM1_OLIGO_A_23_P11744	<u>LOC348448 hypothetical protein LOC348448 AK024481 </u>	1.843806646	0.465248676	0.252330512	1.917672944
3024 AGI_HUM1_OLIGO_A_23_P157865	<u>TNC tenascin C (hexabrachion) NM_002160 </u>	1.84119827	2.0847673	1.132288322	1.917672944
7979 AGI_HUM1_OLIGO_A_23_P404606	<u>LOC153222 adult retina protein NM_153607 </u>	1.840444784	1.116682417	0.606745949	1.917672944
749 AGI_HUM1_OLIGO_A_23_P114670	<u>ARHGEF16 Rho guanine exchange factor (GEF) 16 NM_014448 </u>	1.839278741	1.311449458	0.713023768	1.917672944
4682 AGI_HUM1_OLIGO_A_23_P214176	<u>CD109 CD109 antigen (Gov platelet alloantigens) AL834478 </u>	1.837405156	1.440336513	0.783897067	1.917672944
20171 AGI_HUM1_OLIGO_A_32_P207390	<u> A_32_BS207390 </u>	1.837051714	1.080752841	0.588308338	1.917672944
3658 AGI_HUM1_OLIGO_A_23_P170857	<u>IL1RAP interleukin 1 receptor accessory protein NM_002182 </u>	1.836942794	1.954551367	1.06402408	1.917672944
9207 AGI_HUM1_OLIGO_A_23_P53193	<u>SYTL2 synaptotagmin-like 2 NM_032943 </u>	1.835324458	1.874822006	1.021520744	1.917672944
7978 AGI_HUM1_OLIGO_A_23_P40453	<u>CBR3 carbonyl reductase 3 NM_001236 </u>	1.834597265	1.375754896	0.749894771	1.917672944
6575 AGI_HUM1_OLIGO_A_23_P335661	<u>SAMD4 sterile alpha motif domain containing 4 AB028976 </u>	1.834259102	1.849950297	1.008554514	1.917672944
18003 AGI_HUM1_OLIGO_A_24_P916141	<u>HAN11 WD-repeat protein AK025925 </u>	1.832624212	0.688087073	0.375465449	1.917672944
20347 AGI_HUM1_OLIGO_A_32_P219620	<u> THC1463763 </u>	1.830667716	1.795837313	0.980973935	2.086795072
18480 AGI_HUM1_OLIGO_A_24_P944383	<u>TAZ transcriptional co-activator with PDZ-binding motif (TAZ) AL050107 </u>	1.830346669	1.402744039	0.766381617	2.086795072
4902 AGI_HUM1_OLIGO_A_23_P217866	<u>IFI16 interferon, gamma-inducible protein 16 AK094968 </u>	1.827513712	2.091062207	1.144211501	2.086795072
8879 AGI_HUM1_OLIGO_A_23_P48740	<u>DIO2 deiodinase, iodothyronine, type II NM_013989 </u>	1.827138261	0.499420117	0.273334606	2.086795072
21675 AGI_HUM1_OLIGO_A_32_P85835	<u>B3GTL beta 3-glycosyltransferase-like AK094979 </u>	1.824318547	0.781387175	0.42831729	2.086795072
11073 AGI_HUM1_OLIGO_A_23_P90032	<u>FLJ23420 hypothetical protein FLJ23420 NM_025061 </u>	1.823788287	1.327874265	0.728085751	2.086795072
2592 AGI_HUM1_OLIGO_A_23_P150350	<u>C11orf1 chromosome 11 open reading frame 1 AJ250229 </u>	1.822679714	0.925800414	0.507933679	2.086795072
7490 AGI_HUM1_OLIGO_A_23_P379945	<u>KIAA1509 KIAA1509 protein AB040942 </u>	1.819225011	2.000268786	1.099516977	2.086795072
2442 AGI_HUM1_OLIGO_A_23_P14734	<u>RPS27L ribosomal protein S27-like NM_015920 </u>	1.819122917	1.199302638	0.65927267	2.086795072
11161 AGI_HUM1_OLIGO_A_23_P91829	<u>ESDN endothelial and smooth muscle cell-derived neuropilin-like protein BC029658 </u>	1.818463508	1.365251904	0.75077223	2.086795072
2984 AGI_HUM1_OLIGO_A_23_P157247	<u>MGC9712 hypothetical protein MGC9712 NM_152689 </u>	1.818128317	0.898808256	0.494359088	2.086795072
141 AGI_HUM1_OLIGO_A_23_P102571	<u>SLC2A4RG SLC2A4 regulator NM_020062 </u>	1.811683087	0.761400309	0.42027235	2.086795072
21740 AGI_HUM1_OLIGO_A_32_P89073	<u>LOC90378 hypothetical protein BC007384 BC007384 </u>	1.811432895	0.978664983	0.540271178	2.086795072
3469 AGI_HUM1_OLIGO_A_23_P16648	<u>PCSK4 proprotein convertase subtilisin/kexin type 4 NM_017573 </u>	1.806169476	0.82237187	0.455312683	2.086795072
17099 AGI_HUM1_OLIGO_A_24_P686247	<u>OCLN occludin CD518677 </u>	1.804741907	1.316941624	0.729711888	2.086795072
19005 AGI_HUM1_OLIGO_A_32_P128701	<u>KIAA1350 KIAA1350 protein AF085848 </u>	1.804682633	1.364861048	0.756288681	2.086795072
16139 AGI_HUM1_OLIGO_A_24_P419211	<u>MTMR6 myotubularin related protein 6 AF072928 </u>	1.80394142	0.793795086	0.440033738	2.086795072
7488 AGI_HUM1_OLIGO_A_23_P37988	<u>CPNE2 copine II NM_152727 </u>	1.802041275	0.988944741	0.548791393	2.086795072
19867 AGI_HUM1_OLIGO_A_32_P188953	<u> Homo sapiens similar to C21ORF34 (LOC343728), mRNA AF486622 </u>	1.801122302	1.277027394	0.70901759	2.086795072
10451 AGI_HUM1_OLIGO_A_23_P77493	<u>TUBB4 tubulin, beta, 4 NM_006086 </u>	1.798333227	1.351135698	0.751326661	2.086795072
4262 AGI_HUM1_OLIGO_A_23_P206856	<u>FLJ12270 hypothetical protein FLJ12270 AK022332 </u>	1.796255439	0.751205033	0.418206129	2.086795072
12506 AGI_HUM1_OLIGO_A_24_P166443	<u>HLA-DPB1 major histocompatibility complex, class II, DP beta 1 NM_002121 </u>	1.794540309	2.814582592	1.568414249	2.086795072
4307 AGI_HUM1_OLIGO_A_23_P207666	<u>USP6 ubiquitin specific protease 6 (Tre-2 oncogene) NM_004505 </u>	1.791722153	0.566503899	0.316178431	2.086795072
7148 AGI_HUM1_OLIGO_A_23_P363399	<u>SLC38A1 solute carrier family 38, member 1 NM_030674 </u>	1.788843206	2.011861042	1.124671539	2.086795072
9279 AGI_HUM1_OLIGO_A_23_P54622	<u>KIF22 kinesin family member 22 NM_007317 </u>	1.787850111	0.820886982	0.459147541	2.086795072
5693 AGI_HUM1_OLIGO_A_23_P2683	<u>FLJ21908 hypothetical protein FLJ21908 NM_024604 </u>	1.787413736	0.54665099	0.305833495	2.086795072
2686 AGI_HUM1_OLIGO_A_23_P152002	<u>BCL2A1 BCL2-related protein A1 NM_004049 </u>	1.786572054	3.439051936	1.924944437	2.086795072
21146 AGI_HUM1_OLIGO_A_32_P52609	<u>LPIN1 lipin 1 NM_145693 </u>	1.785623539	0.997538105	0.558649728	2.086795072
7829 AGI_HUM1_OLIGO_A_23_P397376	<u>MAF v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian) NM_005360 </u>	1.784260679	1.675419332	0.93899919	2.086795072
5592 AGI_HUM1_OLIGO_A_23_P258944	<u>DNAJB9 DnaJ (Hsp40) homolog, subfamily B, member 9 NM_012328 </u>	1.783595533	0.874550034	0.490329796	2.086795072
11864 AGI_HUM1_OLIGO_A_24_P119745	<u>FN1 fibronectin 1 NM_002026 </u>	1.782204525	1.909506479	1.071429487	2.086795072
3076 AGI_HUM1_OLIGO_A_23_P159255	<u>PTPRM protein tyrosine phosphatase, receptor type, M BC040543 </u>	1.78197944	1.07364526	0.602501486	2.086795072
5048 AGI_HUM1_OLIGO_A_23_P23114	<u>PTP4A2 protein tyrosine phosphatase type IVA, member 2 NM_080392 </u>	1.781618183	0.593715805	0.333245255	2.086795072
18907 AGI_HUM1_OLIGO_A_32_P12183	<u>LOC284701 hypothetical protein LOC284701 AK024248 </u>	1.781357228	0.785568304	0.440994255	2.086795072
8577 AGI_HUM1_OLIGO_A_23_P43476	<u>VLDLR very low density lipoprotein receptor NM_003383 </u>	1.781316223	1.051297659	0.590180253	2.086795072
18004 AGI_HUM1_OLIGO_A_24_P916164	<u> U25752 </u>	1.781149703	0.717674937	0.402927916	2.086795072
7717 AGI_HUM1_OLIGO_A_23_P391344	<u>LOC221002 CG4853 gene product NM_145313 </u>	1.779678159	1.939753031	1.089945967	2.086795072

5921 AGI_HUM1_OLIGO_A_23_P301855	<u>LSAMP limbic system-associated membrane protein NM_002338 </u>	1.778920172	1.434655736	0.806475613	2.086795072
11453 AGI_HUM1_OLIGO_A_23_P98147	<u>CPN1 carboxypeptidase N, polypeptide 1, 50kD NM_001308 </u>	1.777646218	1.270207683	0.7145447	2.086795072
18777 AGI_HUM1_OLIGO_A_32_P113472	<u>CDC42EP3 CDC42 effector protein (Rho GTPase binding) 3 NM_006449 </u>	1.777019311	1.371611673	0.771860871	2.086795072
12974 AGI_HUM1_OLIGO_A_24_P200603	<u>DCOHM dimerization cofactor of hepatocyte nuclear factor 1 HNF1 from muscle NM_032151 </u>	1.776393796	0.498730576	0.280754514	2.086795072
4576 AGI_HUM1_OLIGO_A_23_P212354	<u>CCR2 chemokine (C-C motif) receptor 2 NM_000647 </u>	1.773750748	0.663566091	0.374103347	2.872563586
14039 AGI_HUM1_OLIGO_A_24_P276947	<u>ACTR2 ARP2 actin-related protein 2 homolog (yeast) BC036253 </u>	1.773096395	0.626572359	0.353377493	2.872563586
7556 AGI_HUM1_OLIGO_A_23_P382775	<u>BBC3 BCL2 binding component 3 NM_014417 </u>	1.771380633	0.970717071	0.548000273	2.872563586
261 AGI_HUM1_OLIGO_A_23_P104579	<u>DOC-1R tumor suppressor deleted in oral cancer-related 1 NM_005851 </u>	1.769869426	0.702194058	0.396749075	2.872563586
9688 AGI_HUM1_OLIGO_A_23_P62831	<u>FLJ10647 hypothetical protein FLJ10647 NM_018166 </u>	1.769447406	0.777220627	0.439244831	2.872563586
15915 AGI_HUM1_OLIGO_A_24_P407224	<u>C12orf2 chromosome 12 open reading frame 2 BC040580 </u>	1.768876634	1.192505438	0.674159755	2.872563586
58 AGI_HUM1_OLIGO_A_23_P10121	<u>SFRP1 secreted frizzled-related protein 1 BC036503 </u>	1.768851182	2.245666423	1.269562101	2.872563586
1763 AGI_HUM1_OLIGO_A_23_P134225	<u>MGC3036 hypothetical protein MGC3036 NM_023942 </u>	1.766657207	1.25997086	0.713194872	2.872563586
11751 AGI_HUM1_OLIGO_A_24_P113295	<u>AP2S1 adaptor-related protein complex 2, sigma 1 subunit NM_004069 </u>	1.764751837	0.645016584	0.365499879	2.872563586
7231 AGI_HUM1_OLIGO_A_23_P368028	<u>TP53I11 tumor protein p53 inducible protein 11 NM_006034 </u>	1.761701036	1.053457796	0.597977622	2.872563586
13721 AGI_HUM1_OLIGO_A_24_P252364	<u>NRCAM neuronal cell adhesion molecule NM_005010 </u>	1.759446445	1.696077838	0.963983782	2.872563586
617 AGI_HUM1_OLIGO_A_23_P111621	<u>GTF2IRD1 GTF2I repeat domain containing 1 NM_016328 </u>	1.759421899	0.888462021	0.504973833	2.872563586
1924 AGI_HUM1_OLIGO_A_23_P137470	<u>KIAA1389 KIAA1389 protein AK093191 </u>	1.755678144	1.743259562	0.992926618	2.872563586
18978 AGI_HUM1_OLIGO_A_32_P126928	<u> AF119875 </u>	1.754694393	0.699075547	0.398403021	2.872563586
8602 AGI_HUM1_OLIGO_A_23_P435941	<u>LOC90378 hypothetical protein BC007384 BC007384 </u>	1.752945111	0.985274067	0.562067837	2.872563586
11816 AGI_HUM1_OLIGO_A_24_P118171	<u>MAGI-3 membrane-associated guanylate kinase-related (MAGI-3) AK026417 </u>	1.752682156	0.720573635	0.411126246	2.872563586
13857 AGI_HUM1_OLIGO_A_24_P261734	<u> I_934114 </u>	1.751168021	2.146900213	1.225981851	2.872563586
6287 AGI_HUM1_OLIGO_A_23_P319583	<u>RIMS3 regulating synaptic membrane exocytosis 3 NM_014747 </u>	1.749411731	1.511388059	0.863940736	2.872563586
11280 AGI_HUM1_OLIGO_A_23_P94230	<u>LY96 lymphocyte antigen 96 NM_015364 </u>	1.748187282	2.239479423	1.281029468	2.872563586
11519 AGI_HUM1_OLIGO_A_23_P99473	<u>UPF3A UPF3 regulator of nonsense transcripts homolog A (yeast) NM_023011 </u>	1.742427827	0.555806764	0.318984095	2.872563586
12713 AGI_HUM1_OLIGO_A_24_P181055	<u>SIAT4C sialyltransferase 4C (beta-galactoside alpha-2,3-sialyltransferase) NM_006278 </u>	1.741599807	1.005234158	0.577190095	2.872563586
1848 AGI_HUM1_OLIGO_A_23_P135914	<u>SF3B3 splicing factor 3b, subunit 3, 130kDa NM_012426 </u>	1.738715164	0.570928193	0.328362118	2.872563586
8563 AGI_HUM1_OLIGO_A_23_P434212	<u>SULT1A1 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 NM_177529 </u>	1.738188595	1.171247566	0.67383227	2.872563586
10487 AGI_HUM1_OLIGO_A_23_P78092	<u>EVI2A ecotropic viral integration site 2A NM_014210 </u>	1.735393828	1.253212022	0.722148484	2.872563586
4025 AGI_HUM1_OLIGO_A_23_P203120	<u>IGSF4 immunoglobulin superfamily, member 4 AK075502 </u>	1.734402997	2.287968309	1.319167641	2.872563586
17255 AGI_HUM1_OLIGO_A_24_P7330	<u> ENST00000324613 </u>	1.73386163	1.083567751	0.624944766	2.872563586
20835 AGI_HUM1_OLIGO_A_32_P36552	<u>TFAP2C transcription factor AP-2 gamma NM_003222 </u>	1.733448638	2.149372478	1.2399401	2.872563586
15291 AGI_HUM1_OLIGO_A_24_P364381	<u>MMAB methylmalonic aciduria (cobalamin deficiency) type B BC005054 </u>	1.733416797	0.784007084	0.452290001	2.872563586
5323 AGI_HUM1_OLIGO_A_23_P25354	<u>P2RX7 purinergic receptor P2X, ligand-gated ion channel, 7 Y09561 </u>	1.731325726	1.698017454	0.980761406	2.872563586
8337 AGI_HUM1_OLIGO_A_23_P422193	<u>SUV39H1 suppressor of variegation 3-9 homolog 1 (Drosophila) NM_003173 </u>	1.730543525	0.695623884	0.401968442	2.872563586
43 AGI_HUM1_OLIGO_A_23_P100764	<u>CGI-69 CGI-69 protein NM_016016 </u>	1.724327076	0.766054021	0.444262595	2.872563586
10339 AGI_HUM1_OLIGO_A_23_P75523	<u>CD59 CD59 antigen p18-20 NM_000611 </u>	1.724086816	1.326114066	0.769168962	2.872563586
8738 AGI_HUM1_OLIGO_A_23_P46141	<u>CTSS cathepsin S BC002642 </u>	1.722150591	1.173982338	0.681695518	2.872563586
8581 AGI_HUM1_OLIGO_A_23_P434890	<u>CARD10 caspase recruitment domain family, member 10 NM_014550 </u>	1.721334459	1.732911924	1.006725866	2.872563586
19004 AGI_HUM1_OLIGO_A_32_P128586	<u> THC1426950 </u>	1.718361416	1.060847127	0.617359723	2.872563586
18901 AGI_HUM1_OLIGO_A_32_P121549	<u> Homo sapiens cDNA FLJ14210 fis, clone NT2RP3003403. BC034319 </u>	1.716884075	1.328933949	0.774038252	2.872563586
1733 AGI_HUM1_OLIGO_A_23_P133606	<u>SLC12A2 solute carrier family 12 (sodium/potassium/chloride transporters), NM_001046 </u>	1.714697056	0.831864834	0.485138078	2.872563586
5254 AGI_HUM1_OLIGO_A_23_P252062	<u>PPARG peroxisome proliferative activated receptor, gamma NM_015869 </u>	1.714437641	1.711356973	0.998203103	2.872563586
20995 AGI_HUM1_OLIGO_A_32_P45168	<u> THC1486008 </u>	1.713869342	0.782578738	0.456615168	2.872563586
2186 AGI_HUM1_OLIGO_A_23_P142389	<u>LISCH7 liver-specific bHLH-Zip transcription factor NM_015925 </u>	1.713603383	1.044453817	0.609507326	2.872563586
6955 AGI_HUM1_OLIGO_A_23_P354734	<u> NM_032088 </u>	1.713577387	0.834733336	0.487129057	2.872563586
5729 AGI_HUM1_OLIGO_A_23_P27315	<u>EMILIN2 elastin microfibril interfacer 2 NM_032048 </u>	1.711781931	2.073521448	1.211323365	2.872563586
3525 AGI_HUM1_OLIGO_A_23_P167559	<u>FLJ31951 hypothetical protein FLJ31951 NM_144726 </u>	1.710679834	1.05493549	0.616676171	2.872563586
6627 AGI_HUM1_OLIGO_A_23_P33886	<u>TIMM17B translocase of inner mitochondrial membrane 17 homolog B (yeast) NM_005834 </u>	1.709979601	0.53083146	0.310431458	2.872563586

13244 AGI_HUM1_OLIGO_A_24_P218757	<u>FLJ10661 hypothetical protein FLJ10661 AK001523 </u>	1.709933013	1.152825863	0.674193582	2.872563586
19146 AGI_HUM1_OLIGO_A_32_P138432	<u> THC1593841 </u>	1.707592359	1.223134715	0.716291982	2.872563586
4796 AGI_HUM1_OLIGO_A_23_P216132	<u>WHSC1L1 Wolf-Hirschhorn syndrome candidate 1-like 1 AF318339 </u>	1.707517911	0.898056474	0.525942638	2.872563586
2519 AGI_HUM1_OLIGO_A_23_P148959	<u>BBP beta-amyloid binding protein precursor NM_032027 </u>	1.705931777	0.560373047	0.328485028	3.361699801
6798 AGI_HUM1_OLIGO_A_23_P34744	<u>CTSK cathepsin K (pseudosclerosis) NM_000396 </u>	1.705626651	2.235733324	1.310798775	3.361699801
20807 AGI_HUM1_OLIGO_A_32_P35311	<u>PABPN1 poly(A) binding protein, nuclear 1 NM_004643 </u>	1.70236942	0.534266187	0.313836809	3.361699801
12341 AGI_HUM1_OLIGO_A_24_P153880	<u> Homo sapiens cDNA FLJ46405 fis, clone THYMU3009643 BC041854 </u>	1.701313424	0.699321393	0.411047949	3.361699801
13315 AGI_HUM1_OLIGO_A_24_P22436	<u>MGC4606 hypothetical protein MGC4606 NM_024516 </u>	1.701286457	0.592040465	0.347995755	3.361699801
465 AGI_HUM1_OLIGO_A_23_P108673	<u>FLJ13391 hypothetical protein FLJ13391 NM_032181 </u>	1.701066964	1.675144963	0.984761328	3.361699801
1388 AGI_HUM1_OLIGO_A_23_P12733	<u>H2AFY2 H2A histone family, member Y2 NM_018649 </u>	1.70056499	0.918694913	0.540229229	3.361699801
4210 AGI_HUM1_OLIGO_A_23_P206120	<u>na similar to formin, isoform IV AL833157 </u>	1.69904757	1.64834252	0.970156781	3.361699801
18403 AGI_HUM1_OLIGO_A_24_P940815	<u>SGPL1 sphingosine-1-phosphate lyase 1 NM_003901 </u>	1.698312341	0.789190975	0.464691303	3.361699801
9835 AGI_HUM1_OLIGO_A_23_P65532	<u>PELI2 pellino homolog 2 (Drosophila) NM_021255 </u>	1.696942179	0.721029147	0.424899066	3.361699801
12708 AGI_HUM1_OLIGO_A_24_P180654	<u> I_1100396 </u>	1.695623333	1.074962723	0.633963158	3.361699801
13677 AGI_HUM1_OLIGO_A_24_P24831	<u>CXYORF1 hypothetical protein CXYORF1 BC029274 </u>	1.693057792	0.445516807	0.263143296	3.361699801
9320 AGI_HUM1_OLIGO_A_23_P55319	<u>FLOT2 flotillin 2 NM_004475 </u>	1.693002236	0.711638947	0.42034141	3.361699801
4527 AGI_HUM1_OLIGO_A_23_P211468	<u>TIMP3 tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, S78453 </u>	1.691796887	2.604148053	1.539279375	3.361699801
8753 AGI_HUM1_OLIGO_A_23_P46390	<u>JFC1 NADPH oxidase-related, C2 domain-containing protein NM_032872 </u>	1.689234012	1.218053332	0.721068439	3.361699801
1946 AGI_HUM1_OLIGO_A_23_P137856	<u>MUC1 mucin 1, transmembrane NM_182741 </u>	1.687327749	1.138698446	0.67485315	3.361699801
6368 AGI_HUM1_OLIGO_A_23_P32320	<u>ASPSCR1 alveolar soft part sarcoma chromosome region, candidate 1 NM_024083 </u>	1.687197658	0.74728649	0.442915794	3.361699801
19439 AGI_HUM1_OLIGO_A_32_P158385	<u>COTL1 coactosin-like 1 (Dictyostelium) L08436 </u>	1.68654901	1.158242346	0.686752854	3.361699801
6110 AGI_HUM1_OLIGO_A_23_P311608	<u>GOSR2 golgi SNAP receptor complex member 2 NM_004287 </u>	1.685922233	0.467286998	0.27716996	3.361699801
11220 AGI_HUM1_OLIGO_A_23_P92903	<u>C1QTNF2 C1q and tumor necrosis factor related protein 2 AF329836 </u>	1.68516866	0.698905546	0.414739226	3.361699801
8221 AGI_HUM1_OLIGO_A_23_P416711	<u>Siat7c alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase III NM_152996 </u>	1.685162519	1.331739703	0.79027375	3.361699801
3428 AGI_HUM1_OLIGO_A_23_P165778	<u> BC014948 </u>	1.683842043	2.403799289	1.427568161	3.361699801
14880 AGI_HUM1_OLIGO_A_24_P334130	<u>FN1 fibronectin 1 NM_054034 </u>	1.681556511	0.981785685	0.583855303	3.361699801
8096 AGI_HUM1_OLIGO_A_23_P410965	<u>KIAA1522 KIAA1522 protein AB040955 </u>	1.678483868	1.354930359	0.807234662	3.361699801
16990 AGI_HUM1_OLIGO_A_24_P66578	<u> ENST00000281786 </u>	1.678386817	0.647524744	0.385801853	3.361699801
20840 AGI_HUM1_OLIGO_A_32_P37089	<u>MGC40489 hypothetical protein MGC40489 AK097700 </u>	1.677540116	0.779284409	0.464539955	3.361699801
12290 AGI_HUM1_OLIGO_A_24_P151727	<u> BC007108 </u>	1.676922034	0.616473126	0.367621818	3.361699801
5426 AGI_HUM1_OLIGO_A_23_P255827	<u>FKSG2 apoptosis inhibitor NM_021631 </u>	1.672416368	0.786921196	0.470529475	3.361699801
11530 AGI_HUM1_OLIGO_A_23_P99731	<u> NM_198066 </u>	1.672255691	0.576498757	0.344743188	3.361699801
14952 AGI_HUM1_OLIGO_A_24_P340066	<u>ELF4 E74-like factor 4 (ets domain transcription factor) NM_001421 </u>	1.672125742	1.095032196	0.654874313	3.361699801
18539 AGI_HUM1_OLIGO_A_24_P98263	<u>EBAG9 estrogen receptor binding site associated, antigen, 9 NM_004215 </u>	1.670551613	0.46333797	0.277356273	3.361699801
15576 AGI_HUM1_OLIGO_A_24_P383523	<u>SAMD4 sterile alpha motif domain containing 4 NM_015589 </u>	1.669604155	1.03503805	0.619930207	3.361699801
980 AGI_HUM1_OLIGO_A_23_P119095	<u>RAI RelA-associated inhibitor NM_006663 </u>	1.668157388	1.017019613	0.609666462	3.361699801
6953 AGI_HUM1_OLIGO_A_23_P35456	<u>NEURL neuralized-like (Drosophila) AK096575 </u>	1.667396643	1.378532592	0.826757447	3.361699801
4739 AGI_HUM1_OLIGO_A_23_P215154	<u>NYREN18 NEDD8 ultimate buster-1 NM_016118 </u>	1.667271395	0.649828705	0.389755805	3.361699801
7493 AGI_HUM1_OLIGO_A_23_P38011	<u>DHX38 DEAH (Asp-Glu-Ala-His) box polypeptide 38 NM_014003 </u>	1.667019754	0.672852551	0.403626022	3.361699801
366 AGI_HUM1_OLIGO_A_23_P106773	<u>SULT1A2 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2 NM_001054 </u>	1.666575435	0.839018473	0.503438642	3.361699801
5245 AGI_HUM1_OLIGO_A_23_P251937	<u>CPEB4 cytoplasmic polyadenylation element binding protein 4 NM_030627 </u>	1.665137915	1.04600921	0.628181727	3.361699801
6321 AGI_HUM1_OLIGO_A_23_P320739	<u>MEF2C MADS box transcription enhancer factor 2, NM_002397 </u>	1.662006179	2.049903421	1.233390974	3.361699801
9766 AGI_HUM1_OLIGO_A_23_P64121	<u>MGC34830 hypothetical protein MGC34830 NM_152314 </u>	1.66145888	1.47225476	0.886121695	3.361699801
4616 AGI_HUM1_OLIGO_A_23_P213050	<u>HPGD hydroxyprostaglandin dehydrogenase 15-(NAD) X82460 </u>	1.660308404	1.11178676	0.669626653	3.361699801
9676 AGI_HUM1_OLIGO_A_23_P6263	<u>MX2 myxovirus (influenza virus) resistance 2 (mouse) NM_002463 </u>	1.660307522	1.74108209	1.048650366	3.361699801
11441 AGI_HUM1_OLIGO_A_23_P97871	<u>MRF2 modulator recognition factor 2 BC036831 </u>	1.65862488	0.354396434	0.213668828	3.361699801
5413 AGI_HUM1_OLIGO_A_23_P255569	<u>PP3111 PP3111 protein NM_022156 </u>	1.655826174	0.818760606	0.494472559	3.361699801
14806 AGI_HUM1_OLIGO_A_24_P330303	<u>C14orf31 chromosome 14 open reading frame 31 NM_152330 </u>	1.65489585	1.238539489	0.748409327	3.361699801

17894 AGI_HUM1_OLIGO_A_24_P898915	<u>LOC284701 hypothetical protein LOC284701 AK024248 </u>	1.65137074	0.675793496	0.409231846	3.361699801
377 AGI_HUM1_OLIGO_A_23_P106922	<u>CHST6 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 NM_021615 </u>	1.651053564	1.492551457	0.903999416	3.361699801
16750 AGI_HUM1_OLIGO_A_24_P596251	<u> THC1544780 </u>	1.649143144	1.819794589	1.103478856	3.361699801
8466 AGI_HUM1_OLIGO_A_23_P429461	<u>FUK L-fucose kinase NM_145059 </u>	1.647355359	0.651636371	0.395565151	3.361699801
6496 AGI_HUM1_OLIGO_A_23_P331479	<u>KIAA1949 KIAA1949 protein AB075829 </u>	1.64717822	1.063558869	0.645685364	3.361699801
9985 AGI_HUM1_OLIGO_A_23_P68730	<u>C21orf97 chromosome 21 open reading frame 97 NM_021941 </u>	1.647095835	0.636904502	0.38668333	3.361699801
19933 AGI_HUM1_OLIGO_A_32_P193771	<u> I_3584059 </u>	1.645939012	0.766628749	0.465769839	3.361699801
14276 AGI_HUM1_OLIGO_A_24_P294233	<u>GLS glutaminase NM_014905 </u>	1.645633433	0.678795871	0.412483034	3.361699801
12580 AGI_HUM1_OLIGO_A_24_P170667	<u>MRF2 modulator recognition factor 2 AK024803 </u>	1.643804636	1.353737794	0.823539346	4.217410995
11726 AGI_HUM1_OLIGO_A_24_P110983	<u>SDCCAG8 serologically defined colon cancer antigen 8 BC019085 </u>	1.642332431	1.505605859	0.916748541	4.217410995
13251 AGI_HUM1_OLIGO_A_24_P219140	<u>YY1 YY1 transcription factor NM_003403 </u>	1.641741093	0.589331265	0.358967238	4.217410995
11111 AGI_HUM1_OLIGO_A_23_P90696	<u>TRB2 tribbles homolog 2 NM_021643 </u>	1.641619206	2.011217931	1.225142788	4.217410995
19885 AGI_HUM1_OLIGO_A_32_P190416	<u> THC1509776 </u>	1.641288071	1.079824085	0.657912589	4.217410995
3480 AGI_HUM1_OLIGO_A_23_P166640	<u>JWA cytoskeleton related vitamin A responsive protein NM_006407 </u>	1.635036229	0.814554745	0.498187582	4.217410995
2181 AGI_HUM1_OLIGO_A_23_P142310	<u>MKNK2 MAP kinase-interacting serine/threonine kinase 2 NM_017572 </u>	1.634657366	0.714581701	0.437144637	4.217410995
19575 AGI_HUM1_OLIGO_A_32_P167493	<u>SAP18 sin3-associated polypeptide, 18kDa AF153608 </u>	1.634579598	0.603082648	0.368952756	4.217410995
7095 AGI_HUM1_OLIGO_A_23_P360329	<u>AIM1L absent in melanoma 1-like NM_017977 </u>	1.633518052	1.64784281	1.008769268	4.217410995
21022 AGI_HUM1_OLIGO_A_32_P4626	<u> Homo sapiens clone IMAGE:110436 mRNA sequence AF143325 </u>	1.632468559	1.017343101	0.623193075	4.217410995
15224 AGI_HUM1_OLIGO_A_24_P358606	<u> ENST00000329847 </u>	1.632155946	1.890434235	1.158243635	4.217410995
10119 AGI_HUM1_OLIGO_A_23_P71067	<u>TWIST1 twist homolog 1acrocephalosyndactyly 3; Saethre-Chotzen syndrome NM_000474 </u>	1.629722937	0.745172689	0.457238879	4.217410995
7465 AGI_HUM1_OLIGO_A_23_P379071	<u>MGC21636 hypothetical protein MGC21636 NM_145032 </u>	1.628966163	0.68629973	0.421309998	4.217410995
7269 AGI_HUM1_OLIGO_A_23_P369899	<u>RIS1 Ras-induced senescence 1 NM_015444 </u>	1.625033985	1.655005942	1.018443895	4.217410995
10960 AGI_HUM1_OLIGO_A_23_P87964	<u>ESD esterase D/formylglutathione hydrolase AF112219 </u>	1.624325819	0.596862555	0.367452482	4.217410995
5004 AGI_HUM1_OLIGO_A_23_P22169	<u>FLJ10986 hypothetical protein FLJ10986 NM_018291 </u>	1.621409737	1.009093012	0.622355342	4.217410995
18251 AGI_HUM1_OLIGO_A_24_P930647	<u> S75896 </u>	1.621059747	0.376529386	0.232273602	4.217410995
16892 AGI_HUM1_OLIGO_A_24_P639629	<u> Homo sapiens cDNA FLJ31683 fis, clone NT2RI2005353. AK056245 </u>	1.620910334	1.234879004	0.761842884	4.217410995
1091 AGI_HUM1_OLIGO_A_23_P120941	<u>ATF4 activating transcription factor 4 (tax-responsive enhancer element B67) NM_001675 </u>	1.620191465	0.598432419	0.369359074	4.217410995
15922 AGI_HUM1_OLIGO_A_24_P407717	<u> NM_025199 </u>	1.619628829	0.555976632	0.343274102	4.217410995
392 AGI_HUM1_OLIGO_A_23_P107283	<u>HOXB2 homeo box B2 NM_002145 </u>	1.619467664	2.132404706	1.316731883	4.217410995
7006 AGI_HUM1_OLIGO_A_23_P35684	<u>INPP5F inositol polyphosphate-5-phosphatase F NM_014937 </u>	1.618528157	1.221885418	0.754936152	4.217410995
9821 AGI_HUM1_OLIGO_A_23_P65262	<u>LOC88523 CG016 NM_033111 </u>	1.616044665	1.022367756	0.632635829	4.217410995
10711 AGI_HUM1_OLIGO_A_23_P82550	<u>STK17A serine/threonine kinase 17a (apoptosis-inducing) NM_004760 </u>	1.615902979	0.820085237	0.507508958	4.217410995
12599 AGI_HUM1_OLIGO_A_24_P171549	<u>CDCA7 cell division cycle associated 7 AK075134 </u>	1.61525246	0.933807471	0.578118588	4.217410995
21413 AGI_HUM1_OLIGO_A_32_P70519	<u> THC1500518 </u>	1.615194737	1.405599786	0.870235492	4.217410995
14292 AGI_HUM1_OLIGO_A_24_P295543	<u>MGC10120 hypothetical protein MGC10120 NM_173809 </u>	1.614265259	1.341210528	0.830848908	4.217410995
14561 AGI_HUM1_OLIGO_A_24_P313397	<u> I_959101 </u>	1.613370191	0.882036605	0.546704414	4.217410995
11003 AGI_HUM1_OLIGO_A_23_P88680	<u>LOC56851 chromosome 15 hypothetical ATG/GTP binding protein NM_020154 </u>	1.613153498	0.750189575	0.465045376	4.217410995
5951 AGI_HUM1_OLIGO_A_23_P303242	<u>MT1X metallothionein 1X NM_005952 </u>	1.612312757	1.878566044	1.165137493	4.217410995
5879 AGI_HUM1_OLIGO_A_23_P29939	<u>SNCA synuclein, alpha (non A4 component of amyloid precursor) NM_007308 </u>	1.610725986	2.237523904	1.389140006	4.217410995
16553 AGI_HUM1_OLIGO_A_24_P55092	<u>CD109 CD109 antigen (Gov platelet alloantigens) NM_133493 </u>	1.610187441	1.362980493	0.846473186	4.217410995
3316 AGI_HUM1_OLIGO_A_23_P163820	<u>KIAA0326 KIAA0326 protein AB002324 </u>	1.609436676	0.689052273	0.428132578	4.217410995
21678 AGI_HUM1_OLIGO_A_32_P85978	<u>MGC15716 hypothetical protein MGC15716 AK074191 </u>	1.609355743	1.108814375	0.688980283	4.217410995
13703 AGI_HUM1_OLIGO_A_24_P250964	<u>PEA15 phosphoprotein enriched in astrocytes 15 NM_003768 </u>	1.609349314	1.137961356	0.707094069	4.217410995
3252 AGI_HUM1_OLIGO_A_23_P162766	<u>zizimin1 zizimin1 NM_015296 </u>	1.606860331	0.767678689	0.477750726	4.217410995
3064 AGI_HUM1_OLIGO_A_23_P159027	<u>EHZF early hematopoietic zinc finger NM_015461 </u>	1.606538141	2.006311041	1.248841213	4.217410995
16996 AGI_HUM1_OLIGO_A_24_P66838	<u> ENST00000309901 </u>	1.606328041	0.591133391	0.368002908	4.217410995
16984 AGI_HUM1_OLIGO_A_24_P664995	<u> Homo sapiens, clone IMAGE:5288883, mRNA AK055641 </u>	1.606099915	0.82739487	0.515157782	4.217410995
13613 AGI_HUM1_OLIGO_A_24_P245838	<u> I_961690 </u>	1.604859822	1.6562718	1.032035183	4.217410995

16959 AGI_HUM1_OLIGO_A_24_P658584	<u>SASH1 SAM and SH3 domain containing 1 AK023607 </u>	1.604216383	1.342200752	0.836670642	4.217410995
10147 AGI_HUM1_OLIGO_A_23_P71570	<u>OSR2 odd-skipped-related 2A protein NM_053001 </u>	1.603975188	1.044785936	0.651372879	4.217410995
15441 AGI_HUM1_OLIGO_A_24_P374741	<u>FLJ10210 hypothetical protein FLJ10210 AK057828 </u>	1.602890304	1.314453244	0.820051903	4.217410995
1284 AGI_HUM1_OLIGO_A_23_P214934	<u> AF116605 </u>	1.600242576	0.458766532	0.286685618	4.217410995
569 AGI_HUM1_OLIGO_A_23_P110725	<u>PRKAA1 protein kinase, AMP-activated, alpha 1 catalytic subunit NM_006251 </u>	1.59999297	0.545295179	0.340810985	4.217410995
19377 AGI_HUM1_OLIGO_A_32_P154079	<u> A_32_BS154079 </u>	1.599807451	1.364294677	0.8527868	4.217410995
16960 AGI_HUM1_OLIGO_A_24_P65864	<u>NSFL1C NSFL1 (p97) cofactor (p47) BC002801 </u>	1.599328778	0.768767972	0.480681635	4.217410995
7654 AGI_HUM1_OLIGO_A_23_P38816	<u>A1BG alpha-1-B glycoprotein AF414429 </u>	1.599321779	1.166060755	0.729097028	4.217410995
20319 AGI_HUM1_OLIGO_A_32_P217773	<u>JFC1 NADPH oxidase-related, C2 domain-containing protein AK074154 </u>	1.598365054	1.048058327	0.655706482	4.217410995
5612 AGI_HUM1_OLIGO_A_23_P259292	<u>C1QTNF5 C1q and tumor necrosis factor related protein 5 NM_015645 </u>	1.59772039	0.367132029	0.229784906	4.217410995
3887 AGI_HUM1_OLIGO_A_23_P200874	<u>DKFZP434L0117 hypothetical protein DKFZp434L0117 NM_022778 </u>	1.597638913	0.51387536	0.321646747	4.217410995
21551 AGI_HUM1_OLIGO_A_32_P78488	<u> I_1900923 </u>	1.596018794	1.526196644	0.956252301	4.217410995
3348 AGI_HUM1_OLIGO_A_23_P164421	<u>LOC125150 hypothetical protein LOC125150 BC044842 </u>	1.59550089	0.756130947	0.473914463	4.217410995
13337 AGI_HUM1_OLIGO_A_24_P226037	<u>HNRPD heterogeneous nuclear ribonucleoprotein D NM_002138 </u>	1.595200681	0.604865447	0.379178278	4.217410995
3088 AGI_HUM1_OLIGO_A_23_P159544	<u> I_963398 </u>	1.594332285	0.647694615	0.406248196	4.762408051
14941 AGI_HUM1_OLIGO_A_24_P339157	<u>KIAA0174 KIAA0174 gene product NM_014761 </u>	1.593992325	0.503959593	0.316161869	4.762408051
15339 AGI_HUM1_OLIGO_A_24_P367100	<u> ENST00000329768 </u>	1.593345055	1.781994205	1.118398177	4.762408051
11090 AGI_HUM1_OLIGO_A_23_P90357	<u>TBXA2R thromboxane A2 receptor NM_001060 </u>	1.593108742	0.709436183	0.445315605	4.762408051
16928 AGI_HUM1_OLIGO_A_24_P648880	<u>MEIS3 Meis1, myeloid ecotropic viral integration site 1 homolog 3 (mouse) AK054814 </u>	1.592115378	1.582146354	0.993738504	4.762408051
9269 AGI_HUM1_OLIGO_A_23_P5441	<u>ABCB6 ATP-binding cassette, sub-family B (MDR/TAP), member 6 NM_005689 </u>	1.591732721	1.239993732	0.779021324	4.762408051
11015 AGI_HUM1_OLIGO_A_23_P88848	<u>FLJ20399 hypothetical protein FLJ20399 NM_017803 </u>	1.590923484	0.757696231	0.476261894	4.762408051
9062 AGI_HUM1_OLIGO_A_23_P50389	<u>KLP1 K562 cell-derived leucine-zipper-like protein 1 AB038651 </u>	1.590548122	0.701311577	0.440924463	4.762408051
6567 AGI_HUM1_OLIGO_A_23_P33511	<u>TCF15 transcription factor 15 (basic helix-loop-helix) U08336 </u>	1.590418536	0.962787406	0.60536732	4.762408051
2439 AGI_HUM1_OLIGO_A_23_P147277	<u>LOC283989 hypothetical protein LOC283989 BC047793 </u>	1.588858361	0.537446863	0.33825977	4.762408051
1862 AGI_HUM1_OLIGO_A_23_P136232	<u>FLJ20421 hypothetical protein FLJ20421 NM_017813 </u>	1.58836547	0.77143192	0.485676587	4.762408051
14818 AGI_HUM1_OLIGO_A_24_P330971	<u>eIF3k eukaryotic translation initiation factor 3 subunit k NM_013234 </u>	1.587648183	0.557430623	0.351104627	4.762408051
13219 AGI_HUM1_OLIGO_A_24_P216361	<u>PRAME preferentially expressed antigen in melanoma NM_006115 </u>	1.587377726	1.050864431	0.662012837	4.762408051
7751 AGI_HUM1_OLIGO_A_23_P393051	<u>FLJ34633 hypothetical protein FLJ34633 NM_152365 </u>	1.587348488	1.693469633	1.066854347	4.762408051
9212 AGI_HUM1_OLIGO_A_23_P53276	<u>TIMELESS timeless homolog (Drosophila) NM_003920 </u>	1.586225938	0.691239059	0.435775915	4.762408051
15159 AGI_HUM1_OLIGO_A_24_P354715	<u>NT5E 5'-nucleotidase, ecto (CD73) NM_002526 </u>	1.585719209	1.746048282	1.10110811	4.762408051
3820 AGI_HUM1_OLIGO_A_23_P19673	<u>SGK serum/glucocorticoid regulated kinase NM_005627 </u>	1.585279044	2.038241786	1.285730606	4.762408051
8309 AGI_HUM1_OLIGO_A_23_P421175	<u>na hypothetical gene supported by BC033256; BC007264 BC033256 </u>	1.585224819	0.901868219	0.568921334	4.762408051
7103 AGI_HUM1_OLIGO_A_23_P360754	<u>ADAMTS4 a disintegrin-like and metalloprotease NM_005099 </u>	1.583103725	2.383456793	1.505559462	4.762408051
21912 AGI_HUM1_OLIGO_A_32_P99902	<u>MGC29937 hypothetical protein MGC29937 NM_144597 </u>	1.582157328	0.691128971	0.436826957	4.762408051
4603 AGI_HUM1_OLIGO_A_23_P212781	<u> I_957028 </u>	1.580957588	0.737459764	0.466463977	4.762408051
10724 AGI_HUM1_OLIGO_A_23_P82868	<u>PLAT plasminogen activator, tissue NM_000930 </u>	1.579621173	3.184278201	2.015849278	4.762408051
4182 AGI_HUM1_OLIGO_A_23_P205713	<u>STXBP6 syntaxin binding protein 6 (amisyn) AF161505 </u>	1.57845866	1.824761969	1.156040393	4.762408051
4249 AGI_HUM1_OLIGO_A_23_P206707	<u>MT1G metallothionein 1G NM_005950 </u>	1.578332085	1.734815222	1.099144621	4.762408051
6341 AGI_HUM1_OLIGO_A_23_P321703	<u>LOC283687 hypothetical protein LOC283687 AF249277 </u>	1.576435037	1.239740803	0.786420483	4.762408051
3319 AGI_HUM1_OLIGO_A_23_P163858	<u>NIN283 nerve injury gene 283 AL834440 </u>	1.576354613	0.473938798	0.300654938	4.762408051
16018 AGI_HUM1_OLIGO_A_24_P41291	<u> ENST00000315180 </u>	1.576043181	0.461071931	0.292550316	4.762408051
20848 AGI_HUM1_OLIGO_A_32_P377880	<u> Homo sapiens, clone IMAGE:4179986, mRNA, partial cds BC008580 </u>	1.575957926	2.362670315	1.499196315	4.762408051
16382 AGI_HUM1_OLIGO_A_24_P497843	<u> THC1476307 </u>	1.575843411	0.705073925	0.447426388	4.762408051
3382 AGI_HUM1_OLIGO_A_23_P165061	<u>AES amino-terminal enhancer of split AK095154 </u>	1.575157685	0.808515362	0.513291697	4.762408051
1774 AGI_HUM1_OLIGO_A_23_P134426	<u>GPNNB glycoprotein (transmembrane) nmb BC032783 </u>	1.574771516	2.908477399	1.846920248	4.762408051
21778 AGI_HUM1_OLIGO_A_32_P91902	<u> I_932479 </u>	1.573737013	0.924481388	0.587443379	4.762408051
21520 AGI_HUM1_OLIGO_A_32_P76526	<u> A_32_BS76526 </u>	1.573630815	0.691020636	0.439125003	4.762408051
18458 AGI_HUM1_OLIGO_A_24_P943062	<u>KIAA0182 KIAA0182 protein D80004 </u>	1.573563442	0.777112238	0.49385504	4.762408051

1812 AGI_HUM1_OLIGO_A_23_P135123	<u>MGC20553 band 4.1-like protein 4 NM_174938 </u>	1.573351422	0.861202228	0.547368004	4.762408051
8595 AGI_HUM1_OLIGO_A_23_P43549	<u> I_931375 </u>	1.572533231	0.578463365	0.367854462	4.762408051
16796 AGI_HUM1_OLIGO_A_24_P612020	<u>SQSTM1 sequestosome 1 AK096241 </u>	1.571644548	0.38581171	0.245482804	4.762408051
989 AGI_HUM1_OLIGO_A_23_P119254	<u>ASF1B ASF1 anti-silencing function 1 homolog B (S. cerevisiae) NM_018154 </u>	1.570433706	0.362971046	0.231127901	4.762408051
11344 AGI_HUM1_OLIGO_A_23_P95764	<u>PRPS1 phosphoribosyl pyrophosphate synthetase 1 NM_002764 </u>	1.568821517	0.591307199	0.376911709	4.762408051
11922 AGI_HUM1_OLIGO_A_24_P125096	<u>MT1X metallothionein 1X NM_005952 </u>	1.565892331	1.757675589	1.12247538	4.762408051
9612 AGI_HUM1_OLIGO_A_23_P60933	<u> I_1109770 </u>	1.565656602	1.745998016	1.115185804	4.762408051
17119 AGI_HUM1_OLIGO_A_24_P691775	<u> Homo sapiens similar to hypothetical protein DKFZp434F142 mRNA XM_170963 </u>	1.564879013	0.560192156	0.357977934	4.762408051
7220 AGI_HUM1_OLIGO_A_23_P367405	<u>PCBD 6-pyruvoyl-tetrahydropterin synthase NM_000281 </u>	1.564524238	0.798178375	0.510173225	4.762408051
14267 AGI_HUM1_OLIGO_A_24_P292831	<u>FLJ12076 hypothetical protein FLJ12076 NM_025187 </u>	1.564263898	0.512945371	0.327914856	4.762408051
2655 AGI_HUM1_OLIGO_A_23_P151436	<u>ALG5 Alg5, S. cerevisiae, homolog of NM_013338 </u>	1.564215174	0.859314688	0.549358364	4.762408051
4843 AGI_HUM1_OLIGO_A_23_P216996	<u>SH3GLB2 SH3-domain GRB2-like endophilin B2 NM_020145 </u>	1.56391181	0.843685949	0.539471563	4.762408051
11031 AGI_HUM1_OLIGO_A_23_P89073	<u>ZNF23 zinc finger protein 23 (KOX 16) NM_145911 </u>	1.563326303	0.633086855	0.40496143	4.762408051
18172 AGI_HUM1_OLIGO_A_24_P926666	<u> AK000925 </u>	1.561903851	0.428326476	0.274233574	4.762408051
1274 AGI_HUM1_OLIGO_A_23_P124661	<u>A2LP ataxin 2 related protein NM_148414 </u>	1.561244285	0.477378387	0.3057679	4.762408051
1458 AGI_HUM1_OLIGO_A_23_P128587	<u>SAP18 sin3-associated polypeptide, 18kDa AF153608 </u>	1.559416575	0.528177193	0.338701795	4.762408051
9930 AGI_HUM1_OLIGO_A_23_P67391	<u>KPTN kaptin (actin binding protein) NM_007059 </u>	1.559395249	0.477538828	0.306233348	4.762408051
3698 AGI_HUM1_OLIGO_A_23_P17444	<u>C20orf55 chromosome 20 open reading frame 55 BC022238 </u>	1.55850501	0.692305842	0.444211496	4.762408051
20300 AGI_HUM1_OLIGO_A_32_P216369	<u> ENST00000327925 </u>	1.557727895	1.522556933	0.977421626	4.762408051
15317 AGI_HUM1_OLIGO_A_24_P365954	<u>THAP11 THAP domain containing 11 NM_020457 </u>	1.55770122	0.571940862	0.367169811	4.762408051
14526 AGI_HUM1_OLIGO_A_24_P310256	<u>LGI4 leucine-rich repeat LGI family, member 4 NM_139284 </u>	1.556994922	1.104943989	0.709664478	4.762408051
10585 AGI_HUM1_OLIGO_A_23_P79732	<u>RPS27A ribosomal protein S27a NM_002954 </u>	1.556672525	0.346397008	0.222524007	4.762408051
7296 AGI_HUM1_OLIGO_A_23_P371129	<u>KIAA1784 KIAA1784 protein NM_032444 </u>	1.55499554	0.384622733	0.247346518	4.762408051
17468 AGI_HUM1_OLIGO_A_24_P784765	<u> Homo sapiens mRNA: cDNA DKFZp564J0323 (from clone DKFZp564J0323) BC033226 </u>	1.554846919	1.728395056	1.111617507	4.762408051
1404 AGI_HUM1_OLIGO_A_23_P127584	<u>NNMT nicotinamide N-methyltransferase NM_006169 </u>	1.553802137	1.945713441	1.252227291	4.762408051
16141 AGI_HUM1_OLIGO_A_24_P419300	<u>SEC6 Sec 6 (S. cerevisiae) homolog AL117555 </u>	1.55284666	1.164296954	0.749782309	4.762408051
13470 AGI_HUM1_OLIGO_A_24_P235266	<u>GRB10 growth factor receptor-bound protein 10 NM_005311 </u>	1.552493652	1.902815082	1.225650797	4.762408051
5787 AGI_HUM1_OLIGO_A_23_P28307	<u> AL832534 </u>	1.55088277	1.85443548	1.195728984	4.762408051
3421 AGI_HUM1_OLIGO_A_23_P165657	<u>SLC20A1 solute carrier family 20 (phosphate transporter), member 1 L20859 </u>	1.550718383	1.101064778	0.710035291	4.762408051
18775 AGI_HUM1_OLIGO_A_32_P113404	<u> Homo sapiens similarity to protein ref:NP_060265.1 BQ708239 </u>	1.550531831	1.015232749	0.65476421	4.762408051
11032 AGI_HUM1_OLIGO_A_23_P89123	<u>CFDP1 craniofacial development protein 1 NM_006324 </u>	1.550230068	0.773834617	0.499174047	4.762408051
17049 AGI_HUM1_OLIGO_A_24_P677642	<u> Homo sapiens cDNA FLJ31813 fis, clone NT2R12009517. AK056375 </u>	1.549896952	0.514636009	0.332045307	4.762408051
8648 AGI_HUM1_OLIGO_A_23_P44291	<u>CRTAP cartilage associated protein NM_006371 </u>	1.549487578	1.019024936	0.657652859	4.762408051
21198 AGI_HUM1_OLIGO_A_32_P55934	<u> ENST00000312401 </u>	1.549379439	0.419905248	0.271015116	4.762408051
6896 AGI_HUM1_OLIGO_A_23_P352266	<u>BCL2 B-cell CLL/lymphoma 2 NM_000633 </u>	1.54872319	1.373110907	0.886608347	4.762408051
3454 AGI_HUM1_OLIGO_A_23_P166219	<u>GABPA GA binding protein transcription factor, alpha subunit 60kDa NM_002040 </u>	1.548583149	0.593845981	0.383476975	4.762408051
16228 AGI_HUM1_OLIGO_A_24_P46417	<u>STK10 serine/threonine kinase 10 NM_005990 </u>	1.54816519	0.728427776	0.47051037	4.762408051
19964 AGI_HUM1_OLIGO_A_32_P195387	<u>LOC286144 hypothetical protein LOC286144 BC031029 </u>	1.547985568	0.810386066	0.523510091	4.762408051
18123 AGI_HUM1_OLIGO_A_24_P923251	<u> AF311286 </u>	1.547883755	0.914448245	0.590773203	4.762408051
19674 AGI_HUM1_OLIGO_A_32_P174572	<u> THC1525200 </u>	1.547582913	0.838653059	0.541911552	4.762408051
9548 AGI_HUM1_OLIGO_A_23_P59677	<u>FLJ11785 Rad50-interacting protein 1 NM_021930 </u>	1.547278687	0.546385587	0.35312681	4.762408051
12673 AGI_HUM1_OLIGO_A_24_P178444	<u> ENST00000324676 </u>	1.547241925	1.789904842	1.156835794	4.762408051
12136 AGI_HUM1_OLIGO_A_24_P139901	<u>GYPC glycophorin C (Gerbich blood group) NM_002101 </u>	1.547108202	1.151413698	0.74423605	4.762408051
15328 AGI_HUM1_OLIGO_A_24_P366495	<u> ENST00000311040 </u>	1.54700267	0.46067714	0.297786906	4.762408051
17754 AGI_HUM1_OLIGO_A_24_P85539	<u>FN1 fibronectin 1 U42594 </u>	1.546665406	1.259565887	0.81437516	4.762408051
1379 AGI_HUM1_OLIGO_A_23_P127150	<u>TUBGCP2 tubulin, gamma complex associated protein 2 NM_006659 </u>	1.545330004	0.750178401	0.485448674	4.932826902
11601 AGI_HUM1_OLIGO_A_24_P102283	<u> Homo sapiens cDNA FLJ25969 fis, clone CBR02250 AK098835 </u>	1.544350328	1.409025129	0.912374028	4.932826902
19435 AGI_HUM1_OLIGO_A_32_P158302	<u> THC1453654 </u>	1.54361308	0.671502488	0.435019952	4.932826902

21846 AGI_HUM1_OLIGO_A_32_P9575	<u> THC1509290 </u>	1.543192125	0.508982971	0.329824759	4.932826902
18457 AGI_HUM1_OLIGO_A_24_P943040	<u>GNPNAT1 glucosamine-phosphate N-acetyltransferase 1 AK090577 </u>	1.543178462	0.49579056	0.321278823	4.932826902
5172 AGI_HUM1_OLIGO_A_23_P250564	<u>PRKCE protein kinase C, epsilon AL832345 </u>	1.543013488	0.981071307	0.635815121	4.932826902
19521 AGI_HUM1_OLIGO_A_32_P163392	<u> Homo sapiens cDNA: FLJ21331 fis. clone COL02520 BC007358 </u>	1.542993261	0.648216015	0.420102946	4.932826902
6279 AGI_HUM1_OLIGO_A_23_P31921	<u>ASS argininosuccinate synthetase NM_054012 </u>	1.542328531	1.578255823	1.023294188	4.932826902
3694 AGI_HUM1_OLIGO_A_23_P17382	<u>ZNF335 zinc finger protein 335 NM_022095 </u>	1.541461778	0.584562862	0.37922631	4.932826902
13508 AGI_HUM1_OLIGO_A_24_P238186	<u> ENST00000312966 </u>	1.54142692	0.771383897	0.500434945	4.932826902
3311 AGI_HUM1_OLIGO_A_23_P163782	<u>MT1H metallothionein 1H BC008408 </u>	1.540821562	1.484262068	0.963292639	4.932826902
10241 AGI_HUM1_OLIGO_A_23_P73632	<u>NR0B1 nuclear receptor subfamily 0, group B, member 1 NM_000475 </u>	1.540161713	2.073522956	1.346302105	4.932826902
536 AGI_HUM1_OLIGO_A_23_P110167	<u>MGST2 microsomal glutathione S-transferase 2 NM_002413 </u>	1.538546976	1.433196041	0.931525695	4.932826902
14020 AGI_HUM1_OLIGO_A_24_P274795	<u> I_1152224 </u>	1.538430818	0.822601993	0.534701972	4.932826902
16699 AGI_HUM1_OLIGO_A_24_P585004	<u> Homo sapiens cDNA clone IMAGE:5764174, partial cds AW661868 </u>	1.537706377	0.474512784	0.30858478	4.932826902
10938 AGI_HUM1_OLIGO_A_23_P87580	<u>ANP32D acidic (leucine-rich) nuclear phosphoprotein 32 family, member D NM_012404 </u>	1.537193345	0.846811162	0.550881361	4.932826902
9820 AGI_HUM1_OLIGO_A_23_P65254	<u>C13orf12 chromosome 13 open reading frame 12 NM_015932 </u>	1.536389092	0.858655941	0.558879222	4.932826902
12226 AGI_HUM1_OLIGO_A_24_P14584	<u>BACE2 beta-site APP-cleaving enzyme 2 NM_012105 </u>	1.535781869	0.892619909	0.581215293	4.932826902
1698 AGI_HUM1_OLIGO_A_23_P132936	<u>FLJ22649 hypothetical protein FLJ22649 similar to signal peptidase SPC22/23 NM_021928 </u>	1.535449052	0.577587661	0.376168562	4.932826902
14106 AGI_HUM1_OLIGO_A_24_P281304	<u> ENST00000326092 </u>	1.535060161	0.683351876	0.445162928	4.932826902
17556 AGI_HUM1_OLIGO_A_24_P810290	<u>LOC196051 hypothetical protein LOC196051 AK098668 </u>	1.534919871	1.804072451	1.175352854	4.932826902
1991 AGI_HUM1_OLIGO_A_23_P13873	<u>MLF2 myeloid leukemia factor 2 NM_005439 </u>	1.534797921	0.601241983	0.39174016	4.932826902
727 AGI_HUM1_OLIGO_A_23_P114185	<u>TM4SF2 transmembrane 4 superfamily member 2 NM_004615 </u>	1.534780106	1.11698161	0.727779573	4.932826902
4866 AGI_HUM1_OLIGO_A_23_P217319	<u>FGF13 fibroblast growth factor 13 NM_004114 </u>	1.533690592	2.387944662	1.556992443	4.932826902
19404 AGI_HUM1_OLIGO_A_32_P155841	<u> Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 362780 AL079294 </u>	1.533286599	0.813709086	0.530696014	4.932826902
15866 AGI_HUM1_OLIGO_A_24_P402690	<u>TM2C integral membrane protein 2C NM_030926 </u>	1.532582239	0.688153369	0.449015623	4.932826902
17285 AGI_HUM1_OLIGO_A_24_P74070	<u>PARD6G par-6 partitioning defective 6 homolog gamma (C. elegans) NM_032510 </u>	1.53148686	0.857942746	0.560202486	4.932826902
8432 AGI_HUM1_OLIGO_A_23_P427703	<u>MT1L metallothionein 1L X97261 </u>	1.531105563	1.754272423	1.145755371	4.932826902
18568 AGI_HUM1_OLIGO_A_32_P100379	<u> A_32_BS100379 </u>	1.53078385	0.637447612	0.416419086	4.932826902
19070 AGI_HUM1_OLIGO_A_32_P133670	<u> Homo sapiens similar to putative human HLA class II associated protein I; XM_292334 </u>	1.53063484	0.756563659	0.494280961	4.932826902
17831 AGI_HUM1_OLIGO_A_24_P884376	<u> Homo sapiens LOC349074 (LOC349074), mRNA XM_291214 </u>	1.529887887	0.516133251	0.337366715	4.932826902
9744 AGI_HUM1_OLIGO_A_23_P63736	<u>MGC16291 hypothetical protein MGC16291 NM_032770 </u>	1.527289217	1.290382482	0.844884169	4.932826902
8346 AGI_HUM1_OLIGO_A_23_P42257	<u>IER3 immediate early response 3 NM_003897 </u>	1.526872893	1.530986146	1.002693907	4.932826902
2967 AGI_HUM1_OLIGO_A_23_P156970	<u>MEST mesoderm specific transcript homolog (mouse) NM_002402 </u>	1.526767449	1.893182522	1.23999403	4.932826902
14212 AGI_HUM1_OLIGO_A_24_P289504	<u> ENST00000312686 </u>	1.526577608	0.583938482	0.38251477	4.932826902
953 AGI_HUM1_OLIGO_A_23_P118516	<u>FAM18B family with sequence similarity 18, member B BC008430 </u>	1.526290435	0.546184826	0.357851175	4.932826902
4612 AGI_HUM1_OLIGO_A_23_P212968	<u>UGT2B11 UDP glycosyltransferase 2 family, polypeptide B11 NM_001073 </u>	1.526102649	1.362817726	0.893005282	4.932826902
10915 AGI_HUM1_OLIGO_A_23_P87150	<u>LPXN leupaxin NM_004811 </u>	1.524143124	1.693232317	1.110940495	4.932826902
2231 AGI_HUM1_OLIGO_A_23_P143190	<u>MYBL2 v-myb myeloblastosis viral oncogene homolog (avian)-like 2 NM_002466 </u>	1.523522214	0.456072286	0.29935388	4.932826902
2593 AGI_HUM1_OLIGO_A_23_P150365	<u>DKFZP566E144 small fragment nuclease NM_015523 </u>	1.523353919	0.681042687	0.447067933	4.932826902
17018 AGI_HUM1_OLIGO_A_24_P67280	<u>MGC41943 hypothetical protein MGC41943 NM_178561 </u>	1.523023207	0.888699304	0.583510022	4.932826902
12838 AGI_HUM1_OLIGO_A_24_P189533	<u> I_1000236 </u>	1.522199111	0.908950979	0.597130147	4.932826902
12149 AGI_HUM1_OLIGO_A_24_P141332	<u>CAMK2G calcium/calmodulin-dependent protein kinase (CaM kinase) gamma NM_001222 </u>	1.522097064	0.769871105	0.505796328	4.932826902
17649 AGI_HUM1_OLIGO_A_24_P834110	<u> Homo sapiens similar microtubule-assoc pro1A/1B light chain 3 5731, mRNA XM_171547 </u>	1.52205031	0.680097617	0.446829919	4.932826902
8356 AGI_HUM1_OLIGO_A_23_P423074	<u>KIAA0888 KIAA0888 protein AB020695 </u>	1.521345359	1.37312073	0.902570032	4.932826902
14531 AGI_HUM1_OLIGO_A_24_P310864	<u>MGC45441 hypothetical protein MGC45441 NM_152499 </u>	1.52122676	0.660482987	0.434177865	4.932826902
15570 AGI_HUM1_OLIGO_A_24_P383440	<u> ENST00000299596 </u>	1.520768311	0.581444275	0.38233587	4.932826902
14570 AGI_HUM1_OLIGO_A_24_P313804	<u>FLJ20813 hypothetical protein FLJ20813 AK000820 </u>	1.520415646	0.470827662	0.309670361	4.932826902
6131 AGI_HUM1_OLIGO_A_23_P312646	<u>LOC286257 hypothetical protein LOC286257 BC038191 </u>	1.520336689	0.630178306	0.414499177	4.932826902
7225 AGI_HUM1_OLIGO_A_23_P367618	<u>ZIC1 Zic family member 1 (odd-paired homolog, Drosophila) NM_003412 </u>	1.519721009	2.385852881	1.569928209	4.932826902
9895 AGI_HUM1_OLIGO_A_23_P66637	<u>SGCA sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein) NM_000023 </u>	1.519703785	0.459987992	0.302682665	4.932826902

6886 AGI_HUM1_OLIGO_A_23_P351667	<u>ADAM23 a disintegrin and metalloproteinase domain 23 NM_003812 </u>	1.519007155	1.443972636	0.950602919	4.932826902
2363 AGI_HUM1_OLIGO_A_23_P145657	<u>STAG3 stromal antigen 3 NM_012447 </u>	1.518984662	0.937672125	0.617301905	4.932826902
19457 AGI_HUM1_OLIGO_A_32_P159651	<u>PCAF p300/CBP-associated factor AL832173 </u>	1.518274283	1.403411806	0.924346688	4.932826902
3592 AGI_HUM1_OLIGO_A_23_P169112	<u>CPSF1 cleavage and polyadenylation specific factor 1, 160kDa NM_013291 </u>	1.518058403	0.932178073	0.614059427	4.932826902

Shields et al., Supp. Table 4 -- Significant Genes List -- SAM Analysis by pERK

Input Parameters	
Imputation Engine	10-Nearest Neighbor Imputer
Data Type	Two Class, unpaired data
Data in log scale?	TRUE
Number of Permutations	100
Blocked Permutation?	FALSE
RNG Seed	1234567
(Delta, Fold Change)	(0.82508,)
(Upper Cutoff, Lower Cutoff)	(2.72705, -3.21306)
Computed Quantities	
Computed Exchangeability Factor S0	0.060112224
S0 percentile	0
False Significant Number (Median, 90 percentile)	(18.23833, 44.26302)
False Discovery Rate (Median, 90 percentile)	(5.08031, 12.32953)
Pi0Hat	0.70147

289 Positive Significant Genes

Row	Gene Name	Gene ID	Score(d)	Numerator(r)	Denominator(s+s0)	Fold Change	q-value (%)
3463	AGI_HUM1_OLIGO_A_23_P166360	<u>PRAME preferentially expressed antigen in melanoma NM_006115 </u>	4.957965926	4.257916667	0.858803132	5.61569	1.096053352
1812	AGI_HUM1_OLIGO_A_23_P135123	<u>MGC20553 band 4.1-like protein 4 NM_174938 </u>	4.511947373	1.604722222	0.355660669	2.90215	1.096053352
4025	AGI_HUM1_OLIGO_A_23_P203120	<u>IGSF4 immunoglobulin superfamily member 4 AK075502 </u>	4.306317443	3.263472222	0.75783364	5.29092	1.096053352
17847	AGI_HUM1_OLIGO_A_24_P88763	<u>LOXL3 lysyl oxidase-like 3 NM_032603 </u>	4.273779858	3.38125	0.791161481	4.17637	1.096053352
10379	AGI_HUM1_OLIGO_A_23_P7642	<u>SPARC secreted protein, acidic, cysteine-rich (osteonectin) NM_003118 </u>	4.230352459	4.244166667	1.003265498	8.89562	1.096053352
19377	AGI_HUM1_OLIGO_A_32_P154079	<u> A_32_BS154079 </u>	4.214287917	2.145166667	0.509022333	3.48662	1.096053352
20958	AGI_HUM1_OLIGO_A_32_P43050	<u> I_1858130 </u>	4.20511016	1.0475	0.249101679	2.03062	1.096053352
11161	AGI_HUM1_OLIGO_A_23_P91829	<u>ESDN endothelial and smooth muscle cell-derived neuropilin-like protein BC029658 </u>	4.164557448	1.945833333	0.467236521	3.53171	1.096053352
5318	AGI_HUM1_OLIGO_A_23_P253434	<u>FAD104 FAD104 AL157482 </u>	4.158450648	1.164583333	0.280052219	2.26323	1.096053352
14927	AGI_HUM1_OLIGO_A_24_P337796	<u>STK17A serine/threonine kinase 17a (apoptosis-inducing) BC047696 </u>	4.135768655	1.722777778	0.416555645	2.97014	1.096053352
63	AGI_HUM1_OLIGO_A_23_P10127	<u>SFRP1 secreted frizzled-related protein 1 NM_003012 </u>	4.095978072	4.019166667	0.981247115	11.86242	1.096053352
21868	AGI_HUM1_OLIGO_A_32_P97169	<u> THC1453426 </u>	4.079846068	3.934027778	0.964258875	4.49242	1.096053352
14859	AGI_HUM1_OLIGO_A_24_P333052	<u> ENST00000332404 </u>	4.030560297	1.188055556	0.294761886	2.31032	1.096053352
14106	AGI_HUM1_OLIGO_A_24_P281304	<u> ENST00000326092 </u>	4.023232348	1.129861111	0.280834169	2.22995	1.096053352
1404	AGI_HUM1_OLIGO_A_23_P127584	<u>NNMT nicotinamide N-methyltransferase NM_006169 </u>	4.004161937	3.090833333	0.771905178	9.81051	1.096053352
58	AGI_HUM1_OLIGO_A_23_P10121	<u>SFRP1 secreted frizzled-related protein 1 BC036503 </u>	3.961315872	3.378472222	0.852866151	9.09391	1.096053352
4720	AGI_HUM1_OLIGO_A_23_P21485	<u>FLJ20701 hypothetical protein FLJ20701 NM_017933 </u>	3.960286681	1.283458333	0.324082178	2.17533	1.096053352
14806	AGI_HUM1_OLIGO_A_24_P330303	<u>C14orf31 chromosome 14 open reading frame 31 NM_152330 </u>	3.936122694	1.898333333	0.482285102	2.87964	1.096053352
8707	AGI_HUM1_OLIGO_A_23_P4561	<u>SERPINB8 serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8 NM_002640 </u>	3.933995363	1.376111111	0.349799881	2.24780	1.096053352
5868	AGI_HUM1_OLIGO_A_23_P137470	<u>KIAA1389 KIAA1389 protein AK093191 </u>	3.902374981	2.438888889	0.624975534	4.64889	1.096053352
13063	AGI_HUM1_OLIGO_A_24_P204690	<u> ENST00000332467 </u>	3.874280178	1.475833333	0.380930977	2.44238	1.096053352
10960	AGI_HUM1_OLIGO_A_23_P87964	<u>ESD esterase D/formylglutathione hydrolase AF112219 </u>	3.862388789	0.909430556	0.235458056	1.88751	1.096053352
10724	AGI_HUM1_OLIGO_A_23_P29769	<u>TAZ transcriptional co-activator with PDZ-binding motif (TAZ) NM_015472 </u>	3.847442558	1.734583333	0.450840606	2.79187	1.096053352
631	AGI_HUM1_OLIGO_A_23_P111888	<u>CTHRC1 collagen triple helix repeat containing 1 NM_138455 </u>	3.843738793	4.348333333	1.131277011	6.21930	1.096053352
21717	AGI_HUM1_OLIGO_A_32_P87872	<u>IMMP2L IMP2 inner mitochondrial membrane protease-like (S. cerevisiae) NM_032549 </u>	3.840609343	1.176111111	0.306230342	2.26032	1.096053352
10724	AGI_HUM1_OLIGO_A_23_P82868	<u>PLAT plasminogen activator, tissue NM_000930 </u>	3.839779012	4.577638889	1.192162068	11.56520	1.096053352
21752	AGI_HUM1_OLIGO_A_32_P89827	<u> Homo sapiens. Similar to TPTE and PTEN homologous inositol lipid phosphatase, clone IMAGE:4838420. mRNA AL137411 </u>	3.838774264	0.855694444	0.222908248	1.81601	1.096053352
2766	AGI_HUM1_OLIGO_A_23_P153320	<u>ICAM1 intercellular adhesion molecule 1 (CD54), human rhinovirus receptor NM_000201 </u>	3.8376304	2.590555556	0.675040399	4.70428	1.096053352
14795	AGI_HUM1_OLIGO_A_24_P329487	<u>NSE2 breast cancer membrane protein 101 BC033717 </u>	3.807198122	3.4725	0.912088073	8.92381	1.096053352
9820	AGI_HUM1_OLIGO_A_23_P65254	<u>C13orf12 chromosome 13 open reading frame 12 NM_015932 </u>	3.777062416	1.346388889	0.356464559	2.66033	1.096053352
3448	AGI_HUM1_OLIGO_A_23_P166109	<u>FLRT3 fibronectin leucine rich transmembrane protein 3 NM_013281 </u>	3.76471036	3.400902778	0.903363726	9.32013	1.096053352
3527	AGI_HUM1_OLIGO_A_32_P167599	<u>FLJ20152 hypothetical protein FLJ20152 NM_019000 </u>	3.753525815	2.216944444	0.590629865	3.75934	1.096053352
20347	AGI_HUM1_OLIGO_A_32_P219620	<u> THC1463763 </u>	3.752148597	2.502416667	0.666928988	4.41280	1.096053352
10585	AGI_HUM1_OLIGO_A_23_P79732	<u>RPS27A ribosomal protein S27a NM_002954 </u>	3.747810743	0.740416667	0.19755978	1.63454	1.096053352

6517 AGI_HUM1_OLIGO_A_23_P332399	<u>CED-6 PTB domain adaptor protein CED-6 NM_016315 </u>	3.72333555	2.562361111	0.688189683	4.29766	1.096053352
7840 AGI_HUM1_OLIGO_A_23_P39799	<u>LOXL3 lysyl oxidase-like 3 NM_032603 </u>	3.719659146	2.656583333	0.714200745	3.24051	1.096053352
16139 AGI_HUM1_OLIGO_A_24_P419211	<u>MTMR6 myotubularin related protein 6 AF072928 </u>	3.71023049	1.055694444	0.284536081	1.96289	1.096053352
11922 AGI_HUM1_OLIGO_A_24_P125096	<u>MT1X metallothionein 1X NM_005952 </u>	3.702254555	2.5475	0.688094231	4.58243	1.096053352
686 AGI_HUM1_OLIGO_A_23_P113111	<u>AR androgen receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease)</u>	3.701623456	2.140791667	0.578338584	4.33778	1.096053352
10635 AGI_HUM1_OLIGO_A_23_P80759	<u>PVRL3 poliovirus receptor-related 3 BC001336 </u>	3.699786269	2.839583333	0.76749929	3.91203	1.096053352
11781 AGI_HUM1_OLIGO_A_24_P115762	<u>CTSC cathepsin C NM_148170 </u>	3.685051578	1.798055556	0.487932263	2.72718	1.096053352
19005 AGI_HUM1_OLIGO_A_32_P128701	<u>KIAA1350 KIAA1350 protein AF085848 </u>	3.674562101	1.993888889	0.542619456	3.29441	1.096053352
18480 AGI_HUM1_OLIGO_A_24_P944383	<u>TAZ transcriptional co-activator with PDZ-binding motif (TAZ) AL050107 </u>	3.661297927	1.837361111	0.50183327	3.64380	1.096053352
3024 AGI_HUM1_OLIGO_A_23_P157865	<u>TNC tenascin C (hexabrachion) NM_002160 </u>	3.657172654	2.891111111	0.790531753	3.27908	1.096053352
1315 AGI_HUM1_OLIGO_A_23_P125643	<u>ASB9 ankyrin repeat and SOCS box-containing 9 NM_024087 </u>	3.649882595	2.41	0.660295211	3.26744	1.096053352
20889 AGI_HUM1_OLIGO_A_32_P39944	<u> Homo sapiens mRNA; cDNA DKFZp564B182 (from clone DKFZp564B182) AK095791 </u>	3.644079757	2.727916667	0.748588628	7.24355	1.096053352
2032 AGI_HUM1_OLIGO_A_23_P139509	<u>PTX1 PTX1 protein NM_016570 </u>	3.638189323	0.839027778	0.230616854	1.77218	1.096053352
20300 AGI_HUM1_OLIGO_A_32_P216369	<u> ENST00000327925 </u>	3.63679584	2.280416667	0.627040056	4.55538	1.096053352
17228 AGI_HUM1_OLIGO_A_24_P724040	<u> Homo sapiens similar to U2 small nuclear ribonucleoprotein B (LOC352037), mRNA XM_302250 </u>	3.63403757	1.559444444	0.429121718	2.95618	1.096053352
3250 AGI_HUM1_OLIGO_A_23_P162739	<u>TSC22 transforming growth factor beta-stimulated protein TSC-22 X97299 </u>	3.633636787	1.662361111	0.457492372	2.51269	1.096053352
4249 AGI_HUM1_OLIGO_A_23_P206707	<u>MT1G metallothionein 1G NM_005950 </u>	3.614933531	2.592361111	0.717125526	4.69118	1.096053352
14778 AGI_HUM1_OLIGO_A_24_P32836	<u> ENST00000317603 </u>	3.613505152	1.07	0.296111381	2.08120	1.096053352
5180 AGI_HUM1_OLIGO_A_23_P25069	<u>DKFZp434C0631 hypothetical protein DKFZp434C0631 NM_173498 </u>	3.611262168	2.585555556	0.71597005	3.90387	1.096053352
8791 AGI_HUM1_OLIGO_A_23_P4714	<u>MIA melanoma inhibitory activity NM_006533 </u>	3.607345607	3.735555556	1.035541354	3.92820	1.096053352
15208 AGI_HUM1_OLIGO_A_24_P358205	<u> ENST00000319549 </u>	3.604868335	1.154444444	0.320245939	2.25653	1.096053352
1466 AGI_HUM1_OLIGO_A_23_P128698	<u>SPRY2 sproutv homolog 2 (Drosophila) NM_005842 </u>	3.583765426	2.516388889	0.702163392	3.96479	1.096053352
3311 AGI_HUM1_OLIGO_A_23_P163782	<u>MT1H metallothionein 1H BC008408 </u>	3.580791917	2.217083333	0.619160059	3.98842	1.096053352
1931 AGI_HUM1_OLIGO_A_23_P137578	<u>KIAA0483 KIAA0483 protein NM_015176 </u>	3.545651412	0.732916667	0.206708608	1.67837	1.096053352
9612 AGI_HUM1_OLIGO_A_23_P60933	<u> 1109770 </u>	3.54404103	2.431944444	0.686206628	4.02767	1.096053352
21703 AGI_HUM1_OLIGO_A_32_P87013	<u>IL8 interleukin 8 NM_000584 </u>	3.53835537	3.854722222	1.089410706	16.63483	1.096053352
21856 AGI_HUM1_OLIGO_A_32_P96641	<u> 1152496 </u>	3.534419508	1.063888889	0.301008097	2.02845	1.096053352
10139 AGI_HUM1_OLIGO_A_23_P7144	<u>CXCL1 chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) NM_001511 </u>	3.5283626	4.416805556	1.251800355	61.85104	1.096053352
17898 AGI_HUM1_OLIGO_A_24_P90005	<u>COL13A1 collagen, type XIII, alpha 1 NM_005203 </u>	3.527624722	2.333333333	0.66144602	7.71020	1.096053352
1993 AGI_HUM1_OLIGO_A_23_P138796	<u>AMOTL1 angiomin like 1 BC037539 </u>	3.525115766	1.7025	0.482962862	2.87663	1.096053352
13667 AGI_HUM1_OLIGO_A_24_P24790	<u> ENST00000330635 </u>	3.511623929	1.049166667	0.298769654	2.08668	1.612584242
1862 AGI_HUM1_OLIGO_A_23_P136232	<u>FLJ20421 hypothetical protein FLJ20421 NM_017813 </u>	3.508260703	1.080416667	0.30796362	1.95523	1.612584242
11352 AGI_HUM1_OLIGO_A_23_P95930	<u>HMG2 high mobility group AT-hook 2 NM_003483 </u>	3.50095238	3.031111111	0.865796155	3.96533	1.612584242
5951 AGI_HUM1_OLIGO_A_23_P303242	<u>MT1X metallothionein 1X NM_005952 </u>	3.486996235	2.609583333	0.748375724	4.27449	1.612584242
16075 AGI_HUM1_OLIGO_A_24_P41629	<u> ENST00000327274 </u>	3.485885774	1.269027778	0.364047436	2.43300	1.612584242
1705 AGI_HUM1_OLIGO_A_23_P1331	<u>COL13A1 collagen, type XIII, alpha 1 NM_005203 </u>	3.485048363	3.034166667	0.870623977	17.93962	1.612584242
8432 AGI_HUM1_OLIGO_A_23_P427703	<u>MT1L metallothionein 1L X97261 </u>	3.461669158	2.43875	0.704501178	3.94870	1.612584242
10398 AGI_HUM1_OLIGO_A_23_P76731	<u>RAGE renal tumor antigen NM_014226 </u>	3.456737175	1.826944444	0.528517024	3.22963	1.612584242
7872 AGI_HUM1_OLIGO_A_23_P399255	<u>MGC33993 hypothetical protein MGC33993 NM_152737 </u>	3.443160321	2.929861111	0.850922071	3.33429	1.612584242
9207 AGI_HUM1_OLIGO_A_23_P53193	<u>SYTL2 synaptotagmin-like 2 NM_032943 </u>	3.441179846	2.321666667	0.674671703	4.30009	1.612584242
19842 AGI_HUM1_OLIGO_A_32_P186865	<u> THC1510047 </u>	3.439411384	1.276833333	0.371236003	2.55172	1.612584242
16598 AGI_HUM1_OLIGO_A_24_P56388	<u>HIF1A hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) NM_001530 </u>	3.439046223	1.4775	0.429624932	2.63847	1.612584242
8153 AGI_HUM1_OLIGO_A_23_P413641	<u>PREX1 phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1 NM_020820 </u>	3.418048635	2.514722222	0.735718678	3.24046	1.612584242
21197 AGI_HUM1_OLIGO_A_32_P55860	<u>LOC348235 hypothetical protein LOC348235 NM_182620 </u>	3.416559918	0.920138889	0.269317358	1.88979	1.612584242
13356 AGI_HUM1_OLIGO_A_24_P227230	<u>IGSF4 immunoglobulin superfamily, member 4 NM_014333 </u>	3.412882249	2.375138889	0.695933442	3.54328	1.612584242
14838 AGI_HUM1_OLIGO_A_24_P332461	<u> ENST00000319826 </u>	3.411853448	1.113333333	0.326313351	2.08661	1.612584242
16094 AGI_HUM1_OLIGO_A_24_P417526	<u> ENST00000278882 </u>	3.399861137	1.235972222	0.363536089	2.60369	1.612584242
9095 AGI_HUM1_OLIGO_A_23_P50919	<u>SERPINE2 serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 NM_006216</u>	3.392874731	2.858333333	0.842451773	4.34948	1.612584242
11671 AGI_HUM1_OLIGO_A_24_P107859	<u>SPRED1 sprouty-related, EVH1 domain containing 1 NM_152594 </u>	3.39182617	1.391666667	0.410300115	2.27545	1.612584242
20797 AGI_HUM1_OLIGO_A_32_P34920	<u>FOXD1 forkhead box D1 NM_004472 </u>	3.390534301	2.1	0.619371407	2.75703	1.612584242
17916 AGI_HUM1_OLIGO_A_24_P904845	<u> Homo sapiens mRNA; cDNA DKFZp564B182 (from clone DKFZp564B182) AK021804 </u>	3.383496379	2.057222222	0.608016676	4.88659	1.612584242
9950 AGI_HUM1_OLIGO_A_23_P67829	<u>UXS1 UDP-glucuronate decarboxylase 1 NM_025076 </u>	3.379407538	0.966388889	0.285963998	2.01109	1.612584242
8348 AGI_HUM1_OLIGO_A_23_P422724	<u>PPIC peptidylprolyl isomerase C (cyclophilin C) NM_000943 </u>	3.376961495	1.59375	0.471947934	2.54556	1.612584242
15254 AGI_HUM1_OLIGO_A_24_P361896	<u>MT2A metallothionein 2A NM_005953 </u>	3.353930357	2.140694444	0.638264429	3.03717	2.211855413
7484 AGI_HUM1_OLIGO_A_23_P379789	<u>SIAT8E sialyltransferase 8E (alpha-2, 8-polysialyltransferase) NM_013305 </u>	3.34950594	2.155138889	0.643419933	6.79280	2.211855413
7486 AGI_HUM1_OLIGO_A_23_P37983	<u>MT1B metallothionein 1B (functional) NM_005947 </u>	3.348721881	2.309027778	0.689525096	3.91141	2.211855413

20736	AGI_HUM1_OLIGO_A_32_P3214	<u> THC1599275 </u>	3.34746789	1.72125	0.514194626	2.81889	2.211855413
1542	AGI_HUM1_OLIGO_A_23_P130089	<u>LOC90410 intraflagellar transport protein IFT20 NM_174887 </u>	3.334496976	0.927638889	0.278194551	1.94549	2.211855413
13219	AGI_HUM1_OLIGO_A_24_P216361	<u>PRAME preferentially expressed antigen in melanoma NM_006115 </u>	3.325559949	1.662638889	0.499957575	2.62952	2.211855413
13985	AGI_HUM1_OLIGO_A_24_P272653	<u> ENST00000323046 </u>	3.317480143	1.280972222	0.386128075	2.65872	2.211855413
11078	AGI_HUM1_OLIGO_A_23_P90143	<u>RPL13A ribosomal protein L13a NM_012423 </u>	3.306702815	0.647222222	0.195730387	1.59283	2.211855413
1965	AGI_HUM1_OLIGO_A_23_P138308	<u>CD58 CD58 antigen, (lymphocyte function-associated antigen 3) NM_001779 </u>	3.304043209	1.241944444	0.37588626	2.41243	2.211855413
20103	AGI_HUM1_OLIGO_A_32_P20367	<u> I_1983267 </u>	3.302898264	0.712916667	0.215845784	1.64472	2.211855413
5452	AGI_HUM1_OLIGO_A_23_P256334	<u>ITGA1 integrin, alpha 1 X68742 </u>	3.291537749	2.394833333	0.727572799	8.78396	2.211855413
8170	AGI_HUM1_OLIGO_A_23_P414343	<u>MT1J metallothionein 1J NM_175622 </u>	3.289229608	2.533333333	0.770190481	3.95187	2.211855413
12898	AGI_HUM1_OLIGO_A_24_P194260	<u> I_961813 </u>	3.287063618	1.587916667	0.483080601	3.54773	2.211855413
20849	AGI_HUM1_OLIGO_A_32_P3783	<u> THC1441226 </u>	3.285460425	2.3675	0.720599153	3.42801	2.211855413
19954	AGI_HUM1_OLIGO_A_32_P194821	<u> ENST00000277685 </u>	3.276643989	0.951805556	0.290481834	1.97411	2.211855413
8738	AGI_HUM1_OLIGO_A_23_P46141	<u>CTSS cathepsin S BC002642 </u>	3.273537977	1.575	0.481130817	2.48415	2.211855413
8290	AGI_HUM1_OLIGO_A_23_P42036	<u>DJ122O8.2 hypothetical protein dJ122O8.2 NM_020466 </u>	3.273286179	0.87625	0.267697339	1.87799	2.211855413
12380	AGI_HUM1_OLIGO_A_24_P15765	<u> ENST00000319953 </u>	3.263016058	0.658333333	0.201756081	1.60442	2.211855413
65	AGI_HUM1_OLIGO_A_23_P101281	<u>FLJ20813 hypothetical protein FLJ20813 AK000820 </u>	3.261952418	0.797777778	0.244570636	1.77768	2.211855413
8681	AGI_HUM1_OLIGO_A_23_P45099	<u>HLA-DRB3 major histocompatibility complex, class II, DR beta 3 NM_002125 </u>	3.251809504	3.312125	1.018548287	9.63967	2.211855413
4977	AGI_HUM1_OLIGO_A_23_P218918	<u>FGF2 fibroblast growth factor 2 (basic) NM_002006 </u>	3.250630731	1.676666667	0.515797335	3.48514	2.211855413
11371	AGI_HUM1_OLIGO_A_23_P96383	<u>SRPX sushi-repeat-containing protein, X-linked NM_006307 </u>	3.246459806	3.581388889	1.103167482	2.85144	2.211855413
21819	AGI_HUM1_OLIGO_A_32_P94199	<u> THC1598149 </u>	3.241760895	1.430416667	0.441246814	2.31200	2.211855413
6643	AGI_HUM1_OLIGO_A_23_P339633	<u>FLJ38348 hypothetical protein FLJ38348 NM_174931 </u>	3.236992952	1.202777778	0.371572566	2.20554	2.211855413
6113	AGI_HUM1_OLIGO_A_23_P311732	<u>GNG12 guanine nucleotide binding protein (G protein), gamma 12 NM_018841 </u>	3.231619474	1.559861111	0.482687124	2.30467	2.963975262
4197	AGI_HUM1_OLIGO_A_23_P205959	<u>ALDH1A3 aldehyde dehydrogenase 1 family, member A3 NM_000693 </u>	3.228145147	3.557083333	1.101896963	7.52263	2.963975262
4635	AGI_HUM1_OLIGO_A_23_P213375	<u>PCDH2B protocadherin beta 2 NM_018936 </u>	3.214580809	2.300138889	0.715533074	7.14514	2.963975262
19204	AGI_HUM1_OLIGO_A_32_P142818	<u>DLX1 distal-less homeo box 1 NM_178120 </u>	3.20696846	1.876388889	0.585097394	2.49430	2.963975262
4251	AGI_HUM1_OLIGO_A_23_P206724	<u>MT2A metallothionein 2A NM_175617 </u>	3.206554564	2.463333333	0.768218125	3.86950	2.963975262
3421	AGI_HUM1_OLIGO_A_23_P165657	<u>SLC20A1 solute carrier family 20 (phosphate transporter), member 1 L20859 </u>	3.193930417	1.508611111	0.472336875	2.91079	2.963975262
2993	AGI_HUM1_OLIGO_A_23_P157371	<u>FAM3C family with sequence similarity 3, member C D87120 </u>	3.192880669	1.561388889	0.489021999	3.55775	2.963975262
9834	AGI_HUM1_OLIGO_A_23_P65518	<u>DACT1 dapper homolog 1, antagonist of beta-catenin (Xenopus) AF251079 </u>	3.192616361	2.392875	0.749502831	5.45738	2.963975262
8472	AGI_HUM1_OLIGO_A_23_P42975	<u>PRKAR2B protein kinase, cAMP-dependent, regulatory, type II, beta NM_002736 </u>	3.186422708	2.609722222	0.819013188	3.83210	2.963975262
13815	AGI_HUM1_OLIGO_A_24_P257348	<u>JWA cytoskeleton related vitamin A responsive protein NM_006407 </u>	3.178201664	1.29	0.405889914	2.16892	2.963975262
20398	AGI_HUM1_OLIGO_A_32_P222060	<u> THC1585684 </u>	3.159369277	1.700694444	0.538301887	4.05463	2.963975262
14340	AGI_HUM1_OLIGO_A_24_P298616	<u> ENST00000328986 </u>	3.149885111	0.728333333	0.231225365	1.63373	2.963975262
9936	AGI_HUM1_OLIGO_A_23_P67529	<u>KCN44 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 NM_002250 </u>	3.133144682	2.338194444	0.746277201	2.93470	2.963975262
7952	AGI_HUM1_OLIGO_A_23_P40307	<u>SNRPB2 small nuclear ribonucleoprotein polypeptide B" NM_003092 </u>	3.131996308	1.704722222	0.544292539	3.19590	2.963975262
1465	AGI_HUM1_OLIGO_A_23_P128663	<u>SACS spastic ataxia of Charlevoix-Saguenay (sacsin) AB018273 </u>	3.131520736	1.632638889	0.521356563	2.46011	2.963975262
15529	AGI_HUM1_OLIGO_A_24_P380734	<u>SDC2 syndecan 2 (heparan sulfate proteoglycan 1, cell surface-associated, fibroglycan) AK025488 </u>	3.123810532	2.682361111	0.858682396	6.71096	2.963975262
19800	AGI_HUM1_OLIGO_A_32_P184464	<u>ROPN1 ropporin, rhophilin associated protein 1 NM_017578 </u>	3.117661434	2.800138889	0.898153616	4.02078	2.963975262
20091	AGI_HUM1_OLIGO_A_32_P203154	<u> I_1945762 </u>	3.11366514	0.974027778	0.312823548	2.04735	2.963975262
8293	AGI_HUM1_OLIGO_A_23_P42042	<u>DJ122O8.2 hypothetical protein dJ122O8.2 NM_020466 </u>	3.11363487	1.003055556	0.322149384	1.90800	2.963975262
17480	AGI_HUM1_OLIGO_A_24_P787947	<u> THC1598259 </u>	3.10674637	1.816583333	0.584722123	4.05992	2.963975262
5921	AGI_HUM1_OLIGO_A_23_P301855	<u>L5AMP limbic system-associated membrane protein NM_002338 </u>	3.101171809	1.726166667	0.556617554	3.19693	2.963975262
8321	AGI_HUM1_OLIGO_A_23_P421513	<u>LOC220594 TL132 protein NM_145809 </u>	3.100550802	1.053194444	0.33967979	1.92804	2.963975262
11102	AGI_HUM1_OLIGO_A_23_P9056	<u>RB1CC1 RB1-inducible coiled-coil 1 NM_014781 </u>	3.098817218	0.991111111	0.319835292	1.84997	2.963975262
2519	AGI_HUM1_OLIGO_A_23_P148959	<u>BBP beta-amyloid binding protein precursor NM_032027 </u>	3.098696386	0.713055556	0.230114689	1.63889	2.963975262
10711	AGI_HUM1_OLIGO_A_23_P82550	<u>STK17A serine/threonine kinase 17a (apoptosis-inducing) NM_004760 </u>	3.09859942	1.075	0.346930937	2.15357	2.963975262
19146	AGI_HUM1_OLIGO_A_32_P138432	<u> THC1593841 </u>	3.091416104	1.579625	0.510971331	2.51461	2.963975262
7688	AGI_HUM1_OLIGO_A_23_P389987	<u>TLX2 T-cell leukemia, homeobox 2 NM_016170 </u>	3.089329334	1.694666667	0.548554875	4.62683	2.963975262
377	AGI_HUM1_OLIGO_A_23_P106922	<u>CHST6 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 NM_021615 </u>	3.086507096	1.841944444	0.596773112	2.54648	2.963975262
7366	AGI_HUM1_OLIGO_A_23_P374082	<u>ADAM19 a disintegrin and metalloproteinase domain 19 (meltrin beta) NM_033274 </u>	3.085640029	1.681666667	0.544997683	2.38207	2.963975262
7269	AGI_HUM1_OLIGO_A_23_P369899	<u>RIS1 Ras-induced senescence 1 NM_015444 </u>	3.08350423	2.152361111	0.698024374	3.69051	2.963975262
13501	AGI_HUM1_OLIGO_A_24_P237820	<u> ENST00000272274 </u>	3.080596708	1.078333333	0.35004041	2.06754	2.963975262
20357	AGI_HUM1_OLIGO_A_32_P220127	<u> I_1902302 </u>	3.070857015	0.882222222	0.287288603	1.90520	3.646276498
15974	AGI_HUM1_OLIGO_A_24_P410070	<u> ENST00000331267 </u>	3.070569869	1.044722222	0.340237242	1.98272	3.646276498
2484	AGI_HUM1_OLIGO_A_23_P148345	<u>RNF128 ring finger protein 128 NM_024539 </u>	3.065889265	2.558333333	0.834450664	3.55807	3.646276498
7006	AGI_HUM1_OLIGO_A_23_P35684	<u>INPP5F inositol polyphosphate-5-phosphatase F NM_014937 </u>	3.060829901	1.51375	0.494555414	2.69585	3.646276498

16645 AGI_HUM1_OLIGO_A_24_P573834	<u> THC1596481 </u>	3.060235598	0.544416667	0.177900246	1.47329	3.646276498
21640 AGI_HUM1_OLIGO_A_32_P83845	<u>HEY1 hairy/enhancer-of-split related with YRPW motif 1 NM_012258 </u>	3.051958989	2.427083333	0.795254242	4.37596	3.646276498
18527 AGI_HUM1_OLIGO_A_24_P97526	<u>CKLFSF6 chemokine-like factor super family 6 NM_017801 </u>	3.043216842	0.89625	0.294507439	1.92934	3.646276498
7922 AGI_HUM1_OLIGO_A_23_P401547	<u>PVRL3 poliovirus receptor-related 3 NM_015480 </u>	3.038878068	2.333472222	0.767872935	2.96047	3.646276498
16437 AGI_HUM1_OLIGO_A_24_P51061	<u>ESDN endothelial and smooth muscle cell-derived neuropilin-like protein BC007117 </u>	3.03486911	1.679166667	0.553291297	2.89616	3.646276498
14426 AGI_HUM1_OLIGO_A_24_P305067	<u>HOXB4 homeo box B4 NM_024015 </u>	3.034662216	1.972625	0.65003116	5.22007	3.646276498
7240 AGI_HUM1_OLIGO_A_23_P368259	<u>FLJ38944 hypothetical protein FLJ38944 NM_152361 </u>	3.027103689	1.014583333	0.335166363	2.00634	3.646276498
21323 AGI_HUM1_OLIGO_A_32_P64928	<u> ENST00000323046 </u>	3.022392798	1.177222222	0.389500075	2.47765	3.646276498
15861 AGI_HUM1_OLIGO_A_24_P402222	<u>HLA-DRB3 major histocompatibility complex, class II, DR beta 3 NM_022555 </u>	3.010466394	2.377541667	0.789758581	7.88191	3.646276498
9595 AGI_HUM1_OLIGO_A_23_P60499	<u>DKFZP762N2316 hypothetical protein DKFZp762N2316 BC036884 </u>	3.009975544	2.288194444	0.760203667	2.95029	3.646276498
15018 AGI_HUM1_OLIGO_A_24_P343233	<u>HLA-DRB3 major histocompatibility complex, class II, DR beta 3 NM_002124 </u>	3.00603557	2.027222222	0.674383977	6.14205	3.646276498
8174 AGI_HUM1_OLIGO_A_23_P41455	<u>TRPC3 transient receptor potential cation channel, subfamily C, member 3 NM_003305 </u>	3.005840527	0.486041667	0.161699086	1.41321	3.646276498
10504 AGI_HUM1_OLIGO_A_23_P78342	<u>LMAN1 lectin, mannose-binding, 1 NM_005570 </u>	3.002966357	1.410972222	0.469859484	2.44936	3.646276498
11960 AGI_HUM1_OLIGO_A_24_P127181	<u> ENST00000325703 </u>	3.001900585	0.576666667	0.192100521	1.48708	3.646276498
5273 AGI_HUM1_OLIGO_A_23_P252413	<u>MT2A metallothionein 2A BC007034 </u>	3.000298011	2.040416667	0.680071333	2.78774	3.646276498
21816 AGI_HUM1_OLIGO_A_32_P94087	<u> Homo sapiens cDNA clone MGC:71781 IMAGE:5287560, complete cds BG707861 </u>	2.995723669	1.068472222	0.356665814	2.04594	3.646276498
9328 AGI_HUM1_OLIGO_A_23_P55515	<u>RNMT RNA (guanine-7-) methyltransferase BC017816 </u>	2.99214084	0.859708333	0.287322148	1.87522	3.646276498
16942 AGI_HUM1_OLIGO_A_24_P652609	<u>CASPR3 cell recognition molecule CASPR3 AK054645 </u>	2.990018416	1.409222222	0.471308877	3.00036	3.646276498
15563 AGI_HUM1_OLIGO_A_24_P38276	<u>FZD1 frizzled homolog 1 (Drosophila) NM_003505 </u>	2.98979437	1.928611111	0.645064801	3.55715	3.646276498
1096 AGI_HUM1_OLIGO_A_23_P121064	<u>PTX3 pentaxin-related gene, rapidly induced by IL-1 beta NM_002852 </u>	2.984631963	2.343888889	0.785319235	6.74885	3.646276498
7641 AGI_HUM1_OLIGO_A_23_P38732	<u>CDH2 cadherin 2, type 1, N-cadherin (neuronal) NM_001792 </u>	2.977721069	2.324583333	0.780658524	4.52197	3.646276498
6666 AGI_HUM1_OLIGO_A_23_P340909	<u>C13orf3 chromosome 13 open reading frame 3 NM_145061 </u>	2.973565753	0.950138889	0.319528461	1.83291	3.646276498
370 AGI_HUM1_OLIGO_A_23_P106844	<u>MT2A metallothionein 2A NM_005953 </u>	2.971150762	1.870555556	0.62957275	2.36866	3.646276498
12386 AGI_HUM1_OLIGO_A_24_P158065	<u>MGC40405 hypothetical protein MGC40405 NM_152789 </u>	2.969818901	1.194166667	0.402100837	1.96036	3.646276498
14633 AGI_HUM1_OLIGO_A_24_P318656	<u>ITGB3 integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61) M35999 </u>	2.966741234	2.450875	0.826116876	3.04785	3.646276498
20376 AGI_HUM1_OLIGO_A_32_P220897	<u> THC1572972 </u>	2.965541434	0.607930556	0.204998166	1.51329	3.646276498
5905 AGI_HUM1_OLIGO_A_23_P301079	<u>LOC348235 hypothetical protein LOC348235 NM_182620 </u>	2.964630794	1.008611111	0.340214746	1.97541	3.646276498
8825 AGI_HUM1_OLIGO_A_23_P47867	<u>PPFIBP1 PTPRF interacting protein, binding protein 1 (liprin beta 1) AF034802 </u>	2.962263274	1.376166667	0.464565955	2.61908	3.646276498
6677 AGI_HUM1_OLIGO_A_23_P341418	<u>FLJ25952 hypothetical protein FLJ25952 NM_153251 </u>	2.959963532	1.0575	0.357267915	2.34596	3.646276498
2137 AGI_HUM1_OLIGO_A_23_P141549	<u>RPS7 ribosomal protein S7 NM_001011 </u>	2.958346205	0.671388889	0.226947369	1.57157	3.646276498
21519 AGI_HUM1_OLIGO_A_32_P76441	<u> 1959765 </u>	2.957419417	0.877222222	0.296617455	1.74799	3.646276498
19154 AGI_HUM1_OLIGO_A_32_P139123	<u> Homo sapiens transcribed sequences BO229382 </u>	2.951056248	1.612416667	0.546386287	2.63999	4.402557398
8832 AGI_HUM1_OLIGO_A_23_P47991	<u>KIAA1025 KIAA1025 protein AB028948 </u>	2.949634052	0.829861111	0.281343752	1.75899	4.402557398
18065 AGI_HUM1_OLIGO_A_24_P920016	<u>LOC285550 hypothetical protein LOC285550 BC017971 </u>	2.942368331	1.029333333	0.34983157	1.98288	4.402557398
17510 AGI_HUM1_OLIGO_A_24_P79529	<u> Homo sapiens cDNA clone MGC:15247 IMAGE:2819959, complete cds BC007228 </u>	2.938267465	2.544305556	0.865920338	3.59130	4.402557398
21486 AGI_HUM1_OLIGO_A_32_P74942	<u> A_32_BS74942 </u>	2.935888694	1.103916667	0.37600767	2.34039	4.402557398
7655 AGI_HUM1_OLIGO_A_23_P388190	<u>C20orf158 chromosome 20 open reading frame 158 NM_152302 </u>	2.931486163	0.661388889	0.225615559	1.57604	4.402557398
8375 AGI_HUM1_OLIGO_A_23_P424080	<u>MGC11061 hypothetical protein MGC11061 NM_032312 </u>	2.926922691	0.822638889	0.281059316	1.78577	4.402557398
13715 AGI_HUM1_OLIGO_A_24_P251962	<u>PCDH3 protocadherin beta 3 NM_018937 </u>	2.924679558	1.966152778	0.672262632	5.34438	4.402557398
1060 AGI_HUM1_OLIGO_A_23_P120472	<u>TFAP2C transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma) NM_003222 </u>	2.922428636	1.242916667	0.425302658	2.40431	4.402557398
19638 AGI_HUM1_OLIGO_A_32_P171571	<u>LOC147343 hypothetical protein LOC147343 AK090499 </u>	2.922096619	1.931861111	0.661121572	7.49358	4.402557398
10047 AGI_HUM1_OLIGO_A_23_P69868	<u>SERF1A small EDRK-rich factor 1A (telomeric) NM_022978 </u>	2.922038378	0.674305556	0.230765469	1.63279	4.402557398
17241 AGI_HUM1_OLIGO_A_24_P727884	<u>G2 G2 protein U10991 </u>	2.916923015	2.39125	0.819785091	3.01150	4.402557398
9120 AGI_HUM1_OLIGO_A_23_P51397	<u>ENAH enabled homolog (Drosophila) AK096246 </u>	2.914393494	1.460833333	0.501247802	2.71124	4.402557398
2614 AGI_HUM1_OLIGO_A_23_P150789	<u>SPUVE protease, serine, 23 NM_007173 </u>	2.91261917	2.400555556	0.82419136	10.72359	4.402557398
4789 AGI_HUM1_OLIGO_A_23_P216023	<u>ANGPT1 angiotensin 1 NM_001146 </u>	2.897888181	1.575833333	0.543786798	2.32816	4.402557398
10778 AGI_HUM1_OLIGO_A_23_P84018	<u>PPIC peptidylprolyl isomerase C (cyclophilin C) NM_000943 </u>	2.896398143	1.545972222	0.533756806	2.40400	4.402557398
20498 AGI_HUM1_OLIGO_A_32_P228618	<u>RBMS3 RNA binding motif, single stranded interacting protein AK097311 </u>	2.895870635	2.703333333	0.933513155	8.20854	4.402557398
4576 AGI_HUM1_OLIGO_A_23_P212354	<u>CCR2 chemokine (C-C motif) receptor 2 NM_000647 </u>	2.895175701	0.830847222	0.286976442	1.70877	4.402557398
11627 AGI_HUM1_OLIGO_A_24_P104407	<u>DMN desmulin NM_145728 </u>	2.893961032	2.661111111	0.919539372	6.24719	4.402557398
16616 AGI_HUM1_OLIGO_A_24_P567298	<u> THC1440768 </u>	2.885783154	2.683611111	0.929942053	3.41235	4.402557398
7235 AGI_HUM1_OLIGO_A_23_P368145	<u>FLJ11752 hypothetical protein FLJ11752 NM_152281 </u>	2.885505202	1.030833333	0.357245356	1.85799	4.402557398
17049 AGI_HUM1_OLIGO_A_24_P677642	<u> Homo sapiens cDNA FLJ331813 fis, clone NT2R12009517. AK056375 </u>	2.883323677	0.706430556	0.245005638	1.62247	4.402557398
8751 AGI_HUM1_OLIGO_A_23_P46369	<u>RAB13 RAB13, member RAS oncogene family NM_002870 </u>	2.88266358	0.972916667	0.337506143	1.98191	4.402557398
15814 AGI_HUM1_OLIGO_A_24_P399980	<u>HEPH hephaestin NM_014799 </u>	2.879271367	0.758055556	0.263280344	1.66185	4.402557398
1119 AGI_HUM1_OLIGO_A_23_P121480	<u>MOX2 antigen identified by monoclonal antibody MRC OX-2 BC022522 </u>	2.878952344	2.189166667	0.760403927	2.84687	4.402557398

3668 AGI_HUM1_OLIGO_A_23_P171237	<u>ACRC acidic repeat containing NM_052957 </u>	2.878764002	1.056125	0.366867517	2.06060	4.402557398
10119 AGI_HUM1_OLIGO_A_23_P71067	<u>TWIST1 twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila) NM_000474 </u>	2.875544028	1.006527778	0.350030383	1.79925	4.402557398
13674 AGI_HUM1_OLIGO_A_24_P248185	<u>DKFZp547D2210 hypothetical protein DKFZp547D2210 NM_153685 </u>	2.874505976	1.184027778	0.411906528	2.25842	4.402557398
140 AGI_HUM1_OLIGO_A_23_P102542	<u>FLJ20080 hypothetical protein FLJ20080 NM_017657 </u>	2.872559603	0.670833333	0.233531563	1.59896	5.080314145
11880 AGI_HUM1_OLIGO_A_24_P122137	<u>LIF leukemia inhibitory factor (cholinergic differentiation factor) NM_002309 </u>	2.870013458	1.546291667	0.538775058	2.62257	5.080314145
12150 AGI_HUM1_OLIGO_A_24_P141481	<u>CD59 CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, E316, E330, EL32 and G344) M95708 </u>	2.868139645	1.559583333	0.543761297	2.45615	5.080314145
10762 AGI_HUM1_OLIGO_A_23_P83579	<u>ARNT2 aryl-hydrocarbon receptor nuclear translocator 2 NM_014862 </u>	2.866639604	1.768194444	0.616817839	1.87937	5.080314145
13695 AGI_HUM1_OLIGO_A_24_P250535	<u>DJ971N18.2 hypothetical protein DJ971N18.2 AK075404 </u>	2.866071972	1.458611111	0.508923406	3.14769	5.080314145
21477 AGI_HUM1_OLIGO_A_32_P142849	<u>ARHE ras homolog gene family, member E NM_005168 </u>	2.862691712	1.997777778	0.697866896	2.46557	5.080314145
9442 AGI_HUM1_OLIGO_A_23_P57760	<u>FLJ23751 hypothetical protein FLJ23751 NM_152282 </u>	2.855612664	1.521805556	0.532917358	3.25004	5.080314145
20848 AGI_HUM1_OLIGO_A_32_P377880	<u> Homo sapiens, clone IMAGE:4179986, mRNA, partial cds BC008580 </u>	2.855373032	2.775458333	0.972012519	7.24314	5.080314145
17576 AGI_HUM1_OLIGO_A_24_P816844	<u> THC1422362 </u>	2.853860423	1.496388889	0.524338498	2.63107	5.080314145
10138 AGI_HUM1_OLIGO_A_23_P71433	<u>FLJ11011 hypothetical protein FLJ11011 NM_018299 </u>	2.848873699	0.769861111	0.2702335	1.68147	5.080314145
6844 AGI_HUM1_OLIGO_A_23_P349817	<u>GTF2F2 general transcription factor IIF, polypeptide 2, 30kDa NM_004128 </u>	2.84693326	0.951388889	0.334180257	1.93653	5.080314145
17368 AGI_HUM1_OLIGO_A_24_P757638	<u> Homo sapiens transcribed sequences BI520212 </u>	2.844992414	0.874305556	0.307313844	1.91778	5.080314145
21477 AGI_HUM1_OLIGO_A_32_P74477	<u> THC1518444 </u>	2.843876566	1.705208333	0.599607013	4.03451	5.080314145
5860 AGI_HUM1_OLIGO_A_23_P29630	<u>SPC12 signal peptidase 12kDa NM_014041 </u>	2.843119054	0.860277778	0.302582397	1.77421	5.080314145
17353 AGI_HUM1_OLIGO_A_24_P754989	<u> Homo sapiens similar to 60S RIBOSOMAL PROTEIN L17 (L23) (AMINO ACID STARVATION-INDUCED PROTEIN) (ASI) (LOC341</u>	2.838722864	0.721666667	0.254222304	1.57349	5.080314145
4102 AGI_HUM1_OLIGO_A_32_P204408	<u>RBBP2 retinoblastoma binding protein 2 NM_005056 </u>	2.834003255	0.618333333	0.218183706	1.57730	5.080314145
1736 AGI_HUM1_OLIGO_A_23_P133656	<u>LAMA4 laminin, alpha 4 NM_002290 </u>	2.832778968	3.46875	1.22450429	5.86762	5.080314145
13952 AGI_HUM1_OLIGO_A_24_P270424	<u>DPF3 D4, zinc and double PHD fingers, family 3 NM_012074 </u>	2.832464756	1.232875	0.435265787	2.76529	5.080314145
10374 AGI_HUM1_OLIGO_A_32_P76291	<u>PROL4 proline rich 4 (lacrima) NM_007244 </u>	2.831942604	1.085	0.383129234	2.48472	5.080314145
2320 AGI_HUM1_OLIGO_A_23_P144959	<u>CSPG2 chondroitin sulfate proteoglycan 2 (versican) NM_004385 </u>	2.825253958	1.378611111	0.487960067	2.92614	5.080314145
5724 AGI_HUM1_OLIGO_A_32_P2725	<u>RPL21 ribosomal protein L21 NM_000982 </u>	2.825181244	0.913055556	0.323184772	1.88172	5.080314145
14607 AGI_HUM1_OLIGO_A_24_P316127	<u>MGC14817 hypothetical protein MGC14817 AF255792 </u>	2.822039919	1.090555556	0.386442285	2.00868	5.080314145
18625 AGI_HUM1_OLIGO_A_32_P103966	<u> 1842741 </u>	2.818747627	1.054277778	0.374023473	2.24838	5.080314145
3525 AGI_HUM1_OLIGO_A_23_P167559	<u>FLJ31951 hypothetical protein FLJ31951 NM_144726 </u>	2.810777394	1.19875	0.426483436	1.98878	5.080314145
13311 AGI_HUM1_OLIGO_A_24_P223124	<u>FAD104 FAD104 NM_022763 </u>	2.806932293	1.253611111	0.446612522	2.23599	5.080314145
18810 AGI_HUM1_OLIGO_A_32_P115258	<u> 963563 </u>	2.806464955	0.875	0.311780127	1.84476	5.080314145
21116 AGI_HUM1_OLIGO_A_24_P137522	<u>KIAA1350 KIAA1350 protein AB037771 </u>	2.803733507	1.590583333	0.567309029	2.99650	5.080314145
13111 AGI_HUM1_OLIGO_A_24_P208595	<u>ANTXR1 anthrax toxin receptor 1 NM_053034 </u>	2.802392452	1.233291667	0.44008528	1.99955	5.080314145
10570 AGI_HUM1_OLIGO_A_32_P79518	<u>IL1B interleukin 1, beta NM_000576 </u>	2.800778831	3.570458333	1.274809097	21.99657	5.080314145
21492 AGI_HUM1_OLIGO_A_32_P75141	<u>SDR1 short-chain dehydrogenase/reductase 1 NM_004753 </u>	2.797741996	3.042361111	1.08743448	9.01574	5.080314145
16596 AGI_HUM1_OLIGO_A_24_P56317	<u>MBNL2 muscleblind-like 2 (Drosophila) NM_144778 </u>	2.797494672	1.540416667	0.550641502	3.96512	5.080314145
21576 AGI_HUM1_OLIGO_A_32_P80089	<u>C20orf80 chromosome 20 open reading frame 80 BC017921 </u>	2.795771364	1.009583333	0.361110836	2.05675	5.080314145
16290 AGI_HUM1_OLIGO_A_24_P479645	<u> Homo sapiens cDNA clone IMAGE:5294561, partial cds AK093640 </u>	2.795285159	0.847361111	0.303139416	1.83537	5.080314145
13284 AGI_HUM1_OLIGO_A_24_P221551	<u> ENST00000328288 </u>	2.794730104	0.707222222	0.253055643	1.58850	5.080314145
2247 AGI_HUM1_OLIGO_A_23_P143526	<u>S100B S100 calcium binding protein, beta (neural) NM_006272 </u>	2.794167231	3.652361111	1.307137622	4.27296	5.080314145
9952 AGI_HUM1_OLIGO_A_23_P6786	<u>TRNT1 tRNA nucleotidyl transferase, CCA-adding, 1 BC005184 </u>	2.793759268	0.886666667	0.31737404	1.86199	5.080314145
20835 AGI_HUM1_OLIGO_A_32_P36552	<u>TFAP2C transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma) NM_003222 </u>	2.79330477	2.454166667	0.878588936	5.00137	5.080314145
13116 AGI_HUM1_OLIGO_A_24_P208909	<u>TRIM2 tripartite motif-containing 2 NM_015271 </u>	2.792211302	1.719861111	0.615949484	2.24104	5.080314145
18359 AGI_HUM1_OLIGO_A_24_P937405	<u>SPUVE protease, serine, 23 AK075362 </u>	2.7907677	2.585	0.926268424	12.62656	5.080314145
4324 AGI_HUM1_OLIGO_A_23_P207999	<u>PMAIP1 phorbol-12-myristate-13-acetate-induced protein 1 BC032663 </u>	2.79025758	1.451805556	0.520312378	2.14681	5.080314145
5647 AGI_HUM1_OLIGO_A_23_P26021	<u>TRIP15 thyroid receptor interacting protein 15 NM_004236 </u>	2.788885041	0.680416667	0.24397444	1.54963	5.080314145
20151 AGI_HUM1_OLIGO_A_32_P206308	<u> THC1438131 </u>	2.78875798	0.880402778	0.31569709	1.84092	5.080314145
11292 AGI_HUM1_OLIGO_A_23_P94501	<u>ANXA1 annexin A1 NM_000700 </u>	2.788497063	2.632916667	0.944206362	2.20823	5.080314145
11587 AGI_HUM1_OLIGO_A_24_P101651	<u>TRAG3 taxol resistance associated gene 3 BC013171 </u>	2.786662318	1.682916667	0.603918407	2.58975	5.080314145
597 AGI_HUM1_OLIGO_A_23_P111260	<u>NT5E 5'-nucleotidase, ecto (CD73) X55740 </u>	2.786185969	1.310833333	0.470475894	2.25519	5.080314145
16064 AGI_HUM1_OLIGO_A_24_P41593	<u> ENST00000325925 </u>	2.784954396	0.49625	0.178189632	1.43519	5.080314145
19759 AGI_HUM1_OLIGO_A_32_P181271	<u> THC1483361 </u>	2.784215198	1.452180556	0.521576262	3.17267	5.080314145
4631 AGI_HUM1_OLIGO_A_23_P213298	<u>FLJ23548 hypothetical protein FLJ23548 NM_024590 </u>	2.783472673	1.735791667	0.623606505	3.56442	5.080314145
17802 AGI_HUM1_OLIGO_A_24_P87490	<u>LOC201158 similar to CGI-148 protein NM_145301 </u>	2.782433882	0.728472222	0.261811153	1.71605	5.080314145
17265 AGI_HUM1_OLIGO_A_24_P736617	<u> Homo sapiens similar to ribosomal protein L13a; 60S ribosomal protein L13a; 23 kD highly basic protein (LOC351967), mRNA XM</u>	2.775276564	0.617222222	0.222400257	1.50029	5.080314145
7103 AGI_HUM1_OLIGO_A_23_P360754	<u>ADAMTS4 a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 4 NM_005099 </u>	2.775201478	2.730416667	0.983862501	6.37447	5.080314145
21119 AGI_HUM1_OLIGO_A_32_P51313	<u> A_32 BS51313 </u>	2.774626974	0.843625	0.304049881	1.76706	5.080314145
2827 AGI_HUM1_OLIGO_A_23_P154330	<u>APACD ATP binding protein associated with cell differentiation NM_005783 </u>	2.771942014	0.702638889	0.253482535	1.64981	5.080314145

865 AGI_HUM1_OLIGO_A_23_P117175	<u>ADPRTL1 ADP-ribosyltransferase (NAD⁺: poly (ADP-ribose) polymerase)-like 1 NM_006437 </u>	2.770670224	0.757777778	0.273499809	1.71430	5.080314145
8188 AGI_HUM1_OLIGO_A_23_P415401	<u>BTEB1 basic transcription element binding protein 1 NM_001206 </u>	2.769750369	2.528055556	0.912737691	2.96216	5.080314145
6957 AGI_HUM1_OLIGO_A_23_P354805	<u>KLF12 Kruppel-like factor 12 NM_007249 </u>	2.767679392	1.655694444	0.598264798	2.32355	5.080314145
21365 AGI_HUM1_OLIGO_A_32_P67769	<u> THC1526209 </u>	2.767677964	0.623611111	0.225319246	1.48968	5.080314145
3447 AGI_HUM1_OLIGO_A_23_P166100	<u>DJ971N18.2 hypothetical protein DJ971N18.2 NM_021156 </u>	2.767425049	1.446111111	0.522547525	3.07477	5.080314145
18420 AGI_HUM1_OLIGO_A_23_P941643	<u>PLCB1 phospholipase C, beta 1 (phosphoinositide-specific) NM_015192 </u>	2.765814486	1.762916667	0.637395124	2.29388	5.080314145
9294 AGI_HUM1_OLIGO_A_23_P54840	<u>MT1A metallothionein 1A (functional) NM_005946 </u>	2.76513419	1.163333333	0.420714965	2.23641	5.080314145
21095 AGI_HUM1_OLIGO_A_32_P50066	<u> THC1477543 </u>	2.763628216	2.161375	0.782078786	3.03053	5.080314145
19803 AGI_HUM1_OLIGO_A_32_P184518	<u> I_1906834 </u>	2.760995869	0.891388889	0.322850497	1.82890	5.080314145
5285 AGI_HUM1_OLIGO_A_23_P252721	<u>DLC1 deleted in liver cancer 1 AF026219 </u>	2.758894793	2.105416667	0.763137715	2.62993	5.080314145
15344 AGI_HUM1_OLIGO_A_24_P367191	<u> ENST00000330902 </u>	2.758493711	0.626944444	0.227277823	1.54307	5.080314145
14862 AGI_HUM1_OLIGO_A_24_P333112	<u> ENST00000333136 </u>	2.758318597	0.616388889	0.223465444	1.51012	5.080314145
3486 AGI_HUM1_OLIGO_A_23_P166716	<u>FLJ20432 hypothetical protein FLJ20432 BC035967 </u>	2.755510248	0.66875	0.242695523	1.56450	5.080314145
13851 AGI_HUM1_OLIGO_A_24_P261259	<u>PKFB3 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 NM_004566 </u>	2.755312776	0.911666667	0.330875926	1.74455	5.080314145
1485 AGI_HUM1_OLIGO_A_23_P128991	<u>DC50 hypothetical protein DC50 NM_031210 </u>	2.752927354	0.835694444	0.303565745	1.69905	5.080314145
19622 AGI_HUM1_OLIGO_A_32_P170736	<u>FLJ36031 hypothetical protein FLJ36031 AK098422 </u>	2.752077231	1.131666667	0.411204545	1.85450	5.080314145
6925 AGI_HUM1_OLIGO_A_23_P353478	<u>MHC2TA MHC class II transactivator NM_000246 </u>	2.751077823	1.396666667	0.50767981	3.01342	5.080314145
14276 AGI_HUM1_OLIGO_A_24_P294233	<u>GLS glutaminase NM_014905 </u>	2.749535445	0.800277778	0.291059269	1.71878	5.080314145
1216 AGI_HUM1_OLIGO_A_23_P123424	<u>CHRN3 cholinergic receptor, nicotinic, beta polypeptide 3 NM_000749 </u>	2.748158879	0.465194444	0.169274945	1.38149	5.080314145
15606 AGI_HUM1_OLIGO_A_24_P384539	<u> ENST00000333023 </u>	2.748151464	0.676527778	0.246175579	1.61194	5.080314145
19439 AGI_HUM1_OLIGO_A_32_P158385	<u>COTL1 coactosin-like 1 (Dictyostelium) L08436 </u>	2.747233254	1.315722222	0.478926287	2.12810	5.080314145
19575 AGI_HUM1_OLIGO_A_32_P167493	<u>SAP18 sin3-associated polypeptide, 18kDa AF153608 </u>	2.746099693	0.7525	0.274025012	1.62692	5.080314145
20165 AGI_HUM1_OLIGO_A_32_P207169	<u> THC1440006 </u>	2.746073271	2.871111111	1.045533323	5.68413	5.080314145
6670 AGI_HUM1_OLIGO_A_23_P341223	<u>KIAA0469 KIAA0469 gene product AB007938 </u>	2.738922024	1.010277778	0.368859635	1.96628	5.080314145
11720 AGI_HUM1_OLIGO_A_24_P11061	<u>CSAGE chondrosarcoma associated gene 1 NM_153478 </u>	2.737622219	1.942361111	0.709488487	2.91656	5.080314145
7880 AGI_HUM1_OLIGO_A_23_P39971	<u>CL25084 hypothetical protein CL25084 NM_015701 </u>	2.73623674	0.786944444	0.287601008	1.70207	5.080314145
99 AGI_HUM1_OLIGO_A_23_P10182	<u>ACOX2 acyl-Coenzyme A oxidase 2, branched chain NM_003500 </u>	2.731085647	1.963194444	0.718832984	5.57483	5.080314145
17674 AGI_HUM1_OLIGO_A_24_P83968	<u> ENST00000309405 </u>	2.729313419	0.633333333	0.232048591	1.54098	5.080314145
17921 AGI_HUM1_OLIGO_A_24_P910030	<u> Homo sapiens hypothetical gene supported by AK001448; AK090412; BC015658 (LOC348899). mRNA BC022881 </u>	2.728447969	1.21625	0.445766243	2.19398	5.080314145
8248 AGI_HUM1_OLIGO_A_23_P418031	<u>LOC126917 hypothetical protein LOC126917 AK024480 </u>	2.727772797	0.927361111	0.339970071	1.92664	5.080314145
7324 AGI_HUM1_OLIGO_A_23_P37244	<u>SNAPC1 small nuclear RNA activating complex, polypeptide 1, 43kDa NM_003082 </u>	2.727050347	1.38125	0.506499633	2.10970	5.080314145

70 Negative Significant Genes

Row	Gene Name	Gene ID	Score(d)	Numerator(r)	Denominator(s+s0)	Fold Change	q-value (%)
8915 AGI_HUM1_OLIGO_A_23_P49412	<u>MGC3121 hypothetical protein MGC3121 NM_024031 </u>		-4.334218329	-1.123611111	0.259241927	0.44918	3.646276498
18003 AGI_HUM1_OLIGO_A_24_P916141	<u>HAN11 WD-repeat protein AK025925 </u>		-4.257372936	-1.077777778	0.253155595	0.47505	3.646276498
3665 AGI_HUM1_OLIGO_A_23_P171077	<u>EBP emopamil binding protein (sterol isomerase) NM_006579 </u>		-4.01572597	-1.132083333	0.281912496	0.45600	3.646276498
11201 AGI_HUM1_OLIGO_A_23_P92552	<u>PET112L PET112-like (yeast) NM_004564 </u>		-4.008204484	-1.055138889	0.263244775	0.51289	3.646276498
19993 AGI_HUM1_OLIGO_A_32_P197489	<u>KLF13 Kruppel-like factor 13 BC012782 </u>		-3.986586662	-1.655277778	0.415211788	0.32593	3.646276498
1046 AGI_HUM1_OLIGO_A_23_P120254	<u>DUSP22 dual specificity phosphatase 22 NM_020185 </u>		-3.955237923	-0.987916667	0.24977427	0.49284	3.646276498
8096 AGI_HUM1_OLIGO_A_23_P410965	<u>KIAA1522 KIAA1522 protein AB040955 </u>		-3.89495023	-1.965694444	0.50467768	0.20048	3.646276498
5991 AGI_HUM1_OLIGO_A_23_P305481	<u>ACQ2 aconitase 2, mitochondrial NM_001098 </u>		-3.826978416	-1.21375	0.317156218	0.46578	3.646276498
2405 AGI_HUM1_OLIGO_A_23_P146497	<u>KIAA0649 KIAA0649 gene product NM_014811 </u>		-3.816128216	-1.366388889	0.358056337	0.41093	3.646276498
4955 AGI_HUM1_OLIGO_A_23_P218646	<u>TNFRSF6B tumor necrosis factor receptor superfamily, member 6b, decoy NM_032957 </u>		-3.815626757	-0.881694444	0.231074605	0.52882	3.646276498
15683 AGI_HUM1_OLIGO_A_24_P391568	<u>ARNT aryl hydrocarbon receptor nuclear translocator NM_001668 </u>		-3.797048817	-1.046208333	0.275531968	0.47657	3.646276498
21520 AGI_HUM1_OLIGO_A_32_P76526	<u> A_32_BS76526 </u>		-3.795968257	-1.095972222	0.28872007	0.44139	3.646276498
4369 AGI_HUM1_OLIGO_A_23_P208779	<u>EPS8L1 EPS8-like 1 NM_133180 </u>		-3.79195634	-1.170277778	0.308620354	0.44186	3.646276498
17093 AGI_HUM1_OLIGO_A_24_P684721	<u>PP2447 hypothetical protein PP2447 NM_025204 </u>		-3.768125458	-0.959305556	0.254584293	0.48803	3.646276498
16606 AGI_HUM1_OLIGO_A_24_P565503	<u> Homo sapiens similar to mucin (LOC122397). mRNA XM_063109 </u>		-3.766034515	-1.005138889	0.266895825	0.51522	3.646276498
4416 AGI_HUM1_OLIGO_A_23_P209625	<u>CYP1B1 cytochrome P450, family 1, subfamily B, polypeptide 1 NM_000104 </u>		-3.706563126	-2.427361111	0.654881902	0.10846	3.646276498
6358 AGI_HUM1_OLIGO_A_23_P32253	<u>NFIL3 nuclear factor, interleukin 3 regulated NM_005384 </u>		-3.680141584	-1.592916667	0.432841137	0.29546	3.646276498
5127 AGI_HUM1_OLIGO_A_23_P2474	<u>COP57A COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis) NM_016319 </u>		-3.674785974	-1.125	0.306140278	0.42920	3.646276498
13453 AGI_HUM1_OLIGO_A_24_P233995	<u>FLJ22390 hypothetical protein FLJ22390 AK000035 </u>		-3.654253172	-1.587333333	0.434379683	0.26249	3.646276498
18067 AGI_HUM1_OLIGO_A_24_P920125	<u> THC1543663 </u>		-3.653537599	-1.048472222	0.286974528	0.48022	3.646276498
8602 AGI_HUM1_OLIGO_A_23_P435941	<u>LOC90378 hypothetical protein BC007384 BC007384 </u>		-3.645299968	-1.304625	0.357892358	0.41135	3.646276498
3088 AGI_HUM1_OLIGO_A_23_P159544	<u> I_963398 </u>		-3.63833389	-0.937277778	0.25761181	0.53666	3.646276498

21908 AGI_HUM1_OLIGO_A_32_P99690	 I_1911829 	-3.632729274	-1.115138889	0.306969996	0.46859	3.646276498
20725 AGI_HUM1_OLIGO_A_32_P31618	GSR glutathione reductase BC035691 	-3.612235504	-1.338819444	0.370634595	0.44519	3.646276498
3092 AGI_HUM1_OLIGO_A_23_P159671	PHKA2 phosphorylase kinase, alpha 2 (liver) NM_000292 	-3.602445037	-1.002916667	0.278398881	0.48705	3.646276498
617 AGI_HUM1_OLIGO_A_23_P111621	GTF2IRD1 GTF2I repeat domain containing 1 NM_016328 	-3.572257399	-1.182222222	0.330945419	0.43465	4.402557398
15665 AGI_HUM1_OLIGO_A_24_P390055	USP30 ubiquitin specific protease 30 AL834278 	-3.556362006	-0.6615	0.186004686	0.63415	4.402557398
9990 AGI_HUM1_OLIGO_A_23_P68824	SMARCB1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1 NM_003073 	-3.532186432	-1.366166667	0.386776489	0.41047	4.402557398
5763 AGI_HUM1_OLIGO_A_23_P27827	FBI1 HIV-1 inducer of short transcripts binding protein NM_015898 	-3.527139381	-0.640833333	0.181686422	0.64428	4.402557398
17119 AGI_HUM1_OLIGO_A_24_P691775	 Homo sapiens similar to hypothetical protein DKFZp434F142 (LOC257069), mRNA XM_170963 	-3.514379102	-0.788055556	0.224237492	0.56907	4.402557398
7231 AGI_HUM1_OLIGO_A_23_P368028	TP53I11 tumor protein p53 inducible protein 11 NM_006034 	-3.504091471	-1.416833333	0.404336857	0.37068	4.402557398
10168 AGI_HUM1_OLIGO_A_23_P71946	BSPRY B-box and SPRY domain containing NM_017688 	-3.490000018	-1.85525	0.531590255	0.17162	4.402557398
2066 AGI_HUM1_OLIGO_A_23_P140207	PCK2 phosphoenolpyruvate carboxykinase 2 (mitochondrial) BC001454 	-3.476979069	-1.435416667	0.412834428	0.34839	4.402557398
878 AGI_HUM1_OLIGO_A_23_P117424	WDR23 WD repeat domain 23 AF130070 	-3.466284896	-0.993194444	0.286529952	0.46972	4.402557398
15922 AGI_HUM1_OLIGO_A_24_P407717	 NM_025199 	-3.424480799	-0.788888889	0.230367444	0.58961	5.080314145
12404 AGI_HUM1_OLIGO_A_24_P159515	ProSAPIP2 ProSAPIP2 protein AB018318 	-3.393006357	-1.073055556	0.316255097	0.47794	5.080314145
13298 AGI_HUM1_OLIGO_A_24_P222126	TH1L TH1-like (Drosophila) AK023310 	-3.366595969	-1.170833333	0.34777958	0.46816	5.080314145
15565 AGI_HUM1_OLIGO_A_24_P383080	ARS2 arsenate resistance protein ARS2 NM_182800 	-3.365035685	-0.951708333	0.282822657	0.55008	5.080314145
17572 AGI_HUM1_OLIGO_A_24_P81473	GOT1 glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) NM_002079 	-3.361095791	-0.56375	0.167728037	0.67824	5.080314145
1353 AGI_HUM1_OLIGO_A_23_P126623	PGD phosphogluconate dehydrogenase NM_002631 	-3.344132639	-1.15	0.343885881	0.47299	5.080314145
17397 AGI_HUM1_OLIGO_A_24_P76288	 ENST00000332703 	-3.336878371	-1.134305556	0.339930147	0.45100	5.080314145
9939 AGI_HUM1_OLIGO_A_23_P67583	VCY2IP1 VCY2 interacting protein 1 NM_018174 	-3.333913215	-0.902916667	0.270827886	0.55318	5.080314145
18458 AGI_HUM1_OLIGO_A_24_P943062	KIAA0182 KIAA0182 protein D80004 	-3.333227262	-1.131833333	0.339560805	0.46737	5.080314145
15226 AGI_HUM1_OLIGO_A_24_P358857	 ENST00000333700 	-3.313810116	-1.408166667	0.424938852	0.27366	5.080314145
1646 AGI_HUM1_OLIGO_A_23_P132115	SNF1LK SNF1-like kinase NM_173354 	-3.313803249	-1.609125	0.48558254	0.27562	5.080314145
20768 AGI_HUM1_OLIGO_A_32_P337508	FLJ40059 hypothetical protein FLJ40059 NM_182577 	-3.288231577	-0.869722222	0.264495429	0.53882	5.080314145
17316 AGI_HUM1_OLIGO_A_24_P74997	 ENST00000249376 	-3.283226739	-2.219916667	0.676138702	0.08383	5.080314145
2539 AGI_HUM1_OLIGO_A_23_P14939	LOC51061 hypothetical protein LOC51061 NM_015914 	-3.276515925	-0.840583333	0.256547916	0.56274	5.080314145
18775 AGI_HUM1_OLIGO_A_32_P113404	 Homo sapiens transcribed sequence with weak similarity to protein ref:NP_060265.1 (H.sapiens) hypothetical protein FLJ20378 [Ho	-3.276274536	-1.40575	0.42906966	0.33612	5.080314145
13652 AGI_HUM1_OLIGO_A_24_P247408	 ENST00000331127 	-3.273437676	-0.788472222	0.240869783	0.58835	5.080314145
8200 AGI_HUM1_OLIGO_A_23_P415827	SEPT8 septin 8 D86957 	-3.269126953	-0.822069444	0.251464521	0.55140	5.080314145
8969 AGI_HUM1_OLIGO_A_23_P50081	IMPA2 inositol(myo)-1(or 4)-monophosphatase 2 NM_014214 	-3.266717497	-1.801527778	0.551479514	0.21854	5.080314145
3839 AGI_HUM1_OLIGO_A_23_P200056	FLJ13052 NAD kinase AK023114 	-3.262733411	-0.880694444	0.269925346	0.55927	5.080314145
14766 AGI_HUM1_OLIGO_A_24_P326957	WDR23 WD repeat domain 23 AK074296 	-3.25229915	-0.917361111	0.282065416	0.50007	5.080314145
12414 AGI_HUM1_OLIGO_A_24_P160202	PANX2 pannexin 2 NM_052839 	-3.249099367	-0.884166667	0.272126693	0.56812	5.080314145
7851 AGI_HUM1_OLIGO_A_23_P398294	HIP1R huntingtin interacting protein-1-related AB014555 	-3.249066287	-1.349444444	0.415332999	0.36400	5.080314145
814 AGI_HUM1_OLIGO_A_23_P115922	EIF4EBP2 eukaryotic translation initiation factor 4E binding protein 2 NM_004096 	-3.241140834	-0.866944444	0.267481263	0.56166	5.080314145
14318 AGI_HUM1_OLIGO_A_24_P29723	POR P450 (cytochrome) oxidoreductase NM_000941 	-3.240336093	-1.580833333	0.487860916	0.34930	5.080314145
7852 AGI_HUM1_OLIGO_A_23_P398372	LOC90120 hypothetical gene supported by AK023162 BC009229 	-3.237426182	-0.970555556	0.299792335	0.48818	5.080314145
16790 AGI_HUM1_OLIGO_A_24_P609932	na similar to aconitase 2 XM_291609 	-3.237204307	-0.9425	0.291146283	0.54012	5.080314145
16986 AGI_HUM1_OLIGO_A_24_P66522	AZI1 likely ortholog of mouse 5-azacytidine induced gene 1 AB029041 	-3.234855551	-1.030208333	0.318471201	0.50470	5.080314145
16296 AGI_HUM1_OLIGO_A_24_P48069	DOK4 docking protein 4 NM_018110 	-3.234122433	-1.515402778	0.468566917	0.43059	5.080314145
11445 AGI_HUM1_OLIGO_A_23_P97932	PILB pilin-like transcription factor NM_012228 	-3.231546307	-1.006944444	0.311598334	0.52866	5.080314145
43 AGI_HUM1_OLIGO_A_23_P100764	CGI-69 CGI-69 protein NM_016016 	-3.231305836	-1.020277778	0.315747821	0.49438	5.080314145
21740 AGI_HUM1_OLIGO_A_32_P89073	LOC90378 hypothetical protein BC007384 BC007384 	-3.229126018	-1.221180556	0.378176804	0.41796	5.080314145
10409 AGI_HUM1_OLIGO_A_23_P76901	KIAA0599 KIAA0599 protein AK074169 	-3.220864402	-1.214166667	0.376969197	0.39738	5.080314145
3045 AGI_HUM1_OLIGO_A_23_P158533	DEAF1 deformed epidermal autoregulatory factor 1 (Drosophila) NM_021008 	-3.218529873	-0.992916667	0.308500062	0.51480	5.080314145
7477 AGI_HUM1_OLIGO_A_23_P379550	YARS tyrosyl-tRNA synthetase NM_003680 	-3.214386893	-1.252916667	0.389784027	0.48095	5.080314145
25 AGI_HUM1_OLIGO_A_23_P100478	MYST1 MYST histone acetyltransferase 1 NM_032188 	-3.214268459	-1.1375	0.353890789	0.39898	5.080314145
9643 AGI_HUM1_OLIGO_A_23_P61633	ACK1 activated p21cdc42Hs kinase NM_005781 	-3.213057106	-0.916805556	0.285337461	0.50828	5.080314145

Shields et al., Supp. Table 5 -- Significant Genes List -- SAM Analysis by UO1

Input Parameters	
Imputation Engine	10-Nearest Neighbor Imputer
Data Type	Two Class, unpaired data
Data in log scale?	TRUE
Number of Permutations	100
Blocked Permutation?	FALSE
RNG Seed	1234567
(Delta, Fold Change)	(0.85078, 2.00000)
(Upper Cutoff, Lower Cutoff)	(1.87177, -1.80771)
Computed Quantities	
Computed Exchangeability Factor S0	0.175007621
S0 percentile	0.15
False Significant Number (Median, 90 percentile)	(14.93241, 150.22569)
False Discovery Rate (Median, 90 percentile)	(1.01581, 10.21943)
Pi0Hat	0.56349

607 Positive Significant Genes

Row	Gene Name	Gene ID	Score(d)	Numerator(r)	Denominator(s+s0)	Fold Change	q-value (%)
3724	AGI_HUM1_OLIGO_A_23_P207742	THRA Thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avia	6.643302794	2.126	0.320021541	4.35327	0.066843083
9108	AGI_HUM1_OLIGO_A_23_P82169	SOX4 SRY (sex determining region Y)-box 4 X70683 	6.286917864	2.729555556	0.434164342	6.92288	0.066843083
16226	AGI_HUM1_OLIGO_A_32_P160896	FTMT Ferritin mitochondrial NM_177478 	6.188495034	1.680666667	0.271579222	3.20971	0.066843083
6086	AGI_HUM1_OLIGO_A_23_P360964	MGC15476 Thymus expressed gene 3-like NM_145056 	6.126428391	2.362	0.385542742	4.97673	0.066843083
15285	AGI_HUM1_OLIGO_A_24_P92771	 ENST00000318382 	5.768249939	2.029333333	0.351810923	4.12622	0.066843083
342	AGI_HUM1_OLIGO_A_23_P107351	NALP1 NACHT, leucine rich repeat and PYD (pyrin domain) containing 1 AF217966 	5.421097616	2.912888889	0.53732456	7.67096	0.066843083
8862	AGI_HUM1_OLIGO_A_23_P76823	ADSSL1 Adenylosuccinate synthase like 1 NM_152328 	5.379531595	3.104	0.577001909	9.76077	0.066843083
5851	AGI_HUM1_OLIGO_A_23_P34915	ATF3 Activating transcription factor 3 BC006322 	5.270509475	4.016666667	0.762102162	20.96204	0.066843083
9719	AGI_HUM1_OLIGO_A_23_P96965	SYNCOILIN Intermediate filament protein syncoilin NM_030786 	5.227916716	3.326444444	0.636284896	10.98467	0.066843083
5690	AGI_HUM1_OLIGO_A_23_P338919	APEG1 Aortic preferentially expressed protein 1 NM_005876 	4.956183949	2.361555556	0.476486664	5.12234	0.066843083
5760	AGI_HUM1_OLIGO_A_23_P343671	FOSL2 FOS-like antigen 2 NM_005253 	4.821866767	2.900733333	0.601578906	8.20678	0.066843083
10197	AGI_HUM1_OLIGO_A_24_P127051	 ENST00000321106 	4.814158641	1.766444444	0.366926929	3.53480	0.066843083
14125	AGI_HUM1_OLIGO_A_24_P58337	 ENST00000311977 	4.681154864	1.729333333	0.369424508	3.38376	0.066843083
6452	AGI_HUM1_OLIGO_A_23_P382775	BBC3 BCL2 binding component 3 NM_014417 	4.657054567	1.937333333	0.415999707	4.01082	0.066843083
17386	AGI_HUM1_OLIGO_A_32_P52018	PHACTR1 Phosphatase and actin regulator 1 AK090769 	4.624298471	2.265555556	0.489924163	4.71624	0.066843083
12370	AGI_HUM1_OLIGO_A_24_P313334	SERF2 Small EDRK-rich factor 2 AK094846 	4.603741258	1.915777778	0.41613498	3.73549	0.066843083
7579	AGI_HUM1_OLIGO_A_23_P49708	GRN Granulin NM_002087 	4.584974353	1.513111111	0.330015174	2.82892	0.066843083
17141	AGI_HUM1_OLIGO_A_32_P342064	 I_1930407 	4.556595259	1.743111111	0.382546839	3.43080	0.066843083
15700	AGI_HUM1_OLIGO_A_32_P111565	 ENST00000322061 	4.452049971	1.849777778	0.415488997	3.75552	0.066843083
2004	AGI_HUM1_OLIGO_A_23_P145074	PNRC1 Proline-rich nuclear receptor coactivator 1 NM_006813 	4.441709413	1.711555556	0.38533713	3.23698	0.066843083
10778	AGI_HUM1_OLIGO_A_24_P177795	 ENST00000273550 	4.397184813	1.887333333	0.429214012	4.05397	0.066843083
10181	AGI_HUM1_OLIGO_A_24_P126325	NPD014 NPD014 protein AK027318 	4.39376511	1.848488889	0.420707262	3.62055	0.066843083
12338	AGI_HUM1_OLIGO_A_24_P30923	SNN Stannin NM_003498 	4.343301148	1.767777778	0.407012481	3.59281	0.066843083
10169	AGI_HUM1_OLIGO_A_24_P125283	HDAC5 Histone deacetylase 5 NM_139205 	4.31116818	1.442133333	0.334511036	2.75663	0.066843083
559	AGI_HUM1_OLIGO_A_23_P112241	DNAJB5 DnaJ (Hsp40) homolog, subfamily B, member 5 NM_012266 	4.274818486	1.873777778	0.438329202	3.67716	0.066843083
1327	AGI_HUM1_OLIGO_A_23_P129956	DUSP3 Dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) BC008286 	4.260216114	1.277777778	0.299932619	2.48109	0.066843083
4934	AGI_HUM1_OLIGO_A_23_P26916	HDAC5 Histone deacetylase 5 NM_005474 	4.210046938	1.542444444	0.366372268	2.83136	0.066843083
5923	AGI_HUM1_OLIGO_A_23_P353097	SBP1 HBV pre-s2 binding protein 1 NM_178121 	4.157797011	1.585777778	0.381398556	3.04359	0.066843083
9843	AGI_HUM1_OLIGO_A_23_P99853	FLJ10980 Hypothetical protein FLJ10980 AB037791 	4.150244096	1.819777778	0.438474879	3.50018	0.066843083
13946	AGI_HUM1_OLIGO_A_24_P521994	LOC339924 Hypothetical protein LOC339924 AK024270 	4.052940461	1.916666667	0.472907679	3.58131	0.066843083
7698	AGI_HUM1_OLIGO_A_23_P50426	ANKRD25 Ankyrin repeat domain 25 NM_015493 	3.980903356	1.763111111	0.442892216	3.53774	0.066843083

16433	AGI_HUM1_OLIGO_A_32_P181297	<u>ST7 Suppression of tumorigenicity 7 AF400039 </u>	3.958924285	1.724022222	0.435477442	3.37573	0.066843083
1887	AGI_HUM1_OLIGO_A_23_P142560	<u>ZFXH1B Zinc finger homeobox 1b NM_014795 </u>	3.949822913	1.751555556	0.443451667	3.48152	0.066843083
3603	AGI_HUM1_OLIGO_A_32_P20558	<u>CDC37L1 Cell division cycle 37 homolog (S. cerevisiae)-like 1 NM_017913 </u>	3.912811907	1.909133333	0.487918504	4.12433	0.066843083
6622	AGI_HUM1_OLIGO_A_23_P39364	<u>HOMER3 Homer homolog 3 (Drosophila) NM_004838 </u>	3.904683707	1.5	0.384154035	2.75179	0.066843083
119	AGI_HUM1_OLIGO_A_23_P102611	<u>WISP2 WNT1 inducible signaling pathway protein 2 NM_003881 </u>	3.889228794	4.019111111	1.033395391	20.77289	0.066843083
5601	AGI_HUM1_OLIGO_A_23_P33256	<u>GP9 Glycoprotein IX (platelet) NM_000174 </u>	3.887601204	1.291333333	0.33216713	2.44904	0.066843083
17606	AGI_HUM1_OLIGO_A_32_P73452	<u>KIAA1623 KIAA1623 AB046843 </u>	3.884120024	1.251555556	0.322223708	2.40247	0.066843083
17882	AGI_HUM1_OLIGO_A_32_P96752	<u>SOX4 SRY (sex determining region Y)-box 4 NM_003107 </u>	3.882175286	2.194666667	0.565318798	4.22853	0.066843083
4226	AGI_HUM1_OLIGO_A_23_P217611	<u>ARMCX3 Armadillo repeat containing, X-linked 3 NM_016607 </u>	3.877923868	1.747666667	0.450670701	3.22218	0.066843083
1527	AGI_HUM1_OLIGO_A_23_P134426	<u>GNPB Glycoprotein (transmembrane) nmb BC032783 </u>	3.875018175	1.960666667	0.505976121	4.14241	0.066843083
16583	AGI_HUM1_OLIGO_A_32_P195401	<u>ALS2CR13 Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13 AK025007 </u>	3.828118404	1.248	0.326008725	2.34563	0.066843083
7641	AGI_HUM1_OLIGO_A_23_P501831	<u>C5orf4 Chromosome 5 open reading frame 4 NM_032385 </u>	3.815574643	1.662222222	0.435641385	3.09700	0.066843083
7703	AGI_HUM1_OLIGO_A_23_P50498	<u>FTL Ferritin, light polypeptide NM_000146 </u>	3.802593479	2.273333333	0.597837593	5.48193	0.066843083
3399	AGI_HUM1_OLIGO_A_23_P201790	<u>PPP1R12B Protein phosphatase 1, regulatory (inhibitor) subunit 12B NM_032105 </u>	3.781282024	2.043333333	0.540381098	3.94474	0.066843083
6454	AGI_HUM1_OLIGO_A_23_P383053	<u>APPBP2 Amyloid beta precursor protein (cytoplasmic tail) binding protein 2 AF017782 </u>	3.77801051	1.305777778	0.345625766	2.48449	0.066843083
15569	AGI_HUM1_OLIGO_A_32_P100439	<u>Ells1 Hypothetical protein Ells1 NM_152793 </u>	3.770551389	1.506666667	0.399587888	2.97966	0.066843083
3054	AGI_HUM1_OLIGO_A_23_P167983	<u> U90551 </u>	3.759821358	1.838222222	0.488912118	3.57572	0.066843083
14830	AGI_HUM1_OLIGO_A_24_P818010	<u> I_1856029 </u>	3.757610046	1.277555556	0.339991521	2.40716	0.066843083
5440	AGI_HUM1_OLIGO_A_23_P320739	<u>MEF2C MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C) NM_000146 </u>	3.743168677	1.654888889	0.442109088	3.01287	0.066843083
15827	AGI_HUM1_OLIGO_A_32_P122373	<u>MS1 Macrophage stimulating 1 (hepatocyte growth factor-like) BC044862 </u>	3.739293794	1.546444444	0.413565911	2.93964	0.066843083
8595	AGI_HUM1_OLIGO_A_23_P70818	<u>SMO Smoothed homolog (Drosophila) NM_005631 </u>	3.725520204	1.582444444	0.424757982	3.04431	0.066843083
6387	AGI_HUM1_OLIGO_A_23_P379649	<u>BMF Bcl2 modifying factor NM_033503 </u>	3.715122088	2.990733333	0.85016164	10.16430	0.066843083
3342	AGI_HUM1_OLIGO_A_23_P200710	<u>PIK3C2B Phosphoinositide-3-kinase, class 2, beta polypeptide NM_002646 </u>	3.697339812	1.840222222	0.497715199	3.87130	0.066843083
17012	AGI_HUM1_OLIGO_A_32_P2392	<u> I_1000703 </u>	3.687533878	1.402866667	0.380434923	2.71008	0.066843083
2372	AGI_HUM1_OLIGO_A_23_P153026	<u>GAA Glucosidase, alpha: acid (Pompe disease, glycogen storage disease type II) NM_000152 </u>	3.685821067	1.702222222	0.461829859	3.15664	0.066843083
2292	AGI_HUM1_OLIGO_A_23_P151529	<u>C14orf132 Chromosome 14 open reading frame 132 NM_020215 </u>	3.685313598	1.495444444	0.405784855	2.84510	0.066843083
12521	AGI_HUM1_OLIGO_A_24_P324787	<u>ANKRD25 Ankyrin repeat domain 25 AK002094 </u>	3.682769091	1.836888889	0.498779273	3.69470	0.066843083
17257	AGI_HUM1_OLIGO_A_32_P42574	<u>FLJ14525 Hypothetical protein FLJ14525 NM_032800 </u>	3.648375666	2.318222222	0.635412149	5.44250	0.066843083
8850	AGI_HUM1_OLIGO_A_23_P76622	<u>DCT Dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2) NM_001922 </u>	3.628931635	2.263111111	0.623630131	4.37195	0.066843083
14944	AGI_HUM1_OLIGO_A_24_P84984	<u> ENST00000333844 </u>	3.6170866	1.159111111	0.320454343	2.20244	0.066843083
12892	AGI_HUM1_OLIGO_A_24_P357576	<u>FLJ10980 Hypothetical protein FLJ10980 AB037791 </u>	3.614296111	1.602444444	0.4433628	3.08714	0.066843083
10310	AGI_HUM1_OLIGO_A_24_P136484	<u>MGC15875 Hypothetical protein MGC15875 AK090397 </u>	3.59695692	1.234444444	0.343191334	2.29802	0.066843083
9018	AGI_HUM1_OLIGO_A_23_P79842	<u>PIGT Phosphatidylinositol glycan, class T NM_015937 </u>	3.57210815	1.534	0.429438286	2.94047	0.066843083
5596	AGI_HUM1_OLIGO_A_23_P332326	<u>ARHGEF19 Rho guanine nucleotide exchange factor (GEF) 19 NM_153213 </u>	3.567113409	1.191777778	0.334101454	2.28954	0.066843083
4282	AGI_HUM1_OLIGO_A_23_P218555	<u>FOSL2 FOS-like antigen 2 BC022791 </u>	3.543281602	2.079333333	0.586838295	4.25178	0.066843083
16778	AGI_HUM1_OLIGO_A_32_P213637	<u> I_3562583 </u>	3.537285037	1.165777778	0.329568515	2.22666	0.066843083
4453	AGI_HUM1_OLIGO_A_23_P250102	<u>TIP120B TBP-interacting protein AB014567 </u>	3.528175925	2.862666667	0.811372995	11.44328	0.066843083
4936	AGI_HUM1_OLIGO_A_23_P26945	<u>NAGLU N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB) NM_000263 </u>	3.487062178	1.100888889	0.315706699	2.11648	0.066843083
9909	AGI_HUM1_OLIGO_A_24_P102981	<u>DNAJB2 DnaJ (Hsp40) homolog, subfamily B, member 2 NM_006736 </u>	3.485394613	1.427777778	0.409645947	2.55988	0.066843083
784	AGI_HUM1_OLIGO_A_23_P117782	<u>FLJ11196 Acheron NM_018357 </u>	3.475271573	2.205777778	0.634706592	4.59519	0.066843083
9502	AGI_HUM1_OLIGO_A_23_P91350	<u>KIAA1434 Hypothetical protein KIAA1434 AB037855 </u>	3.473709509	1.32	0.379997233	2.46593	0.066843083
16281	AGI_HUM1_OLIGO_A_32_P165330	<u> I_1937313 </u>	3.465148556	1.2	0.346305499	2.31220	0.066843083
5937	AGI_HUM1_OLIGO_A_23_P354074	<u>CHS1 Chediak-Higashi syndrome 1 NM_000081 </u>	3.4632392	1.803333333	0.520707127	3.16350	0.066843083
1177	AGI_HUM1_OLIGO_A_23_P12680	<u>PSAP Prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) NM_002778 </u>	3.461128915	1.461555556	0.422277121	2.81748	0.066843083
6018	AGI_HUM1_OLIGO_A_23_P358195	<u>FLJ35171 FLJ35171 protein AK092490 </u>	3.455711738	1.232	0.356511218	2.27855	0.066843083
15112	AGI_HUM1_OLIGO_A_24_P911676	<u>SOX4 SRY (sex determining region Y)-box 4 NM_003107 </u>	3.437860706	2.775333333	0.807284987	7.86443	0.066843083
4576	AGI_HUM1_OLIGO_A_23_P252808	<u>WBP1 WW domain binding protein 1 NM_012477 </u>	3.434226494	1.337333333	0.38941326	2.58398	0.066843083
4416	AGI_HUM1_OLIGO_A_23_P24433	<u>CTSF Cathepsin F NM_003793 </u>	3.430749913	1.796888889	0.5237598	3.40195	0.066843083
3382	AGI_HUM1_OLIGO_A_23_P201538	<u>JUN V-jun sarcoma virus 17 oncogene homolog (avian) BC002646 </u>	3.415142697	3.129777778	0.91644129	8.38883	0.066843083
5284	AGI_HUM1_OLIGO_A_23_P312652	<u>CIRBP Cold inducible RNA binding protein AK094781 </u>	3.396468644	1.507777778	0.443925128	2.69098	0.066843083
8480	AGI_HUM1_OLIGO_A_23_P68486	<u>C20orf108 Chromosome 20 open reading frame 108 NM_080821 </u>	3.396265481	1.465777778	0.431585159	2.57592	0.066843083
15458	AGI_HUM1_OLIGO_A_24_P942211	<u>SLC35E2 Solute carrier family 35, member E2 AB007916 </u>	3.391758005	1.365111111	0.402478924	2.47222	0.066843083
151	AGI_HUM1_OLIGO_A_23_P103282	<u>C1orf8 Chromosome 1 open reading frame 8 NM_004872 </u>	3.380090823	1.238	0.366262348	2.27813	0.066843083

3409 AGI_HUM1_OLIGO_A_23_P202	<u>EPS15 Epidermal growth factor receptor pathway substrate 15 NM_001981 </u>	3.378162686	1.229111111	0.363840118	2.42606	0.066843083
2143 AGI_HUM1_OLIGO_A_23_P148410	<u>FTHL17 Ferritin, heavy polypeptide-like 17 NM_031894 </u>	3.363733857	1.314444444	0.390769455	2.59385	0.066843083
9144 AGI_HUM1_OLIGO_A_23_P83007	<u>C9orf150 Chromosome 9 open reading frame 150 AK095824 </u>	3.361868336	1.704222222	0.506927117	3.18892	0.066843083
2345 AGI_HUM1_OLIGO_A_23_P152548	<u>SCPEP1 Serine carboxypeptidase 1 NM_021626 </u>	3.344350329	1.227111111	0.366920624	2.33023	0.066843083
7444 AGI_HUM1_OLIGO_A_23_P46588	<u>IRF2BP2 Interferon regulatory factor 2 binding protein 2 BC028143 </u>	3.342789438	1.602	0.479240476	3.24365	0.066843083
1279 AGI_HUM1_OLIGO_A_23_P128967	<u>ALDH6A1 Aldehyde dehydrogenase 6 family, member A1 NM_005589 </u>	3.342070807	1.578444444	0.472295333	2.81160	0.066843083
14500 AGI_HUM1_OLIGO_A_24_P707530	<u> THC1591470 </u>	3.329400204	1.672222222	0.502259302	2.95810	0.066843083
10222 AGI_HUM1_OLIGO_A_24_P128255	<u>DKFZP586B0319 DKFZP586B0319 protein AL050097 </u>	3.327328462	1.554866667	0.467301826	2.88899	0.066843083
11324 AGI_HUM1_OLIGO_A_24_P222237	<u>LOC283755 D15F37 (pseudogene) AB002391 </u>	3.327048126	1.072488889	0.322354486	2.14436	0.066843083
2353 AGI_HUM1_OLIGO_A_23_P152727	<u>PLEKHM1 Pleckstrin homology domain containing, family M (with RUN domain) member 1 AB002354 </u>	3.32221571	1.017111111	0.306154446	2.03757	0.066843083
6572 AGI_HUM1_OLIGO_A_23_P390528	<u>DUSP8 Dual specificity phosphatase 8 NM_004420 </u>	3.321571785	1.541177778	0.463990507	3.14568	0.066843083
407 AGI_HUM1_OLIGO_A_23_P108835	<u>YPEL5 Yippee-like 5 (Drosophila) NM_016061 </u>	3.321563675	1.395333333	0.420083271	2.47245	0.066843083
6503 AGI_HUM1_OLIGO_A_23_P386	<u>FLJ10521 Hypothetical protein FLJ10521 NM_018125 </u>	3.31843418	2.641555556	0.796024695	5.48604	0.066843083
8204 AGI_HUM1_OLIGO_A_23_P61748	<u>COL4A3BP Collagen, type IV, alpha 3 (Goodpasture antigen) binding protein NM_005713 </u>	3.309769891	1.913333333	0.578086513	3.69572	0.066843083
6434 AGI_HUM1_OLIGO_A_23_P382	<u>FLJ10521 Hypothetical protein FLJ10521 NM_018125 </u>	3.300976563	1.552444444	0.470298536	3.09338	0.066843083
8557 AGI_HUM1_OLIGO_A_23_P70060	<u>PPAP2A Phosphatidic acid phosphatase type 2A NM_176895 </u>	3.26247968	2.002666667	0.613848012	3.96998	0.066843083
15598 AGI_HUM1_OLIGO_A_32_P103291	<u>SMYD3 SET and MYND domain containing 3 NM_022743 </u>	3.261069807	1.077333333	0.330361936	2.14745	0.066843083
8703 AGI_HUM1_OLIGO_A_23_P7342	<u> I_957740 </u>	3.247838169	1.262666667	0.388771423	2.52912	0.066843083
4878 AGI_HUM1_OLIGO_A_23_P259741	<u>SATB1 Special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's) </u>	3.241867632	1.493111111	0.460571276	2.67132	0.066843083
17707 AGI_HUM1_OLIGO_A_32_P820503	<u> I_929122 </u>	3.230077206	1.450444444	0.449043274	2.86543	0.066843083
11759 AGI_HUM1_OLIGO_A_24_P2584	<u>NPD014 NPD014 protein NM_020317 </u>	3.223481453	1.376	0.426867665	2.58176	0.066843083
1444 AGI_HUM1_OLIGO_A_23_P132595	<u>VGLL4 Vestigial like 4 (Drosophila) D50911 </u>	3.221922269	1.203111111	0.373414071	2.37430	0.066843083
11518 AGI_HUM1_OLIGO_A_24_P239606	<u>GADD45B Growth arrest and DNA-damage-inducible, beta AL050044 </u>	3.218234407	2.444	0.759422618	4.81851	0.066843083
13461 AGI_HUM1_OLIGO_A_24_P405205	<u>ATP2B4 ATPase, Ca++ transporting, plasma membrane 4 AK026443 </u>	3.212707548	1.656666667	0.515660589	3.58787	0.066843083
12789 AGI_HUM1_OLIGO_A_24_P347480	<u>NEK9 NIMA (never in mitosis gene a)-related kinase 9 AB082526 </u>	3.205777165	1.154444444	0.360113753	2.17758	0.066843083
13873 AGI_HUM1_OLIGO_A_24_P497186	<u>IRF2BP2 Interferon regulatory factor 2 binding protein 2 BC020516 </u>	3.183630375	1.361111111	0.427534277	2.50939	0.066843083
740 AGI_HUM1_OLIGO_A_23_P11705	<u>FLJ10276 Hypothetical protein FLJ10276 NM_018045 </u>	3.177989943	1.245555556	0.391931875	2.45095	0.066843083
16020 AGI_HUM1_OLIGO_A_32_P14201	<u> Similar to Tetraatricopeptide repeat protein 3 (TPR repeat protein D) AW900647 </u>	3.166193636	1.157555556	0.365598472	2.24585	0.066843083
16166 AGI_HUM1_OLIGO_A_23_P155247	<u> ENST00000305989 </u>	3.161041327	1.690222222	0.534704247	3.58711	0.066843083
15003 AGI_HUM1_OLIGO_A_24_P873659	<u>MALAT1 Metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) AF001540 </u>	3.161039894	2.221555556	0.702792635	4.61696	0.066843083
5468 AGI_HUM1_OLIGO_A_23_P32253	<u>NFIL3 Nuclear factor, interleukin 3 regulated NM_005384 </u>	3.160377281	2.009111111	0.635718755	4.94735	0.066843083
15038 AGI_HUM1_OLIGO_A_24_P886336	<u> Homo sapiens, clone IMAGE:5175565, mRNA BC029907 </u>	3.157312329	1.207777778	0.382533513	2.27828	0.066843083
1935 AGI_HUM1_OLIGO_A_23_P143817	<u>MYLK Myosin, light polypeptide kinase NM_053025 </u>	3.156210712	2.294	0.726820928	3.91734	0.066843083
17602 AGI_HUM1_OLIGO_A_32_P73217	<u>AD-020 Protein x 013 NM_020141 </u>	3.151664457	1.055111111	0.334779011	2.03270	0.066843083
4909 AGI_HUM1_OLIGO_A_23_P26534	<u>HCFC1R1 Host cell factor C1 regulator 1 (XPO1 dependant) NM_017885 </u>	3.148968414	1.622888889	0.5153716	2.87794	0.066843083
8807 AGI_HUM1_OLIGO_A_23_P75509	<u>PPFIA1 Protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), . </u>	3.146382766	1.006222222	0.319802865	2.03812	0.066843083
12340 AGI_HUM1_OLIGO_A_24_P309317	<u>PSAP Prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) AK057878 </u>	3.134478017	1.487555556	0.474578398	2.81010	0.066843083
17532 AGI_HUM1_OLIGO_A_32_P6682	<u> THC1453434 </u>	3.131960644	1.041777778	0.332627991	2.02990	0.066843083
13337 AGI_HUM1_OLIGO_A_24_P393958	<u>DNAJB4 DnaJ (Hsp40) homolog, subfamily B, member 4 NM_007034 </u>	3.119927337	2.166222222	0.694318164	4.22247	0.066843083
9546 AGI_HUM1_OLIGO_A_23_P92230	<u>KIAA0669 KIAA0669 gene product NM_014779 </u>	3.118419306	1.433888889	0.459812728	2.70081	0.066843083
3709 AGI_HUM1_OLIGO_A_23_P207493	<u>CROP Cisplatin resistance-associated overexpressed protein NM_006107 </u>	3.109609287	1.469777778	0.472656737	2.89596	0.066843083
7704 AGI_HUM1_OLIGO_A_23_P50504	<u>FTL Ferritin, light polypeptide NM_000146 </u>	3.109126856	1.642666667	0.528336971	3.37141	0.066843083
13480 AGI_HUM1_OLIGO_A_24_P406814	<u>FAM53B Family with sequence similarity 53, member B NM_014661 </u>	3.100837084	1.450666667	0.467830662	2.81234	0.066843083
11477 AGI_HUM1_OLIGO_A_24_P236956	<u>RAB3D RAB3D, member RAS oncogene family BC007960 </u>	3.096544265	1.156	0.373319385	2.20442	0.066843083
6309 AGI_HUM1_OLIGO_A_23_P374389	<u>PWWP2 PWWP domain containing 2 AK096940 </u>	3.091181719	1.379111111	0.446143655	2.56590	0.066843083
5897 AGI_HUM1_OLIGO_A_23_P35168	<u>ALG6 Asparagine-linked glycosylation 6 homolog (yeast, alpha-1,3-glucosyltransferase) NM_013339 </u>	3.082346214	1.008666667	0.3272399	2.03356	0.066843083
7575 AGI_HUM1_OLIGO_A_23_P49610	<u>MGC14376 Hypothetical protein MGC14376 NM_032895 </u>	3.079135616	1.592088889	0.517057086	2.88684	0.066843083
7237 AGI_HUM1_OLIGO_A_23_P431939	<u>MR1 Major histocompatibility complex, class I-related NM_001531 </u>	3.058728252	1.168244444	0.381937965	2.19661	0.066843083
1621 AGI_HUM1_OLIGO_A_23_P136671	<u>UGT2B7 UDP glycosyltransferase 2 family, polypeptide B7 NM_001074 </u>	3.058578746	1.291333333	0.422200453	2.61184	0.066843083
3989 AGI_HUM1_OLIGO_A_23_P212968	<u>UGT2B11 UDP glycosyltransferase 2 family, polypeptide B11 NM_001073 </u>	3.046018439	1.199777778	0.393883951	2.36138	0.066843083
3977 AGI_HUM1_OLIGO_A_23_P212696	<u>FSTL1 Follistatin-like 1 NM_007085 </u>	3.036945924	1.391555556	0.458208869	2.76353	0.066843083
3628 AGI_HUM1_OLIGO_A_23_P206041	<u>MAN2A2 Mannosidase, alpha, class 2A, member 2 D55649 </u>	3.036071118	1.164888889	0.383683005	2.28718	0.066843083
13438 AGI_HUM1_OLIGO_A_24_P402690	<u>ITM2C Integral membrane protein 2C NM_030926 </u>	3.027710635	1.194888889	0.394650954	2.35486	0.066843083

13812	AGI_HUM1_OLIGO_A_24_P481375	<u>DR1 Down-regulator of transcription 1, TBP-binding (negative cofactor 2) AK021668 </u>	3.025274882	1.821555556	0.602112412	3.20987	0.066843083
2339	AGI_HUM1_OLIGO_A_23_P152420	<u>KIAA0182 KIAA0182 protein BC037556 </u>	3.024705766	1.452222222	0.480120162	2.90743	0.066843083
996	AGI_HUM1_OLIGO_A_23_P122007	<u>LOC90355 Hypothetical gene supported by AF038182; BC009203 NM_033211 </u>	3.024644604	1.094666667	0.361915798	2.09439	0.066843083
12132	AGI_HUM1_OLIGO_A_24_P29277	<u> I_962688 </u>	3.023707654	1.754888889	0.580376508	3.20063	0.066843083
4051	AGI_HUM1_OLIGO_A_23_P214222	<u>MARCKS Myristoylated alanine-rich protein kinase C substrate NM_002356 </u>	3.021611179	1.575777778	0.521502498	2.69559	0.066843083
11810	AGI_HUM1_OLIGO_A_24_P264166	<u>DKFZp434P162 Similar to hypothetical protein AL833871 </u>	3.016832211	1.2224	0.405193234	2.36195	0.066843083
4843	AGI_HUM1_OLIGO_A_23_P258992	<u>LOC51252 Hypothetical protein LOC51252 AF151068 </u>	3.010773657	1.327911111	0.441053119	2.59481	0.066843083
6696	AGI_HUM1_OLIGO_A_23_P39814	<u>CIR CBF1 interacting corepressor NM_004882 </u>	3.009985706	0.983555556	0.326764195	2.00557	0.066843083
12482	AGI_HUM1_OLIGO_A_24_P323114	<u> NR_001446 </u>	3.002927375	1.632266667	0.543558489	2.86098	0.066843083
4415	AGI_HUM1_OLIGO_A_23_P24414	<u>EFEMP2 EGF-containing fibulin-like extracellular matrix protein 2 AB030655 </u>	2.997333614	1.457555556	0.486284059	2.77830	0.066843083
6749	AGI_HUM1_OLIGO_A_23_P40108	<u>COL9A3 Collagen, type IX, alpha 3 NM_001853 </u>	2.994566293	1.537333333	0.513374286	2.83636	0.066843083
10814	AGI_HUM1_OLIGO_A_24_P180243	<u>UGT2B28 UDP glycosyltransferase 2 family, polypeptide B28 NM_053039 </u>	2.992293955	1.232577778	0.411917344	2.56615	0.066843083
6982	AGI_HUM1_OLIGO_A_23_P416142	<u>DLG1 Discs, large homolog 1 (Drosophila) NM_004087 </u>	2.990077035	1.064111111	0.355880835	2.03147	0.066843083
6114	AGI_HUM1_OLIGO_A_23_P363163	<u>CGGBP1 CGG triplet repeat binding protein 1 NM_003663 </u>	2.988813331	1.173333333	0.39257498	2.23228	0.066843083
8602	AGI_HUM1_OLIGO_A_23_P70897	<u>ZCWPW1 Zinc finger, CW type with PWWP domain 1 NM_017984 </u>	2.986981859	1.373777778	0.459921701	2.65003	0.066843083
5612	AGI_HUM1_OLIGO_A_23_P333640	<u>PAPLN Papilin, proteoglycan-like sulfated glycoprotein NM_173462 </u>	2.985684878	1.555888889	0.521116244	3.03746	0.066843083
17632	AGI_HUM1_OLIGO_A_32_P75425	<u> Hypothetical gene supported by AK097404; NM_198284 AK092942 </u>	2.984880795	1.040444444	0.348571523	2.03846	0.066843083
6147	AGI_HUM1_OLIGO_A_23_P3651	<u>HBZ Hemoglobin, zeta NM_005332 </u>	2.980606309	1.272444444	0.426907922	2.42637	0.066843083
9982	AGI_HUM1_OLIGO_A_24_P109652	<u>KIAA2002 KIAA2002 protein AK025943 </u>	2.980097533	1.097333333	0.368220611	2.16047	0.066843083
1663	AGI_HUM1_OLIGO_A_23_P137543	<u>FLJ25476 FLJ25476 protein NM_152493 </u>	2.976320942	1.174888889	0.394745362	2.16802	0.066843083
9375	AGI_HUM1_OLIGO_A_23_P88435	<u> NM_018589 </u>	2.969701369	1.621555556	0.546033205	3.09649	0.066843083
10442	AGI_HUM1_OLIGO_A_24_P148796	<u>MST1 Macrophage stimulating 1 (hepatocyte growth factor-like) NM_020998 </u>	2.968948438	1.089555556	0.36983657	2.11802	0.066843083
4728	AGI_HUM1_OLIGO_A_23_P256473	<u>SEMA3C Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C </u>	2.96644109	3.198444444	1.078209325	8.28904	0.066843083
15906	AGI_HUM1_OLIGO_A_32_P130641	<u>STARD9 START domain containing 9 AB037721 </u>	2.963089068	1.026888889	0.34656025	2.03984	0.066843083
6631	AGI_HUM1_OLIGO_A_23_P394216	<u>KIAA0329 KIAA0329 NM_014844 </u>	2.958935755	1.168666667	0.394961825	2.25342	0.066843083
14603	AGI_HUM1_OLIGO_A_24_P74371	<u>PPGB Protective protein for beta-galactosidase (galactosialidosis) NM_000308 </u>	2.957205228	1.094	0.369943888	2.13701	0.066843083
4992	AGI_HUM1_OLIGO_A_23_P2801	<u>ELF1 E74-like factor 1 (ets domain transcription factor) NM_172373 </u>	2.956831242	1.179555556	0.398925559	2.27001	0.066843083
2772	AGI_HUM1_OLIGO_A_23_P162037	<u>ARNTL Aryl hydrocarbon receptor nuclear translocator-like NM_001178 </u>	2.95323472	1.429555556	0.48406432	2.84027	0.066843083
686	AGI_HUM1_OLIGO_A_23_P115573	<u>Chr1orf40 Chromosome 1 open reading frame 40 BC009558 </u>	2.94754793	1.116222222	0.37869519	2.21172	0.066843083
15128	AGI_HUM1_OLIGO_A_24_P913075	<u> Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens] </u>	2.943157242	1.432888889	0.486854344	3.21501	0.066843083
12439	AGI_HUM1_OLIGO_A_24_P319923	<u> AL833897 </u>	2.942531066	2.192622222	0.745148368	4.28711	0.066843083
12031	AGI_HUM1_OLIGO_A_24_P284523	<u>MAP3K10 Mitogen-activated protein kinase kinase kinase 10 NM_002446 </u>	2.942252336	1.122666667	0.381567092	2.12803	0.066843083
939	AGI_HUM1_OLIGO_A_23_P12082	<u>CHI3L2 Chitinase 3-like 2 NM_004000 </u>	2.937551121	1.147377778	0.390589893	2.15811	0.066843083
1424	AGI_HUM1_OLIGO_A_23_P132226	<u>TPST2 Tyrosylprotein sulfotransferase 2 AK075139 </u>	2.937444848	1.702444444	0.579566437	3.39869	0.066843083
2810	AGI_HUM1_OLIGO_A_23_P162846	<u>LAMP1 Lysosomal-associated membrane protein 1 NM_005561 </u>	2.935469193	1.230444444	0.419164489	2.46179	0.066843083
13116	AGI_HUM1_OLIGO_A_24_P376339	<u>CCNL2 Cyclin L2 BC016333 </u>	2.932480255	1.032666667	0.352147867	2.00228	0.066843083
11452	AGI_HUM1_OLIGO_A_24_P23411	<u>ARMCX3 Armadillo repeat containing, X-linked 3 NM_016607 </u>	2.930769356	1.142888889	0.389962071	2.15213	0.066843083
16354	AGI_HUM1_OLIGO_A_32_P172198	<u> I_1975519 </u>	2.928775722	1.009333333	0.344626366	2.02664	0.066843083
14685	AGI_HUM1_OLIGO_A_24_P763655	<u> THC1543621 </u>	2.928320879	1.803333333	0.615825044	3.28961	0.066843083
2582	AGI_HUM1_OLIGO_A_23_P15727	<u>FKBP10 FK506 binding protein 10, 65 kDa NM_021939 </u>	2.91765999	1.448222222	0.496364288	2.62527	0.066843083
16458	AGI_HUM1_OLIGO_A_32_P18440	<u>ARID5B AT rich interactive domain 5B (MRF1-like) AL049471 </u>	2.910446293	1.270888889	0.436664608	2.32757	0.066843083
5753	AGI_HUM1_OLIGO_A_23_P342751	<u> NM_173604 </u>	2.908133187	1.051355556	0.361522492	2.13641	0.066843083
473	AGI_HUM1_OLIGO_A_23_P110403	<u>PDLIM3 PDZ and LIM domain 3 NM_014476 </u>	2.907880807	1.5802	0.543419798	2.87061	0.066843083
1277	AGI_HUM1_OLIGO_A_23_P128956	<u>ZFYVE1 Zinc finger, FYVE domain containing 1 NM_021260 </u>	2.906672799	1.109244444	0.38161999	2.19048	0.066843083
4353	AGI_HUM1_OLIGO_A_23_P22682	<u>ARMCX1 Armadillo repeat containing, X-linked 1 NM_016608 </u>	2.90667116	1.276222222	0.4390666	2.49303	0.066843083
13032	AGI_HUM1_OLIGO_A_24_P36868	<u>WDR26 WD repeat domain 26 AK023023 </u>	2.900291003	1.106	0.381341044	2.07663	0.066843083
1803	AGI_HUM1_OLIGO_A_23_P140748	<u>NDRG4 NDRG family member 4 NM_020465 </u>	2.891578927	1.526644444	0.527962225	3.01510	0.066843083
2112	AGI_HUM1_OLIGO_A_23_P147641	<u>TCEA2 Transcription elongation factor A (SII), 2 NM_003195 </u>	2.88976164	1.361111111	0.471139613	2.64079	0.066843083
5438	AGI_HUM1_OLIGO_A_23_P320684	<u>VPS41 Vacuolar protein sorting 41 (yeast) NM_080631 </u>	2.888680961	1.187088889	0.410944962	2.31207	0.066843083
12627	AGI_HUM1_OLIGO_A_24_P333901	<u> NM_024547 </u>	2.878070298	1.103777778	0.38351314	2.18138	0.066843083
4866	AGI_HUM1_OLIGO_A_23_P259490	<u>MXD4 MAX dimerization protein 4 AF040963 </u>	2.877108087	1.246666667	0.433305468	2.47710	0.066843083
14852	AGI_HUM1_OLIGO_A_24_P827037	<u>LRRC15 Leucine rich repeat containing 15 AK022342 </u>	2.865807671	3.103111111	1.082805082	10.40385	0.066843083
6754	AGI_HUM1_OLIGO_A_23_P401380	<u>KIAA1463 KIAA1463 protein AB040896 </u>	2.854769939	1.271111111	0.445258686	2.59282	0.066843083

9900 AGI_HUM1_OLIGO_A_24_P102283	<u>ZFH1B Zinc finger homeobox 1b AK098835 </u>	2.854687293	1.330755556	0.466165089	2.76824	0.066843083
4365 AGI_HUM1_OLIGO_A_23_P23194	<u>PINK1 PTEN induced putative kinase 1 NM_032409 </u>	2.842104325	1.228222222	0.432152406	2.25227	0.066843083
5124 AGI_HUM1_OLIGO_A_23_P302005	<u>SBLF TFIIA-alpha/beta-like factor NM_006873 </u>	2.828925809	2.478711111	0.876202233	4.55485	0.066843083
1322 AGI_HUM1_OLIGO_A_23_P129896	<u>ALDH3A2 Aldehyde dehydrogenase 3 family, member A2 BC002430 </u>	2.827850289	1.563266667	0.552810972	3.03177	0.066843083
15712 AGI_HUM1_OLIGO_A_32_P11230	<u> XM_295164 </u>	2.825728478	1.114444444	0.394391907	2.24588	0.066843083
2990 AGI_HUM1_OLIGO_A_23_P16648	<u>PCSK4 Proprotein convertase subtilisin/kexin type 4 NM_017573 </u>	2.82272831	1.228	0.435040098	2.42265	0.066843083
8375 AGI_HUM1_OLIGO_A_23_P65678	<u>FBN1 Fibrillin 1 (Marfan syndrome) NM_000138 </u>	2.812048809	2.375555556	0.844777748	6.00413	0.066843083
1323 AGI_HUM1_OLIGO_A_23_P129903	<u>TRIM16 Tripartite motif-containing 16 NM_006470 </u>	2.806021823	1.899333333	0.676877606	3.95169	0.066843083
10106 AGI_HUM1_OLIGO_A_24_P119141	<u> ENST00000333442 </u>	2.801185865	1.284066667	0.458401095	2.42871	0.066843083
11102 AGI_HUM1_OLIGO_A_24_P204244	<u> ENST00000326041 </u>	2.79144648	1.708	0.611869155	2.83818	0.066843083
9498 AGI_HUM1_OLIGO_A_23_P91221	<u>PKIG Protein kinase (cAMP-dependent, catalytic) inhibitor gamma NM_181805 </u>	2.789830061	1.370222222	0.491148992	2.59412	0.066843083
6671 AGI_HUM1_OLIGO_A_23_P396765	<u>PGM2L1 Phosphoglucomutase 2-like 1 AK056591 </u>	2.788602415	1.2956	0.464605493	2.61419	0.066843083
10052 AGI_HUM1_OLIGO_A_24_P116242	<u>KLHDC2 Kelch domain containing 2 NM_014315 </u>	2.788291592	1.117333333	0.400723273	2.11135	0.066843083
769 AGI_HUM1_OLIGO_A_23_P117582	<u>JDP2 Jun dimerization protein 2 NM_130469 </u>	2.785251821	1.518222222	0.545093341	2.58479	0.066843083
13350 AGI_HUM1_OLIGO_A_24_P396231	<u> CDNA clone IMAGE:4797120, partial cds BC040653 </u>	2.77829996	1.269977778	0.457106071	2.34943	0.066843083
16877 AGI_HUM1_OLIGO_A_32_P222664	<u>C6orf133 Chromosome 6 open reading frame 133 AB002347 </u>	2.775578123	1.010222222	0.363968218	2.01842	0.066843083
9223 AGI_HUM1_OLIGO_A_23_P85180	<u>CXorf12 Chromosome X open reading frame 12 NM_003492 </u>	2.774410904	1.175555556	0.423713573	2.22810	0.066843083
7744 AGI_HUM1_OLIGO_A_23_P81339	<u>DNAJB4 DnaJ (Hsp40) homolog, subfamily B, member 4 NM_007034 </u>	2.771576309	1.9758	0.712879524	3.93447	0.066843083
14866 AGI_HUM1_OLIGO_A_24_P83102	<u>IGLL1 Immunoglobulin lambda-like polypeptide 1 NM_020070 </u>	2.77007067	1.123777778	0.405685599	2.26416	0.066843083
10934 AGI_HUM1_OLIGO_A_24_P191067	<u>CLSTN1 Calsyntenin 1 NM_014944 </u>	2.769381074	1.081333333	0.390460289	2.10234	0.066843083
2077 AGI_HUM1_OLIGO_A_23_P146654	<u>BAG1 BCL2-associated athanogene NM_004323 </u>	2.76916674	1.093555556	0.394904193	2.16295	0.066843083
17800 AGI_HUM1_OLIGO_A_32_P89310	<u> BC042862 </u>	2.768914963	1.026444444	0.370702769	2.04284	0.066843083
2119 AGI_HUM1_OLIGO_A_23_P147874	<u>MGC3234 Hypothetical protein MGC3234 AK075413 </u>	2.76335648	1.091777778	0.395091182	2.11001	0.066843083
15429 AGI_HUM1_OLIGO_A_24_P940725	<u>C6orf111 Chromosome 6 open reading frame 111 AL080186 </u>	2.761810365	1.196444444	0.433210209	2.25574	0.066843083
499 AGI_HUM1_OLIGO_A_23_P110941	<u>GSTA4 Glutathione S-transferase A4 NM_001512 </u>	2.760461083	1.488	0.539040383	2.63812	0.066843083
14742 AGI_HUM1_OLIGO_A_24_P78590	<u>ELF1 E74-like factor 1 (ets domain transcription factor) NM_172373 </u>	2.757099649	1.1798	0.427913442	2.33640	0.066843083
12186 AGI_HUM1_OLIGO_A_24_P298077	<u>ANKRD10 Ankyrin repeat domain 10 BC001727 </u>	2.756660445	1.286444444	0.46666772	2.61370	0.066843083
7352 AGI_HUM1_OLIGO_A_23_P44569	<u>ABCC2 ATP-binding cassette, sub-family C (CFTR/MRP), member 2 U49248 </u>	2.751770102	1.176	0.427361283	2.24611	0.124252964
9791 AGI_HUM1_OLIGO_A_23_P98402	<u>SIDT2 SID1 transmembrane family, member 2 NM_015996 </u>	2.749734404	1.7	0.618241528	2.79723	0.124252964
1194 AGI_HUM1_OLIGO_A_23_P127128	<u>DNAJC1 DnaJ (Hsp40) homolog, subfamily C, member 1 NM_022365 </u>	2.749678501	1.252	0.455325959	2.63359	0.124252964
9122 AGI_HUM1_OLIGO_A_23_P82449	<u>DFNA5 Deafness, autosomal dominant 5 NM_004403 </u>	2.74807001	1.148666667	0.417990321	2.25384	0.124252964
11700 AGI_HUM1_OLIGO_A_24_P254278	<u>SLC23A2 Solute carrier family 23 (nucleobase transporters), member 2 D87075 </u>	2.747974516	1.287777778	0.468627991	2.55942	0.124252964
10232 AGI_HUM1_OLIGO_A_24_P129232	<u>TDE2 Tumor differentially expressed 2 NM_020755 </u>	2.745898022	1.100888889	0.400921258	2.06468	0.124252964
15529 AGI_HUM1_OLIGO_A_24_P97145	<u>KIDINS220 Likely homolog of rat kinase D-interacting substance of 220 kDa AB033076 </u>	2.742189646	1.157555556	0.422128191	2.21590	0.124252964
3001 AGI_HUM1_OLIGO_A_23_P166686	<u>AMOTL2 Angiomotin like 2 NM_016201 </u>	2.739892323	1.889555556	0.689645918	2.82846	0.124252964
175 AGI_HUM1_OLIGO_A_23_P10374	<u> NM_014925 </u>	2.73975701	1.154444444	0.421367457	2.33908	0.124252964
3598 AGI_HUM1_OLIGO_A_23_P205499	<u>LRP10 Low density lipoprotein receptor-related protein 10 NM_014045 </u>	2.739352929	1.142222222	0.416967894	2.18867	0.124252964
1225 AGI_HUM1_OLIGO_A_23_P127964	<u>PRCP Prolylcarboxypeptidase (angiotensinase C) BC001500 </u>	2.734910032	1.030888889	0.376937039	2.05580	0.124252964
13426 AGI_HUM1_OLIGO_A_24_P40165	<u>PIGT Phosphatidylinositol glycan, class T NM_015937 </u>	2.733780926	1.256888889	0.459762111	2.45056	0.124252964
10507 AGI_HUM1_OLIGO_A_24_P154037	<u>IRS2 Insulin receptor substrate 2 AF073310 </u>	2.733267616	1.324888889	0.484727101	2.59689	0.124252964
8851 AGI_HUM1_OLIGO_A_23_P76658	<u>CG018 Hypothetical gene CG018 NM_052818 </u>	2.723315941	1.658622222	0.609045097	3.11586	0.124252964
4109 AGI_HUM1_OLIGO_A_23_P215419	<u>ICA1 Islet cell autoantigen 1, 69kDa NM_004968 </u>	2.721091443	1.361777778	0.50045278	2.65590	0.124252964
839 AGI_HUM1_OLIGO_A_23_P118722	<u>ASGR1 Asialoglycoprotein receptor 1 NM_001671 </u>	2.72002975	1.355333333	0.498278864	2.64661	0.124252964
17233 AGI_HUM1_OLIGO_A_32_P41035	<u> Hypothetical gene supported by AK097404; NM_198284 AK092942 </u>	2.718644526	1.059333333	0.389654963	2.09791	0.124252964
8392 AGI_HUM1_OLIGO_A_23_P66017	<u>LOC112476 Similar to lymphocyte antigen 6 complex, locus G5B; G5b protein; open reading frame 31 </u>	2.710551904	1.154555556	0.425948514	2.23600	0.124252964
7114 AGI_HUM1_OLIGO_A_23_P423695	<u>MXD4 MAX dimerization protein 4 BC002713 </u>	2.707090709	1.727822222	0.638257971	3.12218	0.124252964
11648 AGI_HUM1_OLIGO_A_24_P249824	<u>DYRK2 Dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 NM_006482 </u>	2.706763777	0.976444444	0.360742394	2.00101	0.124252964
755 AGI_HUM1_OLIGO_A_23_P117346	<u>WDR22 WD repeat domain 22 AL834533 </u>	2.703495909	1.170222222	0.432855185	2.14110	0.124252964
10504 AGI_HUM1_OLIGO_A_24_P153880	<u>LOC374676 Similar to golgi autoantigen, golgin subfamily a, 2; SY11 protein BC041854 </u>	2.703103612	1.116044444	0.4128752	2.14779	0.124252964
14903 AGI_HUM1_OLIGO_A_24_P84130	<u>NRP2 Neuropilin 2 AK024680 </u>	2.702998599	1.349844444	0.499387771	2.62323	0.124252964
4129 AGI_HUM1_OLIGO_A_23_P215787	<u>HBP1 HMG-box transcription factor 1 NM_012257 </u>	2.700777771	1.261777778	0.467190522	2.23308	0.124252964
5764 AGI_HUM1_OLIGO_A_23_P34396	<u>NPD014 NPD014 protein NM_020317 </u>	2.698129137	1.196733333	0.443541903	2.44379	0.124252964
10745 AGI_HUM1_OLIGO_A_24_P174613	<u>FBXW7 F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila) AY008274 </u>	2.697961363	1.265777778	0.469160825	2.60323	0.124252964

2912 AGI_HUM1_OLIGO_A_23_P165061	AES Amino-terminal enhancer of split AK095154 	2.695836449	1.356888889	0.5033276	2.51853	0.124252964
12152 AGI_HUM1_OLIGO_A_24_P295050	KLHL7 Kelch-like 7 (Drosophila) NM_018846 	2.691671158	1.133288889	0.421035417	2.15145	0.124252964
9225 AGI_HUM1_OLIGO_A_23_P85201	PLP1 Proteolipid protein 1 (Pelizaeus-Merzbacher disease, spastic paraplegia 2, uncomplicated) NM_000000003 	2.690784773	1.474888889	0.548125924	2.68268	0.124252964
6595 AGI_HUM1_OLIGO_A_23_P392126	LOC201229 Hypothetical protein LOC201229 BC018092 	2.690310795	1.479777778	0.550039713	2.71771	0.124252964
9140 AGI_HUM1_OLIGO_A_23_P82929	NOV Nephroblastoma overexpressed gene NM_002514 	2.689530945	2.186377778	0.812921592	4.21603	0.124252964
4392 AGI_HUM1_OLIGO_A_23_P23855	MGC3200 Hypothetical protein LOC284615 NM_032305 	2.689115986	0.977777778	0.363605654	2.01444	0.124252964
12540 AGI_HUM1_OLIGO_A_24_P32715	 ENST00000313481 	2.685013883	1.478	0.550462703	3.09660	0.124252964
2030 AGI_HUM1_OLIGO_A_23_P145584	UBE2H Ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast) Z29328 	2.679433235	1.08	0.403070316	2.15150	0.124252964
5731 AGI_HUM1_OLIGO_A_23_P341392	MGC32124 Hypothetical protein MGC32124 NM_144611 	2.660010672	1.216222222	0.457224565	2.27540	0.124252964
19 AGI_HUM1_OLIGO_A_23_P100420	ZCCHC14 Zinc finger, CCHC domain containing 14 NM_015144 	2.659945921	1.012888889	0.380793038	2.11312	0.124252964
9556 AGI_HUM1_OLIGO_A_23_P92490	DHRS6 Dehydrogenase/reductase (SDR family) member 6 NM_020139 	2.656461404	1.135555556	0.427469247	2.15930	0.124252964
900 AGI_HUM1_OLIGO_A_23_P12010	CGI-41 CGI-41 protein NM_015997 	2.65462468	1.066444444	0.40173078	2.05187	0.124252964
4832 AGI_HUM1_OLIGO_A_23_P258698	MANBA Mannosidase, beta A, lysosomal NM_005908 	2.651341844	1.361644444	0.513568044	2.89150	0.144780882
14779 AGI_HUM1_OLIGO_A_24_P79808	PBXIP1 Pre-B-cell leukemia transcription factor interacting protein 1 NM_020524 	2.648082373	1.415711111	0.534617475	2.62941	0.144780882
701 AGI_HUM1_OLIGO_A_23_P115919	PHYH Phytanoyl-CoA hydroxylase (Refsum disease) NM_006214 	2.646133092	1.208222222	0.456599188	2.37964	0.144780882
6186 AGI_HUM1_OLIGO_A_23_P367816	LOC92017 Similar to RIKEN cDNA 4933437K13 AK024473 	2.645383887	1.082888889	0.409350376	2.05447	0.144780882
10188 AGI_HUM1_OLIGO_A_24_P126691	 ENST00000305721 	2.645188388	1.388444444	0.524894352	2.91386	0.144780882
287 AGI_HUM1_OLIGO_A_23_P106371	 Similar to Golgi autoantigen, golgin subfamily A member 6 (Golgin linked to PML) (Golgin-like protein) 	2.64026947	1.020177778	0.385842428	2.11273	0.144780882
7820 AGI_HUM1_OLIGO_A_23_P53137	HBG2 Hemoglobin, gamma G X55656 	2.640837236	1.540222222	0.583232545	2.92098	0.144780882
12778 AGI_HUM1_OLIGO_A_24_P346431	TENS1 Tensin-like SH2 domain containing 1 NM_022748 	2.628083122	1.854444444	0.705626252	3.62023	0.144780882
6783 AGI_HUM1_OLIGO_A_23_P403398	 NM_152747 	2.627908099	1.020666667	0.388395114	2.08202	0.144780882
17394 AGI_HUM1_OLIGO_A_32_P52609	LPIN1 Lipin 1 NM_145693 	2.627358182	1.571111111	0.597981319	3.36573	0.144780882
11465 AGI_HUM1_OLIGO_A_24_P235429	ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1 NM_005502 	2.626362857	2.203088889	0.838836447	3.51704	0.144780882
16181 AGI_HUM1_OLIGO_A_32_P156746	 I_3590702 	2.625699978	1.1694	0.445366987	2.11251	0.144780882
9007 AGI_HUM1_OLIGO_A_23_P79622	FKBP7 FK506 binding protein 7 NM_016105 	2.621449864	1.070666667	0.408425384	2.02612	0.144780882
5464 AGI_HUM1_OLIGO_A_23_P3221	SQORDL Sulfide quinone reductase-like (yeast) NM_021199 	2.613266573	1.328	0.508176247	2.61775	0.144780882
884 AGI_HUM1_OLIGO_A_23_P119794	 I_928492 	2.611358575	1.109333333	0.424810803	2.14583	0.144780882
14084 AGI_HUM1_OLIGO_A_24_P571937	 XM_292129 	2.606468459	1.748666667	0.670895004	4.49461	0.144780882
16212 AGI_HUM1_OLIGO_A_32_P159651	PCAF P300/CBP-associated factor AL832173 	2.605321994	1.517555556	0.582482917	2.82703	0.144780882
15455 AGI_HUM1_OLIGO_A_24_P942068	DKFZP564D166 Putative ankyrin-repeat containing protein AB032974 	2.605265263	1.07	0.410706739	2.23911	0.144780882
5223 AGI_HUM1_OLIGO_A_23_P309261	AKAP9 A kinase (PRKA) anchor protein (yotiao) 9 NM_147171 	2.603146228	1.292222222	0.49640785	2.75544	0.144780882
12780 AGI_HUM1_OLIGO_A_24_P346644	PPP2R2A Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform AL05020 	2.602830676	1.149288889	0.441553459	2.23435	0.144780882
270 AGI_HUM1_OLIGO_A_23_P106016	PRKD1 Protein kinase D1 NM_002742 	2.602790987	1.671311111	0.642122675	3.15871	0.144780882
16446 AGI_HUM1_OLIGO_A_32_P18258	 I_1151825 	2.601859591	1.082888889	0.41619805	2.17224	0.144780882
16116 AGI_HUM1_OLIGO_A_32_P150449	THRAP2 Thyroid hormone receptor associated protein 2 BX485389 	2.601575307	1.270222222	0.488251183	2.38141	0.144780882
5766 AGI_HUM1_OLIGO_A_23_P34402	NCSTN Nicastrin NM_015331 	2.596958635	1.115777778	0.429647882	2.09734	0.144780882
8808 AGI_HUM1_OLIGO_A_23_P75516	PPFIA1 Protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (fliprin), ;	2.592219218	1.274066667	0.491496498	2.58349	0.144780882
6819 AGI_HUM1_OLIGO_A_23_P405707	BCOR BCL6 co-repressor NM_020926 	2.591337862	1.202444444	0.464024573	2.39647	0.144780882
7055 AGI_HUM1_OLIGO_A_23_P420442	SEMA6D Sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D NM_000000000 	2.590751491	1.609422222	0.621218294	2.66246	0.144780882
35 AGI_HUM1_OLIGO_A_23_P100711	PMP22 Peripheral myelin protein 22 NM_000304 	2.589344663	1.786222222	0.689835636	3.44305	0.144780882
17078 AGI_HUM1_OLIGO_A_32_P30004	 Full length insert cDNA clone YX74D05 AF086044 	2.588839651	1.909777778	0.737696434	3.85507	0.144780882
11683 AGI_HUM1_OLIGO_A_24_P252718	EPC1 Enhancer of polycomb homolog 1 (Drosophila) BC036529 	2.586409915	0.978777778	0.378431034	2.01372	0.144780882
7502 AGI_HUM1_OLIGO_A_23_P48070	ING4 Inhibitor of growth family, member 4 NM_016162 	2.581437689	0.972666667	0.376792619	2.04371	0.144780882
1829 AGI_HUM1_OLIGO_A_23_P141362	FZD2 Frizzled homolog 2 (Drosophila) NM_001466 	2.579506221	1.247111111	0.483468929	2.20534	0.144780882
4918 AGI_HUM1_OLIGO_A_23_P26704	ET Hypothetical protein ET AK000233 	2.578908391	1.092	0.423434971	2.29050	0.144780882
3663 AGI_HUM1_OLIGO_A_23_P206526	CDA08 T-cell immunomodulatory protein AF503339 	2.577803469	1.134533333	0.440116303	2.11914	0.144780882
8014 AGI_HUM1_OLIGO_A_23_P57393	 I_1110028 	2.576301396	1.062666667	0.412477619	2.06029	0.144780882
6778 AGI_HUM1_OLIGO_A_23_P402899	MGC19764 Hypothetical protein MGC19764 NM_144975 	2.575582706	1.188844444	0.46158271	2.17949	0.144780882
11789 AGI_HUM1_OLIGO_A_24_P262201	SULT1A3 Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 NM_003166 	2.572824968	1.107777778	0.430568652	2.26499	0.144780882
14860 AGI_HUM1_OLIGO_A_24_P829261	MALAT1 Metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) BC018448 	2.569488859	2.482444444	0.966123841	6.08481	0.144780882
14358 AGI_HUM1_OLIGO_A_24_P666340	 THC1562475 	2.569403878	1.342911111	0.522654738	2.75284	0.144780882
15420 AGI_HUM1_OLIGO_A_24_P94034	USP22 Ubiquitin specific protease 22 AL162082 	2.569063638	1.097688889	0.427271973	2.08811	0.144780882
13555 AGI_HUM1_OLIGO_A_24_P41079	FLJ35171 FLJ35171 protein AK092490 	2.565355252	1.096222222	0.427317901	2.02519	0.16285757

1633	AGI_HUM1_OLIGO_A_23_P136978	SRPX2 Sushi-repeat-containing protein, X-linked 2 NM_014467	2.563124009	1.7398	0.678781048	3.23253	0.16285757
9944	AGI_HUM1_OLIGO_A_24_P10657	CTL2 CTL2 gene NM_020428	2.559833807	1.385555556	0.541267777	2.40584	0.16285757
11382	AGI_HUM1_OLIGO_A_24_P228027	MGC32124 Hypothetical protein MGC32124 NM_144611	2.556447744	1.025777778	0.401251221	2.00575	0.16285757
12006	AGI_HUM1_OLIGO_A_24_P281683	ENST00000331825	2.555812449	1.083555556	0.423957382	2.24118	0.16285757
8491	AGI_HUM1_OLIGO_A_23_P68759	TFF1 Trefoil factor 1 (breast cancer, estrogen-inducible sequence expressed in) NM_003225	2.553770924	1.266888889	0.496085554	2.72172	0.16285757
9804	AGI_HUM1_OLIGO_A_23_P98900	FLJ22471 Limkin beta 2 NM_025140	2.551135985	1.110222222	0.435187394	2.13668	0.16285757
4587	AGI_HUM1_OLIGO_A_23_P253052	CD99L2 CD99 antigen-like 2 NM_031462	2.550820576	1.206222222	0.472876154	2.20106	0.16285757
14109	AGI_HUM1_OLIGO_A_24_P57977	SNIP SNAP25-interacting protein AB051471	2.546550752	1.954622222	0.767556751	6.01827	0.16285757
14828	AGI_HUM1_OLIGO_A_24_P81740	TALDO1 Transaldolase 1 NM_006755	2.546179288	1.208888889	0.474785454	2.42869	0.16285757
6917	AGI_HUM1_OLIGO_A_23_P41227	ALCAM Activated leukocyte cell adhesion molecule NM_001627	2.544230746	1.238022222	0.48659982	2.19688	0.16285757
5250	AGI_HUM1_OLIGO_A_23_P31064	MOXD1 Monooxygenase, DBH-like 1 NM_015529	2.543138803	1.435333333	0.564394414	2.86074	0.16285757
16091	AGI_HUM1_OLIGO_A_32_P148345	NR_001446	2.542621117	1.210222222	0.475974267	2.37766	0.16285757
7824	AGI_HUM1_OLIGO_A_23_P53193	SYTL2 Synaptotagmin-like 2 NM_032943	2.542433211	1.518444444	0.597240643	2.99008	0.16285757
6563	AGI_HUM1_OLIGO_A_23_P390172	RNASEL Ribonuclease L (2',5'-oligoadenylate synthetase-dependent) NM_021133	2.536162365	1.139533333	0.44931403	2.34174	0.16285757
13224	AGI_HUM1_OLIGO_A_24_P384954	OKI Quaking homolog, KH domain RNA binding (mouse) AK027309	2.531788101	1.172755556	0.463212366	2.18491	0.16285757
6208	AGI_HUM1_OLIGO_A_23_P368934	KIAA1545 KIAA1545 protein AB046765	2.531555191	1.077555556	0.425649136	2.08491	0.16285757
17789	AGI_HUM1_OLIGO_A_32_P88349	THC1551427	2.530078708	1.140888889	0.450930196	2.06278	0.16285757
2840	AGI_HUM1_OLIGO_A_23_P163467	I_958949	2.528930368	1.551777778	0.613610322	2.91526	0.16285757
4314	AGI_HUM1_OLIGO_A_23_P219084	ZNF3 Zinc finger protein 3 (A8-51) NM_032924	2.52515161	1.213088889	0.480402398	2.26980	0.16285757
3559	AGI_HUM1_OLIGO_A_23_P204640	NANOG Nanog homeobox NM_024865	2.52438712	1.562666667	0.619028141	2.91581	0.16285757
3555	AGI_HUM1_OLIGO_A_23_P204581	TXNRD1 Thioredoxin reductase 1 S79851	2.522263111	1.328222222	0.526599393	2.38561	0.16285757
3311	AGI_HUM1_OLIGO_A_23_P200073	HT014 HT014 NM_020362	2.521003178	1.556888889	0.617567206	2.93609	0.16285757
1785	AGI_HUM1_OLIGO_A_23_P140405	CHES1 Checkpoint suppressor 1 NM_005197	2.515938644	1.590888889	0.632324199	2.84836	0.16285757
2179	AGI_HUM1_OLIGO_A_23_P149153	PDE4DIP Phosphodiesterase 4D interacting protein (myomegalin) NM_022359	2.512250709	1.551888889	0.617728511	2.85162	0.16285757
15941	AGI_HUM1_OLIGO_A_32_P134167	I_3581056	2.509650895	1.037311111	0.413328847	2.04499	0.16285757
17858	AGI_HUM1_OLIGO_A_32_P94798	ANXA2 Annexin A2 NM_004039	2.507226023	1.440888889	0.574694453	2.51825	0.16285757
1130	AGI_HUM1_OLIGO_A_23_P125423	C1R Complement component 1, r subcomponent NM_001733	2.506799479	1.418222222	0.565750166	2.66158	0.16285757
2532	AGI_HUM1_OLIGO_A_23_P156284	DBN1 Drebrin 1 NM_080881	2.49706718	1.102222222	0.441406715	2.21701	0.16285757
2342	AGI_HUM1_OLIGO_A_23_P152505	ABAT 4-aminobutyrate aminotransferase NM_020686	2.49699278	1.938	0.776133602	3.97987	0.16285757
897	AGI_HUM1_OLIGO_A_23_P120048	BAZ2B Bromodomain adjacent to zinc finger domain, 2B NM_013450	2.496683046	1.060377778	0.424714615	2.05188	0.16285757
9583	AGI_HUM1_OLIGO_A_23_P93032	ZBED3 Zinc finger, BED domain containing 3 NM_032367	2.496355592	1.510222222	0.604970793	2.64684	0.16285757
11716	AGI_HUM1_OLIGO_A_24_P255543	TRIO Triple functional domain (PTPRF interacting) AL390214	2.495799252	1.662	0.665918943	3.69264	0.16285757
269	AGI_HUM1_OLIGO_A_23_P106002	NFKBIA Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha NM_02052	2.494953578	1.515333333	0.60735933	3.05791	0.16285757
11474	AGI_HUM1_OLIGO_A_24_P236445	DNCL12 Dynein, cytoplasmic, light intermediate polypeptide 2 AK098365	2.494349114	1.137777778	0.456142154	2.10155	0.16285757
16289	AGI_HUM1_OLIGO_A_32_P166356	THC1527278	2.491227285	0.998888889	0.400962568	2.09092	0.16285757
1886	AGI_HUM1_OLIGO_A_23_P142506	GADD45B Growth arrest and DNA-damage-inducible, beta NM_015675	2.485834526	1.198866667	0.482279353	2.48517	0.16285757
14529	AGI_HUM1_OLIGO_A_24_P71700	KIAA1190 Hypothetical protein KIAA1190 AB033016	2.484507772	1.357333333	0.546318811	2.57860	0.16285757
10711	AGI_HUM1_OLIGO_A_24_P170763	KIAA0323 KIAA0323 AB002321	2.483331921	1.060222222	0.426935366	2.00623	0.16285757
16818	AGI_HUM1_OLIGO_A_32_P218493	THC1530463	2.483296711	1.183111111	0.476427608	2.53537	0.16285757
12039	AGI_HUM1_OLIGO_A_24_P28578	EPS15 Epidermal growth factor receptor pathway substrate 15 NM_001981	2.482448304	1.0648	0.428931389	2.29761	0.16285757
14306	AGI_HUM1_OLIGO_A_24_P649327	Similar to hect domain and RLD 2 BC012949	2.482083682	1.045422222	0.421187339	2.22707	0.16285757
4765	AGI_HUM1_OLIGO_A_23_P257201	RNF146 Ring finger protein 146 NM_030963	2.479170808	1.328311111	0.535788461	2.37737	0.230308116
15695	AGI_HUM1_OLIGO_A_32_P110751	EIF4A2 Eukaryotic translation initiation factor 4A, isoform 2 BC012547	2.478986707	1.105333333	0.445881105	2.12700	0.230308116
8016	AGI_HUM1_OLIGO_A_23_P57417	MMP11 Matrix metalloproteinase 11 (stromelysin 3) NM_005940	2.47853485	1.914422222	0.772400768	4.15121	0.230308116
1123	AGI_HUM1_OLIGO_A_23_P125233	CNN1 Calponin 1, basic, smooth muscle BC022015	2.47388522	2.200222222	0.889379267	8.79966	0.230308116
17498	AGI_HUM1_OLIGO_A_32_P62769	AK091784	2.472841354	1.241555556	0.502076509	2.28715	0.230308116
4975	AGI_HUM1_OLIGO_A_23_P27613	MAN2B1 Mannosidase, alpha, class 2B, member 1 NM_000528	2.468741114	1.067777778	0.432519138	2.01074	0.230308116
10243	AGI_HUM1_OLIGO_A_24_P131522	ANTXR1 Anthrax toxin receptor 1 NM_032208	2.468061005	1.374888889	0.55707249	2.26290	0.230308116
6623	AGI_HUM1_OLIGO_A_23_P393645	ADAMTS13 A disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 1	2.466377397	1.233488889	0.500121713	2.67130	0.230308116
4660	AGI_HUM1_OLIGO_A_23_P254863	MGC42105 Hypothetical protein MGC42105 NM_153361	2.464689137	1.994511111	0.80923435	3.19741	0.230308116
16723	AGI_HUM1_OLIGO_A_32_P208076	THC1469536	2.463649779	1.6	0.649442958	3.09305	0.230308116
10058	AGI_HUM1_OLIGO_A_24_P116766	ZNF207 Zinc finger protein 207 AL834501	2.45805862	0.989822222	0.402684547	2.00537	0.230308116
16200	AGI_HUM1_OLIGO_A_32_P158723	THC1470583	2.456468626	1.620088889	0.659519471	3.10440	0.230308116

5634 AGI_HUM1_OLIGO_A_23_P334870	<u>C6orf128 Chromosome 6 open reading frame 128 BC029657 </u>	2.452913587	2.010444444	0.819614868	4.88317	0.230308116
11189 AGI_HUM1_OLIGO_A_24_P211565	<u>C1QTNF6 C1q and tumor necrosis factor related protein 6 NM_031910 </u>	2.446077057	1.597555556	0.653109251	2.95185	0.230308116
6641 AGI_HUM1_OLIGO_A_23_P359015	<u>BHC80 BRAF35/HDAC2 complex (80 kDa) NM_016621 </u>	2.443178991	1.083777778	0.443593278	2.16140	0.230308116
10449 AGI_HUM1_OLIGO_A_24_P149844	<u>ABI1 Abl-interactor 1 NM_005470 </u>	2.437491936	1.176888889	0.482827808	2.20333	0.230308116
3980 AGI_HUM1_OLIGO_A_23_P212728	<u>FLJ11046 Hypothetical protein FLJ11046 AK001750 </u>	2.433832086	1.008	0.414161686	2.07181	0.230308116
5234 AGI_HUM1_OLIGO_A_23_P309989	<u>KIAA0831 KIAA0831 NM_014924 </u>	2.433342756	1.057844444	0.43472891	2.14988	0.230308116
8676 AGI_HUM1_OLIGO_A_23_P72550	<u>ULK1 Unc-51-like kinase 1 (C. elegans) NM_003565 </u>	2.432782618	1.064888889	0.437724637	2.19875	0.230308116
15484 AGI_HUM1_OLIGO_A_24_P943792	<u>CD47 CD47 antigen (Rh-related antigen, integrin-associated signal transducer) BC037306 </u>	2.431456904	1.394222222	0.573410213	2.98335	0.230308116
6063 AGI_HUM1_OLIGO_A_23_P35995	<u>ASAM Adipocyte-specific adhesion molecule NM_024769 </u>	2.422586525	1.108222222	0.457454135	2.17170	0.230308116
10434 AGI_HUM1_OLIGO_A_24_P148261	<u>TGFB2 Transforming growth factor, beta 2 AK021874 </u>	2.419635347	2.656444444	1.097869746	7.41988	0.230308116
16144 AGI_HUM1_OLIGO_A_32_P152437	<u>AKAP12 A kinase (PRKA) anchor protein (gravin) 12 BC033829 </u>	2.418366738	1.831777778	0.757444166	4.22607	0.230308116
15870 AGI_HUM1_OLIGO_A_32_P12703	<u> A_32_BS12703 </u>	2.416718428	1.435977778	0.594184975	2.73616	0.230308116
8004 AGI_HUM1_OLIGO_A_23_P57199	<u>GGTLA4 Gamma-glutamyltransferase-like activity 4 NM_080920 </u>	2.416050686	1.347333333	0.557659382	3.08790	0.230308116
15464 AGI_HUM1_OLIGO_A_24_P942481	<u>ITR Intimal thickness-related receptor NM_180989 </u>	2.413482106	1.1166	0.462651037	2.46013	0.230308116
2838 AGI_HUM1_OLIGO_A_23_P163440	<u> AB095929 </u>	2.412772682	2.130133333	0.882857034	5.73414	0.230308116
12016 AGI_HUM1_OLIGO_A_24_P282343	<u>CDKL5 Cyclin-dependent kinase-like 5 NM_003159 </u>	2.41260283	1.119844444	0.464164441	2.06215	0.230308116
2827 AGI_HUM1_OLIGO_A_23_P163148	<u>C14orf133 Chromosome 14 open reading frame 133 NM_022067 </u>	2.405619421	1.013111111	0.421143553	2.00117	0.294249186
5140 AGI_HUM1_OLIGO_A_32_P302914	<u>ZFYVE28 Zinc finger, FYVE domain containing 28 AB046863 </u>	2.404248386	1.398	0.581470703	2.54262	0.294249186
8036 AGI_HUM1_OLIGO_A_23_P57941	<u>RBM6 RNA binding motif protein 6 NM_005777 </u>	2.403950015	1.038444444	0.431974225	2.24682	0.294249186
6406 AGI_HUM1_OLIGO_A_23_P380526	<u>DPPA4 Developmental pluripotency associated 4 NM_018189 </u>	2.403497658	1.529111111	0.636202455	2.73390	0.294249186
17815 AGI_HUM1_OLIGO_A_32_P90483	<u> THC1584733 </u>	2.402333952	1.264022222	0.526164242	2.59363	0.294249186
10487 AGI_HUM1_OLIGO_A_24_P152983	<u> ENST00000328931 </u>	2.402032886	1.108888889	0.461646006	2.35222	0.294249186
2087 AGI_HUM1_OLIGO_A_23_P146943	<u>ATP1B1 ATPase, Na+/K+ transporting, beta 1 polypeptide NM_001677 </u>	2.392715867	1.541777778	0.644363085	2.37917	0.294249186
8312 AGI_HUM1_OLIGO_A_23_P64129	<u>HTATIP2 HIV-1 Tat interactive protein 2, 30kDa NM_006410 </u>	2.388282279	1.201777778	0.503197544	2.31776	0.294249186
13695 AGI_HUM1_OLIGO_A_24_P42603	<u>TRIO Triple functional domain (PTPRF interacting) BC035585 </u>	2.384906731	1.6976	0.711809807	4.07989	0.294249186
8473 AGI_HUM1_OLIGO_A_23_P68198	<u>SH3YL1 SH3 domain containing, Ysc84-like 1 (S. cerevisiae) NM_015677 </u>	2.38487849	1.0522	0.441196482	2.07623	0.294249186
15401 AGI_HUM1_OLIGO_A_24_P938006	<u> A_24_BS938006 </u>	2.383736873	1.317977778	0.552904053	2.63429	0.294249186
15784 AGI_HUM1_OLIGO_A_32_P117723	<u> Similar to nudix (nucleoside diphosphate linked moiety X)-type motif 4 isoform beta; diphosphoinositol p</u>	2.383390238	1.502177778	0.630269334	2.68506	0.294249186
7024 AGI_HUM1_OLIGO_A_23_P41888	<u>MGC15875 Hypothetical protein MGC15875 NM_032921 </u>	2.382996042	1.097822222	0.460689906	2.00381	0.294249186
17328 AGI_HUM1_OLIGO_A_32_P47701	<u> L41490 </u>	2.378808405	1.559555556	0.655603685	3.09050	0.294249186
13811 AGI_HUM1_OLIGO_A_24_P48078	<u>CYLD Cylindromatosis (turban tumor syndrome) AF161542 </u>	2.372173551	1.204666667	0.507832433	2.55666	0.294249186
5532 AGI_HUM1_OLIGO_A_23_P327370	<u> NM_031425 </u>	2.370022866	1.097555556	0.463099142	2.24122	0.294249186
17380 AGI_HUM1_OLIGO_A_32_P51518	<u> B1669614 </u>	2.368885741	0.992444444	0.4189499	2.02143	0.294249186
15296 AGI_HUM1_OLIGO_A_24_P928522	<u> AK025142 </u>	2.368335483	1.305488889	0.551226335	2.66240	0.294249186
3686 AGI_HUM1_OLIGO_A_23_P206981	<u>ZNF161 Zinc finger protein 161 NM_007146 </u>	2.366217383	1.141111111	0.482251174	2.21174	0.294249186
13719 AGI_HUM1_OLIGO_A_24_P452175	<u> XM_301933 </u>	2.363687417	1.358222222	0.574620067	2.96073	0.294249186
8838 AGI_HUM1_OLIGO_A_23_P76402	<u>FLJ21127 Hypothetical protein FLJ21127 NM_024549 </u>	2.362341102	1.041111111	0.440711593	2.03662	0.294249186
6268 AGI_HUM1_OLIGO_A_23_P372467	<u>AHSA2 AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast) NM_152392 </u>	2.359238282	1.077777778	0.456832947	2.11204	0.294249186
4606 AGI_HUM1_OLIGO_A_23_P25354	<u>P2RX7 Purinergic receptor P2X, ligand-gated ion channel, 7 Y09561 </u>	2.351307365	1.339666667	0.569753953	2.66900	0.294249186
15716 AGI_HUM1_OLIGO_A_32_P112546	<u> I_3343444 </u>	2.350633258	1.086888889	0.462381312	2.26348	0.294249186
10063 AGI_HUM1_OLIGO_A_24_P117294	<u>MX2 Myxovirus (influenza virus) resistance 2 (mouse) NM_002463 </u>	2.341751262	2.238777778	0.956027147	4.13190	0.294249186
2076 AGI_HUM1_OLIGO_A_23_P146644	<u>ANXA2 Annexin A2 NM_004039 </u>	2.339424486	1.384888889	0.591978453	2.71575	0.294249186
14522 AGI_HUM1_OLIGO_A_24_P714620	<u> XM_064025 </u>	2.338933885	1.586222222	0.678181727	3.96489	0.294249186
13547 AGI_HUM1_OLIGO_A_24_P410516	<u>LOC161527 Hypothetical protein LOC161527 AK097432 </u>	2.336737091	1.134	0.485292079	2.06857	0.294249186
15321 AGI_HUM1_OLIGO_A_24_P93052	<u> ENST00000327679 </u>	2.336090144	1.433333333	0.613560798	3.16219	0.294249186
4990 AGI_HUM1_OLIGO_A_23_P2793	<u>ALOX5AP Arachidonate 5-lipoxygenase-activating protein NM_001629 </u>	2.33532332	1.193822222	0.511202116	2.18039	0.294249186
10942 AGI_HUM1_OLIGO_A_24_P191971	<u>SAP30L Sin3A associated protein p30-like AK027248 </u>	2.334103682	1.030133333	0.441340006	2.05684	0.294249186
6817 AGI_HUM1_OLIGO_A_23_P40548	<u>YPEL1 Yippee-like 1 (Drosophila) NM_013313 </u>	2.329864326	1.254888889	0.538610285	2.38613	0.294249186
4838 AGI_HUM1_OLIGO_A_23_P258862	<u>PDCD4 Programmed cell death 4 (neoplastic transformation inhibitor) NM_145341 </u>	2.327427869	1.075555556	0.462121972	2.32778	0.35306215
16377 AGI_HUM1_OLIGO_A_32_P175098	<u> ENST00000328006 </u>	2.32590322	1.078	0.463475862	2.18014	0.35306215
7299 AGI_HUM1_OLIGO_A_23_P435390	<u> I_3344209 </u>	2.32551121	1.010888889	0.434695341	2.05726	0.35306215
8694 AGI_HUM1_OLIGO_A_23_P73097	<u>RGS20 Regulator of G-protein signalling 20 NM_003702 </u>	2.322744818	1.438288889	0.619219502	2.64211	0.35306215
10946 AGI_HUM1_OLIGO_A_24_P192262	<u>RALA V-ras simian leukemia viral oncogene homolog A (ras related) BC039858 </u>	2.321313183	1.138666667	0.490526946	2.23858	0.35306215

96	AGI_HUM1_OLIGO_A_23_P10211	<u>SLC2A13 Solute carrier family 2 (facilitated glucose transporter), member 13 NM_052885 </u>	2.319456305	1.128777778	0.486656194	2.42133	0.35306215
6445	AGI_HUM1_OLIGO_A_23_P38244	<u>APOH Apolipoprotein H (beta-2-glycoprotein I) NM_000042 </u>	2.319025193	1.336222222	0.576199959	2.55729	0.35306215
7574	AGI_HUM1_OLIGO_A_23_P49597	<u>PLSCR3 Phospholipid scramblase 3 NM_020360 </u>	2.317299856	1.058888889	0.456949448	2.08181	0.35306215
12693	AGI_HUM1_OLIGO_A_24_P340286	<u>LOC150356 Hypothetical protein BC012882 BC012882 </u>	2.316083652	1.556244444	0.67192929	3.03860	0.35306215
8628	AGI_HUM1_OLIGO_A_23_P71328	<u>MATN2 Matrilin 2 NM_030583 </u>	2.314115441	2.231133333	0.964140895	4.08230	0.35306215
16191	AGI_HUM1_OLIGO_A_32_P157671	<u> 1871322 </u>	2.310715606	1.908	0.82571823	4.07664	0.35306215
4319	AGI_HUM1_OLIGO_A_23_P219197	<u>RGS3 Regulator of G-protein signalling 3 NM_144488 </u>	2.306546516	1.266	0.548872521	2.26961	0.35306215
4532	AGI_HUM1_OLIGO_A_23_P251916	<u>CGI-90 CGI-90 protein AK000672 </u>	2.304373354	1.052888889	0.456908984	2.09947	0.35306215
14825	AGI_HUM1_OLIGO_A_24_P816844	<u> THC1422362 </u>	2.303352495	1.225333333	0.531978208	2.62591	0.35306215
6323	AGI_HUM1_OLIGO_A_23_P375165	<u>FLJ35767 FLJ35767 protein AK093086 </u>	2.303103915	1.412666667	0.613375132	2.61142	0.35306215
10212	AGI_HUM1_OLIGO_A_24_P127661	<u> ENST00000332740 </u>	2.302549011	1.323777778	0.574918393	2.71741	0.35306215
16149	AGI_HUM1_OLIGO_A_32_P15320	<u> 3553556 </u>	2.301928209	1.569555556	0.681843834	3.80500	0.35306215
7806	AGI_HUM1_OLIGO_A_23_P52797	<u>TMPRSS5 Transmembrane protease, serine 5 (spinesin) NM_030770 </u>	2.296498041	2.204266667	0.959838253	5.50357	0.35306215
15523	AGI_HUM1_OLIGO_A_24_P96593	<u>EVI5 Ecotropic viral integration site 5 NM_005665 </u>	2.296344548	1.162466667	0.506224847	2.23400	0.35306215
3512	AGI_HUM1_OLIGO_A_23_P20392	<u> NM_018422 </u>	2.294885441	1.237333333	0.539169978	2.31474	0.35306215
14890	AGI_HUM1_OLIGO_A_24_P838448	<u> Hypothetical gene supported by AK026189 AK02865 </u>	2.292689325	1.979444444	0.863372295	3.56931	0.35306215
1319	AGI_HUM1_OLIGO_A_23_P129801	<u>RAB40B RAB40B, member RAS oncogene family NM_006822 </u>	2.291570895	0.985088889	0.429874935	2.08716	0.35306215
6257	AGI_HUM1_OLIGO_A_23_P37205	<u>NDRG2 NDRG family member 2 BX247987 </u>	2.291338224	1.490222222	0.650372	3.47272	0.35306215
4598	AGI_HUM1_OLIGO_A_23_P253375	<u>CUTL1 Cut-like 1, CCAAT displacement protein (Drosophila) NM_001913 </u>	2.283622228	1.078	0.472057062	2.08509	0.35306215
12349	AGI_HUM1_OLIGO_A_24_P310864	<u>MGC45441 Hypothetical protein MGC45441 NM_152499 </u>	2.283229029	1.031111111	0.451602138	2.12399	0.35306215
4140	AGI_HUM1_OLIGO_A_23_P216038	<u>PHF20L1 PHD finger protein 20-like 1 NM_016018 </u>	2.281911176	1.089777778	0.477572269	2.02075	0.35306215
7072	AGI_HUM1_OLIGO_A_23_P421423	<u>TNFAIP2 Tumor necrosis factor, alpha-induced protein 2 NM_006291 </u>	2.280713817	1.279555556	0.56103293	2.39581	0.35306215
11514	AGI_HUM1_OLIGO_A_24_P239076	<u>IGLL1 Immunoglobulin lambda-like polypeptide 1 NM_152855 </u>	2.278365918	1.052666667	0.462027042	2.13055	0.35306215
5021	AGI_HUM1_OLIGO_A_23_P28598	<u>DLX2 Distal-less homeo box 2 NM_004405 </u>	2.276609557	1.279066667	0.561829613	2.68048	0.35306215
12618	AGI_HUM1_OLIGO_A_24_P333421	<u>KIAA0543 KIAA0543 protein AB011115 </u>	2.273296938	1.196888889	0.526499143	2.20341	0.35306215
15956	AGI_HUM1_OLIGO_A_32_P135450	<u> THC1489202 </u>	2.272932579	1.859355556	0.818042547	3.31780	0.35306215
15092	AGI_HUM1_OLIGO_A_24_P902728	<u> THC1537311 </u>	2.268713385	1.128666667	0.497491959	2.09308	0.35306215
4429	AGI_HUM1_OLIGO_A_23_P24716	<u>HSPA5BP1 Heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) binding protein 1 AK0005</u>	2.266557982	1.843111111	0.813176246	3.87627	0.35306215
8635	AGI_HUM1_OLIGO_A_23_P71464	<u>DECR1 2,4-dienoyl CoA reductase 1, mitochondrial NM_001359 </u>	2.264668422	0.978888889	0.432243802	2.13629	0.382864998
6864	AGI_HUM1_OLIGO_A_23_P40866	<u>ZBTB20 Zinc finger and BTB domain containing 20 NM_015642 </u>	2.263661161	1.590222222	0.702500113	2.95337	0.382864998
11755	AGI_HUM1_OLIGO_A_24_P25794	<u>LOC126755 Hypothetical protein LOC126755 BC016048 </u>	2.261241902	1.166088889	0.515685159	2.13203	0.382864998
9517	AGI_HUM1_OLIGO_A_23_P91697	<u>LARGE Like-glycosyltransferase NM_004737 </u>	2.260023971	0.928888889	0.411008423	2.00804	0.382864998
13586	AGI_HUM1_OLIGO_A_24_P414332	<u>MLLT2 Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to 2 </u>	2.253053282	0.961333333	0.426680248	2.02866	0.382864998
10508	AGI_HUM1_OLIGO_A_24_P154214	<u> 941555 </u>	2.250295356	1.026666667	0.456236406	2.08022	0.382864998
12700	AGI_HUM1_OLIGO_A_24_P340813	<u>C6orf111 Chromosome 6 open reading frame 111 AK027658 </u>	2.249289505	1.182222222	0.52559807	2.34542	0.382864998
15541	AGI_HUM1_OLIGO_A_24_P98251	<u>COH1 Cohen syndrome 1 NM_017890 </u>	2.244754253	1.69	0.752866376	5.12523	0.382864998
14732	AGI_HUM1_OLIGO_A_24_P780353	<u> XM_167274 </u>	2.241117467	1.196888889	0.534045338	2.58024	0.382864998
17087	AGI_HUM1_OLIGO_A_32_P30831	<u> BX338082 </u>	2.240374434	1.376622222	0.61446078	2.68237	0.382864998
15624	AGI_HUM1_OLIGO_A_32_P104746	<u>ZFYVE28 Zinc finger, FYVE domain containing 28 AB046863 </u>	2.239710465	1.198377778	0.535059239	2.22160	0.382864998
2881	AGI_HUM1_OLIGO_A_23_P164387	<u>SMARCE1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, m</u>	2.237555783	1.189555556	0.531631687	2.32506	0.382864998
5220	AGI_HUM1_OLIGO_A_23_P308924	<u>DUSP16 Dual specificity phosphatase 16 AB051487 </u>	2.232581171	0.952	0.426412268	2.01013	0.382864998
3066	AGI_HUM1_OLIGO_A_23_P168403	<u>KCNH2 Potassium voltage-gated channel, subfamily H (eag-related), member 2 NM_000238 </u>	2.231713453	1.048	0.469594337	2.28871	0.382864998
14991	AGI_HUM1_OLIGO_A_24_P86755	<u>C9orf9 Chromosome 9 open reading frame 9 AK075259 </u>	2.230127592	0.934444444	0.419009409	2.04616	0.382864998
6753	AGI_HUM1_OLIGO_A_23_P401361	<u>PITPNM2 Phosphatidylinositol transfer protein, membrane-associated 2 AB040890 </u>	2.229295343	1.164533333	0.522377323	2.19930	0.382864998
3476	AGI_HUM1_OLIGO_A_23_P203191	<u>APOA1 Apolipoprotein A-I NM_000039 </u>	2.229005025	1.219333333	0.547030321	2.37391	0.382864998
16504	AGI_HUM1_OLIGO_A_32_P187817	<u> Transcribed locus AW967501 </u>	2.228898971	1.122888889	0.505148232	2.02246	0.382864998
4717	AGI_HUM1_OLIGO_A_23_P256334	<u>PELO Integrin, alpha 1 X68742 </u>	2.222016285	1.362666667	0.613256832	2.52632	0.382864998
14793	AGI_HUM1_OLIGO_A_24_P803801	<u>GTF2I General transcription factor II, i Y14946 </u>	2.220698414	1.138888889	0.512851669	2.24716	0.382864998
400	AGI_HUM1_OLIGO_A_23_P108673	<u>FLJ13391 Hypothetical protein FLJ13391 NM_032181 </u>	2.219094046	1.342666667	0.605051719	2.17522	0.382864998
14574	AGI_HUM1_OLIGO_A_24_P73370	<u>ULK1 Unc-51-like kinase 1 (C. elegans) NM_003565 </u>	2.218652615	1.154222222	0.520235667	2.31265	0.382864998
8353	AGI_HUM1_OLIGO_A_23_P65174	<u>PHF11 PHD finger protein 11 NM_016119 </u>	2.215381847	1.499155556	0.676703006	2.44503	0.382864998
4489	AGI_HUM1_OLIGO_A_23_P250930	<u>CRBN Cereblon NM_016302 </u>	2.211648352	0.965777778	0.436677819	2.04344	0.382864998
12565	AGI_HUM1_OLIGO_A_24_P329795	<u>C10orf10 Chromosome 10 open reading frame 10 NM_007021 </u>	2.210308897	2.581333333	1.167860898	2.73627	0.382864998

14437	AGI_HUM1_OLIGO_A_24_P68381	<u>DCT Dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2) AJ000503 </u>	2.208371697	1.662311111	0.752731578	2.57866	0.382864998
2706	AGI_HUM1_OLIGO_A_23_P160546	<u>FLJ11280 Hypothetical protein FLJ11280 NM_018379 </u>	2.207302091	1.252222222	0.567308946	2.11532	0.382864998
17280	AGI_HUM1_OLIGO_A_32_P44316	<u> ENST00000323349 </u>	2.206898879	1.518222222	0.687943719	3.69897	0.382864998
8042	AGI_HUM1_OLIGO_A_23_P58082	<u>URB Steroid sensitive gene 1 AL833034 </u>	2.205587267	2.419022222	1.096770125	5.14458	0.382864998
10446	AGI_HUM1_OLIGO_A_24_P149124	<u>C5orf13 Chromosome 5 open reading frame 13 NM_004772 </u>	2.203908087	2.411333333	1.094117013	5.20881	0.382864998
1191	AGI_HUM1_OLIGO_A_23_P127088	<u>CUEDC2 CUE domain containing 2 NM_024040 </u>	2.201805702	0.994888888	0.451851355	2.02137	0.382864998
7897	AGI_HUM1_OLIGO_A_23_P54781	<u>RBBP6 Retinoblastoma binding protein 6 NM_032626 </u>	2.200095239	1.120377778	0.509240581	2.14610	0.382864998
7098	AGI_HUM1_OLIGO_A_23_P422724	<u>PPIC Peptidylprolyl isomerase C (cyclophilin C) NM_000943 </u>	2.199165443	1.104666667	0.502311761	2.15738	0.382864998
13317	AGI_HUM1_OLIGO_A_24_P392947	<u> ENST00000331523 </u>	2.199086385	1.348888889	0.61338604	2.88607	0.382864998
1921	AGI_HUM1_OLIGO_A_23_P143374	<u>KIAA0980 KIAA0980 protein NM_025176 </u>	2.197782261	1.496222222	0.680787287	2.36773	0.382864998
16797	AGI_HUM1_OLIGO_A_32_P215938	<u>GPSM1 G-protein signalling modulator 1 (AGS3-like, C. elegans) AL117478 </u>	2.197506334	0.995555556	0.453038765	2.10720	0.382864998
17238	AGI_HUM1_OLIGO_A_32_P41375	<u>LOC284701 Hypothetical protein LOC284701 AK093729 </u>	2.194220124	1.146444444	0.522483789	2.30635	0.382864998
8825	AGI_HUM1_OLIGO_A_23_P76015	<u>ARHGEF17 Rho guanine nucleotide exchange factor (GEF) 17 NM_014786 </u>	2.188211346	1.428	0.652587787	2.40991	0.501555936
475	AGI_HUM1_OLIGO_A_23_P110445	<u>APBB3 Amyloid beta (A4) precursor protein-binding, family B, member 3 NM_006051 </u>	2.188164335	1.042666667	0.476502907	2.10800	0.501555936
3748	AGI_HUM1_OLIGO_A_23_P208143	<u>ZNF397 Zinc finger protein 397 NM_032347 </u>	2.18678847	1.097688889	0.501963909	2.02023	0.501555936
7819	AGI_HUM1_OLIGO_A_23_P53126	<u>LMO2 LIM domain only 2 (rhombotin-like 1) NM_005574 </u>	2.185538308	1.583333333	0.7244592	4.12014	0.501555936
4440	AGI_HUM1_OLIGO_A_23_P2492	<u>C1S Complement component 1, s subcomponent NM_001734 </u>	2.179230248	1.378888889	0.632741258	2.42575	0.501555936
9568	AGI_HUM1_OLIGO_A_23_P92710	<u>RHOBTB3 Rho-related BTB domain containing 3 NM_014899 </u>	2.175932203	1.500222222	0.689461841	3.09144	0.501555936
6014	AGI_HUM1_OLIGO_A_23_P35796	<u>PPP2R5B Protein phosphatase 2, regulatory subunit B (B56), beta isoform NM_006244 </u>	2.172614967	1.055777778	0.485947945	2.06044	0.501555936
460	AGI_HUM1_OLIGO_A_23_P110122	<u>Ccng2 Cyclin G2 NM_004354 </u>	2.171820528	1.019555556	0.469447426	2.01839	0.501555936
1911	AGI_HUM1_OLIGO_A_23_P143120	<u>ADAM17 A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyr</u>	2.16994233	1.022888889	0.471389896	2.07764	0.501555936
7179	AGI_HUM1_OLIGO_A_23_P42868	<u>IGFBP1 Insulin-like growth factor binding protein 1 NM_000596 </u>	2.169806412	1.093555556	0.503987614	2.47046	0.501555936
16571	AGI_HUM1_OLIGO_A_32_P194423	<u> THC1592831 </u>	2.163993634	1.315333333	0.607826803	2.56218	0.501555936
14682	AGI_HUM1_OLIGO_A_24_P763243	<u>EEF1A1 Eukaryotic translation elongation factor 1 alpha 1 NM_001402 </u>	2.163779477	0.974666667	0.450446396	2.03690	0.501555936
12438	AGI_HUM1_OLIGO_A_24_P319736	<u>MEIS1 Meis1, myeloid ecotropic viral integration site 1 homolog (mouse) NM_002398 </u>	2.162801627	1.079555556	0.499146821	2.23412	0.501555936
9085	AGI_HUM1_OLIGO_A_23_P81660	<u>C6orf209 Chromosome 6 open reading frame 209 NM_018368 </u>	2.155403869	1.053333333	0.488694183	2.03933	0.501555936
8394	AGI_HUM1_OLIGO_A_23_P66117	<u>C16orf9 Chromosome 16 open reading frame 9 NM_032039 </u>	2.153150038	1.119555556	0.519961701	2.18301	0.501555936
15895	AGI_HUM1_OLIGO_A_32_P129621	<u>ADAM17 A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyr</u>	2.151630588	1.298444444	0.603469969	2.88943	0.501555936
5969	AGI_HUM1_OLIGO_A_23_P345081	<u>SEC31L2 SEC31-like 2 (S. cerevisiae) NM_015490 </u>	2.148677203	1.614222222	0.751263222	2.87063	0.501555936
13048	AGI_HUM1_OLIGO_A_24_P370946	<u>CYR61 Cysteine-rich, angiogenic inducer, 61 AF003114 </u>	2.147594231	1.934888889	0.900956457	2.48084	0.501555936
15055	AGI_HUM1_OLIGO_A_24_P892402	<u> CDNA FLJ33090 fis, clone TRACH2000559 AK057652 </u>	2.147152968	1.153555556	0.537248893	2.16820	0.501555936
6577	AGI_HUM1_OLIGO_A_23_P39076	<u>RRAS Related RAS viral (r-ras) oncogene homolog NM_006270 </u>	2.143330464	1.153333333	0.538103364	2.33657	0.501555936
8425	AGI_HUM1_OLIGO_A_23_P66798	<u>KRT19 Keratin 19 NM_002276 </u>	2.139845473	1.202444444	0.561930504	2.16393	0.501555936
8364	AGI_HUM1_OLIGO_A_23_P65410	<u> I_959552 </u>	2.138656319	1.045288889	0.488759638	2.29003	0.501555936
11142	AGI_HUM1_OLIGO_A_24_P206776	<u>CRYAB Crystallin, alpha B NM_001885 </u>	2.137967272	2.095822222	0.980287327	3.64494	0.501555936
1033	AGI_HUM1_OLIGO_A_23_P122852	<u>SMARCD3 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, m</u>	2.126568232	1.354888889	0.637124579	2.68487	0.501555936
1045	AGI_HUM1_OLIGO_A_23_P123086	<u>KIAA1908 KIAA1908 protein AB067495 </u>	2.126016215	1.283488889	0.603706068	2.45185	0.501555936
1659	AGI_HUM1_OLIGO_A_23_P137484	<u>FLJ10884 Hypothetical protein FLJ10884 NM_019079 </u>	2.117468355	1.209333333	0.57112227	2.39240	0.586529418
685	AGI_HUM1_OLIGO_A_23_P115534	<u>PKD1-like Polycystic kidney disease 1-like AK024287 </u>	2.116784866	1.042	0.492255976	2.05591	0.586529418
5781	AGI_HUM1_OLIGO_A_23_P345081	<u>VIK Vav-1 interacting Kruppel-like protein NM_138494 </u>	2.116062838	1.069333333	0.505341011	2.15136	0.586529418
3699	AGI_HUM1_OLIGO_A_23_P207280	<u>APPBP2 Amyloid beta precursor protein (cytoplasmic tail) binding protein 2 NM_006380 </u>	2.115154602	1.183777778	0.559664895	2.05656	0.586529418
13685	AGI_HUM1_OLIGO_A_24_P42136	<u> ENST00000333631 </u>	2.114897244	0.947777778	0.448143654	2.00753	0.586529418
13139	AGI_HUM1_OLIGO_A_24_P379413	<u>IL6R Interleukin 6 receptor X12830 </u>	2.114218689	2.032733333	0.961458407	3.00100	0.586529418
10841	AGI_HUM1_OLIGO_A_24_P182586	<u>C1orf37 Chromosome 1 open reading frame 37 AL133052 </u>	2.113888564	0.992	0.469277339	2.08223	0.586529418
6113	AGI_HUM1_OLIGO_A_23_P36305	<u>FLJ00012 FLJ00012 protein AK024423 </u>	2.110750145	1.030222222	0.488083454	2.20760	0.586529418
8366	AGI_HUM1_OLIGO_A_23_P65442	<u>ISGF3G Interferon-stimulated transcription factor 3, gamma 48kDa NM_006084 </u>	2.109309922	1.243555556	0.589555637	2.28974	0.586529418
4196	AGI_HUM1_OLIGO_A_23_P217114	<u>ALAD Aminolevulinate, delta-, dehydratase BC000977 </u>	2.108913203	1.284666667	0.609160521	2.57978	0.586529418
17753	AGI_HUM1_OLIGO_A_32_P85539	<u> I_946577 </u>	2.106170727	0.994266667	0.472073261	2.10039	0.586529418
13783	AGI_HUM1_OLIGO_A_24_P475556	<u>LOC146346 Hypothetical protein LOC146346 AK057359 </u>	2.097717649	1.062444444	0.506476382	2.13602	0.586529418
15474	AGI_HUM1_OLIGO_A_24_P943062	<u>KIAA0182 KIAA0182 protein D80004 </u>	2.096965402	1.124422222	0.536214008	2.16213	0.586529418
7298	AGI_HUM1_OLIGO_A_23_P4353	<u>WSB1 WD repeat and SOCS box-containing 1 NM_134265 </u>	2.09310304	1.462888889	0.698909161	2.50203	0.586529418
10056	AGI_HUM1_OLIGO_A_24_P116535	<u>MMP15 Matrix metalloproteinase 15 (membrane-inserted) NM_002428 </u>	2.09268534	1.573777778	0.752037465	3.38555	0.586529418
8242	AGI_HUM1_OLIGO_A_23_P62768	<u>BCLP Beta-casein-like protein NM_033504 </u>	2.09140353	1.002	0.479104097	2.04760	0.586529418

2696	AGI_HUM1_OLIGO_A_23_P160318	<u>COL16A1 Collagen, type XVI, alpha 1 NM_001856 </u>	2.085531087	2.196888889	1.053395417	3.39572	0.586529418
4267	AGI_HUM1_OLIGO_A_23_P218346	<u> NM_015623 </u>	2.084246758	1.013288889	0.48616551	2.18110	0.586529418
462	AGI_HUM1_OLIGO_A_23_P11017	<u> AK021866 </u>	2.080966689	1.013866667	0.487209465	2.07932	0.586529418
12567	AGI_HUM1_OLIGO_A_24_P329924	<u> I_932029 </u>	2.080468452	1.185111111	0.569636665	2.31972	0.586529418
6894	AGI_HUM1_OLIGO_A_23_P410859	<u>ZSWIM6 Zinc finger, SWIM domain containing 6 AB046797 </u>	2.080254709	1.242666667	0.597362747	2.30673	0.586529418
500	AGI_HUM1_OLIGO_A_23_P110957	<u>FOXF2 Forkhead box F2 NM_001452 </u>	2.079192691	1.095111111	0.526700154	2.13636	0.586529418
8250	AGI_HUM1_OLIGO_A_23_P62932	<u>ATP1B1 ATPase, Na+/K+ transporting, beta 1 polypeptide NM_001677 </u>	2.07511488	1.342444444	0.646925362	2.40003	0.586529418
3651	AGI_HUM1_OLIGO_A_23_P206371	<u>NOL3 Nucleolar protein 3 (apoptosis repressor with CARD domain) NM_003946 </u>	2.067539646	1.280222222	0.619200809	2.41945	0.586529418
3019	AGI_HUM1_OLIGO_A_23_P167168	<u>IGJ Immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides NM_001000000 </u>	2.057622873	0.955111111	0.464181811	2.03164	0.586529418
9079	AGI_HUM1_OLIGO_A_23_P81399	<u>SQSTM1 Sequestosome 1 BC000951 </u>	2.057070153	1.114666667	0.541871003	2.29688	0.586529418
3496	AGI_HUM1_OLIGO_A_23_P203645	<u>ZF HCF-binding transcription factor Zhangfei NM_021212 </u>	2.048699441	1.060511111	0.517650901	2.07095	0.69465426
17187	AGI_HUM1_OLIGO_A_32_P37592	<u>MYO5B Myosin VB CB997907 </u>	2.044762479	1.296222222	0.633923126	2.75509	0.69465426
1442	AGI_HUM1_OLIGO_A_23_P132536	<u>OIP106 OGT(O-GlcNAc transferase)-interacting protein 106 kDa NM_014965 </u>	2.041837162	1.066666667	0.522405355	2.38027	0.69465426
4496	AGI_HUM1_OLIGO_A_23_P251075	<u>CXorf6 Chromosome X open reading frame 6 NM_005491 </u>	2.036860139	1.010666667	0.496188544	2.13331	0.69465426
4135	AGI_HUM1_OLIGO_A_23_P215913	<u>CLU Clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed protein 2) NM_001000000 </u>	2.036038838	1.274444444	0.625943092	2.07787	0.69465426
4742	AGI_HUM1_OLIGO_A_23_P25674	<u>CKB Creatine kinase, brain NM_001823 </u>	2.034571602	0.996666667	0.489865614	2.08937	0.69465426
7520	AGI_HUM1_OLIGO_A_23_P48561	<u>EFS Embryonal Fyn-associated substrate NM_005864 </u>	2.031903974	1.466	0.721490788	3.53511	0.69465426
10849	AGI_HUM1_OLIGO_A_23_P183292	<u> I_957203 </u>	2.031901484	1.146666667	0.564331822	2.56375	0.69465426
2268	AGI_HUM1_OLIGO_A_23_P151098	<u>GRCC9 Likely ortholog of mouse gene rich cluster, C9 gene NM_032641 </u>	2.027403439	0.972444444	0.47965019	2.00990	0.69465426
11594	AGI_HUM1_OLIGO_A_24_P246717	<u>HBXAP Hepatitis B virus x associated protein AF059317 </u>	2.026214428	1.008888889	0.497918125	2.03646	0.69465426
5765	AGI_HUM1_OLIGO_A_23_P344000	<u>Beta4GalNAc-T4 Beta1,4-N-acetylglucosaminyltransferases IV NM_178537 </u>	2.020643076	1.041111111	0.515237512	2.22778	0.69465426
1914	AGI_HUM1_OLIGO_A_23_P143147	<u>TCFL5 Transcription factor-like 5 (basic helix-loop-helix) NM_006602 </u>	2.015628938	1.073111111	0.53239517	2.14342	0.69465426
511	AGI_HUM1_OLIGO_A_23_P111171	<u>B3GALT4 UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4 AB026730 </u>	2.015438179	2.259111111	1.120903204	3.13939	0.69465426
13751	AGI_HUM1_OLIGO_A_24_P464798	<u> XM_300844 </u>	2.014542873	1.312888889	0.651705609	3.17601	0.69465426
6287	AGI_HUM1_OLIGO_A_23_P37327	<u>ABCD4 ATP-binding cassette, sub-family D (ALD), member 4 NM_020326 </u>	2.009725387	0.981333333	0.488292251	2.08046	0.69465426
12005	AGI_HUM1_OLIGO_A_24_P281605	<u> ENST00000330722 </u>	2.009723076	1.105333333	0.549992856	2.02009	0.69465426
8237	AGI_HUM1_OLIGO_A_23_P62684	<u> AF217973 </u>	2.004772809	1.004	0.500804877	2.07242	0.69465426
6168	AGI_HUM1_OLIGO_A_23_P366376	<u>TDGF1 Teratocarcinoma-derived growth factor 1 NM_003212 </u>	2.002101798	1.080222222	0.539544105	2.41002	0.69465426
9156	AGI_HUM1_OLIGO_A_23_P32377	<u>IL11RA Interleukin 11 receptor, alpha NM_004512 </u>	2.001671022	1.416666667	0.707742007	2.51698	0.69465426
6131	AGI_HUM1_OLIGO_A_23_P363968	<u>C1RL Complement component 1, r subcomponent-like NM_016546 </u>	2.001659568	1.125022222	0.562044735	2.17375	0.69465426
7371	AGI_HUM1_OLIGO_A_23_P44993	<u>TALDO1 Transaldolase 1 NM_006755 </u>	1.998180417	1.048888889	0.524922014	2.13526	0.69465426
15721	AGI_HUM1_OLIGO_A_32_P113007	<u> LOC442612 BF831953 </u>	1.99795418	1.259644444	0.630467133	2.69685	0.69465426
16862	AGI_HUM1_OLIGO_A_32_P221631	<u> THC1599495 </u>	1.995545299	1.075844444	0.539123038	2.10319	0.69465426
13285	AGI_HUM1_OLIGO_A_24_P391987	<u>LOC401152 HCV F-transactivated protein 1 BC017399 </u>	1.99321535	1.035111111	0.519317248	2.20576	0.850173656
598	AGI_HUM1_OLIGO_A_23_P113311	<u> AL713728 </u>	1.991832708	1.069777778	0.537082142	2.05994	0.850173656
6332	AGI_HUM1_OLIGO_A_23_P37569	<u> NM_018621 </u>	1.991586429	0.966044444	0.485062777	2.11544	0.850173656
10148	AGI_HUM1_OLIGO_A_24_P123601	<u>DDR1 Discoidin domain receptor family, member 1 NM_013994 </u>	1.988022881	2.777777778	1.397256442	5.59269	0.850173656
13727	AGI_HUM1_OLIGO_A_24_P456452	<u>OKI Quaking homolog, KH domain RNA binding (mouse) AK074562 </u>	1.987430693	1.196822222	0.602195702	2.03936	0.850173656
11280	AGI_HUM1_OLIGO_A_24_P219474	<u>MGAT5B Mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, isoenzyme B </u>	1.986483552	1.103555556	0.555532189	2.05067	0.850173656
1945	AGI_HUM1_OLIGO_A_23_P143981	<u>FBLN2 Fibulin 2 NM_001998 </u>	1.986096847	1.251555556	0.630158372	2.21625	0.850173656
3814	AGI_HUM1_OLIGO_A_23_P209564	<u>CYBRD1 Cytochrome b reductase 1 NM_024843 </u>	1.985125389	1.884444444	0.949282325	5.76574	0.850173656
2802	AGI_HUM1_OLIGO_A_23_P162739	<u>TGFB14 Transforming growth factor beta 1 induced transcript 4 X97299 </u>	1.98300245	1.166444444	0.588221383	2.09375	0.850173656
7274	AGI_HUM1_OLIGO_A_23_P434212	<u>SULT1A1 Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 NM_177529 </u>	1.982067078	1.243555556	0.627403366	2.86209	0.850173656
4208	AGI_HUM1_OLIGO_A_23_P217339	<u>PRKX Protein kinase, X-linked NM_005044 </u>	1.981986025	1.023822222	0.516563795	2.15730	0.850173656
313	AGI_HUM1_OLIGO_A_23_P106773	<u>SULT1A2 Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2 NM_001054 </u>	1.979743329	1.070666667	0.540810847	2.40603	0.850173656
12900	AGI_HUM1_OLIGO_A_24_P357933	<u> ENST00000308383 </u>	1.976504446	1.104644444	0.558887913	2.49180	0.850173656
17785	AGI_HUM1_OLIGO_A_32_P87872	<u>IMMP2L IMP2 inner mitochondrial membrane protease-like (S. cerevisiae) NM_032549 </u>	1.974511612	1.067555556	0.540668158	2.44524	0.850173656
2853	AGI_HUM1_OLIGO_A_23_P163816	<u>ZNF629 Zinc finger protein 629 AB002324 </u>	1.967973958	1.623333333	0.824875414	2.55615	0.850173656
15497	AGI_HUM1_OLIGO_A_24_P944723	<u>PGM3 Phosphoglucomutase 3 AK021676 </u>	1.966568701	1.083555556	0.550987898	2.05487	0.850173656
9635	AGI_HUM1_OLIGO_A_23_P94380	<u>C9orf58 Chromosome 9 open reading frame 58 AL136566 </u>	1.964503833	2.241555556	1.141028853	2.74792	0.850173656
961	AGI_HUM1_OLIGO_A_23_P121250	<u>EIF4A2 Eukaryotic translation initiation factor 4A, isoform 2 NM_001967 </u>	1.961918435	1.023111111	0.521485039	2.01626	0.850173656
8695	AGI_HUM1_OLIGO_A_23_P73114	<u>PROS1 Protein S (alpha) NM_000313 </u>	1.961587195	1.059111111	0.539925584	2.02108	0.850173656
15009	AGI_HUM1_OLIGO_A_24_P876408	<u>RTN3 Reticulon 3 AK096306 </u>	1.9595111	1.109222222	0.566070905	2.27629	0.850173656

1933 AGI_HUM1_OLIGO_A_23_P143694	<u>SOX10 SRY (sex determining region Y)-box 10 NM_006941 </u>	1.958011611	0.959777778	0.490179819	2.05826	0.850173656
4970 AGI_HUM1_OLIGO_A_23_P27515	<u>PLD3 Phospholipase D3 NM_012268 </u>	1.95321501	0.973777778	0.498551246	2.00301	0.850173656
9764 AGI_HUM1_OLIGO_A_23_P97906	<u>NT5C2 5'-nucleotidase, cytosolic NM_012229 </u>	1.952127835	0.954222222	0.48881134	2.09130	0.850173656
14414 AGI_HUM1_OLIGO_A_24_P67946	<u>NUDT4 Nudix (nucleoside diphosphate linked moiety X)-type motif 4 AF191651 </u>	1.949381577	1.439555556	0.738467816	2.96311	0.850173656
15637 AGI_HUM1_OLIGO_A_32_P105940	<u> A_32_BS105940 </u>	1.948954352	1.172377778	0.601541938	2.33556	0.850173656
11770 AGI_HUM1_OLIGO_A_24_P260300	<u>HNRPDL Heterogeneous nuclear ribonucleoprotein D-like AK057480 </u>	1.947507443	0.975111111	0.500696988	2.09941	0.850173656
15467 AGI_HUM1_OLIGO_A_24_P942648	<u>EVL Enah/Vasp-like AL133642 </u>	1.946817744	1.822888889	0.936342857	3.83195	0.850173656
669 AGI_HUM1_OLIGO_A_23_P115261	<u>AGT Angiotensinogen (serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitryp</u>	1.945168117	1.131777778	0.581840597	2.30003	0.850173656
1544 AGI_HUM1_OLIGO_A_23_P134755	<u>TRPS1 Trichorhinophalangeal syndrome I NM_014112 </u>	1.944920095	1.8562	0.954383681	3.58803	0.850173656
15392 AGI_HUM1_OLIGO_A_24_P93703	<u> Similar to RIKEN cDNA 1110012D08 AK094261 </u>	1.936149971	1.219955556	0.630093523	2.35335	0.850173656
6961 AGI_HUM1_OLIGO_A_23_P414913	<u>C9orf19 Chromosome 9 open reading frame 19 NM_022343 </u>	1.932637206	1.148533333	0.594282947	2.19918	0.850173656
11373 AGI_HUM1_OLIGO_A_24_P227230	<u>IGSF4 Immunoglobulin superfamily, member 4 NM_014333 </u>	1.931590855	1.455333333	0.75343768	3.10230	0.850173656
9825 AGI_HUM1_OLIGO_A_23_P99360	<u>KCNRG Potassium channel regulator NM_173605 </u>	1.930780387	1.329777778	0.688725547	2.19961	0.850173656
15446 AGI_HUM1_OLIGO_A_24_P941699	<u>RNF159 Ring finger protein (C3HC4 type) 159 NM_032373 </u>	1.929510662	0.972355556	0.503938939	2.05392	0.850173656
6118 AGI_HUM1_OLIGO_A_23_P36322	<u>INPPL1 Inositol polyphosphate phosphatase-like 1 NM_001567 </u>	1.929374074	1.024444444	0.530972432	2.06234	0.850173656
3825 AGI_HUM1_OLIGO_A_23_P209731	<u> NM_024720 </u>	1.926812806	1.384444444	0.718515281	2.34146	1.015810242
12727 AGI_HUM1_OLIGO_A_24_P34155	<u>RUNX1 Runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene) X90980 </u>	1.923496489	1.486133333	0.772620767	3.98829	1.015810242
13588 AGI_HUM1_OLIGO_A_24_P414376	<u> I_957104 </u>	1.923492205	1.301777778	0.676778297	2.49907	1.015810242
12169 AGI_HUM1_OLIGO_A_24_P296508	<u>SLC43A2 Solute carrier family 43, member 2 NM_152346 </u>	1.922386971	1.263777778	0.657400303	2.49930	1.015810242
11287 AGI_HUM1_OLIGO_A_24_P220485	<u>OLFML2A Olfactomedin-like 2A NM_182487 </u>	1.921617294	3.060222222	1.592524293	4.84545	1.015810242
11556 AGI_HUM1_OLIGO_A_24_P243373	<u>PCDHB7 Protocadherin beta 7 AL834254 </u>	1.92121786	1.391911111	0.724494155	2.32590	1.015810242
3860 AGI_HUM1_OLIGO_A_23_P210482	<u>ADA Adenosine deaminase NM_000022 </u>	1.92079357	1.275777778	0.66419307	2.46919	1.015810242
3939 AGI_HUM1_OLIGO_A_23_P211957	<u>TGFB2 Transforming growth factor, beta receptor II (70/80kDa) BC040499 </u>	1.918449311	1.239555556	0.646123694	2.81557	1.015810242
17099 AGI_HUM1_OLIGO_A_32_P31618	<u>GSR Glutathione reductase BC035691 </u>	1.91627762	1.406688889	0.734073641	3.37548	1.015810242
13880 AGI_HUM1_OLIGO_A_24_P497843	<u> THC1476307 </u>	1.915372373	0.911111111	0.47568354	2.16807	1.015810242
7493 AGI_HUM1_OLIGO_A_23_P47879	<u>STAT6 Signal transducer and activator of transcription 6, interleukin-4 induced NM_003153 </u>	1.91525762	1.207777778	0.630608522	2.58998	1.015810242
14035 AGI_HUM1_OLIGO_A_24_P556030	<u> XM_060543 </u>	1.908808557	1.117111111	0.585239995	2.52580	1.015810242
6605 AGI_HUM1_OLIGO_A_23_P392575	<u>KCNE4 Potassium voltage-gated channel, Isk-related family, member 4 NM_080671 </u>	1.908657923	2.024666667	1.06078027	3.84228	1.015810242
7086 AGI_HUM1_OLIGO_A_23_P422071	<u>B3GALT4 UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4 NM_003782 </u>	1.907693204	2.226333333	1.167029022	3.27559	1.015810242
9778 AGI_HUM1_OLIGO_A_23_P9823	<u>MONDOA Mlx interactor NM_014938 </u>	1.906143102	0.972666667	0.510279981	2.29704	1.015810242
14190 AGI_HUM1_OLIGO_A_24_P605563	<u> THC1438198 </u>	1.90534307	1.196444444	0.627941741	2.39882	1.015810242
732 AGI_HUM1_OLIGO_A_23_P11685	<u>PLA2G4A Phospholipase A2, group IVA (cytosolic, calcium-dependent) NM_024420 </u>	1.903658205	1.135777778	0.596629046	2.75944	1.015810242
16737 AGI_HUM1_OLIGO_A_32_P209094	<u>FLJ10986 Hypothetical protein FLJ10986 NM_018291 </u>	1.900894422	1.009266667	0.530943042	2.10822	1.015810242
14550 AGI_HUM1_OLIGO_A_24_P72518	<u>KIAA0828 KIAA0828 protein NM_015328 </u>	1.900581492	1.067333333	0.561582515	2.02951	1.015810242
3424 AGI_HUM1_OLIGO_A_23_P202269	<u>ANK3 Ankyrin 3, node of Ranvier (ankyrin G) NM_020987 </u>	1.900360834	3.016444444	1.587300891	6.89752	1.015810242
15320 AGI_HUM1_OLIGO_A_24_P93051	<u> ENST00000327679 </u>	1.898704537	1.124888889	0.59245073	2.45556	1.015810242
5117 AGI_HUM1_OLIGO_A_23_P301530	<u>ANK3 Ankyrin 3, node of Ranvier (ankyrin G) AL136710 </u>	1.895660295	2.886222222	1.522541897	6.06641	1.015810242
2230 AGI_HUM1_OLIGO_A_23_P150267	<u>BBS1 Bardet-Biedl syndrome 1 NM_024649 </u>	1.889165988	1.117911111	0.591748485	2.04038	1.015810242
16071 AGI_HUM1_OLIGO_A_32_P146635	<u>SESN3 Sestrin 3 AK091132 </u>	1.885758237	1.794222222	0.951459306	2.73765	1.015810242
9656 AGI_HUM1_OLIGO_A_23_P94857	<u>MAN1B1 Mannosidase, alpha, class 1B, member 1 NM_016219 </u>	1.885622355	1.106222222	0.586661597	2.33553	1.015810242
5151 AGI_HUM1_OLIGO_A_23_P303718	<u>DST Dvstonin NM_015548 </u>	1.884352732	1.269333333	0.673617689	2.58365	1.015810242
1015 AGI_HUM1_OLIGO_A_23_P122464	<u>ZNF193 Zinc finger protein 193 NM_006299 </u>	1.882626812	0.954222222	0.506856811	2.02632	1.015810242
11476 AGI_HUM1_OLIGO_A_24_P236799	<u>RAB31 RAB31, member RAS oncogene family AF183421 </u>	1.88001918	1.282666667	0.682262543	2.02798	1.015810242
3831 AGI_HUM1_OLIGO_A_23_P209904	<u>GPC1 Glypican 1 NM_002081 </u>	1.875424232	1.468	0.782756229	3.04515	1.015810242
9594 AGI_HUM1_OLIGO_A_23_P93383	<u>RGL2 Ral guanine nucleotide dissociation stimulator-like 2 NM_004761 </u>	1.871826203	0.924222222	0.493754292	2.05156	1.015810242
11487 AGI_HUM1_OLIGO_A_24_P237757	<u> ENST00000261630 </u>	1.871765675	1.400755556	0.748360532	2.40481	1.015810242

863 Negative Significant Genes

Row	Gene Name	Gene ID	Score(d)	Numerator(r)	Denominator(s+s0)	Fold Change	q-value (%)
7586 AGI_HUM1_OLIGO_A_23_P49972		<u>CDC6 CDC6 cell division cycle 6 homolog (S. cerevisiae) NM_001254 </u>	-7.52214576	-3.306888889	0.439620422	0.10632	0.066843083
1264 AGI_HUM1_OLIGO_A_23_P128698		<u>SPRY2 Sprouty homolog 2 (Drosophila) NM_005842 </u>	-7.38060556	-3.489555556	0.472800711	0.09198	0.066843083
181 AGI_HUM1_OLIGO_A_23_P10385		<u>RAMP RA-regulated nuclear matrix-associated protein NM_016448 </u>	-6.90304108	-3.111333333	0.450719226	0.12748	0.066843083
17132 AGI_HUM1_OLIGO_A_32_P33802		<u>ETV5 Ets variant gene 5 (ets-related molecule) NM_004454 </u>	-6.79718919	-4.380888889	0.644514779	0.07293	0.066843083

2752	AGI_HUM1_OLIGO_A_23_P161474	<u>MCM10 MCM10 minichromosome maintenance deficient 10 (S. cerevisiae) AB042719 </u>	-6.59912746	-2.824666667	0.428036386	0.14175	0.066843083
9307	AGI_HUM1_OLIGO_A_23_P87150	<u>LPXN Leupaxin NM_004811 </u>	-6.51554855	-2.838222222	0.435607562	0.14774	0.066843083
4142	AGI_HUM1_OLIGO_A_23_P216068	<u>ATAD2 ATPase family, AAA domain containing 2 NM_014109 </u>	-6.48499059	-2.714444444	0.418573382	0.16278	0.066843083
3460	AGI_HUM1_OLIGO_A_23_P202837	<u>CCND1 Cyclin D1 (PRAD1: parathyroid adenomatosis 1) NM_053056 </u>	-6.44705734	-3.175111111	0.492489975	0.11259	0.066843083
9119	AGI_HUM1_OLIGO_A_23_P8241	<u>FBXO5 F-box protein 5 NM_012177 </u>	-6.41518714	-2.055111111	0.320350921	0.24358	0.066843083
1236	AGI_HUM1_OLIGO_A_23_P12816	<u>HELLS Helicase, lymphoid-specific NM_018063 </u>	-6.39158378	-1.976888889	0.309295623	0.25389	0.066843083
9391	AGI_HUM1_OLIGO_A_23_P88731	<u>RAD51 RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae) NM_002875 </u>	-6.34366531	-2.807333333	0.442541212	0.15603	0.066843083
8013	AGI_HUM1_OLIGO_A_23_P57379	<u>CDC45L CDC45 cell division cycle 45-like (S. cerevisiae) NM_003504 </u>	-6.30498295	-3.470666667	0.550464084	0.10143	0.066843083
7732	AGI_HUM1_OLIGO_A_23_P51085	<u>Spc25 Kinetochore protein Spc25 NM_020675 </u>	-6.29294024	-3.755333333	0.596753376	0.09167	0.066843083
1754	AGI_HUM1_OLIGO_A_23_P139704	<u>DUSP6 Dual specificity phosphatase 6 NM_001946 </u>	-6.29153569	-3.788888889	0.602220042	0.07492	0.066843083
2823	AGI_HUM1_OLIGO_A_23_P163099	<u>POLE2 Polymerase (DNA directed), epsilon 2 (p59 subunit) NM_002692 </u>	-6.1375352	-2.502	0.407655503	0.18511	0.066843083
10023	AGI_HUM1_OLIGO_A_24_P113144	<u>FLJ12735 Hypothetical protein FLJ12735 NM_024857 </u>	-6.12172763	-2.239755556	0.365869848	0.22220	0.066843083
682	AGI_HUM1_OLIGO_A_23_P115482	<u>HSPC150 HSPC150 protein similar to ubiquitin-conjugating enzyme NM_014176 </u>	-6.09843445	-2.560222222	0.419816306	0.18062	0.066843083
7195	AGI_HUM1_OLIGO_A_23_P429491	<u>FLJ25416 Hypothetical protein FLJ25416 NM_145018 </u>	-6.0872407	-2.589333333	0.425370617	0.16754	0.066843083
3787	AGI_HUM1_OLIGO_A_23_P208880	<u>UHRF1 Ubiquitin-like, containing PHD and RING finger domains, 1 NM_013282 </u>	-6.04606512	-3.366222222	0.556762482	0.10472	0.066843083
11995	AGI_HUM1_OLIGO_A_24_P281175	<u> ENST00000321524 </u>	-5.76744586	-2.512	0.435548085	0.18280	0.066843083
7233	AGI_HUM1_OLIGO_A_23_P431776	<u>ETV4 Ets variant gene 4 (E1A enhancer binding protein, E1AF) NM_001986 </u>	-5.72250401	-2.12	0.370467194	0.22540	0.066843083
8968	AGI_HUM1_OLIGO_A_23_P7873	<u>MCM3 MCM3 minichromosome maintenance deficient 3 (S. cerevisiae) NM_002388 </u>	-5.71890893	-2.140888889	0.374352681	0.22436	0.066843083
5721	AGI_HUM1_OLIGO_A_23_P340909	<u>C13orf3 Chromosome 13 open reading frame 3 NM_145061 </u>	-5.70934314	-3.149777778	0.551688294	0.13859	0.066843083
1857	AGI_HUM1_OLIGO_A_23_P14193	<u>RFC3 Replication factor C (activator 1) 3, 38kDa NM_002915 </u>	-5.69747231	-2.061555556	0.361836871	0.23772	0.066843083
9822	AGI_HUM1_OLIGO_A_23_P99292	<u>RAD51AP1 RAD51 associated protein 1 NM_006479 </u>	-5.63414032	-2.442888889	0.433586803	0.20062	0.066843083
11454	AGI_HUM1_OLIGO_A_23_P423196	<u>RRM2 Ribonucleotide reductase M2 polypeptide BC030154 </u>	-5.60799222	-3.356888889	0.598590147	0.10773	0.066843083
4691	AGI_HUM1_OLIGO_A_23_P255750	<u>FLJ12735 Hypothetical protein FLJ12735 AK022797 </u>	-5.54392818	-2.365911111	0.426757172	0.20739	0.066843083
4571	AGI_HUM1_OLIGO_A_23_P252740	<u>DCC1 Defective in sister chromatid cohesion homolog 1 (S. cerevisiae) NM_024094 </u>	-5.45996296	-2.428	0.444691661	0.18604	0.066843083
810	AGI_HUM1_OLIGO_A_23_P118246	<u>Pfs2 DNA replication complex GINS protein PSF2 NM_016095 </u>	-5.44610891	-2.495777778	0.458268062	0.19323	0.066843083
17874	AGI_HUM1_OLIGO_A_32_P95914	<u> THC1551878 </u>	-5.38368847	-1.844666667	0.342639935	0.28499	0.066843083
9848	AGI_HUM1_OLIGO_A_23_P99930	<u>FLJ20516 Timeless-interacting protein NM_017858 </u>	-5.33981538	-1.796222222	0.336382833	0.28761	0.066843083
3738	AGI_HUM1_OLIGO_A_23_P207999	<u>PMAIP1 Phorbol-12-myristate-13-acetate-induced protein 1 BC032663 </u>	-5.31045953	-2.268	0.427081684	0.19536	0.066843083
973	AGI_HUM1_OLIGO_A_23_P121480	<u>CD200 CD200 antigen BC022522 </u>	-5.20982827	-2.688222222	0.515990563	0.15685	0.066843083
8293	AGI_HUM1_OLIGO_A_23_P63789	<u>ZWINT ZW10 interactor NM_032997 </u>	-5.16561966	-2.688666667	0.520492573	0.17836	0.066843083
11300	AGI_HUM1_OLIGO_A_24_P221285	<u> ENST00000320402 </u>	-5.10928797	-3.225777778	0.63135564	0.12820	0.066843083
4041	AGI_HUM1_OLIGO_A_23_P214080	<u>EGR1 Early growth response 1 NM_001964 </u>	-5.08042301	-4.148444444	0.816554928	0.05794	0.066843083
9637	AGI_HUM1_OLIGO_A_23_P94422	<u>MELK Maternal embryonic leucine zipper kinase NM_014791 </u>	-5.06878371	-2.287555556	0.451302656	0.22148	0.066843083
348	AGI_HUM1_OLIGO_A_23_P107421	<u>TK1 Thymidine kinase 1, soluble NM_003258 </u>	-5.04896997	-2.355333333	0.46649779	0.22015	0.066843083
6969	AGI_HUM1_OLIGO_A_23_P415443	<u>BRRN1 Barren homolog (Drosophila) NM_015341 </u>	-5.01047663	-2.526888889	0.504321061	0.19724	0.066843083
13950	AGI_HUM1_OLIGO_A_24_P524452	<u>HIST1H2BN Histone 1, H2bn CA310244 </u>	-4.99705458	-2.826222222	0.565577617	0.14264	0.066843083
16143	AGI_HUM1_OLIGO_A_32_P152348	<u>HIST1H2BD Histone 1, H2bd NM_021063 </u>	-4.99243789	-2.715555556	0.543933768	0.15148	0.066843083
12485	AGI_HUM1_OLIGO_A_24_P323598	<u>LOC157570 Hypothetical protein LOC157570 AF306679 </u>	-4.98470984	-2.493777778	0.500285445	0.20166	0.066843083
6239	AGI_HUM1_OLIGO_A_23_P370989	<u>MCM4 MCM4 minichromosome maintenance deficient 4 (S. cerevisiae) NM_005914 </u>	-4.9815507	-1.980666667	0.397600423	0.26313	0.066843083
16035	AGI_HUM1_OLIGO_A_32_P143245	<u> CDNA clone IMAGE:4452583, partial cds BC046178 </u>	-4.97774159	-2.379555556	0.47803919	0.21630	0.066843083
13745	AGI_HUM1_OLIGO_A_24_P462899	<u> CDNA clone IMAGE:4452583, partial cds BC046178 </u>	-4.96527269	-2.547555556	0.513074651	0.19289	0.066843083
1626	AGI_HUM1_OLIGO_A_23_P136817	<u>KNTC1 Kinetochore associated 1 NM_014708 </u>	-4.95515542	-1.843111111	0.371958285	0.28576	0.066843083
4371	AGI_HUM1_OLIGO_A_23_P23303	<u>EXO1 Exonuclease 1 NM_003686 </u>	-4.91736111	-2.382444444	0.48449654	0.19652	0.066843083
228	AGI_HUM1_OLIGO_A_23_P104651	<u>CDC45 Cell division cycle associated 5 NM_080668 </u>	-4.90811186	-2.644888889	0.538881135	0.17130	0.066843083
7438	AGI_HUM1_OLIGO_A_23_P46470	<u>MIG-6 Mitogen-inducible gene 6 NM_018948 </u>	-4.8852052	-2.260666667	0.46275777	0.20498	0.066843083
4834	AGI_HUM1_OLIGO_A_23_P25873	<u>WDHD1 WD repeat and HMG-box DNA binding protein 1 NM_007086 </u>	-4.87933132	-1.916888889	0.392858932	0.27789	0.066843083
13056	AGI_HUM1_OLIGO_A_24_P371962	<u>AMD1 Adenosylmethionine decarboxylase 1 NM_001634 </u>	-4.85776104	-2.115777778	0.435545874	0.24368	0.066843083
2509	AGI_HUM1_OLIGO_A_23_P154815	<u>HCAP-G Chromosome condensation protein G NM_022346 </u>	-4.82230682	-3.118	0.646578518	0.14126	0.066843083
2948	AGI_HUM1_OLIGO_A_23_P165657	<u>SLC20A1 Solute carrier family 20 (phosphate transporter), member 1 L20859 </u>	-4.81014563	-3.053555556	0.634815615	0.10679	0.066843083
15665	AGI_HUM1_OLIGO_A_32_P108655	<u>AK3 Adenylate kinase 3 NM_013410 </u>	-4.78427721	-2.107555556	0.440517024	0.22372	0.066843083
8009	AGI_HUM1_OLIGO_A_23_P57306	<u>CHAF1B Chromatin assembly factor 1, subunit B (p60) NM_005441 </u>	-4.76673743	-1.989111111	0.417289843	0.27636	0.066843083
16118	AGI_HUM1_OLIGO_A_32_P150891	<u>DIAPH3 Diaphanous homolog 3 (Drosophila) AK092024 </u>	-4.7618673	-2.077777778	0.436336766	0.22826	0.066843083
5618	AGI_HUM1_OLIGO_A_23_P333998	<u> NM_014125 </u>	-4.74559736	-2.783555556	0.586555357	0.18853	0.066843083

16963	AGI_HUM1_OLIGO_A_32_P231391	<u> 3579455 </u>	-4.73266546	-2.356444444	0.497910631	0.19694	0.066843083
3525	AGI_HUM1_OLIGO_A_23_P204170	<u> 932423 </u>	-4.72436698	-2.153111111	0.455745948	0.23319	0.066843083
406	AGI_HUM1_OLIGO_A_23_P108823	<u>OSBPL6 Oxysterol binding protein-like 6 NM_145739 </u>	-4.72396434	-1.465333333	0.310191447	0.36155	0.066843083
2519	AGI_HUM1_OLIGO_A_23_P155989	<u>FKSG14 Leucine zipper protein FKSG14 NM_022145 </u>	-4.7140391	-2.554888889	0.541974479	0.20633	0.066843083
6949	AGI_HUM1_OLIGO_A_23_P414343	<u>MT1J Metallothionein 1J NM_175622 </u>	-4.71133619	-2.516777778	0.534196176	0.17814	0.066843083
6035	AGI_HUM1_OLIGO_A_23_P35871	<u>FLJ23311 FLJ23311 protein NM_024680 </u>	-4.70430207	-2.870377778	0.610160176	0.15043	0.066843083
13782	AGI_HUM1_OLIGO_A_24_P47547	<u>RAN RAN, member RAS oncogene family AL357616 </u>	-4.69503706	-1.342222222	0.285881071	0.39464	0.066843083
3672	AGI_HUM1_OLIGO_A_23_P206707	<u>MT1G Metallothionein 1G NM_005950 </u>	-4.6948501	-2.763333333	0.588588192	0.14918	0.066843083
9064	AGI_HUM1_OLIGO_A_23_P80902	<u>KNSL7 Kinesin-like 7 NM_020242 </u>	-4.6842964	-2.305555556	0.492188231	0.22783	0.066843083
6924	AGI_HUM1_OLIGO_A_23_P41280	<u>PAICS Phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamid</u>	-4.6637962	-1.868666667	0.400675026	0.27438	0.066843083
9027	AGI_HUM1_OLIGO_A_23_P80032	<u>E2F1 E2F transcription factor 1 NM_005225 </u>	-4.64417581	-2.493333333	0.536873158	0.21175	0.066843083
5482	AGI_HUM1_OLIGO_A_23_P323751	<u>C20orf129 Chromosome 20 open reading frame 129 NM_030919 </u>	-4.64013447	-2.916666667	0.628573738	0.17808	0.066843083
15764	AGI_HUM1_OLIGO_A_32_P116206	<u>LOC253981 Hypothetical protein LOC253981 AK025431 </u>	-4.63827367	-2.527111111	0.544838725	0.17584	0.066843083
11349	AGI_HUM1_OLIGO_A_24_P225616	<u>RRM2 Ribonucleotide reductase M2 polypeptide BC028932 </u>	-4.63534826	-2.318888889	0.500262064	0.19441	0.066843083
6321	AGI_HUM1_OLIGO_A_23_P37514	<u>DKFZP434H132 DKFZP434H132 protein NM_015492 </u>	-4.61184438	-1.614444444	0.350064814	0.32129	0.066843083
7620	AGI_HUM1_OLIGO_A_23_P50108	<u>KNTC2 Kinetochore associated 2 NM_006101 </u>	-4.60963723	-3.056	0.662958894	0.15078	0.066843083
10959	AGI_HUM1_OLIGO_A_24_P193011	<u>CCND1 Cyclin D1 (PRAD1: parathyroid adenomatosis 1) BC014078 </u>	-4.57358293	-2.418666667	0.528834111	0.17532	0.066843083
6099	AGI_HUM1_OLIGO_A_23_P362046	<u>LOC93081 Hypothetical protein BC015148 NM_138779 </u>	-4.573125	-1.918444444	0.419504047	0.29220	0.066843083
8733	AGI_HUM1_OLIGO_A_23_P74115	<u>RAD54L RAD54-like (S. cerevisiae) NM_003579 </u>	-4.56145892	-2.12	0.464763585	0.24763	0.066843083
9599	AGI_HUM1_OLIGO_A_23_P93499	<u>TFB1M Transcription factor B1, mitochondrial NM_016020 </u>	-4.55467394	-1.888888889	0.414714404	0.27793	0.066843083
13577	AGI_HUM1_OLIGO_A_24_P413884	<u>CENPA Centromere protein A, 17kDa NM_001809 </u>	-4.55327749	-3.116444444	0.684439824	0.16679	0.066843083
12466	AGI_HUM1_OLIGO_A_24_P322354	<u>C18orf24 Chromosome 18 open reading frame 24 NM_145060 </u>	-4.55143615	-2.375933333	0.522018382	0.21543	0.066843083
1701	AGI_HUM1_OLIGO_A_23_P138507	<u>CDC2 Cell division cycle 2, G1 to S and G2 to M NM_001786 </u>	-4.54568732	-2.644222222	0.5816991	0.19068	0.066843083
17082	AGI_HUM1_OLIGO_A_32_P30649	<u>ETV5 Ets variant gene 5 (ets-related molecule) NM_004454 </u>	-4.54031988	-2.920466667	0.643229275	0.19646	0.066843083
3656	AGI_HUM1_OLIGO_A_23_P206441	<u>FANCA Fanconi anemia, complementation group A NM_000135 </u>	-4.53915721	-2.204666667	0.485699561	0.20295	0.066843083
15673	AGI_HUM1_OLIGO_A_32_P109296	<u>MGC45866 Leucine-rich repeat kinase 1 NM_152259 </u>	-4.51391994	-2.440444444	0.540648588	0.18489	0.066843083
6354	AGI_HUM1_OLIGO_A_23_P37704	<u>CDT1 DNA replication factor NM_030928 </u>	-4.51345378	-2.207777778	0.489154844	0.24498	0.066843083
11136	AGI_HUM1_OLIGO_A_24_P20630	<u>LEF1 Lymphoid enhancer-binding factor 1 NM_016269 </u>	-4.50772545	-1.680888889	0.372890698	0.31259	0.066843083
4723	AGI_HUM1_OLIGO_A_24_P256413	<u>CKLFSF7 Chemokine-like factor super family 7 NM_138410 </u>	-4.49865548	-1.888	0.419680948	0.26128	0.066843083
9555	AGI_HUM1_OLIGO_A_23_P92441	<u>MAD2L1 MAD2 mitotic arrest deficient-like 1 (yeast) NM_002358 </u>	-4.47386129	-2.424666667	0.541962861	0.22464	0.066843083
15	AGI_HUM1_OLIGO_A_23_P100344	<u>ORC6L Origin recognition complex, subunit 6 homolog-like (yeast) NM_014321 </u>	-4.46517729	-1.869555556	0.418696825	0.27067	0.066843083
8858	AGI_HUM1_OLIGO_A_23_P76761	<u>VRK1 Vaccinia related kinase 1 BC005970 </u>	-4.42692156	-1.614666667	0.364738034	0.32459	0.066843083
9386	AGI_HUM1_OLIGO_A_23_P88630	<u>BLM Bloom syndrome NM_000057 </u>	-4.42479266	-2.393333333	0.540891634	0.21225	0.066843083
4552	AGI_HUM1_OLIGO_A_23_P252292	<u>FSHPRH1 FSH primary response (LRPR1 homolog, rat) 1 NM_006733 </u>	-4.41627908	-2.170688889	0.491519863	0.24115	0.066843083
14260	AGI_HUM1_OLIGO_A_24_P636301	<u>C6orf176 Chromosome 6 open reading frame 176 BC008632 </u>	-4.41528012	-2.558444444	0.579452351	0.20821	0.066843083
5145	AGI_HUM1_OLIGO_A_23_P303242	<u>MT1X Metallothionein 1X NM_005952 </u>	-4.40865065	-2.450444444	0.555826406	0.17594	0.066843083
8577	AGI_HUM1_OLIGO_A_23_P70480	<u>HIST1H4L Histone 1, H4l NM_003546 </u>	-4.40748234	-2.726666667	0.618644944	0.14899	0.066843083
2808	AGI_HUM1_OLIGO_A_23_P162822	<u>EXOSC8 Exosome component 8 NM_181503 </u>	-4.39477974	-1.397555556	0.318003549	0.38012	0.066843083
832	AGI_HUM1_OLIGO_A_23_P11862	<u>FLJ10706 Hypothetical protein FLJ10706 NM_018186 </u>	-4.38468162	-2.265777778	0.516748529	0.24371	0.066843083
11059	AGI_HUM1_OLIGO_A_24_P201739	<u>LNK Lymphocyte adaptor protein NM_005475 </u>	-4.37579276	-2.748666667	0.628152844	0.12414	0.066843083
1465	AGI_HUM1_OLIGO_A_23_P133123	<u>GAJ GAJ protein NM_032117 </u>	-4.36857851	-2.283777778	0.522773661	0.23730	0.066843083
17367	AGI_HUM1_OLIGO_A_32_P506600	<u> ENST00000316561 </u>	-4.35821957	-1.818666667	0.417295788	0.29536	0.066843083
4062	AGI_HUM1_OLIGO_A_23_P214487	<u>HIST1H4C Histone 1, H4c NM_003542 </u>	-4.32632908	-2.646222222	0.611655326	0.15947	0.066843083
6385	AGI_HUM1_OLIGO_A_23_P379614	<u>OIP5 Opa-interacting protein 5 NM_007280 </u>	-4.3219884	-2.960222222	0.684921372	0.18757	0.066843083
6870	AGI_HUM1_OLIGO_A_23_P408955	<u>E2F2 E2F transcription factor 2 BC007609 </u>	-4.31639623	-2.617111111	0.606318552	0.16261	0.066843083
9478	AGI_HUM1_OLIGO_A_23_P90612	<u>MCM6 MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae) N </u>	-4.28796307	-1.782888889	0.415789236	0.30261	0.066843083
4510	AGI_HUM1_OLIGO_A_23_P251421	<u>CDCA7 Cell division cycle associated 7 NM_031942 </u>	-4.28084583	-3.077555556	0.718912963	0.14620	0.066843083
5265	AGI_HUM1_OLIGO_A_23_P31135	<u>ACAT2 Acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase) AF356877 </u>	-4.27982024	-1.846666667	0.431482297	0.28423	0.066843083
9925	AGI_HUM1_OLIGO_A_24_P105102	<u>PKMYT1 Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase NM_182687 </u>	-4.27433663	-2.053777778	0.480490414	0.24406	0.066843083
4910	AGI_HUM1_OLIGO_A_23_P26557	<u>FLJ13909 Hypothetical protein FLJ13909 NM_025108 </u>	-4.2615163	-1.661555556	0.389897736	0.32965	0.066843083
13703	AGI_HUM1_OLIGO_A_24_P43876	<u>C9orf40 Chromosome 9 open reading frame 40 NM_017998 </u>	-4.2574869	-1.695777778	0.398304873	0.31677	0.066843083
10642	AGI_HUM1_OLIGO_A_24_P166407	<u>HIST1H4B Histone 1, H4b NM_003544 </u>	-4.2441804	-2.788444444	0.657004223	0.14558	0.066843083
11904	AGI_HUM1_OLIGO_A_24_P273014	<u> ENST00000330311 </u>	-4.24391306	-1.784888889	0.420576215	0.30952	0.066843083

3214 AGI_HUM1_OLIGO_A_23_P18196	<u>RFC4 Replication factor C (activator 1) 4, 37kDa NM_002916 </u>	-4.23420289	-2.07	0.488875959	0.24457	0.066843083
2508 AGI_HUM1_OLIGO_A_23_P155765	<u>HMG2 High-mobility group box 2 NM_002129 </u>	-4.220179	-1.989333333	0.471386008	0.26641	0.066843083
3299 AGI_HUM1_OLIGO_A_23_P19712	<u>GMNN Geminin, DNA replication inhibitor NM_015895 </u>	-4.21346529	-1.774222222	0.421083858	0.29417	0.066843083
100 AGI_HUM1_OLIGO_A_23_P102202	<u>MSH6 MutS homolog 6 (E. coli) NM_000179 </u>	-4.20028655	-1.711333333	0.407432519	0.29944	0.066843083
14425 AGI_HUM1_OLIGO_A_24_P680947	<u>LOC146909 Hypothetical protein LOC146909 BC044933 </u>	-4.19127356	-2.347111111	0.559999503	0.23288	0.066843083
4874 AGI_HUM1_OLIGO_A_23_P259641	<u>EZH2 Enhancer of zeste homolog 2 (Drosophila) NM_004456 </u>	-4.18353363	-1.460888889	0.349199748	0.36673	0.066843083
5960 AGI_HUM1_OLIGO_A_23_P355075	<u>BM039 Uncharacterized bone marrow protein BM039 AK023669 </u>	-4.18112287	-2.0454	0.489198731	0.25852	0.066843083
4467 AGI_HUM1_OLIGO_A_23_P250444	<u>GJB1 Gap junction protein, beta 1, 32kDa (connexin 32, Charcot-Marie-Tooth neuropathy, X-linked) N</u>	-4.17693546	-3.411333333	0.816707216	0.07934	0.066843083
5135 AGI_HUM1_OLIGO_A_23_P302681	<u>FIGL1 Fidgetin-like 1 NM_022116 </u>	-4.16208486	-2.0464	0.491676664	0.24666	0.066843083
17881 AGI_HUM1_OLIGO_A_32_P96719	<u>SHCBP1 SHC SH2-domain binding protein 1 NM_024745 </u>	-4.15945193	-2.121555556	0.510056515	0.25263	0.066843083
17869 AGI_HUM1_OLIGO_A_32_P95729	<u>FLJ10719 Hypothetical protein FLJ10719 AK001581 </u>	-4.15235184	-2.307333333	0.555669034	0.22781	0.066843083
13614 AGI_HUM1_OLIGO_A_24_P416131	<u>COTL1 Coactosin-like 1 (Dictyostelium) NM_021149 </u>	-4.14919922	-1.756444444	0.423321308	0.29467	0.066843083
5500 AGI_HUM1_OLIGO_A_23_P324754	<u>KIAA1199 KIAA1199 AY007811 </u>	-4.14758647	-3.727	0.898594888	0.05674	0.066843083
11041 AGI_HUM1_OLIGO_A_24_P200427	<u>PAICS Phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamid</u>	-4.14742153	-1.305555556	0.314787283	0.39763	0.066843083
8349 AGI_HUM1_OLIGO_A_23_P65110	<u>RACGAP1 Rac GTPase activating protein 1 NM_013277 </u>	-4.12770766	-2.246222222	0.544181518	0.22350	0.066843083
17752 AGI_HUM1_OLIGO_A_32_P8546	<u>C6orf176 Chromosome 6 open reading frame 176 BC008632 </u>	-4.12724965	-2.257555556	0.546987885	0.25255	0.066843083
13901 AGI_HUM1_OLIGO_A_24_P504405	<u>SNRPF Small nuclear ribonucleoprotein polypeptide F NM_003095 </u>	-4.12275473	-1.246888889	0.302440715	0.42499	0.066843083
12267 AGI_HUM1_OLIGO_A_24_P305556	<u>MCM8 MCM8 minichromosome maintenance deficient 8 (S. cerevisiae) NM_032485 </u>	-4.12027941	-1.737555556	0.421708186	0.29650	0.066843083
741 AGI_HUM1_OLIGO_A_23_P117068	<u>SNRPF Small nuclear ribonucleoprotein polypeptide F NM_003095 </u>	-4.10778861	-1.306	0.317932621	0.40260	0.066843083
1380 AGI_HUM1_OLIGO_A_23_P131255	<u>DNAPT6 DNA polymerase-transactivated protein 6 AF193059 </u>	-4.09794306	-1.653777778	0.403562898	0.32116	0.066843083
719 AGI_HUM1_OLIGO_A_23_P11652	<u>USP1 Ubiquitin specific protease 1 NM_003368 </u>	-4.09672946	-1.472222222	0.359365254	0.35464	0.066843083
1095 AGI_HUM1_OLIGO_A_23_P124417	<u>BUB1 BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) NM_004336 </u>	-4.08096391	-2.605777778	0.638520172	0.21708	0.066843083
5799 AGI_HUM1_OLIGO_A_23_P345707	<u>MGC45866 Leucine-rich repeat kinase 1 NM_152259 </u>	-4.07709105	-1.951333333	0.478609212	0.26833	0.066843083
10160 AGI_HUM1_OLIGO_A_24_P124550	<u> I_929264 </u>	-4.07219845	-2.883355556	0.708058703	0.19312	0.066843083
2925 AGI_HUM1_OLIGO_A_23_P16523	<u>GDF15 Growth differentiation factor 15 NM_004864 </u>	-4.06626509	-3.159333333	0.776961969	0.09717	0.066843083
12065 AGI_HUM1_OLIGO_A_24_P287826	<u> NM_018124 </u>	-4.05423455	-1.723555556	0.425124776	0.30826	0.066843083
6135 AGI_HUM1_OLIGO_A_23_P364107	<u>C14orf106 Chromosome 14 open reading frame 106 NM_018353 </u>	-4.04296417	-1.779111111	0.440051169	0.31482	0.066843083
13211 AGI_HUM1_OLIGO_A_24_P384200	<u> ENST00000328740 </u>	-4.04229331	-1.384	0.342379905	0.38304	0.066843083
16542 AGI_HUM1_OLIGO_A_32_P192430	<u> I_3537291 </u>	-4.03916372	-2.289555556	0.566839008	0.23935	0.066843083
6649 AGI_HUM1_OLIGO_A_23_P395374	<u>HIST1H4D Histone 1, H4d NM_003539 </u>	-4.03896401	-2.339777778	0.579301468	0.18924	0.066843083
7408 AGI_HUM1_OLIGO_A_23_P45917	<u>CKS1B CDC28 protein kinase regulatory subunit 1B NM_001826 </u>	-4.03312931	-2.212666667	0.548622793	0.24773	0.066843083
9528 AGI_HUM1_OLIGO_A_23_P91900	<u>SMC4L1 SMC4 structural maintenance of chromosomes 4-like 1 (yeast) NM_005496 </u>	-4.03056514	-2.22	0.550791247	0.22938	0.066843083
709 AGI_HUM1_OLIGO_A_23_P116123	<u>CHEK1 CHK1 checkpoint homolog (S. pombe) NM_001274 </u>	-4.02127138	-2.291333333	0.569803208	0.20252	0.066843083
7477 AGI_HUM1_OLIGO_A_23_P47565	<u>LDHA Lactate dehydrogenase A NM_005566 </u>	-4.02042699	-2.135555556	0.531176306	0.22919	0.066843083
3237 AGI_HUM1_OLIGO_A_23_P18579	<u>PTTG2 Pituitary tumor-transforming 2 NM_006607 </u>	-4.01839974	-2.204	0.548477041	0.24995	0.066843083
1004 AGI_HUM1_OLIGO_A_23_P122197	<u>CCNB1 Cyclin B1 NM_031966 </u>	-4.01652368	-2.763111111	0.687935969	0.18853	0.066843083
6780 AGI_HUM1_OLIGO_A_23_P40307	<u>SNRPB2 Small nuclear ribonucleoprotein polypeptide B" NM_003092 </u>	-4.01053491	-2.028222222	0.505723617	0.24602	0.066843083
9789 AGI_HUM1_OLIGO_A_23_P9836	<u>ETV5 Ets variant gene 5 (ets-related molecule) BC007333 </u>	-4.00343159	-3.434	0.857764126	0.22186	0.066843083
11655 AGI_HUM1_OLIGO_A_24_P250535	<u>DJ971N18.2 Hypothetical protein DJ971N18.2 AK075404 </u>	-4.00158315	-2.132444444	0.532900195	0.22077	0.066843083
3809 AGI_HUM1_OLIGO_A_23_P209449	<u>FZD7 Frizzled homolog 7 (Drosophila) NM_003507 </u>	-3.9984015	-2.143777778	0.536158707	0.26637	0.066843083
9608 AGI_HUM1_OLIGO_A_23_P93690	<u>MCM7 MCM7 minichromosome maintenance deficient 7 (S. cerevisiae) NM_005916 </u>	-3.99661996	-1.256666667	0.314432365	0.42329	0.066843083
2558 AGI_HUM1_OLIGO_A_23_P156842	<u>EEF1E1 Eukaryotic translation elongation factor 1 epsilon 1 NM_004280 </u>	-3.99435221	-1.309111111	0.32774053	0.40056	0.066843083
6468 AGI_HUM1_OLIGO_A_23_P383835	<u>ACAT2 Acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase) NM_005891 </u>	-3.98614861	-1.914888889	0.480385725	0.27374	0.066843083
10975 AGI_HUM1_OLIGO_A_24_P194260	<u> I_961813 </u>	-3.98473674	-1.701066667	0.426895621	0.29777	0.066843083
698 AGI_HUM1_OLIGO_A_23_P115872	<u>C10orf3 Chromosome 10 open reading frame 3 NM_018131 </u>	-3.97958281	-3.037777778	0.763340762	0.19421	0.066843083
14690 AGI_HUM1_OLIGO_A_24_P76521	<u>GS2 Haspin AK056691 </u>	-3.97434793	-1.913777778	0.481532521	0.27851	0.066843083
9219 AGI_HUM1_OLIGO_A_23_P8513	<u>SNX10 Sorting nexin 10 NM_013322 </u>	-3.96349645	-2.143555556	0.540824392	0.21824	0.066843083
8178 AGI_HUM1_OLIGO_A_23_P60933	<u> I_1109770 </u>	-3.94289909	-2.568222222	0.65135378	0.17385	0.066843083
8836 AGI_HUM1_OLIGO_A_23_P7636	<u>PTTG1 Pituitary tumor-transforming 1 NM_004219 </u>	-3.94196492	-2.442	0.619488009	0.22043	0.066843083
859 AGI_HUM1_OLIGO_A_23_P119254	<u>ASF1B ASF1 anti-silencing function 1 homolog B (S. cerevisiae) NM_018154 </u>	-3.93777171	-1.458	0.370260164	0.38108	0.066843083
2850 AGI_HUM1_OLIGO_A_23_P163782	<u>MT1H Metallothionein 1H BC008408 </u>	-3.93726924	-2.348222222	0.59640885	0.19915	0.066843083
7602 AGI_HUM1_OLIGO_A_23_P500390	<u>DONSON Downstream neighbor of SON NM_017613 </u>	-3.93673161	-1.586444444	0.402985167	0.33134	0.066843083
5835 AGI_HUM1_OLIGO_A_23_P34788	<u>KIF2C Kinesin family member 2C NM_006845 </u>	-3.91674998	-2.482888889	0.633915593	0.21539	0.066843083

9587 AGI_HUM1_OLIGO_A_23_P93258	<u>HIST1H3B Histone 1, H3b NM_003537 </u>	-3.91551712	-2.070222222	0.528722556	0.25284	0.066843083
11356 AGI_HUM1_OLIGO_A_24_P226008	<u>MGLL Monoglyceride lipase NM_007283 </u>	-3.91411196	-2.604222222	0.665341781	0.15738	0.066843083
6219 AGI_HUM1_OLIGO_A_23_P369701	<u>LOC58489 Hypothetical protein from EUROMAGE 588495 AL390079 </u>	-3.91265715	-2.351333333	0.600955627	0.17845	0.066843083
3706 AGI_HUM1_OLIGO_A_23_P207400	<u>BRCA1 Breast cancer 1, early onset NM_007294 </u>	-3.91220975	-1.850222222	0.472935334	0.30540	0.066843083
4612 AGI_HUM1_OLIGO_A_23_P253752	<u>FAM54A Family with sequence similarity 54, member A NM_138419 </u>	-3.909476	-2.297177778	0.587592245	0.26549	0.066843083
13392 AGI_HUM1_OLIGO_A_24_P399888	<u>C22orf18 Chromosome 22 open reading frame 18 NM_024053 </u>	-3.90783225	-1.990888889	0.509461196	0.29120	0.066843083
1715 AGI_HUM1_OLIGO_A_23_P138796	<u>AMOTL1 Angiomotin like 1 BC037539 </u>	-3.90272832	-1.635333333	0.419023103	0.32294	0.066843083
16096 AGI_HUM1_OLIGO_A_32_P148672	<u> I_2016247 </u>	-3.90078804	-1.340222222	0.3435773	0.39943	0.066843083
14753 AGI_HUM1_OLIGO_A_24_P789425	<u> THC1560798 </u>	-3.8966352	-1.894888889	0.486288501	0.28931	0.066843083
5505 AGI_HUM1_OLIGO_A_23_P325040	<u>TMPO Thymopoietin NM_003276 </u>	-3.88441018	-1.985711111	0.511200162	0.29356	0.066843083
9686 AGI_HUM1_OLIGO_A_23_P95930	<u>HMGA2 High mobility group AT-hook 2 NM_003483 </u>	-3.88332554	-3.289111111	0.846983101	0.11097	0.066843083
13980 AGI_HUM1_OLIGO_A_24_P53519	<u>CHAF1A Chromatin assembly factor 1, subunit A (p150) NM_005483 </u>	-3.87473324	-1.489111111	0.384313195	0.35198	0.066843083
4312 AGI_HUM1_OLIGO_A_23_P219045	<u>HIST1H3D Histone 1, H3d NM_003530 </u>	-3.85499217	-2.538888889	0.658597767	0.19431	0.066843083
11533 AGI_HUM1_OLIGO_A_24_P241276	<u>EXOSC8 Exosome component 8 NM_181503 </u>	-3.85192193	-1.485111111	0.385550678	0.34880	0.066843083
4921 AGI_HUM1_OLIGO_A_23_P26777	<u>PCNT1 Pericentrin 1 NM_024844 </u>	-3.84406687	-1.028888889	0.267656345	0.48853	0.066843083
4100 AGI_HUM1_OLIGO_A_23_P215208	<u>FIGL1 Fidgetin-like 1 NM_022116 </u>	-3.84324093	-1.790444444	0.465868384	0.29629	0.066843083
12183 AGI_HUM1_OLIGO_A_24_P297539	<u>UBE2C Ubiquitin-conjugating enzyme E2C NM_181803 </u>	-3.83440793	-2.902222222	0.756889272	0.17140	0.066843083
16880 AGI_HUM1_OLIGO_A_32_P222961	<u>LOC139886 Hypothetical protein LOC139886 AK021705 </u>	-3.83241036	-1.635377778	0.426723034	0.31167	0.066843083
17500 AGI_HUM1_OLIGO_A_32_P62997	<u>TOPK T-LAK cell-originated protein kinase NM_018492 </u>	-3.83126903	-2.459333333	0.641910895	0.25222	0.066843083
8088 AGI_HUM1_OLIGO_A_23_P5903	<u>SLCO4A1 Solute carrier organic anion transporter family, member 4A1 NM_016354 </u>	-3.83054075	-2.053777778	0.536158707	0.22609	0.066843083
14883 AGI_HUM1_OLIGO_A_24_P83678	<u> ENST00000275053 </u>	-3.82197951	-1.696377778	0.443847952	0.33133	0.066843083
12296 AGI_HUM1_OLIGO_A_24_P306896	<u> ENST00000323198 </u>	-3.8170609	-2.707777778	0.709388152	0.18969	0.066843083
12308 AGI_HUM1_OLIGO_A_24_P307126	<u> ENST00000328753 </u>	-3.80669512	-1.911333333	0.502097823	0.26756	0.066843083
7538 AGI_HUM1_OLIGO_A_23_P48835	<u>KIF23 Kinesin family member 23 NM_138555 </u>	-3.80553598	-1.899333333	0.499097458	0.30741	0.066843083
4045 AGI_HUM1_OLIGO_A_23_P214121	<u>AMD1 Adenosylmethionine decarboxylase 1 M21154 </u>	-3.79436299	-1.795111111	0.473099468	0.26705	0.066843083
13289 AGI_HUM1_OLIGO_A_24_P392109	<u>BM039 Uncharacterized bone marrow protein BM039 NM_018455 </u>	-3.79313637	-1.65	0.434996225	0.35401	0.066843083
1509 AGI_HUM1_OLIGO_A_23_P134125	<u>MAP3K5 Mitogen-activated protein kinase kinase kinase 5 NM_005923 </u>	-3.77055844	-2.210888889	0.586355821	0.29300	0.066843083
912 AGI_HUM1_OLIGO_A_23_P120316	<u>MTHFD2 Methylene tetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cycl</u>	-3.77030601	-2.204888889	0.584803696	0.25903	0.066843083
16488 AGI_HUM1_OLIGO_A_24_P846474	<u>RACGAP1 Rac GTPase activating protein 1 NM_013277 </u>	-3.76662447	-2.349111111	0.623664804	0.25151	0.066843083
17256 AGI_HUM1_OLIGO_A_32_P42406	<u> Homo sapiens, clone IMAGE:4337652, mRNA BC018676 </u>	-3.76322733	-1.596	0.424104062	0.31975	0.066843083
17514 AGI_HUM1_OLIGO_A_32_P64919	<u> Homo sapiens, Similar to diaphanous homolog 3 (Drosophila), clone IMAGE:5277415, mRNA BC041</u>	-3.75780776	-1.767111111	0.470250536	0.31418	0.066843083
5043 AGI_HUM1_OLIGO_A_23_P29036	<u>IFNGR2 Interferon gamma receptor 2 (interferon gamma transducer 1) NM_005534 </u>	-3.75004474	-1.655933333	0.441576953	0.36132	0.066843083
15465 AGI_HUM1_OLIGO_A_23_P22224	<u>DJ971N18.2 Hypothetical protein DJ971N18.2 AB032988 </u>	-3.74912733	-1.894222222	0.505243502	0.25189	0.066843083
4646 AGI_HUM1_OLIGO_A_23_P254612	<u>ASK Activator of S phase kinase AB028070 </u>	-3.74520489	-1.711333333	0.456939843	0.31616	0.066843083
801 AGI_HUM1_OLIGO_A_23_P118061	<u>CKLF Chemokine-like factor NM_181641 </u>	-3.74187379	-1.784222222	0.47682587	0.30206	0.066843083
16245 AGI_HUM1_OLIGO_A_32_P162250	<u>ARHGAP18 Rho GTPase activating protein 18 NM_033515 </u>	-3.73936654	-1.308444444	0.349910722	0.40266	0.066843083
4651 AGI_HUM1_OLIGO_A_23_P254733	<u>MLF1IP MLF1 interacting protein NM_024629 </u>	-3.73610848	-2.052666667	0.549413026	0.28374	0.066843083
2902 AGI_HUM1_OLIGO_A_23_P164826	<u>RNASEH2A Ribonuclease H2, large subunit NM_006397 </u>	-3.73484856	-1.898222222	0.508246102	0.29399	0.066843083
10286 AGI_HUM1_OLIGO_A_24_P13533	<u>PPI5 Peptidylprolyl isomerase (cyclophilin)-like 5 NM_152329 </u>	-3.72938086	-1.192	0.3196241	0.44063	0.066843083
16361 AGI_HUM1_OLIGO_A_32_P173227	<u> BM557280 </u>	-3.71985673	-1.503733333	0.404244959	0.35299	0.066843083
13565 AGI_HUM1_OLIGO_A_24_P412088	<u>MCM10 MCM10 minichromosome maintenance deficient 10 (S. cerevisiae) AB042719 </u>	-3.71887659	-2.482355556	0.667501461	0.25823	0.066843083
14326 AGI_HUM1_OLIGO_A_24_P655268	<u>KRTAP4-7 Keratin associated protein 4-7 AY007106 </u>	-3.71018021	-1.406888889	0.379196915	0.37894	0.066843083
2518 AGI_HUM1_OLIGO_A_23_P155969	<u>PLK4 Polo-like kinase 4 (Drosophila) NM_014264 </u>	-3.7063091	-1.761111111	0.475165741	0.32730	0.066843083
4330 AGI_HUM1_OLIGO_A_23_P22224	<u>EIF4EBP1 Eukaryotic translation initiation factor 4E binding protein 1 NM_004095 </u>	-3.69880711	-1.087777778	0.294088809	0.46992	0.066843083
787 AGI_HUM1_OLIGO_A_23_P117852	<u>KIAA0101 KIAA0101 NM_014736 </u>	-3.69459181	-2.862666667	0.774826236	0.16682	0.066843083
5975 AGI_HUM1_OLIGO_A_23_P356021	<u>FANCB Fanconi anemia, complementation group B NM_152633 </u>	-3.68771441	-1.406822222	0.38148893	0.37018	0.066843083
9700 AGI_HUM1_OLIGO_A_23_P96325	<u> NM_017669 </u>	-3.68754694	-1.805	0.489485295	0.31055	0.066843083
14915 AGI_HUM1_OLIGO_A_24_P84428	<u> ENST00000326269 </u>	-3.68540905	-1.451111111	0.393744925	0.37524	0.066843083
16512 AGI_HUM1_OLIGO_A_32_P188921	<u>BIRC5 Baculoviral IAP repeat-containing 5 (survivin) BC012164 </u>	-3.68534669	-2.05	0.556257029	0.28090	0.066843083
581 AGI_HUM1_OLIGO_A_23_P112673	<u>FLJ10036 Zwlisch AK000898 </u>	-3.68199225	-1.740222222	0.472630605	0.29483	0.066843083
8485 AGI_HUM1_OLIGO_A_23_P68547	<u>MCM8 MCM8 minichromosome maintenance deficient 8 (S. cerevisiae) NM_032485 </u>	-3.67722925	-1.504222222	0.409064032	0.35288	0.066843083
12066 AGI_HUM1_OLIGO_A_24_P287941	<u>HUMGT198A GT198, complete ORF NM_013290 </u>	-3.6732112	-1.958444444	0.533169573	0.30396	0.066843083
8730 AGI_HUM1_OLIGO_A_23_P74034	<u>CACYBP Calcyclin binding protein AF057356 </u>	-3.67103694	-1.480888889	0.403397981	0.35078	0.066843083

3320 AGI_HUM1_OLIGO_A_23_P200222	<u>LRP8 Low density lipoprotein receptor-related protein 8, apolipoprotein e receptor NM_004631 </u>	-3.66955774	-2.005555556	0.546538765	0.28343	0.066843083
11245 AGI_HUM1_OLIGO_A_24_P215804	<u>CKLF Chemokine-like factor NM_016326 </u>	-3.65372623	-1.793288889	0.490810963	0.30507	0.066843083
3961 AGI_HUM1_OLIGO_A_23_P212436	<u>CTDSP1 CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like C</u>	-3.65233917	-2.470888889	0.676522298	0.19705	0.066843083
4458 AGI_HUM1_OLIGO_A_23_P25019	<u>PRIM1 Primase, polypeptide 1, 49kDa NM_000946 </u>	-3.64937461	-1.587555556	0.435021264	0.33694	0.066843083
11274 AGI_HUM1_OLIGO_A_24_P218979	<u>CDCA3 Cell division cycle associated 3 NM_031299 </u>	-3.64912661	-1.718	0.470797587	0.30809	0.066843083
7136 AGI_HUM1_OLIGO_A_23_P425502	<u>DONSON Downstream neighbor of SON NM_017613 </u>	-3.64892077	-1.368	0.374905373	0.40426	0.066843083
7785 AGI_HUM1_OLIGO_A_23_P52278	<u>KIF11 Kinesin family member 11 X85137 </u>	-3.64678418	-2.177333333	0.597055714	0.25715	0.066843083
8379 AGI_HUM1_OLIGO_A_23_P65757	<u>CCNB2 Cyclin B2 NM_004701 </u>	-3.63846989	-2.109555556	0.579791951	0.26826	0.066843083
7455 AGI_HUM1_OLIGO_A_23_P46924	<u>BUB3 BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) AF081496 </u>	-3.63550036	-1.147333333	0.315591588	0.45388	0.066843083
12561 AGI_HUM1_OLIGO_A_24_P329487	<u>NSE2 Breast cancer membrane protein 101 BC033717 </u>	-3.63470451	-3.263555556	0.897887447	0.07850	0.066843083
15440 AGI_HUM1_OLIGO_A_24_P941336	<u>FLJ10534 Hypothetical protein FLJ10534 NM_018128 </u>	-3.63214223	-1.225555556	0.337419484	0.41748	0.066843083
9959 AGI_HUM1_OLIGO_A_24_P107695	<u>ACTN1 Actinin, alpha 1 NM_001102 </u>	-3.62648447	-1.520666667	0.419322536	0.33601	0.066843083
716 AGI_HUM1_OLIGO_A_23_P116387	<u>INCENP Inner centromere protein antigens 135/155kDa NM_020238 </u>	-3.62470141	-2.049333333	0.565379903	0.25982	0.066843083
6393 AGI_HUM1_OLIGO_A_23_P37983	<u>MT1B Metallothionein 1B (functional) NM_005947 </u>	-3.6239471	-2.317333333	0.639450099	0.20995	0.066843083
12943 AGI_HUM1_OLIGO_A_24_P361896	<u>MT2A Metallothionein 2A NM_005953 </u>	-3.61603897	-2.609333333	0.721599893	0.17293	0.066843083
9910 AGI_HUM1_OLIGO_A_24_P103004	<u>SLC20A1 Solute carrier family 20 (phosphate transporter), member 1 NM_005415 </u>	-3.61082564	-2.254666667	0.624418594	0.19315	0.066843083
8727 AGI_HUM1_OLIGO_A_23_P73982	<u>FLJ10407 Hypothetical protein FLJ10407 NM_018087 </u>	-3.60941488	-2.040666667	0.565373262	0.26861	0.066843083
6092 AGI_HUM1_OLIGO_A_23_P361419	<u>DEPDC1B DEP domain containing 1B NM_018369 </u>	-3.60575286	-2.158888889	0.59873457	0.29221	0.066843083
4300 AGI_HUM1_OLIGO_A_23_P218827	<u>POLO Polymerase (DNA directed), theta NM_006596 </u>	-3.59636585	-1.951	0.542492083	0.27135	0.066843083
30 AGI_HUM1_OLIGO_A_23_P100632	<u>HN1 Hematological and neurological expressed 1 BC001420 </u>	-3.59014615	-1.449777778	0.403821381	0.38063	0.066843083
1859 AGI_HUM1_OLIGO_A_23_P141965	<u>MGC20533 Similar to RIKEN cDNA 2410004L22 gene (M. musculus) BC010176 </u>	-3.57775137	-1.537777778	0.429816837	0.34320	0.066843083
3998 AGI_HUM1_OLIGO_A_23_P213166	<u>LOC91431 Prematurely terminated mRNA decay factor-like NM_138698 </u>	-3.57463767	-1.414577778	0.395726199	0.38019	0.066843083
6319 AGI_HUM1_OLIGO_A_23_P375	<u>CDCA8 Cell division cycle associated 8 NM_018101 </u>	-3.57006331	-2.177555556	0.609948722	0.27456	0.066843083
16236 AGI_HUM1_OLIGO_A_32_P161855	<u>KIAA1199 KIAA1199 AY007811 </u>	-3.56909568	-3.614666667	1.012768216	0.08833	0.066843083
6320 AGI_HUM1_OLIGO_A_23_P375104	<u>FLJ10719 Hypothetical protein FLJ10719 AB058697 </u>	-3.56818193	-2.270444444	0.636302881	0.23504	0.066843083
12782 AGI_HUM1_OLIGO_A_24_P346855	<u>MKI67 Antigen identified by monoclonal antibody Ki-67 NM_002417 </u>	-3.56568761	-2.348555556	0.658654323	0.23143	0.066843083
6661 AGI_HUM1_OLIGO_A_23_P39574	<u>DKFZp434P055 Hypothetical protein DKFZp434P055 NM_173466 </u>	-3.56425357	-1.793555556	0.503206497	0.32876	0.066843083
3629 AGI_HUM1_OLIGO_A_23_P206059	<u>PRC1 Protein regulator of cytokinesis 1 NM_003981 </u>	-3.56136808	-2.495777778	0.700791864	0.23361	0.066843083
12373 AGI_HUM1_OLIGO_A_23_P313504	<u>PLK1 Polo-like kinase 1 (Drosophila) NM_005030 </u>	-3.56131953	-1.959777778	0.550295407	0.28351	0.066843083
9443 AGI_HUM1_OLIGO_A_23_P89941	<u>CDKN2D Cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) NM_001800 </u>	-3.55818776	-1.623555556	0.456287208	0.34447	0.066843083
11370 AGI_HUM1_OLIGO_A_24_P227091	<u>KIF11 Kinesin family member 11 NM_004523 </u>	-3.55620236	-1.732888889	0.487286356	0.29927	0.066843083
8055 AGI_HUM1_OLIGO_A_23_P58321	<u>CCNA2 Cyclin A2 NM_001237 </u>	-3.55441466	-1.945333333	0.547300616	0.28486	0.066843083
17373 AGI_HUM1_OLIGO_A_32_P51084	<u>NUP205 Nucleoporin 205kDa D86978 </u>	-3.55423419	-1.178444444	0.331560719	0.44162	0.066843083
8648 AGI_HUM1_OLIGO_A_23_P71727	<u>CKS2 CDC28 protein kinase regulatory subunit 2 NM_001827 </u>	-3.55319526	-2.356222222	0.663127707	0.21034	0.066843083
845 AGI_HUM1_OLIGO_A_23_P118834	<u>TOP2A Topoisomerase (DNA) II alpha 170kDa NM_001067 </u>	-3.55088298	-2.380222222	0.670318406	0.23633	0.066843083
6512 AGI_HUM1_OLIGO_A_23_P3866	<u>COTL1 Coactosin-like 1 (Dictyostelium) NM_021149 </u>	-3.55061711	-1.645777778	0.463518799	0.33635	0.066843083
9315 AGI_HUM1_OLIGO_A_23_P87351	<u>RRM1 Ribonucleotide reductase M1 polypeptide NM_001033 </u>	-3.54612405	-1.649333333	0.465108753	0.34575	0.066843083
2507 AGI_HUM1_OLIGO_A_23_P155711	<u>FLJ10858 DNA glycosylase hFPG2 NM_018248 </u>	-3.53676219	-1.77	0.500457737	0.34507	0.066843083
844 AGI_HUM1_OLIGO_A_23_P118815	<u>BIRC5 Baculoviral IAP repeat-containing 5 (survivin) BC000784 </u>	-3.52910383	-2.408222222	0.682389167	0.26014	0.066843083
4190 AGI_HUM1_OLIGO_A_23_P21706	<u>CTPS CTP synthase NM_001905 </u>	-3.52734981	-1.35	0.382723595	0.39206	0.066843083
5036 AGI_HUM1_OLIGO_A_23_P28886	<u>PCNA Proliferating cell nuclear antigen NM_002592 </u>	-3.52283804	-1.457777778	0.413807777	0.35066	0.066843083
10997 AGI_HUM1_OLIGO_A_24_P195454	<u> ENST00000317847 </u>	-3.52129466	-2.084444444	0.591953996	0.26487	0.066843083
7772 AGI_HUM1_OLIGO_A_23_P52017	<u>ASPM Asp (abnormal spindle)-like, microcephaly associated (Drosophila) NM_018136 </u>	-3.51988146	-2.436222222	0.692131895	0.26218	0.066843083
2724 AGI_HUM1_OLIGO_A_23_P160934	<u>ANP32E Acidic (leucine-rich) nuclear phosphoprotein 32 family, member E AY057381 </u>	-3.51839363	-1.431555556	0.4068776	0.38448	0.066843083
4757 AGI_HUM1_OLIGO_A_23_P25706	<u>CLMN Calmin (calponin-like, transmembrane) NM_024734 </u>	-3.51701268	-1.669133333	0.474588375	0.34663	0.066843083
15108 AGI_HUM1_OLIGO_A_24_P911179	<u>ASPM Asp (abnormal spindle)-like, microcephaly associated (Drosophila) AY099892 </u>	-3.5154295	-2.618	0.744716969	0.21167	0.066843083
2949 AGI_HUM1_OLIGO_A_23_P165691	<u>PSMD14 Transmembrane anchor protein 1 NM_005805 </u>	-3.51291044	-1.030888889	0.293457208	0.48969	0.066843083
14547 AGI_HUM1_OLIGO_A_24_P724040	<u> XM_302250 </u>	-3.51172777	-1.578666667	0.4495413	0.32088	0.066843083
10207 AGI_HUM1_OLIGO_A_24_P127462	<u> ENST00000330305 </u>	-3.51029821	-1.581333333	0.450484044	0.31458	0.066843083
105 AGI_HUM1_OLIGO_A_23_P102320	<u>NUP35 Nucleoporin 35kDa NM_138285 </u>	-3.51018487	-1.985111111	0.565528936	0.26419	0.066843083
2470 AGI_HUM1_OLIGO_A_23_P154849	<u>OLIG1 Oligodendrocyte transcription factor 1 BC033290 </u>	-3.50886177	-1.777111111	0.506449266	0.26999	0.066843083
5944 AGI_HUM1_OLIGO_A_23_P354297	<u>CTHF18 CTF18, chromosome transmission fidelity factor 18 homolog (S. cerevisiae) NM_022092 </u>	-3.50656992	-2.103555556	0.599889808	0.27903	0.066843083
7032 AGI_HUM1_OLIGO_A_23_P41942	<u>POLR3G Polymerase (RNA) III (DNA directed) polypeptide G (32kD) NM_006467 </u>	-3.491737	-2.235533333	0.640235314	0.22528	0.066843083

4388 AGI_HUM1_OLIGO_A_23_P23765	<u>ITGB3BP Integrin beta 3 binding protein (beta3-endonexin) NM_014288 </u>	-3.48908995	-1.446	0.414434715	0.38920	0.066843083
8610 AGI_HUM1_OLIGO_A_23_P7101	<u>SLBP Stem-loop (histone) binding protein NM_006527 </u>	-3.48764369	-1.053777778	0.302146054	0.48906	0.066843083
4557 AGI_HUM1_OLIGO_A_23_P252371	<u>RBBP8 Retinoblastoma binding protein 8 NM_002894 </u>	-3.48404521	-1.281111111	0.367707947	0.40340	0.066843083
1407 AGI_HUM1_OLIGO_A_23_P131866	<u>STK6 Serine/threonine kinase 6 NM_003600 </u>	-3.48127336	-2.138222222	0.61420693	0.24182	0.066843083
2284 AGI_HUM1_OLIGO_A_23_P151405	<u>CKAP2 Cytoskeleton associated protein 2 NM_018204 </u>	-3.47977712	-1.542888889	0.443387274	0.35280	0.066843083
10763 AGI_HUM1_OLIGO_A_24_P176374	<u>CDT1 DNA replication factor NM_030928 </u>	-3.47906359	-1.258888889	0.361847047	0.40558	0.066843083
11322 AGI_HUM1_OLIGO_A_24_P222184	<u>FLJ10407 Hypothetical protein FLJ10407 AL354612 </u>	-3.47630991	-1.187111111	0.341485984	0.44439	0.066843083
7164 AGI_HUM1_OLIGO_A_23_P427703	<u>MT1L Metallothionein 1L X97261 </u>	-3.476277	-2.149333333	0.61828598	0.20752	0.066843083
101 AGI_HUM1_OLIGO_A_23_P102235	<u>SNRPG Small nuclear ribonucleoprotein polypeptide G NM_003096 </u>	-3.47141033	-1.257111111	0.362132676	0.40973	0.066843083
4715 AGI_HUM1_OLIGO_A_23_P25626	<u>FLJ22624 FLJ22624 protein NM_024808 </u>	-3.46523957	-1.465555556	0.422930515	0.36995	0.066843083
1502 AGI_HUM1_OLIGO_A_23_P133995	<u>PP1L1 Peptidylprolyl isomerase (cyclophilin)-like 1 NM_016059 </u>	-3.46478513	-1.196666667	0.345379763	0.43301	0.066843083
6501 AGI_HUM1_OLIGO_A_23_P385861	<u>CDCA2 Cell division cycle associated 2 AK098670 </u>	-3.46407026	-2.471777778	0.713547241	0.26386	0.066843083
1625 AGI_HUM1_OLIGO_A_23_P136805	<u>ARHGAP11A Rho GTPase activating protein 11A BC039563 </u>	-3.46271215	-2.210888889	0.638484746	0.26531	0.066843083
4586 AGI_HUM1_OLIGO_A_23_P253046	<u>UGP2 UDP-glucose pyrophosphorylase 2 NM_006759 </u>	-3.45647798	-1.694888889	0.490351421	0.35196	0.066843083
5193 AGI_HUM1_OLIGO_A_23_P306964	<u>SEPT11 Septin 11 NM_018243 </u>	-3.45549355	-1.806444444	0.522774655	0.29183	0.066843083
3325 AGI_HUM1_OLIGO_A_23_P200310	<u>DEPDC1 DEP domain containing 1 NM_017779 </u>	-3.45441428	-2.180444444	0.631205254	0.25406	0.066843083
5 AGI_HUM1_OLIGO_A_23_P100127	<u>AF15Q14 AF15q14 protein NM_020380 </u>	-3.4535128	-2.254222222	0.652733131	0.24944	0.066843083
4681 AGI_HUM1_OLIGO_A_23_P255376	<u>FLJ20647 Hypothetical protein FLJ20647 NM_017918 </u>	-3.45017054	-1.416666667	0.410607722	0.36480	0.066843083
8568 AGI_HUM1_OLIGO_A_23_P70328	<u>C6orf139 Chromosome 6 open reading frame 139 NM_018132 </u>	-3.44266701	-1.158	0.336367123	0.44433	0.066843083
7227 AGI_HUM1_OLIGO_A_23_P43157	<u>MYBL1 V-myb myeloblastosis viral oncogene homolog (avian)-like 1 X66087 </u>	-3.44070419	-2.022666667	0.587864156	0.26760	0.066843083
3139 AGI_HUM1_OLIGO_A_23_P170491	<u>TRIP TRAF interacting protein NM_005879 </u>	-3.42685796	-1.879555556	0.548477812	0.29996	0.066843083
5931 AGI_HUM1_OLIGO_A_23_P353717	<u>MGC24665 Hypothetical protein MGC24665 NM_152308 </u>	-3.42117469	-2.402	0.702098027	0.22426	0.066843083
17654 AGI_HUM1_OLIGO_A_32_P77343	<u> BG494177 </u>	-3.41995472	-1.3798	0.403455635	0.37629	0.066843083
3145 AGI_HUM1_OLIGO_A_23_P17065	<u>CCL20 Chemokine (C-C motif) ligand 20 NM_004591 </u>	-3.41664426	-1.940911111	0.568075271	0.28720	0.066843083
7479 AGI_HUM1_OLIGO_A_23_P47614	<u>PHLDA2 Pleckstrin homology-like domain, family A, member 2 NM_003311 </u>	-3.41573826	-2.923777778	0.855972429	0.10802	0.066843083
6029 AGI_HUM1_OLIGO_A_23_P358548	<u>SLC43A3 Solute carrier family 43, member 3 NM_017611 </u>	-3.4122371	-1.514666667	0.443892562	0.35992	0.066843083
10702 AGI_HUM1_OLIGO_A_24_P170384	<u> ENST00000313760 </u>	-3.40962004	-2.096933333	0.615004988	0.27070	0.066843083
13974 AGI_HUM1_OLIGO_A_24_P532589	<u> Similar to RIKEN cDNA 2410129H14 BC013405 </u>	-3.3982956	-1.431333333	0.421191533	0.36148	0.066843083
5388 AGI_HUM1_OLIGO_A_23_P318115	<u>LOC57228 Hypothetical protein from clone 643 NM_020467 </u>	-3.39231823	-1.775555556	0.523404774	0.27050	0.066843083
1291 AGI_HUM1_OLIGO_A_23_P129188	<u>CALML4 Calmodulin-like 4 AF308287 </u>	-3.38794697	-1.198444444	0.353737663	0.43656	0.066843083
5904 AGI_HUM1_OLIGO_A_23_P352266	<u>BCL2 B-cell CLL/lymphoma 2 NM_000633 </u>	-3.38776042	-2.089111111	0.61666436	0.31682	0.066843083
9677 AGI_HUM1_OLIGO_A_23_P9574	<u>ECT2 Epithelial cell transforming sequence 2 oncogene NM_018098 </u>	-3.38579151	-1.899333333	0.560971734	0.30689	0.066843083
1520 AGI_HUM1_OLIGO_A_23_P134274	<u>POP7 Processing of precursor 7, ribonuclease P subunit (S. cerevisiae) NM_005837 </u>	-3.38515893	-1.057111111	0.312278133	0.48132	0.066843083
15744 AGI_HUM1_OLIGO_A_32_P114574	<u>CACYBP Calcyclin binding protein AF057356 </u>	-3.37709684	-1.284444444	0.380339832	0.41424	0.066843083
2703 AGI_HUM1_OLIGO_A_23_P160503	<u>GLRX2 Glutaredoxin 2 NM_016066 </u>	-3.36824127	-1.087333333	0.322819313	0.47896	0.066843083
6802 AGI_HUM1_OLIGO_A_23_P40453	<u>CBR3 Carbonyl reductase 3 NM_001236 </u>	-3.36459176	-1.518666667	0.45136729	0.36606	0.066843083
8418 AGI_HUM1_OLIGO_A_23_P66719	<u>MGC23280 Hypothetical protein MGC23280 NM_144683 </u>	-3.36333218	-1.669555556	0.496399245	0.33188	0.066843083
8746 AGI_HUM1_OLIGO_A_23_P74349	<u>CDCA1 Cell division cycle associated 1 NM_145697 </u>	-3.35808514	-2.577111111	0.767434714	0.28660	0.066843083
9613 AGI_HUM1_OLIGO_A_23_P93823	<u>RFC2 Replication factor C (activator 1) 2, 40kDa NM_181471 </u>	-3.35550678	-1.498444444	0.446562783	0.33663	0.066843083
493 AGI_HUM1_OLIGO_A_23_P110802	<u>CENPH Centromere protein H NM_022909 </u>	-3.35152735	-1.762666667	0.52592937	0.34321	0.066843083
3653 AGI_HUM1_OLIGO_A_23_P206396	<u>CKLF Chemokine-like factor NM_016951 </u>	-3.35075445	-1.358222222	0.405348181	0.40705	0.066843083
7792 AGI_HUM1_OLIGO_A_23_P52410	<u>PLEKHK1 Pleckstrin homology domain containing, family K member 1 NM_145307 </u>	-3.34712121	-1.830088889	0.546765048	0.27993	0.066843083
4559 AGI_HUM1_OLIGO_A_23_P252413	<u>MT2A Metallothionein 2A BC007034 </u>	-3.34701954	-2.707333333	0.808878855	0.17729	0.066843083
17279 AGI_HUM1_OLIGO_A_32_P44274	<u>CHTF18 CTF18, chromosome transmission fidelity factor 18 homolog (S. cerevisiae) AK024476 </u>	-3.34522379	-1.713777778	0.512305868	0.34746	0.066843083
7360 AGI_HUM1_OLIGO_A_23_P44684	<u>ECT2 Epithelial cell transforming sequence 2 oncogene NM_018098 </u>	-3.340894	-1.766	0.528601027	0.32588	0.066843083
3624 AGI_HUM1_OLIGO_A_23_P205959	<u>ALDH1A3 Aldehyde dehydrogenase 1 family, member A3 NM_000693 </u>	-3.34087816	-2.319555556	0.694295166	0.18218	0.066843083
1125 AGI_HUM1_OLIGO_A_23_P125265	<u>KPNA2 Karyopherin alpha 2 (RAG cohort 1, importin alpha 1) NM_002266 </u>	-3.33959466	-1.526	0.456941682	0.34572	0.066843083
5448 AGI_HUM1_OLIGO_A_23_P321349	<u>LOC113174 Hypothetical protein BC012010 NM_138421 </u>	-3.33692068	-1.067777778	0.31998896	0.47780	0.066843083
13607 AGI_HUM1_OLIGO_A_24_P41570	<u> ENST00000325202 </u>	-3.33474118	-1.379111111	0.413558666	0.41408	0.066843083
738 AGI_HUM1_OLIGO_A_23_P116999	<u>MGC14560 Protein x 0004 AF117229 </u>	-3.33139051	-1.276222222	0.383089949	0.41321	0.066843083
2705 AGI_HUM1_OLIGO_A_23_P160537	<u>MGC2603 Hypothetical protein MGC2603 NM_024037 </u>	-3.32515217	-1.639777778	0.493143679	0.32875	0.066843083
6923 AGI_HUM1_OLIGO_A_23_P41267	<u>LOC401127 Similar to hypothetical protein BC010526 </u>	-3.3234958	-1.062777778	0.319777079	0.47482	0.066843083
7996 AGI_HUM1_OLIGO_A_23_P56922	<u>HSPE1 Heat shock 10kDa protein 1 (chaperonin 10) NM_002157 </u>	-3.32257329	-1.735111111	0.522219064	0.28520	0.066843083

8552 AGI_HUM1_OLIGO_A_23_P70007	<u>HMMR Hyaluronan-mediated motility receptor (RHAMM) NM_012484 </u>	-3.32251989	-2.929777778	0.881793903	0.24825	0.066843083
9339 AGI_HUM1_OLIGO_A_23_P87769	<u>FLJ20641 Hypothetical protein FLJ20641 NM_017915 </u>	-3.31010334	-1.773111111	0.535666392	0.30798	0.066843083
17207 AGI_HUM1_OLIGO_A_32_P39093	<u>LOC58489 Hypothetical protein from EUROMIMAGE 588495 AL390079 </u>	-3.30352632	-2.133555556	0.645841852	0.21392	0.066843083
3974 AGI_HUM1_OLIGO_A_23_P212639	<u>SFRS10 Splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila) NM_004593 </u>	-3.30313851	-1.154888889	0.349633806	0.45476	0.066843083
2561 AGI_HUM1_OLIGO_A_23_P156907	<u>FLJ10159 Hypothetical protein FLJ10159 NM_018013 </u>	-3.30264205	-2.1402	0.648026631	0.23273	0.066843083
8032 AGI_HUM1_OLIGO_A_23_P57836	<u>BHLHB2 Basic helix-loop-helix domain containing, class B, 2 AB004066 </u>	-3.29795536	-1.681777778	0.509945586	0.31467	0.066843083
9392 AGI_HUM1_OLIGO_A_23_P88740	<u>BM039 Uncharacterized bone marrow protein BM039 NM_018455 </u>	-3.29771124	-1.439111111	0.436396945	0.40701	0.066843083
10168 AGI_HUM1_OLIGO_A_24_P125096	<u>MT1X Metallothionein 1X NM_005952 </u>	-3.29554514	-2.100888889	0.637493586	0.21850	0.066843083
4253 AGI_HUM1_OLIGO_A_23_P2181	<u>CYB5R2 Cytochrome b5 reductase b5R.2 NM_016229 </u>	-3.29494468	-3.332444444	1.011381	0.07196	0.066843083
11191 AGI_HUM1_OLIGO_A_24_P212072	<u> ENST00000265140 </u>	-3.28981829	-1.298888889	0.39482086	0.41263	0.066843083
2800 AGI_HUM1_OLIGO_A_23_P162719	<u>DIAPH3 Diaphanous homolog 3 (Drosophila) NM_030932 </u>	-3.28909032	-1.688	0.513211811	0.31928	0.066843083
7601 AGI_HUM1_OLIGO_A_23_P500381	<u>HTR7 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled) NM_019859 </u>	-3.28688932	-1.357177778	0.412906443	0.38812	0.066843083
16980 AGI_HUM1_OLIGO_A_32_P233304	<u>LIN9 Lin-9 homolog (C. elegans) NM_173083 </u>	-3.28338113	-1.383333333	0.421313664	0.37618	0.066843083
7727 AGI_HUM1_OLIGO_A_23_P50990	<u>MGC11266 Hypothetical protein MGC11266 NM_024322 </u>	-3.28190128	-1.2892	0.392821079	0.40061	0.066843083
94 AGI_HUM1_OLIGO_A_23_P102071	<u> AK027315 </u>	-3.27909424	-1.132222222	0.345285052	0.45267	0.066843083
16331 AGI_HUM1_OLIGO_A_32_P1701	<u>POLA Polymerase (DNA directed), alpha NM_016937 </u>	-3.27743103	-1.31	0.3997033	0.42351	0.066843083
3673 AGI_HUM1_OLIGO_A_23_P206724	<u>MT1E Metallothionein 1E (functional) NM_175617 </u>	-3.27135029	-1.938222222	0.592483852	0.25655	0.066843083
15299 AGI_HUM1_OLIGO_A_24_P928639	<u>SOLH Small optic lobes homolog (Drosophila) BC032648 </u>	-3.26562115	-1.592911111	0.487781968	0.35133	0.066843083
16914 AGI_HUM1_OLIGO_A_32_P225854	<u>SPRED2 Sprouty-related, EVH1 domain containing 2 NM_181784 </u>	-3.26474875	-2.143111111	0.65643983	0.27750	0.066843083
5078 AGI_HUM1_OLIGO_A_23_P29769	<u>VWTR1 VW domain containing transcription regulator 1 NM_015472 </u>	-3.26383072	-1.764711111	0.540687083	0.30815	0.066843083
16740 AGI_HUM1_OLIGO_A_32_P209325	<u> I_1920348 </u>	-3.26152152	-1.531666667	0.469617219	0.35363	0.066843083
279 AGI_HUM1_OLIGO_A_32_P106162	<u>C14orf106 Chromosome 14 open reading frame 106 AK002048 </u>	-3.26057475	-1.525333333	0.467811183	0.33834	0.066843083
2970 AGI_HUM1_OLIGO_A_23_P166100	<u>DJ971N18.2 Hypothetical protein DJ971N18.2 NM_021156 </u>	-3.25990533	-1.530666667	0.469543288	0.32336	0.066843083
1883 AGI_HUM1_OLIGO_A_23_P142424	<u>FLJ22573 Hypothetical protein FLJ22573 NM_024660 </u>	-3.25906343	-1.430444444	0.438912736	0.41706	0.066843083
15999 AGI_HUM1_OLIGO_A_32_P139505	<u> I_1151993 </u>	-3.251218	-1.641333333	0.504836443	0.31282	0.066843083
4869 AGI_HUM1_OLIGO_A_23_P259586	<u>TTK TTK protein kinase NM_003318 </u>	-3.24433702	-2.321333333	0.715503141	0.26605	0.066843083
6676 AGI_HUM1_OLIGO_A_23_P39704	<u>SFRS7 Splicing factor, arginine/serine-rich 7, 35kDa L22253 </u>	-3.2435143	-1.114444444	0.343591654	0.46105	0.066843083
6194 AGI_HUM1_OLIGO_A_23_P368225	<u>EME1 Essential meiotic endonuclease 1 homolog 1 (S. pombe) NM_152463 </u>	-3.24212697	-1.370022222	0.42256896	0.39467	0.066843083
2388 AGI_HUM1_OLIGO_A_32_P153320	<u>ICAM1 Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor NM_000201 </u>	-3.23839524	-1.673333333	0.516716833	0.30476	0.066843083
6221 AGI_HUM1_OLIGO_A_23_P369899	<u>RIS1 Ras-induced senescence 1 NM_015444 </u>	-3.23641257	-2.394666667	0.739913906	0.16198	0.066843083
2325 AGI_HUM1_OLIGO_A_23_P152136	<u>FLJ13912 Hypothetical protein FLJ13912 NM_022770 </u>	-3.23246545	-1.776222222	0.549494573	0.28210	0.066843083
10725 AGI_HUM1_OLIGO_A_24_P171549	<u>CDCA7 Cell division cycle associated 7 AK075134 </u>	-3.23132119	-1.960222222	0.60663181	0.27962	0.066843083
11347 AGI_HUM1_OLIGO_A_24_P225468	<u>ANP32E Acidic (leucine-rich) nuclear phosphoprotein 32 family, member E NM_030920 </u>	-3.22083218	-1.698888889	0.527468926	0.34956	0.066843083
6863 AGI_HUM1_OLIGO_A_23_P40847	<u>CHST2 Carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2 NM_004267 </u>	-3.21923179	-1.700955556	0.528373123	0.36495	0.066843083
2659 AGI_HUM1_OLIGO_A_23_P159325	<u>ANGPTL4 Angiopoietin-like 4 NM_139314 </u>	-3.21012925	-2.992577778	0.932229685	0.09112	0.066843083
3426 AGI_HUM1_OLIGO_A_23_P202316	<u>BUB3 BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast) AF047473 </u>	-3.2068904	-1.141777778	0.356038915	0.45441	0.066843083
16492 AGI_HUM1_OLIGO_A_32_P186821	<u> I_1912803 </u>	-3.20557451	-1.809111111	0.564364081	0.33320	0.066843083
13169 AGI_HUM1_OLIGO_A_24_P382001	<u>POLR3K Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa NM_016310 </u>	-3.20388994	-1.178222222	0.367747408	0.43885	0.066843083
13361 AGI_HUM1_OLIGO_A_24_P397107	<u>CDC25A Cell division cycle 25A NM_001789 </u>	-3.19203848	-2.197333333	0.688379337	0.22699	0.066843083
15153 AGI_HUM1_OLIGO_A_24_P915007	<u>BTBD14B BTB (POZ) domain containing 14B AK094702 </u>	-3.1900761	-1.224	0.383689907	0.42141	0.066843083
2181 AGI_HUM1_OLIGO_A_23_P149200	<u>CDC20 CDC20 cell division cycle 20 homolog (S. cerevisiae) NM_001255 </u>	-3.18756442	-1.782444444	0.559186956	0.31017	0.066843083
9057 AGI_HUM1_OLIGO_A_23_P80759	<u>PVRL3 Poliovirus receptor-related 3 BC001336 </u>	-3.16671616	-1.4804	0.46748743	0.35385	0.066843083
3431 AGI_HUM1_OLIGO_A_23_P202392	<u>SUV39H2 Suppressor of variegation 3-9 homolog 2 (Drosophila) AL834488 </u>	-3.16328349	-1.505777778	0.476017335	0.35515	0.066843083
276 AGI_HUM1_OLIGO_A_23_P10614	<u>PKD1 Pyruvate dehydrogenase kinase, isoenzyme 1 NM_002610 </u>	-3.15999661	-1.345933333	0.425928727	0.39024	0.066843083
1224 AGI_HUM1_OLIGO_A_23_P127948	<u>ADM Adrenomedullin NM_001124 </u>	-3.15412695	-1.89	0.599214943	0.24331	0.066843083
1552 AGI_HUM1_OLIGO_A_23_P134935	<u>DUSP4 Dual specificity phosphatase 4 NM_001394 </u>	-3.15320585	-1.247333333	0.395576247	0.41496	0.066843083
8138 AGI_HUM1_OLIGO_A_23_P60016	<u>PTTG3 Pituitary tumor-transforming 3 NM_021000 </u>	-3.15218692	-1.860133333	0.59010883	0.33322	0.066843083
8929 AGI_HUM1_OLIGO_A_23_P7791	<u>OGFRL1 Opioid growth factor receptor-like 1 NM_024576 </u>	-3.15171419	-1.366666667	0.43362646	0.38799	0.066843083
4632 AGI_HUM1_OLIGO_A_23_P254271	<u>TUBB6 Tubulin, beta 6 NM_032525 </u>	-3.14848888	-1.605111111	0.509803647	0.31327	0.066843083
3951 AGI_HUM1_OLIGO_A_23_P212284	<u>DKFZP434C245 DKFZP434C245 protein NM_015426 </u>	-3.14480126	-1.66	0.527855296	0.35877	0.066843083
16705 AGI_HUM1_OLIGO_A_32_P206698	<u> ENST00000325544 </u>	-3.14392423	-1.560222222	0.496265847	0.36638	0.066843083
5996 AGI_HUM1_OLIGO_A_23_P356684	<u>ANLN Anillin, actin binding protein (scraps homolog, Drosophila) NM_018685 </u>	-3.13476263	-2.087111111	0.665795583	0.33038	0.066843083
8427 AGI_HUM1_OLIGO_A_23_P66867	<u>GEMIN4 Gem (nuclear organelle) associated protein 4 NM_015721 </u>	-3.12478067	-1.508666667	0.482807219	0.36630	0.066843083

1467	AGI_HUM1_OLIGO_A_23_P133146	<u>H2AFZ H2A histone family, member Z NM_002106 </u>	-3.12184629	-1.372222222	0.439554704	0.42514	0.066843083
8019	AGI_HUM1_OLIGO_A_23_P5757	<u>CGI-121 CGI-121 protein NM_016058 </u>	-3.12118748	-1.108666667	0.355206688	0.47079	0.066843083
434	AGI_HUM1_OLIGO_A_23_P109452	<u>CHEK2 CHK2 checkpoint homolog (S. pombe) NM_007194 </u>	-3.12066966	-1.402888889	0.449547386	0.38020	0.066843083
4600	AGI_HUM1_OLIGO_A_23_P253412	<u>MRPL50 Mitochondrial ribosomal protein L50 NM_019051 </u>	-3.12057966	-1.060888889	0.339965329	0.47665	0.066843083
5530	AGI_HUM1_OLIGO_A_23_P32707	<u>ESPL1 Extra spindle poles like 1 (S. cerevisiae) NM_012291 </u>	-3.11988077	-1.318	0.422452041	0.42558	0.066843083
9424	AGI_HUM1_OLIGO_A_23_P89509	<u>SPAG5 Sperm associated antigen 5 NM_006461 </u>	-3.11112537	-2.202888889	0.708068184	0.30327	0.066843083
16049	AGI_HUM1_OLIGO_A_32_P144710	<u> THC1409908 </u>	-3.11020905	-1.409555556	0.453202834	0.37819	0.066843083
2889	AGI_HUM1_OLIGO_A_23_P164559	<u>C13orf8 Chromosome 13 open reading frame 8 AB058705 </u>	-3.10731337	-1.214	0.390691203	0.43449	0.066843083
14645	AGI_HUM1_OLIGO_A_24_P755169	<u> XM_292047 </u>	-3.10172709	-1.412888889	0.455516829	0.39087	0.066843083
17282	AGI_HUM1_OLIGO_A_32_P44568	<u> ENST00000316536 </u>	-3.10064791	-1.831333333	0.590629244	0.30787	0.066843083
14042	AGI_HUM1_OLIGO_A_24_P560332	<u> ENST00000327935 </u>	-3.09526201	-1.234222222	0.398745637	0.40926	0.066843083
7292	AGI_HUM1_OLIGO_A_23_P434900	<u>C16orf34 Chromosome 16 open reading frame 34 NM_144570 </u>	-3.09497663	-1.269111111	0.410055152	0.42102	0.066843083
16683	AGI_HUM1_OLIGO_A_32_P204722	<u> Transcribed locus, moderately similar to XP_509288.1 thymopoietin [Pan troglodytes] BM723328 </u>	-3.0905818	-2.098377778	0.678958821	0.34221	0.066843083
8045	AGI_HUM1_OLIGO_A_23_P58117	<u>ShrmL Shroom-related protein NM_020859 </u>	-3.09025764	-2.013111111	0.651437952	0.22093	0.066843083
9967	AGI_HUM1_OLIGO_A_24_P108301	<u>RTTN Rotatin BC046222 </u>	-3.08463422	-1.414666667	0.458617317	0.38644	0.066843083
4995	AGI_HUM1_OLIGO_A_23_P28057	<u>THOP1 Thimet oligopeptidase 1 NM_003249 </u>	-3.07850693	-1.370444444	0.445165295	0.38852	0.066843083
2980	AGI_HUM1_OLIGO_A_23_P166280	<u>SAMD3 Sterile alpha motif domain containing 3 AL833685 </u>	-3.07282077	-1.418888889	0.461754524	0.37775	0.066843083
16346	AGI_HUM1_OLIGO_A_32_P17163	<u> THC1476440 </u>	-3.06724115	-1.371977778	0.447300264	0.37346	0.066843083
15646	AGI_HUM1_OLIGO_A_32_P106732	<u>KIAA1596 KIAA1596 AB046816 </u>	-3.06311016	-1.267333333	0.413740697	0.40626	0.066843083
1311	AGI_HUM1_OLIGO_A_23_P129614	<u>CPSF5 Cleavage and polyadenylation specific factor 5, 25 kDa NM_007006 </u>	-3.06288133	-1.204	0.393093911	0.44349	0.066843083
3150	AGI_HUM1_OLIGO_A_23_P170719	<u>ANGPTL4 Angiopoietin-like 4 AF202636 </u>	-3.06098143	-2.444	0.798436729	0.13035	0.066843083
7583	AGI_HUM1_OLIGO_A_23_P49878	<u>FLJ10156 Hypothetical protein FLJ10156 NM_019013 </u>	-3.05919689	-2.373777778	0.775948023	0.32116	0.066843083
9857	AGI_HUM1_OLIGO_A_24_P100368	<u>TCTE1L T-complex-associated-testis-expressed 1-like U02556 </u>	-3.05778116	-1.506622222	0.492717478	0.33684	0.066843083
5320	AGI_HUM1_OLIGO_A_23_P314151	<u>NOLC1 Nucleolar and coiled-body phosphoprotein 1 NM_004741 </u>	-3.04790775	-1.240666667	0.40705519	0.41296	0.066843083
14948	AGI_HUM1_OLIGO_A_24_P850336	<u> XM_302460 </u>	-3.04490857	-1.386888889	0.455478008	0.40029	0.066843083
10465	AGI_HUM1_OLIGO_A_24_P151920	<u>MAC30 Hypothetical protein MAC30 BC017362 </u>	-3.04297033	-1.502222222	0.493669691	0.41167	0.066843083
2931	AGI_HUM1_OLIGO_A_23_P165346	<u>FARSLB Phenylalanine-tRNA synthetase-like, beta subunit BC006502 </u>	-3.04011658	-1.116444444	0.367237379	0.47863	0.066843083
2272	AGI_HUM1_OLIGO_A_23_P151150	<u>FOXN1 Forkhead box M1 NM_021953 </u>	-3.03723591	-1.486	0.489260645	0.40276	0.066843083
9717	AGI_HUM1_OLIGO_A_23_P96872	<u>C1orf41 Chromosome 1 open reading frame 41 NM_016126 </u>	-3.03411612	-1.307111111	0.430804576	0.43482	0.066843083
1618	AGI_HUM1_OLIGO_A_23_P136573	<u>SIAT9 Sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 synthase) </u>	-3.03332863	-1.5362	0.506440345	0.36049	0.066843083
14581	AGI_HUM1_OLIGO_A_24_P736638	<u> XM_302451 </u>	-3.03096144	-1.091333333	0.360061767	0.45813	0.066843083
8151	AGI_HUM1_OLIGO_A_23_P60271	<u>SMC2L1 SMC2 structural maintenance of chromosomes 2-like 1 (yeast) NM_006444 </u>	-3.02767544	-1.618177778	0.534462101	0.36522	0.066843083
9501	AGI_HUM1_OLIGO_A_23_P91328	<u>NOL5A Nucleolar protein 5A (56kDa with KKE/D repeat) BC004937 </u>	-3.02746976	-1.555333333	0.513740336	0.31735	0.066843083
4863	AGI_HUM1_OLIGO_A_23_P259438	<u>DCK Deoxycytidine kinase NM_000788 </u>	-3.02451122	-1.123777778	0.371556822	0.45252	0.066843083
1234	AGI_HUM1_OLIGO_A_23_P128147	<u>K-ALPHA-1 Tubulin, alpha, ubiquitous NM_006082 </u>	-3.02268434	-1.447777778	0.47897088	0.39297	0.066843083
6496	AGI_HUM1_OLIGO_A_23_P385322	<u>AMSH-LP Associated molecule with the SH3 domain of STAM (AMSH) like protein NM_020799 </u>	-3.02077867	-1.481177778	0.490329792	0.34652	0.066843083
16744	AGI_HUM1_OLIGO_A_32_P209669	<u>ANP32E Acidic (leucine-rich) nuclear phosphoprotein 32 family, member E NM_030920 </u>	-3.01901924	-1.198933333	0.397126762	0.43024	0.066843083
12859	AGI_HUM1_OLIGO_A_24_P354468	<u>H2AFZ H2A histone family, member Z NM_002106 </u>	-3.01848021	-1.242444444	0.411612586	0.43694	0.066843083
16642	AGI_HUM1_OLIGO_A_32_P201521	<u>MAC30 Hypothetical protein MAC30 BC017362 </u>	-3.01696618	-1.312444444	0.435021264	0.44375	0.066843083
3594	AGI_HUM1_OLIGO_A_23_P205393	<u>C14orf130 Chromosome 14 open reading frame 130 NM_175748 </u>	-3.01529736	-1.133866667	0.376038092	0.45877	0.066843083
12864	AGI_HUM1_OLIGO_A_24_P354715	<u>NT5E 5'-nucleotidase, ecto (CD73) NM_002526 </u>	-3.01511478	-1.620888889	0.53758779	0.31209	0.066843083
17032	AGI_HUM1_OLIGO_A_32_P25273	<u>HSPD1 Heat shock 60kDa protein 1 (chaperonin) NM_002156 </u>	-3.014766	-1.388666667	0.460621709	0.36350	0.066843083
1080	AGI_HUM1_OLIGO_A_23_P123974	<u>DTYMK Deoxythymidylate kinase (thymidylate kinase) AF258562 </u>	-3.01279952	-1.607333333	0.53350159	0.36430	0.066843083
5212	AGI_HUM1_OLIGO_A_23_P308305	<u> CDNA clone IMAGE:3029742, partial cds AK074875 </u>	-3.01126265	-1.194177778	0.396570448	0.43929	0.066843083
8466	AGI_HUM1_OLIGO_A_23_P68007	<u>ATP1B3 ATPase, Na+/K+ transporting, beta 3 polypeptide NM_001679 </u>	-3.00679822	-1.353111111	0.450017266	0.42143	0.066843083
17349	AGI_HUM1_OLIGO_A_32_P49555	<u>LOC91942 Hypothetical protein LOC91942 NM_174889 </u>	-3.00028737	-1.264444444	0.421441111	0.41711	0.066843083
1427	AGI_HUM1_OLIGO_A_23_P132277	<u>MCM5 MCM5 minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae) NM_006444 </u>	-2.99768326	-1.676222222	0.559172559	0.30374	0.066843083
12481	AGI_HUM1_OLIGO_A_24_P323104	<u>DIAPH1 Diaphanous homolog 1 (Drosophila) NM_005219 </u>	-2.99542226	-1.255555556	0.419158118	0.42693	0.066843083
6935	AGI_HUM1_OLIGO_A_23_P413641	<u>PREX1 Phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1 NM_020820 </u>	-2.99304203	-2.234666667	0.746620544	0.26442	0.066843083
7842	AGI_HUM1_OLIGO_A_23_P53546	<u> M10036 </u>	-2.98693992	-1.117777778	0.374221715	0.46226	0.066843083
5426	AGI_HUM1_OLIGO_A_23_P320250	<u>MYOHD1 Myosin head domain containing 1 NM_025109 </u>	-2.98238481	-1.020888889	0.342306226	0.48162	0.066843083
956	AGI_HUM1_OLIGO_A_23_P12113	<u>FLVCR Feline leukemia virus subgroup C cellular receptor BC048312 </u>	-2.97747595	-1.415333333	0.475346689	0.41997	0.066843083
7829	AGI_HUM1_OLIGO_A_23_P53276	<u>TIMELESS Timeless homolog (Drosophila) NM_003920 </u>	-2.97377209	-1.317777778	0.443133413	0.43176	0.066843083

11781	AGI_HUM1_OLIGO_A_24_P261259	PFKFB3 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 NM_004566	-2.97362102	-1.035111111	0.348097859	0.47954	0.066843083
1982	AGI_HUM1_OLIGO_A_23_P144684	ANKRD32 Ankyrin repeat domain 32 NM_032290	-2.96355624	-1.435333333	0.484328023	0.39299	0.066843083
8458	AGI_HUM1_OLIGO_A_23_P67771	BARD1 BRCA1 associated RING domain 1 NM_000465	-2.96221259	-1.245777778	0.420556507	0.43718	0.066843083
13305	AGI_HUM1_OLIGO_A_24_P392505	ENST00000322825	-2.95902328	-1.293555556	0.437156261	0.41267	0.066843083
11668	AGI_HUM1_OLIGO_A_24_P251534	CTDSPL CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like N	-2.95720636	-2.94	0.99418155	0.19049	0.066843083
111	AGI_HUM1_OLIGO_A_23_P102471	MSH2 MutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli) NM_000251	-2.95665302	-1.541111111	0.521235026	0.35614	0.066843083
6922	AGI_HUM1_OLIGO_A_23_P41255	G3BP2 Ras-GTPase activating protein SH3 domain-binding protein 2 AF145284	-2.95254711	-1.469977778	0.497867679	0.35598	0.066843083
12688	AGI_HUM1_OLIGO_A_24_P339611	PDCD5 Programmed cell death 5 NM_004708	-2.95007343	-1.489333333	0.50484619	0.34419	0.066843083
14616	AGI_HUM1_OLIGO_A_24_P74932	PLP2 Proteolipid protein 2 (colonic epithelium-enriched) NM_002668	-2.94480381	-1.393555556	0.473225262	0.39197	0.066843083
317	AGI_HUM1_OLIGO_A_23_P106844	MT2A Metallothionein 2A NM_005953	-2.94203067	-2.404666667	0.817349286	0.21134	0.066843083
14970	AGI_HUM1_OLIGO_A_24_P856273	XM_292000	-2.94194364	-1.323555556	0.44989154	0.37711	0.066843083
562	AGI_HUM1_OLIGO_A_23_P112341	C9orf76 Chromosome 9 open reading frame 76 NM_024945	-2.93988763	-1.304222222	0.443629956	0.40967	0.066843083
2826	AGI_HUM1_OLIGO_A_23_P163143	ACYP1 Acylphosphatase 1, erythrocyte (common) type NM_001107	-2.93805105	-1.404888889	0.478170346	0.40219	0.066843083
2160	AGI_HUM1_OLIGO_A_23_P148807	CDC7 CDC7 cell division cycle 7 (S. cerevisiae) NM_003503	-2.93708043	-1.235111111	0.420523422	0.45939	0.066843083
189	AGI_HUM1_OLIGO_A_23_P103951	DAF Decay accelerating factor for complement (CD55, Cromer blood group system) M31516	-2.9335276	-1.472666667	0.502012208	0.37255	0.066843083
2626	AGI_HUM1_OLIGO_A_23_P15844	BRIP1 BRCA1 interacting protein C-terminal helicase 1 NM_032043	-2.93321385	-1.5786	0.538181013	0.33850	0.066843083
7756	AGI_HUM1_OLIGO_A_23_P51646	PLK3 Polo-like kinase 3 (Drosophila) NM_004073	-2.93230666	-1.411777778	0.48145639	0.35745	0.066843083
11680	AGI_HUM1_OLIGO_A_24_P252497	TRIB1 Tribbles homolog 1 (Drosophila) NM_025195	-2.92842115	-2.044222222	0.698062922	0.31167	0.066843083
17628	AGI_HUM1_OLIGO_A_32_P7521	I_3589987	-2.92637107	-1.426733333	0.487543547	0.38438	0.066843083
6083	AGI_HUM1_OLIGO_A_23_P360777	NRG1 Neuregulin 1 NM_013956	-2.91575528	-2.257377778	0.774200014	0.18016	0.066843083
2243	AGI_HUM1_OLIGO_A_23_P150667	KIF18A Kinesin family member 18A NM_031217	-2.9147465	-1.975222222	0.677665184	0.38739	0.066843083
268	AGI_HUM1_OLIGO_A_23_P105957	ACTN1 Actinin, alpha 1 NM_001102	-2.91172614	-1.256222222	0.431435569	0.40916	0.066843083
14931	AGI_HUM1_OLIGO_A_24_P84711	ENST00000330382	-2.90756933	-1.637111111	0.563051444	0.39451	0.066843083
12317	AGI_HUM1_OLIGO_A_24_P307384	ENST00000331995	-2.90278897	-1.138444444	0.392189876	0.44407	0.066843083
1296	AGI_HUM1_OLIGO_A_23_P129301	C15orf25 Chromosome 15 open reading frame 25 BC010903	-2.90021971	-1.058911111	0.3651141	0.48429	0.066843083
5237	AGI_HUM1_OLIGO_A_23_P310068	DKFZp434N2030 Hypothetical protein DKFZp434N2030 AL137488	-2.899952	-1.180933333	0.407225131	0.43440	0.066843083
17016	AGI_HUM1_OLIGO_A_32_P24165	FANCD2 Fanconi anemia, complementation group D2 AL832427	-2.88983029	-2.262222222	0.782821826	0.26101	0.066843083
4605	AGI_HUM1_OLIGO_A_23_P253524	CENPE Centromere protein E, 312kDa NM_001813	-2.88762211	-1.68	0.581793578	0.37495	0.066843083
2962	AGI_HUM1_OLIGO_A_23_P165937	C20orf172 Chromosome 20 open reading frame 172 NM_024918	-2.88561567	-1.323555556	0.458673541	0.43831	0.066843083
9368	AGI_HUM1_OLIGO_A_23_P88331	DLG7 Discs, large homolog 7 (Drosophila) NM_014750	-2.88298749	-2.088666667	0.724479961	0.34476	0.066843083
16139	AGI_HUM1_OLIGO_A_32_P151800	MGC57827 Similar to RIKEN cDNA 2700049P18 gene BC035696	-2.87757439	-1.143333333	0.397325378	0.46530	0.066843083
7004	AGI_HUM1_OLIGO_A_23_P417404	C9orf88 Chromosome 9 open reading frame 88 NM_022833	-2.87610524	-1.293555556	0.449759466	0.40347	0.066843083
17708	AGI_HUM1_OLIGO_A_32_P82179	I_1918319	-2.87448277	-1.619	0.563231764	0.32909	0.066843083
3941	AGI_HUM1_OLIGO_A_23_P211997	SEC22L3 SEC22 vesicle trafficking protein-like 3 (S. cerevisiae) NM_032970	-2.87182825	-1.440933333	0.50174774	0.36476	0.066843083
11941	AGI_HUM1_OLIGO_A_24_P276888	MGC11266 Hypothetical protein MGC11266 AK027859	-2.87110564	-1.063111111	0.370279343	0.46890	0.066843083
11176	AGI_HUM1_OLIGO_A_24_P210244	Clone FLB3436 PRO0868 mRNA, complete cds AF113682	-2.87099237	-1.575377778	0.548722383	0.42381	0.066843083
12443	AGI_HUM1_OLIGO_A_24_P320284	DHFR Dihydrofolate reductase BC003584	-2.87007537	-1.796444444	0.625922393	0.31566	0.066843083
2128	AGI_HUM1_OLIGO_A_23_P148047	PTGER4 Prostaglandin E receptor 4 (subtype EP4) NM_000958	-2.8602646	-1.413333333	0.494126779	0.42050	0.066843083
3902	AGI_HUM1_OLIGO_A_23_P211302	WDR4 WD repeat domain 4 NM_033661	-2.85503969	-1.517555556	0.531535712	0.36694	0.066843083
6169	AGI_HUM1_OLIGO_A_23_P366394	ZAK Sterile alpha motif and leucine zipper containing kinase AZK NM_016653	-2.84953199	-1.323111111	0.464325761	0.38674	0.066843083
40	AGI_HUM1_OLIGO_A_23_P100868	MYOHD1 Myosin head domain containing 1 AK026518	-2.8482643	-1.224444444	0.42989144	0.43573	0.066843083
16147	AGI_HUM1_OLIGO_A_32_P152696	XM_212266	-2.84785876	-1.239777778	0.435336821	0.43708	0.066843083
12760	AGI_HUM1_OLIGO_A_24_P344961	AMOT Angiomotin NM_133265	-2.8459526	-1.240711111	0.435956351	0.43142	0.066843083
5109	AGI_HUM1_OLIGO_A_23_P301247	HIST2H2AC Histone 2, H2ac NM_003517	-2.84429173	-1.672	0.587844061	0.36264	0.066843083
1105	AGI_HUM1_OLIGO_A_23_P124733	CL640 Hypothetical protein CL640 NM_015697	-2.84401044	-1.345466667	0.473087809	0.42790	0.066843083
13934	AGI_HUM1_OLIGO_A_24_P51786	C3orf6 Chromosome 3 open reading frame 6 NM_174908	-2.84054864	-1.412444444	0.497243534	0.41082	0.066843083
6580	AGI_HUM1_OLIGO_A_23_P39116	LIG1 Ligase I, DNA, ATP-dependent NM_000234	-2.83925562	-1.379777778	0.48596462	0.42107	0.066843083
5887	AGI_HUM1_OLIGO_A_23_P35099	C1orf33 Chromosome 1 open reading frame 33 NM_016183	-2.83818916	-1.049111111	0.369641011	0.47624	0.066843083
7221	AGI_HUM1_OLIGO_A_23_P431381	C14orf80 Chromosome 14 open reading frame 80 NM_173608	-2.83669192	-1.402666667	0.494472683	0.40817	0.066843083
10840	AGI_HUM1_OLIGO_A_24_P182461	IGSF3 Immunoglobulin superfamily, member 3 AB007935	-2.83403234	-1.614444444	0.569663381	0.36836	0.066843083
4475	AGI_HUM1_OLIGO_A_23_P250619	ZDHHC14 Zinc finger, DHHC domain containing 14 NM_024630	-2.83402058	-1.080022222	0.381091877	0.47608	0.066843083
5567	AGI_HUM1_OLIGO_A_23_P3302	MNS1 Meiosis-specific nuclear structural protein 1 BC034991	-2.83334115	-1.333533333	0.470657524	0.44266	0.066843083
12748	AGI_HUM1_OLIGO_A_24_P343095	DHFR Dihydrofolate reductase BC003584	-2.83204044	-1.829777778	0.646098746	0.28503	0.066843083

8773	AGI_HUM1_OLIGO_A_23_P74914	KIAA0133 KIAA0133 D50923 	-2.83165392	-1.209777778	0.427233629	0.42302	0.066843083
3135	AGI_HUM1_OLIGO_A_23_P170352	MRPL12 Mitochondrial ribosomal protein L12 NM_002949 	-2.82712739	-1.031777778	0.364956239	0.49840	0.066843083
12185	AGI_HUM1_OLIGO_A_24_P298029	 ENST00000308836 	-2.82516303	-1.135555556	0.401943373	0.45951	0.066843083
6230	AGI_HUM1_OLIGO_A_23_P370097	ALS2CR4 Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4 NM_152388 	-2.82354376	-1.243111111	0.440266281	0.46187	0.066843083
11748	AGI_HUM1_OLIGO_A_24_P257099	DKFZp762E1312 Hypothetical protein DKFZp762E1312 NM_018410 	-2.82188337	-1.817555556	0.644093081	0.31170	0.066843083
17894	AGI_HUM1_OLIGO_A_32_P98098	 THC1507667 	-2.82133253	-1.487777778	0.527331593	0.38809	0.066843083
13988	AGI_HUM1_OLIGO_A_24_P54131	DCLRE1B DNA cross-link repair 1B (PSO2 homolog, S. cerevisiae) NM_022836 	-2.82051314	-1.432266667	0.507803579	0.38143	0.066843083
14929	AGI_HUM1_OLIGO_A_24_P84698	 ENST00000330263 	-2.81980682	-1.124711111	0.398861051	0.46480	0.066843083
4091	AGI_HUM1_OLIGO_A_23_P215070	TSGA14 Testis specific, 14 NM_018718 	-2.81922012	-1.651777778	0.585898834	0.32521	0.066843083
1338	AGI_HUM1_OLIGO_A_23_P130182	AURKB Aurora kinase B NM_004217 	-2.81912326	-1.974288889	0.700320172	0.34361	0.066843083
7900	AGI_HUM1_OLIGO_A_23_P54840	MT1A Metallothionein 1A (functional) NM_005946 	-2.81735547	-1.418888889	0.503624376	0.37794	0.066843083
14482	AGI_HUM1_OLIGO_A_24_P699737	SARS Seryl-tRNA synthetase AK022339 	-2.81650975	-1.460755556	0.518640334	0.35237	0.066843083
8278	AGI_HUM1_OLIGO_A_23_P6344	SDF2L1 Stromal cell-derived factor 2-like 1 NM_022044 	-2.81615846	-1.441111111	0.511729411	0.37688	0.066843083
8428	AGI_HUM1_OLIGO_A_23_P66872	GEMIN4 Gem (nuclear organelle) associated protein 4 NM_015721 	-2.81420744	-1.003777778	0.356682227	0.49355	0.066843083
16431	AGI_HUM1_OLIGO_A_32_P181131	AK3 Adenylate kinase 3 NM_013410 	-2.81271122	-1.347	0.478897367	0.40732	0.066843083
2446	AGI_HUM1_OLIGO_A_23_P154447	NOP5/NOP58 Nucleolar protein NOP5/NOP58 NM_015934 	-2.81238063	-1.264222222	0.449520313	0.40121	0.066843083
2459	AGI_HUM1_OLIGO_A_23_P154675	SNRPB Small nuclear ribonucleoprotein polypeptides B and B1 NM_003091 	-2.81236439	-1.429555556	0.508310929	0.37375	0.066843083
11466	AGI_HUM1_OLIGO_A_24_P235520	 I_1905027 	-2.81228397	-1.111488889	0.395226407	0.47370	0.066843083
5758	AGI_HUM1_OLIGO_A_23_P34325	LRP8 Low density lipoprotein receptor-related protein 8, apolipoprotein e receptor NM_017522 	-2.81141037	-1.316666667	0.468329591	0.37608	0.066843083
3868	AGI_HUM1_OLIGO_A_23_P210690	TRIB3 Tribbles homolog 3 (Drosophila) NM_021158 	-2.80724147	-1.350666667	0.481136618	0.37286	0.066843083
7526	AGI_HUM1_OLIGO_A_23_P48637	HIF1A Hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) NM_00153	-2.80179229	-1.046	0.373332458	0.48207	0.066843083
9689	AGI_HUM1_OLIGO_A_23_P96008	MALT1 Mucosa associated lymphoid tissue lymphoma translocation gene 1 BC030143 	-2.79962819	-1.010222222	0.360841566	0.49239	0.066843083
13531	AGI_HUM1_OLIGO_A_24_P409881	 ENST00000328883 	-2.79597802	-1.621777778	0.580039531	0.31260	0.066843083
9960	AGI_HUM1_OLIGO_A_24_P107859	SPRED1 Sprouty-related, EVH1 domain containing 1 NM_152594 	-2.79299756	-1.050733333	0.376202739	0.46462	0.066843083
4555	AGI_HUM1_OLIGO_A_23_P252335	C21orf45 Chromosome 21 open reading frame 45 NM_018944 	-2.79222492	-1.055111111	0.377874684	0.49458	0.066843083
6483	AGI_HUM1_OLIGO_A_23_P384748	PLEKHH2 Pleckstrin homology domain containing, family H (with MyTH4 domain) member 2 AB0959;	-2.7846739	-2.317111111	0.832094239	0.28192	0.066843083
8840	AGI_HUM1_OLIGO_A_23_P76450	 AF239986 	-2.78211424	-1.635111111	0.587722491	0.34503	0.066843083
4417	AGI_HUM1_OLIGO_A_23_P24444	DHCR7 7-dehydrocholesterol reductase NM_001360 	-2.77817324	-1.183111111	0.425859372	0.41734	0.066843083
4165	AGI_HUM1_OLIGO_A_24_P216517	C9orf100 Chromosome 9 open reading frame 100 BC033666 	-2.7743935	-1.591088889	0.573490707	0.34157	0.066843083
2841	AGI_HUM1_OLIGO_A_23_P163481	BUB1B BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast) NM_001211 	-2.77257002	-1.504444444	0.542617295	0.40836	0.066843083
16094	AGI_HUM1_OLIGO_A_32_P148476	 ENST00000304245 	-2.7699433	-1.459555556	0.526926149	0.35931	0.066843083
6532	AGI_HUM1_OLIGO_A_23_P388146	ZNF587 Zinc finger protein 587 NM_032828 	-2.76688183	-1.364222222	0.493054024	0.39166	0.066843083
9859	AGI_HUM1_OLIGO_A_24_P100517	C9orf140 Chromosome 9 open reading frame 140 NM_178448 	-2.76599138	-1.415111111	0.511610818	0.39903	0.066843083
17241	AGI_HUM1_OLIGO_A_32_P41487	 ENST00000329199 	-2.75847161	-1.130222222	0.409727698	0.45378	0.066843083
15450	AGI_HUM1_OLIGO_A_24_P941831	ALS2CR4 Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4 AK022836 	-2.75429858	-1.082711111	0.393098671	0.48084	0.066843083
11323	AGI_HUM1_OLIGO_A_24_P222192	FLJ10407 Hypothetical protein FLJ10407 AK091439 	-2.75414386	-1.2108	0.439628451	0.44263	0.066843083
6087	AGI_HUM1_OLIGO_A_23_P360983	LOC91942 Hypothetical protein LOC91942 NM_174889 	-2.75239235	-1.081777778	0.39303182	0.48696	0.066843083
9378	AGI_HUM1_OLIGO_A_23_P88484	DUT DUTP pyrophosphatase U31930 	-2.75096311	-1.305777778	0.474662045	0.41370	0.066843083
1643	AGI_HUM1_OLIGO_A_23_P137143	DKC1 Dyskeratosis congenita 1, dyskerin NM_001363 	-2.74667817	-1.063777778	0.387296112	0.47274	0.066843083
14687	AGI_HUM1_OLIGO_A_24_P764595	 XM_210778 	-2.741145	-1.031777778	0.37640394	0.48790	0.066843083
16068	AGI_HUM1_OLIGO_A_32_P146394	TGFB1 Transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa) NM	-2.73879062	-1.697688889	0.619868081	0.28702	0.066843083
9294	AGI_HUM1_OLIGO_A_23_P86838	SLC36A4 Solute carrier family 36 (proton/amino acid symporter), member 4 AJ295983 	-2.73655704	-1.064822222	0.389110187	0.46099	0.066843083
14564	AGI_HUM1_OLIGO_A_24_P73158	FEN1 Flap structure-specific endonuclease 1 NM_004111 	-2.73655076	-1.219555556	0.445654279	0.42586	0.066843083
11308	AGI_HUM1_OLIGO_A_24_P221485	 ENST00000327605 	-2.73604975	-1.119844444	0.409292427	0.47513	0.066843083
2056	AGI_HUM1_OLIGO_A_23_P146284	SQLE Squalene epoxidase NM_003129 	-2.73342224	-1.230444444	0.45014796	0.41720	0.066843083
11355	AGI_HUM1_OLIGO_A_24_P225970	SGOL1 Shugoshin-like 1 (S. pombe) BC032696 	-2.73216784	-1.139111111	0.416925745	0.44688	0.066843083
17640	AGI_HUM1_OLIGO_A_32_P76060	 THC1560738 	-2.73179251	-1.148488889	0.420415857	0.44793	0.066843083
12856	AGI_HUM1_OLIGO_A_24_P354257	 CDNA: FLJ21652 f1s, clone COL08582 AK025305 	-2.73044923	-1.542577778	0.56495384	0.30634	0.066843083
3180	AGI_HUM1_OLIGO_A_23_P17163	HNRPA3P1 Heterogeneous nuclear ribonucleoprotein A3 pseudogene 1 S63912 	-2.72962255	-1.134888889	0.4157677	0.48311	0.066843083
1571	AGI_HUM1_OLIGO_A_23_P135364	DTYMK Deoxythymidylate kinase (thymidylate kinase) NM_012145 	-2.72905536	-1.339111111	0.490686679	0.41362	0.066843083
14010	AGI_HUM1_OLIGO_A_24_P54863	FLJ39370 Hypothetical protein FLJ39370 AK096689 	-2.72779733	-1.566888889	0.574415434	0.31111	0.066843083
16344	AGI_HUM1_OLIGO_A_32_P171328	 I_1871320 	-2.72147181	-1.673777778	0.615026682	0.30594	0.066843083
3983	AGI_HUM1_OLIGO_A_23_P212792	 AB014535 	-2.71446958	-1.039777778	0.383050075	0.49933	0.066843083

15398	AGI_HUM1_OLIGO_A_24_P937546	<u> AL832450 </u>	-2.70796218	-1.103911111	0.407653814	0.44718	0.066843083
7769	AGI_HUM1_OLIGO_A_23_P51966	<u>SIL TAL1 (SCL) interrupting locus NM_003035 </u>	-2.70477131	-1.5326	0.566628311	0.43894	0.066843083
14141	AGI_HUM1_OLIGO_A_24_P58759	<u> ENST00000327547 </u>	-2.70475726	-1.328	0.490986758	0.40779	0.066843083
3336	AGI_HUM1_OLIGO_A_23_P200524	<u>AK3 Adenylate kinase 3 NM_013410 </u>	-2.70385456	-1.426155556	0.527452763	0.38687	0.066843083
6521	AGI_HUM1_OLIGO_A_23_P38723	<u>KIAA0650 KIAA0650 protein AL080138 </u>	-2.68853064	-1.058444444	0.393688816	0.47740	0.066843083
8358	AGI_HUM1_OLIGO_A_23_P65254	<u>C13orf12 Chromosome 13 open reading frame 12 NM_015932 </u>	-2.68076364	-1.249777778	0.466202153	0.44779	0.066843083
5075	AGI_HUM1_OLIGO_A_23_P29723	<u>SGOL1 Shugoshin-like 1 (S. pombe) NM_138484 </u>	-2.68066073	-1.581577778	0.589995504	0.29959	0.066843083
11652	AGI_HUM1_OLIGO_A_24_P250335	<u>SNRPA Small nuclear ribonucleoprotein polypeptide A NM_004596 </u>	-2.6791918	-1.151333333	0.429731582	0.43450	0.066843083
16529	AGI_HUM1_OLIGO_A_32_P190864	<u> I_1000315 </u>	-2.67782709	-1.772888889	0.662062498	0.29893	0.066843083
16438	AGI_HUM1_OLIGO_A_32_P182135	<u> A_32_BS182135 </u>	-2.67632592	-1.838444444	0.686928461	0.34077	0.066843083
4227	AGI_HUM1_OLIGO_A_23_P217637	<u> I_959074 </u>	-2.67544764	-1.324666667	0.495119639	0.41868	0.066843083
14901	AGI_HUM1_OLIGO_A_24_P840868	<u> XM_208135 </u>	-2.67526852	-1.413333333	0.528295878	0.36932	0.066843083
11313	AGI_HUM1_OLIGO_A_24_P221778	<u> ENST00000331200 </u>	-2.6718552	-1.183111111	0.4428051	0.46832	0.066843083
9217	AGI_HUM1_OLIGO_A_23_P85008	<u>MAOB Monoamine oxidase B NM_000898 </u>	-2.67000684	-1.608044444	0.602262294	0.29669	0.066843083
15119	AGI_HUM1_OLIGO_A_24_P91272	<u> AF161545 </u>	-2.66489007	-1.102688889	0.413784007	0.49342	0.066843083
726	AGI_HUM1_OLIGO_A_23_P116712	<u>C12orf2 Chromosome 12 open reading frame 2 U82396 </u>	-2.66024554	-1.061288889	0.39894396	0.49370	0.066843083
2363	AGI_HUM1_OLIGO_A_23_P152858	<u>HSA272196 Hypothetical protein, clone 2746033 NM_018405 </u>	-2.65817566	-1.101777778	0.414486445	0.46710	0.066843083
3153	AGI_HUM1_OLIGO_A_23_P170761	<u>LIM LIM protein (similar to rat protein kinase C-binding enigma) AK027217 </u>	-2.65547042	-1.083333333	0.40796287	0.46183	0.066843083
8587	AGI_HUM1_OLIGO_A_23_P70677	<u>LOC221710 Hypothetical protein LOC221710 AK058186 </u>	-2.65165897	-1.341888889	0.50605636	0.39928	0.066843083
17892	AGI_HUM1_OLIGO_A_32_P97506	<u>LOC146174 Hypothetical protein LOC146174 AF086126 </u>	-2.64982753	-1.727333333	0.651866324	0.26792	0.066843083
807	AGI_HUM1_OLIGO_A_23_P118174	<u>PLK1 Polo-like kinase 1 (Drosophila) NM_005030 </u>	-2.64957057	-1.288	0.48611651	0.41522	0.066843083
8775	AGI_HUM1_OLIGO_A_23_P74954	<u>TD-60 RCC1-like NM_018715 </u>	-2.6469681	-0.979777778	0.370150958	0.49141	0.066843083
7527	AGI_HUM1_OLIGO_A_23_P48669	<u>CDKN3 Cyclin-dependent kinase inhibitor 3 (CDK2-associated dual specificity phosphatase) NM_005</u>	-2.64446115	-1.903555556	0.719827386	0.36128	0.066843083
9877	AGI_HUM1_OLIGO_A_24_P101402	<u>NOL5A Nucleolar protein 5A (56kDa with KKE/D repeat) BC035369 </u>	-2.64132085	-1.512	0.572440867	0.31990	0.066843083
7214	AGI_HUM1_OLIGO_A_23_P430818	<u>HSPC159 HSPC159 protein NM_014181 </u>	-2.63931644	-1.330244444	0.504010971	0.40209	0.066843083
6376	AGI_HUM1_OLIGO_A_23_P378968	<u>PTP4A2 Protein tyrosine phosphatase type IVA, member 2 NM_080392 </u>	-2.63711778	-1.018666667	0.386280308	0.49748	0.066843083
10326	AGI_HUM1_OLIGO_A_24_P138556	<u>EIF2S1 Eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa J02645 </u>	-2.63602909	-1.022666667	0.387957276	0.47253	0.066843083
2229	AGI_HUM1_OLIGO_A_23_P150255	<u>RBM14 RNA binding motif protein 14 NM_006328 </u>	-2.63327773	-1.088888889	0.413510841	0.49190	0.066843083
8593	AGI_HUM1_OLIGO_A_23_P70785	<u>AIM1 Absent in melanoma 1 U83115 </u>	-2.63173092	-1.182022222	0.449142506	0.47235	0.066843083
12737	AGI_HUM1_OLIGO_A_24_P342096	<u> Hypothetical gene supported by AK131029; BC002886 BC002886 </u>	-2.62618679	-1.143777778	0.435527962	0.46122	0.066843083
14325	AGI_HUM1_OLIGO_A_24_P65507	<u>STRA13 Stimulated by retinoic acid 13 NM_144998 </u>	-2.62437329	-0.963555556	0.36715644	0.49755	0.066843083
13072	AGI_HUM1_OLIGO_A_24_P373286	<u>CP110 CP110 protein NM_014711 </u>	-2.62096785	-1.335333333	0.509481005	0.40486	0.066843083
16318	AGI_HUM1_OLIGO_A_32_P168727	<u> I_1905018 </u>	-2.62051078	-1.365	0.520890817	0.42231	0.066843083
6745	AGI_HUM1_OLIGO_A_23_P401	<u>CENPF Centromere protein F, 350/400ka (mitosin) NM_016343 </u>	-2.62028854	-2.072444444	0.790922224	0.31448	0.066843083
482	AGI_HUM1_OLIGO_A_23_P110598	<u>WDR36 WD repeat domain 36 NM_139281 </u>	-2.61736679	-1.124888889	0.429778849	0.47552	0.066843083
3829	AGI_HUM1_OLIGO_A_23_P209805	<u>NAB1 NGFI-A binding protein 1 (EGR1 binding protein 1) BC035724 </u>	-2.60982047	-1.104888889	0.423358196	0.45217	0.066843083
14567	AGI_HUM1_OLIGO_A_24_P732099	<u> THC1529413 </u>	-2.60900677	-1.008	0.386353923	0.47993	0.066843083
13407	AGI_HUM1_OLIGO_A_24_P400997	<u>KIAA0650 KIAA0650 protein BC006008 </u>	-2.60732745	-1.3356	0.512248663	0.39458	0.066843083
612	AGI_HUM1_OLIGO_A_23_P11372	<u>HPRT1 Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome) NM_000194 </u>	-2.60696253	-1.121777778	0.430300691	0.44638	0.066843083
16568	AGI_HUM1_OLIGO_A_32_P194264	<u> CDNA FLJ34490 fis, clone HLUNG2004707 BC025376 </u>	-2.606204	-1.295111111	0.496933897	0.43178	0.066843083
13613	AGI_HUM1_OLIGO_A_24_P416079	<u>NUSAP1 Nucleolar and spindle associated protein 1 NM_018454 </u>	-2.60417661	-1.612666667	0.619261636	0.40913	0.066843083
16636	AGI_HUM1_OLIGO_A_32_P200934	<u> CDNA FLJ11381 fis, clone HEMBA1000501 AK021443 </u>	-2.60088257	-1.935422222	0.744140563	0.37056	0.066843083
14630	AGI_HUM1_OLIGO_A_24_P752362	<u> XM_302446 </u>	-2.59531401	-1.236155556	0.476302886	0.42531	0.066843083
10348	AGI_HUM1_OLIGO_A_24_P14156	<u> I_960629 </u>	-2.59483895	-1.644577778	0.633787995	0.41217	0.066843083
4158	AGI_HUM1_OLIGO_A_23_P216396	<u>EXOSC2 Exosome component 2 NM_014285 </u>	-2.5939504	-1.081333333	0.416867391	0.47762	0.066843083
15227	AGI_HUM1_OLIGO_A_24_P921933	<u> THC1508076 </u>	-2.59362995	-1.438355556	0.554572387	0.36716	0.066843083
8021	AGI_HUM1_OLIGO_A_23_P57588	<u>GTSE1 G-2 and S-phase expressed 1 NM_016426 </u>	-2.59126576	-1.651777778	0.637440515	0.39806	0.066843083
1458	AGI_HUM1_OLIGO_A_23_P132936	<u>FLJ22649 Hypothetical protein FLJ22649 similar to signal peptidase SPC22/23 NM_021928 </u>	-2.5898923	-1.091555556	0.421615689	0.49630	0.066843083
2147	AGI_HUM1_OLIGO_A_23_P148475	<u>KIF4A Kinesin family member 4A NM_012310 </u>	-2.58565216	-1.403555556	0.542824582	0.41290	0.066843083
16602	AGI_HUM1_OLIGO_A_32_P197561	<u>EBF Early B-cell factor AK096708 </u>	-2.58263085	-1.949288889	0.754768685	0.23596	0.066843083
12076	AGI_HUM1_OLIGO_A_24_P289130	<u> ENST00000274083 </u>	-2.57666017	-1.046244444	0.406046733	0.48272	0.066843083
1060	AGI_HUM1_OLIGO_A_23_P123463	<u>3'HEXO 3' exoribonuclease NM_153332 </u>	-2.57663053	-1.030844444	0.400074607	0.49794	0.066843083
16303	AGI_HUM1_OLIGO_A_32_P167471	<u> THC1410715 </u>	-2.57505816	-1.407377778	0.546542133	0.40186	0.066843083

5993	AGI_HUM1_OLIGO_A_23_P356616	<u>ABTB2 Ankyrin repeat and BTB (POZ) domain containing 2 NM_145804 </u>	-2.57461034	-1.069777778	0.415510558	0.47625	0.066843083
8564	AGI_HUM1_OLIGO_A_23_P70249	<u>CDC25C Cell division cycle 25C NM_001790 </u>	-2.56775337	-1.621111111	0.63133443	0.39753	0.066843083
5081	AGI_HUM1_OLIGO_A_23_P29803	<u>POLR2H Polymerase (RNA) (DNA directed) polypeptide H NM_006232 </u>	-2.5605594	-1.013555556	0.395833643	0.49765	0.066843083
6296	AGI_HUM1_OLIGO_A_23_P37375	<u>RPS6KA5 Ribosomal protein S6 kinase, 90kDa, polypeptide 5 NM_004755 </u>	-2.55636594	-1.335333333	0.522356096	0.36858	0.066843083
10178	AGI_HUM1_OLIGO_A_24_P126181	<u>TRA16 TR4 orphan receptor associated protein TRA16 NM_176880 </u>	-2.55154975	-1.066444444	0.417959495	0.46378	0.066843083
13580	AGI_HUM1_OLIGO_A_24_P413941	<u>FLJ38973 Hypothetical protein FLJ38973 NM_153689 </u>	-2.54773304	-1.170222222	0.459391614	0.48832	0.066843083
15993	AGI_HUM1_OLIGO_A_32_P139021	<u> THC1589164 </u>	-2.53903251	-1.125555556	0.443300962	0.45601	0.066843083
13196	AGI_HUM1_OLIGO_A_24_P383598	<u> ENST00000309746 </u>	-2.53868095	-1.3414	0.528384633	0.40613	0.066843083
16594	AGI_HUM1_OLIGO_A_32_P196520	<u>LSM11 LSM11, U7 small nuclear RNA associated AK023159 </u>	-2.53530664	-0.976822222	0.385287605	0.49839	0.066843083
6992	AGI_HUM1_OLIGO_A_23_P416711	<u>SIAT7C Sialyltransferase 7 ((alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminic</u>	-2.53447724	-1.920888889	0.757903388	0.20739	0.066843083
14832	AGI_HUM1_OLIGO_A_24_P81900	<u>SLC2A3 Solute carrier family 2 (facilitated glucose transporter), member 3 NM_006931 </u>	-2.53355902	-1.296222222	0.511621087	0.43481	0.066843083
5998	AGI_HUM1_OLIGO_A_23_P35684	<u>INPP5F Inositol polyphosphate-5-phosphatase F NM_014937 </u>	-2.53165029	-1.559244444	0.615900407	0.39754	0.066843083
6520	AGI_HUM1_OLIGO_A_23_P387184	<u>NHSL1 NHS-like 1 AB037778 </u>	-2.53020679	-1.417688889	0.560305543	0.36462	0.066843083
4491	AGI_HUM1_OLIGO_A_23_P250982	<u>CGI-111 CGI-111 protein NM_016048 </u>	-2.5283686	-1.149111111	0.454487179	0.45159	0.066843083
3615	AGI_HUM1_OLIGO_A_23_P205789	<u>GABPB2 GA binding protein transcription factor, beta subunit 2, 47kDa NM_002041 </u>	-2.52824273	-1.163555556	0.460223041	0.47017	0.066843083
3400	AGI_HUM1_OLIGO_A_23_P201808	<u>PPAP2B Phosphatidic acid phosphatase type 2B NM_003713 </u>	-2.52116819	-1.265333333	0.501883745	0.43887	0.066843083
2928	AGI_HUM1_OLIGO_A_23_P165301	<u>RPE Ribulose-5-phosphate-3-epimerase AJ224326 </u>	-2.51987851	-1.184444444	0.470040297	0.46199	0.066843083
3226	AGI_HUM1_OLIGO_A_23_P18372	<u>B3GNT5 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5 AK074235 </u>	-2.5181775	-1.390555556	0.552207124	0.33816	0.066843083
7618	AGI_HUM1_OLIGO_A_23_P50096	<u>TYMS Thymidylate synthetase NM_001071 </u>	-2.51411329	-1.918666667	0.763158396	0.25727	0.066843083
13197	AGI_HUM1_OLIGO_A_24_P383609	<u>NANOS1 Nanos homolog 1 (Drosophila) AF086393 </u>	-2.51239662	-2.175288889	0.865822247	0.21944	0.066843083
3355	AGI_HUM1_OLIGO_A_23_P200940	<u>PPIH Peptidyl prolyl isomerase H (cyclophilin H) NM_006347 </u>	-2.51194758	-1.197111111	0.476566916	0.48911	0.066843083
6993	AGI_HUM1_OLIGO_A_23_P41674	<u>GRPEL2 GrpE-like 2, mitochondrial (E. coli) NM_152407 </u>	-2.51176126	-1.232022222	0.490501323	0.41207	0.066843083
8562	AGI_HUM1_OLIGO_A_23_P70201	<u>CHD1 Chromodomain helicase DNA binding protein 1 NM_001270 </u>	-2.50938537	-0.978666667	0.390002539	0.49775	0.066843083
1971	AGI_HUM1_OLIGO_A_23_P144476	<u>SPRY1 Sprouty homolog 1, antagonist of FGF signaling (Drosophila) AF041037 </u>	-2.50759492	-2.266733333	0.903947172	0.15825	0.066843083
5705	AGI_HUM1_OLIGO_A_23_P339705	<u> NM_015671 </u>	-2.50748458	-1.1582	0.461897157	0.48710	0.066843083
10979	AGI_HUM1_OLIGO_A_24_P194714	<u>MGC29814 Hypothetical protein MGC29814 NM_182565 </u>	-2.50705803	-1.231555556	0.491235361	0.43385	0.066843083
2819	AGI_HUM1_OLIGO_A_23_P163027	<u>PARP2 Poly (ADP-ribose) polymerase family, member 2 NM_005484 </u>	-2.50540036	-1.133333333	0.452356179	0.43294	0.066843083
6904	AGI_HUM1_OLIGO_A_23_P411335	<u>SGOL2 Shugoshin-like 2 (S. pombe) NM_152524 </u>	-2.50525536	-1.433022222	0.572006448	0.44723	0.066843083
2553	AGI_HUM1_OLIGO_A_23_P156748	<u>ANKS1 Ankyrin repeat and sterile alpha motif domain containing 1 D86982 </u>	-2.50446087	-2.055555556	0.820757703	0.18671	0.066843083
14670	AGI_HUM1_OLIGO_A_24_P76142	<u> ENST00000330916 </u>	-2.49666575	-1.107555556	0.44361387	0.46776	0.066843083
6536	AGI_HUM1_OLIGO_A_23_P388400	<u>TANC TPR domain, ankyrin-repeat and coiled-coil-containing AB051515 </u>	-2.49659608	-1.123111111	0.449856955	0.44953	0.066843083
9692	AGI_HUM1_OLIGO_A_23_P96041	<u>FLJ22679 Hypothetical protein FLJ22679 NM_032227 </u>	-2.49423167	-1.062	0.425782421	0.46022	0.066843083
4322	AGI_HUM1_OLIGO_A_23_P21976	<u>CSPG4 Chondroitin sulfate proteoglycan 4 (melanoma-associated) NM_001897 </u>	-2.49093822	-1.56	0.626270048	0.36349	0.066843083
10650	AGI_HUM1_OLIGO_A_24_P166663	<u>CDK6 Cyclin-dependent kinase 6 BC027989 </u>	-2.48941916	-1.243555556	0.499536428	0.40874	0.066843083
5694	AGI_HUM1_OLIGO_A_23_P339053	<u>LOC146174 Hypothetical protein LOC146174 NM_173501 </u>	-2.48876573	-1.187111111	0.476987889	0.41724	0.066843083
12435	AGI_HUM1_OLIGO_A_23_P319613	<u>NEK2 NIMA (never in mitosis gene a)-related kinase 2 AY045701 </u>	-2.48804991	-1.738666667	0.698806989	0.38242	0.066843083
169	AGI_HUM1_OLIGO_A_23_P103631	<u>EBNA1BP2 EBNA1 binding protein 2 NM_006824 </u>	-2.48538427	-1.278444444	0.514385023	0.43719	0.066843083
12763	AGI_HUM1_OLIGO_A_24_P345290	<u>AK3 Adenylate kinase 3 NM_013410 </u>	-2.483473	-1.421622222	0.572433129	0.35177	0.066843083
1915	AGI_HUM1_OLIGO_A_23_P143190	<u>MYBL2 V-myb myeloblastosis viral oncogene homolog (avian)-like 2 NM_002466 </u>	-2.48141782	-1.056888889	0.425921375	0.48718	0.066843083
14342	AGI_HUM1_OLIGO_A_24_P66027	<u>APOBEC3B Apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B NM_004900 </u>	-2.47921561	-1.302	0.525166104	0.43539	0.124252964
10913	AGI_HUM1_OLIGO_A_24_P188325	<u>UCHL5 Ubiquitin carboxyl-terminal hydrolase L5 BC025369 </u>	-2.47155816	-1.312444444	0.531019042	0.39197	0.124252964
5246	AGI_HUM1_OLIGO_A_23_P310483	<u> NM_173686 </u>	-2.46908233	-1.380711111	0.559200111	0.36082	0.124252964
14719	AGI_HUM1_OLIGO_A_24_P77676	<u>HSPA9B Heat shock 70kDa protein 9B (mortalin-2) NM_004134 </u>	-2.46798021	-1.110444444	0.44994058	0.44351	0.124252964
6765	AGI_HUM1_OLIGO_A_23_P401904	<u>PHF19 PHD finger protein 19 BC022374 </u>	-2.4625197	-1.219111111	0.495066541	0.43075	0.124252964
13158	AGI_HUM1_OLIGO_A_24_P381029	<u>TXNL2 Thioredoxin-like 2 NM_006541 </u>	-2.46056944	-1.128888889	0.458791722	0.43434	0.124252964
11000	AGI_HUM1_OLIGO_A_24_P195528	<u> ENST00000320415 </u>	-2.45571601	-1.175111111	0.478520768	0.48506	0.124252964
3080	AGI_HUM1_OLIGO_A_23_P168747	<u>MTB More than blood homolog NM_017760 </u>	-2.45480275	-1.266666667	0.515995293	0.43022	0.124252964
8039	AGI_HUM1_OLIGO_A_23_P58009	<u>FLJ23186 Hypothetical protein FLJ23186 NM_024616 </u>	-2.45450729	-1.108844444	0.451758465	0.48022	0.124252964
7033	AGI_HUM1_OLIGO_A_23_P41948	<u>FLJ20364 Hypothetical protein FLJ20364 NM_017785 </u>	-2.45414683	-1.221555556	0.497751618	0.44862	0.124252964
9310	AGI_HUM1_OLIGO_A_23_P87257	<u>MRPL17 Mitochondrial ribosomal protein L17 NM_022061 </u>	-2.45324097	-1.291555556	0.526469097	0.41285	0.124252964
13926	AGI_HUM1_OLIGO_A_24_P51061	<u>DCBLD2 Discoidin, CUB and LCCL domain containing 2 BC007117 </u>	-2.44861856	-1.448666667	0.591626107	0.42039	0.124252964
13749	AGI_HUM1_OLIGO_A_24_P46417	<u>STK10 Serine/threonine kinase 10 NM_005990 </u>	-2.44359237	-1.056866667	0.432505306	0.47010	0.124252964
5951	AGI_HUM1_OLIGO_A_23_P354705	<u>SIAT8A Sialyltransferase 8A (alpha-N-acetylneuraminate: alpha-2,8-sialyltransferase, GD3 synthase) </u>	-2.44341123	-1.413022222	0.57829898	0.33151	0.124252964

7530 AGI_HUM1_OLIGO_A_23_P487	<u>UCK2 Uridine-cytidine kinase 2 NM_012474 </u>	-2.44305057	-1.255555556	0.513929417	0.39760	0.124252964
9950 AGI_HUM1_OLIGO_A_24_P106910	<u> I_930923 </u>	-2.44080038	-1.258911111	0.515777989	0.39649	0.124252964
6612 AGI_HUM1_OLIGO_A_23_P393034	<u>HAS3 Hyaluronan synthase 3 NM_005329 </u>	-2.43867451	-1.424666667	0.584197136	0.33209	0.124252964
2159 AGI_HUM1_OLIGO_A_23_P148798	<u>UCHL5 Ubiquitin carboxyl-terminal hydrolase L5 NM_015984 </u>	-2.43684698	-1.092444444	0.448302439	0.45712	0.124252964
10800 AGI_HUM1_OLIGO_A_24_P179013	<u> ENST00000333462 </u>	-2.43601528	-1.047333333	0.429937096	0.48843	0.124252964
9089 AGI_HUM1_OLIGO_A_23_P81770	<u>PTP4A1 Protein tyrosine phosphatase type IVA, member 1 BC023975 </u>	-2.43327701	-1.173777778	0.482385594	0.45030	0.124252964
1549 AGI_HUM1_OLIGO_A_23_P134835	<u>ChGn Chondroitin beta1,4 N-acetylglactosaminyltransferase NM_018371 </u>	-2.42292022	-1.493711111	0.616492073	0.31910	0.124252964
16756 AGI_HUM1_OLIGO_A_32_P211045	<u>DHFR Dihydrofolate reductase NM_000791 </u>	-2.42170561	-1.648666667	0.680787401	0.42418	0.124252964
17895 AGI_HUM1_OLIGO_A_32_P98291	<u>SFMBT2 Scm-like with four mbt domains 2 AK057130 </u>	-2.41719199	-1.262688889	0.522378401	0.45200	0.124252964
3188 AGI_HUM1_OLIGO_A_23_P17393	<u>CSE1L CSE1 chromosome segregation 1-like (yeast) NM_001316 </u>	-2.41540409	-1.359555556	0.562868782	0.38034	0.124252964
11008 AGI_HUM1_OLIGO_A_24_P195831	<u>NY-REN-41 NY-REN-41 antigen AF301222 </u>	-2.41378017	-1.3	0.538574315	0.42690	0.124252964
14811 AGI_HUM1_OLIGO_A_24_P810828	<u> THC1590794 </u>	-2.40774324	-1.197333333	0.497284475	0.41797	0.124252964
830 AGI_HUM1_OLIGO_A_23_P11859	<u>HSD17B7 Hydroxysteroid (17-beta) dehydrogenase 7 NM_016371 </u>	-2.40379312	-0.997222222	0.414853597	0.49822	0.144780882
5903 AGI_HUM1_OLIGO_A_23_P35219	<u>NEK2 NIMA (never in mitosis gene a)-related kinase 2 NM_002497 </u>	-2.40337578	-1.861555556	0.774558674	0.40743	0.144780882
6988 AGI_HUM1_OLIGO_A_23_P416468	<u>C15orf20 Chromosome 15 open reading frame 20 AF108138 </u>	-2.40092772	-1.411777778	0.588013445	0.40153	0.144780882
9838 AGI_HUM1_OLIGO_A_23_P99731	<u>GNPNAT1 Glucosamine-phosphate N-acetyltransferase 1 NM_198066 </u>	-2.3970841	-1.161777778	0.484662919	0.41725	0.144780882
15539 AGI_HUM1_OLIGO_A_24_P98109	<u>SNX10 Sorting nexin 10 NM_013322 </u>	-2.39542647	-1.805933333	0.7539089	0.29928	0.144780882
7109 AGI_HUM1_OLIGO_A_23_P42335	<u>FANCE Fanconi anemia, complementation group E NM_021922 </u>	-2.38927998	-1.097111111	0.45918064	0.48880	0.144780882
15814 AGI_HUM1_OLIGO_A_32_P121303	<u> I_3588382 </u>	-2.38714789	-1.914888889	0.802166005	0.22411	0.144780882
9138 AGI_HUM1_OLIGO_A_23_P82868	<u>PLAT Plasminogen activator, tissue NM_000930 </u>	-2.3860361	-1.750888889	0.733806539	0.26982	0.144780882
17630 AGI_HUM1_OLIGO_A_32_P75299	<u>FBXO10 F-box protein 10 BC034247 </u>	-2.38470986	-1.102444444	0.462297097	0.46140	0.144780882
15566 AGI_HUM1_OLIGO_A_32_P100379	<u> A_32_BS100379 </u>	-2.38154567	-1.222	0.513112142	0.46722	0.144780882
15976 AGI_HUM1_OLIGO_A_32_P13728	<u>HSPA8 Heat shock 70kDa protein 8 NM_006597 </u>	-2.37864724	-1.323333333	0.556338624	0.47232	0.144780882
1924 AGI_HUM1_OLIGO_A_23_P143446	<u>MRPL39 Mitochondrial ribosomal protein L39 NM_080794 </u>	-2.37774091	-0.984888889	0.41421203	0.49795	0.144780882
7889 AGI_HUM1_OLIGO_A_23_P54622	<u>KIF22 Kinesin family member 22 NM_007317 </u>	-2.37472811	-1.384444444	0.582990716	0.40589	0.144780882
1510 AGI_HUM1_OLIGO_A_23_P134139	<u>FABP7 Fatty acid binding protein 7, brain NM_001446 </u>	-2.3745391	-2.444444444	1.029439543	0.16835	0.144780882
5218 AGI_HUM1_OLIGO_A_23_P308800	<u>GLS Glutaminase AF158555 </u>	-2.37330038	-1.283555556	0.540831479	0.38150	0.144780882
9863 AGI_HUM1_OLIGO_A_24_P100664	<u>MKKS McKusick-Kaufman syndrome AF275813 </u>	-2.37229281	-1.383111111	0.583027148	0.44438	0.144780882
2258 AGI_HUM1_OLIGO_A_23_P150935	<u>TROAP Trophinin associated protein (tastin) NM_005480 </u>	-2.37213466	-1.622666667	0.684053352	0.40601	0.144780882
1984 AGI_HUM1_OLIGO_A_23_P144726	<u>HSPC111 Hypothetical protein HSPC111 NM_016391 </u>	-2.37198225	-1.202	0.506749154	0.40780	0.144780882
141 AGI_HUM1_OLIGO_A_23_P103110	<u>MAFF V-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian) NM_012323 </u>	-2.37002419	-1.548155556	0.653223526	0.30922	0.144780882
10061 AGI_HUM1_OLIGO_A_24_P117029	<u>DLR Low density lipoprotein receptor (familial hypercholesterolemia) NM_000527 </u>	-2.36986876	-2.093111111	0.883218152	0.19947	0.144780882
15797 AGI_HUM1_OLIGO_A_32_P119154	<u>IQGAP3 IQ motif containing GTPase activating protein 3 NM_178229 </u>	-2.36221872	-1.749111111	0.740452652	0.35306	0.144780882
4791 AGI_HUM1_OLIGO_A_23_P257863	<u>CCT5 Chaperonin containing TCP1, subunit 5 (epsilon) NM_012073 </u>	-2.3609284	-1.352	0.572656079	0.39286	0.144780882
17143 AGI_HUM1_OLIGO_A_32_P34404	<u> THC1577090 </u>	-2.35645649	-1.517088889	0.643800934	0.37285	0.144780882
4727 AGI_HUM1_OLIGO_A_23_P256455	<u>RPA3 Replication protein A3, 14kDa NM_002947 </u>	-2.35310509	-1.644444444	0.698840205	0.37448	0.144780882
14950 AGI_HUM1_OLIGO_A_24_P85099	<u>HMG A2 High mobility group AT-hook 2 Z31595 </u>	-2.34940906	-1.929644444	0.821331829	0.32358	0.144780882
213 AGI_HUM1_OLIGO_A_23_P104372	<u>DNAJC9 DnaJ (Hsp40) homolog, subfamily C, member 9 NM_015190 </u>	-2.347208	-1.072666667	0.456996851	0.48264	0.144780882
3444 AGI_HUM1_OLIGO_A_23_P202594	<u>C10orf119 Chromosome 10 open reading frame 119 NM_024834 </u>	-2.34391484	-1.074888889	0.458587006	0.46980	0.16285757
6947 AGI_HUM1_OLIGO_A_23_P414273	<u>NID67 Putative small membrane protein NID67 NM_032947 </u>	-2.34176078	-1.638222222	0.699568562	0.37872	0.16285757
8950 AGI_HUM1_OLIGO_A_23_P78311	<u>SEH1L SEH1-like (S. cerevisiae) NM_031216 </u>	-2.33503712	-1.344222222	0.575674884	0.38489	0.16285757
4620 AGI_HUM1_OLIGO_A_23_P253982	<u>HOXA4 Homeo box A4 NM_002141 </u>	-2.33200746	-1.430955556	0.613615343	0.36438	0.16285757
15240 AGI_HUM1_OLIGO_A_24_P923251	<u> AF311286 </u>	-2.32937913	-1.223733333	0.525347427	0.39122	0.16285757
10343 AGI_HUM1_OLIGO_A_24_P141005	<u>SYPL Synaptophysin-like protein X61382 </u>	-2.3284392	-1.027755556	0.44139248	0.47631	0.16285757
5854 AGI_HUM1_OLIGO_A_23_P349406	<u>MGC47816 Hypothetical protein MGC47816 NM_173642 </u>	-2.32749495	-1.095088889	0.470501081	0.44432	0.16285757
8314 AGI_HUM1_OLIGO_A_23_P64173	<u>COP1 CARD only protein NM_052889 </u>	-2.326362	-1.800444444	0.773931334	0.29473	0.16285757
9125 AGI_HUM1_OLIGO_A_23_P82503	<u> NM_015068 </u>	-2.32568579	-1.376444444	0.591844544	0.38229	0.16285757
15149 AGI_HUM1_OLIGO_A_24_P914479	<u> BC002724 </u>	-2.32519035	-1.453555556	0.625134005	0.36324	0.16285757
9524 AGI_HUM1_OLIGO_A_23_P91829	<u>DCBLD2 Discoidin, CUB and LCCL domain containing 2 BC029658 </u>	-2.32313263	-1.299333333	0.559302261	0.45912	0.16285757
6872 AGI_HUM1_OLIGO_A_23_P408996	<u>OACT1 O-acetyltransferase (membrane bound) domain containing 1 AK093994 </u>	-2.32139619	-1.398666667	0.602510968	0.44236	0.16285757
5926 AGI_HUM1_OLIGO_A_23_P353436	<u> I_1894764 </u>	-2.31140189	-1.248333333	0.54007628	0.38957	0.16285757
12857 AGI_HUM1_OLIGO_A_24_P354300	<u>DKFZP434C245 DKFZP434C245 protein AL117629 </u>	-2.31128621	-1.14	0.493231861	0.47000	0.16285757
6001 AGI_HUM1_OLIGO_A_23_P357207	<u>C6orf117 Chromosome 6 open reading frame 117 NM_138409 </u>	-2.31126487	-1.9276	0.834002204	0.25712	0.16285757

565	AGI_HUM1_OLIGO_A_23_P112412	<u>TEX10 Testis expressed sequence 10 NM_017746 </u>	-2.3110862	-1.169555556	0.506063147	0.43689	0.16285757
9480	AGI_HUM1_OLIGO_A_23_P90634	<u>FLJ40432 Hypothetical protein FLJ40432 NM_152523 </u>	-2.30411362	-1.273688889	0.552789097	0.37364	0.16285757
7257	AGI_HUM1_OLIGO_A_23_P433111	<u>MGC33648 Hypothetical protein MGC33648 NM_153706 </u>	-2.30777347	-1.124888889	0.488281033	0.45620	0.16285757
13634	AGI_HUM1_OLIGO_A_24_P417407	<u>ROPN1 Ropporin, rhophilin associated protein 1 BC015413 </u>	-2.30164315	-1.620111111	0.703893264	0.41136	0.16285757
13914	AGI_HUM1_OLIGO_A_24_P506977	<u>LOC285958 Hypothetical protein LOC285958 AK096179 </u>	-2.29935885	-1.292888889	0.562282345	0.38563	0.16285757
16765	AGI_HUM1_OLIGO_A_32_P212373	<u> LOC440731 BM473515 </u>	-2.29696256	-1.296888889	0.564610373	0.38758	0.16285757
6414	AGI_HUM1_OLIGO_A_23_P380848	<u>TXNL5 Thioredoxin-like 5 NM_032731 </u>	-2.29361177	-1.062666667	0.463315841	0.46571	0.16285757
9939	AGI_HUM1_OLIGO_A_24_P106297	<u>AMACR Alpha-methylacyl-CoA racemase NM_014324 </u>	-2.28769006	-1.524444444	0.666368436	0.30054	0.16285757
3836	AGI_HUM1_OLIGO_A_23_P209987	<u> NM_032212 </u>	-2.28499403	-1.193155556	0.522170098	0.39773	0.230308116
9610	AGI_HUM1_OLIGO_A_23_P93750	<u>LSM5 LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae) NM_012322 </u>	-2.28353458	-1.017777778	0.445702809	0.46985	0.230308116
6703	AGI_HUM1_OLIGO_A_23_P398460	<u>HK2 Hexokinase 2 NM_000189 </u>	-2.28138605	-1.828666667	0.801559502	0.38648	0.230308116
6378	AGI_HUM1_OLIGO_A_23_P379034	<u>FLJ22582 Hypothetical protein FLJ22582 NM_025045 </u>	-2.28094621	-1.882222222	0.825193603	0.31127	0.230308116
16790	AGI_HUM1_OLIGO_A_32_P215113	<u> BC019231 </u>	-2.27763811	-1.272622222	0.558746456	0.39620	0.230308116
8633	AGI_HUM1_OLIGO_A_23_P7144	<u>CXCL1 Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) NM_001511 </u>	-2.27433139	-2.269333333	0.997802407	0.31197	0.230308116
14148	AGI_HUM1_OLIGO_A_24_P58894	<u> ENST00000329276 </u>	-2.26679215	-1.169777778	0.516049863	0.40873	0.230308116
8777	AGI_HUM1_OLIGO_A_23_P75028	<u>C10orf74 Chromosome 10 open reading frame 74 BC038724 </u>	-2.26543309	-1.088	0.480261371	0.46037	0.230308116
13933	AGI_HUM1_OLIGO_A_24_P51777	<u>C3orf6 Chromosome 3 open reading frame 6 NM_174908 </u>	-2.26432584	-1.062888889	0.469406332	0.46563	0.230308116
7932	AGI_HUM1_OLIGO_A_23_P55515	<u>RNMT RNA (guanine-7-) methyltransferase BC017816 </u>	-2.25982284	-1.194822222	0.528723846	0.39318	0.230308116
17594	AGI_HUM1_OLIGO_A_32_P72447	<u> ENST00000311926 </u>	-2.25940347	-1.545777778	0.684153052	0.32822	0.230308116
16521	AGI_HUM1_OLIGO_A_32_P190097	<u>PRKAR1A Protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) NM_000003 </u>	-2.2593618	-1.338222222	0.592300985	0.45951	0.230308116
6545	AGI_HUM1_OLIGO_A_23_P388812	<u>FLJ40629 Hypothetical protein FLJ40629 AK097948 </u>	-2.25665796	-1.2982	0.575275483	0.44361	0.230308116
16784	AGI_HUM1_OLIGO_A_32_P214011	<u> A_32_BS214011 </u>	-2.25610511	-1.409111111	0.624576889	0.35981	0.230308116
7154	AGI_HUM1_OLIGO_A_23_P42695	<u>C7orf24 Chromosome 7 open reading frame 24 NM_024051 </u>	-2.25601134	-1.104666667	0.489654749	0.44455	0.230308116
13203	AGI_HUM1_OLIGO_A_24_P383834	<u> ENST00000318629 </u>	-2.25525626	-1.554888889	0.68945109	0.38072	0.230308116
882	AGI_HUM1_OLIGO_A_23_P119763	<u>ABCG5 ATP-binding cassette, sub-family G (WHITE), member 5 (sterolin 1) NM_022436 </u>	-2.2535216	-1.6188	0.718342351	0.25615	0.230308116
9617	AGI_HUM1_OLIGO_A_23_P94009	<u>LSM8 LSM8 homolog, U6 small nuclear RNA associated (S. cerevisiae) BC002742 </u>	-2.25306235	-1.071555556	0.475599602	0.46073	0.230308116
15929	AGI_HUM1_OLIGO_A_32_P132827	<u> I_1938525 </u>	-2.2503093	-1.241333333	0.551627874	0.37624	0.230308116
15328	AGI_HUM1_OLIGO_A_24_P930963	<u> Homo sapiens, clone IMAGE:5264670, mRNA BC036550 </u>	-2.24800409	-1.115911111	0.496400837	0.45453	0.230308116
8456	AGI_HUM1_OLIGO_A_23_P6771	<u>LMCD1 LIM and cysteine-rich domains 1 NM_014583 </u>	-2.24784715	-1.379777778	0.613821886	0.35052	0.230308116
8742	AGI_HUM1_OLIGO_A_23_P74278	<u>PDE4B Phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila) L_000003 </u>	-2.24396823	-2.023555556	0.901775493	0.20260	0.230308116
16721	AGI_HUM1_OLIGO_A_32_P207885	<u> NM_030921 </u>	-2.2432542	-1.258755556	0.561129254	0.45636	0.230308116
3854	AGI_HUM1_OLIGO_A_23_P21033	<u>GMPS Guanine monophosphate synthetase NM_003875 </u>	-2.242715	-0.975777778	0.435087729	0.49789	0.230308116
7699	AGI_HUM1_OLIGO_A_23_P50455	<u>POLD1 Polymerase (DNA directed), delta 1, catalytic subunit 125kDa NM_002691 </u>	-2.24242822	-1.002888889	0.447233441	0.47145	0.230308116
8457	AGI_HUM1_OLIGO_A_23_P67725	<u>LMNB2 Lamin B2 NM_032737 </u>	-2.24083056	-1.100444444	0.491087754	0.49204	0.230308116
15799	AGI_HUM1_OLIGO_A_32_P119174	<u> AW082201 </u>	-2.24024617	-1.237555556	0.552419448	0.48743	0.230308116
6717	AGI_HUM1_OLIGO_A_23_P399255	<u>MGC33993 Hypothetical protein MGC33993 NM_152737 </u>	-2.24000606	-1.300888889	0.580752397	0.40978	0.230308116
5134	AGI_HUM1_OLIGO_A_23_P302654	<u>Cep72 Centrosomal protein 72 kDa NM_018140 </u>	-2.238711	-1.380222222	0.616525411	0.40041	0.230308116
10083	AGI_HUM1_OLIGO_A_24_P118336	<u> ENST00000315642 </u>	-2.23824821	-0.9654	0.431319457	0.49453	0.230308116
13797	AGI_HUM1_OLIGO_A_24_P478556	<u> CDNA clone IMAGE:4796690, partial cds BC030102 </u>	-2.23507797	-1.1982	0.536088681	0.42923	0.230308116
10697	AGI_HUM1_OLIGO_A_24_P170283	<u> ENST00000330930 </u>	-2.23149499	-1.400222222	0.62748168	0.39390	0.230308116
240	AGI_HUM1_OLIGO_A_23_P105028	<u>DKFZP564J0863 DKFZP564J0863 protein NM_015459 </u>	-2.22974026	-1.058666667	0.474793718	0.48710	0.230308116
8183	AGI_HUM1_OLIGO_A_23_P61127	<u>MGC4825 Hypothetical protein MGC4825 NM_024122 </u>	-2.22847897	-1.114444444	0.500091972	0.48363	0.230308116
4721	AGI_HUM1_OLIGO_A_23_P256384	<u>PSIP1 PC4 and SFRS1 interacting protein 1 NM_021144 </u>	-2.22776934	-1.183555556	0.531273832	0.46631	0.230308116
2762	AGI_HUM1_OLIGO_A_23_P161624	<u>FOSL1 FOS-like antigen 1 BC016648 </u>	-2.22066754	-1.504444444	0.677473966	0.35349	0.294249186
6781	AGI_HUM1_OLIGO_A_23_P403081	<u>FLJ32363 FLJ32363 protein AK056925 </u>	-2.21861007	-1.197044444	0.539547016	0.48185	0.294249186
6327	AGI_HUM1_OLIGO_A_23_P375476	<u>ZADH2 Zinc binding alcohol dehydrogenase, domain containing 2 NM_175907 </u>	-2.21508168	-1.126	0.508333399	0.42801	0.294249186
2007	AGI_HUM1_OLIGO_A_23_P145134	<u>FGFR1OP FGFR1 oncogene partner NM_007045 </u>	-2.21409215	-1.273555556	0.575204404	0.46452	0.294249186
3680	AGI_HUM1_OLIGO_A_23_P20683	<u>KIAA0020 KIAA0020 NM_014878 </u>	-2.21169625	-1.106666667	0.500370097	0.43270	0.294249186
5639	AGI_HUM1_OLIGO_A_23_P335329	<u>GNG4 Guanine nucleotide binding protein (G protein), gamma 4 NM_004485 </u>	-2.20225389	-1.033777778	0.469418073	0.49202	0.294249186
7287	AGI_HUM1_OLIGO_A_23_P434768	<u>NUP50 Nucleoporin 50kDa BC039468 </u>	-2.20056214	-1.846888889	0.839280496	0.26088	0.294249186
3803	AGI_HUM1_OLIGO_A_23_P209337	<u>LOC151194 Similar to hepatocellular carcinoma-associated antigen HCA557b NM_145280 </u>	-2.20006892	-1.074888889	0.488570553	0.45741	0.294249186
3491	AGI_HUM1_OLIGO_A_23_P203475	<u>PRKCDDBP Protein kinase C, delta binding protein NM_145040 </u>	-2.19816932	-1.107555556	0.503853614	0.48739	0.294249186
16005	AGI_HUM1_OLIGO_A_32_P140262	<u> XM_293746 </u>	-2.18776959	-1.014444444	0.463688886	0.49383	0.294249186

3306 AGI_HUM1_OLIGO_A_23_P19987	<u>IMP-3 IGF-II mRNA-binding protein 3 NM_006547 </u>	-2.17375556	-1.051333333	0.483648369	0.45388	0.294249186
14673 AGI_HUM1_OLIGO_A_24_P761727	<u> XM_301361 </u>	-2.173188	-1.187555556	0.54645781	0.42649	0.294249186
6455 AGI_HUM1_OLIGO_A_23_P383060	<u>SLC5A6 Solute carrier family 5 (sodium-dependent vitamin transporter), member 6 NM_021095 </u>	-2.1671763	-0.945777778	0.436410169	0.48761	0.294249186
16280 AGI_HUM1_OLIGO_A_32_P165297	<u> THC1547835 </u>	-2.16659691	-1.230644444	0.568008032	0.40701	0.294249186
16423 AGI_HUM1_OLIGO_A_32_P180265	<u> THC1575972 </u>	-2.16556786	-1.184822222	0.547118493	0.47359	0.294249186
15977 AGI_HUM1_OLIGO_A_32_P137336	<u>MPP6 Membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) BC013077 </u>	-2.16540294	-0.988133333	0.456327695	0.49547	0.294249186
9181 AGI_HUM1_OLIGO_A_23_P83931	<u>NET1 Neuroepithelial cell transforming gene 1 NM_005863 </u>	-2.16050484	-1.360222222	0.629585361	0.47653	0.35306215
17777 AGI_HUM1_OLIGO_A_32_P87013	<u>IL8 Interleukin 8 NM_000584 </u>	-2.15772891	-2.429333333	1.125875139	0.26018	0.35306215
16442 AGI_HUM1_OLIGO_A_32_P182439	<u>POLD3 Polymerase (DNA-directed), delta 3, accessory subunit D26018 </u>	-2.15637769	-0.991555556	0.459824623	0.46997	0.35306215
11226 AGI_HUM1_OLIGO_A_24_P213494	<u>PTPRE Protein tyrosine phosphatase, receptor type, E AF406557 </u>	-2.1561473	-1.604377778	0.744094698	0.26363	0.35306215
1644 AGI_HUM1_OLIGO_A_23_P137173	<u>TMSNB Thymosin, beta, identified in neuroblastoma cells NM_021992 </u>	-2.1492097	-1.140444444	0.530634327	0.48682	0.35306215
1439 AGI_HUM1_OLIGO_A_23_P132468	<u>SLC4A7 Solute carrier family 4, sodium bicarbonate cotransporter, member 7 AB012130 </u>	-2.1488836	-1.258911111	0.585844256	0.43409	0.35306215
15645 AGI_HUM1_OLIGO_A_32_P106646	<u> I_1898032 </u>	-2.14742837	-1.011555556	0.471054387	0.49770	0.35306215
17174 AGI_HUM1_OLIGO_A_32_P36075	<u> BX436400 </u>	-2.14658182	-1.152666667	0.536977745	0.47201	0.35306215
3095 AGI_HUM1_OLIGO_A_23_P1691	<u>MMP1 Matrix metalloproteinase 1 (interstitial collagenase) NM_002421 </u>	-2.13878689	-1.622222222	0.758477729	0.40659	0.35306215
15876 AGI_HUM1_OLIGO_A_32_P127248	<u> THC1467882 </u>	-2.13801415	-1.155333333	0.540376841	0.47494	0.35306215
9724 AGI_HUM1_OLIGO_A_23_P97123	<u> NM_032746 </u>	-2.13171517	-1.187555556	0.557089228	0.47555	0.35306215
6944 AGI_HUM1_OLIGO_A_23_P41424	<u>SLC39A8 Solute carrier family 39 (zinc transporter), member 8 NM_022154 </u>	-2.12213901	-1.067555556	0.503056373	0.49352	0.35306215
5367 AGI_HUM1_OLIGO_A_23_P316974	<u>SYNJ2 Synaptojanin 2 NM_003898 </u>	-2.11969684	-0.995111111	0.469459166	0.49148	0.35306215
10574 AGI_HUM1_OLIGO_A_24_P160874	<u>ZNF534 Zinc finger protein 534 AK058073 </u>	-2.11940948	-1.120222222	0.528553935	0.46088	0.35306215
2900 AGI_HUM1_OLIGO_A_23_P164814	<u>MGC11271 Hypothetical protein MGC11271 NM_024323 </u>	-2.11771576	-1.346666667	0.635905296	0.35561	0.35306215
8486 AGI_HUM1_OLIGO_A_23_P68610	<u>TPX2 TPX2, microtubule-associated protein homolog (Xenopus laevis) NM_012112 </u>	-2.10918311	-1.224888889	0.580740895	0.49818	0.382864998
2767 AGI_HUM1_OLIGO_A_23_P161698	<u>MMP3 Matrix metalloproteinase 3 (stromelysin 1, progelatinase) NM_002422 </u>	-2.10814639	-1.452666667	0.689072958	0.34435	0.382864998
11705 AGI_HUM1_OLIGO_A_24_P254705	<u>SBZF3 Zinc finger protein SBZF3 NM_020394 </u>	-2.10641944	-1.193288889	0.56650108	0.49288	0.382864998
8508 AGI_HUM1_OLIGO_A_23_P69109	<u>PLSCR1 Phospholipid scramblase 1 NM_021105 </u>	-2.10598259	-1.449111111	0.688092634	0.31630	0.382864998
712 AGI_HUM1_OLIGO_A_23_P116264	<u>NRGN Neurogranin (protein kinase C substrate, RC3) NM_006176 </u>	-2.10525238	-1.114088889	0.529194932	0.48147	0.382864998
16469 AGI_HUM1_OLIGO_A_32_P184933	<u>UBE2S Ubiquitin-conjugating enzyme E2S NM_014501 </u>	-2.10079791	-1.366222222	0.650334912	0.35645	0.382864998
2142 AGI_HUM1_OLIGO_A_23_P148372	<u>CSTF2 Cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa NM_001325 </u>	-2.09844205	-0.963333333	0.459070734	0.48759	0.382864998
10130 AGI_HUM1_OLIGO_A_24_P122137	<u>LIF Leukemia inhibitory factor (cholinergic differentiation factor) NM_002309 </u>	-2.09129293	-1.962888889	0.938600644	0.40608	0.382864998
17066 AGI_HUM1_OLIGO_A_32_P28685	<u> ENST00000272567 </u>	-2.08332872	-1.006444444	0.483094403	0.47677	0.382864998
5974 AGI_HUM1_OLIGO_A_23_P356004	<u>CSEN Calsenilin, presenilin binding protein, EF hand transcription factor NM_013434 </u>	-2.0811583	-1.383644444	0.664843441	0.32564	0.382864998
6419 AGI_HUM1_OLIGO_A_23_P380978	<u>C18orf19 Chromosome 18 open reading frame 19 NM_152352 </u>	-2.07985568	-1.866666667	0.89749817	0.25575	0.382864998
1736 AGI_HUM1_OLIGO_A_23_P139312	<u>LOC200895 Hypothetical protein LOC200895 NM_176815 </u>	-2.07777469	-1.168866667	0.562556985	0.45003	0.382864998
8449 AGI_HUM1_OLIGO_A_23_P67529	<u>KCNN4 Potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 </u>	-2.07645579	-2.251333333	1.084219246	0.15041	0.382864998
4522 AGI_HUM1_OLIGO_A_23_P251695	<u>NXT1 NTF2-like export factor 1 NM_013248 </u>	-2.07573118	-1.288888889	0.62093247	0.47709	0.382864998
14336 AGI_HUM1_OLIGO_A_24_P659113	<u>FLJ40432 Hypothetical protein FLJ40432 NM_152523 </u>	-2.0757267	-1.229244444	0.592199562	0.40558	0.382864998
13608 AGI_HUM1_OLIGO_A_24_P415928	<u>ESRRB Estrogen-related receptor beta AK096020 </u>	-2.07441451	-1.118111111	0.539000815	0.49067	0.382864998
6171 AGI_HUM1_OLIGO_A_23_P366468	<u> NM_178472 </u>	-2.06365805	-1.066444444	0.516773816	0.46974	0.382864998
10259 AGI_HUM1_OLIGO_A_24_P133171	<u>ELK3 ELK3, ETS-domain protein (SRF accessory protein 2) AK026078 </u>	-2.05572145	-1.173333333	0.570764748	0.47605	0.501555936
16539 AGI_HUM1_OLIGO_A_32_P191895	<u> Homo sapiens, Similar to syndecan binding protein (syntenin), clone IMAGE:4814292, mRNA BC0457</u>	-2.05476687	-1.495111111	0.727630533	0.43110	0.501555936
11775 AGI_HUM1_OLIGO_A_24_P260639	<u>HIST1H1D Histone 1, H1d NM_005320 </u>	-2.05406531	-1.178666667	0.573821418	0.39092	0.501555936
4284 AGI_HUM1_OLIGO_A_23_P218619	<u>MRPL30 Mitochondrial ribosomal protein L30 BC022391 </u>	-2.05385946	-0.929955556	0.452784416	0.49649	0.501555936
17581 AGI_HUM1_OLIGO_A_32_P71447	<u>KIAA0056 KIAA0056 protein D29954 </u>	-2.04933708	-1.030888889	0.503035297	0.49786	0.501555936
4081 AGI_HUM1_OLIGO_A_23_P214907	<u>ETHFSDC1 Formyltetrahydrofolate synthetase domain containing 1 NM_015440 </u>	-2.03620025	-1.191911111	0.585360459	0.44134	0.501555936
6155 AGI_HUM1_OLIGO_A_23_P365685	<u>LIMS3 LIM and senescent cell antigen-like domains 3 NM_033514 </u>	-2.03514857	-1.165933333	0.572898386	0.45747	0.501555936
10653 AGI_HUM1_OLIGO_A_24_P166807	<u>TPD52 Tumor protein D52 BC018117 </u>	-2.03499933	-1.166222222	0.573082362	0.46636	0.501555936
11029 AGI_HUM1_OLIGO_A_24_P19828	<u>TOE1 Target of EGR1, member 1 (nuclear) NM_025077 </u>	-2.03353193	-1.083088889	0.532614647	0.46806	0.501555936
4949 AGI_HUM1_OLIGO_A_23_P27133	<u>KRT15 Keratin 15 NM_002275 </u>	-2.03287028	-1.030666667	0.507000705	0.46342	0.501555936
4150 AGI_HUM1_OLIGO_A_23_P216257	<u>TPD52 Tumor protein D52 AK057075 </u>	-2.02160555	-1.391333333	0.688231852	0.37091	0.501555936
14937 AGI_HUM1_OLIGO_A_24_P84898	<u> ENST00000332692 </u>	-2.02134108	-1.118	0.553098145	0.46179	0.501555936
5535 AGI_HUM1_OLIGO_A_23_P327519	<u>STARD4 START domain containing 4, sterol regulated NM_139164 </u>	-2.02130774	-1.052888889	0.520894889	0.44990	0.501555936
3181 AGI_HUM1_OLIGO_A_23_P17204	<u>ANAPC1 Anaphase promoting complex subunit 1 NM_022662 </u>	-2.01956147	-0.970222222	0.480412325	0.48055	0.501555936
10426 AGI_HUM1_OLIGO_A_24_P14776	<u> I_1933981 </u>	-2.01812181	-2.410688889	1.194521005	0.08670	0.501555936

6560 AGI_HUM1_OLIGO_A_23_P389919	<u>WHSC1 Wolf-Hirschhorn syndrome candidate 1 NM_014919 </u>	-2.01067337	-1.13	0.562000778	0.43611	0.501555936
3985 AGI_HUM1_OLIGO_A_23_P212844	<u>TACC3 Transforming, acidic coiled-coil containing protein 3 NM_006342 </u>	-2.00516923	-1.176666667	0.586816638	0.49031	0.586529418
7766 AGI_HUM1_OLIGO_A_23_P51884	<u>PUSL1 Pseudouridylylate synthase-like 1 NM_153339 </u>	-2.00127814	-1.143333333	0.571301564	0.44848	0.586529418
15079 AGI_HUM1_OLIGO_A_24_P898945	<u> CAMP-binding guanine nucleotide exchange factor IV (cAMP-GEFIV) mRNA, clone W15, partial sequen</u>	-1.99989891	-1.631555556	0.815819015	0.28585	0.586529418
8616 AGI_HUM1_OLIGO_A_23_P71067	<u> TWIST1 Twist homolog 1 (acrocephalosyndactyl 3; Saethre-Chotzen syndrome) (Drosophila) NM_00</u>	-1.99740724	-1.138777778	0.570127991	0.42586	0.586529418
3466 AGI_HUM1_OLIGO_A_23_P202978	<u>CASP1 Caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase) NM_033292</u>	-1.99578905	-2.202	1.103323021	0.16952	0.586529418
15127 AGI_HUM1_OLIGO_A_24_P913016	<u>UROS Uroporphyrinogen III synthase (congenital erythropoietic porphyria) BC004338 </u>	-1.99539428	-1.384311111	0.693753173	0.39854	0.586529418
5053 AGI_HUM1_OLIGO_A_23_P29204	<u>MTP18 Mitochondrial protein 18 kDa NM_016498 </u>	-1.98919596	-1.584666667	0.796636783	0.27384	0.586529418
1991 AGI_HUM1_OLIGO_A_23_P144877	<u> BC015527 </u>	-1.98916818	-1.366444444	0.686942642	0.34800	0.586529418
8273 AGI_HUM1_OLIGO_A_23_P63319	<u>SOAT1 Sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1 L21934 </u>	-1.98531678	-1.061911111	0.534882455	0.46202	0.586529418
397 AGI_HUM1_OLIGO_A_23_P108641	<u>FLJ14668 Hypothetical protein FLJ14668 NM_032822 </u>	-1.98406257	-0.943333333	0.475455435	0.48952	0.586529418
8781 AGI_HUM1_OLIGO_A_23_P75071	<u>MPHOSPH1 M-phase phosphoprotein 1 NM_016195 </u>	-1.98375768	-1.153866667	0.581657063	0.48491	0.586529418
6591 AGI_HUM1_OLIGO_A_23_P391906	<u>KIAA1913 KIAA1913 NM_052913 </u>	-1.98330059	-1.587888889	0.800629464	0.27465	0.586529418
7250 AGI_HUM1_OLIGO_A_23_P432626	<u>MCFP Mitochondrial carrier family protein NM_018843 </u>	-1.97900166	-0.991666667	0.501094408	0.48088	0.586529418
14468 AGI_HUM1_OLIGO_A_24_P69439	<u>MFTC Mitochondrial folate transporter/carrier NM_030780 </u>	-1.97313144	-0.995333333	0.504443503	0.48833	0.586529418
17825 AGI_HUM1_OLIGO_A_32_P918263	<u> XM_294162 </u>	-1.97024107	-1.2146	0.616472784	0.47249	0.586529418
14621 AGI_HUM1_OLIGO_A_24_P75019	<u> Similar to Retinitis pigmentosa 9 protein (Pim-1 associated protein) (PAP-1) AF274938 </u>	-1.96950868	-1.028777778	0.522352497	0.49724	0.586529418
2170 AGI_HUM1_OLIGO_A_23_P148984	<u>FLJ10514 Hypothetical protein FLJ10514 NM_018122 </u>	-1.96808112	-1.092222222	0.554968091	0.49605	0.586529418
6931 AGI_HUM1_OLIGO_A_23_P41327	<u>LYAR Hypothetical protein FLJ20425 NM_017816 </u>	-1.96764298	-0.962222222	0.489022771	0.49164	0.586529418
5891 AGI_HUM1_OLIGO_A_23_P351275	<u>UPP1 Uridine phosphorylase 1 NM_181597 </u>	-1.96683335	-1.5764	0.801491331	0.34468	0.586529418
10469 AGI_HUM1_OLIGO_A_24_P152325	<u> ENST00000306804 </u>	-1.96351915	-0.965333333	0.491634285	0.47359	0.586529418
7783 AGI_HUM1_OLIGO_A_23_P52207	<u>BAMBI BMP and activin membrane-bound inhibitor homolog (Xenopus laevis) NM_012342 </u>	-1.95966502	-1.227111111	0.626184117	0.42851	0.586529418
11952 AGI_HUM1_OLIGO_A_24_P277576	<u>TRIP13 Thyroid hormone receptor interactor 13 BC019294 </u>	-1.95897101	-1.231955556	0.628878911	0.45934	0.586529418
15581 AGI_HUM1_OLIGO_A_32_P101379	<u>KIAA1906 KIAA1906 protein AK094786 </u>	-1.95886498	-0.966466667	0.49338095	0.46811	0.586529418
5241 AGI_HUM1_OLIGO_A_23_P310317	<u>TCOF1 Treacher Collins-Franceschetti syndrome 1 NM_000356 </u>	-1.95838561	-0.981777778	0.501319951	0.47518	0.586529418
1800 AGI_HUM1_OLIGO_A_23_P140705	<u>C15orf23 Chromosome 15 open reading frame 23 BC045739 </u>	-1.95590504	-1.173333333	0.599892791	0.49182	0.586529418
9512 AGI_HUM1_OLIGO_A_23_P91590	<u>RANBP1 RAN binding protein 1 NM_002882 </u>	-1.95528885	-1.005333333	0.514161033	0.47223	0.586529418
2794 AGI_HUM1_OLIGO_A_23_P162589	<u>VDR Vitamin D (1,25-dihydroxyvitamin D3) receptor NM_000376 </u>	-1.95357008	-1.008444444	0.516205921	0.45780	0.586529418
5484 AGI_HUM1_OLIGO_A_23_P323783	<u>C20orf40 Chromosome 20 open reading frame 40 NM_144703 </u>	-1.94860601	-1.192244444	0.611844794	0.38237	0.69465426
16714 AGI_HUM1_OLIGO_A_32_P207169	<u> THC1440006 </u>	-1.94844153	-1.819555556	0.933851761	0.30091	0.69465426
4820 AGI_HUM1_OLIGO_A_23_P258321	<u>MRPS17 Mitochondrial ribosomal protein S17 NM_015969 </u>	-1.94616197	-0.960888889	0.493735313	0.48990	0.69465426
6756 AGI_HUM1_OLIGO_A_23_P401547	<u>PVRL3 Poliovirus receptor-related 3 NM_015480 </u>	-1.93628533	-1.1414	0.589479237	0.38935	0.69465426
8489 AGI_HUM1_OLIGO_A_23_P68717	<u>DSCR2 Down syndrome critical region gene 2 NM_003720 </u>	-1.92791651	-1.127111111	0.584626515	0.43696	0.69465426
6317 AGI_HUM1_OLIGO_A_23_P374862	<u>DAF Decay accelerating factor for complement (CD55, Cromer blood group system) NM_000574 </u>	-1.92245573	-0.972222222	0.505718914	0.45023	0.69465426
15544 AGI_HUM1_OLIGO_A_24_P98371	<u>PSIP1 PC4 and SFRS1 interacting protein 1 NM_033222 </u>	-1.92138255	-1.152222222	0.59968392	0.48014	0.69465426
15334 AGI_HUM1_OLIGO_A_24_P931579	<u> THC1525189 </u>	-1.9163767	-1.521844444	0.794125937	0.26074	0.69465426
6932 AGI_HUM1_OLIGO_A_23_P41344	<u>EREG Epiregulin NM_001432 </u>	-1.91632166	-1.619244444	0.844975285	0.29843	0.69465426
16916 AGI_HUM1_OLIGO_A_32_P226073	<u> I_3569814 </u>	-1.91447438	-1.240377778	0.647894685	0.49224	0.69465426
1958 AGI_HUM1_OLIGO_A_23_P144244	<u> I_1221777 </u>	-1.9055181	-1.113977778	0.584606244	0.46615	0.69465426
8615 AGI_HUM1_OLIGO_A_23_P71053	<u>MPP6 Membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) NM_016447 </u>	-1.89811241	-0.963933333	0.507837855	0.48765	0.850173656
16078 AGI_HUM1_OLIGO_A_32_P147241	<u>PKM2 Pyruvate kinase, muscle NM_182470 </u>	-1.89510459	-1.027333333	0.542098487	0.47784	0.850173656
5070 AGI_HUM1_OLIGO_A_23_P29594	<u>RPL39L Ribosomal protein L39-like NM_052969 </u>	-1.88898521	-1.321111111	0.699376103	0.44296	0.850173656
13442 AGI_HUM1_OLIGO_A_24_P40306	<u>SERPIND1 Serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1 NM_00018</u>	-1.88772024	-1.726444444	0.914565837	0.39360	0.850173656
5945 AGI_HUM1_OLIGO_A_23_P354314	<u>GPR161 G protein-coupled receptor 161 NM_153832 </u>	-1.8869563	-1.170777778	0.620458341	0.40282	0.850173656
3921 AGI_HUM1_OLIGO_A_23_P211627	<u>NUP50 Nucleoporin 50kDa NM_153684 </u>	-1.88487034	-1.670333333	0.886179435	0.26295	0.850173656
1946 AGI_HUM1_OLIGO_A_23_P143994	<u>FANCD2 Fanconi anemia, complementation group D2 AL832427 </u>	-1.87426288	-1.086222222	0.579546357	0.46960	0.850173656
11985 AGI_HUM1_OLIGO_A_24_P280868	<u> ENST00000309608 </u>	-1.87232397	-1.057111111	0.564598395	0.48869	0.850173656
16170 AGI_HUM1_OLIGO_A_32_P155512	<u> A_32_BS155512 </u>	-1.86540625	-1.5922	0.853540618	0.42528	0.850173656
6616 AGI_HUM1_OLIGO_A_23_P3934	<u>FLJ20315 Hypothetical protein FLJ20315 NM_017763 </u>	-1.85869983	-1.829777778	0.984439633	0.31769	0.850173656
4547 AGI_HUM1_OLIGO_A_23_P252201	<u>EAF2 ELL associated factor 2 NM_018456 </u>	-1.858068	-1.269733333	0.683362143	0.37862	0.850173656
9032 AGI_HUM1_OLIGO_A_23_P80068	<u>BTG3 BTG family, member 3 NM_006806 </u>	-1.85397489	-0.996444444	0.537463828	0.46000	1.015810242
4138 AGI_HUM1_OLIGO_A_23_P215956	<u>MYC V-myc myelocytomatosis viral oncogene homolog (avian) NM_002467 </u>	-1.8523322	-1.281111111	0.691620601	0.34746	1.015810242
8283 AGI_HUM1_OLIGO_A_23_P63618	<u>SCD Stearoyl-CoA desaturase (delta-9-desaturase) AF097514 </u>	-1.84851648	-1.384888889	0.749189365	0.45633	1.015810242

515 AGI_HUM1_OLIGO_A_23_P111260	<u>NT5E 5'-nucleotidase, ecto (CD73) X55740 </u>	-1.84825831	-0.9538	0.516053407	0.49024	1.015810242
5327 AGI_HUM1_OLIGO_A_23_P31453	<u>STEAP Six transmembrane epithelial antigen of the prostate NM_012449 </u>	-1.84145209	-2.094888889	1.137628777	0.20958	1.015810242
3207 AGI_HUM1_OLIGO_A_23_P17914	<u>ADPN Adiponutrin NM_025225 </u>	-1.84079781	-1.524888889	0.82838478	0.37634	1.015810242
15601 AGI_HUM1_OLIGO_A_32_P103633	<u>MCM2 MCM2 minichromosome maintenance deficient 2, mitotin (S. cerevisiae) NM_004526 </u>	-1.83277078	-1.005111111	0.548410701	0.46950	1.015810242
8747 AGI_HUM1_OLIGO_A_23_P74359	<u>CSRP1 Cysteine and glycine-rich protein 1 NM_004078 </u>	-1.82376736	-1.266888889	0.694654874	0.37600	1.015810242
9121 AGI_HUM1_OLIGO_A_23_P82420	<u>STX1A Syntaxin 1A (brain) NM_004603 </u>	-1.81950954	-1.132	0.622145681	0.39003	1.015810242
1089 AGI_HUM1_OLIGO_A_23_P124122	<u>PXMP2 Peroxisomal membrane protein 2, 22kDa NM_018663 </u>	-1.81759213	-0.929333333	0.511299161	0.49566	1.015810242
7107 AGI_HUM1_OLIGO_A_23_P42331	<u>HMGA1 High mobility group AT-hook 1 NM_002131 </u>	-1.81514176	-0.896222222	0.493747785	0.48478	1.015810242
15806 AGI_HUM1_OLIGO_A_32_P119998	<u>AXIN2 Axin 2 (conductin, axil) BF930764 </u>	-1.80840518	-0.8926	0.493584075	0.49920	1.015810242
10276 AGI_HUM1_OLIGO_A_24_P134727	<u> NR_001288 </u>	-1.80779967	-1.091666667	0.603864845	0.44641	1.015810242
1503 AGI_HUM1_OLIGO_A_23_P134014	<u>DEADC1 Deaminase domain containing 1 NM_182503 </u>	-1.80770766	-0.951777778	0.526510895	0.48230	1.015810242

Shields et al., Supp. Table 6
pERK targets that pass SAM analysis after UO126 treatment (see figure 5 for dendrogram)
82 unique transcripts with fold changes (shown as log₂ transformed ratios), duplicates removed

Gene Symbol	Gene Name	Accession Number	<u>pERK(H)</u> <u>pERK(L) \$</u>	Fold Dec. UO126 #
A_32_BS74942	Unknown Transcript	A_32_BS74942	1.10	1.12
ALDH1A3	Aldehyde dehydrogenase 1 family, member A3	NM_000693	3.56	1.76
AMOTL1	Angiomotin like 1	BC037539	1.70	1.66
ARHE	Ras homolog gene family, member E	NM_005168	2.00	1.26
ARNT2	Aryl-hydrocarbon receptor nuclear translocator 2	NM_014862	1.77	0.76
C13orf12	Chromosome 13 open reading frame 12	NM_015932	1.35	1.16
C13orf3	Chromosome 13 open reading frame 3	NM_145061	0.95	2.95
C14orf156	Chromosome 14 open reading frame 156	NM_031210	0.84	0.95
CD200	CD200 antigen (MOX-2)	BC022522	2.19	2.86
CD58	CD58 antigen, (lymphocyte function-associated antigen 3)	NM_001779	1.24	0.82
CHST6	Carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	NM_021615	1.84	0.93
COL13A1	Collagen, type XIII, alpha 1	NM_005203	2.33	1.03
COTL1	Coactosin-like 1 (Dictyostelium)	NM_021149	1.44	1.79
CTHRC1	Collagen triple helix repeat containing 1	NM_138455	4.35	0.76
CXCL1	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	NM_001511	4.42	2.18
DCBLD2	Discoidin, CUB and LCCL domain containing 2	BC007117	1.68	1.52
DJ122O8.2	Hypothetical protein DJ122O8.2	NM_020466	1.00	0.17
DJ971N18.2	Hypothetical protein DJ971N18.2	AK075404	1.46	2.03
ENST00000327274	Unknown Transcript	ENST00000327274	1.27	0.65
ENST00000328288	Unknown Transcript	ENST00000328288	0.71	0.64
FAM33A	Family with sequence similarity 33, member A	NM_182620	0.76	0.80
FGF2	Fibroblast growth factor 2 (basic)	NM_002006	1.68	0.78
FLJ20701	Hypothetical protein FLJ20701	NM_017933	1.28	0.96
FLJ25952	DHHC-containing protein 20	NM_153251	1.06	0.71
FLJ31951	Hypothetical protein FLJ31951	NM_144726	1.20	0.81
FRMD3	FERM domain containing 3	NM_174938	1.60	0.34
GNG12	Guanine nucleotide binding protein (G protein), gamma 12	NM_018841	1.56	0.94
HIF1A	Hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	NM_001530	1.01	1.00
HMG2A	High mobility group AT-hook 2	NM_003483	3.03	3.10
I_1109770	Unknown Transcript	I_1109770	2.43	2.45
I_961813	Unknown Transcript	I_961813	1.59	1.37
ICAM1	Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	NM_000201	2.59	1.72
IL8	Interleukin 8	NM_000584	3.85	2.65
INPP5F	Inositol polyphosphate-5-phosphatase F	NM_014937	1.51	1.31
KCNN4	Potassium inter./small conductance calcium-activated channel, subfamily N, member 4	NM_002250	2.34	2.41
LIF	Leukemia inhibitory factor (cholinergic differentiation factor)	NM_002309	1.55	2.58
MGC14817	Hypothetical protein MGC14817	AF255792	1.09	0.64
MGC33993	Hypothetical protein MGC33993	NM_152737	2.93	1.17
MT1A	Metallothionein 1A (functional)	NM_005946	1.16	1.36

MT1B	Metallothionein 1B (functional)	NM_005947	2.31	2.20
MT1E	Metallothionein 1E (functional)	NM_175617	2.46	1.92
MT1G	Metallothionein 1G	NM_005950	2.59	2.65
MT1H	Metallothionein 1H	BC008408	2.22	2.20
MT1J	Metallothionein 1J	NM_175622	2.53	2.47
MT1L	Metallothionein 1L	X97261	2.44	2.09
MT1X	Metallothionein 1X	NM_005952	0.28	2.04
MT2A	Metallothionein 2A	BC007034	2.04	2.62
NSE2	Breast cancer membrane protein 101	BC033717	3.47	3.31
NT5E	5'-nucleotidase, ecto (CD73)	X55740	1.31	0.78
PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	NM_004566	0.91	0.98
PLAT	Plasminogen activator, tissue	NM_000930	4.58	2.01
PMAIP1	Phorbol-12-myristate-13-acetate-induced protein 1	BC032663	1.45	2.26
PPFIBP1	PTPRF interacting protein, binding protein 1 (liprin beta 1)	AF034802	1.38	0.71
PREX1	Phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1	NM_020820	2.51	1.99
PRKAR2B	Protein kinase, cAMP-dependent, regulatory, type II, beta	NM_002736	2.61	1.16
PVRL3	Poliovirus receptor-related 3	BC001336	2.84	1.24
RAGE	Renal tumor antigen	NM_014226	1.83	1.00
RG9MTD1	RNA (guanine-9-) methyltransferase domain containing 1	BC035967	0.67	0.80
RIS1	Ras-induced senescence 1	NM_015444	2.15	2.30
RNF128	Ring finger protein 128	NM_024539	2.56	0.56
RNMT	RNA (guanine-7-) methyltransferase	BC017816	0.86	1.04
ROPN1	Ropporin, raphilin associated protein 1	NM_017578	2.80	1.34
SAP18	Sin3-associated polypeptide, 18kDa	AF153608	0.56	0.80
SERF1A	Small EDRK-rich factor 1A (telomeric)	NM_022978	0.67	0.82
SNAPC1	Small nuclear RNA activating complex, polypeptide 1, 43kDa	NM_003082	1.38	0.88
SLC20A1	Solute carrier family 20 (phosphate transporter), member 1	L20859	1.51	2.97
SNRPB2	Small nuclear ribonucleoprotein polypeptide B"	NM_003092	1.70	1.88
SPRED1	Sprouty-related, EVH1 domain containing 1	NM_152594	1.39	0.83
SPRY2	Sprouty homolog 2 (Drosophila)	NM_005842	2.52	3.56
STK17A	Serine/threonine kinase 17a (apoptosis-inducing)	BC047696	1.72	1.17
TFAP2C	Transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	NM_003222	1.24	0.57
THC1438131	Unknown Transcript	THC1438131	0.88	0.54
THC1440006	Unknown Transcript	THC1440006	2.87	2.04
THC1441226	Unknown Transcript	THC1441226	2.37	2.65
THC1463763	Unknown Transcript	THC1463763	2.50	0.88
TWIST1	Twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila)	NM_000474	1.01	1.02
USP53	Ubiquitin specific protease 53	AF085848	1.99	0.93
WWTR1	WW domain containing transcription regulator 1 (TAZ)	NM_015472	1.73	1.50
XM_302250	Unknown Transcript	XM_302250	1.56	1.50
	Lipoma cell line Li-538/SV40 ectopic sequence from HMGI-C fusion mRNA, 3' sequence	BQ229382	1.61	2.23
	Similar to KIAA0592 protein	AK056375	0.71	0.95
	Unknown Transcript	BI520212	0.87	0.31

\$ Log₂ ratio of the expression of the indicated gene in cell lines with high pERK to expression of the indicated gene in cell lines with low pERK.

Log₂ geometric mean fold reduction of the indicated gene after UO126 treatment.

Supp. Table 7: Comparison of expression of WT cluster genes in Shields et al. vs. Kumar et al. (ref. 51) datasets

	WT cell lines	RAS/RAF mutant lines	p-value
Geometric mean expression in Shields et al. dataset (log2ratio) of the 32 transcripts* that were overexpressed in WT cells lines by Kumar et al.	1.42	0.02	p<0.0001
Number of 32 transcripts* identified by Kumar et al. with more than two-fold increased mean expression over median in Shields et al. dataset	23	0	p<0.0001
Number of 32 transcripts* identified by Kumar et al. genes with mean expression lower than median in Shields et al. dataset	0	18	p<0.0001

*Analysis limited to transcripts present in both datasets

GENE NAME	Avg WT expression	Avg RAS-RAF expression	Fold over-expression in WT lines (Shields et al.)	Fold over-expression in WT lines (Kumar et al.)	Geometric Mean
CD24 CD24 antigen (small cell lung carcinoma antigen) NM_013230	2.95	0.04	2.9	8.7	5.8
SPINT2 serine protease inhibitor, Kunitz type, 2 NM_021102	3.71	-0.30	4.0	7.1	5.6
IL18 interleukin 18 (interferon-gamma-inducing factor) NM_001562	1.12	-0.30	1.4	7.8	4.6
ID1 inhibitor of DNA binding 1 NM_002165	2.73	-0.08	2.8	6.4	4.6
TRIM29 tripartite motif-containing 29 NM_012101	1.56	0.06	1.5	7.6	4.5
ANXA3 annexin A3 NM_005139	2.83	0.81	2.0	6.6	4.3
KRT8 keratin 8 NM_002273	1.89	-0.06	2.0	6.2	4.1
KLF5 Kruppel-like factor 5 (intestinal) NM_001730	2.00	0.03	2.0	6.1	4.0
AREG amphiregulin (schwannoma-derived growth factor) NM_001657	2.71	0.29	2.4	5.5	4.0
PPL periplakin NM_002705	1.02	0.08	0.9	6.7	3.8
KRT17 keratin 17 NM_000422	1.51	0.07	1.4	6.2	3.8
EPS8L2 EPS8-like 2 NM_022772	1.42	-0.13	1.5	5.5	3.5
F3 coagulation factor III (thromboplastin, tissue factor) NM_001993	1.56	-0.01	1.6	5.2	3.4
SFN stratifin NM_006142	1.64	-0.02	1.7	5.0	3.4
KRT18 keratin 18 NM_000224	2.40	0.17	2.2	4.0	3.1
COL4A5 collagen, type IV, alpha 5 (Alport syndrome) NM_033380	0.49	-0.26	0.8	4.6	2.7
MYO5C myosin VC NM_018728	1.89	-0.24	2.1	2.6	2.4
KRT19 keratin 19 NM_002276	1.01	-0.09	1.1	3.5	2.3
LAMB3 laminin, beta 3 NM_000228	0.34	0.43	-0.1	4.1	2.0
KLF4 Kruppel-like factor 4 (gut) NM_004235	0.38	0.12	0.3	3.7	2.0
MST1R macrophage stimulating 1 receptor NM_002447	1.29	0.15	1.1	2.8	2.0
NET1 neuroepithelial cell transforming gene 1 NM_005863	1.39	0.17	1.2	2.6	1.9
PODXL podocalyxin-like NM_005397	1.14	0.69	0.5	3.3	1.9
SLC29A3 solute carrier family 29, member 3 AK002022	0.59	-0.31	0.9	2.8	1.9
GCH1 GTP cyclohydrolase 1 (dopa-responsive dystonia) NM_000161	1.15	-0.12	1.3	2.3	1.8
MCM2 MCM2 minichromosome maintenance deficient 2, mitotin NM_004526	1.25	-0.14	1.4	2.0	1.7
TUFT1 tuftelin 1 NM_020127	0.40	-0.21	0.6	2.6	1.6
ADK adenosine kinase NM_001123	0.78	-0.01	0.8	2.3	1.6
SRD5A1 steroid-5-alpha-reductase, alpha polypeptide 1 NM_001047	0.28	-0.20	0.5	2.6	1.5
PRKCI protein kinase C, iota NM_002740	1.11	0.10	1.0	2.0	1.5
SHMT1 serine hydroxymethyltransferase 1 (soluble) NM_004169	0.30	-0.07	0.4	2.6	1.5
PP pyrophosphatase (inorganic) NM_021129	0.64	-0.15	0.8	1.6	1.2