

regul	ProbelD	SYMBOL	Acc_No	FoldChange	LogRatio	PValue	AdjPValue	mean_g2	mean_g1	Probe_Seque	Gene_descr
UU	ILMN_180831TM45F19	XM_0011342	2.3615	1.2397	6,48E-16	1.25E-11	10.52989	9.29019	GCCCTCTGT	PREDICTED: Homo sapiens transmembrane 4 L six family member 19, transcript variant 2 (TM45F19), mRNA.	
UU	ILMN_241361TM45F19	NM_138461.1	2.2628	1.1791	5,34E-15	5.16E-11	11.21134	10.03325	GCCCTCTGT	Homo sapiens transmembrane 4 L six family member 19 (TM45F19), mRNA.	
UU	ILMN_172921CRYAB	NM_001855.1	2.1445	1.1007	5,58E-12	2,93E-08	6,64361	7,54295	GTCCTCACTG	Homo sapiens crystallin, alpha B (CRYAB), mRNA.	
U	ILMN_218881GDF15	NM_004864.1	1.6255	0.7009	1,93E-10	5,32E-07	10,09842	9,39757	CCGGGGTGT	Homo sapiens growth differentiation factor 15 (GDF15), mRNA.	
U	ILMN_181371KIAA1199	NM_018689.1	1.5868	0.6661	6,06E-12	2,93E-08	9,29091	8,62483	GCAAGCTCC	Homo sapiens KIAA1199 (KIAA1199), mRNA.	
U	ILMN_172121KRT75	NM_004693.1	1.5376	0.6207	1,09E-10	4,22E-07	8,01681	7,39616	CTATACCAT	Homo sapiens keratin 75 (KRT75), mRNA.	
U	ILMN_179821UPP1	NM_003364.1	1.5096	0.5942	5,09E-10	1,23E-06	9,25338	8,66222	ATCAGGAAG	Homo sapiens uridine phosphorylase 1 (UPP1), transcript variant 1, mRNA.	
U	ILMN_225141UBC	NM_031099.1	1.5066	0.5913	1,90E-10	5,23E-07	7,05603	6,46676	CCAGAGAGC	Homo sapiens ubiquitin C (UBC), mRNA.	
U	ILMN_205871FI27	NM_005532.1	1.4863	0.5717	7,85E-05	0,0240809	8,21818	7,64646	CCAAGTTCAT	Homo sapiens interferon, alpha-inducible protein 27 (IFI27), transcript variant 2, mRNA.	
U	ILMN_180121GPNMB	NM_0010053	1.4264	0.5124	1,62E-08	2,85E-05	6,99818	6,4858	CAATAACA	Homo sapiens glycoprotein (transmembrane) nmb (GPNMB), transcript variant 1, mRNA.	
U	ILMN_205231MYOC	NM_000261.1	1.4037	0.4892	1,84E-09	3,95E-06	7,18173	6,69255	TTCCTGGGT	Homo sapiens myocilin, trabecular meshwork inducible glucocorticoid response (MYOC), mRNA.	
U	ILMN_165711C14orf78	XM_0011324	1.3797	0.4643	5,34E-08	8,61E-05	9,07439	8,61007	CACACTGTC	PREDICTED: Homo sapiens chromosome 14 open reading frame 78 (C14orf78), mRNA.	
U	ILMN_170081C3orf59	NM_174967.1	1.3607	0.4444	9,70E-09	1,88E-05	11,08157	10,6372	TTCGGTGGC	Homo sapiens chromosome 3 open reading frame 59 (C3orf59), mRNA.	
U	ILMN_175891RGS4	NM_029513.1	1.3288	0.4101	3,15E-07	0,0040645	8,01647	7,60634	CCTTCAAAAG	Homo sapiens regulator of G-protein signalling 4 (RGS4), mRNA.	
U	ILMN_241231AKR1C2	NM_001354.1	1.3283	0.4095	1,14E-07	0,00016973	7,08308	6,67355	CTGCTGGC	Homo sapiens aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2), bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III (AKR1C2), transcript variant 1, mRNA. XM_943424_XM_943425_XM_943426	
U	ILMN_171311AKR1C3	NM_003739.1	1.308	0.3874	1,15E-05	0,00676418	8,33339	7,946	GCCGGTGGC	Homo sapiens aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II) (AKR1C3), mRNA.	
U	ILMN_1319081CCL2	NM_0011309	1.3013	0.3799	7,93E-07	0,00095875	7,58418	7,20423	GCGATGCC	Homo sapiens chemokine (C-C motif) receptor-like 2 (CCL2), transcript variant 2, mRNA.	
U	ILMN_180991NDRG1	NM_006096.1	1.2931	0.3708	3,74E-05	0,0141765	10,46289	10,09207	CTTCCCTGC	Homo sapiens N-myc downstream regulated gene 1 (NDRG1), mRNA.	
U	ILMN_175111HIST1H4H	NM_003543.1	1.2928	0.3705	5,80E-06	0,0039092	7,93402	7,56357	GCCACTCTT	Homo sapiens histone cluster 1, H4h (HIST1H4H), mRNA.	
U	ILMN_132421HIST2H4AA	NM_0010408	1.2892	0.3665	3,02E-07	0,00040645	7,9738	7,60733	TACATGGCT	Homo sapiens histone cluster 2, H2aa4 (HIST2H4AA), mRNA.	
U	ILMN_172131KRT6B	NM_005555.1	1.2857	0.3626	2,65E-06	0,00216622	6,66868	6,30608	CTCTGGAGT	Homo sapiens keratin 68 (KRT68), mRNA.	
U	ILMN_132431AHNAK2	NM_138420.1	1.2736	0.3489	5,69E-06	0,0039092	8,10297	7,75405	TGGGTGGC	Homo sapiens AHNAK nucleoprotein 2 (AHNAK2), mRNA.	
U	ILMN_172451LY96	NM_015364.1	1.2665	0.3409	1,28E-06	0,00137918	6,76727	6,42641	TGGGAGCC	Homo sapiens lymphocyte antigen 96 (LY96), mRNA.	
U	ILMN_175951RND3	NM_005168.1	1.2628	0.3366	2,11E-06	0,00194716	9,56337	9,22673	GAGTGTGG	Homo sapiens Rho family GTPase 3 (RND3), mRNA.	
U	ILMN_172331SCGB2A2	NM_002411.1	1.2585	0.3317	1,44E-06	0,0147016	6,68504	6,35319	CTTCTCAAG	Homo sapiens secretoglobin, family 2A, member 2 (SCGB2A2), mRNA.	
U	ILMN_173961LRR6	NM_012472.1	1.2558	0.3286	2,87E-06	0,0022252	7,4172	7,08861	ACCAAGTAG	Homo sapiens leucine rich repeat containing 6 (LRR6), mRNA.	
U	ILMN_170171FIH3	NM_0010316	1.2557	0.3285	1,15E-06	0,00130472	7,12618	6,79769	GCCCAACTC	Homo sapiens interferon-induced protein with tetratricopeptide repeats 3 (IFI3), mRNA.	
U	ILMN_233651ACS2	NM_0010765	1.2507	0.3227	2,32E-06	0,00204121	10,12928	9,80654	TTTTCTTGC	Homo sapiens acyl-CoA synthetase short-chain family member 2 (ACS2), transcript variant 2, mRNA.	
U	ILMN_170871HZAF1	NM_177925.1	1.2484	0.3201	1,59E-05	0,00878542	8,51795	8,13789	GAGTAAAC	Homo sapiens H2A histone family, member J (HZAF1), transcript variant 1, mRNA.	
U	ILMN_173201HIST2H2BE	NM_003528.1	1.2478	0.3194	2,69E-06	0,00216622	7,68282	7,36338	CACTCAAC	Homo sapiens histone cluster 2, H2be (HIST2H2BE), mRNA.	
U	ILMN_168701LOC402251	XM_377933.3	1.2432	0.314	0,00012491	0,0305754	10,02338	9,70938	ATGATCATC	PREDICTED: Homo sapiens similar to eukaryotic translation elongation factor 1 alpha 2 (LOC402251), mRNA.	
U	ILMN_173391DHR59	NM_005771.1	1.2429	0.3137	5,69E-06	0,0039092	7,34776	7,03409	GCCATTCAC	Homo sapiens dehydrogenase/reductase (SDR family) member 9 (DHR59), transcript variant 1, mRNA.	
U	ILMN_176841TCN1	NM_001062.1	1.241	0.3115	3,31E-05	0,0139171	8,50398	8,19248	TGAGTGGAG	Homo sapiens transcobalamin I (vitamin B12 binding protein, R binder family) (TCN1), mRNA.	
U	ILMN_174541IRF9	NM_006084.1	1.241	0.3115	8,70E-05	0,0243836	8,8859	8,57435	GTCCTGAT	Homo sapiens interferon regulatory factor 9 (IRF9), mRNA.	
U	ILMN_236781GEM	NM_181702.1	1.2402	0.3106	2,07E-06	0,00194716	8,67133	8,36071	CCCATGTGT	Homo sapiens GTP binding protein overexpressed in skeletal muscle (GEM), transcript variant 2, mRNA.	
U	ILMN_169001TMEM156	NM_002373.1	1.2338	0.3022	6,46E-06	0,00416206	7,16233	6,85917	GCCAGACAT	Homo sapiens histone cluster 2, H2af (HIST2H2AF), mRNA.	
U	ILMN_181171GRN	NM_002087.1	1.2338	0.3031	2,21E-05	0,0109415	8,43166	8,12858	GCCCTCCCT	Homo sapiens granulins (GRN), mRNA.	
U	ILMN_239941VAV3	NM_006113.1	1.2337	0.303	8,07E-06	0,00503477	7,9274	7,62437	CTTGTCTGT	Homo sapiens vav 3 guanine nucleotide exchange factor (VAV3), transcript variant 1, mRNA.	
U	ILMN_241321EWSR1	NM_013986.1	1.2333	0.3025	0,00017593	0,0373841	8,19519	7,8927	GCCGACCTT	Homo sapiens Ewing sarcoma breakpoint region 1 (EWSR1), transcript variant EWS-b, mRNA.	
U	ILMN_186201LOC731042	XM_0011282	1.2318	0.3008	1,64E-05	0,00882486	7,73946	7,4387	GCCGCTCAT	PREDICTED: Homo sapiens hypothetical protein LOC731042 (LOC731042), mRNA.	
U	ILMN_174151ACS2	NM_018677.1	1.2303	0.2987	5,48E-05	0,0173772	10,32299	10,02426	CTTCCCTGC	Homo sapiens acyl-CoA synthetase short-chain family member 2 (ACS2), transcript variant 1, mRNA.	
U	ILMN_172421GRN	NM_002087.1	1.2282	0.2892	3,48E-05	0,0141765	8,76984	8,48065	AGGCTCGA	Homo sapiens granulins (GRN), mRNA.	
U	ILMN_169111MT1A	NM_005946.1	1.2209	0.288	0,00019458	0,0400028	12,01951	11,73156	GTCCTCCT	Homo sapiens metallothionein 1A (MT1A), mRNA.	
U	ILMN_169741TXNIP	NM_006472.1	1.219	0.2857	9,93E-06	0,00600047	9,16034	8,87466	CAGCATAG	Homo sapiens thioredoxin interacting protein (TXNIP), mRNA.	
U	ILMN_237481ATF3	NM_0010406	1.2143	0.2802	1,99E-05	0,0104056	7,35882	7,07866	CTCCAGCGT	Homo sapiens activating transcription factor 3 (ATF3), transcript variant 4, mRNA.	
U	ILMN_239321GK	NM_203391.1	1.212	0.2774	0,00017882	0,0375853	8,31671	8,03951	CGTAGGAG	Homo sapiens glycerol kinase (GK), transcript variant 1, mRNA.	
U	ILMN_205611TMEM156	NM_002373.1	1.2107	0.2759	1,21E-05	0,0107996	8,21481	7,90259	GCCAGACAT	Homo sapiens histone cluster 2, H2af (HIST2H2AF), mRNA.	
U	ILMN_177831PYGB	NM_002862.1	1.2072	0.2716	4,60E-05	0,0156774	10,73274	10,46111	GGAACAGC	Homo sapiens phosphatase, brain (PYGB), mRNA.	
U	ILMN_229771KCNMA1	NM_002247.1	1.2049	0.2689	2,54E-05	0,0168667	9,56331	9,29439	GTTCTGCA	Homo sapiens potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (KCNMA1), transcript variant 2, mRNA.	
U	ILMN_173941FI27	NM_001547.1	1.1929	0.2544	0,00012428	0,0305754	7,92207	7,66762	GCTGACCA	Homo sapiens interferon-induced protein with tetratricopeptide repeats 2 (IFI2), mRNA.	
U	ILMN_171351NFC1	NM_000271.1	1.1922	0.2536	0,00015628	0,0358498	10,01759	9,76399	CTTGCAAC	Homo sapiens Niemann-Pick disease, type C1 (NFC1), mRNA.	
U	ILMN_17981EDEM1	NM_014674.1	1.191	0.2521	5,46E-05	0,0173772	7,93749	7,68535	AGTCTGGT	Homo sapiens ER degradation enhancer, mannosidase alpha-like 1 (EDEM1), mRNA.	
U	ILMN_176891HIST2H2AC	NM_003517.1	1.1909	0.2521	8,47E-05	0,0167121	8,21818	7,91505	GCCCAACTC	Homo sapiens histone cluster 2, H2ac (HIST2H2AC), mRNA.	
U	ILMN_177551MAGED1	NM_0010053	1.1892	0.2499	3,08E-05	0,0135423	11,77157	11,52164	CAGCATGTC	Homo sapiens melanoma antigen family D, 1 (MAGED1), transcript variant 3, mRNA.	
U	ILMN_180121IFITM1	NM_003641.1	1.1892	0.2499	0,0001698	0,0368924	7,60106	7,35111	GCGTGTGC	Homo sapiens interferon induced transmembrane protein 1 (9-27) (IFITM1), mRNA.	
U	ILMN_176851BHLH2	NM_003670.1	1.1886	0.2492	2,96E-05	0,0133029	10,64359	10,39436	GTCAGAG	Homo sapiens basic helix-loop-helix domain containing, class B, 2 (BHLH2), mRNA.	
U	ILMN_206041CD24	NM_013230.1	1.1876	0.248	3,71E-05	0,0141765	11,03986	10,79185	TAGACTGC	Homo sapiens CD24 molecule (CD24), mRNA.	
U	ILMN_18131428	AF131794	1.1876	0.2435	4,62E-05	0,0156774	10,35334	10,0986	TTCATATG	Homo sapiens clone 25194 mRNA sequence	
U	ILMN_218181BEK2	NM_002621.1	1.1832	0.2427	0,00016918	0,0368924	7,21495	6,97221	AGGGAGAC	Homo sapiens brain expressed X-linked 2 (BEK2), mRNA.	
U	ILMN_167151PHLDA2	NM_003311.1	1.1825	0.2418	8,21E-05	0,0243836	6,8747	6,44564	TCCGGGCTC	Homo sapiens pleckstrin homology-like domain, family A, member 2 (PHLDA2), mRNA.	
U	ILMN_165141HIST2H2BD	NM_138720.1	1.1821	0.2414	0,00012054	0,0305754	7,32314	7,08179	TGGGATCC	Homo sapiens histone cluster 1, H2bd (HIST2H2BD), transcript variant 2, mRNA.	
U	ILMN_177421CFB	NM_001710.1	1.1815	0.2406	4,34E-05	0,0152886	6,83989	6,59928	GTCCTATGC	Homo sapiens complement factor B (CFB), mRNA.	
U	ILMN_213601MTE	NM_175621.1	1.1801	0.239	0,0002352	0,0459391	7,91209	7,67913	CGTGGGCT	Homo sapiens metallothionein E (MTE), mRNA.	
U	ILMN_179471KRT2D	NM_019010.1	1.1783	0.2367	0,00015341	0,0357417	6,66537	6,42849	CCAGAGAG	Homo sapiens keratin 20 (KRT20), mRNA.	
U	ILMN_168931SCD	NM_005063.1	1.1773	0.2355	0,00013566	0,0323858	11,44546	11,20994	TAGGAATGT	Homo sapiens stearyl-CoA desaturase (delta-9-desaturase) (SCD), mRNA.	
U	ILMN_175311LOC124220	NM_145252.1	1.1743	0.2319	5,34E-05	0,0173772	7,01837	6,78652	TTGGGAGG	Homo sapiens similar to common salivary protein 1 (LOC124220), mRNA.	
U	ILMN_211541RAB32	NM_006834.1	1.1737	0.2311	6,47E-05	0,0201774	9,43966	9,20854	CAGGTGGC	Homo sapiens RAB32, member RAS oncogene family (RAB32), mRNA.	
U	ILMN_212351TMED10P	NR_002807.1	1.173	0.2302	0,00012701	0,0307005	10,39707	10,1669	CCAAATCA	Homo sapiens transmembrane emp24-like trafficking protein 10 (yeast) pseudogene (TMED10P), non-coding RNA.	
U	ILMN_235551PSP	NM_002778.1	1.1724	0.2295	9,74E-05	0,0262137	11,2867	11,05717	TCTGGTGC	Homo sapiens prosaposin (PSP), transcript variant 1, mRNA.	
U	ILMN_178861WBP2	NM_012478.1	1.1718	0.2287	1,0E-05	0,0251399	10,89672	10,66652	GCCCTAACA	Homo sapiens WW domain binding protein 2 (WBP2), mRNA.	
U	ILMN_175591ALDOC	NM_005165.1	1.1673	0.2231	0,00011999	0,0288733	8,33449	8,11136	CAATGATG	Homo sapiens aldolase C, fructose-bisphosphate (ALDOC), mRNA.	
U	ILMN_233721PKIB	NM_032471.1	1.1673	0.2231	0,00020716	0,0412973	9,78699	9,56385	CCGGGGAAT	Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor beta (PKIB), transcript variant 3, mRNA.	
U	ILMN_237571LOC642567	NR_038054.1	1.1669	0.2227	0,00024504	0,0473839	7,50925	7,28656	AGGGGAAT	PREDICTED: Homo sapiens misc_RNA (LOC642567), miscRNA.	
U	ILMN_1845037	BC031266	1.1659	0.2215	0,00017433	0,0373841	7,43932	7,2178			