

SUPPLEMENTAL FIGURE LEGENDS

Figure S1. Analysis of Treg, ex-iTreg and effector T cells isolated from treated mice. (A) Representative flow cytometry analysis (top panel; n=7, 5, 8, 8, from left to right) of colon lamina propria lymphocytes (LPL) from the mice in **Figure 1** showing in vitro-derived iTreg cells (Thy1.1⁺ EGFP⁺) and nTreg cells (Thy1.1⁻ EGFP⁺). Scatter plots (bottom panels) showing the frequency of colon LPL iTreg cells (left) and nTreg cells (right) contained within the TCRβ⁺ CD4⁺ gate. (B) Scatter plot depicting the number of iTreg cells (left) and nTreg cells (right) recovered from the colon LPL of mice from each treatment group. (C) Representative flow cytometry analysis of the colon LPL (left panels; n= 7, 5, 8, 8, from left to right) from mice treated with the indicated combinations of iTreg plus nTreg cells showing intracellular cytokine staining of cells stimulated ex vivo with PMA and ionomycin. Staining for IFN-γ and IL-17A is shown for cells within the TCRβ⁺ CD4⁺ gate. Scatter plots (right panels) showing the percentage of colon LPL TCRβ⁺ CD4⁺ T cells that are IFN-γ⁺, IL-17A⁺ and IFN-γ⁺ IL-17A⁺. (D) Representative flow cytometry from the spleen and MLN of mice with colitis that were treated with Thy1.2⁺ nTreg cells plus Thy1.2⁺ iTreg cells and were co-injected with 15,000 Thy1.1⁺ EGFP⁻ T cells isolated from iTreg cells that had lost Foxp3 expression in culture (n=4, 2 experiments). (E) Scatter plots depicting the frequency of TCRβ⁺ CD4⁺ Thy1.1⁺ EGFP⁻ cells found in the spleen and MLN of mice shown in **D** compared to the frequency of TCRβ⁺ CD4⁺ Thy1.1⁺ EGFP⁻ ex-iTreg cells found in mice successfully treated with WT iTreg cells plus WT nTreg cells from **Figure 1**. (F) Scatter plot depicting the frequency of TCRβ⁺ CD4⁺ Thy1.1⁺ EGFP⁻ ex-iTreg cells found in the colon LPL (left) and small intestine (SI) LPL (right) of treated mice from **Figure 1**. (G) qPCR analysis of IL-10 expression in flow cytometry-sorted ex-iTreg (CD4⁺ Thy1.1⁺ EGFP⁻), iTreg (CD4⁺ Thy1.1⁺ EGFP⁺), and nTreg cells (CD4⁺ Thy1.1⁻ EGFP⁺). The data is taken from a total of 6 mice done in 3 separate experiments. Each point is the mean of triplicate wells. IL-10 expression is shown as fold change over GAPDH expression. (H) Representative flow cytometry analysis (left panels; n=7, 5, 8, 8, from left to right) showing intracellular cytokine staining of colon LPL ex-iTreg cells stimulated ex-vivo with PMA and ionomycin and stained for IFN-γ and IL-17A gate. Scatter plot (right panels) showing the percentage of colon LPL ex-iTreg cells that are IFN-γ⁺, IL-17A⁺ and IFN-γ⁺ IL-17A⁺. For all representative FACS plots, numbers indicate the mean percent of cells in the quadrant. For all scatter plots, each colored dot represents an individual mouse and the horizontal bars represent mean values. *P<0.05; **P<0.005

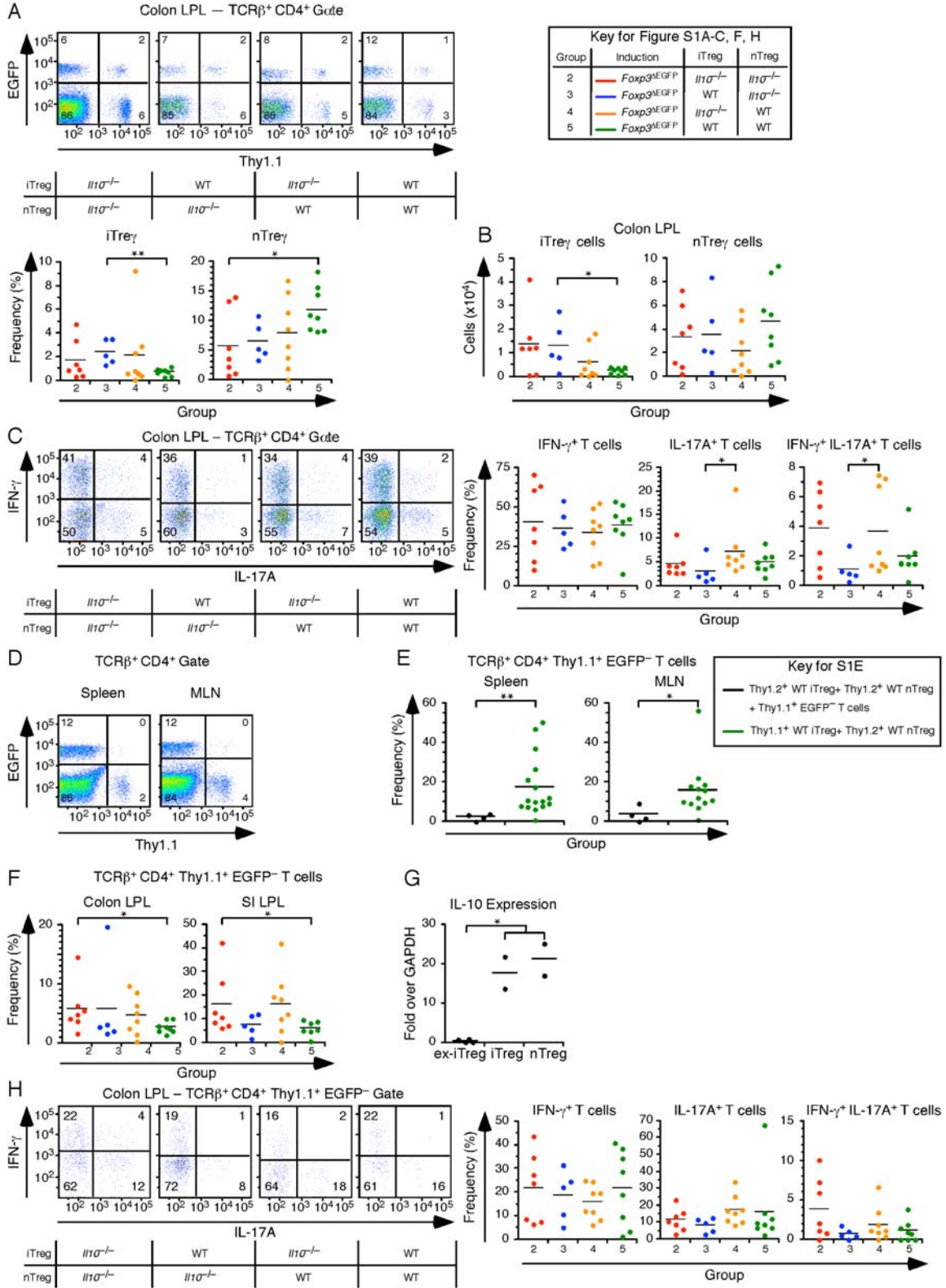
Figure S2. Comprehensive spectratype analysis and CDR3 sequencing evaluation. (A) TCR Vβ spectratypes of iTreg and ex-iTreg cells using 9 different V region 5' PCR primers. (B) A comparison of the unique and overlapping iTreg and ex-iTreg cell TCRβ CDR3 sequences recovered by non-

optical integrated semiconductor sequencing with the 316 chip and the same samples sequenced using either the 314 chip or subcloned and sequenced by standard methods. The number of sequences in each category and the MHI are listed.

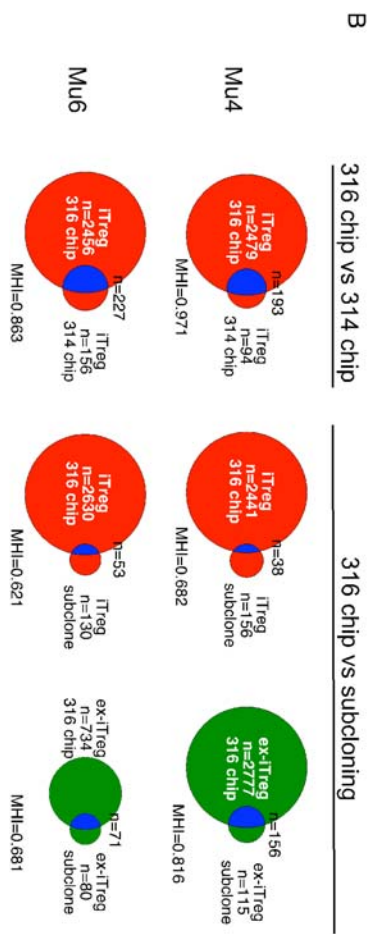
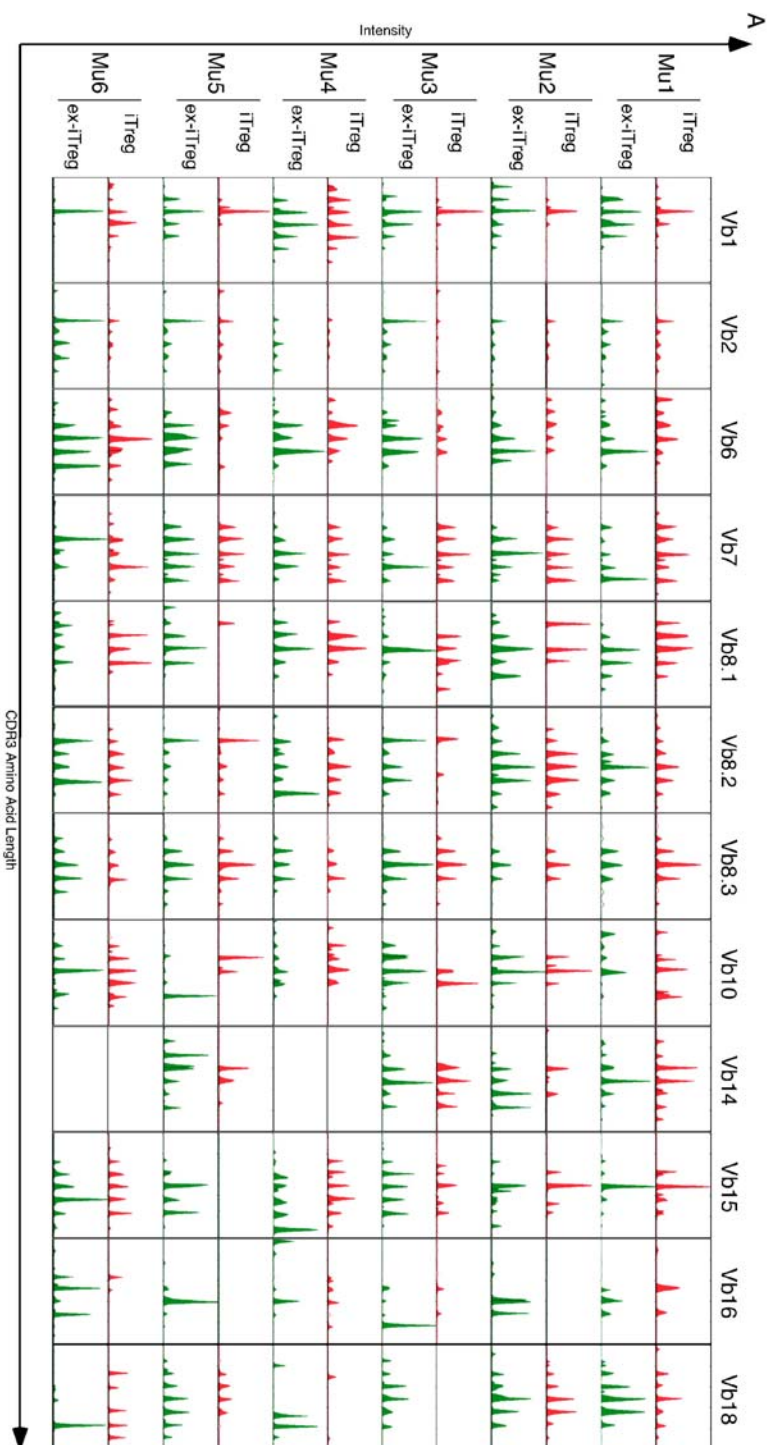
Table S1. Differentially regulated probesets. Probe sets from **Figure 4C** ($n = 3250$) that revealed a twofold difference ($|\log_2 \text{ratio}| > 1.0$) and rank product false discovery rate (FDR) $< 10\%$, in at least one cell type, relative to Tconv cells. Each row contains the probeset ID, gene symbol, Fold Change: ex-iTreg vs Tconv, FDR: ex-iTreg vs Tconv, Fold Change: iTreg vs Tconv, FDR: iTreg vs Tconv, Fold Change: nTreg vs Tconv, and FDR: nTreg vs Tconv. The mean fold change was calculated from 2 independent arrays for each cell type and was scored $P < 0.05$ with an FDR $< 10\%$ by the non-parametric rank product test. The table is sorted based on the column Fold Change: iTreg vs Tconv (smallest to largest).

Table S2. Distribution and frequency of iTreg and ex-Treg cell V β 8.2 CDR3 amino acid sequences. Table shows the number of times each unique amino acid sequence was recovered from the iTreg and ex-iTreg cells isolated from Mouse 4 and Mouse 6 (**Figure 5**). Sequences recovered with a total frequency of 10 or more times using the Ion Torrent 316 Chip, 314 Chip, and subcloning methods are included for each population where applicable. Table is sorted by the total frequency (total number of times each unique sequence was recovered).

SUPPLEMENTAL FIGURE 1



SUPPLEMENTAL FIGURE 2



Supplemental Table 1

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Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1421303_at	Ikzf1	-41.5850098	0	-52.0384709	0	-49.0014205	0
1433575_at	Sox4	-38.5916012	0	-41.0992454	0	-37.7513152	0
1417928_at	Pdlim4	-3.5472762	0.01667355	-35.9431929	0	-63.5313454	0
1448458_at	Top2b	-28.5174221	0	-26.2040276	0	-25.8683596	0
1452518_a_at	Itk	-15.2994371	0	-25.564354	0	-25.5098351	0
1429274_at	Lypd6b	-8.05569093	0.00121951	-24.4570473	0	-21.1212503	0
1427779_a_at	Cd4	-17.8870058	0	-24.3829369	0	-30.5598382	0
1421176_at	Rasgrp1	-22.0285607	0	-22.6621578	0	-25.9287065	0
1450143_at	Rasgrp1	-23.8775846	0	-22.3406615	0	-22.1380309	0
1416107_at	Nsg2	-3.24313707	0.02434494	-19.0818613	0	-5.66941548	0.00571429
1450379_at	Msn	-14.0523872	0	-18.8198514	0	-15.3958363	0
1450208_a_at	Elmo1	-15.4753843	0	-18.1342269	0	-18.3964863	0
1420610_at	Prkacb	-13.0875971	0	-17.8983332	0	-22.9923709	0
1428043_a_at	Cmah	-15.2483193	0	-17.7146166	0	-16.2967608	0
1452448_at	Aqr	-21.468954	0	-17.4946876	0	-22.132354	0
1450461_at	Tcf7	-5.93628353	0.00295597	-16.3793364	0	-23.0941413	0
1442022_at	Themis	-5.05692366	0.00444934	-15.7141791	0	-28.1469169	0
1432004_a_at	Dnm2	-12.1153989	0	-15.6224087	0	-17.2650786	0
1448348_at	Caprin1	-14.2115795	0	-15.3521095	0	-14.4151106	0.000625
1421991_a_at	Igfbp4	-11.3676463	0	-15.3060665	0	-26.5233604	0
1430984_at	Azin1	-10.9583727	0	-14.8841679	0	-11.6283675	0.00065789
1439814_at	Atp8b4	-1.64330279	0.32062341	-14.5986528	0	-27.5902827	0
1444298_at	Ipcef1	-19.2845913	0	-14.2784915	0	-16.5532394	0
1421622_a_at	Rapgef4	-9.93510352	0	-14.1090603	0	-15.3961743	0
1441650_at	Arhgap15	-16.3239882	0	-13.8465693	0	-17.0740294	0
1415997_at	Txnip	-15.7688076	0	-13.2016987	0	-15.7206794	0
1451927_a_at	Mapk14	-12.6534013	0	-12.6485345	0	-13.9062192	0.00042553
1434282_at	Ibtk	-11.9308093	0	-12.5100444	0	-11.5768833	0.00066667
1448997_at	Cyth1	-12.544198	0	-12.2428992	0	-13.0256037	0.0004918
1439127_at	Al314180	-11.8414047	0	-12.2286084	0	-15.278101	0
1433515_s_at	Etnk1	-17.5787023	0	-12.1840061	0	-17.1076141	0
1420948_s_at	Atrx	-10.9047642	0	-12.1016064	0	-7.5984843	0.00215385
1431686_a_at	Gmfb	-10.0092132	0	-11.9896004	0	-9.1532981	0.00156863
1420927_at	St6gal1	-11.0420541	0	-11.8479592	0	-12.0160154	0.00057971
1454745_at	Arhgap29	-9.58269643	0.00017544	-11.6488987	0	-16.9541514	0
1421992_a_at	Igfbp4	-9.01111106	0.0003125	-11.4360347	0	-53.6519983	0
1422992_s_at	Pik3cd	-5.06520269	0.00439815	-11.4297346	0	-11.9417304	0.00058824
1416225_at	Adh1	-8.83234586	0.00030303	-11.3071753	0	-13.0630662	0.00050847
1417069_a_at	Gmfb	-7.18691023	0.00130841	-11.2015515	0	-8.76316283	0.00155963
1417664_a_at	Ndr3	-11.7505523	0	-10.859996	0	-14.0128807	0.0006
1415784_at	Vps35	-11.3806943	0	-10.8373992	0	-12.401362	0.00061538
1431096_at	Ints8	-10.2458066	0	-10.7375033	0	-14.2128765	0.00061224
1439719_at	Themis	-2.21021493	0.10718225	-10.6828647	0	-25.2159848	0
1442367_at	Atp11c	-8.65089861	0.00057143	-10.6691993	0	-10.7968982	0.00060976
1433795_at	Tgfb3	-1.76965321	0.24577786	-10.5239301	0	-28.8194654	0
1416704_at	Mapk14	-10.1132748	0	-10.4692293	0	-10.9552335	0.00061728
1421299_a_at	Lef1	-10.9741199	0	-10.0102655	0	-15.2388099	0
1451047_at	Itm2a	-10.0166163	0	-9.92205073	0	-4.67343502	0.01014006

Supplemental Table 1

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1422082_a_at	Nfya	-10.1666678	0	-9.90121107	0	-10.0552357	0.00101124
1420901_a_at	Hk1	-7.38818504	0.0014	-9.81722309	0	-9.31163817	0.00151515
1451658_a_at	Polr3c	-7.07026848	0.0012931	-9.74775506	0	-9.291458	0.0014433
1420918_at	Sgk3	-13.9290504	0	-9.73155263	0	-12.6058806	0.000625
1422249_s_at	Zfa /// Zfx	-9.3391527	0.00016393	-9.67466473	0	-8.98464603	0.00152381
1456870_at	Rasal3	-8.04319297	0.00117647	-9.49158046	0	-13.0218573	0.00053571
1444088_at	---	-6.44066654	0.00257353	-9.45160934	0	-10.5193233	0.00059524
1416521_at	Sepw1	-10.3440554	0	-9.42481957	0	-11.7053	0.00055556
1434357_a_at	Kpnb1	-10.8031989	0	-9.39827946	0	-11.5750512	0.00067568
1444889_at	Rassf2	-7.12834255	0.0012963	-9.25794291	0	-8.44525899	0.00165217
1449943_at	Lfng	-10.4798416	0	-9.25751512	0	-10.5052603	0.00058824
1420975_at	Baz1b	-8.91337415	0.00044118	-8.99215352	0	-7.86091182	0.00195313
1418612_at	Sfn1	-7.68768914	0.00134831	-8.94455681	0	-17.2821404	0
1424484_at	Mobkl1b	-7.56316451	0.00138298	-8.93851395	0	-6.75787657	0.00345912
1460295_s_at	Il6st	-8.30302284	0.00081081	-8.91940001	0	-9.37878909	0.00145833
1440967_at	LOC1005042	-14.3982011	0	-8.88096635	0	-17.8716591	0
1450480_a_at	Grk6	-10.9874142	0	-8.87520227	0	-11.7186137	0.00057143
1454655_at	Dgkd	-10.9456698	0	-8.83658134	0	-11.3782228	0.00064935
1425620_at	Tgfbr3	-8.36496788	0.00068493	-8.79107748	0	-8.6262887	0.00168142
1456878_at	Al646023	-3.78904691	0.01321168	-8.76953289	0	-12.1234634	0.00060606
1460279_a_at	Gtf2i	-2.95613058	0.03354054	-8.65362738	0	-13.291251	0.00055556
1450007_at	1500003O03	-8.53277496	0.00069444	-8.64457478	0	-6.73746092	0.00341615
1456827_at	AA987161	-7.35450546	0.00132653	-8.57937964	0.000138889	-6.66402278	0.00333333
1421269_at	Ugcg	-7.47275384	0.00136842	-8.53378048	0.000133333	-13.1067674	0.00063492
1423608_at	Itm2a	-8.66949725	0.00070423	-8.47485294	0	-3.46608812	0.02792683
1424307_at	Arhgap1	-8.360688	0.00078947	-8.46151894	0.000136986	-7.65743739	0.0020155
1426849_at	Sec24b	-8.71431139	0.00043478	-8.44455656	0.000135135	-9.20738624	0.00158416
1422772_at	C1galt1	-7.09881557	0.00130435	-8.44120133	0.00025974	-15.1672574	0.00022222
1445271_at	9230105E10F	-6.76991006	0.00171875	-8.40930555	0.000253165	-9.03404229	0.00150943
1416876_at	Parvg	-11.3652171	0	-8.37145466	0.000617284	-12.9630503	0.00052632
1448346_at	Cfl1	-9.54906845	0.00016949	-8.35062975	0.00025	-10.5857751	0.00069767
1434903_s_at	Il1rl2	-1.19122973	1.079961	-8.34693575	0.00025641	-6.74237405	0.00339506
1443522_s_at	Phip	-6.84748088	0.00162602	-8.33627767	0.000574713	-8.28486583	0.00191667
1427417_at	Scml4	-7.95608304	0.00125	-8.33263816	0.000263158	-12.0696617	0.00059701
1448538_a_at	D4Wsu53e	-6.63892659	0.00175573	-8.32750895	0.000609756	-8.89007136	0.00153153
1452415_at	Actn1	-8.76854012	0.00029851	-8.29865003	0.00060241	-10.1320673	0.001
1451158_at	Trip12	-11.9663257	0	-8.2389377	0.000595238	-9.0139118	0.0015534
1420567_at	Prkd3	-5.47735732	0.0038587	-8.16738932	0.000561798	-7.51529638	0.00257353
1431030_a_at	Rnf14	-7.7814733	0.00136364	-8.12058315	0.000555556	-8.57004829	0.00154545
1430981_s_at	Gppb1	-7.38160736	0.00141414	-8.10835919	0.000568182	-6.20843653	0.00373134
1427424_at	Galnt6	-7.95492503	0.00123457	-8.08589984	0.000581395	-9.67397181	0.00126316
1427385_s_at	Actn1	-8.45239389	0.00077922	-8.07014726	0.000588235	-12.7902273	0.00051724
1450846_at	Bzw1	-4.73681283	0.00582996	-8.06613005	0.000543478	-5.48673032	0.00638889
1452772_at	Tnks2	-7.05554894	0.00128205	-8.03539159	0.000537634	-6.40615335	0.00349206
1422135_at	Zfp146	-4.68068064	0.00593625	-8.00412298	0.000549451	-7.25425939	0.00288732
1456255_at	Al314180	-7.73115163	0.00137931	-7.94426272	0.000631579	-7.09008701	0.00306667
1426538_a_at	Trp53	-10.321447	0	-7.85623635	0.000531915	-10.7980458	0.000625
1437591_a_at	Wdr1	-8.96311371	0.00015873	-7.81461609	0.000606061	-7.97793296	0.00190476

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1419696_at	Cd4	-6.98832482	0.00163934	-7.79604094	0.000625	-8.56784076	0.00151786
1453760_at	Mier1	-7.16558753	0.00133929	-7.78609528	0.000612245	-4.78656267	0.00905325
1453568_at	Dapl1	-4.43657083	0.00733333	-7.69328631	0.000618557	-78.3461242	0
1425444_a_at	Tgfb2	-3.6165648	0.0162069	-7.54355723	0.000686275	-5.76248065	0.00540426
1428357_at	2610019F03F	-1.79002326	0.23143171	-7.51664221	0.0007	-31.2779344	0
1427797_s_at	---	-6.2037763	0.00289655	-7.47123461	0.000679612	-6.64319225	0.00331325
1436423_at	Themis	-2.0919862	0.12823659	-7.39460628	0.000943396	-17.080382	0
1439146_s_at	Lck	-4.51435018	0.00681319	-7.36565249	0.000673077	-6.05183785	0.00410377
1439087_a_at	Pik3ip1	-6.48539	0.00218045	-7.36524407	0.000666667	-13.8675722	0.00058824
1455425_at	Tet1	-9.77815088	0	-7.36281099	0.000693069	-6.55202866	0.00345745
1430634_a_at	Pfcp	-4.54647473	0.00658088	-7.31791842	0.000909091	-7.49593443	0.00251852
1454106_a_at	Cxxc1	-5.12666869	0.00438095	-7.29501865	0.000925926	-7.96106624	0.00192
1422981_at	Dgcr8	-6.35052119	0.00251852	-7.2666227	0.000917431	-5.59844048	0.00590909
1418216_at	Ggt5	-2.05523733	0.13655245	-7.25567583	0.000934579	-7.7146997	0.00225564
1448207_at	Lasp1	-6.75462183	0.00173228	-7.19974096	0.001034483	-6.64072152	0.00331361
1434473_at	Slc16a5	-6.81158245	0.0016129	-7.1435688	0.000900901	-13.3020805	0.00054545
1431768_a_at	Prmt3	-4.89631033	0.00476596	-7.13723364	0.001061947	-7.61930813	0.00255474
1416132_at	Efr3a	-7.1645363	0.0012844	-7.13099471	0.001048387	-6.28236748	0.00352041
1421070_at	Fam48a	-9.0491984	0.00016129	-7.12122285	0.001052632	-6.83099151	0.0033758
1421895_at	Eif2s3x /// G	-6.98431358	0.00151261	-7.10918084	0.001101695	-6.44899045	0.00351351
1426226_at	Dyrk1a	-2.60149031	0.05741998	-7.1006364	0.001111111	-2.62638485	0.07185306
1436836_x_at	Cnn3	-15.4272249	0	-7.08271095	0.001056911	-17.1820666	0
1449578_at	Supt16h	-9.38889257	0.00016667	-7.07791777	0.00107438	-7.34957079	0.0026087
1422991_at	Pik3cd	-4.68472166	0.00627451	-7.07557961	0.001031746	-8.14733558	0.00195122
1431005_at	D10Wsu102e	-7.30126613	0.00137255	-7.0685861	0.001083333	-6.91496365	0.00297297
1427533_at	Als2cl	-8.03345171	0.00113924	-7.05934828	0.000892857	-11.7809992	0.00056338
1421789_s_at	Arf3	-7.69978591	0.00133333	-7.05782341	0.001065574	-8.38547979	0.00166667
1450006_at	Gm6768 /// f	-6.88755372	0.00174603	-7.01467696	0.001023622	-6.15627068	0.00381643
1427739_a_at	Trp53	-10.8124383	0	-7.01150914	0.001043478	-11.3022257	0.00064103
1453988_a_at	Ide	-7.64363206	0.00142857	-6.98332121	0.001085271	-5.60761901	0.00592593
1427359_at	Jhdm1d	-5.71807681	0.00358382	-6.96500795	0.00109375	-5.29890771	0.00742647
1417613_at	Ier5	-5.01124243	0.00441964	-6.9386901	0.001092437	-5.52775369	0.00630522
1448309_at	Ap3m1	-6.09868556	0.00282051	-6.9306388	0.001076923	-6.53994423	0.00337079
1455555_at	Vipr1	-1.7936582	0.23305788	-6.87972072	0.00104	-12.6881515	0.00064516
1431061_s_at	Peli1	-8.00567658	0.00102564	-6.79763705	0.001136364	-6.17491096	0.00383495
1425008_a_at	Ifi203	-7.58653791	0.00141304	-6.7761775	0.001145038	-6.90916644	0.0030719
1430996_at	Etnk1	-7.45429372	0.00139785	-6.74223385	0.00141791	-5.78083008	0.00495652
1453740_a_at	Ccnl2	-4.53785339	0.00660517	-6.7079875	0.00112782	-5.40603181	0.00662879
1425576_at	Ahcy1l	-5.69722085	0.00352941	-6.68857248	0.001407407	-5.89766278	0.00461187
1416732_at	Top2b	-5.1852672	0.00418719	-6.68083456	0.001397059	-5.56070704	0.0062753
1422512_a_at	Ogfr	-6.27303379	0.00284722	-6.65213909	0.001386861	-8.11175081	0.00177966
1421866_at	Nr3c1	-11.6453062	0	-6.60524313	0.001366906	-7.21418623	0.00293706
1437354_at	C230091D08	-4.75242876	0.00570248	-6.57645447	0.001428571	-4.9895856	0.00823718
1427490_at	Abcb7	-5.96883759	0.00307229	-6.56752597	0.001376812	-6.8080187	0.00329341
1429533_at	Immt	-7.16991823	0.00126126	-6.47410905	0.001608392	-7.28824606	0.00285714
1420965_a_at	Enc1	-3.25594576	0.02298126	-6.43072621	0.001489362	-11.6712459	0.00054795
1417462_at	Cap1	-8.96488452	0.00030769	-6.43054048	0.001666667	-8.24080344	0.00172414
1455970_at	Pde5a	-2.34409602	0.0862963	-6.41950326	0.001478873	-21.3776545	0

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1425461_at	Fbxw11	-5.85590304	0.00314815	-6.38546493	0.001655172	-7.07834297	0.0029932
1422954_at	Zfp60	-5.84246964	0.00309091	-6.38235269	0.00170068	-6.23724242	0.0036
1415893_at	Sgpl1	-5.92936113	0.0031875	-6.31532363	0.001788079	-6.22723475	0.00360406
1452427_s_at	Ptplad1	-4.03701795	0.01107042	-6.30534364	0.0018	-2.72728411	0.06442308
1421239_at	Il6st	-7.28477796	0.00127273	-6.28213523	0.001712329	-6.94023734	0.00309677
1438362_x_at	2310035C23	-6.18126307	0.00283784	-6.26090698	0.001910828	-5.87421743	0.0046875
1418489_a_at	Calcll	-5.19624096	0.00433962	-6.25529678	0.001948052	-5.42567764	0.00652344
1421217_a_at	Lgals9	-8.3291157	0.0008	-6.25048584	0.001689189	-8.06418275	0.00176471
1450295_s_at	Pvr	-5.84064757	0.00310976	-6.22100788	0.001935484	-5.91551319	0.00463636
1421214_at	Cmah	-4.43316891	0.00774306	-6.2087306	0.001812081	-6.03738303	0.00413146
1436759_x_at	Cnn3	-13.7023205	0	-6.18705703	0.002012579	-14.4911816	0.00021739
1450061_at	Enc1	-2.98811016	0.03178121	-6.17146642	0.001907895	-9.2071735	0.0016
1453949_s_at	Lypla1	-4.28306924	0.00865385	-6.17130244	0.002173913	-4.44107828	0.01187013
1449262_s_at	Lin7c	-5.47522531	0.00384211	-6.15250248	0.002125	-4.97288591	0.00836991
1424570_at	Ddx46	-3.3907827	0.0197026	-6.11744122	0.001898734	-5.1016479	0.00763699
1421384_at	Lyst	-5.15197288	0.00416667	-6.09360084	0.001923077	-5.9816355	0.00461883
1434644_at	Tbl1x	-7.19392939	0.00133333	-6.02819046	0.002407407	-6.67746264	0.00333333
1421879_at	Mtmr1	-5.58587517	0.00354651	-6.02039578	0.002453988	-4.75982434	0.00942197
1424772_at	H2afj	-4.13885967	0.0104023	-6.01401445	0.002790698	-5.15037805	0.00768966
1458341_x_at	Pde5a	-2.02049204	0.15511973	-6.01290292	0.00251497	-15.0706179	0.00022727
1430332_a_at	Gusb	-6.03402218	0.0028	-6.00017675	0.00253012	-1.8148559	0.27917093
1427608_a_at	Tcrg-V1	-3.39213832	0.02126335	-5.99807682	0.001960784	-8.05650993	0.00198347
1420823_at	Sema4d	-5.41143668	0.00383784	-5.98558256	0.00260355	-5.70333852	0.0054661
1421813_a_at	Psap	-7.17542856	0.00132743	-5.98339787	0.002588235	-10.0303497	0.00097826
1440984_at	Baz2b	-6.60076544	0.00189394	-5.97661385	0.002484848	-3.46584788	0.02793578
1448188_at	Ucp2	-6.34539511	0.00271429	-5.9580697	0.002439024	-6.67237327	0.00333333
1455570_x_at	Cnn3	-9.67007224	0.00017857	-5.94129188	0.002774566	-13.4662539	0.00056604
1428879_at	Pitpnc1	-5.72373416	0.0035503	-5.93847159	0.0025	-6.09572013	0.00385714
1423325_at	Pnn	-2.90709523	0.03614412	-5.89525138	0.002857143	-4.83120588	0.00885886
1416240_at	Psmb7	-6.66687957	0.00176923	-5.89516285	0.002807018	-6.03685298	0.00415888
1431045_at	Fam49a	-4.57688698	0.00697509	-5.88891425	0.002897727	-5.2841509	0.00755396
1417229_at	Capn1	-6.43452358	0.0026087	-5.87414278	0.002816092	-6.6631683	0.00327485
1427646_a_at	Arhgef2	-6.13501413	0.00278146	-5.87385099	0.002865169	-5.83671517	0.005
1460486_at	Rabgap1	-6.85214177	0.00127119	-5.86617455	0.002833333	-6.12689021	0.00384615
1416162_at	Rad21	-4.95220716	0.00441048	-5.85945575	0.002896175	-4.10972445	0.01565789
1427471_at	Fbxl3	-4.78178744	0.0052521	-5.84634513	0.002912088	-2.43174171	0.09468172
1428695_at	Sdr39u1	-5.25396528	0.00383085	-5.8438602	0.002881356	-6.13731089	0.00380488
1427255_s_at	Zfp445	-3.65480221	0.01493304	-5.82792913	0.002872928	-3.91553199	0.01780632
1453736_s_at	B230219D22	-6.13185394	0.00272727	-5.813042	0.002994652	-5.13848595	0.00768166
1434763_at	Orai2	-3.48526897	0.01722449	-5.8128674	0.002849162	-5.5638364	0.00608163
1420953_at	Add1	-7.29600474	0.00138614	-5.79798526	0.002978723	-7.01616009	0.00296552
1421954_at	Crkl	-6.79055739	0.00168	-5.7978781	0.002972973	-6.59905755	0.00337209
1431274_a_at	Hspa9	-5.64813015	0.00377143	-5.79437611	0.003015873	-6.54518211	0.00335227
1427831_s_at	Zfp260	-6.00414992	0.00297468	-5.79271626	0.002984293	-4.17952792	0.01443155
1438686_at	Eif4g1	-5.6532154	0.00394444	-5.76554372	0.00296875	-5.80743727	0.00486842
1426333_a_at	Ikbkb	-4.82084708	0.00510549	-5.76290671	0.003	-5.2583919	0.00750903
1425805_a_at	Usp12	-4.78036242	0.00560166	-5.75802878	0.002956989	-5.28768047	0.00714815
1425518_at	Rapgef4	-3.35521837	0.02125887	-5.69597047	0.002880435	-18.5486421	0

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1453837_at	Fam65b	-4.25352323	0.00876543	-5.68081662	0.003282051	-6.0199785	0.00419355
1432272_a_at	Ercc4	-5.44519356	0.00387978	-5.66233982	0.003212435	-5.31853288	0.00697761
1420735_at	Gabrr2	-7.95492503	0.00127907	-5.63749142	0.003350254	-5.40259799	0.00662791
1439036_a_at	Atp1b1	-24.552874	0	-5.63257649	0.003195876	-16.031861	0
1448110_at	Sema4a	-1.8217458	0.21588889	-5.6099646	0.0035	-13.4613544	0.00057692
1420971_at	Ubr1	-5.09707059	0.00429907	-5.59946244	0.003467337	-5.27082332	0.00740876
1433694_at	Pde3b	1.00857381	1.18371589	-5.59701779	0.003316327	-29.3664778	0
1438714_at	---	-2.4564417	0.07062395	-5.59103354	0.003383838	-3.03351406	0.04376579
1426184_a_at	Pdcd6ip	-4.32635385	0.00841935	-5.57915513	0.00368932	-5.93133422	0.00463964
1431645_a_at	Gdi2	-2.43212099	0.07452245	-5.57238524	0.00364532	-3.56745443	0.02511475
1453307_a_at	Anapc5	-3.31811756	0.02127886	-5.55922972	0.003658537	-5.42254455	0.00660232
1423756_s_at	Igfbp4	-4.29175187	0.00873418	-5.54876486	0.003663366	-83.4882733	0
1417289_at	Plekha2	-5.31338039	0.00388889	-5.53583138	0.003864734	-4.48962516	0.01119048
1423297_at	Add3	-4.43998048	0.00796552	-5.53145237	0.003846154	-5.20094338	0.00778169
1449011_at	Slc12a7	-3.71747146	0.01401869	-5.5204913	0.003627451	-6.38471254	0.0034555
1423004_at	Vipr1	-4.48894058	0.00688406	-5.49660192	0.003875598	-4.84386951	0.00878788
1420816_at	Ywhag	-5.06798294	0.00447964	-5.4925712	0.003857143	-4.5253415	0.01116095
1450104_at	Adam10	-5.0758168	0.00445946	-5.48889218	0.003971963	-4.54268415	0.0108311
1419280_at	Pip4k2a	-2.95352604	0.03379357	-5.48225081	0.003838863	-6.69121561	0.00337423
1418078_at	Psme3	-6.86956303	0.00165289	-5.47926862	0.003631841	-6.82457088	0.00329412
1424486_a_at	Txnrd1	-3.81672877	0.0129902	-5.47520001	0.003915094	-4.12056356	0.01559735
1420652_at	Ate1	-4.37864656	0.0083	-5.4582936	0.003935185	-4.70576736	0.00997183
1427478_at	Usp12	-6.11962535	0.00270968	-5.43879984	0.003953488	-6.92082168	0.00295302
1442927_at	Ptk2b	-5.45601143	0.00380952	-5.42155487	0.003917051	-6.2037118	0.00384236
1455747_at	Ggt5	-2.21455219	0.10156152	-5.42126677	0.003943662	-4.95477656	0.00841772
1418453_a_at	Atp1b1	-14.8032461	0	-5.41408173	0.003990826	-10.0586283	0.00098901
1417326_a_at	Anapc11	-5.34387033	0.00376289	-5.40003965	0.004072398	-7.2476586	0.0028777
1429684_at	Ttpal	-7.44827669	0.00135417	-5.39561222	0.004054054	-4.87177217	0.0087538
1425785_a_at	Txk	-4.92929617	0.00472103	-5.38668113	0.004035874	-7.05647005	0.00298611
1452638_s_at	Dnm1l	-6.44744845	0.00273381	-5.386426	0.003972603	-6.60877708	0.00337143
1421534_at	Dfna5	-2.38927845	0.07772799	-5.38001427	0.004115044	-2.6328494	0.07078708
1431606_a_at	Angel2	-2.9947073	0.03218968	-5.35950589	0.0040625	-3.54662058	0.02553226
1438361_at	2310035C23f	-4.9949261	0.00447489	-5.35031315	0.004133333	-4.47864816	0.01179688
1417440_at	Arid1a	-7.25824958	0.00132075	-5.34845301	0.003954545	-6.66761899	0.00338983
1458080_at	Setx	-5.44292315	0.00417476	-5.34463589	0.004229075	-5.81563476	0.00544304
1456380_x_at	Cnn3	-10.2793348	0	-5.33659675	0.004298246	-9.31790099	0.00142857
1454184_a_at	Ikbkb	-4.72144457	0.00596	-5.28987391	0.004391304	-7.6283357	0.00221374
1432027_a_at	Tbc1d14	-5.41006152	0.00382199	-5.27761094	0.004588745	-5.48881609	0.00649606
1456735_x_at	Acpl2	-2.46954741	0.06878943	-5.26119917	0.004366812	-8.19887899	0.0017094
1429765_at	Fam101b	-3.06311599	0.03030435	-5.25408667	0.004615385	-5.91871915	0.00463303
1425845_a_at	Shoc2	-4.31217781	0.00877301	-5.24785067	0.004592275	-4.49606118	0.01146597
1455966_s_at	Nudt21	-1.25208427	0.92814993	-5.2278642	0.004612069	-1.57762757	0.52150439
1424117_at	BC056474	-5.62663222	0.0037931	-5.22531013	0.004618644	-5.19551466	0.00780919
1422327_s_at	G6pd2 /// G6	-6.40650859	0.0028169	-5.21491354	0.004705882	-6.50303565	0.00353261
1425996_a_at	Hltf	-3.43118441	0.01857143	-5.20255989	0.004834711	-3.60268288	0.02405405
1421333_a_at	Mynn	-4.56885186	0.00649254	-5.19695536	0.004638298	-4.0403259	0.01629474
1426127_x_at	Klra18	-5.30563342	0.00385	-5.1949865	0.004708333	-5.85674873	0.0049115
1424332_at	Rab40c	-4.94562094	0.00465517	-5.18042933	0.004897119	-5.77486278	0.00527897

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1416670_at	Setdb1	-7.80477297	0.00119048	-5.17861629	0.004725738	-5.32872975	0.00685393
1423446_at	Dapk3	-3.74496785	0.01405152	-5.17241608	0.004686192	-4.28248542	0.01372881
1421953_at	Crkl	-5.39174899	0.00386935	-5.17087465	0.005243902	-5.356213	0.00698885
1429385_at	Dcaf7	-4.55836042	0.00650376	-5.1700205	0.005122951	-5.01347177	0.00821192
1430289_a_at	Wdr77	-3.84420427	0.01244389	-5.16330564	0.005102041	-5.78495204	0.00534188
1450015_x_at	Sgpp1	-5.30571923	0.00405941	-5.15078861	0.005282258	-5.40199885	0.00667925
1431102_at	Cep350	-6.67549584	0.00170543	-5.14002366	0.005222672	-6.71789851	0.0034375
1434722_at	Ampd1	-11.1254491	0	-5.13947739	0.004813278	-10.2066086	0.0008046
1436491_at	Gm11346	-2.92615934	0.03505222	-5.12889606	0.005301205	-9.73316042	0.00095745
1420954_a_at	Add1	-7.88897756	0.00120482	-5.09950896	0.0054	-6.3568777	0.00352332
1422959_s_at	Rnf114	-4.40299946	0.00800687	-5.08640615	0.005396825	-4.92468575	0.008375
1440189_at	Ppp2r5a	-4.24790548	0.00890578	-5.05302272	0.005533597	-4.34457985	0.01320197
1450259_a_at	Stat5a	-2.77311991	0.04431507	-5.04792334	0.005669291	-2.9388363	0.04755556
1429046_at	Smurf2	-2.55006968	0.06115741	-5.04721193	0.005637066	-4.08974719	0.01583514
1448541_at	Klcl1	-4.9216657	0.00450216	-5.04107587	0.005664063	-5.01108034	0.00813115
1422102_a_at	Stat5b	-4.80786038	0.00543933	-5.03731517	0.005884615	-4.43704751	0.01201031
1427037_at	Eif4g1	-6.10867012	0.00276316	-5.03336539	0.005647059	-6.71132831	0.00348101
1421337_at	Elf4	-4.93519925	0.00442982	-5.0239891	0.005658915	-5.78799363	0.00497835
1426888_at	Ehmt2	-4.78142286	0.00554167	-5.00768911	0.005378486	-4.73618357	0.00948718
1420619_a_at	Aes	-5.99440544	0.00286624	-5.0012602	0.005931559	-6.87500931	0.00311688
1431052_at	Arhgap12	-4.41310783	0.0085209	-4.99778902	0.005680934	-4.15339188	0.01563877
1430991_at	1810014B01	-4.15208218	0.0091716	-4.98531616	0.005916031	-3.01270623	0.04385321
1427430_at	Al848100	-3.85498879	0.01302211	-4.97703546	0.006578947	-4.76597593	0.00932945
1459740_s_at	Ucp2	-5.42225639	0.0039011	-4.97162794	0.006136364	-5.43574709	0.00655172
1427094_at	Pole2	-2.95482291	0.03346414	-4.95826942	0.005900383	-5.09596958	0.00761905
1434418_at	Lass6	-7.28124422	0.00134615	-4.92853886	0.006490566	-9.80562779	0.00096774
1448603_at	Srpk2	-3.69423762	0.01430876	-4.88860102	0.006816479	-4.07602151	0.01586724
1452030_a_at	Hnrnp	-3.13771648	0.02729102	-4.87642883	0.007089552	-5.12753346	0.00761092
1452419_at	Heatr1	-5.64802575	0.00392265	-4.85806457	0.007063197	-5.6113063	0.00606557
1456393_at	Ncrna00081	-4.76166679	0.00572016	-4.80193763	0.007232472	-5.21897563	0.00753623
1452430_s_at	Srsf1	-3.66145822	0.01493274	-4.79055675	0.007692308	-4.19384439	0.01481567
1450076_at	4933411K20F	-4.6593165	0.00628906	-4.77676311	0.007781818	-4.79083901	0.00923304
1451743_at	D19Wsu162e	-3.6288984	0.01551876	-4.77050391	0.007773723	-5.01417263	0.00812298
1422769_at	Syncrip	-3.51042328	0.01777778	-4.76729202	0.007789855	-4.54342417	0.01082447
1420025_s_at	Aak1	-3.93683614	0.01186842	-4.75385094	0.007797834	-4.19991947	0.0148046
1429338_a_at	Nol9	-4.36965688	0.00843137	-4.75186879	0.007805755	-3.88954123	0.01846154
1420620_a_at	Rnf13	-3.86270544	0.01246269	-4.73612339	0.008021201	-4.33184513	0.01290323
1451763_at	Cnga1	-2.54285935	0.06100465	-4.73462993	0.007573529	-5.39149984	0.00665399
1455170_at	2810001G20	-2.78725178	0.04383199	-4.7254389	0.007964912	-4.52555062	0.01079576
1451010_at	Nol11	-3.54508856	0.01663202	-4.72183185	0.007900356	-3.76736722	0.02107273
1429246_a_at	Anxa6	-6.93975629	0.0015	-4.70607724	0.007907801	-6.13033112	0.0038756
1423048_a_at	Tollip	-4.62989133	0.00643939	-4.70113247	0.007992958	-4.970577	0.00834921
1416769_s_at	Atp6v0b	-5.49684323	0.00384181	-4.69413175	0.008006993	-7.90819439	0.0019685
1416957_at	Pou2af1	-1.18648182	1.09536477	-4.69288465	0.007785714	-6.50983059	0.00347368
1456685_at	Nsg2	-2.25802011	0.09911409	-4.68861992	0.007222222	-2.79795611	0.06096627
1449504_at	Kpna1	-3.62183712	0.01667364	-4.68499227	0.008013937	-3.05495614	0.04445689
1417350_at	Pldn	-3.51379494	0.01763636	-4.67041257	0.008020833	-4.91513145	0.00849231
1421448_at	Ralgapa1	-4.16884673	0.00907738	-4.66414724	0.008103448	-4.012269	0.01670807

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1417213_a_at	Rbm6	-3.12713174	0.02674961	-4.65641615	0.008163265	-4.09873865	0.01569231
1436372_a_at	Pdxdc1	-4.88233628	0.00474576	-4.6507928	0.008027682	-5.15614082	0.00776224
1418231_at	Lims1	-3.79649559	0.0133494	-4.63019622	0.008156997	-4.2687342	0.01375598
1449381_a_at	Pacsin1	-6.28113379	0.00269504	-4.62638394	0.008184932	-5.20868792	0.00767857
1423757_x_at	Igfbp4	-4.04604771	0.01110169	-4.6263786	0.008338983	-18.7055351	0
1444318_at	Chchd7	-3.23591415	0.02507341	-4.61729636	0.00781362	-3.82148491	0.0202952
1451956_a_at	Sigmar1	-3.46681295	0.01902672	-4.61437419	0.008350168	-4.43849324	0.01194301
1417153_at	Nacc2	-4.74752852	0.00592742	-4.60437924	0.008378378	-10.6990935	0.00060241
1419191_at	Hipk3	-4.60244878	0.00657993	-4.59457579	0.008415842	-4.25667418	0.01438228
1425711_a_at	Akt1	-5.06986266	0.00437209	-4.59217196	0.008311258	-6.22287672	0.00363636
1450743_s_at	Syncrin	-3.45762562	0.0190631	-4.5884175	0.008453947	-4.25437341	0.01372315
1427174_at	Gm14325 ///	-3.979848	0.0113388	-4.58608576	0.008327759	-4.54400157	0.01075472
1428838_a_at	Dck	-4.31421079	0.00841424	-4.57837828	0.008436482	-3.44617668	0.0283609
1439214_a_at	Api5	-4.5127494	0.00684588	-4.5767125	0.008409091	-3.81141491	0.01934334
1425208_at	Lbh	-3.93450825	0.01179625	-4.57322954	0.00833887	-4.15285452	0.01504484
1427967_at	Srgap2	-5.56421564	0.00350877	-4.56360313	0.008333333	-4.59630117	0.01033149
1454762_at	Xkrx	-4.87288103	0.00478632	-4.55976667	0.008322148	-4.94743242	0.0083758
1417033_at	Ube2g2	-3.94548686	0.01192	-4.55848154	0.008434505	-4.79401138	0.00896142
1452789_at	Snn	-1.75486697	0.26110333	-4.55718098	0.008429487	-5.27421604	0.00749091
1417832_at	Smc1a	-3.90313943	0.01213368	-4.55600711	0.008387097	-4.82087492	0.00895833
1448364_at	Ccng2	-3.22600796	0.02384615	-4.55595975	0.00842623	-3.06583488	0.04177778
1437476_at	Rrm2b	-3.83070961	0.01282878	-4.55006346	0.008364198	-4.28571724	0.01375904
1425204_s_at	Ddx19a /// D	-3.59358381	0.01583878	-4.54942222	0.008398693	-4.51946917	0.0108
1419257_at	Tcea1	-3.79747816	0.01336562	-4.54754107	0.008481013	-3.90700111	0.0178389
1432143_a_at	Hbp1	-2.54289166	0.06304505	-4.54714182	0.008381877	-3.08787639	0.04157462
1460521_a_at	Obfc2a	-4.20620743	0.0089521	-4.54649574	0.008390093	-3.62767447	0.02424399
1437733_at	Eif4ebp2	-4.54647998	0.0064794	-4.54416431	0.00814433	-4.84039573	0.0088253
1420951_a_at	Son	-4.42600475	0.00785467	-4.54246375	0.008456592	-3.28965206	0.03276334
1450650_at	Myo10	-4.50830983	0.00689781	-4.53765419	0.00843949	-5.01770156	0.00810458
1453317_a_at	Khdrbs3	-5.50589972	0.00379487	-4.52385702	0.008412698	-5.53001477	0.00626016
1442855_at	Dopey1	-3.02783167	0.0311522	-4.51944307	0.0084375	-3.67535855	0.02335652
1450161_at	Ikbkg	-4.42486978	0.00759582	-4.51654631	0.008485804	-4.39979102	0.01206107
1431234_at	Itpr1	-4.15379015	0.00979412	-4.50704962	0.008416149	-3.62513151	0.02469522
1450022_at	Gtpbp1	-4.3878372	0.00817568	-4.50589908	0.008545455	-4.95833243	0.00834891
1421013_at	Pitpnb	-3.15393589	0.02620094	-4.50569086	0.008442368	-3.68401346	0.02291519
1440228_at	Ranbp6	-2.3921121	0.07889319	-4.50344799	0.008588957	-3.66032056	0.02339721
1457707_at	Mctp2	1.19065326	0.94594005	-4.50331272	0.008459119	-8.18499574	0.00196721
1422063_a_at	Pex5	-2.92952481	0.03472848	-4.4989448	0.008338462	-4.35363864	0.01275
1417015_at	Rassf3	-3.08751968	0.02876672	-4.49116066	0.008640483	-4.81387384	0.00889552
1455857_a_at	Rab2b	-3.51648322	0.01790323	-4.48912209	0.008562691	-4.42748781	0.01205584
1425581_s_at	Galnt7	-2.19363475	0.10761677	-4.48823536	0.00846395	-3.26382416	0.03449275
1426635_at	Acbd3	-3.05892556	0.02936858	-4.47702384	0.008738739	-4.00310651	0.01670782
1434393_at	Usp34	-3.70640363	0.01439636	-4.47683765	0.008567073	-4.82446846	0.00883234
1420945_at	Atrx	-3.28670051	0.02199653	-4.47672904	0.008541033	-3.88737154	0.01804688
1423308_at	Tgoln1	-4.3107284	0.00866667	-4.46729543	0.008832335	-3.95310607	0.01749499
1438070_at	Phf3	-3.70891362	0.01479638	-4.46515936	0.00880597	-3.67667503	0.02378893
1431760_a_at	Sdccag3	-4.47893791	0.0068705	-4.45983911	0.008846154	-4.62166172	0.01032967
1431592_a_at	Sh3kbp1	-3.50012958	0.01729508	-4.45914877	0.008970588	-3.8420288	0.019

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1450124_a_at	Atp2a3	-4.28032398	0.00872204	-4.45407237	0.00899705	-5.26540681	0.0074359
1453263_at	Naa35	-3.58253715	0.0162419	-4.44636587	0.008779762	-3.13807899	0.03884804
1434601_at	Amigo2	-4.96043509	0.00452174	-4.44397798	0.008753709	-8.6302459	0.00157407
1431655_a_at	Agk	-4.19286099	0.0089426	-4.4405396	0.008895349	-5.22624588	0.00759857
1430533_a_at	Ctnnb1	-4.10812003	0.01011561	-4.43856503	0.008644578	-4.37037881	0.01273632
1420867_at	Tmed2	-2.5308114	0.06350358	-4.42875135	0.009048991	-3.05811996	0.04233179
1433491_at	Epb4.1l2	-4.0366402	0.01105114	-4.42482378	0.00908046	-3.11435845	0.03918293
1421670_a_at	Irak4	-3.89962393	0.01212435	-4.42267736	0.009017341	-4.06180224	0.01627907
1458676_at	Nktr	-4.58335278	0.00625483	-4.42048092	0.008947368	-4.01321468	0.01674227
1422964_at	Rad23a	-5.05406774	0.00437788	-4.41927589	0.008869565	-5.86416217	0.00488987
1437213_at	Nudt21	-1.30344978	0.84648777	-4.41768331	0.009176136	-1.47640139	0.65934586
1426641_at	Trib2	-2.95914762	0.03355281	-4.41525471	0.009171429	-5.1078518	0.00790541
1433466_at	Al467606	-6.18697126	0.00285714	-4.41415819	0.009140401	-4.75566909	0.00936232
1427956_at	Pcgf1	-5.39310703	0.0038172	-4.4135565	0.008973607	-6.5782629	0.0033526
1425367_at	Irgal	-2.96718182	0.03346154	-4.40747789	0.009183099	-4.45723286	0.01204604
1453860_s_at	Nr3c1	-4.03796946	0.01131507	-4.40093481	0.009150142	-2.75448002	0.06414828
1439148_a_at	Pfkl	-5.3830606	0.00380208	-4.39953688	0.009145299	-5.08977424	0.00794613
1456398_at	Tug1	-2.34607912	0.08434718	-4.39545241	0.008921283	-2.54464018	0.08115975
1431464_a_at	Pmm2	-2.43253686	0.07489846	-4.39077822	0.009301676	-3.90984568	0.01806262
1453114_at	Nol9	-4.04416913	0.01115169	-4.38564286	0.009243697	-4.90029408	0.00874233
1455061_a_at	Acaa2	-2.95762676	0.03350068	-4.37761476	0.00920904	-5.46499433	0.00653696
1422862_at	Pdim5	-5.40062609	0.00377551	-4.36010134	0.009388889	-5.17624774	0.00773519
1419481_at	Sell	-10.7212905	0	-4.3363063	0.009530387	-6.4480667	0.00346154
1450116_at	Fam48a	-4.71100545	0.00571429	-4.3322455	0.009669421	-4.15260026	0.0153915
1454107_a_at	Kif2a	-3.21498053	0.02435216	-4.32925866	0.009809264	-3.58823655	0.02488487
1430552_a_at	Sbf1	-3.95009769	0.01152174	-4.32381061	0.009275766	-3.7473178	0.02082117
1445963_at	---	-2.48498992	0.06707254	-4.32135873	0.009445983	-6.17641632	0.00361809
1418570_at	Ncstn	-4.20357943	0.00905045	-4.31907789	0.009726027	-3.5615206	0.0255412
1426667_a_at	Sun1	-3.36835688	0.02009191	-4.30933424	0.009782609	-4.2401785	0.01414692
1439517_at	---	-1.50676734	0.46684392	-4.29788436	0.00967033	-2.2036753	0.13781513
1426170_a_at	Cd8b1	-7.22769186	0.00135922	-4.28733158	0.009213483	-2.01885878	0.18934365
1423675_at	Usp1	-2.93040486	0.03496732	-4.28626189	0.010108108	-2.97290837	0.04553145
1420183_at	Lor	-5.41255583	0.00378238	-4.28560831	0.010080645	-3.59424811	0.02849254
1420607_at	Rbm18	-3.57138005	0.01632258	-4.28427672	0.01013369	-3.34488513	0.03110795
1454633_at	Etnk1	-5.1956227	0.00432692	-4.28323748	0.010213333	-4.15518199	0.01489796
1445522_at	Atp8b4	-2.88981406	0.03679901	-4.28207976	0.010160858	-4.56309176	0.01070461
1420876_a_at	Sept6	-4.0181414	0.01119114	-4.27515976	0.010291777	-5.07136226	0.00791946
1424826_s_at	Mtss1	-2.5955435	0.05716374	-4.27420667	0.010289474	-3.62666042	0.0241136
1425269_at	Apbb1ip	-3.84609216	0.01231156	-4.2713832	0.009810298	-4.15602212	0.01494382
1437536_at	Fkrp	-4.3826344	0.00819113	-4.26641213	0.009726776	-4.31185401	0.013309
1426724_at	Cnn3	-6.0698674	0.00287671	-4.25830711	0.010290237	-6.45917541	0.00349727
1444333_at	---	-2.45848576	0.07094958	-4.24907851	0.010850515	-3.26712126	0.03383784
1424179_at	Plekhj1	-4.59009284	0.00636015	-4.24891162	0.010080863	-5.43653838	0.00647059
1430527_a_at	Rnf167	-4.23750969	0.0089759	-4.24103582	0.010393701	-5.48133256	0.00633466
1423916_s_at	Mlf2	-6.0843297	0.0027451	-4.22770096	0.010626632	-5.91524668	0.00461538
1432304_a_at	9030624J02R	-3.22294224	0.02468647	-4.22647036	0.010859375	-3.40445375	0.02950292
1416927_at	Trp53inp1	-5.62301281	0.00385475	-4.22197587	0.010575916	-3.03356313	0.04462819
1454686_at	6430706D22	-4.45087299	0.0070922	-4.22162471	0.010826873	-3.88378499	0.01843212

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1426653_at	Mcm3	-4.25186267	0.00881988	-4.22012286	0.010291005	-4.63146946	0.01043836
1434370_s_at	Faf1	-4.00560918	0.01123967	-4.21051489	0.01092545	-4.09185966	0.01568627
1416062_at	Tbc1d15	-3.72231462	0.01424594	-4.20335119	0.010831169	-3.81807383	0.01930712
1421900_at	Eif2ak1	-5.88499015	0.0031677	-4.20046778	0.010829016	-5.19019952	0.00775439
1421324_a_at	Akt2	-4.23363433	0.00879257	-4.19917719	0.011071429	-4.83530424	0.00885196
1416660_at	Eif3a	-2.19569348	0.10502433	-4.18856676	0.010974359	-2.95213085	0.04751586
1435587_at	Pcid2	-3.43846184	0.01831703	-4.18230517	0.011167513	-3.9171879	0.01765408
1450148_at	Mcoln3	-4.20572154	0.00898507	-4.17086996	0.011557789	-4.00326837	0.01725253
1420924_at	Timp2	-4.66376469	0.00630769	-4.16892379	0.011679198	-4.6231142	0.01027701
1419157_at	Sox4	-4.73913908	0.00569672	-4.16658381	0.010292553	-5.0472061	0.00814332
1436607_a_at	Kidins220	-3.97633232	0.01121547	-4.15105582	0.011170483	-4.97792099	0.00836478
1449552_at	Zfr	-4.12746219	0.00991254	-4.1434715	0.011099744	-4.50429089	0.01126316
1436023_at	Bclaf1	-3.42289017	0.01913208	-4.14337098	0.011313131	-3.54974404	0.02590764
1435602_at	---	-4.22730049	0.0088	-4.13975867	0.011240506	-3.47178274	0.02762712
1449137_at	Pdha1	-3.37623034	0.01990758	-4.13749719	0.011536524	-4.04742216	0.01629237
1420869_at	Mllt10	-3.91013025	0.01190476	-4.1226348	0.011716418	-3.68166068	0.02292553
1433492_at	Epb4.1l2	-4.4900453	0.00728873	-4.12047312	0.012296296	-5.09709414	0.00786441
1421139_a_at	Zfp386	-3.01066739	0.03116312	-4.11260734	0.012183623	-2.9167128	0.04947585
1448732_at	Ctsb	-4.50402031	0.00689531	-4.11250757	0.01220297	-4.21205225	0.0144
1420643_at	Lfng	-5.08123199	0.00435407	-4.10624109	0.011745636	-4.45244668	0.01200514
1422681_at	Ctr9	-3.96642701	0.01154054	-4.09885229	0.012776413	-3.46466292	0.02863299
1423087_a_at	Prickle4 /// T	-4.63666769	0.00626459	-4.09508482	0.011675	-4.7296333	0.00966006
1422793_at	Pafah1b2	-5.10253203	0.00444444	-4.08793805	0.013112745	-4.81485828	0.00923754
1425650_at	Tle4	-3.46769417	0.01787402	-4.06728664	0.013381995	-4.31928247	0.0131358
1430692_a_at	Sel1l	-4.55645452	0.00649057	-4.06653961	0.013454106	-3.89783134	0.01816248
1436858_at	Mbnl2	-4.10335318	0.00988372	-4.05336005	0.013645084	-3.95126151	0.01746988
1453739_at	Tmem126b	-4.34867733	0.00827815	-4.05221765	0.0134375	-4.32223246	0.01318627
1427798_x_at	---	-3.86671473	0.01217949	-4.05173083	0.013438257	-3.70037975	0.02224417
1433460_at	Ttc7b	-2.64453671	0.05182099	-4.0474128	0.012807882	-6.71201063	0.00335366
1421845_at	Golph3	-2.23159208	0.10010732	-4.04279579	0.013445783	-2.66971055	0.06887179
1450500_at	Uhmk1	-3.85103615	0.01335749	-4.03986383	0.013666667	-4.36837487	0.01320293
1430971_a_at	Aqr	-2.43084572	0.07544944	-4.0392525	0.013325183	-4.39192474	0.01277078
1455986_at	Zdhhc17	-4.03514822	0.01111111	-4.02458958	0.013981043	-3.96790275	0.01775794
1422479_at	Acss2	-3.14200396	0.02651563	-4.02096004	0.01361244	-6.19964239	0.00376238
1451034_at	Zfp36l2	-3.50324042	0.0177668	-4.02047233	0.013317073	-3.95466366	0.01768463
1453732_at	Ccdc90a	-2.65860909	0.05282981	-4.0195853	0.014211765	-3.17822589	0.03823087
1443932_at	Klhdc1	-3.23860309	0.02402337	-4.01070726	0.013349515	-4.99746571	0.00824281
1450747_at	Keap1	-4.32836851	0.00836066	-4.00878024	0.014201878	-6.40757444	0.00349462
1439041_at	Slc39a10	-4.47435585	0.00730769	-3.99688205	0.014485981	-3.68810569	0.02299824
1420653_at	Tgfb1	-5.68220809	0.00353293	-3.98938585	0.013651551	-3.73321	0.02154265
1451884_a_at	Lsm2	-4.74505563	0.00585366	-3.98916003	0.013824228	-5.52105893	0.00628
1429198_at	1810030O07	-4.21322511	0.00877676	-3.98544274	0.014208038	-3.8897704	0.0184261
1460549_a_at	Cdc23	-3.86785845	0.01209302	-3.96624831	0.014568765	-3.51863289	0.02611111
1431254_at	Kbtbd11	-4.64362563	0.00633588	-3.96335355	0.014192037	-6.32509289	0.00350515
1417152_at	Nacc2	-3.5074884	0.01781312	-3.95269965	0.015068493	-5.03477858	0.00818482
1422853_at	Shc1	-3.96509839	0.01147139	-3.94909389	0.01482679	-4.16422109	0.01490826
1415818_at	Anxa6	-6.53708142	0.00238806	-3.94434752	0.014221698	-5.16053867	0.00770833
1425814_a_at	Calcr1	-3.35853796	0.02074141	-3.94114091	0.015045872	-2.93451754	0.04843587

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1450378_at	Tapbp	-5.04396524	0.00443946	-3.93463098	0.014837209	-4.22045439	0.01434579
1429390_at	Acpl2	-2.1899835	0.10520896	-3.93362656	0.015069124	-6.17528191	0.00382353
1428150_at	Coro7	-4.34417835	0.00828383	-3.9183556	0.014861111	-3.69793107	0.02236136
1421146_at	Rapgef1	-3.10812961	0.02754224	-3.91818812	0.015034325	-3.47976931	0.02741486
1425368_a_at	Numb	-3.56375543	0.01651805	-3.91642772	0.01487239	-4.58014519	0.01043597
1416525_at	Spop	-3.17571916	0.02558776	-3.91549128	0.015113636	-3.01874383	0.04416856
1417736_at	Smc6	-6.15040608	0.00281879	-3.91125519	0.015328798	-6.08721223	0.00388626
1452228_at	Tbc1d23	-2.91149472	0.03590038	-3.90657686	0.015480984	-3.58005065	0.0251876
1432488_a_at	Sf3a3	-2.62245557	0.05554455	-3.9035137	0.015294118	-3.41947142	0.02884273
1457351_at	Taf2	-2.20971197	0.10495116	-3.8995113	0.015148064	-2.85807412	0.05463698
1446412_at	---	-1.91605194	0.18512799	-3.89808802	0.015057471	-5.5742653	0.00629032
1427950_at	Ltn1	-3.43128351	0.01909605	-3.8944061	0.01537246	-3.78744079	0.02044118
1451619_at	Golph3l	-3.67245123	0.01507761	-3.89079059	0.015472973	-4.12461177	0.01558758
1433220_at	6720482G16	-3.46704125	0.01838521	-3.89074115	0.015483146	-4.03219385	0.01626834
1416484_at	Ttc3	-3.31677236	0.02122124	-3.88924468	0.015493274	-3.82454998	0.01943925
1426233_at	Map2k4	-3.84620324	0.01279703	-3.86338378	0.01627193	-3.30819666	0.03267956
1425497_a_at	Prpf4b	-2.78122089	0.04361015	-3.85642307	0.015960265	-2.9359112	0.04775789
1422027_a_at	Ets1	-3.16195463	0.02598101	-3.85082261	0.01621978	-3.16020176	0.03834793
1432436_a_at	Ak3	-3.59954611	0.01650424	-3.84762981	0.016478261	-2.87054565	0.05414706
1433471_at	Tcf7	-1.75501497	0.25065726	-3.84739868	0.0158	-7.07092194	0.00294521
1454875_a_at	Rbbp4	-2.8485479	0.03993954	-3.84295655	0.01628821	-2.94604949	0.0484696
1436608_at	Fam113b	-4.57170823	0.00655556	-3.83681268	0.015774336	-5.87548658	0.00493333
1454229_a_at	Eri2	-2.82731965	0.03987893	-3.83641822	0.015835189	-2.62045076	0.0724208
1458401_at	4932438A13	-4.64019896	0.00629921	-3.83053703	0.016572668	-4.36730009	0.01281407
1419313_at	Ccnt1	-4.25277639	0.00887147	-3.82015189	0.016258206	-4.43615569	0.01209184
1420794_at	Art2b	-2.7559792	0.04455367	-3.81996654	0.015803571	-2.44228235	0.09303956
1425483_at	Tox	-5.56812526	0.0038764	-3.8174696	0.016659483	-1.84932228	0.26270903
1452811_at	Atic	-1.99916147	0.16071025	-3.8138418	0.017326316	-3.38019154	0.03111748
1453604_a_at	Hbs1l	-2.61848983	0.05656496	-3.80837356	0.016845494	-2.56671836	0.07973623
1438207_at	Gbf1	-3.49997189	0.01911654	-3.80168325	0.017230444	-4.41438767	0.01274314
1427553_at	Gm16489	-2.22303912	0.10027044	-3.80044494	0.016673866	-3.38772868	0.02978166
1442925_at	Smg1	-3.07124797	0.02992733	-3.79826352	0.017154989	-3.53435021	0.02645212
1422136_at	Uhmk1	-3.6818776	0.01595652	-3.79758345	0.017259414	-4.25092459	0.01449074
1418632_at	Ube2h	-6.37399697	0.00262774	-3.79615351	0.016774194	-5.43659491	0.00657692
1450786_x_at	Pdlim5	-3.60653477	0.0165032	-3.79466712	0.017344398	-4.10599916	0.01590129
1417752_at	Coro1c	-4.0210065	0.01111732	-3.79361078	0.017334711	-4.79202909	0.00932749
1456723_at	---	-1.88856661	0.19004614	-3.79067998	0.015764967	-2.20853036	0.13251346
1438354_x_at	Cnn3	-4.55126209	0.00696429	-3.79053547	0.016858974	-3.57424039	0.02576923
1420637_at	Prps2	-3.81215911	0.01332524	-3.78968604	0.016809422	-4.07890903	0.01583333
1423996_a_at	Il4ra	-3.41151289	0.0191573	-3.78302856	0.016601732	-3.54153958	0.02551053
1416374_at	Ap3m1	-3.72975276	0.01434483	-3.78249978	0.017289916	-3.92240906	0.01787402
1449936_at	8430419L09F	-3.46344637	0.01792	-3.78135509	0.017191489	-3.46507921	0.02771472
1421338_at	Elf4	-3.90529988	0.01189974	-3.7797173	0.016383442	-3.30045135	0.03218182
1425929_a_at	Rnf14	-3.08828665	0.02816265	-3.77732958	0.017341772	-3.59237179	0.02468647
1428563_at	Ddx10	-3.13060538	0.02784074	-3.76778506	0.017223382	-3.61615537	0.02460899
1419156_at	Sox4	-3.63562903	0.01569869	-3.76536573	0.016189427	-3.81508447	0.01992579
1424062_at	Ube2d1	-5.16191004	0.00415459	-3.76356529	0.016823028	-5.07710114	0.0082392
1457295_at	Tnrc6a	-3.95825622	0.01154472	-3.74981651	0.017329193	-3.95822878	0.0176494

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1453762_at	Vps26b	-3.99645266	0.01129121	-3.74969954	0.017224576	-3.62742302	0.024
1421940_at	Stag1	-3.29895325	0.02148862	-3.74790227	0.017380457	-2.96139787	0.04641409
1426114_at	Hnrnpab	-1.5817446	0.37670924	-3.74604094	0.018167331	-2.5986578	0.07449761
1430216_at	Zfp292	-5.11167696	0.00442478	-3.74544378	0.017546012	-3.51982003	0.02830816
1425725_s_at	Ppp2r5c	-5.09150912	0.00436019	-3.74235997	0.017510288	-3.96709606	0.01721545
1424287_at	Prkx	-2.94432787	0.03439252	-3.74178933	0.018083832	-3.50878934	0.02670313
1456235_at	BB165335	1.17542297	1.03647747	-3.7384753	0.017274633	-8.70823294	0.00158879
1422341_s_at	Pla2g15	-3.24538207	0.02474548	-3.73515557	0.017617108	-3.63481852	0.02458472
1446476_at	Gm16460	-3.07613041	0.02932551	-3.73201987	0.0175154	-2.79124095	0.05999071
1427979_at	4732418C07	-2.90760912	0.03611111	-3.73058876	0.017591837	-3.02795409	0.04457111
1452885_at	Srsf2ip	-3.50789768	0.01788423	-3.72922713	0.017581967	-3.52624244	0.02634646
1423089_at	Tmod3	-1.81769272	0.22844502	-3.72862403	0.017751004	-2.36527566	0.10561686
1450368_a_at	Ppp3r1	-3.31474985	0.02122995	-3.72838282	0.017333333	-3.13228394	0.03881418
1429881_at	Arhgap15	-2.99471076	0.03193277	-3.72823207	0.017721774	-3.71259172	0.02222022
1454142_a_at	Pwp1	-3.29304372	0.02188153	-3.72706936	0.0177666	-3.41042531	0.02926362
1420727_a_at	Tmlhe	-2.08757062	0.12889868	-3.72324357	0.017484536	-3.39516103	0.02963557
1422863_s_at	Pdlim5	-3.79511867	0.01331731	-3.7168488	0.018492063	-4.78921764	0.0093314
1426086_a_at	Fmr1	-2.61004256	0.05746602	-3.70568007	0.018409543	-3.20511991	0.03703846
1455575_at	Eif4ebp2	-3.44198704	0.01899621	-3.70197889	0.017662602	-2.97942032	0.04568966
1421287_a_at	Pecam1	-4.39385319	0.00818493	-3.69987535	0.017717172	-4.72893944	0.00951429
1452496_at	Atp11c	-3.11170796	0.02806107	-3.69014285	0.018554455	-3.00440992	0.04510965
1460245_at	Klrd1	2.1766961	0.32357038	-3.69006186	0.017915832	-6.92394853	0.00309211
1417219_s_at	Tmsb10	-4.03839865	0.01076923	-3.68249441	0.017753036	-5.0606873	0.00795987
1421600_a_at	Trim26	-3.43701624	0.01916824	-3.68046147	0.017687627	-4.08579456	0.0158209
1453623_a_at	Rad23a	-2.66198664	0.0520102	-3.67381335	0.01808	-4.98456751	0.00839117
1450396_at	Stag2	-3.02264525	0.03090517	-3.67066554	0.01852071	-2.9309872	0.04849215
1448127_at	Rrm1	-2.88658425	0.0366087	-3.66995744	0.018921569	-2.93745822	0.0476452
1454174_a_at	C330007P06	-3.19718745	0.02574163	-3.66351452	0.019610895	-2.94171674	0.04937243
1437477_at	Lrrfip1	-2.67061436	0.05172343	-3.65787726	0.018557312	-3.44676196	0.02861401
1420904_at	Il17ra	-2.58747813	0.05737911	-3.65134165	0.018779528	-4.33354194	0.0130198
1423290_at	Hyou1	-3.19666671	0.02568254	-3.64129931	0.019393346	-2.80477168	0.0577704
1448851_a_at	Dnajc5	-2.93256889	0.03480211	-3.63813733	0.018821218	-3.63527625	0.02390328
1421721_a_at	Arnt	-4.03368008	0.01111421	-3.63216985	0.019535783	-3.34022819	0.03267586
1422270_a_at	Il6ra	-3.11248093	0.02880952	-3.63198942	0.019710983	-4.14454866	0.01544444
1456453_at	---	-5.02733328	0.00445455	-3.63131815	0.019394531	-7.7248308	0.00219697
1422948_s_at	Gm11275 ///	-2.9873163	0.03349593	-3.61486057	0.02001912	-3.64456088	0.02413559
1460678_at	Klhdc2	-2.62609663	0.05415	-3.60906468	0.01962963	-3.31986597	0.03171831
1453224_at	Zfand5	-2.29750818	0.0903794	-3.60832678	0.020170778	-2.74535935	0.06175943
1423571_at	S1pr1	-2.55702571	0.0610084	-3.60566826	0.019572816	-4.01180551	0.01641667
1428861_at	Filip1l	-3.4412515	0.01846899	-3.60326144	0.019594595	-4.9472038	0.00842593
1417383_at	Entpd5	-2.77766639	0.04382488	-3.60027806	0.020189036	-4.22925437	0.01434988
1432115_a_at	Pign	-2.40630025	0.0777498	-3.5985524	0.020605505	-3.19953371	0.03717752
1419022_a_at	Eno1 /// Gm5	-2.98831728	0.03223464	-3.59186551	0.020057252	-4.2543341	0.01378897
1452457_a_at	Prkab1	-2.96976066	0.03346101	-3.59181157	0.019884615	-3.27405071	0.03327422
1425680_a_at	Btrc	-2.988338	0.03221448	-3.58932692	0.020244361	-2.87986929	0.05222886
1419757_at	Pitpnm2	-4.33262088	0.00816054	-3.58739101	0.020169811	-3.73301162	0.02216998
1452658_at	Krr1	-2.30920833	0.08768034	-3.58435451	0.020299625	-3.43215173	0.02828054
1452080_a_at	Dcun1d1	-2.83294973	0.04083333	-3.58100616	0.020626151	-2.80178257	0.05924953

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1433657_at	Fam78a	-2.74968559	0.04486547	-3.58074968	0.020038388	-6.43509598	0.00347594
1436706_at	Mmgt1	-2.71220896	0.04873662	-3.579848	0.020581818	-2.79795611	0.05891917
1421924_at	Slc2a3	-5.43311657	0.00379679	-3.57665261	0.020243902	-4.24611958	0.01377404
1427569_a_at	Utrn	-3.65451934	0.01489888	-3.57622292	0.020131827	-3.88216562	0.0183908
1432269_a_at	Sh3kbp1	-2.71633861	0.04806067	-3.57554543	0.02062963	-3.53137085	0.02633648
1421014_a_at	Clybl	-2.25074872	0.09972205	-3.57407523	0.020585009	-3.09060654	0.04199301
1438196_at	Gpd1l	-3.94535468	0.01195187	-3.5739142	0.02	-4.63053857	0.01013928
1452515_a_at	Xylt2	-2.30755494	0.08879204	-3.57353025	0.020057143	-3.80543137	0.01988909
1426596_a_at	Smn1	-2.65306496	0.05173333	-3.5692229	0.020297398	-2.73399385	0.06091743
1431196_at	Atp2c1	-3.90294554	0.01215584	-3.56709177	0.020643382	-3.60590986	0.02512275
1425326_at	Acly	-3.17190596	0.02567093	-3.56592164	0.020335196	-3.13775998	0.03880342
1433541_a_at	Ubap2l	-3.92502905	0.01183246	-3.5645954	0.020261682	-4.54660078	0.01080214
1426379_at	Eif4b	-3.44886502	0.01843327	-3.56346725	0.020528233	-4.84802341	0.00877676
1420946_at	Atrx	-3.06515494	0.02963504	-3.56101867	0.020463822	-2.99440632	0.04515847
1421413_a_at	Pdlim5	-3.45883214	0.01903042	-3.5576017	0.020848375	-3.5037261	0.02737984
1456651_a_at	Tpr	-3.46720547	0.01774257	-3.55311241	0.020683919	-3.02082652	0.04402746
1421511_at	Itgb3	-2.54161997	0.06226071	-3.55290308	0.020019011	-3.2495351	0.03457405
1453550_a_at	Far1	-2.5137828	0.06533333	-3.55062993	0.021057348	-2.57250699	0.08418223
1450163_a_at	Wrn	-2.89428435	0.03632959	-3.5419201	0.020622711	-4.08307669	0.01593548
1424875_at	Spg20	-3.35585799	0.02012797	-3.53854598	0.020664207	-2.76014999	0.0603321
1420638_at	Prps2	-4.22677798	0.00890909	-3.53740973	0.020845324	-3.59652425	0.02466887
1415823_at	Scd2	-3.05564441	0.02926254	-3.53257861	0.020565693	-3.41199768	0.02889217
1431231_at	Hist1h3f	-2.37483125	0.08131818	-3.53024913	0.020851449	-3.34438283	0.03117143
1439076_at	Dhx29	-3.51472464	0.01839844	-3.52829617	0.020933573	-3.548555	0.02689548
1417117_at	Cstf1	-3.87965043	0.01226463	-3.52552147	0.020317164	-3.82798895	0.01972119
1415773_at	Ncl	-2.05295215	0.13869838	-3.52334317	0.020867993	-2.60466891	0.07363272
1419874_x_at	Zbtb16	-3.08159016	0.029869	-3.52285477	0.020227273	-4.0510475	0.01659751
1442886_at	---	-1.23949576	0.99154636	-3.52121504	0.019534884	-1.04994469	1.16085589
1452539_a_at	Cd247	-2.45763386	0.07146689	-3.51784032	0.02114082	-3.25550194	0.0343484
1418655_at	B4galnt1	-3.07143602	0.02869955	-3.51061389	0.020744102	-6.47465505	0.00348066
1428306_at	Ddit4	-3.61281071	0.01549451	-3.50630541	0.020846847	-2.97500412	0.04523446
1431137_at	Rusc1	-2.88621745	0.03722565	-3.50617985	0.021451327	-3.52236643	0.02664577
1419030_at	Ero1l	-3.14341627	0.02623622	-3.50133071	0.021055456	-3.88257376	0.01817829
1427414_at	Prkar2a	-3.38081248	0.02082734	-3.5010678	0.02209507	-2.92515891	0.04931748
1431016_at	Cwf19l1	-2.50966535	0.06542507	-3.49180986	0.021156584	-2.99918393	0.0444308
1421321_a_at	Net1	-3.42432983	0.01882917	-3.49083379	0.021489362	-3.47240847	0.02789954
1450762_s_at	Zfp191	-2.5399557	0.0629883	-3.48901145	0.021142857	-3.30236213	0.0326971
1451060_at	Gpr146	-3.41043319	0.01919626	-3.48740762	0.022675815	-3.29944873	0.03267218
1430671_a_at	0610010K06F	-2.72611231	0.0474183	-3.48314372	0.022286213	-2.87465735	0.05197
1420899_at	Rab18	-2.58020972	0.05923004	-3.48157073	0.021887125	-2.82200068	0.05504348
1431715_a_at	Lig3	-3.10078823	0.02813918	-3.47139371	0.022521589	-3.07315386	0.04098458
1453497_a_at	Piga	-2.91347985	0.03502604	-3.47093256	0.021438721	-3.35273471	0.0311396
1438661_a_at	Arf2	-3.39259685	0.01994444	-3.46647655	0.021484099	-2.83615229	0.05468992
1455334_at	Zfp866	-3.33538122	0.02209983	-3.45866832	0.023130288	-4.10931142	0.01576087
1422544_at	Myo10	-2.42801668	0.07448529	-3.45797714	0.022105263	-3.14452768	0.0382793
1420919_at	Sgk3	-4.38358128	0.00816327	-3.45004457	0.022073814	-4.58467669	0.01040984
1453252_at	Dus4l	-5.62671023	0.00380682	-3.4500366	0.022543253	-4.32614394	0.01329268
1427718_a_at	Mdm2	-3.02335768	0.03094692	-3.44992899	0.022646048	-2.7916763	0.05738095

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1437938_x_at	Dnm2	-3.48906385	0.01795181	-3.44596966	0.022154116	-3.11913285	0.03883721
1427463_at	Casd1	-3.40968469	0.02010949	-3.44573877	0.022671233	-3.55007212	0.02637224
1426987_at	5430417L22F	-1.84089201	0.21077765	-3.44428614	0.022486957	-3.9756617	0.01695918
1422036_at	Strn	-2.63287981	0.05541667	-3.44369332	0.022534722	-3.01367045	0.0454407
1421755_at	Gpr132	-2.67580874	0.05034519	-3.44088577	0.022334495	-3.64591266	0.02402357
1438140_a_at	Zfp64	-2.94850437	0.03384409	-3.43293688	0.022667814	-2.85259184	0.05345776
1427518_at	D10627	-2.71068975	0.04927813	-3.43210812	0.023651591	-2.54754918	0.08752735
1416498_at	Ppic	-2.80509248	0.04145562	-3.4299281	0.022564991	-2.73601916	0.06196956
1455215_at	C530028O21	-2.91699585	0.03565722	-3.42664879	0.022637931	-1.31337904	0.92490083
1428469_a_at	Dzip1	-1.82557592	0.21814139	-3.42575426	0.02229021	-5.81460692	0.00497817
1452461_a_at	Gnptab	-2.48688535	0.06654214	-3.42529917	0.023101695	-2.82738824	0.05454545
1452383_at	Rps6ka3	-3.886029	0.01375887	-3.42436543	0.025088283	-4.30492071	0.01493151
1438511_a_at	1190002H23	-2.15438088	0.11291251	-3.42205592	0.023049404	-3.84001869	0.01888258
1421229_at	Dffb	-1.82716468	0.21339922	-3.42166061	0.023037543	-2.93445313	0.04772392
1429088_at	Lbh	-5.73263464	0.00312883	-3.42164084	0.023078231	-3.34352136	0.03109039
1460304_a_at	Ubtf	-4.38340404	0.00827243	-3.42086617	0.023826955	-3.27270069	0.03412399
1450262_at	Clcf1	-3.16759964	0.025696	-3.41985463	0.023220911	-3.48964432	0.02736111
1447944_at	Zkscan1	-3.79679384	0.01361905	-3.41757184	0.024280992	-3.14015694	0.03969623
1416019_at	Dr1	-2.74906306	0.04612583	-3.41219477	0.023897181	-2.70729106	0.06620242
1450153_at	Gopc	-2.77439525	0.04445578	-3.4111385	0.024761905	-2.99536816	0.04614393
1424225_at	Asb8	-3.90228731	0.01211488	-3.41057503	0.023656093	-4.00355049	0.01673554
1442408_at	Sulf2	-3.22557568	0.02438742	-3.40724731	0.023059829	-2.71393594	0.06385638
1417710_at	Mettl9	-1.82217518	0.21633969	-3.40113593	0.023378151	-3.52029582	0.02648177
1416348_at	Men1	-3.5644101	0.01725971	-3.39810006	0.023628763	-4.46807479	0.01205128
1418527_a_at	Srsf10	-2.53927504	0.062202	-3.39610642	0.023506711	-2.84719571	0.05394504
1435664_at	Zfp397	-3.6758044	0.01487585	-3.39484334	0.024415157	-3.35249458	0.03112696
1415819_a_at	Ppp2r1a	-3.7486384	0.01387324	-3.39463549	0.023633333	-3.4981367	0.02713841
1444199_at	---	-1.5208013	0.50365938	-3.39221278	0.024405941	-1.9472278	0.23022578
1418003_at	1190002H23	-1.95083938	0.16774545	-3.38930625	0.023106961	-3.76524828	0.02080439
1420818_at	Sla	-3.28989149	0.02276923	-3.38711037	0.02489533	-2.44037863	0.09428375
1416691_at	Gtpbp2	-2.96617421	0.03357923	-3.38541649	0.023333333	-3.23193534	0.03459424
1456325_at	Cep68	-3.62187896	0.01550661	-3.38133588	0.024935275	-4.12315396	0.0154343
1419635_at	4833420G17	-2.7268462	0.04738798	-3.37204393	0.023940397	-3.0045071	0.04452086
1447934_at	9630033F20F	-3.43926433	0.01880769	-3.36708467	0.023108108	-1.12099512	1.17462674
1426085_a_at	Pxn	-3.13841978	0.02817906	-3.36600736	0.025341812	-2.72902069	0.06456844
1419480_at	Sell	-9.74100077	0.00017241	-3.36545135	0.023837209	-4.96570997	0.00825806
1444951_at	Dennd1b	-3.45076206	0.02058182	-3.3650548	0.025411392	-3.32678815	0.0344106
1443353_at	---	1.13194197	1.05210055	-3.36233856	0.024918567	-1.29048198	0.97294411
1427148_at	Pja2	-3.1771613	0.02535714	-3.36181033	0.025264	-3.60976103	0.02433836
1458594_at	Shprh	-2.57940504	0.05953642	-3.35480366	0.024737705	-3.27220545	0.03437166
1460703_at	Ascc1	-3.95202389	0.01191489	-3.35396275	0.024812398	-4.39625986	0.01278195
1451646_at	Pdik1l	-2.69933369	0.05022152	-3.35383876	0.025365079	-3.28849695	0.03433912
1455695_at	St8sia1	-1.40819781	0.62536543	-3.35031095	0.02487013	-9.01710924	0.00153846
1432539_a_at	Nup54	-2.38007714	0.07983103	-3.34872831	0.024887097	-1.99773238	0.19433705
1453757_at	Herc6	-2.89108628	0.03631579	-3.34589383	0.024894992	-3.25447914	0.03437333
1418498_at	Fgf13	-2.94277043	0.03427807	-3.34463783	0.024671053	-3.72565736	0.02232975
1450223_at	Apaf1	-3.00994752	0.03141243	-3.34240912	0.025520505	-2.66030809	0.06947679
1415957_a_at	Rrp1	-2.71500841	0.04779587	-3.34102706	0.024894309	-2.87727211	0.05082745

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1422482_at	Ruvbl2	-4.45283247	0.00720848	-3.34090355	0.024975689	-4.21332246	0.01438967
1425948_a_at	Slc25a30	-3.26046636	0.02409318	-3.33448355	0.025451664	-3.48585687	0.02851796
1421969_a_at	Faah	-2.15837917	0.11246761	-3.33405599	0.024787582	-3.00076082	0.04459309
1446323_at	Atf7ip	-2.87639804	0.03749386	-3.3329469	0.025358852	-2.76120563	0.06097806
1433769_at	Als2cl	-4.3713483	0.00818182	-3.33188437	0.024811784	-10.2347456	0.00079545
1425621_at	Trim35	-4.13994997	0.0097654	-3.33100688	0.024919614	-4.18574184	0.01484988
1457301_at	Prmt10	-2.94068041	0.03376518	-3.32946414	0.025832037	-2.67576237	0.06635579
1429582_at	Nacc2	-3.18248784	0.02549273	-3.32713407	0.025527559	-4.40959146	0.01240506
1425071_s_at	Ntrk3	-2.07564301	0.13453001	-3.32616176	0.02525641	-4.30043719	0.0131941
1422478_a_at	Acss2	-2.3124011	0.08765415	-3.32455597	0.025318471	-5.42768376	0.00652672
1456043_at	Usp22	-4.10090313	0.01011594	-3.31600611	0.025796875	-3.76715832	0.0207326
1422559_at	Ube2n	-3.8605418	0.01237975	-3.31488388	0.025239617	-3.38944329	0.02947445
1421476_a_at	Cant1	-2.76311703	0.04435429	-3.30548431	0.02571205	-3.1405161	0.03881481
1448177_at	Tap1	-1.9255292	0.17800176	-3.30292681	0.026024845	-2.57371089	0.07794671
1451574_at	Bcl9	-3.73080856	0.01429561	-3.30035985	0.02549763	-3.4075819	0.02930984
1455068_at	Psd4	-4.13844849	0.00976401	-3.29410148	0.025534591	-3.85517139	0.01889943
1421708_a_at	Stat6	-4.52611529	0.00687273	-3.29070873	0.025747664	-3.6503716	0.02338569
1428065_at	Slc44a2	-5.09835442	0.00431925	-3.28914285	0.025572998	-6.04135292	0.00413953
1434950_a_at	Armc8	-2.93013066	0.03487549	-3.28848935	0.026902928	-3.18279668	0.03719745
1449898_at	Sept1	-5.56505135	0.00357143	-3.28227246	0.025752351	-4.23225044	0.01436321
1421809_at	Dgcr2	-3.55874444	0.01653361	-3.28169994	0.026816074	-3.96091388	0.01730382
1431759_at	4930529C04	-3.26832171	0.02307301	-3.27713476	0.02575663	-3.24260884	0.03466057
1417570_at	Anapc1	-3.49049909	0.01798793	-3.26744586	0.028054711	-2.7172896	0.0640531
1431206_at	5730601F06F	-2.98469118	0.03267313	-3.2660948	0.028057663	-2.99165055	0.04461624
1416543_at	Nfe2l2	-2.88281848	0.03647572	-3.26597784	0.026923077	-4.27288355	0.01374396
1429169_at	Rbm3	-3.89227416	0.01234848	-3.26552133	0.027825421	-7.64588411	0.00253731
1425329_a_at	Cyb5r3	-2.53136404	0.06353887	-3.26544588	0.026820988	-3.61397118	0.02415959
1424433_at	Msrb2	-4.33109955	0.00844156	-3.26513656	0.026052632	-2.97061849	0.04553629
1420472_at	Mtpn	-2.50943342	0.06679098	-3.26158147	0.028625378	-3.05499849	0.04423729
1417716_at	Got2	-3.18117558	0.02516287	-3.25748831	0.027868098	-3.06974752	0.04126328
1421268_at	Ugcg	-3.12823017	0.02718944	-3.24531084	0.02778626	-5.17599659	0.00766323
1452801_at	Pigk	-2.90754529	0.03626098	-3.2452546	0.029009009	-3.34631131	0.03269444
1418128_at	Adcy6	-1.75618724	0.25814703	-3.24519837	0.026046512	-3.89067822	0.0183815
1426575_at	Sgms1	-1.62729785	0.34464096	-3.24277367	0.028257576	-2.84028034	0.05536609
1426574_a_at	Add3	-2.56107588	0.06109361	-3.24230543	0.027828746	-2.74109057	0.06190261
1431926_a_at	Fam134c	-3.32648455	0.02086022	-3.23941507	0.027711214	-3.36466608	0.03090517
1433437_at	Dock8	-3.23247676	0.02542071	-3.23672546	0.02881203	-3.29672832	0.03435591
1420357_s_at	LOC630164 /	-2.19763481	0.1059121	-3.22536329	0.028582202	-1.45587518	0.68290051
1437314_a_at	Trmt1	-2.17322618	0.10943452	-3.22134534	0.02922272	-3.17179237	0.03785354
1439981_at	5830405N20	-2.44947913	0.07364988	-3.21995383	0.029179104	-3.4824557	0.02813636
1452862_at	Rreb1	-3.52752588	0.01664583	-3.21991291	0.027972561	-3.65243011	0.02325175
1448485_at	Ggt1	1.11575995	1.0740251	-3.20974421	0.028562784	-4.0356144	0.01629707
1430974_a_at	Senp7	-4.26664378	0.0088162	-3.20960702	0.029176647	-3.29856073	0.03425503
1453222_at	Gse1	-3.20221461	0.0247377	-3.20780179	0.02805175	-3.19709142	0.03564599
1421842_a_at	Adat3 /// Sca	-2.85641711	0.038779	-3.19702864	0.029205397	-4.46758961	0.01146214
1448565_at	Ppp1r11	-4.69659438	0.00615079	-3.19218663	0.029613095	-5.02042674	0.00823151
1421233_at	Pknox1	-3.50709538	0.01811395	-3.19209075	0.030623188	-3.58105994	0.02555016
1433622_at	Gemin4	-3.52942949	0.01668763	-3.19139017	0.028825301	-4.56895743	0.01067935

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1421149_a_at	Atn1 /// Rnu	-2.58991246	0.05806142	-3.18594935	0.030116788	-3.63965911	0.02421955
1458458_at	Sfn5	-3.13017865	0.03586735	-3.17989692	0.03868974	-3.88774879	0.02367418
1449512_a_at	Zfx	-3.10932553	0.02969388	-3.17602367	0.031176471	-2.91094315	0.05310345
1444155_at	Nin	-4.28096686	0.00880503	-3.17506619	0.029970501	-3.91235333	0.01776238
1450155_at	Itga4	-2.35909743	0.08440916	-3.17505152	0.031201717	-2.59697117	0.0799226
1439974_at	Fkbp15	-3.65508089	0.01488739	-3.17202322	0.029150522	-3.59742182	0.02439799
1438264_a_at	Tpp2	-2.18363995	0.10682064	-3.1709717	0.030690647	-2.1661753	0.14285642
1451897_a_at	Nbr1	-2.89189132	0.03612091	-3.17091308	0.029643388	-2.75489691	0.06027701
1416940_at	Ppif	-2.74355215	0.04563193	-3.1707629	0.029866864	-3.57017551	0.02529221
1431704_a_at	Ralgps2	-1.97655304	0.15705798	-3.17021716	0.029807407	-2.36692939	0.10259494
1416459_at	Arf2	-2.88356791	0.0361034	-3.17016955	0.029822747	-2.77735193	0.0588429
1432207_a_at	Toe1	-2.03925426	0.14065599	-3.16901978	0.030014684	-2.53841274	0.08266667
1440196_at	---	-1.26512798	0.93417505	-3.16722275	0.030044118	-2.23338711	0.12681918
1434469_at	Otud4	-2.26712667	0.09326706	-3.15892788	0.030320233	-1.89896722	0.22834432
1440041_at	---	-1.09877298	1.1779634	-3.15769829	0.030190337	-5.17117932	0.00765957
1427903_at	Phpt1	-5.35397351	0.00382979	-3.15718763	0.030146628	-4.62021504	0.01035813
1416201_at	Crk	-3.21541882	0.02520325	-3.15549572	0.031285714	-2.76695018	0.06091827
1458685_at	Ralgapa1	-3.3150026	0.02126538	-3.15537178	0.030160819	-3.60940242	0.02440735
1441638_at	A630014C17	-1.29652648	0.86935775	-3.15214012	0.029955817	-2.99159871	0.04487859
1452563_a_at	Kdm5d	-2.73058803	0.04737758	-3.15102602	0.031635846	-4.14784409	0.01542411
1452187_at	Rbm5	-3.40030305	0.0192365	-3.15051643	0.030072886	-3.62562153	0.02422487
1433977_at	Hs3st3b1	1.56891624	0.55045419	-3.14472022	0.030578871	-8.16519119	0.00193548
1426334_a_at	Bcl2l11	-2.45951411	0.07	-3.14437511	0.03125535	-3.50753703	0.02671362
1451072_a_at	Rnf4	-2.5363872	0.06335426	-3.14013155	0.031217765	-2.93468366	0.04863684
1425932_a_at	Celf1	-3.15994986	0.02622642	-3.13902532	0.032234637	-3.22289384	0.03570323
1456652_at	Dtl	-1.07367697	1.16069399	-3.13730328	0.030721501	1.16150471	1.06790579
1418347_at	Ccdc22	-3.07647158	0.02838323	-3.1371112	0.031787234	-3.30731777	0.03257302
1430394_a_at	Abcb9	-2.38963179	0.07814353	-3.13648428	0.030534682	-2.76605211	0.05920412
1447854_s_at	Hist2h2be	-2.7847703	0.0430814	-3.13640819	0.030624093	-3.5189337	0.0264557
1448160_at	Lcp1	-4.26692475	0.00884375	-3.13521997	0.031909477	-3.29682353	0.03285322
1453979_at	Rbm12b	-2.32113966	0.08768198	-3.13381135	0.031680912	-2.58220463	0.07838407
1416437_a_at	Mapk8ip3	-2.40880621	0.07519028	-3.13191125	0.030691643	-2.64104399	0.07032554
1424936_a_at	Dnahc8	-2.49758712	0.06510545	-3.12871446	0.030406977	-5.02761787	0.00815789
1424378_at	Ldlrap1	-2.08522539	0.13073569	-3.12733406	0.032287308	-4.65791184	0.0101676
1427412_s_at	Rapgef6	-3.00840055	0.03121813	-3.12658268	0.031887324	-3.40686945	0.02926471
1427319_at	A230046K03	-2.23721928	0.09979087	-3.126561	0.031918195	-3.30048186	0.03304645
1431232_a_at	Mga	-3.7134539	0.01436073	-3.12533679	0.031020115	-3.27060304	0.03410498
1434419_s_at	Tardbp	-2.82641831	0.04082045	-3.1212848	0.031949153	-3.18918989	0.03715736
1428199_at	Adal	-3.032554	0.03096681	-3.11831859	0.031753156	-3.34376471	0.03162429
1426824_at	Psme4	-3.20683102	0.02482702	-3.11603909	0.032649098	-2.07895472	0.16712959
1453751_at	Dhx38	-2.67694655	0.05081335	-3.11571513	0.031818182	-2.53915477	0.08268385
1451843_a_at	Ggta1	-2.91556065	0.0360076	-3.11437643	0.03184136	-3.54257484	0.02578275
1425726_x_at	Ppp2r5c	-4.10559599	0.01017291	-3.11238745	0.031986014	-3.40643261	0.0295022
1427488_a_at	Birc6	-3.76773283	0.01358852	-3.11030631	0.032680556	-2.76039872	0.06196025
1421908_a_at	Tcf12	-2.97083127	0.03325517	-3.10864671	0.032731034	-2.92890554	0.04873181
1433479_at	Ubr7	-2.67891412	0.0503043	-3.1070885	0.03197479	-3.40532698	0.02945748
1450439_at	Hcfc1	-3.24529959	0.0233277	-3.10293111	0.031842475	-3.1085282	0.03939099
1418292_at	Asna1	-3.67373696	0.01475	-3.1015155	0.0327121	-3.27092421	0.03326975

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1453995_a_at	Trmt2a	-2.81746626	0.04099644	-3.10139726	0.031797753	-3.6448472	0.02422222
1432249_a_at	Ercc8	-2.70745683	0.04873797	-3.1002796	0.032857143	-2.89285364	0.05054767
1459589_at	Cryl1	-2.54250099	0.06183898	-3.10011844	0.032548747	-3.10486025	0.04163722
1436341_at	Hmbox1 ///	-3.23845343	0.02342327	-3.09553764	0.032853186	-3.32492086	0.03195499
1416239_at	Ass1	-5.21366059	0.00419512	-3.09138142	0.032866941	-3.00870293	0.04457364
1452429_s_at	Abcf1	-2.25142487	0.09539465	-3.09110644	0.032847318	-2.35792582	0.10384181
1456911_at	Clasp2	-3.86135358	0.01234257	-3.09057798	0.033514986	-3.29013474	0.03280822
1451392_at	Elmod3	-2.83646029	0.03947689	-3.08896102	0.032807746	-3.22866256	0.03459211
1448335_s_at	Ccni	-4.13114968	0.00976608	-3.08585085	0.032954856	-3.36743088	0.03051948
1425885_a_at	Kcnab2	-2.74125208	0.04705367	-3.08497757	0.033459973	-3.21402244	0.03630155
1450068_at	Baz1b	-3.41596139	0.0199262	-3.08436108	0.0335	-3.24931738	0.03681234
1433836_a_at	8430408G22	-3.42422697	0.0190613	-3.08300736	0.034569536	-3.77718994	0.02056881
1444634_at	Nsun3	-2.70133644	0.04877137	-3.08256931	0.033495935	-2.93723426	0.04875389
1425140_at	Lactb2	-2.88396769	0.03623899	-3.08182513	0.032958904	-2.43101703	0.09496937
1435763_at	Tbc1d16	-2.99707807	0.0321958	-3.07957586	0.032776243	-4.02375278	0.01628151
1423743_at	Arcn1	-3.34475375	0.02077899	-3.07567913	0.033547067	-3.24968527	0.03458607
1435086_s_at	Klhdc2	-2.51580191	0.06301259	-3.07223449	0.032837466	-3.07367224	0.04085816
1455836_at	Papola	-5.39209781	0.00385787	-3.06853846	0.033622995	-3.98396968	0.01718053
1451913_a_at	Hyou1	-3.67978124	0.01480726	-3.06726964	0.033508065	-4.47063573	0.01149606
1425701_a_at	Rgs3	-3.54188327	0.01652632	-3.06110316	0.033423913	-3.23517032	0.03441645
1419168_at	Mapk6	-3.58397771	0.01635193	-3.06048791	0.033518268	-3.40239742	0.02926254
1448231_at	Fkbp5	-2.47260765	0.06877882	-3.05813762	0.034281915	-2.52952822	0.0837218
1445427_at	---	-1.2364238	1.01660098	-3.05584916	0.03356	-2.45935216	0.09358726
1443877_a_at	Rapgef6	-3.56503193	0.01648936	-3.05570443	0.033469388	-3.60222925	0.02457711
1421925_at	Mapk11	-2.42329773	0.0745864	-3.05561264	0.033251366	-2.27880372	0.12067961
1440197_at	BC032203	-2.3541398	0.08448557	-3.05530202	0.033499327	-2.45155988	0.09410912
1449903_at	Crtam	-2.14951573	0.1158087	-3.0551679	0.033450135	-2.25214805	0.12580501
1438934_x_at	Sema4a	1.39913322	0.71493073	-3.04948721	0.033495277	-6.40998805	0.00354167
1422247_a_at	Uty	-2.30278545	0.09000681	-3.04807838	0.035891473	-4.90942819	0.00878049
1427544_a_at	Papola	-3.73082149	0.01418605	-3.04602616	0.033543624	-3.78360985	0.02034991
1421164_a_at	Arhgef1	-4.32445003	0.00843648	-3.04273073	0.033619303	-4.29755668	0.01354369
1421495_a_at	1700052N19	-3.48761712	0.01807843	-3.04193994	0.034327563	-3.48881396	0.02729814
1429325_at	Poc1b	-3.58071245	0.01649789	-3.04025359	0.034329349	-3.44259548	0.02857143
1453761_at	Phf6	-2.30300626	0.08913014	-3.03664516	0.035543906	-2.65810544	0.07034252
1428332_at	Pik3ip1	-2.86293847	0.03732759	-3.03637855	0.033574297	-6.581752	0.00338889
1423196_at	Nedd1	-2.75747601	0.04432494	-3.03498279	0.035144737	-3.29195208	0.03268698
1460433_at	Entpd6	-3.12708478	0.02669782	-3.03382598	0.034748677	-4.22065917	0.01415677
1420920_a_at	Arf1	-2.19855151	0.10443968	-3.03114598	0.034755614	-2.18259331	0.13875912
1450089_a_at	Srprb	-2.34664022	0.08461312	-3.03026017	0.035691906	-2.02951031	0.18361684
1432229_a_at	Cdyl2	-2.68031953	0.04950212	-3.02942712	0.035026385	-3.89981314	0.01805882
1419256_at	Spnb2	-2.52953991	0.06354521	-3.02867128	0.034429708	-2.49686877	0.08754565
1444842_at	Kdm5a	1.22404506	0.96371305	-3.02683143	0.033604806	-1.01044678	1.2024176
1420172_at	---	-2.96250311	0.03321823	-3.02422749	0.035805195	-2.50180036	0.08628949
1438887_a_at	Gmcl1	-2.45909647	0.07079899	-3.02029262	0.035633987	-2.64425871	0.07000838
1419761_a_at	Gabpb1	-2.51612163	0.06464602	-3.01974487	0.035124836	-1.97409534	0.20116513
1449079_s_at	St3gal6	1.7503155	0.45027114	-3.01832886	0.035893782	-5.63232272	0.00579167
1439119_a_at	Fam120a	-3.33703465	0.02120141	-3.01715051	0.036167742	-2.91576948	0.04928793
1457037_at	Zbtb2	-3.55782364	0.01661826	-3.01712611	0.036692112	-3.10062704	0.04190476

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1450008_a_at	Ctnnb1	-3.64523881	0.01489978	-3.01392462	0.035680628	-2.84517686	0.05417238
1431430_s_at	Trim59	-7.46340168	0.00134021	-3.01243129	0.036282051	-4.19925481	0.01439535
1428887_at	Zfp157	-3.59523648	0.01638116	-3.01206242	0.035669701	-2.61715917	0.07222132
1431815_a_at	Mms19	-3.09009959	0.0281459	-3.0120137	0.036216216	-3.06678777	0.04172333
1448751_at	Ap3m2	-3.19987748	0.0256891	-3.01182233	0.035847348	-3.37089495	0.03124823
1419477_at	Clec2d	-3.4789212	0.01838207	-3.01059783	0.035940337	-4.18821354	0.01489703
1429332_at	4632427E13F	-3.07351601	0.02871642	-3.00742759	0.036302953	-2.75596965	0.06230838
1452527_a_at	P2rx4	-2.93013405	0.03480315	-3.00534719	0.035697523	-2.35408541	0.10449375
1450037_at	Usp9x	-2.68706273	0.05061651	-3.00459388	0.036611253	-2.24067747	0.12573178
1432430_a_at	1700081L11F	-2.95951684	0.03319502	-2.9976702	0.035664063	-3.05381288	0.04244496
1456426_at	Clec2i	-3.20926591	0.02497545	-2.99263916	0.035380577	-2.70452144	0.06412025
1424435_a_at	Gart	-2.80526747	0.0420425	-2.99015098	0.036581306	-2.94191045	0.04828782
1455646_at	2010004M13	-2.27828779	0.09173038	-2.98961561	0.036658163	-3.57976529	0.02513957
1421059_a_at	Alg2	-3.66110293	0.01494407	-2.98506704	0.036246787	-3.25470849	0.03451783
1451805_at	Phip	-2.46555938	0.07154941	-2.98394305	0.03749059	-2.33231071	0.11176895
1434987_at	Aldh2	-2.76654745	0.04551225	-2.98184789	0.036903553	-3.3322847	0.03331973
1460462_at	Med18	-2.93715622	0.03441333	-2.98084219	0.036713376	-3.10470243	0.04044525
1433586_at	Rgmb	-2.93170173	0.03588235	-2.97990912	0.037997512	-3.30835336	0.03449868
1438085_at	Heatr5b	-3.22513228	0.02380235	-2.97983683	0.037335859	-3.02573016	0.04445444
1434139_at	Parp11	-3.95768009	0.01156334	-2.97910712	0.037173638	-4.03505965	0.01631915
1449554_at	Tle3	-3.09458296	0.02802752	-2.97280534	0.03660281	-3.50421186	0.02688474
1456040_at	Sf3b2	-3.32242508	0.02089445	-2.97168597	0.037625	-3.17667317	0.03714286
1444845_at	Scfd1	-1.32259376	0.80291672	-2.97049838	0.036134021	-1.69319132	0.36279781
1427993_at	Rufy2	-2.53342069	0.0620274	-2.97011062	0.037531486	-2.67496806	0.06624242
1421898_a_at	Mr1	-3.00807735	0.03232267	-2.96930783	0.037512563	-2.79998028	0.05887947
1418553_at	Arhgef18	-2.48640274	0.06690043	-2.96927353	0.037265823	-3.36596459	0.03054913
1427567_a_at	Tpm3	-2.54000558	0.06164835	-2.96900941	0.037805486	-2.87550763	0.05083669
1447625_at	E2f5	-2.74555599	0.04491582	-2.96773718	0.037364439	-3.01785467	0.04443946
1416191_at	Sec61a1	-2.70939674	0.04892667	-2.96570822	0.039030675	-3.49567647	0.02737249
1431630_a_at	Klf3	-2.32356499	0.0865343	-2.96541702	0.037970112	-3.46330633	0.02831832
1417308_at	Pkm2	-4.29101814	0.00876972	-2.96485182	0.037522013	-2.98994718	0.04457965
1450113_at	Mpp5	-3.53725036	0.0174645	-2.96335883	0.037802747	-1.73454628	0.33861679
1451821_a_at	Sp100	-2.95333839	0.03378197	-2.96155867	0.037568922	-2.82808732	0.05503375
1447314_at	---	-1.21752101	1.03868723	-2.96094289	0.036747141	-4.17040261	0.01494305
1420893_a_at	Tgfb1	-3.57136355	0.01674227	-2.95669412	0.038679012	-2.77627408	0.06136899
1432262_at	Fam63a	-3.14091159	0.02616719	-2.95659848	0.037383059	-3.08032662	0.0408134
1447198_at	Recql	-2.91870486	0.0356242	-2.94902557	0.038601485	-2.8480971	0.05477118
1431820_at	4632404H12	-2.26403041	0.0945795	-2.94476669	0.037609512	-3.17978304	0.03783102
1452490_a_at	Ap2a2	-3.57588003	0.01625541	-2.94031013	0.03908867	-3.1626597	0.03811321
1427408_a_at	Thrap3	-2.31547792	0.08773276	-2.9397633	0.039029484	-2.39133293	0.10151163
1450269_a_at	Pfkl	-3.61097892	0.0156674	-2.93560936	0.039001233	-3.61616373	0.02408403
1418581_a_at	Limk2	-3.11679874	0.02736111	-2.92757271	0.038124224	-3.58995311	0.02466116
1448147_at	Tnfrsf19	-1.25786899	0.95296571	-2.92700795	0.038624535	-2.73541868	0.06190433
1421143_at	Diap1	-2.93965123	0.03419009	-2.92508794	0.041002415	-2.88538734	0.05046559
1459766_x_at	Sf1	-2.68735454	0.04888298	-2.9243007	0.038176179	-3.10556694	0.03993961
1448183_a_at	Hif1a	-2.99006463	0.03345254	-2.92427029	0.040898058	-1.66871395	0.40156021
1428585_at	Actn1	-2.3926621	0.07785546	-2.92009776	0.03904059	-7.3020506	0.00283688
1429462_at	Slc25a32	-2.5778947	0.05895038	-2.91993921	0.03982906	-2.89089926	0.05066734

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1431746_a_at	Uba3	-2.19265931	0.10487508	-2.91703292	0.040170524	-2.52943763	0.08268533
1416959_at	Nr1d2	-2.74976819	0.04761957	-2.91545287	0.041854935	-2.38814428	0.10453692
1427188_at	Arih1	-2.87528507	0.03746012	-2.91420022	0.041876485	-3.11284772	0.04076464
1426915_at	Dapk1	-4.02569163	0.01107649	-2.91191182	0.040060976	-3.00091336	0.04415629
1452328_s_at	Pja2	-2.70023506	0.0486887	-2.91021351	0.041006061	-2.7415276	0.06094064
1449520_at	Ttc28	-3.83348535	0.012325	-2.90770653	0.039143207	-1.85136155	0.25724559
1420684_at	Acox3	-2.77211735	0.04348028	-2.90688366	0.039191176	-3.22809566	0.03477184
1428071_at	1110038D17	-2.6100094	0.05614398	-2.90416818	0.039095355	-3.85721617	0.01849524
1417163_at	Dusp10	-2.07913005	0.13406716	-2.90323227	0.04072904	-3.46571975	0.02789313
1426850_a_at	Map2k6	-3.00900534	0.03111111	-2.9026018	0.041143201	-2.86938522	0.05200599
1451345_at	Mtap	-1.62022967	0.34026054	-2.90157925	0.041027811	-3.18054353	0.03706786
1443878_at	Rapgef6	-3.20431283	0.02599049	-2.89776379	0.041962175	-3.19636021	0.03811083
1424926_at	Sec63	-2.76228721	0.04488814	-2.894388	0.041001206	-3.03176585	0.04424208
1435142_at	Sft2d2	-2.20932909	0.10255398	-2.89341514	0.041590909	-2.900986	0.05045685
1451792_a_at	Pja1	-1.94764175	0.16727355	-2.89261303	0.041029056	-2.43604931	0.0945392
1421582_a_at	Creb1	-2.74186968	0.04705689	-2.88948023	0.042007084	-2.71744343	0.06441718
1427987_at	Safb2	-2.33797581	0.0835645	-2.88724793	0.040523114	-2.66206353	0.06836473
1430777_a_at	Golph3	-1.88245016	0.19086575	-2.88643086	0.041775924	-1.89381009	0.23035753
1420864_at	Zfp161	-3.17281485	0.02554839	-2.88637417	0.041048193	-2.96742863	0.04637821
1423053_at	Arf4	-2.19676417	0.10439951	-2.88182953	0.041532934	-2.03235158	0.18046643
1453742_at	Vps33a	-2.7674201	0.04460407	-2.87990589	0.042084806	-3.42957942	0.02893333
1448692_at	Ubqln4	-3.01975185	0.03095989	-2.87941353	0.041356543	-3.46567171	0.02787136
1422719_s_at	Nup50	-3.23000187	0.02408333	-2.8770893	0.041684588	-2.63626427	0.07088576
1422079_at	Prkch	-3.15801568	0.02569157	-2.87676691	0.042795322	-2.42729311	0.09517663
1452450_at	Atp8b2	-2.94696856	0.03383893	-2.87581659	0.042875437	-2.64923655	0.06951014
1423430_at	Mybbp1a	-3.03168179	0.03094964	-2.87301064	0.041883886	-4.56969644	0.0107027
1442332_at	---	-1.39653816	0.67501593	-2.8722374	0.041201923	-3.73338683	0.02228417
1425465_a_at	Senp2	-2.34244742	0.08443459	-2.86914656	0.043101045	-2.47908316	0.08915645
1423890_x_at	Atp1b1	-5.01794503	0.00440367	-2.86801321	0.041957547	-4.72240465	0.00957386
1456088_at	Xiap	-3.82069916	0.01328537	-2.86791381	0.044869467	-2.72530305	0.06683621
1431318_at	4833420G17	-2.30492264	0.08826843	-2.86620805	0.041426859	-2.78765753	0.05782197
1423598_at	Atp8a1	-2.53022673	0.06202925	-2.8657677	0.041789976	-2.41435307	0.09709827
1454731_at	Myo10	-2.418289	0.07452692	-2.8648541	0.042361927	-2.91915672	0.04852083
1425532_a_at	Bin1	-2.75948045	0.04431172	-2.86409961	0.041850534	-3.31414487	0.03231844
1420989_at	4933411K20F	-1.61248045	0.3806401	-2.86277972	0.043889528	-2.1355263	0.15943548
1429078_a_at	Cops7a	-3.06961631	0.02885246	-2.86190014	0.042920561	-2.87459425	0.05065657
1430890_at	2210010C17H	-3.88386126	0.01221939	-2.86185716	0.041738095	-2.72377336	0.06200358
1423298_at	Add3	-2.22080594	0.10021438	-2.86142409	0.042872093	-2.41284181	0.09717507
1419883_s_at	Atp6v1b2	-3.3508335	0.02116402	-2.86074321	0.042878788	-3.08183581	0.04078385
1421042_at	Arhgef2	-2.81910393	0.04081049	-2.85929935	0.042388235	-2.96737378	0.04589882
1436193_at	Man1c1	-1.92623893	0.17365735	-2.85900207	0.04265808	-2.8681126	0.05121364
1455924_at	Rab6b	-2.05010339	0.14356018	-2.85825903	0.044334862	-2.14423298	0.15579584
1438475_at	AB124611	-1.51050923	0.45781822	-2.85813686	0.042882147	-3.98574662	0.01698574
1425592_at	Tnpo2	-2.84448341	0.03995175	-2.85745676	0.043713956	-2.88800185	0.05152305
1421909_at	Tcf20	-2.37197697	0.0801373	-2.85681972	0.041952663	-2.41733095	0.09616318
1434783_at	Tmem106c	-2.48823601	0.06713178	-2.85275002	0.043709677	-3.21143553	0.0354345
1434246_at	L3mbtl3	-2.96228408	0.03352861	-2.85010486	0.043283237	-2.7334254	0.06150226
1437406_x_at	Igfbp4	-2.31423173	0.08771631	-2.84727795	0.043174971	-12.8279909	0.0005

Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1421958_at	L1cam	-2.76826745	0.04489314	-2.84570938	0.044439359	-2.64938652	0.07163383
1451363_a_at	Dennd2d	-1.02561078	1.18880249	-2.84284085	0.042464789	-4.78625855	0.00923529
1450212_at	Fmnl1	-2.6663848	0.05082292	-2.84241065	0.042579132	-2.54655169	0.08261923
1417631_at	Mknk1	-2.52050882	0.06297738	-2.84126816	0.043298611	-2.59015781	0.07833464
1424554_at	Ppp1r8	-3.04863127	0.02927835	-2.83997192	0.043464203	-3.0772287	0.04078759
1430275_a_at	Aqr	-1.7170674	0.27352716	-2.83957825	0.044510251	-2.45525295	0.0915568
1458429_at	Arhgap30	-4.0687388	0.01068768	-2.8389288	0.044452055	-3.54021423	0.02574163
1454288_at	5830468K08f	-2.47153956	0.07164017	-2.83832541	0.046314607	-2.06298739	0.1849936
1419023_x_at	Eno1 /// Gm5	-2.66041258	0.05178645	-2.83264538	0.04423651	-3.54847711	0.02566613
1448042_s_at	Rnf2	-1.85837502	0.20193406	-2.83154934	0.043097448	-2.45169016	0.09306463
1460745_at	A630098A13	-2.44231903	0.07245424	-2.8302935	0.044401368	-2.35056352	0.10548267
1451057_x_at	Dnm2	-2.81251346	0.04028881	-2.82888788	0.043908046	-3.03389257	0.04354023
1433621_at	Wdr41	-3.84858115	0.01235589	-2.82848921	0.044545455	-2.58542538	0.07688434
1442025_a_at	---	-2.55905591	0.06159926	-2.82700937	0.044434286	-3.38770128	0.03126062
1459649_at	---	-2.57777855	0.06044986	-2.8232724	0.04680663	-2.56563036	0.08518903
1434077_at	Wdr37	-2.9342294	0.035	-2.81689672	0.046164229	-2.24095187	0.12625624
1421972_s_at	Hcfc1	-2.85252263	0.03756127	-2.8165583	0.04441008	-2.66314934	0.0679006
1450273_at	Il1rl2	-2.43083168	0.07534091	-2.81536115	0.046662959	-2.76828024	0.06183618
1438860_a_at	Slc44a2	-3.38698516	0.01921642	-2.81245822	0.045022676	-4.10953929	0.01564551
1428914_at	Sh3pxd2a	-3.07009862	0.02906667	-2.81132452	0.044493743	-1.90766124	0.22361749
1433804_at	Jak1	-1.54638012	0.44050146	-2.8103601	0.046599777	-3.17209285	0.03831266
1423018_at	Kcna3	-3.62994243	0.01528761	-2.81025621	0.045480226	-2.69091471	0.06698536
1449029_at	Mknk2	-2.15987577	0.1119056	-2.80993807	0.045778781	-2.2526034	0.12350956
1416797_at	Nck2	-2.0745954	0.13597567	-2.80878267	0.046825221	-2.43714992	0.09579054
1443192_at	Themis	1.5934974	0.56218452	-2.80875996	0.045130238	-7.01580346	0.00314103
1435861_at	Ppfia1	-2.94990126	0.03443409	-2.80845496	0.046042841	-2.90427218	0.04956879
1430829_s_at	Fto	-2.93788923	0.03544631	-2.80456107	0.04867247	-2.43618721	0.0972189
1438205_at	1110014N23	-2.65584018	0.05197746	-2.80416907	0.046363636	-3.00492365	0.04441834
1419660_at	1600012F09f	-2.57083437	0.05981132	-2.80199944	0.046744186	-3.37116366	0.0308777
1426975_at	Os9	-2.29326011	0.08915811	-2.80086995	0.04647651	-2.50673589	0.085631
1452297_at	Ccnt2	-2.41163237	0.075536	-2.79914263	0.046326988	-2.65830198	0.07010888
1425940_a_at	Ssbp3	-3.73262782	0.01383529	-2.79839898	0.0465625	-2.69138105	0.0658941
1458636_at	Rnf219	-2.78573238	0.04252347	-2.79834079	0.046446927	-2.8278325	0.05417808
1433974_at	Sephs1	-2.67985511	0.05116303	-2.79831816	0.046986755	-2.73721736	0.06200717
1417831_at	Smc1a	-2.18704565	0.10917661	-2.79792702	0.047216722	-2.40778794	0.09954218
1429886_at	Ltn1	-2.6272224	0.05503976	-2.79784945	0.048675353	-2.81070752	0.05733587
1455892_x_at	---	-2.39656267	0.07749409	-2.79571378	0.04606982	-1.67750454	0.36597555
1427565_a_at	Abcc5	-2.49596032	0.06557692	-2.79532301	0.04707828	-2.79339579	0.0577346
1419122_at	Mettl1	-1.93552955	0.1712298	-2.79443832	0.045260181	-3.83862155	0.01899811
1454144_a_at	Ccnc	-2.37176872	0.08370812	-2.79222139	0.049046587	-2.7951454	0.06087076
1450849_at	Hnrnpu	-2.22170408	0.10081658	-2.78584824	0.047296703	-2.55640545	0.08033179
1417775_at	Polr1a	-2.25593682	0.09445395	-2.78406263	0.048400876	-3.0175688	0.04380298
1428909_at	A130040M12	-2.20745394	0.10205955	-2.78395006	0.046703663	-4.08145438	0.01590517
1420621_a_at	App	-2.1846972	0.11575	-2.78389217	0.049556962	-4.04781494	0.01671458
1416798_a_at	Nme4	-1.0839263	1.14365427	-2.78265426	0.049258475	-2.88035507	0.0547179
1456620_at	Gnptab	-1.65164275	0.31907858	-2.78151651	0.046547884	-2.67501442	0.06659189
1417216_at	Pim2	-2.34334061	0.08484203	-2.77880898	0.04740944	-3.61614284	0.02403035
1421832_at	Twsg1	-3.5226757	0.01727642	-2.77774982	0.04865867	-2.35123162	0.10755365

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1425051_at	Isoc1	-2.52070683	0.06402667	-2.77633822	0.04869281	-1.95812564	0.20455194
1436039_at	Cmah	-1.78644727	0.23485549	-2.77447217	0.046711111	-2.80177933	0.05642994
1431233_at	Cnnm4	-1.46170279	0.53760599	-2.77358127	0.046762749	-1.88044616	0.24085181
1420629_a_at	Dnaja3	-2.7837571	0.0428103	-2.77238637	0.047894737	-3.10706696	0.03963504
1450457_at	Cbl	-3.83580665	0.0129803	-2.7709679	0.049099678	-2.92394262	0.05023398
1426229_s_at	Kras	-2.08128808	0.13212709	-2.77088467	0.048557377	-2.96028621	0.04715197
1417975_at	Kpna4	-2.51375666	0.0662228	-2.76923982	0.049059829	-2.61944288	0.07599524
1450392_at	Abca1	-2.83394154	0.03935445	-2.76737854	0.04715859	-2.75383095	0.06046083
1417792_at	Zfml	-3.12442707	0.0272093	-2.76695018	0.048391685	-2.30522356	0.11451613
1450933_at	Pde7a	1.47674255	0.65868459	-2.76650909	0.049120172	-1.98884613	0.20255888
1452688_at	Prpf39	-1.83968233	0.20986635	-2.76123115	0.049069519	-2.13490469	0.15127165
1421320_a_at	Qtrtd1	-2.48616722	0.06806175	-2.76113865	0.049047619	-2.48683077	0.08927233
1433465_a_at	Al467606	-3.33094916	0.02075812	-2.75964623	0.048882863	-2.62757753	0.07135425
1424300_at	Gemin6	-2.33680389	0.08641931	-2.75921269	0.049009585	-3.3524636	0.03152758
1451640_a_at	Rsrc2	-1.97042249	0.16157796	-2.75750786	0.049016216	-2.45445038	0.09213986
1433725_at	Acvr1b	-2.6057855	0.05665029	-2.75472506	0.048679039	-4.2535822	0.01383333
1457009_at	Rhobtb3	-2.39081638	0.08006107	-2.75365598	0.049018143	-2.09661699	0.16340525
1435323_a_at	Mboat1	-1.21140113	1.05491866	-2.75350965	0.048963283	-4.42778959	0.01198966
1425206_a_at	Ube3a	-2.75863898	0.04800866	-2.75303255	0.052312436	-3.12046638	0.04283565
1430976_a_at	Mrpl9	-2.29418754	0.08935109	-2.75300711	0.049057816	-2.65038755	0.06913633
1435240_at	Baz2b	-2.94715581	0.03525974	-2.7516812	0.048706522	-1.10584051	1.16783416
1453960_a_at	Capzb	-2.0498713	0.13742122	-2.75162398	0.049085038	-2.19882583	0.13429333
1459771_x_at	Acer3	-2.21355722	0.10178993	-2.75093427	0.049747102	-2.643431	0.06979009
1425561_at	Trnt1	-1.9347471	0.17283415	-2.74995879	0.049093851	-2.58196599	0.07690551
1423010_at	Sacs	-2.18301191	0.10683673	-2.74866293	0.050062959	-2.15873327	0.14481575
1450472_s_at	Smad3	-3.22679069	0.02506536	-2.74845336	0.0490625	-3.03665919	0.044
1451839_a_at	Pde7a	1.45449836	0.63670192	-2.74807872	0.049109226	-1.62240987	0.44257793
1442202_at	Hjrp	-2.06435344	0.14109568	-2.74398006	0.049075269	-2.53792599	0.0838997
1422017_s_at	4833439L19F	-3.27880855	0.02305085	-2.7435363	0.049597884	-3.67389824	0.02322807
1416463_at	Caprin1	-2.61976971	0.05587364	-2.74301022	0.050220126	-2.3749794	0.10235332
1425628_a_at	Gtf2i	-1.19664896	1.08230918	-2.74174615	0.049118896	-3.31939427	0.03200561
1419206_at	Cd37	-4.60289011	0.00646388	-2.73881155	0.049172932	-3.37156871	0.03018841
1419931_at	Abcb7	-2.41284181	0.07522617	-2.7386755	0.053096447	-2.0119066	0.18918828
1451773_s_at	Polr3f	-1.52429979	0.4726715	-2.73828321	0.050532915	-1.8228763	0.29296558
1416706_at	Rpe	-2.19191725	0.1082177	-2.73779293	0.050665973	-2.18983677	0.14069251
1429045_at	Smurf2	-1.73502326	0.26140953	-2.73695175	0.049684543	-2.81493186	0.05508687
1418194_at	Galnt10	-2.70745683	0.04817495	-2.73187852	0.049061834	-3.12042672	0.03966143
1449078_at	St3gal6	2.26335832	0.30316567	-2.73011174	0.050717256	-6.55731409	0.00335196
1422218_at	P2rx7	-2.67415236	0.05149223	-2.72931075	0.050021008	-2.86406983	0.053294
1454632_at	Tmem229b	-2.91688128	0.03595934	-2.72919725	0.050694301	-3.82027546	0.01962756
1429655_at	Nudcd1	-3.17597965	0.02622257	-2.7291405	0.050695742	-3.36549023	0.03107296
1426423_at	Shmt2	-3.13162905	0.02654147	-2.72844381	0.048968085	-3.59976651	0.02441667
1440346_at	Kdm6b	-1.39904109	0.65248681	-2.72739439	0.049577167	1.00069801	1.19844073
1433496_at	Glts2d1	-2.67308677	0.050347	-2.72197094	0.048969182	-3.29627513	0.03283356
1460118_at	---	-2.31434669	0.09912102	-2.71961042	0.057544854	-4.11057438	0.01638254
1419258_at	Tcea1	-2.29931905	0.08875	-2.71827547	0.049705263	-2.44659731	0.09306944
1422321_a_at	Sf1	-2.7138168	0.04732824	-2.71780761	0.049545935	-2.93458874	0.04717021
1436508_at	Mlec	-2.65181782	0.05298193	-2.71674973	0.051168563	-3.17464807	0.03757269

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1431235_at	LOC10050333	-2.64247227	0.05415753	-2.71070541	0.050705394	-2.86407314	0.05307009
1440482_at	Vps13a	-2.16954373	0.11362039	-2.71053318	0.052584615	-2.56765553	0.08162577
1436519_a_at	1110057K04	-3.85132089	0.01288889	-2.7098882	0.053407482	-3.69880267	0.02318739
1416573_at	Pofut2	-2.56567482	0.05922127	-2.70918391	0.050513089	-2.84762334	0.0532185
1458509_at	---	-2.04301293	0.14286224	-2.70779465	0.050751566	-1.88415589	0.24093728
1441177_at	---	-3.12645626	0.02954612	-2.70737238	0.054965787	-3.75867281	0.02319859
1458465_at	Pan3	-1.97775219	0.15733902	-2.70720974	0.050481172	-1.93010143	0.21537696
1450105_at	Adam10	-2.33011313	0.087149	-2.70581837	0.054245754	-1.92843431	0.22044453
1437405_a_at	Igfbp4	-2.27408051	0.09232465	-2.70444645	0.051115702	-34.4673466	0
1435647_at	Ikbkg	-3.75255097	0.01400932	-2.70440584	0.05314664	-3.55473415	0.025824
1434784_s_at	Tmem106c	-2.53653664	0.06293852	-2.70394349	0.050708333	-2.49203616	0.08769119
1437841_x_at	Csd2	-2.7680468	0.04470124	-2.70390288	0.05304791	-2.56500801	0.08180916
1422972_s_at	Kat2a	-3.2787934	0.02211073	-2.70342812	0.050709072	-5.00676937	0.00814935
1416739_a_at	Brap	-2.32618634	0.08741797	-2.70330945	0.052170782	-3.32119324	0.0319888
1424417_at	Vps36	-2.31918836	0.08755131	-2.70000111	0.052655771	-2.26369564	0.12308385
1434209_at	Prmt6	-2.50001774	0.06471781	-2.69814584	0.05115942	-2.7339528	0.06131341
1425474_a_at	Vps39	-2.52131551	0.06375558	-2.69754433	0.051391753	-2.41364193	0.09718085
1421986_at	Eif4e2	-2.97065967	0.03323691	-2.69753809	0.052173018	-2.49776601	0.08713972
1421839_at	Abca1	-2.9664415	0.03357435	-2.69551948	0.053959799	-2.48774452	0.08988514
1416355_at	Rbmx	-1.96930286	0.18098958	-2.69259081	0.055797101	-2.68041243	0.07345907
1448581_at	Zfp346	-1.92291057	0.17477394	-2.69167955	0.05125903	-2.40932943	0.09805281
1447967_at	Tmem69	-2.42060051	0.07628481	-2.69121938	0.053957916	-3.27472782	0.03456349
1459644_at	C2cd3	-2.63596583	0.05385385	-2.69042981	0.053461538	-2.59653319	0.07511517
1450402_at	Med1	-2.30596934	0.09011557	-2.69008794	0.054734252	-2.31643842	0.11497616
1418195_at	Galnt10	-2.89353214	0.03590331	-2.68933908	0.053092574	-3.57547934	0.02516287
1449642_at	---	-1.69960952	0.30535348	-2.68545833	0.054341317	-2.82713021	0.05778727
1460665_a_at	Cnot7	-1.49990383	0.47737087	-2.68519154	0.053776435	-1.89112536	0.23283183
1454663_at	Eif5	-2.03830037	0.14102009	-2.68364096	0.053292806	-2.58484302	0.07586508
1434036_at	Mtss1	-2.1165384	0.12320946	-2.68304577	0.052561475	-2.56956949	0.07692066
1419155_a_at	Sox4	-2.82524308	0.04070659	-2.6824941	0.052579324	-2.86690679	0.05219124
1447101_at	Rnf122	-2.60181491	0.05684314	-2.68216564	0.052566462	-3.09387162	0.04073141
1422861_s_at	Pdlim5	-2.25216626	0.10238714	-2.67992631	0.055642023	-2.69677159	0.06923077
1450016_at	Ccng1	-3.19219769	0.02593997	-2.67961364	0.054623762	-2.43941464	0.0973231
1434359_at	Fam65b	-2.31319999	0.08776989	-2.67937219	0.052402464	-3.14983226	0.0383354
1416113_at	Fkbp8	-3.32976801	0.02116071	-2.67915243	0.053103448	-3.27447057	0.0336228
1454721_at	1110018G07	-3.90733964	0.01183727	-2.67896673	0.05557711	-2.52737837	0.08404207
1450478_a_at	Ptpn12	-2.31064934	0.08800844	-2.67876558	0.053679435	-2.58447874	0.07656126
1451464_at	Mfap3	-2.09400516	0.12708102	-2.67635594	0.054386839	-2.38913769	0.10140362
1426837_at	Metap1	-1.86690476	0.19660773	-2.67561091	0.053340061	-2.07296152	0.1681877
1439035_at	Zfp322a	-2.16077672	0.111875	-2.67549346	0.052642857	-2.37594263	0.10246976
1429979_a_at	Slc38a10	-2.37074419	0.08119426	-2.67523384	0.054638256	-2.62513206	0.07362179
1420970_at	Adcy7	-2.56297902	0.05981096	-2.6728737	0.054174174	-2.8225256	0.05478723
1451730_at	Zfp62	-1.50644883	0.47657137	-2.67093833	0.05472167	-2.05968208	0.17674009
1451543_at	Fbxo21	-1.82500869	0.21627242	-2.67012695	0.053393939	-2.18739434	0.13655772
1430571_s_at	Armc6	-2.00868081	0.15395349	-2.66985859	0.055572816	-3.10193474	0.04078031
1448193_at	5730403B10	-2.55523917	0.06098881	-2.66980308	0.053099593	-2.80113853	0.05670498
1424500_at	Utp6	-2.38623313	0.07928958	-2.6671704	0.05468719	-2.36148603	0.10465087
1424658_at	Taok1	-2.34504401	0.0853981	-2.66712418	0.054941406	-2.19613996	0.13880293

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Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1436923_at	Rab2b	-2.37092222	0.0808067	-2.66638172	0.055597668	-2.48074481	0.08998562
1448332_at	Pex19	-2.30715511	0.08834258	-2.66521146	0.053901705	-2.76923023	0.05963585
1422994_at	Pikfyve	-2.81313411	0.0414218	-2.66388783	0.054575099	-3.15842066	0.03825377
1417236_at	Ehd3	-1.13294933	1.15950921	-2.66328779	0.053935743	-4.11106828	0.01562914
1415807_s_at	Srsf2	-1.90942511	0.18187203	-2.6632601	0.054472112	-2.76245954	0.05967381
1421889_a_at	Aplp2	-2.75474733	0.04544036	-2.66151002	0.056692161	-1.94436625	0.2153491
1460599_at	Ermp1	-2.774844	0.0446509	-2.6613194	0.057996255	-2.31952865	0.11640284
1451928_a_at	Rad18	-2.68560414	0.05074113	-2.66023126	0.054990215	-2.53002505	0.08420582
1427982_s_at	Syne2	1.58163679	0.53723984	-2.66017594	0.053903421	-2.05175955	0.17412371
1418017_at	Pum2	-2.48115466	0.06862275	-2.6578168	0.054941176	-2.60065796	0.074016
1423557_at	lfng2	-1.73824728	0.26106702	-2.65523276	0.054672619	-2.67458181	0.06740964
1449156_at	Ly9	-2.54186369	0.06227561	-2.65399687	0.05423	-3.37064962	0.03037627
1416550_at	Slc35b4	-2.31156511	0.08802807	-2.6539754	0.054619941	-2.91341254	0.04928719
1420976_at	Man1a2	-2.48491241	0.06804627	-2.65377306	0.054768473	-2.89971277	0.05049645
1448569_at	Mlec	-3.11485499	0.02727975	-2.6531661	0.054696517	-3.13451015	0.03882064
1460205_at	Dcakd	-3.30527811	0.02121479	-2.64951201	0.054906771	-2.91959178	0.04818086
1449966_s_at	Cab39l	-2.5322415	0.06466312	-2.64841646	0.055639535	-3.06924753	0.04184579
1417658_at	LOC1000461	-2.86141748	0.0369802	-2.64765473	0.054723866	-3.52461334	0.0264139
1418636_at	Etv3	-2.27856154	0.09297674	-2.64750486	0.054719764	-2.2927568	0.11810575
1439075_at	Polr3f	-1.23857537	0.99911949	-2.64541061	0.055585673	-1.46960829	0.66832494
1435491_at	LOC620419	-3.24899457	0.02278157	-2.64464364	0.054936337	-3.10623791	0.03974545
1417930_at	Nab2	-4.65502312	0.00616601	-2.64422205	0.054619189	-2.74865023	0.06015741
1448616_at	Dvl2	-2.42243004	0.07532154	-2.64190758	0.056708134	-2.76025203	0.06191031
1431018_at	1810013L24F	-2.05979867	0.14060465	-2.640925	0.05976916	-2.03189145	0.18767422
1448501_at	Tspan6	-3.025482	0.03114123	-2.64008614	0.055590244	-1.49319233	0.64094769
1431431_a_at	LOC1000457	-2.82993059	0.04061151	-2.63881766	0.056030829	-2.56207315	0.08131236
1439158_at	Tlk1	-1.80740523	0.22379918	-2.63829338	0.055536062	-2.29570935	0.11599171
1427110_at	Raver1	-3.22489383	0.02357383	-2.63828728	0.054734774	-2.60412133	0.07303079
1418041_at	Tmem186	-1.6332889	0.34352439	-2.63788194	0.056391555	-2.37727697	0.1028959
1451477_at	Gm13139	-2.98473256	0.03269071	-2.63733652	0.055608569	-2.46630576	0.0908404
1440629_at	Etf1	-2.06039841	0.14020683	-2.63162392	0.056510067	-1.92789748	0.23811429
1428888_at	Tmem33	-3.0569508	0.03116477	-2.62990983	0.059127205	-2.44885666	0.09570656
1419138_at	B3galt4	-3.29883511	0.02246998	-2.62967893	0.05678128	-3.58063799	0.02549839
1420990_at	Chd1	-1.8402201	0.21031373	-2.62724061	0.055725338	-2.31395103	0.11185809
1453605_s_at	Ccdc91	-2.36065411	0.08262172	-2.62694622	0.056416907	-2.8489132	0.05475122
1450106_a_at	Evl	-2.54261554	0.06150874	-2.62671256	0.056323388	-5.20767109	0.00765125
1450087_a_at	Nolc1	-2.15711785	0.11316315	-2.62667918	0.055940212	-2.61709265	0.07232766
1441477_at	Calu	-2.64438701	0.05190184	-2.62522001	0.05758034	-2.08396108	0.1702152
1425930_a_at	Mlx	-2.80268253	0.04204009	-2.62255555	0.05707619	-3.32252104	0.03202247
1443964_at	Tmie	-3.45860039	0.01850485	-2.62231925	0.057615894	-3.05172155	0.04411832
1425106_a_at	Wars	-3.81146774	0.01312195	-2.61967287	0.057003817	-2.51594724	0.08514074
1445895_at	---	-3.00409409	0.03127298	-2.61906161	0.056442308	-2.91523058	0.04850418
1416421_a_at	Ssb	-1.51638911	0.4584034	-2.61868948	0.056685824	-1.92957751	0.2180452
1452714_at	Tanc1	-1.64700317	0.3391249	-2.61795143	0.058056075	-3.0043405	0.04492849
1423960_at	Lpcat3	-2.75110906	0.04442809	-2.6175976	0.057623106	-2.95242075	0.04595699
1431646_a_at	Stx6	-2.22440836	0.10025868	-2.61523695	0.057385932	-2.2654092	0.12277401
1431314_a_at	5830417110R	-2.65626055	0.05195496	-2.61436698	0.057440758	-2.75710969	0.06170886
1417587_at	Timeless	-2.48389066	0.06839897	-2.61391398	0.057117031	-2.87054897	0.05287413

Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1420845_at	Mrps2	-1.84066447	0.20817787	-2.61325275	0.057121068	-2.24270003	0.12615
1454250_at	Exoc6b	-2.55307927	0.06108736	-2.60928283	0.05754717	-2.46961018	0.09140339
1427468_at	Ppp3cb	-2.32608422	0.08680057	-2.60892113	0.057507056	-2.37430181	0.10242038
1426831_at	Ahcy1	-3.02266969	0.03092857	-2.60879455	0.057502374	-2.37055248	0.10233948
1455778_at	Zfp192	-2.23820162	0.0977842	-2.607514	0.057643192	-2.57778153	0.07642405
1453726_s_at	2810407C02f	-1.62484263	0.33775054	-2.60726098	0.058020638	-2.04767251	0.17593708
1431015_at	Tmem129	-2.81971627	0.04075179	-2.60703509	0.057476281	-3.20746828	0.03542044
1425050_at	Isoc1	-4.39931326	0.00832237	-2.60425069	0.062130553	-2.98760275	0.0484744
1416792_at	Ppm1g	-3.02176891	0.0309366	-2.60386262	0.057561205	-3.17873629	0.03716113
1424731_at	Nle1	-2.22247676	0.10023945	-2.60343851	0.057518797	-2.60259952	0.07315279
1415953_s_at	Mark2	-2.57411528	0.0591564	-2.6025875	0.057606032	-2.77671993	0.05833805
1439254_at	Akap13	-2.01315046	0.17800967	-2.601863	0.066269841	-2.83812868	0.05921275
1422131_at	Dcp1a	-2.87430203	0.03730627	-2.60005414	0.060615243	-2.67254023	0.06917447
1437616_x_at	Zdhhc14	-2.54172862	0.06154696	-2.59838462	0.057985005	-2.47963883	0.08920635
1418341_at	Rab4a	-1.68294536	0.2933816	-2.59759828	0.059583333	-2.58760666	0.0771451
1438171_x_at	Mettl9	-1.62172777	0.34528678	-2.59425747	0.058072965	-2.40791033	0.0972485
1424997_at	Sfswap	-2.74546718	0.04586932	-2.59329561	0.059033457	-2.17040107	0.14131443
1422279_at	Fv1	-2.48983476	0.0670431	-2.59324767	0.058552754	-2.16139088	0.14242564
1420039_s_at	Cbx7	-2.5039458	0.06538529	-2.5920047	0.058563433	-2.48442731	0.09042113
1421067_a_at	Phf2	-2.04549735	0.14265745	-2.59110354	0.061687956	-2.21775757	0.13125609
1438566_at	St8sia6	-3.31294289	0.02142105	-2.59065757	0.058948837	-4.6866379	0.00974576
1440937_at	Rbm41	-2.77030535	0.04459368	-2.59058873	0.059565217	-2.82489061	0.05737846
1429592_at	Lhfp13	-2.07967295	0.13072905	-2.58883258	0.058910615	-3.89266088	0.01820663
1453748_a_at	Kif23	-2.33095852	0.08817039	-2.58835111	0.063141314	-1.47494722	0.6626864
1453754_at	S100pbb	-2.53003674	0.06414374	-2.58798335	0.061461187	-2.36537403	0.10484735
1423522_at	Npm3 /// Np	-3.67829367	0.01563596	-2.58612439	0.063494624	-5.6523338	0.00580913
1423128_at	Aip	-2.93683389	0.03452128	-2.5845922	0.05952734	-2.98809635	0.04491731
1448630_a_at	Sdhc	-3.34864321	0.02012821	-2.58382197	0.058956198	-3.2350582	0.03460131
1433596_at	Dnajc6	-1.23097517	1.00993002	-2.58066284	0.059230056	-1.56260882	0.4868819
1450010_at	Hsd17b12	-2.01605267	0.15037838	-2.58046906	0.061072411	-2.52132717	0.08568685
1431039_at	Otud4	-2.67845613	0.04984144	-2.57822231	0.059778189	-2.75040995	0.06084559
1435271_at	Irf3	-2.51628442	0.06526778	-2.5763525	0.060404784	-2.92077252	0.04927909
1423026_at	Rad51c	-2.36556806	0.08085301	-2.57545381	0.060414747	-2.57524853	0.07660348
1419694_at	St8sia1	-1.24541653	0.98176368	-2.57335115	0.060258303	-4.24258432	0.01435597
1436585_at	BB182297	-2.96523203	0.03450199	-2.57238218	0.062168784	-2.89066215	0.05298419
1421383_at	Ccdc82	-1.60860488	0.35518826	-2.57051067	0.061096892	-1.73304006	0.33722684
1430835_at	Ccdc125	-1.79774077	0.2473038	-2.56873845	0.062346014	-1.92842762	0.23101959
1435584_at	A630033H20	-2.02144694	0.1461744	-2.56652859	0.060523897	-3.44440153	0.02838855
1430129_a_at	Commd8	-1.08795333	1.19122059	-2.5650495	0.060368324	-2.91970309	0.04828961
1438051_at	Ttc14	-1.59649717	0.38700543	-2.56391778	0.062563177	-2.14429738	0.15230845
1428502_at	Actr6	-2.23397029	0.09816549	-2.56382004	0.061108059	-2.85354438	0.05230387
1433825_at	Ntrk3	1.19737357	0.93163528	-2.56096346	0.060807339	-4.63301601	0.01022222
1460376_a_at	Cox15	-2.64404183	0.0538978	-2.55892879	0.062858431	-2.2499844	0.12803072
1434707_at	Sbf1	-2.42957674	0.0735596	-2.55846766	0.061061299	-2.34534474	0.10557001
1454857_at	Rnf122	-2.33642328	0.08574964	-2.55842629	0.062316742	-3.80274623	0.01955224
1430980_a_at	Eif4a1	-1.75509607	0.2536522	-2.55823713	0.0621	-2.71048308	0.06421793
1429690_at	1300003B13f	-2.36309615	0.08176338	-2.55729454	0.063072072	-2.76030624	0.06095803
1450253_a_at	Map3k4	-2.33680119	0.08504035	-2.55687211	0.062357724	-2.11776866	0.15566376

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1425270_at	Kif1b	-1.221707	1.03779036	-2.55642612	0.061868733	-3.28584251	0.03378049
1421455_at	Sntb1	-2.06359997	0.15384803	-2.55563771	0.07082483	-2.0480534	0.20039984
1451794_at	Tmcc3	-2.35905655	0.08294162	-2.5552067	0.062332731	-2.36664776	0.10318868
1433497_at	Aqr	-1.95714412	0.1637939	-2.55426817	0.061929026	-3.08482789	0.04078478
1434908_at	Scaf1	-2.49292878	0.06500441	-2.5495748	0.063138489	-2.76179582	0.05972015
1431197_at	Atl2	-1.68244188	0.29822388	-2.54849702	0.063303411	-2.14382429	0.15026355
1456288_at	Sfn5	-1.67959492	0.33575417	-2.54616927	0.068373702	-2.74480438	0.06442795
1417235_at	Ehd3	-1.01079937	1.18562979	-2.54609574	0.06208901	-4.03075939	0.01630802
1428396_at	Smurf1	-2.7467774	0.04524554	-2.54247749	0.063613596	-2.95778052	0.04628755
1418230_a_at	Lims1	-1.51637685	0.48920308	-2.54127646	0.066242263	-1.86917071	0.26234605
1425544_at	Plekha5	-2.05558163	0.13686842	-2.53939825	0.063607878	-2.4045829	0.09934469
1460120_at	Ablim1	-2.20547081	0.10378146	-2.53910783	0.063488789	-1.79476713	0.2958564
1454734_at	Lef1	-2.57519795	0.05882521	-2.53438084	0.063189578	-3.74608422	0.02081967
1437888_at	Wnk1	-2.36717276	0.08163019	-2.53307536	0.065477252	-2.3287649	0.1113253
1432384_a_at	Mettl6	-2.44358338	0.07384046	-2.53037873	0.066179078	-1.96746549	0.21230889
1436780_at	Ogt	-2.626664	0.057343	-2.5275886	0.070902954	-2.93584676	0.05195804
1459741_x_at	Ucp2	-3.44488702	0.01853565	-2.52672152	0.064825737	-2.98236465	0.04549784
1419032_at	2610018G03	-1.2059332	1.06353279	-2.52607067	0.065142857	-2.75060695	0.06110909
1420906_at	Cd2ap	-2.45716261	0.07128463	-2.52457114	0.066652021	-2.89752947	0.05108761
1450403_at	Stat2	-4.02244213	0.01112045	-2.52439324	0.065855615	-2.6535554	0.06917657
1438220_at	Foxj3	-1.57351035	0.38413528	-2.52378964	0.066240071	-1.74870468	0.31523768
1450471_at	Smad3	-2.18812476	0.10589264	-2.52164468	0.06661674	-2.76280741	0.06081877
1453123_at	Sf3b2	-2.61398344	0.05483582	-2.51961796	0.065978648	-2.09067673	0.1691801
1432236_a_at	Suv39h1	-2.30925635	0.08816655	-2.51939675	0.06616341	-3.20413144	0.03637066
1444507_at	Usp53	-1.74944422	0.25127448	-2.51647047	0.066008889	-2.18592161	0.13917665
1415977_at	lsyna1	-2.53930437	0.06221818	-2.51588911	0.066801052	-3.06942482	0.04141509
1431000_at	Ccdc75	-2.21870573	0.10165732	-2.51573216	0.066274336	-2.24114087	0.12726171
1419682_a_at	2810408M09	-2.55746885	0.0615427	-2.51532822	0.066534741	-2.21415569	0.13284103
1424195_a_at	Inpp5d	-2.7278576	0.04642778	-2.51519165	0.065877115	-2.56172983	0.07907537
1452581_at	Rprd1b	-3.61072864	0.01598698	-2.51382636	0.066193434	-2.97680558	0.04545946
1421491_a_at	Tmem49	-2.1942836	0.10521212	-2.51294658	0.066245583	-1.90074501	0.23046943
1423170_at	Taf7	-1.16359177	1.12317848	-2.51193651	0.068006963	-1.4158908	0.74545019
1443976_at	Cdk5rap2	-2.32431135	0.08654848	-2.50964505	0.066833333	-2.33954558	0.10746626
1441602_at	Mfsd11	-3.1888399	0.02738462	-2.50634787	0.077584541	-2.9951467	0.04948823
1455095_at	Hist2h2be	-2.71936536	0.04838362	-2.5063276	0.068784483	-2.8364865	0.05663801
1416750_at	Sigmar1	-2.71193638	0.04830636	-2.50586437	0.066865149	-3.03721352	0.04344074
1426313_at	Bre	-2.11931054	0.12110165	-2.50495554	0.066315323	-2.16691115	0.14183453
1417123_at	Vav3	-1.97128996	0.16271415	-2.50391398	0.066593503	-2.06156507	0.17276404
1432529_at	Boll	-2.22439808	0.10198758	-2.50161539	0.067482517	-2.22717512	0.12871781
1431933_a_at	Dcp1a	-2.08800717	0.1295989	-2.50120216	0.067547993	-2.344356	0.10759339
1423054_at	Wdr1	-3.70894361	0.01437071	-2.50002641	0.067759372	-3.23408665	0.03473958
1456440_s_at	St8sia6	-3.51788909	0.01687243	-2.49887719	0.066558099	-4.92295653	0.00841615
1447530_at	F8a	-2.14571976	0.11820012	-2.49883677	0.069001721	-2.16973172	0.14623807
1425982_a_at	Wrn	-2.76437499	0.04488242	-2.4983201	0.068618307	-2.44587951	0.09471233
1423143_at	Gtpbp4	-1.7860717	0.2347012	-2.49816713	0.067580786	-2.28649854	0.1169777
1448560_at	Bid	-2.36507347	0.08179217	-2.49677359	0.066867892	-1.57688232	0.48143041
1429517_at	Zfyve20	-2.83811556	0.04032413	-2.49665821	0.069639175	-2.65445067	0.070266
1424717_at	Mis12	-2.61479589	0.05631527	-2.49633808	0.068046875	-2.81307562	0.05666986

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1429158_at	Fbxo28	-2.03580117	0.14360264	-2.49249682	0.068654012	-2.96196926	0.04756356
1419251_at	Eps15	-3.95529875	0.01177419	-2.4914259	0.068530683	-3.42310766	0.02890533
1441275_at	Kbtbd8	-2.62609359	0.05787704	-2.49091939	0.076995153	-3.24834155	0.03751899
1426605_at	Brcc3	-2.48140978	0.06878401	-2.4901368	0.070618644	-2.32540177	0.11558001
1430698_a_at	Pibf1	-2.13975161	0.11684758	-2.48892599	0.068095652	-2.28179366	0.1180814
1431708_a_at	Tia1	-1.64892411	0.32217257	-2.48851486	0.068344887	-1.80614034	0.27823397
1455084_x_at	Shmt2	-2.27771409	0.09139206	-2.48729335	0.068039896	-3.38353583	0.0300436
1452173_at	Hadha	-2.6359841	0.05278507	-2.48517366	0.067743902	-2.29304023	0.11643026
1425798_a_at	Recql	-1.99130379	0.15392214	-2.48329961	0.068105995	-2.20523642	0.13410256
1460064_at	BC028789	-1.98579496	0.16628715	-2.48310741	0.071808333	-3.18501831	0.03861557
1416110_at	Slc35a4	-3.19658177	0.02439669	-2.47686459	0.06838961	-3.78938835	0.01990741
1451252_at	Irf2bp1	-3.3510348	0.0208167	-2.47662711	0.069725557	-3.39142518	0.03011611
1422078_at	Akt3	-2.20065552	0.10384143	-2.47648406	0.069828767	-2.26864887	0.12077187
1418977_at	Sap30bp	-2.39852365	0.07812938	-2.4761894	0.068923342	-2.16013528	0.1433232
1456881_at	Nbeal2	-2.91064388	0.03544747	-2.47615793	0.069717224	-3.1043115	0.0408024
1432385_a_at	Agtbp1	-2.65304657	0.05264975	-2.47613505	0.069974359	-2.65474815	0.07038174
1416853_at	Ncdn	-3.26785356	0.02302876	-2.47506829	0.070170648	-3.60824758	0.02409396
1422119_at	Rab5b	-2.33511996	0.08559359	-2.47407059	0.069656652	-2.20122507	0.13457356
1435059_at	---	-1.26129581	0.93944938	-2.47347903	0.069294927	-2.3014876	0.11482985
1424142_at	Ikbkap	-2.08417054	0.12976464	-2.47257337	0.071286796	-2.54335586	0.08218917
1439121_at	H2-T10 /// H	-2.88598406	0.03633292	-2.47096287	0.070646809	-3.01513653	0.04446067
1418132_a_at	Ubfd1	-2.81555955	0.04213192	-2.47055756	0.071161616	-2.28247122	0.12098062
1423457_at	Slc35a5	-2.93633859	0.03478947	-2.46995256	0.071276238	-2.71541619	0.06586297
1441926_x_at	Tmie	-2.79773309	0.04306527	-2.46814702	0.070644614	-2.66049249	0.07035833
1432288_at	5830468F06F	-2.96081976	0.03350543	-2.46763098	0.071260504	-4.07019148	0.01595238
1418077_at	Trim21	-3.18100653	0.02544571	-2.46760818	0.070221654	-2.4725648	0.09003577
1428160_at	Ndufab1	-1.4474448	0.56432473	-2.46673602	0.070136635	-1.72387878	0.35866034
1439483_at	AI506816	-1.87091628	0.19570425	-2.46624308	0.069991446	-4.75318647	0.00945402
1438575_a_at	---	-2.39247414	0.07878011	-2.46530874	0.071736227	-2.51219479	0.08694791
1449978_at	Zfy2	-2.10049352	0.12650891	-2.46497554	0.070764656	-1.62745577	0.43111883
1425479_at	Smyd5	-1.71291671	0.27325008	-2.46360336	0.071104553	-2.08971327	0.16267075
1418768_at	Opa1	-2.23211548	0.09930794	-2.46301714	0.070945946	-2.44374994	0.0962542
1425832_a_at	Cxcr6	2.36581949	0.2848719	-2.46177686	0.070643522	-3.90263895	0.01817121
1448477_at	Chst12	-3.0844751	0.02812689	-2.46164889	0.070647359	-2.989512	0.04458797
1439226_at	Dock8	-2.56980698	0.06051643	-2.46140149	0.07115417	-2.43411107	0.09504431
1460717_at	Tspyl1	-1.61059266	0.35838152	-2.46103754	0.071734779	-2.23956986	0.12669244
1460188_at	Ptpn6	-1.6883336	0.28891917	-2.46019897	0.070704584	-2.39597026	0.09952972
1455930_at	---	-1.42169796	0.62851731	-2.46011371	0.088847007	-2.00879452	0.18994157
1451378_at	Utp6	-2.41447858	0.075358	-2.45922147	0.070651438	-2.55134265	0.08174445
1456029_a_at	Ttc7b	-2.0773366	0.13205613	-2.45771052	0.070786137	-2.46350944	0.09125879
1435889_at	Mark2	-4.0491853	0.01068571	-2.45705758	0.07136745	-3.28972427	0.0328022
1443781_at	Dgkd	-2.15302241	0.11583527	-2.45591109	0.072636816	-2.66206968	0.06976471
1452684_at	Akt1s1	-2.10211753	0.12709928	-2.45377562	0.071271967	-2.63166953	0.07113317
1421237_at	Tmpo	-2.41898753	0.07495935	-2.4537331	0.072485453	-1.8761411	0.24101582
1429038_at	Dda1	-2.18339779	0.10622744	-2.45280918	0.073366337	-2.62311308	0.07151565
1423039_a_at	Bzw1	-3.29670547	0.02191972	-2.4517723	0.071981682	-3.05390461	0.04197905
1434253_s_at	Tmcc3	-2.47856198	0.06878632	-2.44867844	0.071383068	-2.21169636	0.13039003
1458412_at	Zfp78	-2.18873911	0.10535237	-2.44752738	0.071331658	-2.80227783	0.05806055

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1457709_a_at	A930005H10	-2.42323054	0.07528792	-2.44717397	0.071714047	-4.08971885	0.01569869
1426394_at	Eif3j	-1.75416566	0.25445808	-2.44701849	0.071729323	-2.20773957	0.13280193
1454951_at	Zfp606	-2.60662552	0.05682041	-2.44643904	0.076326034	-2.28389818	0.11971148
1444182_at	2210010C17F	-3.55169247	0.01666667	-2.44618186	0.073904448	-2.6313564	0.07146502
1421828_at	Kpna3	-1.76476979	0.24892388	-2.44578061	0.073536686	-1.71916736	0.34827942
1452191_at	Prcp	-2.72931391	0.04684962	-2.44310917	0.071921797	-2.80777695	0.05647172
1421857_at	Adam17	-2.31337637	0.08804073	-2.44291726	0.073165289	-1.16742106	1.15183214
1420754_at	Ttf1	-2.14210372	0.11613426	-2.44286364	0.072672199	-2.30398022	0.11445906
1454905_at	Ibtk	-1.56927334	0.39846247	-2.44142197	0.073212221	-2.29324686	0.1166275
1421216_a_at	lds	-2.49073235	0.06698358	-2.43998115	0.072475083	-2.37738408	0.102
1422884_at	Snrpd3	-2.01847633	0.14620151	-2.43887644	0.072990886	-3.69843948	0.02228829
1447469_at	Ccdc66	-2.21543756	0.1014625	-2.43660377	0.07317053	-2.17125123	0.14078988
1428087_at	Dnm1l	-1.62013796	0.33964401	-2.43571725	0.073209264	-1.93350925	0.21737221
1436785_a_at	1110069O07	-2.50565595	0.06702422	-2.434952	0.083618012	-3.12222246	0.04080952
1450538_s_at	Cma2 /// Mc	-1.4956784	0.48210282	-2.43481979	0.08218921	-1.748333	0.33401283
1451746_a_at	Atg12	-2.083109	0.1313308	-2.43385519	0.074395062	-2.05243045	0.17632788
1457756_at	Zfp192	-2.36035414	0.0811912	-2.4333407	0.075269608	-2.3633091	0.1054731
1435566_s_at	Araf	-1.93432695	0.1723311	-2.42659218	0.074634347	-2.31760012	0.11243551
1427830_at	Zfp260	-1.91023041	0.18516992	-2.42502844	0.076744939	-1.64323255	0.42672659
1426988_at	Klhdc5	-3.06596239	0.02929099	-2.42500042	0.075960912	-2.99347247	0.04497802
1452331_s_at	Qser1	-3.11978152	0.02837594	-2.42385769	0.077610619	-2.26553221	0.12579065
1456412_a_at	Inpp5k	-3.53397459	0.01649049	-2.42375969	0.074573071	-2.63758332	0.070301
1422680_at	Ctr9	-3.02322146	0.03094421	-2.42312137	0.07590872	-3.07850874	0.04158824
1456486_at	Zfp574	-2.51875652	0.06385574	-2.42281066	0.078056225	-2.75542845	0.06005566
1449460_at	Asb13	-2.52128347	0.06388592	-2.42264553	0.075823817	-3.22782717	0.03502597
1418064_at	Tfpt	-3.04619507	0.02960526	-2.42204108	0.074889435	-2.9820477	0.04488987
1427404_x_at	Gm5506	-2.44807881	0.07179466	-2.42183403	0.07453125	-3.12802057	0.03883436
1451943_a_at	Ppm1a	-1.66655046	0.30355124	-2.41977013	0.074754098	-1.69062888	0.35315535
1452449_at	Hmbox1	-2.12570049	0.12	-2.4192139	0.074634947	-2.68466734	0.06593397
1453433_at	Wdr89	-2.28914683	0.0902038	-2.41920831	0.075090016	-3.64614011	0.02362847
1422133_at	Spn	-2.4429991	0.073788	-2.41913006	0.07708636	-2.99904534	0.04541532
1419679_at	Lats2	-2.22980879	0.10466993	-2.41904063	0.081600946	-2.63915302	0.07404629
1420661_a_at	4933439F18F	-2.50714714	0.06568063	-2.41757671	0.075477551	-3.05453266	0.04193023
1415828_a_at	Serp1	-2.49557109	0.06686308	-2.41477706	0.076491086	-2.01880981	0.18669202
1444201_at	Cep135	-1.81847825	0.2181003	-2.41366703	0.075322976	-2.41400166	0.09717726
1449296_a_at	Cnp	-2.66199587	0.05184883	-2.41305924	0.075899105	-2.68538387	0.0662565
1416794_at	Atl2	-1.77624017	0.24370934	-2.41201966	0.076241883	-2.05007497	0.17577145
1422854_at	Shc1	-2.70469953	0.0480973	-2.41021749	0.07598374	-2.38257782	0.10142857
1429591_at	Tacc1	-2.44676973	0.07375618	-2.40845561	0.080398089	-2.46551381	0.09329868
1450165_at	Slfn2	-1.90435177	0.18258412	-2.40777403	0.076279448	-3.01059783	0.04413636
1421004_at	Cep110	-2.57639417	0.05863985	-2.4061696	0.077542305	-2.39304634	0.09976532
1422999_at	Map3k14	-1.79941755	0.22833086	-2.4058305	0.078097913	-2.34728009	0.10557072
1434208_at	Rnf169	-3.60274531	0.01651709	-2.40408294	0.079240608	-2.43262117	0.09723447
1421071_at	Vhl	-2.41515369	0.07544872	-2.40288899	0.076790622	-2.40590554	0.10050715
1431213_a_at	Gm3579	-2.49613622	0.06605401	-2.40117685	0.080960317	-2.5768109	0.07836463
1451738_at	Ogt	-1.90189377	0.18366366	-2.40110196	0.077427419	-2.30083363	0.11417115
1426118_a_at	Tomm40	-2.31518904	0.08721147	-2.40081627	0.076682848	-3.1350099	0.03863861
1434301_at	Fam84b	-1.66686238	0.3232521	-2.39855413	0.079184	-3.28362642	0.03328804

Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1444164_at	---	-1.4870708	0.51476791	-2.39566857	0.079441341	-2.1696891	0.14325393
1444141_at	Snx13	-2.89960557	0.0369145	-2.39510959	0.081313291	-1.6836143	0.3710751
1415824_at	Scd2	-3.19890911	0.02570064	-2.39440135	0.082241379	-2.3928086	0.10232632
1436709_at	C230096C10F	-2.91286061	0.03624372	-2.39395605	0.081398104	-2.76901269	0.06099271
1427067_at	4933439F18F	-2.19070466	0.10658053	-2.39318181	0.081607565	-2.53525348	0.08232523
1436182_at	Satb1	-1.51799461	0.44418832	-2.39310992	0.077644695	-3.88437279	0.01815534
1439404_x_at	Zfa /// Zfx	-3.03713983	0.03153305	-2.39239952	0.082176977	-2.58202565	0.07989172
1434157_at	Txlna	-2.42373449	0.07447541	-2.39156776	0.07900641	-2.09977052	0.16095508
1424483_at	Mobkl1b	-2.26172731	0.09461387	-2.38692792	0.082187254	-1.9176574	0.22408299
1435320_at	Ctdspl2	-2.31977251	0.08811135	-2.38659429	0.081475927	-1.84667928	0.26694261
1437303_at	Il6st	-2.66515296	0.05170455	-2.38513898	0.079593625	-4.93285655	0.00845201
1448164_at	Klhdc3	-1.9562309	0.16283589	-2.3848056	0.078532478	-2.30080971	0.1144378
1420852_a_at	B3gnt2 /// Cd	-2.5232678	0.06473963	-2.38383327	0.083475232	-1.45212267	0.67633446
1449220_at	Gimap3	-2.87793365	0.03665423	-2.38358543	0.079031225	-2.36868004	0.10269328
1444478_at	Appl1	-2.42557479	0.07525765	-2.38313663	0.082268446	-1.88780097	0.23950657
1429117_at	Tradd	-2.65703703	0.05171665	-2.38174397	0.080667727	-2.48509901	0.08833212
1441974_at	Camk4	-3.87448618	0.01208763	-2.38150735	0.08858631	-2.82445008	0.05453125
1432218_a_at	Nol9	-2.20175916	0.10534912	-2.38137804	0.082235294	-2.45469141	0.09717914
1430205_a_at	Cdc37l1	-2.07699345	0.13713985	-2.38001665	0.084293395	-1.94803104	0.22300928
1433495_at	Glit25d1	-2.13387894	0.11810702	-2.37941733	0.079432907	-2.4433632	0.09310153
1429104_at	Limd2	-2.34824564	0.08361401	-2.37921118	0.079505582	-2.69910918	0.06429825
1427068_x_at	4933439F18F	-2.34408248	0.08384387	-2.37863405	0.081155978	-2.346586	0.10552322
1451351_at	Ttc13	-1.78581587	0.23603312	-2.37799113	0.080723946	-3.06187064	0.04114657
1449645_s_at	Cct3	-1.46932988	0.52361871	-2.37538824	0.081438735	-1.84733861	0.25724992
1428092_at	Cdc5l	-2.31578288	0.08777857	-2.37489709	0.081133122	-2.35055266	0.10548826
1460674_at	Paqr7	-2.57161559	0.05902765	-2.37265115	0.080746624	-3.26674762	0.03381916
1429545_at	Ube2i	-1.9103231	0.18417917	-2.37203725	0.083872209	-2.10637407	0.15912981
1428370_at	1500011B03F	-2.87053239	0.03712346	-2.37093865	0.081078509	-3.32528578	0.03176305
1429607_at	Trak2	-2.50424376	0.0665625	-2.36872382	0.08667426	-2.78464805	0.06024954
1422039_at	Tnfrsf22	-2.14956291	0.11569686	-2.36657941	0.083969231	-2.13319867	0.15378233
1450030_at	Dctn4	-2.22739383	0.09968928	-2.36591241	0.083929122	-2.01070533	0.18641254
1423932_at	Celf1	-2.08151651	0.13273509	-2.36458172	0.083796296	-2.28207309	0.12001728
1423501_at	Max	-4.40819588	0.00818792	-2.36432495	0.090758468	-4.58668978	0.01086022
1417382_at	Entpd5	-1.73283586	0.26541626	-2.36365586	0.082589704	-3.55124526	0.02552335
1460443_at	Brms1l	-2.01631121	0.14821856	-2.3631371	0.081937008	-2.33738978	0.10758874
1441891_x_at	Elovl7	-1.02447397	1.18653935	-2.36270307	0.082169811	-2.50574279	0.08560059
1418502_a_at	Oxr1	-2.96096684	0.03371968	-2.36239193	0.083574204	-2.48543493	0.08993534
1451291_at	Obfc2b	-2.70816693	0.0483423	-2.36058866	0.082120501	-2.46260744	0.09158374
1421604_a_at	Klf3	-3.19961872	0.02478618	-2.35969435	0.08214454	-3.85151221	0.0186692
1416256_a_at	Tubb5	-2.6839665	0.0500528	-2.3579231	0.0825605	-2.54588397	0.08123077
1427545_at	Scml4	-2.14141835	0.11830567	-2.35722042	0.083450156	-2.52179616	0.08422934
1442648_at	Zfp563	-2.13318635	0.12215697	-2.35680109	0.083627224	-2.21555785	0.13268135
1423448_at	Rab11b	-2.46062249	0.07059815	-2.35671668	0.083532146	-2.28207836	0.11864771
1430498_at	9130009I01R	-1.16101907	1.11637328	-2.35569321	0.086476408	-1.84338404	0.30500597
1425195_a_at	Acat2 /// Aca	-2.08743798	0.12967671	-2.35543469	0.082601563	-2.49138561	0.08785298
1416883_at	Clptm1	-2.67895126	0.05111342	-2.35478172	0.082860483	-2.97937214	0.0450931
1441263_a_at	A930005H10	-2.21201576	0.10196772	-2.35290271	0.083424125	-3.70648498	0.02232143
1455805_x_at	Ccdc22	-2.30093995	0.08875258	-2.35154401	0.083981553	-2.19564275	0.13664384

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1416354_at	Rbmx	-2.42326973	0.07542972	-2.35020239	0.085255921	-2.56859601	0.07970543
1422283_at	Cd40lg	-1.72055618	0.27211674	-2.34838671	0.083830116	-2.22688954	0.1295049
1450767_at	Nedd9	-2.7253125	0.04665198	-2.34790928	0.083584174	-1.91398784	0.22089993
1451987_at	Arrb2	-2.83193208	0.03958738	-2.34781164	0.083452566	-3.61485221	0.02421502
1452920_a_at	Ppil2	-2.40338038	0.07631873	-2.34777638	0.083542636	-2.27872211	0.11820303
1451468_s_at	Xpo5	-2.41738401	0.07467046	-2.3470713	0.0838165	-2.44706372	0.09253138
1451480_at	E2f4	-2.42318295	0.07533871	-2.34698453	0.084486983	-2.62469236	0.07237825
1425750_a_at	Jak3	-2.63643787	0.05280081	-2.34598697	0.08374034	-2.27955149	0.11800349
1429719_at	Foxp4	-2.44373865	0.07176421	-2.34532849	0.084498084	-1.8415748	0.26853346
1449857_at	1200011I18R	-2.39656544	0.07881303	-2.34532578	0.087539385	-2.07824873	0.17580044
1424725_at	D16Ertd472e	-2.32473832	0.09434983	-2.34442371	0.101786198	-2.46721481	0.09977821
1423040_at	Bzw1	-1.76473309	0.24804174	-2.34371964	0.084957919	-1.9015159	0.23039608
1441264_x_at	A930005H10	-2.10349735	0.12453221	-2.3410569	0.084274751	-3.46910859	0.02763441
1426310_at	Zdhhc5	-3.09729042	0.02812785	-2.34045117	0.084424847	-2.42941956	0.09512245
1422661_at	Lgals8	-2.64544422	0.05202648	-2.33989696	0.085343511	-2.4111393	0.09722628
1451782_a_at	Slc29a1	-2.42371489	0.07446254	-2.33963747	0.084892966	-2.89322796	0.04971458
1426385_x_at	Ywhae	-3.48983381	0.01755061	-2.33493653	0.085369947	-2.74609842	0.06077348
1421754_at	AY036118	-1.95741094	0.16352341	-2.33333211	0.086752852	-2.91907579	0.04895228
1421284_at	Pign	-1.83972483	0.21337592	-2.3327715	0.087537538	-2.33791098	0.10892139
1427451_a_at	BC018473	-2.73288863	0.07366116	-2.33155371	0.154529325	4.70235459	0.15988673
1428392_at	Rassf2	-2.40846674	0.07621103	-2.3303231	0.08654227	-3.45137205	0.02816388
1440938_at	Trem12	-3.02140937	0.03091172	-2.3286546	0.08686884	-4.64871399	0.01016854
1431064_at	Dpp8	-2.24393362	0.09654793	-2.32769172	0.086379573	-2.33035541	0.10945322
1431973_at	Sept6	-2.43581292	0.07452537	-2.32713246	0.086616085	-2.6651899	0.06891546
1450038_s_at	Usp9x	-1.89991955	0.18556592	-2.32635027	0.087706147	-1.98968264	0.19878763
1422160_at	H2-T24	-2.32173235	0.0894198	-2.32571073	0.094706714	-2.60183895	0.07975213
1427663_a_at	Clk4	-1.31495795	0.8393411	-2.32538028	0.091341642	-1.73415357	0.33724654
1431345_a_at	Taf1b	-1.72180886	0.27126729	-2.32522448	0.087204545	-1.75761002	0.32099104
1450073_at	Kif3b	-2.60413938	0.05733463	-2.32490484	0.088299776	-2.4434874	0.09419021
1453559_a_at	Sel1l	-1.80408002	0.23146628	-2.32483501	0.087271353	-1.97508992	0.19909793
1453788_at	---	-2.13223532	0.11814433	-2.32460673	0.087435897	-2.19805375	0.13486458
1428933_at	Hdac8	-1.6282268	0.3347589	-2.32423616	0.087314675	-1.56667037	0.51078809
1437617_x_at	1110034G24	1.15775367	1.01622921	-2.32401063	0.087850187	-2.913941	0.05027495
1448007_at	Baz2b	-2.45910215	0.06878711	-2.32384955	0.088719467	-1.3114626	0.92991211
1454168_a_at	Clpb	-2.00877132	0.14950025	-2.32374753	0.087464151	-2.2010369	0.13327983
1452839_at	Dph5	-1.77411558	0.24169624	-2.32357305	0.086732523	-3.61632666	0.02409475
1416436_a_at	Uqcc	-2.32798753	0.08663317	-2.32218568	0.087539503	-3.1074331	0.04031363
1452057_at	Actr1b	-2.22143973	0.0998038	-2.32000031	0.088883136	-2.17765438	0.13905974
1438069_a_at	Rbm5	-1.44680618	0.59381674	-2.31985023	0.089594096	-2.76527252	0.06440455
1431065_at	Eaf1	-2.29143284	0.0893985	-2.31967871	0.087252082	-2.2388921	0.12591188
1419763_at	Nkap	-2.00410533	0.15371677	-2.31891242	0.08897474	-1.81762972	0.28101052
1450048_a_at	ldh2	-2.328738	0.0864859	-2.31819726	0.087582831	-3.30484666	0.03227336
1422109_at	Rfx1	-2.52036614	0.06241848	-2.31796428	0.087511278	-2.49785258	0.08744152
1426577_a_at	Lin37	-2.72458846	0.04673267	-2.3167114	0.087588546	-3.0093634	0.04419501
1420833_at	Vamp2	-2.07131217	0.13303371	-2.31585512	0.087520661	-1.71417571	0.38262642
1458380_at	Asxl1	-2.35334309	0.08296712	-2.31553677	0.088806523	-2.3154164	0.11127942
1416800_at	Trpm7	-1.86247578	0.19806242	-2.31357147	0.087484894	-2.15521481	0.14430303
1450399_at	Psen1	-3.07484069	0.02842579	-2.31347525	0.088654275	-2.80762775	0.05661568

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1449864_at	Il4	-1.23179741	1.00276161	-2.31311982	0.088308495	-2.73867866	0.06228776
1420981_a_at	Lmo4	1.4774729	0.62167823	-2.3127965	0.088908686	-2.91850256	0.04848643
1430450_at	Atp5sl	-1.8568771	0.20486811	-2.31267627	0.088740741	-1.93065226	0.2174053
1416933_at	Por	-1.78935131	0.23360566	-2.31239309	0.088309648	-2.90752514	0.04957949
1448324_at	Rnps1	-2.44384593	0.07174603	-2.31235569	0.088166168	-2.57320845	0.07681388
1451518_at	Zfp709	-2.60052877	0.05733591	-2.31198975	0.088319642	-2.55352467	0.08178135
1445506_at	Abhd15	-2.25002859	0.09591175	-2.31174671	0.090022108	-2.05972015	0.17243024
1428543_at	Ppat	-1.8497197	0.20375651	-2.31091095	0.088363229	-1.54503194	0.50591374
1443984_at	Lin9	-2.33957801	0.08446006	-2.30988069	0.091264706	-2.37598106	0.10264594
1427666_a_at	Tcrb-J	-2.4181158	0.07525465	-2.30710447	0.088652271	-2.24028664	0.12531879
1452376_at	Zfp444	-2.24854746	0.09544329	-2.30709647	0.088365672	-2.47546291	0.09043478
1424805_a_at	Tmem214	-2.55619577	0.06106679	-2.30678466	0.088788774	-2.82118903	0.05574038
1416708_a_at	Gramd1a	-1.60282472	0.38555748	-2.30587877	0.091422319	-2.83700101	0.05474247
1425865_a_at	Lig3	-2.21621319	0.10117647	-2.30439282	0.088850148	-2.55721182	0.0803698
1449956_at	Prkce	-2.80450923	0.04165485	-2.30250347	0.093208633	-2.8323476	0.05585014
1426544_a_at	Ttc14	-1.83777906	0.21235226	-2.30153811	0.091327953	-2.29958469	0.11647821
1417767_at	Cyb5b	-2.45606998	0.072475	-2.29829927	0.090036873	-2.13336625	0.15185039
1423008_at	Art2a-ps	-2.79278594	0.04276671	-2.29724543	0.092593931	-1.11308981	1.17675951
1435796_at	Wscd2	-1.78775	0.24447489	-2.29681555	0.09242227	-2.46986125	0.09139747
1452336_at	Zfp395	-2.32290744	0.08627266	-2.2952824	0.091302121	-2.16333437	0.1427472
1422688_a_at	Nras	-2.35843526	0.08293194	-2.29428561	0.091321586	-2.46390221	0.0913019
1423528_at	Bcas3	-2.22665288	0.10079674	-2.29376353	0.09391863	-1.88380113	0.25167411
1424180_a_at	Med24	-2.70111488	0.04867884	-2.29227479	0.091652111	-2.64491251	0.06946037
1435452_at	Tmem20	1.01172579	1.18338801	-2.29221388	0.091272995	-2.1010954	0.16351288
1418067_at	Cfl2	-2.7345182	0.04671429	-2.29218211	0.091362637	-2.43443447	0.09498632
1417539_at	Slc35a1	-2.0775838	0.13073489	-2.29206295	0.09124269	-2.08165598	0.16614811
1447417_at	Taf1	-2.06528135	0.13721199	-2.29151755	0.09146092	-1.86272969	0.24972107
1460387_a_at	Siae	-2.80054317	0.04349537	-2.29075262	0.095884831	-2.45204706	0.09510537
1422268_a_at	Rps6kb2	-1.76694239	0.24931535	-2.29051181	0.094656272	-2.15901011	0.14401416
1431062_a_at	Exoc4	-1.73806255	0.26845878	-2.29036098	0.091489051	-1.83608774	0.28001915
1418650_at	Spata6	-2.35738381	0.08252063	-2.29020488	0.092069717	-1.91390824	0.22560294
1442554_s_at	Kalrn	-2.21535054	0.10328818	-2.28939278	0.093383621	-1.9018718	0.23889601
1449886_a_at	Timm9	-1.71947126	0.26996755	-2.28916269	0.091847273	-2.90906393	0.04927835
1428329_a_at	lft80	-7.09633114	0.00131579	-2.28838268	0.091329904	-1.56571685	0.49854296
1453818_a_at	2210404J11R	-1.96847037	0.16348309	-2.28786195	0.092541516	-2.37594263	0.10258085
1455179_at	Mpp7	-1.99319105	0.15582061	-2.28781437	0.09222061	-1.81641644	0.28246745
1448013_at	Usp24	-2.20266486	0.10328404	-2.2863876	0.09136896	-3.25501682	0.0343909
1425285_a_at	Rab27a	-2.3049972	0.08917237	-2.28618951	0.096162465	-1.88315271	0.24895862
1416313_at	Mllt11	-2.20106996	0.10489024	-2.28584883	0.092915767	-2.48961904	0.09046362
1454707_at	2310035C23f	-1.9232727	0.17563604	-2.28557686	0.092647908	-1.9825721	0.20349422
1453763_at	Txndc11	-2.26523124	0.09311671	-2.28493533	0.091991279	-2.32991663	0.1088916
1456473_x_at	Arf2	-1.93827732	0.16955163	-2.28489837	0.091653314	-2.36996376	0.10264091
1452261_at	Shprh	-2.77289566	0.04443182	-2.28467402	0.093417085	-2.55262805	0.08210967
1433641_at	Smad5	-2.28093184	0.09135935	-2.28423065	0.092452967	-3.25435883	0.03436751
1424262_at	Aif1l	-2.12164753	0.12213883	-2.28353674	0.091610787	-2.20072671	0.13496285
1449069_at	Zfp148	-1.84977953	0.20748315	-2.28333625	0.092436548	-1.75314258	0.31413964
1440862_at	---	-1.0532284	1.19095191	-2.28314634	0.098634483	-1.16882451	1.12862838
1423214_at	Plxnc1	-2.39160644	0.07836207	-2.28142464	0.09338594	-2.38653087	0.10088903

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1443948_at	Ttc9c	-2.91725871	0.03571795	-2.28090022	0.093388252	-2.97610068	0.04624197
1417804_at	Rasgrp2	-1.82300266	0.2171831	-2.28059721	0.092867435	-2.89570908	0.04965235
1435554_at	Tmcc3	-2.23992175	0.09762058	-2.27951726	0.092425778	-1.71806942	0.33934897
1450969_at	Pccb	-1.7846465	0.23327636	-2.27926447	0.09334767	-2.63165129	0.07124793
1453744_a_at	Ankrd40	-3.03120901	0.03096821	-2.27920127	0.092463768	-3.26991545	0.03377537
1440440_at	---	1.43253296	0.76917512	-2.27858259	0.112285345	-2.69963931	0.07031693
1429448_s_at	Tet1	-2.85032876	0.03944107	-2.27787461	0.093995726	-2.04923201	0.18040959
1450056_at	Apc	-2.55653244	0.06055503	-2.27757464	0.093412017	-2.14243782	0.15038347
1448994_at	Sp1	-3.19919367	0.02564309	-2.27748781	0.09443577	-2.24440547	0.12788694
1425331_at	Zfp106	-2.06004378	0.13514831	-2.27720631	0.093378864	-2.42823828	0.09529532
1434448_at	Txlna	-2.15334578	0.11329032	-2.27715106	0.092718097	-2.15607894	0.14654135
1435020_at	Klhdc2	-1.61825616	0.35757254	-2.27661447	0.095739437	-1.93107607	0.22511422
1456121_at	Cep97	-1.86522973	0.20403762	-2.27623314	0.09341446	-2.51599374	0.08616176
1448375_at	Tm9sf3	-2.80317148	0.04280374	-2.27565207	0.095	-2.57730808	0.08212652
1429187_at	Tmed7	-2.17113083	0.11102185	-2.27337655	0.095827489	-1.97819091	0.20039596
1448389_at	Wdr5	-2.10593854	0.12492445	-2.27269382	0.0938599	-2.50615967	0.08608536
1439037_at	Ddx17	-2.07398913	0.13411953	-2.27246541	0.095486601	-3.0792379	0.04093602
1419975_at	Scp2	-2.26555576	0.09441815	-2.27218452	0.095489782	-2.23773624	0.12738987
1439044_at	Zfp354c	-1.75013555	0.26249004	-2.26999114	0.093858773	-3.4293536	0.02852018
1416030_a_at	Mcm7	-2.09936546	0.12657939	-2.26886117	0.094635527	-2.87010463	0.05110553
1453468_at	4930430F08F	-2.05101541	0.14296787	-2.26752481	0.094618105	-2.1836223	0.13959025
1433973_at	Sephs1	-2.55792979	0.06056391	-2.26632799	0.093920171	-2.20919638	0.13295284
1419361_at	Ss18	-1.25508349	0.96218554	-2.26538826	0.094346591	-1.8797077	0.23963462
1435439_at	Dgcr8	-2.30238378	0.08807314	-2.26521554	0.093871429	-2.47798651	0.08903249
1449574_a_at	Cdc42	-1.97782759	0.15715575	-2.26477333	0.094617564	-2.11230281	0.15761538
1418946_at	St3gal1	-2.13513408	0.11739631	-2.26448293	0.09405694	-2.11543839	0.15491723
1460314_s_at	Hist1h3a ///	-2.03301144	0.14606259	-2.26337924	0.095907173	-2.04007661	0.18170121
1429259_a_at	1190007I07R	-2.40835266	0.0768542	-2.26315699	0.094954128	-2.46477622	0.09137421
1423114_at	Ube2d3	-2.06316137	0.13591341	-2.26212973	0.096146853	-2.22234325	0.12955338
1416190_a_at	Sec61a1	-2.12499582	0.12023891	-2.26153136	0.096095171	-2.47229346	0.09095238
1458708_at	---	1.02224783	1.17355752	-2.26140596	0.098004158	1.35126909	0.79706853
1451672_at	Grk6	-2.91200265	0.03527958	-2.26116562	0.094061166	-3.30851006	0.03227019
1428649_at	Cand1	-2.48321928	0.06764605	-2.26098539	0.094539007	-2.46524609	0.09089489
1423245_at	Cops7a	-2.35621034	0.08293503	-2.26069808	0.094378109	-2.26750123	0.12072165
1419544_at	Atp6v1c1	-2.09310787	0.13034445	-2.25918383	0.096224703	-2.24186074	0.12738724
1454788_at	Arl4c	-1.67934658	0.29308948	-2.25832011	0.095960591	-2.40193981	0.09768672
1421107_at	Stk4	-1.27368042	0.91597739	-2.25791838	0.096142558	-1.93330376	0.21866541
1415836_at	Aldh18a1	-2.40154304	0.07549239	-2.25719595	0.097209464	-2.28144309	0.11860789
1448019_at	Taok3	-2.51919593	0.06340215	-2.25621309	0.096263966	-2.34758653	0.10568519
1428737_s_at	Gramd3	-1.01756433	1.1864733	-2.2544492	0.099418207	-2.31417826	0.1131976
1453539_at	Alkbh8	-1.96133594	0.16753412	-2.25387369	0.097472222	-2.19544237	0.13811222
1431037_a_at	Elavl1	-2.38482213	0.07977744	-2.25374871	0.100905378	-2.45577207	0.09299584
1431985_at	Zfp846	-2.63167865	0.05417166	-2.25279859	0.102366464	-2.11860309	0.15444932
1421160_a_at	Rfng	-1.96011052	0.16219842	-2.2519191	0.100920245	-2.42976199	0.09505802
1431188_a_at	Tom1	-2.41047645	0.07675397	-2.2515107	0.095938159	-2.97518284	0.04535288
1430999_a_at	Scoc	-1.63637303	0.3387137	-2.25022875	0.096138753	-2.26243551	0.12306479
1426532_at	Zmynd11	-2.93642339	0.03479578	-2.24987523	0.096450488	-1.95879307	0.20514659
1418459_at	Ccdc91	-1.8893653	0.19743558	-2.24973748	0.103505362	-2.43302588	0.0954607

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1456603_at	Fam101b	1.05661515	1.15351601	-2.24957115	0.095852632	-5.34216672	0.00684211
1460460_a_at	Gorasp2	-1.93305587	0.1727748	-2.24945161	0.097205575	-2.04340948	0.17718874
1417637_a_at	Hmg20b	-3.04558281	0.03021771	-2.24846174	0.099390411	-2.64416707	0.07041528
1419977_s_at	Esrp2	-2.0681082	0.1340812	-2.24806955	0.098585231	-1.9762722	0.19919675
1424181_at	Sept6	-2.71451602	0.047369	-2.24699202	0.097352328	-3.22182917	0.03475943
1438425_at	Gtf3c1	-2.92631485	0.0348226	-2.2465326	0.097239221	-2.01572664	0.18529387
1450506_a_at	Aen	-1.74103676	0.26427959	-2.24644177	0.098023578	-1.95128792	0.20969141
1454012_a_at	Parp6	-2.26680193	0.09299867	-2.24614853	0.099326923	-2.36501336	0.10378141
1424097_at	Elovl7	-1.33350971	0.7874417	-2.24579047	0.102705803	-2.43191589	0.09597569
1460191_at	Ykt6	-2.06666326	0.13431987	-2.24578269	0.098008299	-2.19260105	0.1377877
1432344_a_at	Aplp2	-2.3551626	0.08442478	-2.24479184	0.100910326	-3.05562323	0.04339862
1416819_at	Cdc37	-2.13835295	0.11687825	-2.24474256	0.097179666	-2.50437395	0.08665932
1431095_a_at	Herc6	-2.10670017	0.12431614	-2.24398028	0.098123269	-2.35499664	0.10547826
1450196_s_at	Gys1	-2.14719269	0.11692486	-2.24251349	0.097793199	-2.08789863	0.16538066
1449990_at	Il2	4.81662743	0.08584302	-2.24228812	0.09904204	-2.02570861	0.18376662
1420835_at	Slc25a30	-1.99460767	0.15449616	-2.241695	0.098425414	-2.1303493	0.15304305
1452573_a_at	O610007P08	-2.23963195	0.09826504	-2.24138684	0.100967302	-1.7782235	0.30774948
1427557_at	Alg12	-1.98172943	0.15586158	-2.24108132	0.097940567	-2.07754539	0.16755093
1420651_at	Ate1	-2.00571738	0.1523397	-2.2410166	0.099292096	-2.29580218	0.1169109
1424789_at	Zscan22	-2.70351557	0.05028302	-2.23956209	0.103516779	-1.94420004	0.21260937
1429686_at	Polr3f	-1.83347636	0.21328422	-2.23876278	0.098967653	-1.97800581	0.19931901
1422690_at	Sptlc1	-2.50808574	0.06548556	-2.23866191	0.099343814	-2.18421772	0.13957491
1421260_a_at	Srm	-2.22387392	0.09977862	-2.23823265	0.098062284	-4.39660523	0.01270202
1437257_at	Wdr47	-2.30316324	0.09072395	-2.2375372	0.113170732	-2.39471118	0.10325347
1428198_at	Adal	-2.40582216	0.07817188	-2.23672052	0.104280027	-2.40896762	0.10101102
1428558_at	Osgepl1	-2.00337153	0.15040826	-2.23644147	0.099287183	-1.95918007	0.20875049
1424955_at	Haus1	-2.06276814	0.13455703	-2.23561486	0.099229711	-2.74934255	0.06093321
1438933_x_at	Rasgrp2	-1.37776834	0.6780108	-2.23422322	0.099028926	-2.74899319	0.06020389
1451244_a_at	Zfp422	-2.2839958	0.09026477	-2.23031116	0.100546075	-1.75485886	0.31203764
1416249_at	Nadk	-2.88811529	0.0363591	-2.23024675	0.099801913	-2.48880523	0.08862419
1428657_at	Rreb1	-2.54312963	0.06113784	-2.2301102	0.099224966	-3.62125557	0.02418367
1426105_a_at	Ubxn11	-2.43419824	0.07361913	-2.22883013	0.099258751	-4.16212896	0.01490909
1426427_at	Ttll1	-2.42492198	0.07814208	-2.22846196	0.113673077	-2.27743256	0.11990799
1419033_at	2610018G03	-1.04964393	1.1958582	-2.22784676	0.099377565	-2.41805993	0.09619624
1422320_x_at	---	-2.22383282	0.10085374	-2.2264008	0.102789757	-2.62366466	0.07225754
1423158_at	Gnpnat1	-2.30657414	0.08820728	-2.22332163	0.101077236	-1.66026861	0.39860294
1419752_at	Nfx1	-2.32996239	0.08563822	-2.22277461	0.100572988	-2.42336492	0.09607287
1458870_x_at	Mycbp2	-1.93228781	0.17531181	-2.22231758	0.10371065	-2.49189797	0.08887202
1449471_at	Kcnmb4	-1.22363363	1.02551721	-2.22007231	0.102727273	-2.47126833	0.08987097
1416964_at	Eefsec	-2.68836992	0.04979894	-2.21963378	0.101638456	-3.93352204	0.01748
1423629_at	Dnm2	-2.18834975	0.10569789	-2.21942866	0.100984386	-2.50551701	0.08563932
1449931_at	Cpeb4	-2.3865612	0.07976282	-2.21912869	0.107950229	-2.1913172	0.14027433
1426092_a_at	LOC640746 /	-2.54059545	0.06344115	-2.21835717	0.104165003	-2.49687166	0.08954644
1428725_at	Pias2	-2.66555324	0.05222787	-2.21799329	0.10375502	-2.47545719	0.09135915
1425263_a_at	Mbp	-1.85509105	0.22433955	-2.21476711	0.114596313	-2.55800662	0.08517446
1438015_at	Dkc1	-1.6318461	0.33978185	-2.21386155	0.104198932	-2.96853269	0.04662407
1424988_at	Mylip	-2.02585839	0.14447542	-2.21357512	0.102687373	-2.46931063	0.09078445
1415850_at	Rasa3	-1.47045911	0.51081513	-2.21087379	0.102743243	-2.410056	0.09728

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1425344_at	Narf	-3.00216166	0.03156338	-2.20972474	0.102858104	-2.32201399	0.11056227
1451816_at	Zfp451	-2.30991004	0.09130728	-2.2094414	0.117197492	-2.12923718	0.16920847
1453712_a_at	Map2k5	-2.31409539	0.08759207	-2.20929847	0.104093333	-2.10761789	0.15915714
1426490_at	Bfar	-2.13739715	0.11766839	-2.20892586	0.104149433	-2.47826421	0.09064057
1428557_a_at	Osgepl1	-2.54541637	0.06083255	-2.20606709	0.104241817	-2.21208476	0.13361304
1425954_a_at	Apex2	-2.2421586	0.09927665	-2.20471677	0.108865711	-1.95315756	0.21346154
1448935_at	Cdyl	-2.27992811	0.09072346	-2.20451812	0.106913986	-1.72537904	0.32674815
1423583_at	Fem1a	-3.10815116	0.02734977	-2.2039579	0.104175532	-3.3537884	0.03089337
1426378_at	Eif4b	-1.93370359	0.17219086	-2.20391207	0.104512922	-2.41825548	0.09718206
1438839_a_at	Ywhae	-3.28603231	0.02197574	-2.20345383	0.104372093	-2.65399687	0.06924704
1419921_s_at	Usp7	-2.38433729	0.07758268	-2.20267758	0.116612091	-1.66392261	0.41422967
1439726_at	Tmem186	-1.71072358	0.27392789	-2.20157603	0.103527834	-2.49381884	0.08778909
1433990_at	Lhfp13	-2.06476368	0.13802307	-2.2012861	0.108807818	-5.69768817	0.00569038
1448812_at	Hpcal1	-1.67187463	0.30015779	-2.2012327	0.10438992	-2.62246163	0.07186427
1427439_s_at	Prmt5	-2.38094341	0.07999236	-2.20003783	0.104794702	-3.88583147	0.01826255
1416353_at	Nr1h2	-2.28155379	0.09042712	-2.19977607	0.104207723	-2.40052784	0.09835092
1419277_at	Usp48	-2.29101462	0.09016327	-2.19725402	0.106394737	-2.65846167	0.0695202
1432245_s_at	Ttc9c	-2.31440552	0.08883045	-2.19694944	0.112338501	-2.60891812	0.07710361
1426367_at	Cab39l	-2.28509371	0.09070175	-2.19612981	0.105406477	-2.43733293	0.09448039
1428145_at	Acaa2	-2.06123644	0.13510852	-2.19611713	0.105307743	-3.05088965	0.04174883
1423150_at	Scg5	-1.63725988	0.32675849	-2.1946081	0.105876153	-3.99297305	0.01680328
1420987_at	Kif3b	-2.37948331	0.07964012	-2.19419742	0.106996721	-1.97564445	0.202196
1421035_a_at	Magi3	-2.25621831	0.09471129	-2.19338895	0.108267974	-2.15472935	0.14549672
1426555_at	Scpep1	-2.91412279	0.03569782	-2.1929253	0.110707333	-2.34617669	0.107457
1428513_at	Calcoco1	-2.80469715	0.04092637	-2.19165392	0.107931937	-2.43895814	0.09413103
1426797_at	Tmem209	-2.74788825	0.04588496	-2.18809948	0.108478119	-2.86184063	0.05311637
1416553_at	Stra13	-1.92590517	0.17624448	-2.18636105	0.108439948	-2.74602863	0.06186151
1449942_a_at	Ilk	-2.68836992	0.04866953	-2.17923483	0.108649706	-2.41595179	0.09615903
1452886_at	---	-2.50031524	0.07834769	-2.17689225	0.152959082	-2.07743019	0.21345902
1424613_at	Gprc5b	-2.38157063	0.07926923	-2.17403977	0.119604938	-2.10669773	0.16297132
1450180_a_at	Rara	-2.14247	0.11801492	-2.17398201	0.126623605	-2.54626046	0.08021622
1436918_at	Dyrk2	-1.53241105	0.43843545	-2.17371581	0.111139896	-2.79475794	0.05741445
1454891_at	Cds2	-1.96351461	0.16300975	-2.17290234	0.12000615	-2.79387666	0.05811909
1453017_at	Ankle2	-2.33075657	0.08637869	-2.17278938	0.11075974	-1.98589361	0.19989073
1442811_at	Rgmb	-2.02852113	0.14736473	-2.17260113	0.114714104	-2.78097993	0.05879359
1451016_at	lfrd2	-2.20896925	0.10249691	-2.17250325	0.110734243	-3.12112975	0.03886839
1424697_at	Dtwd1	-2.30324572	0.0880028	-2.1715096	0.110751782	-3.05541497	0.0417096
1426967_at	Axin1	-2.29524528	0.08866897	-2.17046376	0.113114965	-2.28044177	0.11798138
1438271_at	Lpp	-1.34778621	0.84307789	-2.16953621	0.128435493	-2.69794636	0.07027454
1440252_at	H2afj	-2.35560069	0.08452928	-2.16880448	0.11584596	-2.29965908	0.11811189
1426590_at	Gfm2	-2.36033778	0.08176471	-2.16750201	0.114093231	-2.62342825	0.07311542
1451552_at	Lipt1	-2.20213055	0.10405886	-2.16717401	0.114168798	-2.40925149	0.09951697
1449981_a_at	Nat2	-2.80376092	0.04243529	-2.16233243	0.114190659	-1.85604068	0.2542226
1423466_at	Ccr7	-2.43918638	0.07363937	-2.1621251	0.113170418	-3.21005941	0.03540155
1425745_a_at	Tacc2	-3.76689286	0.01360382	-2.16211011	0.11655129	-1.83939331	0.27031689
1449157_at	Nr2c1	-2.26263938	0.09629053	-2.16060698	0.118660436	-2.44727575	0.09563304
1451800_at	Gcc2	-2.07751179	0.13590909	-2.15982836	0.119301175	-2.63194012	0.07306634
1427695_a_at	Pou2f1	-2.56607796	0.06091248	-2.15854624	0.114573248	-2.24165615	0.12662438

Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1452931_at	2810408M09	-2.41146522	0.07528606	-2.15762628	0.113669019	-2.62525034	0.07180328
1459678_at	LOC497255	-2.14846062	0.11504084	-2.15670422	0.115996205	-2.93144773	0.04761603
1422495_a_at	Hmgn1	-1.66950066	0.30248154	-2.15332587	0.114224633	-2.4338102	0.0946196
1426519_at	P4ha1	-4.7184892	0.00594378	-2.15208491	0.123952096	-2.64739782	0.07190359
1451688_s_at	Cant1	-1.71355995	0.2735913	-2.15122238	0.114263862	-2.392886	0.09959477
1416347_at	Men1	-2.53826025	0.06223133	-2.15016146	0.115858138	-2.62325854	0.07188216
1427313_at	Ptgir	-2.65687128	0.05179856	-2.14887764	0.118702669	-2.42094169	0.09722036
1418803_a_at	Fasl	1.91295995	0.39186768	-2.1488255	0.11538364	-2.54514585	0.08174713
1427655_a_at	A630038E17	-2.02391215	0.14598381	-2.14869642	0.116187776	-2.77729739	0.05868868
1450054_at	Add1	-3.23206975	0.0236532	-2.14723982	0.115697085	-2.95603496	0.04636364
1427770_a_at	Slc2a3	-2.29969362	0.08877424	-2.14717037	0.115798107	-2.11832165	0.1557739
1438074_at	2210010C17	-3.31986981	0.02176573	-2.14635196	0.11852776	-2.05174533	0.17525189
1449380_at	Pacsin1	-3.37101177	0.0198895	-2.14363855	0.116517913	-1.80389038	0.27921945
1423141_at	Lipa	-2.63562783	0.05367101	-2.1422423	0.120507956	-2.78468988	0.05916432
1450036_at	Sgk3	-2.94162158	0.03448276	-2.14199731	0.115979772	-2.71095594	0.06266014
1448402_at	Tln1	-2.60596011	0.05548067	-2.13939074	0.118729763	-2.19815787	0.13460309
1429260_at	1810014B01	-2.38235763	0.07969349	-2.13881989	0.11873913	-2.8746175	0.0527381
1458245_at	Susd1	-2.0744516	0.13260215	-2.13868647	0.120708181	-2.50771779	0.08497771
1455759_a_at	Ankhd1	-2.58930516	0.05737657	-2.13817509	0.11857589	-2.36741069	0.10328086
1452249_at	Prickle1	-3.27220545	0.02268836	-2.13780214	0.120006146	2.30537536	0.34439465
1451765_a_at	Entpd5	-1.47933966	0.51180463	-2.13775028	0.116553459	-2.60724893	0.07319646
1439526_at	---	-2.57772495	0.06049906	-2.13747617	0.119821429	-3.46007506	0.02820669
1434309_at	Fntb	-2.19742156	0.10584188	-2.13630357	0.120276243	-3.12100716	0.04028916
1426917_s_at	Scrn3	-1.79410376	0.23407475	-2.1360025	0.123730445	-3.02331926	0.04418842
1450172_at	Pknox1	-2.68622472	0.05034773	-2.13488743	0.120690287	-3.01394899	0.04444444
1455256_at	Tnik	-3.06368931	0.02931953	-2.1340811	0.119815043	-2.03817086	0.17696609
1434399_at	Galnt6	-2.24812928	0.09558155	-2.13085142	0.119772308	-2.18205127	0.13875131
1448689_at	Rras2	-2.24496819	0.0979525	-2.1294635	0.12284676	-1.74180123	0.33254907
1420894_at	Tgfb1	-2.78551355	0.04344148	-2.12763155	0.135787115	-1.96602727	0.20841239
1425161_a_at	Trabd	-2.17224225	0.10972074	-2.12754552	0.119343247	-2.60918638	0.07328238
1416252_at	Stk38	-1.65752811	0.30933679	-2.12665106	0.119684796	-2.61903136	0.07221044
1424064_at	Rab1b	-2.53336801	0.06169569	-2.12611063	0.119882933	-2.29075262	0.11651917
1418082_at	Nmt1	-2.16048967	0.11259412	-2.12570049	0.121347561	-2.58298333	0.07802662
1426598_at	Uty	-1.47415341	0.53641091	-2.12297395	0.124071642	-5.52602338	0.00644269
1434610_at	Plec	-2.24163026	0.0976928	-2.11926402	0.122147202	-2.11408493	0.1565123
1418290_a_at	Ezh1	-2.26660553	0.09464918	-2.11836815	0.123901855	-2.4855986	0.09028592
1434720_at	Zfp652	-1.6514386	0.31226766	-2.11800109	0.121626066	-2.57171066	0.07665351
1435535_at	Depdc5	-2.23414837	0.09882015	-2.11692477	0.123674083	-1.75154129	0.31039481
1422201_at	H2-Ob	-2.47125406	0.06875424	-2.11371862	0.12292801	-2.02249808	0.18379074
1442274_at	Zdhhc15	-3.16916989	0.02565008	-2.1129813	0.123611779	-2.22229447	0.13045528
1422888_at	Rnf5	-2.34576474	0.08508811	-2.11212956	0.122144593	-2.25836446	0.12270562
1438712_at	Dennd2d	1.05136723	1.16258804	-2.11193193	0.123663664	-3.68174149	0.02285968
1419918_at	Tmed7	-2.51623791	0.06474382	-2.11153672	0.124449732	-1.79318375	0.28400885
1424743_at	Jmjd8	-2.40013685	0.07695411	-2.10993224	0.124426619	-2.41537412	0.09741893
1451474_a_at	Parp8	-1.51258897	0.45364672	-2.10920599	0.122730583	-2.61280598	0.07223127
1433963_a_at	Fermt3	-3.3961535	0.01901328	-2.1086164	0.122635094	-2.68850036	0.06493043
1418276_at	Elf2	-2.52003715	0.06369643	-2.10827053	0.123445783	-2.27169634	0.1196996
1452257_at	Bdh1	-2.03320639	0.14262942	-2.10696546	0.123423749	-2.64674952	0.06953743

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1431209_s_at	Gm9856	-2.27091703	0.09278296	-2.10680969	0.124087112	-2.42487436	0.09616835
1431285_at	Mgrn1	-2.38614216	0.07927581	-2.10556148	0.123867304	-2.21143065	0.13144324
1438932_at	Rasgrp2	-1.33491233	0.77019091	-2.10428483	0.124524941	-2.55762544	0.0787393
1432848_a_at	Frmd8	-2.56518581	0.05917614	-2.10247454	0.124435196	-3.28801831	0.03270458
1439027_at	Naa25	-1.76343492	0.2452	-2.10163675	0.12657277	-2.46191906	0.09148772
1450184_s_at	Tef	-2.17863322	0.1087276	-2.10077745	0.123613445	-2.59046903	0.0762312
1436869_at	Shh	-2.00396179	0.15423058	-2.09874225	0.133507378	-2.61915239	0.07323127
1432374_a_at	Ept1	-2.34634474	0.08527818	-2.09859678	0.13166092	-2.37414821	0.11125452
1422549_at	Arl2	-1.55004668	0.40900976	-2.09758848	0.124165673	-2.39598963	0.09950229
1425776_a_at	C87436	-3.12871808	0.02648986	-2.09755213	0.124946871	-3.13006294	0.03881773
1448947_at	2810004N23	-2.00276757	0.1502712	-2.09738978	0.124621302	-3.07815312	0.04092308
1442945_at	2010109K09F	-2.30037915	0.09557943	-2.09646925	0.145680873	-2.60207341	0.08224505
1435071_at	Zfyve1	-2.39420497	0.07754732	-2.09454469	0.127080891	-2.34407977	0.10751995
1431299_a_at	2310014H01	-3.4918986	0.01729124	-2.09371731	0.124608541	-3.23668433	0.03459318
1417031_at	Tmem206	-2.38346152	0.0792083	-2.09329165	0.124967552	-2.14938412	0.14747
1425795_a_at	Map3k7	-2.25325928	0.09566883	-2.09266783	0.127082601	-2.08645432	0.16580224
1436212_at	Tmem71	-1.86714633	0.19786905	-2.09265575	0.125652941	-2.62727096	0.07191646
1423708_a_at	Farsb	-1.75174365	0.26438469	-2.09091102	0.132592804	-2.49575561	0.08992837
1415907_at	Ccnd3	-1.77117283	0.24022444	-2.0904159	0.125724382	-4.02153144	0.01628392
1451862_a_at	Prf1	-2.5402198	0.06298736	-2.08979776	0.132911681	-3.69302578	0.0231162
1419222_at	Tbxa2r	-3.80654817	0.01303178	-2.08889986	0.12728655	-3.95561861	0.01729839
1434922_at	Phf12	-2.4077629	0.07525122	-2.08844382	0.131255037	-2.39083295	0.09943717
1419416_a_at	Rarg	-2.79008034	0.04290548	-2.08642298	0.129141033	-2.02257986	0.18485068
1417663_a_at	Ndrp3	-2.0499755	0.13827658	-2.08640852	0.128349854	-2.66702559	0.06919492
1441967_at	Pddc1	-2.93451076	0.03504563	-2.08442578	0.130623197	-2.3852988	0.10174501
1451111_at	Nup133	-1.9166696	0.18019634	-2.08402367	0.133367405	-2.41108359	0.09725817
1424457_at	Apbb3	-2.37207836	0.07926867	-2.08305606	0.133289773	-2.29466996	0.11602017
1419971_s_at	Slc35a5	-2.35089483	0.0844963	-2.08115584	0.128534031	-2.33218947	0.10789988
1419162_s_at	Dnajc3	-1.27483158	0.91144726	-2.08026406	0.128552326	-2.5556259	0.08004637
1453367_a_at	Abhd12	-2.92972449	0.03472919	-2.07890668	0.12855064	-1.72671502	0.32721828
1456898_at	---	-2.38327704	0.08112377	-2.0783976	0.137475028	-2.36054775	0.10764526
1416863_at	Abhd8	-2.24381179	0.09679148	-2.07725261	0.129496528	-3.10424337	0.03979369
1432052_at	Exosc1	-2.36595888	0.08117069	-2.07719261	0.130190641	-2.46620034	0.09256285
1424598_at	Ddx6	-2.60589689	0.05883254	-2.07411372	0.142336549	1.59898898	0.5909644
1416554_at	Pdlim1	-1.63993655	0.33609076	-2.07359623	0.133728045	-3.58242127	0.02533333
1430623_s_at	Obfc2a	-2.49506085	0.06715146	-2.07343813	0.133713152	-1.89100739	0.23800572
1422546_at	Ilf3	-1.92673746	0.17930039	-2.07315071	0.138371837	-2.54262729	0.08273621
1422024_at	Fli1	-2.86826502	0.03838433	-2.07194159	0.137119777	-2.78367992	0.05979516
1419711_at	Cd7	-2.56721656	0.05983003	-2.07187218	0.132210767	-3.10995779	0.03969734
1421922_at	Sh3bp5	-1.35485801	0.73607515	-2.07180995	0.136553263	-2.54263904	0.08267274
1436315_at	Myst3	-2.37572031	0.07923611	-2.07059443	0.132898633	-2.28910716	0.11645637
1438043_at	---	-2.38670457	0.07829421	-2.06961153	0.13331058	-2.02893128	0.18136364
1423597_at	Atp8a1	-2.31442423	0.08818182	-2.06359997	0.137281823	-1.51854886	0.56983634
1442434_at	D8Ertd82e	-1.40162622	0.64380348	-2.06346886	0.133833522	-3.07946913	0.04066106
1459354_at	---	2.23938099	0.3144863	-2.0603151	0.14274374	-3.18254298	0.03720102
1425405_a_at	Adar	-3.3201498	0.02082585	-2.05964163	0.132297143	-2.36717003	0.10324733
1448828_at	Smc6	-3.71737269	0.01425926	-2.05720182	0.135499439	-3.16692639	0.03702182
1429125_at	Ggnbp1 /// Z	-2.46578441	0.07060759	-2.05710676	0.134277684	-2.08704494	0.16730181

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1446550_at	Gspt1	-2.38454113	0.07823299	-2.0564082	0.136036892	-2.6144304	0.07317447
1417437_at	Xrcc6	-2.23451748	0.09887612	-2.05636068	0.133814375	-2.74173348	0.06103731
1444993_at	Gm7420	-1.24812146	0.98019713	-2.05580487	0.13720089	-2.71246277	0.06427441
1450776_at	Agpat6	-2.2257656	0.09931385	-2.05295452	0.134353933	-2.05889701	0.17121708
1416279_at	Ap1b1	-2.26613425	0.09272788	-2.05155571	0.134262387	-2.74980313	0.06081502
1418667_at	2410002022	-2.43839469	0.07390123	-2.05148224	0.136107383	-2.87107629	0.05206381
1434729_at	Zc4h2	-2.57662634	0.05916509	-2.04881303	0.137732816	-1.41013993	0.73816219
1450100_a_at	Tcerg1	-2.22552391	0.10096552	-2.04858819	0.139585153	-2.41686183	0.09725033
1452560_a_at	Nfya	-3.41624948	0.01913696	-2.04695351	0.138257993	-3.43496008	0.02853073
1455257_at	Itgb3	-1.49537778	0.48725026	-2.04661538	0.137902601	-3.15420188	0.03829602
1423419_at	Lig3	-2.78041776	0.04362587	-2.04615675	0.136054841	-2.22019542	0.12960305
1415789_a_at	LOC1000457	-3.75716203	0.01361045	-2.04603147	0.137839335	-2.68659403	0.06741187
1419454_x_at	Pias2	-2.47730242	0.06882003	-2.04491376	0.137818383	-2.42340411	0.0971495
1448862_at	Icam2	-1.90416258	0.18169264	-2.04444842	0.135720695	-2.59494087	0.07478503
1426505_at	Evi2b	-1.33095488	0.77419163	-2.04433506	0.136180905	-2.48624189	0.08831518
1416914_s_at	Mtvr2 /// Sss	-2.83609986	0.03990338	-2.0437636	0.137792568	-3.00381994	0.04444693
1456433_at	Rcbtb1	-2.2397872	0.09720181	-2.04315218	0.137335929	-2.4338102	0.09504775
1425210_s_at	Zfp84	-2.28994561	0.09371939	-2.04180251	0.146763185	-2.62086553	0.07675335
1450074_at	Kif3b	-2.45715409	0.06869602	-2.04167514	0.138258953	-1.68156359	0.36013914
1444556_at	---	1.23735545	0.92615931	-2.0416209	0.158692716	-2.53694106	0.08998568
1460353_at	Tmem48	-2.30632901	0.0886833	-2.04161854	0.143133616	-2.26432859	0.12524874
1428462_at	Ppp2r5e	-2.32801174	0.08644203	-2.0390446	0.137935982	-2.2408069	0.12664459
1454026_a_at	Rgs3	-2.59960063	0.05682664	-2.03849582	0.138447137	-2.62712528	0.07154988
1434017_at	Znrf2	-1.89960571	0.18454195	-2.03848876	0.137898511	-2.5503584	0.08031611
1419896_at	Tet1	-2.39338917	0.07833725	-2.03779652	0.139447181	-1.99444177	0.19401904
1423841_at	Brix1	-2.25565277	0.09516656	-2.03746461	0.143026596	-2.42852443	0.09496585
1448777_at	Mcm2	-2.30651818	0.08808886	-2.03613281	0.139040044	-2.50756425	0.08519288
1457691_at	Gpr183	-1.41944144	0.6063744	-2.03555659	0.141614471	-2.73884635	0.06181491
1428132_at	Cdc42se1	-2.08411757	0.12981888	-2.03551192	0.138	-2.73592118	0.06131579
1446342_at	2310001H17	-2.38789599	0.07806907	-2.03455037	0.142466631	-1.26391987	1.01194517
1426454_at	Arhgdib	-2.30651818	0.08817361	-2.03434825	0.138605928	-2.1314226	0.15120178
1439083_at	Ahi1	-2.2737968	0.09439974	-2.03397695	0.148777382	-1.60948969	0.47431504
1452605_at	Thnsl1	-2.27775356	0.09042654	-2.03321343	0.141401515	-2.46543406	0.09092264
1450458_at	Ncoa2	-2.39257365	0.07872967	-2.03254646	0.143083025	-2.67540691	0.06875962
1460499_at	9230110I02R	-1.75172544	0.25521399	-2.03247368	0.140824742	-2.60340844	0.07323387
1450681_at	Zfp143	-2.22967999	0.09823831	-2.03226941	0.14316879	-1.96344429	0.20663249
1415738_at	Txndc12	-2.63488805	0.0528672	-2.03172715	0.140228509	-2.53499283	0.08234221
1449404_at	Pip4k2a	-1.41815642	0.60179144	-2.03123431	0.139134247	-3.01968208	0.04416192
1417887_at	Ints5	-1.98906212	0.15611535	-2.03061021	0.142260311	-2.71217136	0.06419014
1431749_a_at	Rasgrp1	-2.29442609	0.08881133	-2.02879534	0.142275161	-2.28709031	0.11714787
1418984_at	Inadl	-4.21655566	0.00897898	-2.0284813	0.139847245	-2.82634974	0.05468477
1453474_at	Abhd15	2.37867252	0.27950612	-2.02763551	0.15430336	-2.99819316	0.04735669
1423165_a_at	Mta2	-2.53966229	0.06161468	-2.02637568	0.140212534	-2.53922224	0.08177642
1421083_x_at	Banf1	-1.95172303	0.16645957	-2.02593563	0.14033714	-2.52809089	0.08328313
1426699_at	AU040320	-2.67628792	0.0511722	-2.02390046	0.143951528	-2.10755946	0.15936937
1452174_at	Srebfb2	-2.90515472	0.03584713	-2.02329965	0.141595687	-2.57811211	0.07698113
1449056_at	E330009J07R	-2.01151617	0.14767616	-2.02263126	0.14127027	-2.69849186	0.06412544
1421265_a_at	Rbm38	-3.91971837	0.01190981	-2.02089589	0.142311396	-2.76274039	0.05957009

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1426257_a_at	Sars	-2.54362619	0.06207117	-2.02069512	0.142329576	-2.38998517	0.10057792
1433902_at	Kbtbd8	-1.79216897	0.23276541	-2.02049204	0.148539326	-2.65195568	0.06913265
1453111_a_at	Slc25a39	-2.01944427	0.1459666	-2.0202633	0.141596548	-2.52023512	0.08416604
1439373_x_at	Wnt5b	-1.14462498	1.14325585	-2.01966358	0.142123656	-3.07483714	0.042007
1437719_x_at	A230046K03	-1.53721256	0.42545223	-2.01860925	0.14266099	-2.52024968	0.08331575
1419279_at	Pip4k2a	-1.42437926	0.59691023	-2.01643001	0.142982456	-3.15261355	0.03832714
1438174_x_at	Ppp2r1a	-2.34584062	0.08399703	-2.01627162	0.142699681	-1.93074147	0.21478511
1450519_a_at	Prkaca	-2.75054975	0.04485393	-2.01602706	0.143098143	-2.23619345	0.1264823
1424792_at	Rpp40	-1.63379088	0.33301264	-2.01376221	0.144851175	-2.43525582	0.09541384
1434794_at	Rhof	-3.09599183	0.02806402	-2.01334815	0.142643923	-2.03807433	0.17961959
1451152_a_at	Atp1b1	-3.86316063	0.01225064	-2.01320162	0.14312566	-3.26457835	0.03405914
1434138_at	Prune	-2.6764116	0.05034555	-2.01222272	0.145234619	-2.8149904	0.05577478
1435456_at	Ttc28	-2.92095473	0.03477513	-2.01189498	0.144308901	-1.23400223	1.06264219
1433938_at	Trp53bp2	-2.32183427	0.08639368	-2.01082844	0.143707806	-1.3298744	0.87598786
1426494_at	Rg9mtd3	-2.03084247	0.1429499	-2.00847198	0.143901157	-2.48878798	0.08749635
1460204_at	Tec	-2.33971315	0.08513553	-2.00803117	0.144615787	-1.57195146	0.48394153
1451330_a_at	Inpp5b	-1.81352923	0.21945537	-2.00715913	0.144336654	-2.43345315	0.09456044
1436594_at	Zfp719	-3.75903757	0.01364929	-2.00692031	0.154842675	-2.81861872	0.05732824
1418396_at	Gpsm3	-3.08727358	0.02816667	-2.0058147	0.14504434	-3.70295838	0.02243772
1439755_at	Sipa1l1	-2.19634294	0.10359779	-2.00270279	0.146848891	-2.70338752	0.06395926
1448585_at	Gtf2h4	-1.75800804	0.24877601	-2.00130585	0.146929012	-2.65534932	0.06897785
1446205_at	---	-2.36723839	0.08117781	-1.99977821	0.153049327	-2.25329312	0.12410905
1451520_at	Spg20	-2.76716755	0.04421355	-1.99900212	0.146947314	-2.726821	0.06225289
1423718_at	Ak3	-2.66035419	0.05205912	-1.99832098	0.145725389	-1.69904414	0.34655867
1416075_at	Sav1	-2.70469328	0.04891374	-1.9967241	0.146903658	-1.96557989	0.20487119
1417384_at	Entpd5	-1.66264289	0.30575925	-1.99670795	0.14628882	-2.85102034	0.05287129
1429561_at	Brf2	-2.62262827	0.05591897	-1.9932371	0.146999485	-2.27785093	0.11941585
1452948_at	Tnfaip8l2	-2.09413096	0.12860927	-1.99175013	0.148155738	-3.04653997	0.04293642
1423742_at	Rbm10	-2.63391417	0.0540959	-1.99093805	0.14848392	-2.69978278	0.06480836
1418404_at	Rad9	-2.75084846	0.04484916	-1.98917702	0.149254564	-2.5379729	0.08179526
1440890_a_at	Zfp809	-2.25765755	0.09557003	-1.98686888	0.152956132	-2.7238772	0.06418871
1435134_at	Nceh1	-2.61111319	0.05707031	-1.98647412	0.164488743	-2.28619744	0.11805475
1444051_at	1700019D03	-1.70658625	0.27778864	-1.98555639	0.148612245	-2.46356636	0.09091295
1455719_at	Tubb5	-2.90321215	0.03573265	-1.98446484	0.149003559	-2.89537457	0.04952869
1427602_at	Dep1	-2.35500208	0.08127369	-1.9833968	0.164018913	-2.2782062	0.12069341
1441747_at	---	-2.32768365	0.0864486	-1.98323412	0.151736737	-1.9672564	0.20752069
1455191_x_at	Pip5k1a	-1.82514574	0.21611431	-1.9819309	0.150565657	-2.47129402	0.09041311
1449653_at	---	-2.39546655	0.07701504	-1.98159436	0.153470705	-2.24373402	0.12644555
1435133_at	Ugcg	-1.98135858	0.15653498	-1.97936133	0.151117262	-3.73023107	0.02164855
1427152_at	Qser1	-2.29841344	0.08883162	-1.97808351	0.151744128	-1.77901458	0.33788122
1417476_at	Fbxw5	-2.29813731	0.08835655	-1.97624252	0.154001981	-2.64794838	0.06892491
1424446_at	Armc7	-2.26390748	0.09380291	-1.9751538	0.151795386	-2.73790047	0.06118983
1425520_a_at	Dhdds	-2.34285608	0.08563411	-1.97501462	0.165865295	-1.98318372	0.20790323
1439228_at	Zfp407	-2.30858684	0.0880493	-1.97472944	0.156741245	-2.01587335	0.18655668
1460069_at	Smc6	-3.49687607	0.01791583	-1.97436218	0.162408725	-2.98720587	0.0450494
1436310_at	Gemin5	-2.30363689	0.08871636	-1.97339305	0.151952072	-2.45714557	0.09135629
1456616_a_at	Bsg	-2.4415912	0.07343828	-1.97317193	0.15166083	-2.38473948	0.1014129
1450334_at	Il21	13.961706	0.01238095	-1.97210541	0.153926624	-2.7618724	0.05973953

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1436902_x_at	Tmsb10	-2.57457328	0.05912381	-1.97169081	0.151753247	-2.69779988	0.06443281
1429764_at	Fam101b	-1.03971155	1.19197635	-1.9710759	0.161753802	-6.00073131	0.00412037
1442464_at	Fbxl20	-2.35317726	0.08266117	-1.96651338	0.159591346	-2.11748977	0.1591548
1444449_at	---	-2.58555382	0.06118299	-1.96470585	0.196083474	-2.24462328	0.1426636
1439875_at	Zfp128	-2.71686585	0.04872999	-1.96435181	0.165926272	-2.32652765	0.11248652
1422938_at	Bcl2	-1.14940322	1.14954727	-1.96358493	0.154724409	-3.02443363	0.04414384
1450989_at	Tdgf1	-2.82853822	0.0403125	-1.96272312	0.171713894	-1.59805456	0.48399317
1450977_s_at	Ndrp1	-2.40499962	0.07616613	-1.96245105	0.158705939	-1.91793213	0.22042227
1421209_s_at	Ikkg	-2.59704018	0.05743217	-1.96212008	0.156614862	-2.38695825	0.10124352
1452888_at	1110034G24	1.62746329	0.51024005	-1.96136087	0.157301357	-2.44366242	0.09400138
1421038_a_at	Kcnn4	-1.64448593	0.32215328	-1.96023506	0.155867123	-2.46988123	0.09089235
1439450_x_at	A230046K03	-1.47717935	0.51350211	-1.95994069	0.156390244	-2.43741178	0.09451546
1437667_a_at	Bach2	-2.90538631	0.03565161	-1.95808039	0.156734893	-3.98587095	0.01685072
1454973_at	Atf7ip	-2.31338171	0.08799439	-1.95622638	0.156694255	-1.42341203	0.69824895
1442254_at	---	-2.31061997	0.08810028	-1.95406032	0.163710364	-3.16889531	0.03822055
1436306_at	Ppp6r1	-2.69412477	0.04866667	-1.95366305	0.15677058	-2.86409961	0.05121486
1451517_at	Rhobtb2	-2.16940338	0.11047957	-1.95210186	0.161764986	-2.50155181	0.08706442
1455476_a_at	Gse1	-2.57579004	0.05773821	-1.95181998	0.16983871	-1.91856813	0.22737903
1460738_at	Limd2	-2.27359455	0.09189424	-1.95139387	0.159171484	-2.43070532	0.09501025
1418915_at	Mmachc	-2.55446293	0.0610585	-1.95128566	0.161346062	-3.16097582	0.03830212
1452175_at	1810026J23R	-2.23570009	0.09887683	-1.95040897	0.167589244	-1.92745432	0.22002993
1428637_at	Dyrk2	-1.198669	1.07906696	-1.94878959	0.160368421	-2.41479101	0.09620458
1431081_a_at	Plscr3	-2.27006195	0.09228	-1.94862525	0.15962963	-2.18593676	0.13593453
1416174_at	Rbbp9	-2.32075088	0.08747323	-1.94527843	0.161271511	-1.79970029	0.28515542
1415917_at	Mthfd1	-1.95060501	0.16505768	-1.94248932	0.160793879	-2.63376507	0.07065506
1428151_x_at	Ccbl1	-2.38825464	0.07822706	-1.94034295	0.166680594	-2.94261065	0.04742312
1436985_at	Zfp644	-2.80120649	0.04250294	-1.9400426	0.164408298	-2.30370875	0.11539011
1433646_at	Mrps27	-2.11598343	0.12295775	-1.93974006	0.16403401	-2.63346691	0.07155428
1421876_at	Mapk9	-2.60096442	0.0572444	-1.93800416	0.16452325	-1.77814339	0.29189214
1435209_at	BC057079	-1.34131523	0.77485306	-1.93612666	0.171739927	-3.2108902	0.03716645
1421901_at	Eif2ak1	-2.96288644	0.0334966	-1.93483204	0.16588153	-2.38493233	0.10169241
1452103_at	Arl16	-2.26294523	0.09468934	-1.93397168	0.169649285	-2.20862221	0.13556614
1417470_at	Apobec3	-2.32985742	0.08614826	-1.93350255	0.169930939	-2.14138124	0.1499153
1448414_at	Rad1	-2.51211643	0.06570183	-1.93272762	0.177568663	-2.54799657	0.08397599
1452902_at	Dhrs13	-2.04678089	0.1400104	-1.93255124	0.164415094	-2.77425743	0.0593826
1421621_at	Rasgrf2	-2.67026576	0.05177019	-1.92980267	0.18469869	-2.30104362	0.11713785
1424425_a_at	Mtap	-1.41459755	0.61205563	-1.92822268	0.17249886	-2.67476411	0.06769957
1424191_a_at	Tmem41a	-1.67886551	0.29419471	-1.92691331	0.16497191	-2.67367047	0.06771478
1443084_at	Ctso	-2.29278064	0.08883817	-1.92596747	0.170059798	-2.04989261	0.17581447
1426963_at	Pacs2	-1.95831114	0.16375867	-1.92582952	0.168042573	-2.51452344	0.08423363
1424109_a_at	Glo1	-1.70814842	0.27783212	-1.92556701	0.169103926	-2.48670149	0.08777616
1431961_at	Dock8	-2.59502481	0.05698925	-1.92450622	0.170091954	-2.40326099	0.09855072
1451085_at	C030006K11	-2.14606187	0.11554974	-1.92449733	0.177019838	-2.72792063	0.06311446
1445884_at	---	-1.52687646	0.44723993	-1.92435282	0.171512374	-2.59689617	0.0740032
1416283_at	Gart	-1.91098087	0.18010476	-1.92244634	0.166503952	-2.51443339	0.08504089
1452792_at	Dzip1	-1.09298227	1.18859784	-1.92218874	0.171389271	-5.2744293	0.00712177
1416991_at	Mto1	-1.79579375	0.22846837	-1.92172469	0.166500929	-2.40650041	0.09740397
1425281_a_at	Tsc2d3	-1.36940577	0.70652566	-1.92012469	0.170927031	-2.44350152	0.09297147

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1424513_at	Atp6v0a2	-2.45343265	0.07060606	-1.91749347	0.170853994	-2.2093878	0.1315235
1417796_at	Gps2	-2.36516637	0.08057165	-1.91692869	0.170606618	-2.59078028	0.07443825
1429621_at	Cand2	-2.30656348	0.0897546	-1.91676039	0.180408889	-1.65277461	0.40623433
1460447_at	Pus7l	-1.52774102	0.44298109	-1.91604972	0.171726981	-2.62454075	0.07180476
1458532_at	Mtr	-2.69000403	0.05032563	-1.91461369	0.186996099	-2.4990735	0.09078335
1426749_at	Prmt3	-1.55775498	0.40062124	-1.91037827	0.171394495	-2.49982713	0.08708425
1415774_at	Elp2	-2.25481385	0.09435931	-1.90787722	0.176422764	-2.45513666	0.09165966
1419695_at	St8sia1	1.0808178	1.1296748	-1.90300146	0.176425993	-4.04882045	0.01632696
1435965_at	Cnot3	-2.26917048	0.09178523	-1.90278822	0.176213285	-2.47215637	0.09068279
1423914_at	C630004H02	-1.73113912	0.27089154	-1.90232886	0.180454343	-2.67560782	0.06887468
1416601_a_at	Rcan1	-2.51624372	0.06498239	-1.89816008	0.179610215	-2.34440475	0.10707257
1429683_at	Ttpal	-2.27723788	0.09182673	-1.89786846	0.177660819	-1.95315981	0.20824499
1450894_a_at	Ap2m1	-2.90518157	0.03572529	-1.89652493	0.181028825	-2.27719578	0.11984438
1436360_at	Zscan22	-3.01591339	0.03139633	-1.89649425	0.177722772	-2.60564402	0.07404476
1431938_a_at	Pmm2	-2.1040612	0.12539106	-1.8959247	0.178918312	-2.51085143	0.08578792
1419687_at	Macrod1	-1.95803968	0.16352315	-1.89575168	0.180214286	-3.87194913	0.01851145
1435369_at	Fastkd5	-2.30359964	0.08890496	-1.89565313	0.181109637	-2.03411324	0.18366724
1417544_a_at	Flot2	-2.38630481	0.07919815	-1.89333321	0.180493114	-2.37010888	0.10227446
1434155_a_at	2310061I04R	-1.98502659	0.15595318	-1.89200163	0.17897712	-2.87060203	0.05193193
1452721_a_at	Ccdc53	-2.07044613	0.13416444	-1.89172407	0.181303579	-2.5408332	0.08270106
1428791_at	Ube2h	-3.89190546	0.01208333	-1.89016433	0.181289183	-2.23309816	0.12654676
1427099_at	Maz	-2.24930609	0.09531984	-1.88934347	0.180484014	-1.96108219	0.20354324
1451540_at	Mpi	-2.28229719	0.09076351	-1.88841607	0.184271972	-1.89277335	0.23038853
1424053_a_at	Tcf25	-2.24145676	0.09664078	-1.88714028	0.180474712	-2.12390858	0.15201082
1419448_at	Tbc1d1	-2.46819834	0.06875427	-1.88702473	0.180426099	-2.99949231	0.04457871
1459398_at	Peli1	-3.45209779	0.01904762	-1.88672392	0.214206349	-1.30624302	0.95041287
1448116_at	Uba1	-2.88841892	0.0363125	-1.88413195	0.181000886	-2.72472381	0.06229464
1428146_s_at	Acaa2	-1.86423879	0.19699959	-1.88264589	0.181105705	-2.85814016	0.05233598
1447629_at	Cox16	-2.25902202	0.09731314	-1.8777999	0.215482595	-2.09978022	0.17133242
1436034_at	Cep68	-1.88610501	0.19130217	-1.87542816	0.189871189	-2.51529916	0.08419523
1430074_x_at	8430426H19	-2.38811117	0.07826459	-1.87520718	0.189892612	-2.00440633	0.19352551
1416388_at	Pip4k2c	-1.81513686	0.21902347	-1.87186103	0.187666379	-2.40528581	0.09927774
1431885_a_at	Mus81	-2.34038899	0.08443542	-1.87181562	0.193889597	-2.14834149	0.1497009
1436312_at	Ikzf1	-1.44872457	0.54879916	-1.87141994	0.187530329	-2.5636216	0.07833073
1452319_at	LOC1005050	-1.57809421	0.38767505	-1.8713486	0.187470767	-2.89241253	0.04972421
1429681_a_at	Tecr	-2.81163633	0.04078947	-1.87105245	0.186342311	-1.903428	0.22903108
1421047_at	Smad5	-2.33772193	0.08740714	-1.87020748	0.208794498	-2.41269966	0.10163134
1433468_at	6430527G18	-2.2923304	0.08878434	-1.8680525	0.188448944	-1.95042024	0.2133591
1416345_at	Timm8a1	-1.5877165	0.37301135	-1.86420864	0.193000853	-2.5972202	0.07513514
1455132_at	Rasal3	-1.84301354	0.21057165	-1.86253388	0.197216409	-2.96836122	0.04540217
1421116_a_at	Rtn4	-2.28228928	0.09228972	-1.8619143	0.204045175	-1.57133051	0.49717314
1416888_at	Fadd	-2.37454319	0.0808289	-1.86182181	0.192900341	-2.21574983	0.132
1457106_at	Thada	-2.98694016	0.03233333	-1.85853175	0.19417657	-4.72604489	0.00942363
1418578_at	Dgka	-2.29944124	0.08818876	-1.8584931	0.193279456	-2.98883516	0.04467778
1420482_at	Cnnm3	-2.40216181	0.07632962	-1.85456821	0.204036169	-1.97101442	0.19914773
1455235_x_at	Ldhb	-2.78367027	0.04364162	-1.8498757	0.198654485	-1.03242955	1.20286817
1448365_at	Exosc7	-1.8815544	0.192075	-1.84884592	0.197580309	-2.45292819	0.09259595
1423912_at	Aspscr1	-2.2745587	0.09190349	-1.84869428	0.195894515	-2.16128101	0.1427602

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1416427_at	Ccni	-2.32513852	0.08645278	-1.84825865	0.197019756	-1.8721119	0.24095808
1421081_a_at	Banf1	-1.93584933	0.1710027	-1.84702279	0.197324415	-2.4869658	0.08835994
1444718_at	Trem12	-2.30972058	0.09309429	-1.84661528	0.232558315	-2.52387128	0.09084866
1415790_at	Ublcp1	-2.36612561	0.08197141	-1.84640837	0.197340604	-2.15529697	0.14624434
1424829_at	A830007P12	-3.39411787	0.01977737	-1.84614602	0.202851257	-2.33039041	0.1101517
1450476_at	Cnr2	-2.56504061	0.06029218	-1.84555747	0.204022186	-2.87929711	0.05110664
1437663_at	Pigv	-1.98351595	0.15511249	-1.84514603	0.197988338	-2.48285498	0.08888728
1425539_a_at	Rtn3	-2.31522649	0.08813691	-1.84482419	0.199909016	-1.97520629	0.19992314
1436022_at	Exog	-2.04424295	0.1401296	-1.84402302	0.198624844	-2.416203	0.09616521
1428800_a_at	Pus7l	-1.50989511	0.46532571	-1.84357784	0.200689513	-2.44272818	0.09364454
1455309_at	Ano6	-2.31142091	0.08832985	-1.83770475	0.207773708	-2.08807712	0.16508181
1434948_at	Rab11fip2	-2.3427397	0.08418708	-1.83733114	0.200760017	-1.27888954	0.98648399
1443772_at	Dzip1	-1.15494701	1.07178046	-1.83665629	0.25314073	-7.12466246	0.00304636
1437709_x_at	Ttc13	-1.38127445	0.68996237	-1.83553421	0.20820284	-2.44274793	0.09284819
1453110_at	Poc1b	-2.41361963	0.07525081	-1.83548119	0.211972843	-2.23975873	0.12538892
1455210_at	Zhx2	-2.46740864	0.06864636	-1.83527552	0.203962963	-1.6474123	0.40705415
1421352_at	Tlr6	-2.20800994	0.10216367	-1.83420726	0.205079755	-2.5094682	0.08511473
1422188_s_at	Tcrg-V2 /// T	1.66173846	0.58793221	-1.83087928	0.267779296	-10.5994806	0.00063291
1435234_at	Ncoa2	-2.76633332	0.04444949	-1.82992561	0.205897959	-1.60716717	0.45280537
1428499_at	2810454L23F	-2.53821627	0.0622525	-1.8265864	0.210599356	-2.18792002	0.13810598
1415755_a_at	Ube2v1	-2.26951391	0.09316523	-1.82411708	0.211571772	-2.1308268	0.15180699
1426384_a_at	Ywhae	-2.76931021	0.04431844	-1.81947429	0.214041286	-1.99380134	0.19386335
1456147_at	St8sia6	-2.74675202	0.04565556	-1.81845934	0.21356148	-3.83623651	0.01900376
1448218_s_at	Ywhaz	-2.30971792	0.08816212	-1.8183333	0.213606688	-1.63639005	0.40137317
1439487_at	Lig4	-2.4162672	0.07531881	-1.81829339	0.20919596	-1.98504952	0.19626994
1451024_at	S1pr4	-2.10151779	0.12616499	-1.81609122	0.213897497	-2.72979321	0.06236396
1417786_a_at	Rgs19	-2.23881451	0.09740502	-1.81570522	0.211796719	-2.47908889	0.08861795
1442042_at	LOC1005046	-1.83426659	0.20997644	-1.81512428	0.212927121	-2.88896622	0.04967347
1432188_s_at	Nup43	-2.0540173	0.13948384	-1.81395458	0.220354086	-2.42475391	0.0969571
1422709_a_at	Wdr46	-1.75644086	0.25170439	-1.81338468	0.215806706	-2.72580999	0.06285968
1430051_at	4930486L24F	1.28287743	0.81359085	-1.81270187	0.213763911	-3.15152841	0.03835
1448757_at	Pml	-2.46914803	0.06880811	-1.81259716	0.212	-1.66832265	0.37420542
1448014_s_at	Usp24	-1.76970432	0.24373013	-1.81060059	0.214863366	-2.5214495	0.08414179
1426342_at	Stt3b	-1.18106088	1.10603104	-1.81043118	0.214952494	-2.96264001	0.04623794
1447961_s_at	Mrpl38	-1.86743108	0.1973451	-1.81034543	0.215632411	-2.60261155	0.07344051
1434499_a_at	Ldhb	-3.07437539	0.02897626	-1.80891966	0.217678152	1.0771892	1.14149745
1451018_at	Leprot11	-2.73588957	0.04695175	-1.80744281	0.226646341	-2.20503262	0.1348857
1425348_a_at	Srprb	-2.23652414	0.0981859	-1.80732797	0.217255595	-1.4132614	0.71569796
1446160_x_at	Tmem69	-1.72648963	0.26844473	-1.80623633	0.216658805	-2.40172616	0.09892105
1437177_at	Larp4	-2.56778012	0.06095327	-1.80027421	0.240136531	-1.97171587	0.21348631
1437828_s_at	Wdr46	-1.69772172	0.28237203	-1.79956723	0.21793036	-2.98718171	0.04476243
1452395_at	Med19	-2.32636639	0.08737705	-1.79859247	0.226245225	-2.14079008	0.15153998
1426292_at	Zfp790	-2.27551012	0.09223482	-1.79828913	0.226133231	-2.20764011	0.13416978
1434573_at	Traf3ip3	-2.23014369	0.09819693	-1.79782384	0.220590521	-1.86295996	0.24640804
1452000_s_at	Sars	-2.31271635	0.08803935	-1.79575849	0.223863024	-2.15453769	0.14545409
1425136_x_at	Dnm2	-2.1707747	0.10921791	-1.79559253	0.221027132	-3.00360479	0.0445045
1418257_at	Slc12a7	-1.38805045	0.66339121	-1.79509476	0.22224537	-2.82129006	0.05474659
1436199_at	Trim14	-2.38035761	0.07889404	-1.79443956	0.22288632	-2.29410008	0.1164231

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1430127_a_at	Ccnd2	-1.71105168	0.28143795	-1.79313404	0.230298677	-2.63898533	0.07167625
1437645_at	Atf7	-2.33175304	0.09131313	-1.79045344	0.287314845	-2.10013199	0.1836019
1416262_at	Tmem19	-2.55823713	0.06094129	-1.79029831	0.226449275	-1.97055907	0.20101975
1455387_at	Nufip2	-2.44507152	0.07242727	-1.78660619	0.26837985	-2.8907256	0.05047764
1418860_a_at	Letmd1	-2.32065973	0.08751601	-1.78148458	0.233763602	-2.92720747	0.04909845
1420165_s_at	Dnajc17	-2.2459669	0.09640959	-1.77984507	0.230321118	-1.90565462	0.225083
1419046_at	Brp16	-2.00316556	0.15030034	-1.77932083	0.228614275	-2.48750886	0.08826812
1423854_a_at	Rasl11b	-2.64039115	0.05281947	-1.77699752	0.232430294	-1.43275474	0.69514183
1431609_a_at	Acp5	-1.62886458	0.33255296	-1.77635098	0.230773877	-2.60909896	0.07304453
1444102_at	LOC1005036	-2.24711403	0.09923077	-1.77349877	0.279108153	-1.74445736	0.34611822
1418775_at	Al837181	-2.6000609	0.05731778	-1.77259752	0.236539896	-2.29074203	0.11594787
1416982_at	Foxo1	-2.30922167	0.08752489	-1.77250128	0.237193897	-1.45504792	0.65407567
1418888_a_at	Sepx1	-2.76749683	0.04431663	-1.77076979	0.241336996	-2.1440472	0.14946633
1418146_a_at	Rbl2	-2.58482212	0.05816874	-1.76854754	0.240907421	-1.46715368	0.62940196
1420817_at	Ywhag	-2.37557485	0.08123298	-1.76794288	0.240195861	-2.20707655	0.13284182
1423218_a_at	Mrpl49	-1.99718319	0.15178344	-1.76707303	0.237588257	-2.5279215	0.08321752
1416722_at	Hmg20a	-2.23363998	0.09825976	-1.766675	0.240779698	-2.75283219	0.06022202
1423269_a_at	Nedd4l	-3.53482387	0.01668058	-1.76493901	0.242975539	-3.17843885	0.0373891
1416852_a_at	Ncdn	-2.3233261	0.08586182	-1.76405637	0.246258577	-2.11627435	0.15572467
1435802_at	Zbtb45	-2.63737003	0.05287298	-1.76404822	0.238977778	-2.46275822	0.09097163
1418980_a_at	Cnp	-2.99586995	0.0318118	-1.7632414	0.242021238	-2.54744324	0.08109315
1435840_x_at	LOC625360	-1.99097025	0.1662374	-1.76247973	0.268382053	-4.20643096	0.01495495
1416213_x_at	Surf4	-2.59206159	0.05771676	-1.76196467	0.240239676	-2.35297338	0.10495641
1424151_at	Aimp2	-1.60294694	0.358876	-1.76193007	0.244335029	-2.40422458	0.09896121
1434116_at	Cbx2	-2.06767103	0.13432749	-1.76170415	0.241198241	-2.62213446	0.07150165
1425816_at	Zfp287	-2.66836002	0.05185376	-1.76163902	0.266934932	-2.67384036	0.06773585
1426343_at	Stt3b	1.09364916	1.10626983	-1.75739683	0.244018182	-2.68419596	0.06629213
1450025_at	Pard6g	-2.46978136	0.06878194	-1.75545904	0.246717172	-1.37410127	0.79673971
1436797_a_at	Surf4	-2.26066674	0.09466579	-1.75444331	0.244976407	-2.16825334	0.14244228
1421863_at	Vamp1	-2.50858415	0.06420071	-1.75298461	0.263510712	-1.46185816	0.6464514
1435958_at	LOC1001357	-2.32671849	0.08645324	-1.75292184	0.249158008	-2.00741189	0.18731872
1448237_x_at	Ldhb	-2.59585236	0.05775	-1.75286311	0.250694197	1.03733485	1.17883877
1416183_a_at	Ldhb	-2.23035754	0.09914758	-1.7523124	0.248558591	-1.14454565	1.1755645
1432023_a_at	Slc17a9	-1.98164472	0.1571266	-1.75225572	0.246488632	-2.51991197	0.08416293
1426816_at	Ccdc64	-1.30738888	0.83331372	-1.75147857	0.246725568	-2.64830325	0.0694187
1428895_at	Rftn2	-2.43112656	0.0745462	-1.74702469	0.260257302	-1.92329491	0.22215934
1422440_at	Cdk4	-1.79283162	0.23061007	-1.74668566	0.248583243	-2.52641212	0.08322264
1415687_a_at	Psap	-2.53880572	0.06146544	-1.74611672	0.248703305	-3.33271974	0.03110953
1429571_a_at	Spaca1	-2.54611338	0.06400356	-1.74446139	0.296488476	-1.38069214	0.78844529
1459224_at	---	-2.6892583	0.05226626	-1.7430855	0.304484811	-2.78832424	0.06189189
1440298_at	Trem12	-2.51177691	0.06470328	-1.74177508	0.251444326	-5.0519429	0.00803333
1428903_at	Dem1	-2.33712517	0.08545255	-1.74054607	0.263019716	-2.04701972	0.17749121
1451168_a_at	Arhgdia	-2.70226033	0.04871383	-1.73961333	0.255140845	-2.64453976	0.07005021
1423924_s_at	Tspan14	-1.66007682	0.31193521	-1.7395028	0.257870629	-2.44572976	0.09354325
1456312_x_at	Gsn	-2.78969681	0.0430662	-1.737657	0.256961094	-1.42643928	0.70074034
1452097_a_at	Dusp7	-2.75145551	0.0458674	-1.73723148	0.269220075	-2.74453169	0.06288
1416307_at	Ap1m1	-2.28280348	0.09097775	-1.73495912	0.255677669	-2.15230371	0.14403234
1438975_x_at	Zdhc14	-2.83263556	0.03961212	-1.72983568	0.268462844	-2.45684186	0.09243885

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1448008_at	Ankhd1	-2.43854963	0.07359736	-1.72953994	0.274114688	-2.7138168	0.0643547
1428429_at	Rgmb	-1.89114065	0.19076151	-1.72921429	0.26829086	-2.40652543	0.09929134
1451248_at	Prmt7	-2.13057819	0.11917667	-1.72860112	0.269027778	-2.41551364	0.09687919
1418291_at	Zfp87	-2.36994734	0.08207363	-1.72751112	0.266448406	-2.07307886	0.16951724
1451131_at	Arl6ip1	-2.54765808	0.06221416	-1.72209731	0.273287395	-2.02302853	0.18392291
1424953_at	BC021614	-2.53151904	0.0629991	-1.72123411	0.266188679	-1.3567062	0.83085025
1437341_x_at	Cnp	-2.57960469	0.0590961	-1.72112276	0.26829809	-2.05181406	0.175281
1425173_s_at	Golph3l	-2.34825378	0.08372768	-1.72106112	0.268288442	-1.84057091	0.26319043
1440939_at	Sept6	-2.32547431	0.08738726	-1.71889927	0.313774855	-2.18487387	0.14336709
1455071_at	Zbtb7b	-2.29219535	0.08940655	-1.71683334	0.269901861	-2.15542894	0.14395043
1419469_at	Gnb4	-2.51000459	0.06507476	-1.71658346	0.269813812	-1.00581502	1.20289679
1448674_at	Rnf25	-2.62610876	0.0555094	-1.71543762	0.274059041	-2.70166101	0.06489991
1417240_at	Zyx	-2.2843494	0.09039349	-1.71252296	0.270921675	-2.08082168	0.16578555
1433753_x_at	Eral1	-2.40186212	0.0768517	-1.70795899	0.27636151	-2.57271801	0.07829688
1451465_at	Ubl7	-3.2339783	0.02361345	-1.70668286	0.278211788	-2.05530856	0.17301751
1450742_at	Bysl	-1.46573741	0.52119015	-1.70261432	0.280179223	-2.4235077	0.09556834
1436103_at	Rab3ip	-2.4453427	0.07301824	-1.70192996	0.281716639	-2.60525875	0.07350201
1416184_s_at	Hmga1 /// H	-2.6134037	0.05544191	-1.69832786	0.284078084	-2.51107479	0.08565634
1422909_at	Smc6	-3.07650712	0.02817496	-1.69200442	0.287451939	-1.71759314	0.33235624
1421267_a_at	Cited2	-3.29467616	0.0230102	-1.69116997	0.327247948	-2.53173546	0.0840015
1438758_at	Adi1	-1.92280394	0.17527851	-1.68878031	0.28875	-2.39931348	0.09937049
1416352_s_at	Tecr	-2.63834824	0.0527834	-1.68709943	0.290103661	-1.8671528	0.24455242
1457983_s_at	Rwdd4a	-1.96853405	0.16220149	-1.6861252	0.298255333	-2.40745139	0.09849044
1440208_at	Rac2	-2.32130056	0.08648081	-1.68018877	0.318471971	-2.17606	0.14175321
1434495_at	Patz1	-2.32335831	0.0873624	-1.67892952	0.297463306	-2.35711421	0.1043797
1420099_at	D13Ertd787e	-2.78569376	0.04432155	-1.6789237	0.355156466	-2.1851263	0.14612173
1453557_at	4930562F07F	-2.35635189	0.0812869	-1.67811316	0.301610971	-1.7055062	0.34763058
1424903_at	Kdm5d	-1.56707041	0.38891374	-1.67677022	0.297699171	-6.35488052	0.00348718
1448619_at	Dhcr7	-2.73430024	0.04569522	-1.67586585	0.309012384	-2.21849556	0.12934605
1429950_at	Unc5cl	-3.35619529	0.02023679	-1.67549417	0.299338608	-2.37901879	0.10210728
1415694_at	Wars	-2.78519499	0.04311991	-1.67535094	0.299144758	-2.12645206	0.15577444
1420678_a_at	Il17rb	-2.62946325	0.05476096	-1.67178385	0.335008666	-1.27037404	0.99438127
1417927_at	Ddx19a	-2.34339475	0.08486029	-1.66981121	0.303565381	-2.20575874	0.13435966
1433931_at	C030046I01R	-2.30077249	0.08833333	-1.66664673	0.303046482	-2.05578349	0.1711091
1416875_at	Parvg	-3.27856614	0.02237113	-1.66366505	0.308065319	-2.54362325	0.08116833
1460242_at	Cd55	-2.41963874	0.0755012	-1.66358049	0.319518942	-2.86800327	0.05287834
1428959_at	5830405N20	-1.54029498	0.4239358	-1.66344788	0.309894964	-2.40497462	0.09785997
1458303_at	Rnf165	-1.37299528	0.72313717	-1.66271012	0.322989905	-2.53436913	0.08401049
1419164_at	Zfp260	-2.3961834	0.07824766	-1.66264865	0.316215394	-1.56488141	0.5019141
1416602_a_at	Rad52	-2.23047349	0.09883706	-1.6622703	0.308853424	-1.89210218	0.24100843
1460548_a_at	Eral1	-1.9843846	0.15467881	-1.66059662	0.30696167	-2.55778795	0.07878694
1438631_x_at	Ttc13	-1.37570074	0.70331746	-1.65940572	0.319789663	-2.40755151	0.09736249
1456891_at	Dennd2c	-2.27319797	0.09261825	-1.65920061	0.319486023	-1.57824189	0.48147053
1452928_at	Abi3	-2.25830707	0.09440185	-1.65612511	0.316038368	-2.38498744	0.10177835
1458889_at	Evl	-2.82106518	0.04021687	-1.65569278	0.315177045	-4.73300026	0.00948424
1424032_at	Hvcn1	-1.38029184	0.6675408	-1.65278416	0.316128151	-2.7017765	0.06414097
1426723_at	Wdr48	-2.43484511	0.0723186	-1.6523737	0.320608331	-1.86038988	0.24596254
1415812_at	Gsn	-2.81210085	0.04078853	-1.65232598	0.317353119	-1.15856046	1.16650714

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1415886_at	Sh2d3c	-1.96414985	0.16220876	-1.65086826	0.318503012	-2.42658097	0.095
1429284_at	Mobkl2b	-1.58260915	0.37704102	-1.65085682	0.321567342	-3.0547091	0.04329873
1437013_x_at	Atp6v0b	-2.20944906	0.10163546	-1.65020089	0.318443439	-2.59015183	0.07403355
1429209_at	Col23a1	-2.24549991	0.09740026	-1.64332937	0.356302544	-1.4033323	0.76292362
1451174_at	Lrrc33	-2.39576821	0.0769249	-1.64041783	0.325056047	-1.74123791	0.31671416
1458586_at	---	5.6628697	0.06421965	-1.63967134	0.387706612	4.88291726	0.12027719
1417461_at	Cap1	-2.66299552	0.05176289	-1.63937966	0.329163021	-1.96346244	0.20347809
1455391_at	Rad23a	-2.32876759	0.08642341	-1.63720124	0.325183107	-2.44425816	0.0928223
1452139_at	Slc35c1	-2.83998833	0.03913415	-1.63486329	0.334132831	-2.16245483	0.14357794
1434388_at	Mobkl2a	-3.4806699	0.01784861	-1.6335946	0.331640489	-2.56246092	0.07932453
1416407_at	Pea15a	-2.40449679	0.07636725	-1.63293798	0.328797431	-2.26553221	0.12081282
1451086_s_at	Rac1	-2.40321657	0.07737964	-1.63293421	0.331233634	-1.56067125	0.48578029
1428117_x_at	Dynlt1a /// D	-1.64837558	0.32793352	-1.630608	0.350326451	-2.765001	0.05977695
1451852_at	Tcstv3	-1.98373823	0.16078514	-1.62903959	0.356416137	-3.15038177	0.03879162
1418437_a_at	Mlx	-2.31925802	0.08733906	-1.62778858	0.343735486	-2.11536018	0.15784342
1418838_at	Abcd1	-2.84279487	0.03875306	-1.62267042	0.340894541	-2.05304464	0.17204505
1416338_at	Sh3gl1	-1.95181547	0.16511542	-1.62028957	0.342688264	-2.39959622	0.09855168
1426550_at	Sidt1	-1.1728485	1.11942119	-1.61743941	0.344984485	-3.03115298	0.0432448
1450982_at	Slc9a3r1	-2.66980925	0.05115385	-1.60688498	0.352165924	-1.94653282	0.21199612
1447683_x_at	Mettl1	-1.32796458	0.78933215	-1.60572704	0.356204036	-2.98649161	0.04520742
1416873_a_at	Cdk2	-2.59173821	0.05738669	-1.60137368	0.361268106	-2.02674558	0.18357664
1428873_a_at	Msl1	-2.38361297	0.07912674	-1.59909982	0.377468288	-2.42788485	0.09460905
1434920_a_at	Evl	-1.76879477	0.24427164	-1.59772229	0.369989227	-3.67501889	0.02293805
1416124_at	Ccnd2	-2.32918193	0.08649351	-1.59718157	0.387799328	-2.19907732	0.13854603
1448829_at	Smc6	-2.43191027	0.0726639	-1.59410869	0.386728875	-2.34257461	0.10643033
1452647_a_at	Dph2	-2.0282376	0.14305145	-1.59374594	0.371772593	-2.65487082	0.06915182
1448380_at	Lgals3bp	-1.48477055	0.48962778	-1.59271154	0.368665226	-2.56785724	0.07844895
1421394_a_at	Xiap	-2.28980541	0.08985014	-1.58908908	0.372025181	-1.75759784	0.3044481
1418942_at	lft74	-2.26926223	0.0919223	-1.5890542	0.375664985	-1.81764232	0.3009069
1454047_a_at	2410017P07F	-2.25542347	0.09455023	-1.58844301	0.378087964	-1.25006519	1.04160892
1433710_at	Edc3	-2.3414004	0.08534357	-1.586862	0.384173597	-2.05548902	0.17577196
1423358_at	Ece2	-1.89217431	0.1849553	-1.57630313	0.384265662	-2.52730538	0.08325038
1423978_at	Sbk1	-2.32520836	0.08625544	-1.57453955	0.387360248	-1.95948564	0.21454091
1420515_a_at	Pglyrp2	-2.38056386	0.07875194	-1.57415034	0.390760925	-2.58883557	0.07474145
1415995_at	Casp6	-2.30954982	0.08829268	-1.57169542	0.396080875	-1.59797149	0.44570203
1426607_at	Gm7120	-1.42683318	0.61127234	-1.57155381	0.412213497	-2.50265889	0.08993544
1448810_at	Gne	-2.39993722	0.07731438	-1.56731663	0.399502776	-2.44363984	0.09414769
1436991_x_at	Gsn	-2.41319863	0.07633174	-1.55996284	0.414630217	-1.00634269	1.20300855
1418843_at	Slc30a4	2.10668557	0.33750881	-1.55808614	0.408554128	-3.45321462	0.02818457
1434457_at	Sp100	-2.63329959	0.05279798	-1.55489447	0.415995613	-2.02459967	0.18361839
1450033_a_at	Stat1	-2.50703708	0.06560699	-1.55464301	0.424461502	-1.82947961	0.26859067
1455671_at	CommD8	1.10832424	1.093047	-1.54561393	0.427781757	-2.4551395	0.09216935
1425531_at	Znhit1	-2.45278651	0.07142617	-1.54529435	0.430544379	-2.4143196	0.09701543
1429356_s_at	Ggps1	-2.25015076	0.09668605	-1.54476423	0.428203664	-1.9776905	0.20109463
1421848_at	Slc22a5	-2.47315901	0.06885302	-1.54265452	0.428492988	-2.07776861	0.16645882
1439141_at	Gpr18	-2.34349221	0.08530358	-1.54092858	0.447290129	-2.30647555	0.11592043
1455990_at	Kif23	-2.33817568	0.08459161	-1.53869078	0.491229808	-1.17628148	1.11200442
1451561_at	Prr12	-2.57631679	0.05881453	-1.53512911	0.432270794	-1.86734695	0.24252539

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1428708_x_at	Ptms	-2.26256358	0.09431489	-1.53400516	0.433602543	-1.39009486	0.75669043
1448118_a_at	Ctsd	-1.83168531	0.21035253	-1.53062054	0.436205284	-2.519682	0.08394757
1418174_at	Dbp	-2.73783088	0.04560488	-1.53060109	0.449516686	-1.50566763	0.58076119
1416538_at	Siae	-2.23794565	0.09978467	-1.52659778	0.484210871	-1.57825465	0.48845356
1416013_at	Pld3	-2.2440088	0.09712258	-1.52555938	0.443443003	-1.54538182	0.51262054
1460085_at	Zfp281	-2.693241	0.0504	-1.51934377	0.486565964	-1.6778786	0.37945905
1449125_at	Tnfaip8l1	-2.4255832	0.07435603	-1.51769476	0.45777398	-1.58427927	0.45573402
1417228_at	Capn1	-2.25225993	0.09553025	-1.51735992	0.458790634	-2.0248827	0.18177538
1437614_x_at	Zdhhc14	-2.63273078	0.05276596	-1.51369024	0.499348057	-2.25806967	0.12281674
1424738_at	Mudeng	-2.27590447	0.09216578	-1.50466258	0.49677977	-1.75550366	0.31271047
1433964_s_at	Fermt3	-2.42891443	0.07447433	-1.50334556	0.482690622	-1.92673968	0.216327
1437547_s_at	Dnajc14	-2.33720887	0.0851393	-1.5018718	0.500031807	-2.28020995	0.11993678
1418167_at	Tcfap4	-1.71780943	0.27186375	-1.49880739	0.49346261	-2.47683026	0.08953957
1417551_at	Cln3	-1.86040493	0.20354968	-1.49824303	0.505461038	-2.58375928	0.0759588
1455435_s_at	Chdh	-3.55448776	0.01726899	-1.4976564	0.548274112	1.13822308	1.08339677
1440885_at	Evl	-2.02603861	0.14884252	-1.49383071	0.553132856	-3.56543145	0.02605723
1450393_a_at	Adat3 /// Sca	-1.84821595	0.20531711	-1.49081716	0.49827476	-2.49034105	0.08771866
1457687_at	Bcl2	1.33845317	0.73152518	-1.49027991	0.498955764	-2.6127758	0.07230081
1441556_at	---	-2.58077315	0.06706644	-1.4889686	0.692814719	-1.09145173	1.01262339
1416122_at	Ccnd2	-1.49848018	0.48634438	-1.48823257	0.511179412	-2.47383624	0.09029286
1422842_at	Xrn2	-2.36607095	0.08255255	-1.48769969	0.520413172	-1.7701153	0.3118693
1417697_at	Soat1	-2.60190809	0.06088951	-1.48251839	0.562386039	-1.67602074	0.39681394
1416548_at	Slc35b4	-2.32062488	0.08754986	-1.47523351	0.522765568	-1.96436542	0.2045119
1420092_at	Morc3	-2.24413324	0.09657827	-1.47370048	0.579704998	-1.68723781	0.35868303
1460720_at	Trpc4ap	-2.29204177	0.08899931	-1.47306729	0.533595506	-1.7938675	0.28344018
1422573_at	Ampd3	-2.5458722	0.06123616	-1.47264531	0.535827338	-2.52168837	0.0837848
1419584_at	Ttc28	-2.60588786	0.05693738	-1.4723136	0.527346651	-1.15855377	1.16579199
1438619_x_at	Zdhhc14	-3.12308464	0.02766871	-1.46839659	0.543384707	-2.18395278	0.13907436
1419102_at	Sin3a	-2.3062544	0.08813678	-1.46511272	0.542593472	-1.68624208	0.36623734
1438208_at	Taok2	-2.46934486	0.06881702	-1.46408908	0.571642722	-2.47439931	0.09092133
1444181_at	Gimap5	-2.51684842	0.06355993	-1.46309488	0.545201653	-1.12632122	1.18124384
1427442_a_at	App	1.13362096	1.08476111	-1.46266225	0.583545675	-3.8937673	0.01896422
1420824_at	Sema4d	-2.33938612	0.08463181	-1.46089248	0.543376136	-1.51603178	0.53474795
1452389_at	Cd27	-3.69710239	0.01433486	-1.45775675	0.546948256	-1.16841274	1.15388204
1435241_at	Heatr5a	-1.52575502	0.44043254	-1.45674497	0.555797381	-2.40403572	0.09911958
1422799_at	Bat2	-2.11845135	0.12127056	-1.45246158	0.554764842	-2.50842186	0.0854216
1423417_at	Smarcc1	-2.97561251	0.03350685	-1.44680117	0.588825715	-1.75236908	0.32628033
1428997_at	Phf23	-2.26346553	0.09436388	-1.44559992	0.566226702	-1.99870193	0.19003753
1418015_at	Pum2	-2.36756385	0.07998471	-1.43870254	0.622830921	-1.71194735	0.35353854
1450495_a_at	Klrk1	6.12255997	0.05566524	-1.43758773	0.611892136	-1.61621598	0.44127451
1426781_at	Tyw1	-2.22821483	0.09912158	-1.43276632	0.615805351	-1.70975349	0.35380673
1427911_at	Tmem173	-2.7714225	0.04416284	-1.41977928	0.625884723	-1.73510945	0.32341561
1456178_at	Bambi-ps1	-2.03924719	0.1410437	-1.41008455	0.641647727	-3.47884082	0.02763077
1437122_at	Bcl2	1.33050137	0.7493689	-1.40555022	0.649542662	-2.69987011	0.06439195
1434206_s_at	Ppp2r5c	-2.2585758	0.09442396	-1.40456494	0.652973019	-1.69264958	0.35872991
1427416_x_at	Dusp7	-2.41858236	0.07640985	-1.39988825	0.690124858	-2.6812703	0.06914189
1435635_at	Pcmt1	-3.42377208	0.02016514	-1.39687378	0.695906545	-2.17950674	0.14637914
1434930_at	Tpcn1	-2.47638965	0.06769099	-1.39529322	0.673567038	-2.01462781	0.18407265

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1450851_at	Wdr1	-2.48515069	0.06746346	-1.38586174	0.694043716	-1.75824161	0.30493735
1456851_at	---	-1.77729932	0.26151182	-1.38058687	0.721351602	-4.07838131	0.01591793
1417030_at	Tmem206	-2.54988998	0.0604878	-1.37819497	0.72284347	-1.61885077	0.42061705
1427306_at	Ryr1	4.6303032	0.09159122	-1.37083348	0.731411389	-1.29133949	0.96922416
1430447_a_at	Lair1	1.09044222	1.12199512	-1.37081764	0.733200182	-2.58380406	0.07852025
1452823_at	Gstk1	-1.49631785	0.47620229	-1.36759084	0.730024439	-2.49984157	0.08702346
1421140_a_at	Foxp1	-1.89927656	0.18309841	-1.36490449	0.735944638	-2.94812971	0.04651386
1422438_at	Ephx1	-6.24317541	0.00286713	-1.36400601	0.736871332	-1.00312403	1.20256276
1444014_at	D830025C05	-2.90814325	0.03550388	-1.36074179	0.740584182	-2.07994205	0.16835952
1423600_a_at	Tcof1	-2.27794566	0.09070223	-1.35791985	0.755481742	-2.13473699	0.15149901
1448354_at	G6pdx	-2.4402574	0.07417077	-1.35266382	0.772550164	-1.71580825	0.3517966
1426783_at	Kat2a	-1.63391357	0.32806326	-1.33471958	0.797784914	-2.40995577	0.09738095
1435331_at	Pyhin1	-2.2528168	0.0951634	-1.32831748	0.810932476	-1.61093692	0.43023423
1443884_at	Thada	-1.6341703	0.3288403	-1.32351389	0.825538381	-2.42849638	0.09551864
1415787_at	Ganab	-2.40318881	0.07618516	-1.31724162	0.836620893	-1.95747652	0.20432035
1419470_at	Gnb4	-2.29536725	0.08884377	-1.31615555	0.847015661	1.5560571	0.59816687
1438963_s_at	Tfpt	-2.54475189	0.0611819	-1.31008916	0.852231395	-1.93084185	0.21976422
1457637_at	---	-2.51919593	0.06302074	-1.29893869	0.886799906	2.28524155	0.35092993
1418181_at	Ptp4a3	-2.67913696	0.04944857	-1.29601582	0.879428027	-1.57848804	0.48732442
1435836_at	Pdk1	-1.56706317	0.45102265	-1.28210848	0.909343594	-3.0018218	0.04529412
1416896_at	Rps6ka1	-2.71506487	0.04776573	-1.28010901	0.91854862	-1.2341063	1.06908716
1418546_a_at	Stambpl1	-2.25631996	0.09462999	-1.278925	0.929220751	-1.91148207	0.22514381
1423413_at	Ndrp1	-3.74924906	0.01384434	-1.27675496	0.923431059	1.0352135	1.18252151
1417210_at	Eif2s3y	1.32563782	0.75389135	-1.26628604	0.942225623	-2.81086338	0.05472816
1451339_at	Suox	-2.59876888	0.05713171	-1.24112922	0.996916517	-1.16752896	1.15739588
1418983_at	Inadl	-2.45144943	0.07268272	-1.23915787	0.998957744	-1.73821917	0.33740116
1437171_x_at	Gsn	-2.22276691	0.09973451	-1.23888448	0.99113935	1.06441691	1.16386701
1442100_at	Inpp5f	-2.52232935	0.06468612	-1.23763995	1.011255083	-1.05106848	1.20349141
1423609_a_at	Mgat1	-2.35777873	0.08203759	-1.2200399	1.042508288	-1.92318605	0.21913288
1423333_at	Ergic1	-2.7780579	0.04381609	-1.20985292	1.056234909	-1.02028816	1.202427
1434684_at	Rin3	-2.48761807	0.06630435	-1.1872716	1.092507145	-1.61039545	0.4343799
1416630_at	Id3	-2.89003774	0.0360533	-1.17359395	1.107394625	-1.50869203	0.58271729
1448640_at	Slc14a1	-2.87473041	0.03698393	-1.16533655	1.121534536	-1.22570064	1.07792254
1450521_a_at	Tcrg-V4	2.576165	0.26626267	-1.16405966	0.994821954	-3.81274488	0.02247772
1447479_at	---	-1.95989315	0.18168685	-1.16231814	1.056240469	-3.19391297	0.03826899
1422280_at	Gzmk	11.7415964	0.01674556	-1.11048379	1.171715054	1.23744265	0.88786978
1418398_a_at	Tspan32	-2.37618967	0.07876553	-1.10726458	1.173700957	-1.31102936	0.93195678
1436431_at	1700025G04	-1.08957588	1.18984397	-1.09053167	1.180888127	-2.43122205	0.09459849
1452416_at	Il6ra	-1.50561197	0.47958606	-1.08939338	1.181934214	-3.00232467	0.04507659
1415935_at	Smoc2	17.5005901	0.0088172	-1.08196463	1.179978109	-1.28154429	0.97518807
1459137_at	Pml	-2.28732019	0.09170027	-1.04920627	1.189322106	-1.37182679	0.83786939
1427568_a_at	Ift80	-3.36736864	0.02082883	-1.02691493	1.188809171	1.3437347	0.81431317
1422444_at	Itga6	-2.90492651	0.03603797	-1.02345429	1.187728493	-1.68865741	0.37044399
1443621_at	Xaf1	-1.87881324	0.25272074	-1.01874054	1.077770432	19.045567	0.01584906
1430367_at	Stambpl1	-2.59475202	0.0566765	-1.01528986	1.186071952	-1.41588262	0.75529959
1426778_at	Dag1	-2.29654492	0.08890947	-1.00597887	1.189316372	-1.75204521	0.31219741
1443852_at	---	1.02939618	1.16072661	-1.00525511	1.182880569	-2.91753844	0.04912008
1436919_at	Trp53i11	-2.26076076	0.09377483	1.008909428	1.185768279	1.093821	1.14998653

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1423747_a_at	Pdk1	-1.06222668	1.09080129	1.012322054	1.046777512	-3.34663605	0.03441019
1423843_at	Lrrc61	-3.29672451	0.02193043	1.022075426	1.182635663	-1.17340279	1.14662242
1417045_at	Bid	-2.29618147	0.0888652	1.051047837	1.163381256	1.26625093	0.85100681
1454699_at	Sesn1	-2.35313105	0.0836194	1.05203546	1.164987757	1.33902541	0.78263002
1422822_at	Stard5	-2.64796674	0.05303518	1.054453152	1.156625843	-1.47292095	0.62645862
1427329_a_at	Igh-6	-3.10264793	0.02846847	1.096229603	1.061550113	1.04297169	1.13662436
1422189_x_at	Tcrg-V4	2.73270867	0.23501563	1.10853296	1.029047966	-4.00958614	0.01714575
1423077_at	Snx9	-2.27829832	0.09186622	1.124834955	1.061590988	1.34135707	0.76680381
1444758_at	4930595D18	3.64661612	0.14122335	1.137939087	1.078586682	6.60939553	0.0763593
1433711_s_at	Sesn1	-2.24620562	0.09656109	1.139420288	1.025155433	1.33524085	0.77029829
1443893_at	---	1.05180092	1.15896084	1.142981194	1.049356007	7.60525524	0.06184211
1438558_x_at	Foxq1	6.6526463	0.046925	1.187727052	0.953977237	1.12510008	1.06312642
1441579_at	Dmrta1	6.06565454	0.05628151	1.188212881	0.965533637	1.14275674	1.04591752
1438536_at	5830411N06	7.38954226	0.03922414	1.192302244	0.943773346	1.05138787	1.16761055
1450272_at	Tnfsf8	5.09472167	0.0790981	1.20888611	0.954379713	-1.2954934	0.94406751
1417639_at	Slc22a4	15.6490337	0.01095238	1.221739467	0.907350664	1.17018503	1.00107913
1447209_at	---	-1.59801764	0.41006649	1.278251454	0.901327995	-2.6630109	0.06984899
1417797_a_at	1810019J16R	1.36949279	0.74739695	1.30909216	0.821597899	6.51040217	0.07820872
1455795_at	Dse	1.64705264	0.51626222	1.382348779	0.761296858	-2.64567956	0.07029975
1427054_s_at	Abi3bp	5.95056504	0.05811088	1.389457461	0.698978271	1.143001	1.05279808
1443115_at	---	4.82483074	0.08437408	1.404681778	0.726125239	2.79258914	0.26607014
1425646_at	BC016495	6.98401504	0.04348404	1.421103535	0.659675155	1.8488865	0.46683345
1423281_at	Stmn2	8.03869697	0.03278846	1.428718476	0.652179868	1.21029746	0.92008834
1446682_at	---	6.68116644	0.04687657	1.436093817	0.714390098	3.68132469	0.18031847
1428851_at	1300014I06R	5.39758853	0.07053286	1.438963502	0.652578202	1.1437288	1.03146948
1445500_at	---	2.62618461	0.23811311	1.481063332	0.621237149	6.18152729	0.08504412
1417508_at	Rnf19a	4.47863781	0.09806242	1.489894318	0.60148741	1.83554693	0.47134138
1444402_at	Zc3h12c	1.28583305	0.85475149	1.511806328	0.621784969	13.7584718	0.02475
1438452_at	Nebi	6.06900496	0.05620545	1.513055597	0.586591664	1.38572886	0.72684291
1424464_s_at	Mfsd6	6.73045171	0.04636829	1.609963893	0.523952293	1.97009928	0.42747007
1453416_at	Gas2l3	1.63688541	0.510218	1.630481795	0.520978126	7.07636436	0.06894198
1433450_at	Cdk5r1	4.95716976	0.08124043	1.631893227	0.515481435	1.71639508	0.52087838
1433983_at	Cnksr3	-2.78627953	0.04283041	1.641170355	0.502214022	1.68877836	0.53275869
1459668_at	---	2.51425039	0.25901554	1.66913811	0.505792866	6.10471241	0.08626453
1418109_at	Gspt2	5.00770647	0.07954758	1.732217394	0.464879848	3.35891433	0.20294261
1426910_at	Pawr	7.29662006	0.04	1.74103274	0.460121124	2.08669296	0.39624428
1434599_a_at	Tjp2	-1.29377792	0.87673116	1.743075427	0.463729381	7.40903167	0.0652
1424254_at	Ifitm1	6.27080214	0.05259681	1.757859786	0.461317755	1.43943236	0.68804767
1437111_at	Zc3h12c	1.34715576	0.75666069	1.766442351	0.453470952	7.84741048	0.06
1459011_at	---	5.22439266	0.07393635	1.77752313	0.447265861	6.07116479	0.0869697
1416645_a_at	Afp	8.26255708	0.03098305	1.780192597	0.452298537	-1.05960875	1.20020002
1460526_at	4833420L08F	5.05735014	0.078704	1.782820761	0.442081955	2.33752479	0.33546607
1434600_at	Tjp2	1.00369435	1.18332778	1.795791679	0.437837977	7.7832894	0.06113462
1437534_at	---	4.82261843	0.08559942	1.798752468	0.439243438	1.81907076	0.48041167
1425787_a_at	Sytl3	4.65796027	0.09091413	1.82543884	0.42697792	1.40407338	0.70651584
1447235_at	---	1.50106869	0.58915712	1.832896091	0.424473472	9.5682826	0.04526185
1440396_at	---	4.62923884	0.09130854	1.846790223	0.435865209	3.84973729	0.16893617
1434194_at	Mtap2	-1.0388243	1.18779139	1.861110007	0.41312552	6.51537552	0.0784031

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1454799_at	Agpat9	4.87726265	0.08408012	1.869317549	0.409933073	2.3510605	0.33202969
1437064_at	Ar	5.68836879	0.06367704	1.885908916	0.404932011	1.93941964	0.43555414
1450753_at	Nkg7	5.01671623	0.07965625	1.914607059	0.396021381	2.53419639	0.30310345
1439897_at	Nebi	6.94180096	0.04399478	1.943726186	0.399424957	1.63369651	0.57687771
1437506_at	Adamts6	-2.43111814	0.07247294	1.94417758	0.387968198	2.51289432	0.30698515
1445068_at	Malt1	6.76450015	0.04642857	2.000288832	0.37518622	3.92402255	0.165
1448048_at	BC016495	6.27635374	0.05320542	2.002936477	0.376206683	1.79773661	0.49408021
1434089_at	Synpo	4.5302008	0.09589404	2.010974796	0.365809341	1.85248903	0.47101513
1447546_s_at	---	4.78418551	0.08620344	2.034505715	0.38438434	1.46609474	0.74981872
1440837_at	H2-Ob	-3.49311708	0.0177712	2.036440976	0.36587576	1.28432471	0.88512528
1433695_at	Cnrip1	1.34422533	0.73637367	2.042682529	0.361028068	7.67395338	0.06145833
1438677_at	Pkp4	4.89731162	0.08221053	2.050356818	0.357244121	2.42363089	0.32083665
1448301_s_at	Serpinb1a	7.43040063	0.03833819	2.066164327	0.353767677	1.51895592	0.62345223
1449232_at	Gata1	-2.30132807	0.08820709	2.069558936	0.35110885	-1.10501938	1.19766658
1449526_a_at	Gdpd3	-1.41811218	0.7394973	2.091022134	0.426340618	45.0237193	0.00485294
1437129_at	E330018D03	5.15922131	0.07588525	2.105194212	0.351668355	3.49540187	0.19444228
1428642_at	Slc35d3	1.19006057	0.94560606	2.146223022	0.334345474	6.19335009	0.08516937
1460117_at	---	2.71993718	0.22514884	2.158259492	0.332176748	6.44074839	0.08
1454246_at	St3gal6	8.6659325	0.02856631	2.176982786	0.330585455	1.11957021	1.11140673
1421957_a_at	Pcyt1a	1.80247177	0.433256	2.18572465	0.322952098	5.95642488	0.08979167
1460138_at	---	5.18148274	0.07557756	2.203962994	0.320759731	5.44191718	0.10203797
1421672_at	Il17a	29.5675268	0.00326923	2.204332212	0.321469053	1.25553885	0.87853785
1416330_at	Cd81	-3.28886928	0.02210345	2.205481002	0.318487585	4.56319192	0.13013766
1429133_at	Nxn12	1.58833475	0.53456682	2.213309184	0.321024682	6.24408424	0.08274218
1428393_at	Nrn1	-1.76748544	0.25650085	2.221242133	0.314386165	7.00780032	0.07018644
1429159_at	Itih5	-4.27362405	0.00869427	2.222671899	0.319388368	3.84357814	0.16885432
1444943_at	---	1.345832	0.72913342	2.230679637	0.315437666	10.8512425	0.03725373
1437244_at	Gas2l3	2.06241072	0.34773217	2.275457541	0.302981833	8.9819374	0.0495338
1427540_at	Zwint	6.22547967	0.05371365	2.285270591	0.307345824	3.6550091	0.18146814
1422556_at	Gna13	4.94679232	0.08131098	2.288327169	0.299677162	3.90478559	0.1673582
1420362_a_at	Bik	4.48484565	0.09678996	2.323981096	0.297647534	1.52004426	0.63879562
1423543_at	Swap70	-1.42597959	0.63509594	2.329405278	0.298043566	10.2405881	0.03994398
1432669_at	9030420N05	1.19889059	0.97580835	2.343882096	0.290133056	5.86294287	0.0909465
1434225_at	Swap70	-1.37397269	0.69135182	2.3551626	0.288362033	10.4448992	0.0387106
1420401_a_at	Ramp3	9.8821389	0.02346491	2.355810237	0.286801859	3.58408123	0.18541949
1418126_at	Ccl5	13.5797969	0.01266667	2.362214542	0.284680579	3.460163	0.19509603
1443021_at	Mthfs	4.82796427	0.08551825	2.364262132	0.287183277	3.57320825	0.18716288
1421096_at	Trpc1	3.34000825	0.16213662	2.428762914	0.273454545	6.99178909	0.07016978
1449278_at	Eif2ak3	4.40276548	0.09878049	2.437597626	0.273591674	2.83688958	0.25836372
1438239_at	Mid1	1.67421329	0.49399053	2.437898959	0.273435419	17.0956021	0.01741379
1423488_at	Mmd	1.1938018	0.99209521	2.44679517	0.273625056	5.79911735	0.09241144
1416271_at	Perp	3.0040455	0.19123342	2.4632647	0.266776557	6.9703769	0.07077311
1460469_at	Tnfrsf9	-1.85511891	0.20640302	2.479154759	0.266774931	6.33675103	0.08090634
1446950_at	---	1.86767272	0.42658258	2.481378245	0.271515695	7.29726915	0.06643885
1437913_at	Bcl2a1a /// B	6.40118942	0.05200924	2.481762399	0.266842588	3.84217971	0.16963719
1426566_s_at	Il17re	9.06424381	0.02737255	2.485208109	0.265544783	1.35427589	0.76488329
1434504_at	Zfyve28	6.15267306	0.05532468	2.485417702	0.26877551	4.91018824	0.11858378
1446920_at	---	1.43492964	0.65550136	2.486678508	0.267645985	5.96614897	0.08877809

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1421852_at	Kcnk5	4.5061125	0.09687831	2.488762106	0.266942529	1.57564042	0.59527754
1421643_at	Ikzf2	1.175332	0.9736445	2.506871998	0.261227166	7.29022496	0.06637993
1415940_at	Zfand2a	8.82388099	0.02809701	2.530922504	0.257293447	1.9749804	0.42598586
1421457_a_at	Samsn1	2.06101023	0.34941275	2.535511234	0.255867493	7.01526045	0.07040609
1451702_at	Cmtm7	-1.01285782	1.18567439	2.548535295	0.253257831	8.70149526	0.05186253
1423306_at	2010002N04	4.69354611	0.08835926	2.5886651	0.250107474	4.58541825	0.12831349
1457398_at	---	6.46310158	0.04995249	2.605087204	0.246547264	4.41091105	0.13788444
1441417_at	Stt3a	4.79588368	0.08586608	2.629305295	0.243231862	3.38666824	0.20095882
1436852_at	E130308A19	1.9357062	0.38645055	2.632785526	0.242647658	5.62099293	0.09720839
1425198_at	Ptpn2	3.73935213	0.13566569	2.635713088	0.243453165	5.65969117	0.09662714
1457583_at	---	6.57287706	0.04881643	2.652228363	0.243657431	4.45702175	0.1364064
1440435_at	Ky	1.19268522	0.95522751	2.654653074	0.24061214	8.26416084	0.05514831
1436067_at	Zbtb10	1.67467754	0.48811273	2.664386419	0.238050314	9.1130459	0.04897375
1458406_at	---	5.54460621	0.06560886	2.665553244	0.238684073	4.61987879	0.12743284
1438774_s_at	Pgm211	9.04666887	0.0273913	2.674458221	0.237919958	3.21157651	0.21664596
1429215_at	2310058N22	4.46502525	0.09804688	2.678301421	0.24003612	2.92849277	0.25091921
1425917_at	H28	5.04631407	0.08043143	2.67881509	0.237363973	1.4429887	0.70416834
1424318_at	1110067D22	3.01021528	0.19232696	2.683268951	0.238053515	5.65164821	0.0964465
1430370_at	Eprs	4.51578458	0.09673254	2.691567613	0.23975181	3.39318871	0.20329884
1419418_a_at	Morc1	4.55731787	0.09465054	2.714290246	0.235389126	2.64121181	0.2891691
1442820_at	LOC1005031	5.68025882	0.0638417	2.71939678	0.23206878	4.03934583	0.15699341
1451310_a_at	Ctsl	-2.25247069	0.09546814	2.72113148	0.23149085	1.35416324	0.76310647
1416360_at	Snx18	2.26302104	0.30097189	2.723751338	0.230501618	5.53842206	0.09994865
1417640_at	Cd79b	-1.28674098	0.90097049	2.7425888	0.239864795	6.24892634	0.08567449
1440156_s_at	Tox2	9.81997941	0.02356828	2.751341081	0.2279978	4.55600711	0.13071429
1442988_at	---	1.63012018	0.53221763	2.766464351	0.225493348	6.95065209	0.07070707
1455647_at	Ar	7.12662165	0.04189041	2.769649345	0.225601108	2.11173431	0.38848272
1458974_at	---	2.38139455	0.28169909	2.780591219	0.224532814	9.5796747	0.04444444
1415911_at	Impact	4.605805	0.09284741	2.782551392	0.223627672	3.82080951	0.16984222
1427849_a_at	LOC665506	-1.16413766	1.12465077	2.788285583	0.223761211	7.32705443	0.06608303
1449702_at	Zfand2a	9.5894185	0.02495726	2.797888235	0.221896163	2.21759873	0.36436043
1427419_x_at	Ccr9	-1.04159421	1.14454436	2.802795853	0.230453319	7.70249941	0.06143396
1421525_a_at	Naip5	1.82826264	0.42209478	2.808068897	0.221771071	6.39956274	0.08047401
1442556_at	---	2.73912797	0.22357983	2.811464181	0.221707456	5.72192928	0.09436
1455721_at	Gspt2	5.64650567	0.06420345	2.817104992	0.220815623	3.29020696	0.20937204
1427615_at	Itga4	6.84052316	0.04618557	2.822926697	0.223835846	5.87000473	0.09340541
1439912_at	9430098F02F	4.5930633	0.09146575	2.843487903	0.218393271	3.87878999	0.16768462
1457814_at	---	5.34103745	0.07213287	2.852278786	0.216688122	5.75425837	0.0935397
1421093_at	Slc7a10	1.22217849	0.90407203	2.860029445	0.216419753	7.33387156	0.0654792
1422612_at	Hk2	4.73562005	0.08806818	2.864708478	0.218024476	2.85876758	0.25926512
1435014_at	Rab39b	5.60812433	0.06523719	2.865443269	0.216553142	6.54767781	0.07808112
1448593_at	Wisp1	-1.37893234	0.68008864	2.866198114	0.215222288	10.9646156	0.0368693
1457117_at	Nfe2l2	6.11885481	0.05524946	2.877132508	0.218407643	3.7006961	0.18026167
1454018_at	Tlk2	4.92299065	0.08216667	2.903443581	0.215756501	3.75002444	0.17728643
1435084_at	C730049O14	4.95161793	0.08137405	2.919659243	0.209029896	4.4233825	0.1369137
1439970_at	---	5.00465285	0.07990726	2.934480253	0.20808642	5.23402204	0.10761566
1448026_at	Chd7	5.16809766	0.07569536	2.947564398	0.206932172	3.03805573	0.23419938
1434881_s_at	Kctd12	3.00590622	0.19576628	2.952301373	0.208684211	6.69266128	0.07596491

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1448261_at	Cdh1	11.6234116	0.01664671	2.998584579	0.202976953	2.41590993	0.32280431
1431434_at	Stk39	5.78741861	0.06213573	3.002876204	0.202771007	3.13572708	0.2244011
1460577_at	---	5.44513066	0.06865942	3.019828599	0.200504854	3.8504356	0.16887452
1439449_at	Satb1	4.46331821	0.09881748	3.034306174	0.207125	2.27626207	0.37558301
1421578_at	Ccl4	6.72296047	0.04725926	3.044597821	0.197723362	2.84623872	0.25578524
1429113_at	2900092E17F	4.65925729	0.09022315	3.061566457	0.197626895	5.97274861	0.0887237
1439361_at	LOC1005045	3.41842475	0.15590571	3.062981528	0.1975	7.22236667	0.06713533
1447084_at	Nfatc1	6.09037052	0.05574468	3.064092817	0.203653231	4.9563051	0.12003212
1434695_at	Dtl	5.71978136	0.06346979	3.068407303	0.197300532	5.56713474	0.09949807
1457845_at	---	4.97617883	0.08113497	3.079141855	0.195900871	4.50598757	0.13451336
1425180_at	Sgip1	8.15470865	0.03128378	3.082398381	0.195536799	12.5180968	0.02934066
1439520_at	Dtl	5.1087488	0.07719807	3.101562076	0.191938356	4.77993169	0.1232951
1428808_at	Prickle2	4.7317155	0.08770328	3.123781043	0.191435473	6.94424733	0.07098497
1440543_at	Heatr5a	4.90636648	0.08186646	3.127933844	0.192021933	2.58845278	0.29733709
1419403_at	BC017612	4.8351199	0.08508824	3.156458245	0.18799441	3.82418328	0.16972932
1456200_at	lpmk	5.30220824	0.07268966	3.15913225	0.188199581	4.08202023	0.15505824
1453678_at	Mbd1	4.91019391	0.08214826	3.171675118	0.188111888	4.38944945	0.14117051
1421340_at	Map3k5	4.60458138	0.09293878	3.179478162	0.185326705	2.54446968	0.30046447
1429914_at	Epc1	4.47120388	0.09788512	3.179738962	0.189590562	3.36980085	0.20716329
1417460_at	Ifitm2	6.45560214	0.05156909	3.188154769	0.184636234	2.81267267	0.25926546
1423415_at	Gpr83	-3.64457772	0.01506667	3.188489949	0.185314933	2.54868545	0.3017126
1446397_at	---	4.63619099	0.09296044	3.189090414	0.193496599	4.29396371	0.15037479
1444400_at	Rb1	4.78348917	0.08608069	3.191596642	0.18486121	5.4523317	0.1021066
1429749_at	Sfmbt1	4.41942395	0.09856959	3.201312099	0.183357297	4.21833401	0.14792651
1426388_s_at	Ryk	5.13395269	0.07676898	3.207446052	0.183417085	3.82721514	0.16969127
1419004_s_at	Bcl2a1a /// B	6.54961453	0.04884521	3.21130568	0.182876712	5.57012614	0.0984375
1444780_at	Nav2	4.86197789	0.08394387	3.212370583	0.182889049	5.98990588	0.08822285
1449306_at	Hsf2	3.01714005	0.19127899	3.221363952	0.183620072	6.05531355	0.08682403
1436994_a_at	Hist1h1c	5.57163854	0.0660989	3.232021212	0.18593662	5.8142442	0.09549072
1436196_at	C030046G05	3.34510153	0.16101992	3.238217747	0.180863204	7.64941808	0.06171375
1458126_at	D030041H20	3.76703647	0.13571988	3.244800995	0.182154736	6.11100643	0.08682471
1443116_at	Psme4	5.31950376	0.07279029	3.255562119	0.179411765	5.02887839	0.11501131
1457548_at	Adamts6	-1.16241885	1.13471144	3.262719585	0.178982169	6.38149745	0.08064417
1416801_at	Trpm7	4.5442588	0.09560425	3.262843972	0.178945805	3.67119564	0.18158042
1440026_at	---	5.73631798	0.06287402	3.265140335	0.178921131	4.8754487	0.11956943
1444036_at	---	5.03189447	0.07930709	3.272575932	0.178035848	4.08971885	0.15475355
1442604_at	Ercc6	4.90112067	0.08219033	3.29351168	0.178265078	6.28991999	0.08219731
1423753_at	Bambi	2.86201586	0.21139715	3.295978123	0.176541916	6.15919441	0.08576642
1415999_at	Hey1	10.8497132	0.02087432	3.29984898	0.174725357	13.9887971	0.02472803
1456347_at	---	4.99181107	0.07945483	3.30457178	0.17607946	3.77653546	0.17363504
1459595_at	---	1.93127686	0.4205	3.348488469	0.172418499	7.68433279	0.06126679
1455030_at	Ptprj	1.29446863	0.84021248	3.352970988	0.171379573	5.83171413	0.09193724
1458382_a_at	---	5.24193089	0.0737774	3.364584451	0.167755418	2.83219055	0.25832007
1459269_at	Sdr39u1	1.54856113	0.55473368	3.381511672	0.167305901	6.88212136	0.07183775
1436215_at	lpmk	5.13145042	0.07696429	3.385037149	0.166838006	3.76628367	0.17409692
1457327_at	Shprh	4.52153198	0.09476447	3.398037247	0.166416862	4.85729014	0.11948164
1447830_s_at	Rgs2	4.65092175	0.09097222	3.40231488	0.169577248	6.06924335	0.08838755
1417719_at	Sap30	8.53740922	0.02886926	3.407180394	0.164847298	5.60773562	0.09737598

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1458706_at	---	5.35991455	0.07173145	3.421621079	0.164003165	3.18883622	0.21880045
1437466_at	Alcam	1.57330313	0.54411011	3.423712755	0.163952569	7.36467401	0.06568058
1445101_at	---	4.55657032	0.09395664	3.424523673	0.164274448	3.82748927	0.16971991
1423489_at	Mmd	1.42290565	0.67852234	3.432655319	0.162579618	8.0719095	0.05613336
1441859_x_at	---	4.87499813	0.08228228	3.443800732	0.164179223	2.28807869	0.35545278
1431166_at	Chd1	5.84308388	0.06070565	3.451120863	0.163285601	4.73191776	0.12595701
1441388_at	Mbd2	4.02215404	0.11919214	3.451272369	0.16113691	10.2878053	0.04038674
1446947_at	---	3.08787995	0.18630919	3.459063904	0.160914194	7.17379573	0.06736475
1455978_a_at	Matn2	-1.10701262	1.17492809	3.475795814	0.157289796	14.4462019	0.0229646
1457334_at	C130057M05	3.27114717	0.16714614	3.482435583	0.157108042	6.04449439	0.08691977
1460020_at	Ankrd11	5.24795979	0.07377551	3.486275705	0.158021002	4.905148	0.11855277
1455265_a_at	Rgs16	2.0293204	0.35667102	3.489261363	0.157218597	10.9806889	0.03647239
1443203_at	---	8.91550592	0.02774809	3.491015268	0.157105691	7.4585835	0.06481685
1441331_at	A230061C15	4.97748396	0.08064615	3.493847568	0.157030106	3.88487093	0.1672291
1440764_at	Araf	4.48678898	0.09708279	3.519628925	0.155483072	2.92772152	0.25091876
1441068_at	A130001G05	5.13979208	0.07641109	3.526580569	0.155004156	2.45138146	0.31725046
1435092_at	Arl4a	3.07438249	0.19004011	3.527562555	0.155503686	6.63088607	0.07756672
1434272_at	Cpeb2	6.04644293	0.05579281	3.538717677	0.153483709	4.18176406	0.14934539
1418318_at	Rnf128	4.68507345	0.09036161	3.57514478	0.150511509	7.2440006	0.0666548
1435444_at	Atf6	6.07653965	0.05563169	3.58141574	0.15057676	4.61760575	0.12740778
1450045_at	Srrm1	4.44616555	0.09873385	3.582040544	0.152719665	3.91013025	0.16734472
1438307_at	Hmgb2	5.8199429	0.06108652	3.582868266	0.150516949	6.63032689	0.07646593
1418479_at	Vps54	2.55558457	0.24795988	3.587312266	0.15058924	5.61195458	0.09753927
1443703_at	Cd28	5.68478847	0.06371373	3.59379139	0.150711835	3.62606973	0.18227553
1455840_at	Rapgef5	2.15126711	0.3264244	3.59428963	0.149445887	7.75053912	0.06106383
1436755_at	Itih5	-1.44449145	0.57186746	3.603973326	0.148873362	5.59261622	0.09750327
1446269_at	Hbp1	6.43537848	0.0497381	3.616940838	0.14951177	6.38609936	0.08056662
1429399_at	Rnf125	7.58758093	0.03617211	3.618370151	0.148352323	6.15129429	0.08562408
1445786_at	Braf	5.24607464	0.07375421	3.625860281	0.148767483	4.72260651	0.12495346
1434880_at	Etv6	4.69379554	0.08856135	3.62746074	0.148633975	2.43128665	0.32002539
1423520_at	Lmnb1	5.14133018	0.07680782	3.657078682	0.14500446	8.24689859	0.05538622
1417400_at	Rai14	2.2585184	0.31038432	3.666533362	0.147022968	6.3136823	0.08207463
1457783_at	Rab12	4.58861893	0.09327446	3.666961197	0.146622458	4.72686938	0.12604508
1425288_at	Samd11	2.93788923	0.20119375	3.671755516	0.144884135	5.94420965	0.08917713
1420160_s_at	Myo1e	1.29539313	0.80981814	3.673041	0.143255605	10.2090732	0.04092643
1445717_at	Luc7l2	5.00361805	0.08009317	3.674000102	0.144955516	2.25242125	0.3607418
1420159_at	Myo1e	1.13666464	1.05179075	3.683651725	0.143198925	9.10924615	0.04915094
1421920_a_at	Ccr9	1.04769225	1.14893439	3.689448045	0.144897596	11.6381916	0.03254967
1444418_at	Itpr2	6.16079558	0.05468271	3.691485948	0.143144654	7.91144744	0.05838323
1456983_at	---	7.78010702	0.03498489	3.693554845	0.143231598	6.86091028	0.0717686
1425642_at	Cep290	8.38709773	0.03017065	3.702941267	0.143254973	3.10160866	0.22922036
1428487_s_at	Coq10b	4.68195153	0.08998599	3.711622539	0.142025431	4.77521271	0.12341693
1439203_at	---	4.76663118	0.08735714	3.714221876	0.142642534	2.7804531	0.2660054
1446649_at	---	10.5832684	0.02154255	3.725769269	0.141284153	3.4175521	0.19829482
1442905_at	---	4.98638174	0.08	3.734741352	0.140630137	5.01452599	0.11501684
1452343_at	D18Ertd653e	5.22642097	0.07391304	3.743190139	0.13974241	5.53273695	0.0994473
1457802_at	B930012P20f	5.5496303	0.0660367	3.74545676	0.140511883	5.02436637	0.11466515
1422957_at	Ccr3	1.4952154	0.59170749	3.759493569	0.139852262	7.40489015	0.06484461

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1437862_at	Rbm25	4.82958759	0.08419643	3.760566476	0.139963031	3.90372114	0.16711373
1440833_at	Cdk13	5.29051561	0.0728223	3.782600289	0.137660167	4.66679901	0.12748996
1442569_at	---	5.99300675	0.05737603	3.805259917	0.136063433	4.68675701	0.12533402
1423076_at	Snx9	1.04675345	1.162049	3.809328399	0.135953271	7.80837135	0.06017578
1446304_at	---	4.7968201	0.08524229	3.812700834	0.135876289	4.19577796	0.14907519
1435069_at	BC064078	2.1340811	0.3308944	3.813035598	0.133901979	5.86328831	0.09084138
1442197_at	---	5.68183394	0.0641954	3.826596193	0.133933962	4.44005229	0.13546226
1458296_at	---	6.39781821	0.05193548	3.828754082	0.137732342	6.21123434	0.08581259
1444565_at	BB166591	2.28199137	0.29679492	3.843360576	0.132262357	10.4004088	0.03948864
1460474_at	2610028L16F	4.47073386	0.09797403	3.844022196	0.131460134	3.75366959	0.17399129
1460510_a_at	Coq10b	5.33341651	0.07282986	3.854142731	0.132180952	5.89854857	0.09066025
1434754_at	Rap1gap2	5.17383842	0.07578431	3.855318365	0.131639501	4.06446369	0.15596867
1416022_at	Fabp5	2.53731623	0.2540516	3.858923204	0.132230696	5.71303882	0.09486056
1419498_at	Tmigd1	9.55120881	0.02506329	3.866366322	0.131442308	1.89864257	0.45221544
1422317_a_at	Il1rl1	-1.02378303	1.18633148	3.867188264	0.131401152	10.7259981	0.03770588
1432509_at	5033430I15R	3.3841222	0.15897332	3.872946753	0.131118611	5.98089615	0.08832861
1422758_at	Chst2	4.56118388	0.09468919	3.874119172	0.130939013	4.4949446	0.13441683
1435987_x_at	1110059G02	3.36929481	0.15903877	3.874369811	0.13099903	6.58184324	0.07738924
1430581_at	Bclaf1	7.17900217	0.04105556	3.876214299	0.130957447	4.17139038	0.1500172
1416021_a_at	Fabp5 /// Gm	2.5434205	0.25448259	3.886630613	0.130984556	5.91681177	0.0907438
1416359_at	Snx18	2.91892404	0.19994347	3.894793034	0.13004878	7.24892301	0.06696809
1424383_at	Tmem51	1.49554536	0.59466007	3.905660821	0.128180924	5.5455735	0.09883571
1452646_at	Trp53inp2	5.84161252	0.06074747	3.907894897	0.128542074	7.23140845	0.06706195
1441045_at	Ddx43	2.45146925	0.26869167	3.914916852	0.128658178	7.77141156	0.06075581
1453582_at	Chka	5.35132692	0.07191901	3.915541033	0.131549567	4.87815861	0.12271293
1458710_at	---	4.50340117	0.09535381	3.916445819	0.129199219	4.43998561	0.13578699
1419248_at	Rgs2	5.52715345	0.06672761	3.921856277	0.131647399	6.60741823	0.07809375
1454299_at	4833422B07F	5.89887566	0.05922449	3.9311189	0.128699902	4.14674692	0.15147833
1453072_at	Gpr160	1.25690447	0.88184717	3.939151762	0.127835968	16.6722279	0.01814607
1457952_at	---	1.22343151	0.93169317	3.948592078	0.126829026	8.41701293	0.05339056
1438466_at	Dnahc7b	-1.12615728	1.16312316	3.949627696	0.12612	8.08196815	0.05654545
1434070_at	Jag1	5.5809601	0.06540892	3.971580742	0.126032064	7.39288942	0.06463235
1450276_a_at	Scin	1.16403545	1.00838798	3.975827049	0.125206445	8.94464981	0.04990762
1415941_s_at	Zfand2a	13.1126739	0.01305556	3.979190587	0.125843373	3.0741765	0.23298996
1435316_at	Psma6	6.10367579	0.05561966	3.988436568	0.127159881	5.38625799	0.10609639
1420499_at	Gch1	5.55661647	0.06538175	3.988860491	0.123607724	4.80371869	0.12245781
1428167_a_at	Mpzl1	1.90459159	0.39548359	3.989164638	0.125030303	10.8729135	0.03697605
1421679_a_at	Cdkn1a	5.10542714	0.07747994	3.98984214	0.124432049	5.13960208	0.1112922
1452815_at	P2ry10	4.59808563	0.09335142	3.998429175	0.123652085	5.07227629	0.11332952
1434316_at	Chsy1	5.01179823	0.07901431	4.006141373	0.125378406	4.35732684	0.14116835
1428730_at	Krit1	5.77044801	0.06259406	4.026700954	0.122535787	6.31951278	0.08112782
1430576_at	Tpp2	5.23160397	0.07352542	4.028306154	0.123737271	5.01692487	0.11518602
1440663_at	---	5.74976636	0.06243028	4.030917716	0.121935818	6.3908744	0.08045732
1419091_a_at	Anxa2	5.94788464	0.05783951	4.033568248	0.122224511	4.90168124	0.11850488
1443988_at	Rbm39	4.7998079	0.0857453	4.04132021	0.121943867	4.16502936	0.15056314
1428369_s_at	Arhgap21	5.86735385	0.06074899	4.05399694	0.122302158	5.54577852	0.09996154
1442445_at	2610027H17	5.00999212	0.07885895	4.054554299	0.122134021	8.85436185	0.05002304
1416156_at	Vcl	5.74799975	0.06349609	4.059072195	0.12184375	3.42873166	0.19799748

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1416579_a_at	Epcam	-1.08765801	1.19098058	4.062435761	0.12085595	17.6843342	0.01644172
1454897_at	6330509M05	4.67571393	0.08977528	4.074510269	0.120983264	5.44418717	0.10342893
1458524_at	Fndc3a	3.28260236	0.16931292	4.077203596	0.12192108	5.78930434	0.09433155
1439953_at	Pmm2	4.72997208	0.08847025	4.08548305	0.120961338	4.29661845	0.14478533
1426542_at	Endod1	2.58389361	0.24327309	4.086516803	0.119452632	5.89424352	0.08973648
1428284_at	8430427H17	1.53779337	0.57713945	4.088202522	0.119208861	9.15434502	0.04843373
1459718_x_at	Klf6	4.61181082	0.09123796	4.090262215	0.121793535	4.26076751	0.14651904
1419754_at	Myo5a	4.93558696	0.08120795	4.098871229	0.119271383	5.081684	0.11215935
1449095_at	Vps54	2.19291516	0.3196099	4.098937522	0.119304531	6.35767822	0.08110774
1417101_at	Hspa2	2.86752951	0.20585262	4.113020702	0.120451207	6.94985719	0.07047297
1452198_at	Kdm2b	3.55597866	0.14697591	4.120692094	0.117970085	6.94043778	0.07095318
1441740_at	---	6.35550457	0.05210648	4.128067802	0.118390192	6.79984408	0.07242623
1441467_at	---	6.41660422	0.05044917	4.139050928	0.115896885	5.94894978	0.08865546
1446700_at	---	2.29032394	0.29715394	4.142428128	0.115783262	6.09172859	0.08689306
1434547_at	Cpd	4.69534663	0.08985975	4.151497031	0.116141479	4.59053298	0.13036525
1456831_at	---	1.80845788	0.43014207	4.151952676	0.115455531	5.94921782	0.08867318
1434690_at	Lclat1	-1.31433071	0.81222764	4.152331619	0.115409483	6.56336955	0.07801252
1441069_at	Zdhhc23	2.24018829	0.30963367	4.153650993	0.115946237	10.2583017	0.04019391
1427364_a_at	Odc1	6.24257681	0.0535426	4.16293683	0.115302376	6.80050398	0.07311582
1458912_at	---	9.53899097	0.02519149	4.165144844	0.115298588	8.45287237	0.05364026
1419202_at	Cst7	3.39016776	0.15771429	4.17261458	0.115253506	5.55939028	0.09918814
1445321_at	---	5.23843791	0.07362416	4.184794174	0.118568399	5.22632437	0.11249425
1448731_at	Il10ra	1.48877424	0.61322176	4.197091746	0.114177632	6.71424416	0.07514469
1460465_at	A930038C07	8.10680439	0.03278689	4.199414902	0.115146899	9.12369572	0.04885986
1426766_at	6330403K07	2.24117194	0.3102876	4.199429456	0.115016358	8.57735798	0.05191209
1442416_at	D930001B02	5.17419108	0.07558484	4.199880658	0.11378022	4.67973986	0.1253656
1434817_s_at	Rprd2	6.38727249	0.05122066	4.201428696	0.114836245	6.50640217	0.07824534
1455447_at	D430019H16	3.06190248	0.18874572	4.202224776	0.11377607	6.7238537	0.07500805
1445405_at	---	4.56381929	0.094682	4.209318473	0.113292818	3.85587068	0.1686381
1446720_at	---	2.00740493	0.36715278	4.214193815	0.113905391	8.16343687	0.0551134
1428074_at	Tmem158	1.03532233	1.17640275	4.219610985	0.11335177	9.85178402	0.04261097
1436545_at	Dtx4	6.5770319	0.04889706	4.230451564	0.113642384	4.43517696	0.13722846
1438075_at	Fem1c	4.84460262	0.08408889	4.232201547	0.11422782	7.89617155	0.05827038
1453470_a_at	Gna13	7.6828238	0.03496988	4.255523643	0.112600897	7.03615208	0.06918228
1428468_at	3110043O21	6.63513123	0.04685644	4.256595504	0.111747463	6.04853184	0.08703013
1440770_at	Bcl2	4.6073696	0.09176471	4.261594527	0.112348993	2.80255626	0.265271
1429882_at	2610005L07	4.65160954	0.09125864	4.265249098	0.111805869	3.77304681	0.17337218
1460500_at	5033421C21	1.39609134	0.67255051	4.278643073	0.111721035	6.88076195	0.07136439
1437434_a_at	Wls	-1.17748744	1.11293815	4.2802597	0.111415525	11.0157692	0.03681818
1455980_a_at	Gas2l3	3.46460689	0.15460826	4.281115228	0.111875706	18.6409266	0.01554839
1456593_at	---	6.25211797	0.05291855	4.283796657	0.111338673	8.59718886	0.05189427
1417782_at	Lass4	4.5254356	0.09466937	4.288986178	0.111293984	6.75601095	0.07453074
1442890_at	---	3.38857805	0.16088	4.301873196	0.111497143	6.76331243	0.07470968
1441372_at	5930405F01	5.16279268	0.07582923	4.334443167	0.108731083	6.62925462	0.07650794
1457198_at	Nrp1	2.18913612	0.31860098	4.342427212	0.108612717	5.76972144	0.09311653
1438045_at	Eea1	3.96742605	0.12200424	4.345081788	0.108903002	7.64938273	0.06198874
1459735_at	Fkbp15	4.54143007	0.09685526	4.347773146	0.11138322	3.8512497	0.17410989
1430955_at	2810403A07	7.26010292	0.03988732	4.355127634	0.108738426	5.31859433	0.10590024

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1459860_x_at	Trim2	5.63359167	0.06523629	4.359219954	0.108864426	8.68210578	0.05183628
1441946_at	Itih5	-1.75645506	0.25781176	4.373848754	0.107663551	5.7865094	0.09329285
1445148_at	---	2.16109626	0.32613163	4.375182914	0.107314488	16.447864	0.01844444
1448916_at	Mafg	5.02212058	0.07973396	4.376679275	0.106997636	4.25092459	0.14573464
1441486_at	Fkbp15	4.52574406	0.09510695	4.381773769	0.107352941	4.34558378	0.14172635
1453586_at	Entpd1	2.37208384	0.28061465	4.381986379	0.106863208	10.1023568	0.04093834
1432850_at	5430434G16	10.1391865	0.02242857	4.384675269	0.106789536	4.01672586	0.15858421
1443628_at	---	3.85911044	0.12728934	4.393903951	0.108826945	5.83130318	0.09272727
1434303_at	Raph1	3.1373359	0.18037356	4.396026247	0.105911271	7.70633552	0.06104962
1442168_at	A230071A22	4.69097128	0.08943741	4.398835548	0.109332566	4.05311656	0.15853659
1451313_a_at	1110067D22	5.17621784	0.07532338	4.401311049	0.106883117	9.54528539	0.044625
1457780_at	Stx11	3.15038177	0.18129471	4.402877383	0.106978673	8.13705457	0.05570265
1442277_at	Chka	5.85211586	0.0625	4.412705093	0.111334094	6.20064517	0.0872792
1437992_x_at	Gja1	4.62218499	0.09145604	4.418004842	0.105848375	1.53815938	0.62633208
1429267_at	Acot11	2.54895929	0.24760079	4.418658187	0.105928144	7.19058094	0.06753899
1458053_at	Abi2	4.6259083	0.09118785	4.42000091	0.106217184	4.84365687	0.11961332
1427624_s_at	Il22 /// Itifb	49.3221346	0.0025	4.423086122	0.105956938	1.75883279	0.50579449
1438862_at	---	5.07425727	0.07864217	4.426516093	0.105617433	5.55742536	0.09914839
1416419_s_at	Gabarapl1	4.8370809	0.08420505	4.426638824	0.105829327	5.48596975	0.10193631
1439569_at	Gpr83	-3.30540794	0.02212435	4.437960007	0.105864571	3.31228467	0.20942637
1459171_at	Emp1	10.122731	0.02262911	4.446412103	0.105721212	2.20197283	0.36631268
1455746_at	Kif13a	2.09466084	0.34371839	4.447860888	0.105844471	11.0459199	0.03625387
1434496_at	Plk3	4.78959388	0.08574344	4.447958518	0.106059524	3.69091454	0.18113604
1459571_at	---	2.70617474	0.22613275	4.452683291	0.105644172	7.22977124	0.0672007
1440893_at	Riok1	5.80356746	0.06198397	4.452930207	0.105705669	5.82777428	0.09179207
1440925_at	LOC1005035	5.20922951	0.07410982	4.456264914	0.105439024	8.24257438	0.05523109
1456260_at	Rbbp4	4.76979303	0.08618364	4.457181367	0.105879518	4.19794035	0.15013675
1420411_a_at	Pi4k2b	6.49827441	0.04973747	4.475648281	0.105659679	3.0915957	0.23200318
1445866_at	Mast4	2.82049491	0.21361453	4.480635393	0.105124378	7.18019653	0.06762153
1443230_at	---	4.16510154	0.11265116	4.487483601	0.105589681	9.61160038	0.04448363
1439566_at	Gprin3	6.1772512	0.05561555	4.499407394	0.105849515	8.89753067	0.05011468
1456609_at	Camk2n1	2.01428804	0.36170465	4.504275277	0.105346535	7.76628688	0.06052529
1453636_at	Pcgf5	9.87417353	0.02351351	4.504556278	0.105493827	4.40685675	0.13835196
1457451_at	---	4.6521147	0.09463612	4.507013173	0.10928489	4.01231999	0.16867479
1440586_at	B430203I24R	4.45032285	0.09839378	4.508726505	0.105719557	4.85008489	0.12237092
1456429_at	Malt1	8.67315364	0.02885609	4.518853126	0.103438287	5.80222671	0.0924898
1457150_at	Al428301	6.89899716	0.04372703	4.525623811	0.102048346	5.93509724	0.0887972
1442876_at	---	4.106502	0.11461187	4.529258873	0.103611111	6.14837432	0.08580409
1449399_a_at	Il1b	4.69143735	0.08988811	4.532179496	0.103455696	4.56577574	0.13060606
1430109_at	4833412E19f	3.19189531	0.17419663	4.546033556	0.102449239	6.26024159	0.08358098
1422706_at	Pmepa1	2.65602428	0.23618455	4.559145125	0.102101911	5.57763425	0.09875486
1441404_at	---	4.9111867	0.08227886	4.559376876	0.102104592	4.09177458	0.15451209
1455773_at	---	5.42136697	0.0702847	4.568661854	0.101410256	5.76694261	0.09375839
1440011_at	---	5.17256547	0.0768123	4.570541182	0.105167702	5.46029918	0.10502457
1428653_x_at	Elavl1	5.72930444	0.06328767	4.577833526	0.102234994	4.28054651	0.14601597
1425947_at	lfng	11.3631034	0.01868571	4.584978599	0.106224612	3.0009827	0.25761972
1446272_at	Cdk17	6.66232931	0.04693467	4.58746346	0.101103979	8.2149208	0.05526971
1420710_at	Rel	4.72873731	0.08826271	4.590384494	0.099845758	13.6334615	0.02521739

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1438121_at	Sec24a	2.20140817	0.31474383	4.59599321	0.099561856	4.34393244	0.14196527
1418166_at	Il12rb1	1.77628942	0.44166455	4.616282987	0.09954955	2.66646181	0.28203426
1448148_at	Grn	2.83874514	0.21041293	4.623621605	0.09873057	3.09277811	0.22913681
1459697_at	---	5.30016277	0.07283993	4.632389833	0.099133247	2.31244118	0.34333557
1436649_at	Ikzf3	1.83455904	0.43281495	4.638162394	0.098080415	4.4887176	0.13353167
1453851_a_at	Gadd45g	2.31096434	0.29642564	4.644038717	0.097012987	4.97561549	0.11629877
1429049_at	Nuak2	1.26710552	0.82478644	4.645702166	0.099251613	2.23594805	0.35638791
1440104_at	Ranbp2	4.79794516	0.08779202	4.64576657	0.103751568	4.91236128	0.12472652
1417932_at	Il18	3.04080858	0.18922869	4.652302803	0.096109661	3.93891968	0.16481334
1438398_at	---	5.33113728	0.07212654	4.653587498	0.099315245	5.00404004	0.11655556
1444538_at	---	3.85245116	0.12832827	4.665645411	0.096117647	3.58689787	0.18560729
1440034_at	Stam2	1.7654733	0.44933416	4.674509533	0.095614267	3.33969187	0.20545894
1440982_at	LOC552909	4.23986011	0.10809466	4.680334581	0.096204188	4.64566996	0.12748503
1440145_at	H60a	4.51680198	0.09525333	4.685430685	0.095542328	5.76798202	0.09366935
1440481_at	Stat1	3.38538521	0.15815147	4.691079661	0.095716163	5.99338063	0.08843972
1431909_at	Zc3hav1	2.2895356	0.30388624	4.696252569	0.095596817	3.46297027	0.19652919
1418355_at	Nucb2	1.65424165	0.4978324	4.701317125	0.095066489	4.17041224	0.15010248
1442547_at	---	4.09174622	0.11512528	4.704207398	0.09619296	4.68634013	0.12681496
1418493_a_at	Snca	3.11732808	0.18212963	4.711315672	0.096592978	3.41302268	0.19807138
1425062_at	Fcrl1	4.16090303	0.1110446	4.712333571	0.094926569	5.07276267	0.1125344
1457321_at	D130037M23	2.31866597	0.2933913	4.713438813	0.095536424	6.1926418	0.084387
1456212_x_at	Socs3	4.06725845	0.11724215	4.714016037	0.094919786	4.04042392	0.15804419
1448167_at	lfng1	5.34072895	0.07197531	4.714604225	0.095950197	6.39740433	0.08064516
1419873_s_at	Csf1r	2.52623993	0.25055072	4.715159803	0.094913449	2.16382176	0.37515399
1425521_at	Paip1	4.85888403	0.08403846	4.716085913	0.096367188	6.12623199	0.08682857
1437676_at	Spag9	6.1448168	0.05465066	4.722088237	0.094879357	6.36552718	0.08118441
1419209_at	Cxcl1	3.45500229	0.15320914	4.72510591	0.094670256	4.14049045	0.15208651
1428034_a_at	Tnfrsf9	-2.37991492	0.07973926	4.731163439	0.094411367	20.1044784	0.01376812
1419627_s_at	Clec4n	3.07082224	0.18740868	4.732360569	0.095258964	1.87834881	0.45840221
1440751_at	Ep400	6.83548324	0.04562176	4.73363456	0.09480589	6.09207344	0.08695965
1460121_at	9630010G10	1.98530179	0.37672711	4.739987759	0.094791946	7.5843121	0.06190654
1448666_s_at	Tob2	3.9203886	0.1242542	4.740195846	0.094447439	5.2481053	0.10644737
1428444_at	Asb2	2.82129984	0.21389474	4.747736936	0.09472752	3.02362663	0.23593958
1442330_at	Srrm1	4.93903777	0.08133739	4.747835664	0.094453552	4.94234253	0.11757174
1430428_at	2310066F23F	3.75266802	0.13564327	4.752911922	0.095644737	4.32187296	0.14379747
1446268_at	Cyth3	6.05341111	0.05578947	4.758834669	0.094572592	5.6134524	0.09716163
1428735_at	Cd69	4.45025087	0.09867097	4.767016658	0.095567282	4.30327986	0.14520536
1444266_at	---	2.56283098	0.24522931	4.767203902	0.095652174	2.4835406	0.3070819
1436058_at	Rsad2	5.01893641	0.0795283	4.768338538	0.094704301	4.38547061	0.14086957
1431422_a_at	Dusp14	5.30214087	0.07273356	4.771854321	0.094457995	15.1391783	0.02069444
1452160_at	Tiparp	5.71912062	0.06357282	4.774909314	0.094358974	4.35762888	0.14197632
1439477_at	Ube2b	5.50739468	0.06791289	4.780859472	0.095721785	4.89571644	0.12250264
1444554_at	---	3.27479591	0.16684973	4.793634792	0.093898769	4.50014036	0.13326923
1419456_at	Dcxr	2.87655423	0.20550672	4.799308879	0.094707483	4.22614324	0.14880416
1439877_at	---	5.26538248	0.07331058	4.804739897	0.094337838	5.7286426	0.09733596
1435665_at	Trim30d	3.70446876	0.13685523	4.805666946	0.094893333	6.71620686	0.07452342
1459962_at	4930523C07F	4.48682526	0.0975	4.813228785	0.092246575	3.79640788	0.17113586
1449567_at	Tktl1	-1.18538853	1.0987328	4.816299138	0.094420191	11.0112779	0.03623457

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1441545_at	Zcchc11	5.62390283	0.06447619	4.827233677	0.092074176	4.95356323	0.11759116
1458233_at	Fryl	3.53445637	0.15178848	4.838746414	0.094701087	5.12189733	0.11426454
1440028_at	---	4.99916334	0.08003101	4.842448369	0.090787293	5.81494952	0.09206284
1438345_at	---	4.37601697	0.10167089	4.843007823	0.09066482	4.07392193	0.15462437
1441732_at	---	7.38255398	0.03942857	4.844641798	0.091980743	5.62549481	0.09850455
1438295_at	---	8.78641718	0.02761364	4.84716099	0.091947874	13.6902321	0.02473251
1442219_at	Gm8369	4.4661086	0.09706037	4.852264966	0.09027894	4.10515966	0.15357983
1430561_at	Dnajb14	3.50771937	0.15098432	4.854502098	0.090222531	5.35031315	0.10510455
1457794_at	Whsc1l1	2.68696029	0.23227368	4.868947687	0.090334262	4.83384094	0.12040383
1441976_at	5430434G16	10.0092595	0.02328704	4.868958936	0.089663866	3.86632612	0.16781804
1444670_at	A130004G11	3.64551676	0.14189464	4.869667718	0.0905	4.93246336	0.11857609
1439847_s_at	Klf12	3.72530445	0.13625363	4.887539403	0.089098592	4.87835022	0.11829694
1446946_at	---	1.82815492	0.42857785	4.890928361	0.089152542	7.2896186	0.06653571
1443721_x_at	Sbno2	4.01991965	0.11894565	4.891176977	0.091103448	4.51711507	0.13362152
1447517_at	Skiv2l2	4.94712379	0.08101382	4.913240977	0.090788382	4.70389221	0.12689203
1438593_at	---	8.59097377	0.02854545	4.919329417	0.089678322	5.41933814	0.10390062
1444064_at	Samhd1	1.29846759	0.79776212	4.923007713	0.088739255	2.65774004	0.28497669
1447094_at	---	2.96951709	0.19455712	4.924042907	0.089170183	7.13532099	0.06790017
1441571_at	2410089E03f	9.13588823	0.02664	4.927001804	0.089196051	5.70552641	0.09601852
1443214_at	---	5.3443951	0.07224168	4.936271227	0.088780488	4.55110435	0.13117874
1430362_at	5730409N24	4.04088137	0.11711086	4.936984104	0.088725212	5.89625942	0.09072802
1426734_at	Fam43a	5.04924728	0.07908373	4.937132396	0.088671429	9.17951756	0.04789346
1449134_s_at	Spic	3.73422796	0.13675312	4.938301772	0.088806818	2.53491962	0.30296209
1441840_x_at	Sbno2	4.16357169	0.1117096	4.941920035	0.088633094	5.13922803	0.11051462
1443218_at	---	3.34875539	0.16216152	4.944758287	0.088412698	5.32944389	0.1057697
1423295_at	Tm9sf2	4.1209444	0.11381336	4.945118182	0.088626609	5.74330031	0.09378016
1423321_at	Myadm	2.32778853	0.2874683	4.947518151	0.088673324	4.87751057	0.11839827
1451004_at	Acvr2a	8.42608031	0.02913495	4.948449881	0.089339888	3.96108776	0.16450715
1458129_at	Rora	6.10965112	0.05567742	4.95960423	0.088688761	11.1958333	0.0354717
1448728_a_at	Nfkbiz	2.64721126	0.24142274	4.962005497	0.089222065	9.0651025	0.04880383
1418835_at	Phlda1	3.2717632	0.17971202	4.977127459	0.091749311	6.98758212	0.07183168
1446583_at	---	5.58404925	0.06543599	4.977207957	0.088890469	6.46345998	0.08068389
1456686_at	---	7.26261952	0.04028011	4.982742432	0.08701016	7.73413528	0.06119461
1453328_at	2700008G24	16.1476054	0.01096154	4.987868164	0.088908046	9.74659524	0.04333333
1434736_at	Hlf	4.07110378	0.11637079	4.99351256	0.087789017	3.96534118	0.16259171
1437532_at	Rnf216	3.04305062	0.18865031	4.996467025	0.086875	7.16774013	0.0675
1428433_at	Hipk2	4.33285112	0.10467742	5.005335128	0.087710145	3.87196703	0.16772377
1445361_at	---	5.18197959	0.0741196	5.006312447	0.086282799	4.5831304	0.13038235
1437883_s_at	---	4.79997425	0.08607194	5.009187681	0.088888889	3.4296032	0.20372418
1440865_at	Ifitm6	3.56293624	0.14682883	5.011775067	0.086608443	3.63950354	0.18159611
1445629_at	Slc35d1	3.17632822	0.18789003	5.015800614	0.089888268	5.74881657	0.09867876
1455616_at	Aebp2	7.53621435	0.0371261	5.017747938	0.085953079	6.37219316	0.08102874
1442069_at	Ept1	5.8530151	0.0603854	5.023211429	0.086061493	7.29225494	0.06647059
1448226_at	Rrm2	3.19662609	0.18685121	5.024325737	0.089691445	5.92871727	0.09365462
1452016_at	Alox5ap	4.22475691	0.10807739	5.024946838	0.086306569	4.01666553	0.15885552
1460431_at	Gcnt1	6.72982194	0.04639594	5.028099967	0.08788712	12.1128239	0.03082192
1422562_at	Rrad	3.46211825	0.15327703	5.033737554	0.085905744	5.67739847	0.09489362
1446722_at	---	5.79669268	0.06154618	5.039323244	0.085672083	5.51373527	0.10107554

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1418340_at	Fcer1g	3.329668	0.16212145	5.042252387	0.085926471	3.08092451	0.23125668
1458988_at	---	2.22566275	0.31132637	5.043621457	0.085932452	3.25041742	0.21228671
1427008_at	Rnf43	6.20117527	0.05368071	5.055545141	0.085762963	7.31484182	0.06607207
1426246_at	Pros1	3.05040683	0.18869268	5.056333655	0.085193452	3.42391448	0.19801508
1417741_at	Pygl	3.83429587	0.12915747	5.064260673	0.085695266	3.20169675	0.2176027
1417884_at	Slc16a6	6.38848274	0.05170561	5.065811283	0.085014837	6.84257021	0.07233169
1456526_at	C130034I24R	4.53852446	0.09455154	5.067830714	0.085545723	4.88645543	0.11969828
1458051_at	A230048O21	4.39593991	0.10104459	5.068580156	0.084590164	4.79302567	0.12261555
1457908_at	---	4.22534263	0.10889021	5.082429624	0.084707646	4.7854624	0.12200846
1445826_at	Ankrd17	6.09657932	0.05549569	5.094021328	0.084018127	5.90325229	0.0893454
1458639_at	---	5.22985761	0.07368866	5.096022568	0.08461194	7.70548981	0.06125483
1449846_at	Ear2	3.90289144	0.12483871	5.103204067	0.084481203	3.95194627	0.16300955
1456028_x_at	Marcks	3.00232121	0.19393229	5.103451682	0.083550835	2.75707466	0.27212108
1439081_at	Mgea5	6.65443725	0.04693267	5.115398619	0.083394216	4.54894398	0.13048685
1444811_at	Sec62	4.44467624	0.09850843	5.117124495	0.084640719	4.98399746	0.11710963
1445028_at	---	3.35507884	0.1602484	5.122867816	0.083891403	6.39860171	0.08035115
1441683_at	---	5.13475343	0.07678049	5.125419181	0.083078101	4.67533584	0.1258427
1459734_at	---	6.47744563	0.05054502	5.126520627	0.08466967	6.05784641	0.08725462
1443364_at	---	3.08116655	0.18884563	5.133069046	0.083429878	4.17847547	0.15024829
1459746_at	---	5.05698208	0.07893142	5.134777157	0.083145038	5.29027114	0.10596852
1424922_a_at	Brd4	3.73933053	0.13625725	5.134878001	0.084081325	4.48335892	0.13458532
1457108_at	---	7.88351123	0.03395639	5.145721345	0.085081724	13.9442007	0.02438819
1424278_a_at	Birc5	2.75277177	0.27338136	5.148902673	0.090429958	5.97842309	0.09685526
1448620_at	Fcgr3	3.77500878	0.13330375	5.149420197	0.083515152	2.87813647	0.2564545
1444574_at	---	5.19555667	0.07557025	5.15684375	0.084529148	8.21330762	0.0552381
1439321_at	---	4.19148558	0.11101296	5.167357384	0.082283951	4.40886306	0.13621469
1451095_at	Asns	5.84780417	0.0599187	5.171256981	0.082795699	7.97254315	0.05680723
1444224_at	---	5.0182117	0.07947123	5.171842473	0.082822086	4.35174293	0.14184066
1445612_at	---	2.70542141	0.22726486	5.177940307	0.081552795	11.3334354	0.03454839
1424880_at	Trib1	1.97162703	0.3707812	5.179729171	0.083027523	8.16275789	0.05553061
1455455_at	Glit2d2	1.32466112	0.76570768	5.181835917	0.083434191	10.4323215	0.03937677
1425738_at	---	1.73000955	0.55834297	5.185758422	0.088851064	-1.65255696	0.56611402
1455320_at	Nampt	3.45155546	0.15315522	5.187382189	0.082511556	6.78590704	0.07315961
1438981_at	---	6.16706193	0.05474725	5.192514477	0.081570762	5.90060684	0.08972337
1442461_at	Gfod1	7.79425789	0.03387692	5.198090194	0.081308411	11.8398317	0.03227425
1434830_at	Mxd1	3.85496207	0.12686673	5.206582286	0.0826	6.58601897	0.0778831
1433942_at	Myo6	3.75307122	0.1365314	5.209289685	0.083267477	-1.90270689	0.26358898
1459961_a_at	Stat3	2.99609493	0.19541267	5.209692907	0.082256569	6.01716256	0.08857746
1444273_at	AW555355	2.5286371	0.25092004	5.215389495	0.081906977	10.3198493	0.03980337
1437807_x_at	Ctnna1	3.69752098	0.13862167	5.215546149	0.081316614	6.51332102	0.0781804
1424893_at	Ndel1	5.77959473	0.06194	5.216269227	0.081298905	3.023204	0.23492023
1437382_at	Acvr2a	8.84687742	0.02806691	5.219723309	0.081388013	3.50205886	0.19322876
1419298_at	Pon3	2.56167065	0.24836186	5.227731336	0.081240188	9.61425454	0.0436962
1449925_at	Cxcr3	3.67787726	0.1396878	5.229863648	0.081291339	5.11921761	0.11171694
1444150_at	Epb4.1	10.1755156	0.02265403	5.23104797	0.081234375	4.9995041	0.11488764
1457769_at	H60a	6.52736177	0.04968825	5.231410571	0.081242138	7.13592276	0.06809605
1416129_at	Errfi1	5.4375308	0.06912186	5.23547947	0.081095238	8.65651701	0.05143498
1455831_at	Fus	7.76670857	0.03463636	5.241585726	0.082260062	6.48431121	0.08052308

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Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1443270_at	---	6.17718698	0.05387168	5.248262935	0.081154446	10.0513683	0.04143236
1459632_at	---	3.66954621	0.13991517	5.253273389	0.080175159	4.70238176	0.12538144
1427844_a_at	Cebpb	3.89371782	0.12558187	5.262427066	0.081234177	6.82856926	0.07283142
1459190_at	D3Ertcd258e	6.44992179	0.05037736	5.263570116	0.079824561	6.55638997	0.07767296
1421207_at	Lif	4.26046234	0.10749693	5.268363901	0.080508744	3.42096893	0.19803785
1442609_at	---	5.37516236	0.07134752	5.283516072	0.079564516	5.09235619	0.11270332
1444432_at	D330040H18	2.42069839	0.27280543	5.296404591	0.079647436	11.2397133	0.03545741
1458099_at	---	2.43701196	0.2746312	5.299911736	0.079710145	3.8305149	0.17000749
1434798_at	Atp6v0d2	-1.01193152	1.18690368	5.313945138	0.079614148	9.21652777	0.04798544
1442320_at	LOC553096	2.30623575	0.30236305	5.314209118	0.079872204	3.2032691	0.2201168
1449265_at	Casp1	7.61849837	0.0361791	5.318084375	0.080966719	5.81198777	0.09274457
1446012_at	---	3.95461797	0.12310053	5.323733426	0.079727127	5.20296259	0.11111888
1444741_at	---	4.71632564	0.08859155	5.326224847	0.078638574	4.70718102	0.12598985
1416123_at	Ccnd2	4.19977877	0.10920333	5.340531517	0.078422764	2.60522565	0.29205822
1445198_at	Kdm6a	5.36978751	0.07168142	5.346704706	0.079693053	7.68798222	0.06114723
1420310_at	---	3.14876626	0.18043042	5.350455311	0.081453397	1.97235831	0.42758065
1418099_at	Tnfrsf1b	3.16220668	0.17856418	5.355111696	0.078474026	9.05375751	0.04925059
1456806_at	A130010C12	3.46119446	0.15575707	5.359598763	0.079968	5.27536165	0.1103169
1424356_a_at	Metrn1	3.71868273	0.13677203	5.359772132	0.079676375	12.2256703	0.0305614
1436004_at	Usp27x	1.92447065	0.39079953	5.375491482	0.077487765	4.40475467	0.13777778
1423606_at	Postn	1.14060427	1.03342236	5.381481268	0.077086743	2.67314544	0.28217839
1456810_at	Vps54	2.32568655	0.29308586	5.391966999	0.077208539	6.42796319	0.08058552
1446503_at	---	3.79039973	0.13146971	5.399234959	0.076848185	6.77710912	0.07413008
1459150_at	---	4.50086305	0.09599469	5.408905405	0.076793388	4.57606221	0.12972332
1442951_at	---	3.32167671	0.16389712	5.411886814	0.076985173	7.52677407	0.06342593
1430404_at	LOC75771	5.87245329	0.05995927	5.416321338	0.075870647	6.12565168	0.08565598
1458150_at	Ambra1	5.23475373	0.07381757	5.425727781	0.077434641	4.66823331	0.12737475
1457666_s_at	lfi202b	12.9566125	0.01358621	5.426968996	0.077163934	3.16956898	0.2213732
1442437_at	---	6.2190893	0.0538	5.434221357	0.075813953	7.20844629	0.06702277
1422557_s_at	Mt1	3.80738818	0.13283597	5.43990579	0.077138158	9.22047879	0.0472439
1455287_at	Cdk6	9.18542622	0.0257377	5.444432459	0.075833333	6.92515646	0.07180763
1418322_at	Crem	7.84992208	0.03377301	5.451046901	0.075757072	10.9629057	0.03670732
1444524_at	Gm14005	5.06548942	0.0791242	5.455519815	0.075976821	7.7025261	0.06118095
1439615_at	Gan	4.49179888	0.0972346	5.477920518	0.075159129	4.55151973	0.13049756
1427104_at	Zfp612	5.57221787	0.06568015	5.506866623	0.074158249	13.9959903	0.02450644
1423006_at	Pim1	3.01843346	0.19056	5.509991144	0.074328859	6.90982896	0.07159468
1443017_at	Cpeb2	12.8634436	0.01445205	5.510564059	0.075719064	5.27640388	0.10657485
1457073_at	---	6.0540755	0.0558811	5.51288179	0.073979764	4.92323521	0.11821272
1444459_at	---	7.87447278	0.03337539	5.533312229	0.074319328	10.537446	0.03819242
1416010_a_at	Ehd1	3.74566013	0.13568359	5.533529573	0.073817568	7.11530204	0.0685274
1451675_a_at	Alas2	4.00225567	0.12009761	5.536861112	0.072786325	4.21069487	0.14763937
1445534_at	Flnb	4.65938109	0.0909154	5.551502682	0.07379661	9.63479074	0.04373096
1438470_at	Socs2	2.09455921	0.34860309	5.564614196	0.072619048	3.61754676	0.18491156
1455992_at	Vgll4	5.93595436	0.05779381	5.56898729	0.073531409	7.81816482	0.06041257
1433118_at	2300004M11	2.51359114	0.25697487	5.570724618	0.072708688	3.50324042	0.1932399
1455898_x_at	Slc2a3	1.32378455	0.76117097	5.57280369	0.072679181	3.96192984	0.16271783
1424090_at	Sdcbp2	4.68037243	0.0901676	5.576010714	0.073891709	6.83519896	0.071875
1433796_at	Endod1	3.86375871	0.12682281	5.579032671	0.072808219	7.20633141	0.06734266

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1416503_at	Lxn	2.14232645	0.32768924	5.602743063	0.071769759	8.81257318	0.05006865
1440378_at	Sec11c	3.01850669	0.19276134	5.638455383	0.070778547	7.84552505	0.05958498
1435913_at	B4galnt4	13.3335589	0.013	5.650917003	0.071772806	6.77638104	0.07415584
1452969_at	Atp2b1	5.58791471	0.06548507	5.65591328	0.069878049	5.27751948	0.10642599
1452127_a_at	Ptpn13	5.39785042	0.0697148	5.663386537	0.071344828	6.92673269	0.0712
1448883_at	Lgmn	1.08976344	1.12224734	5.665349658	0.06965096	6.95056376	0.07105528
1445129_at	---	8.06755589	0.03262136	5.668498614	0.071381693	7.63639467	0.06143667
1420583_a_at	Rora	7.29597102	0.04002841	5.678067501	0.07	12.8348987	0.02851301
1442014_at	---	4.88469449	0.08572464	5.67894655	0.075759599	6.60763197	0.0797678
1435559_at	Myo6	4.4175149	0.09971831	5.682418156	0.070103986	-1.05857244	1.19196347
1424727_at	Ccr5	3.28290575	0.16631822	5.690353713	0.069913194	8.28136356	0.05522293
1419247_at	Rgs2	8.26953763	0.03156667	5.697411725	0.071852487	9.02549881	0.04909953
1457153_at	LOC552882	4.82842723	0.08513196	5.713038821	0.069434629	8.17125873	0.055
1452217_at	Ahnak	5.24863886	0.07365025	5.719517053	0.06954386	6.38171125	0.08041096
1439989_at	Tsc1	6.36370371	0.0521789	5.742072979	0.069702797	6.27583171	0.08412463
1457528_at	Slc4a7	4.74452393	0.08786629	5.744030196	0.068989362	5.87978472	0.09085635
1456821_at	---	5.57118156	0.06543925	5.744946004	0.069649737	8.55189022	0.05199125
1437217_at	Ankrd6	6.58531142	0.04882641	5.747568147	0.069115044	9.98139642	0.04176781
1434557_at	Hip1	4.24988853	0.10799511	5.756332787	0.068434164	7.54130919	0.06366171
1438294_at	Atxn1	5.3722198	0.07278066	5.764511412	0.069664903	8.36774179	0.05492537
1444195_at	---	7.1652978	0.04187328	5.766622837	0.069577465	6.41223219	0.08113122
1418004_a_at	Tmem176b	10.3464696	0.02165049	5.776183867	0.068561279	1.58662003	0.5856
1423902_s_at	Arhgef12	3.06582426	0.18821551	5.777838985	0.067845601	6.09064492	0.08678261
1425793_a_at	Rorc	4.31767105	0.10370787	5.785246106	0.067741935	3.4172797	0.19843711
1442151_at	D230040A04	2.75573406	0.22838227	5.785439927	0.069560633	5.59573122	0.10100894
1420699_at	Clec7a	5.63837722	0.06560377	5.820084099	0.068053571	5.01183876	0.11542601
1451006_at	Xdh	2.5819481	0.24240506	5.822908707	0.067960289	3.45193429	0.19697527
1419772_at	---	6.85417646	0.04537662	5.831646757	0.067096189	8.17440279	0.05503067
1441231_at	Gm3626	3.98374876	0.12179487	5.842462895	0.067945946	3.39116661	0.20361263
1460099_at	---	7.01136334	0.04346667	5.848878419	0.068146168	7.65151272	0.0613852
1440038_at	B430007K19f	3.35466801	0.16214342	5.85912407	0.06678245	5.32536348	0.10572464
1439537_at	---	5.48831518	0.06757299	5.859442208	0.066948529	6.71581893	0.075056
1426300_at	Alcam	2.7198712	0.22442968	5.861148268	0.066630237	15.4077931	0.02019231
1452794_x_at	4933402N22	36.0307056	0.0026087	5.868513038	0.066586716	25.8706608	0.00932039
1446107_at	---	3.51370564	0.1508377	5.868587614	0.067088608	6.92466046	0.07104027
1435931_at	---	3.31986214	0.16220205	5.86927918	0.066872727	12.3460988	0.02985714
1441153_at	---	5.68629915	0.06428846	5.86950972	0.066709797	4.34582476	0.14075786
1456762_at	Gimap6	10.3056005	0.02168317	5.879961328	0.067931655	3.67541375	0.18397541
1455104_at	Mxd1	4.78090366	0.08576197	5.885554459	0.066721612	7.4278688	0.06456881
1449893_a_at	Lrig1	8.2037868	0.0313468	5.888254384	0.066751825	7.50025684	0.06398524
1447581_at	---	9.19232623	0.02613821	5.892949896	0.067119565	7.08532976	0.06847863
1417168_a_at	Usp2	4.8470714	0.08375559	5.903306847	0.066512059	3.19544827	0.21751969
1420425_at	Prdm1	1.37123262	0.69365997	5.916292306	0.066844037	10.2344618	0.04065574
1442550_at	---	4.15124765	0.11221704	5.921017017	0.06588785	5.38949464	0.10336239
1452655_at	Zdhhc2	4.88172153	0.08226048	5.924136982	0.066555556	8.59531195	0.05196468
1451905_a_at	Mx1	10.3197659	0.02209184	5.936955639	0.065403377	5.17343798	0.10987074
1438761_a_at	Odc1	9.01830727	0.02748031	5.949451496	0.065423729	10.1408499	0.0403022
1419647_a_at	Ier3	6.00946545	0.05610879	5.954608537	0.065764925	5.59113689	0.09814863

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1446001_at	---	7.164288	0.04180328	5.964901578	0.065543071	8.88839748	0.04967593
1445402_at	---	10.808392	0.0213369	5.969106523	0.065772812	4.74762176	0.12396266
1441823_at	Zmiz1	4.47856538	0.09666227	5.976834798	0.065047438	7.36066783	0.06557971
1437711_x_at	Odc1	8.10483791	0.03146179	5.978499065	0.065085066	9.12157741	0.04828502
1447165_at	---	8.09746316	0.03267974	5.990743233	0.065019011	9.29355135	0.04690418
1420098_s_at	D13Ertd787e	5.00105221	0.07949843	5.993595272	0.065320755	7.8452894	0.05922772
1439943_at	Vps54	2.46587842	0.27043379	6.003116503	0.065009524	45.7064754	0.0047541
1443161_at	---	12.4840575	0.01519737	6.007230409	0.065300752	11.298231	0.03496815
1437199_at	Dusp5	6.06823378	0.05586498	6.010673549	0.064903846	9.19549136	0.0480292
1426817_at	Mki67	4.61049505	0.09553191	6.012694535	0.067745975	8.83788811	0.05025114
1440408_at	B830008J18F	2.08745004	0.34357192	6.036455473	0.065143403	9.76886984	0.04346154
1440400_at	---	9.65175749	0.02450216	6.038673481	0.065268199	11.2946031	0.03504762
1422953_at	Fpr2	4.82271314	0.08550512	6.038833935	0.065316699	4.40949977	0.13887859
1446598_at	---	5.25351615	0.07371429	6.044333789	0.064787645	5.83985818	0.091
1426543_x_at	Endod1	4.03152779	0.11832053	6.045646677	0.064584139	8.54355596	0.0520915
1451458_at	Tmem2	7.90440389	0.03327044	6.052145478	0.065038168	5.10726765	0.11472127
1416203_at	Aqp1	3.36877327	0.15989567	6.054607061	0.065075758	3.90304023	0.16728906
1445701_at	Atp2b4	5.28014787	0.07357751	6.074427031	0.064682081	8.69923377	0.05167038
1452954_at	Ube2c	3.2305579	0.18124642	6.085173229	0.065724907	6.33451135	0.08414815
1434350_at	Csrnp1	4.45090899	0.09794771	6.087711541	0.064019417	7.19602401	0.06723478
1444878_at	---	6.71021969	0.04684211	6.091552661	0.064476744	5.29253902	0.10806147
1446938_at	AA408213	10.0222186	0.02328767	6.098164212	0.063988327	7.22493696	0.06733449
1426368_at	Rin2	2.0259169	0.35919481	6.118423629	0.06334638	8.81805209	0.05025
1421931_at	Icos	6.35663536	0.05184149	6.119498102	0.06337232	9.82129546	0.04296875
1424638_at	Cdkn1a	5.65147193	0.0645229	6.139863859	0.063320313	7.38384192	0.06489051
1437898_at	C920009B18F	4.53217426	0.09462466	6.142914628	0.062761341	6.07394285	0.08736091
1435338_at	Cdk6	9.45049567	0.02524793	6.167304164	0.062972441	8.12033924	0.05581301
1430700_a_at	Pla2g7	5.0186639	0.07905363	6.174525759	0.063098039	4.22115654	0.14791486
1424838_at	A330049M08	1.30634262	0.77121411	6.193450262	0.062312253	7.68586871	0.06122605
1423825_at	Wls	1.25834135	0.88188681	6.198023966	0.062848723	13.4846235	0.02582031
1429216_at	Paqr3	4.88716676	0.08338806	6.202558054	0.061972112	5.39515098	0.10340824
1457445_at	Trps1	13.8929558	0.0125	6.202615378	0.062237624	13.5154409	0.02519841
1457178_at	---	3.51360416	0.15097902	6.248507646	0.060240964	6.35354451	0.08120482
1423909_at	Tmem176a	14.2467736	0.01214876	6.287747716	0.06032	1.72419546	0.51261593
1457336_at	R3hdm1	2.86665509	0.20584146	6.291366174	0.060320641	3.21554512	0.21560091
1420973_at	Arid5b	3.49396462	0.15096438	6.306939089	0.060100604	6.80964694	0.07312092
1438542_at	Trp53	7.19151137	0.04355615	6.307441847	0.066482505	6.60715871	0.08311012
1424711_at	Tmem2	9.17310402	0.02657371	6.315031805	0.059677419	5.00779325	0.11646927
1435244_at	Vav2	1.97859088	0.37032107	6.315177715	0.05979798	9.49088969	0.0453598
1443387_at	BB045044	7.81341549	0.03398148	6.320388907	0.059185336	7.57616806	0.06230912
1445265_at	---	4.15740991	0.11173099	6.32508558	0.059247967	2.54406406	0.30038889
1430585_at	5930436O19	6.51153044	0.05068235	6.336546059	0.062222222	11.9285491	0.03027778
1430523_s_at	Igl-V1	4.0449027	0.17254974	6.343064445	0.08627193	1.73623833	0.46096328
1427263_at	Xist	1.21294993	0.97975514	6.362527558	0.058875256	23.9708639	0.01078261
1432757_at	2900011L18F	9.13110843	0.0257551	6.36378458	0.0598583	9.85625786	0.04206806
1436907_at	Nav1	6.39080057	0.05190805	6.363902209	0.058852459	2.61121575	0.28961905
1448748_at	Plek	6.96333452	0.0439314	6.371611633	0.059675456	8.96987782	0.04951163
1419905_s_at	Hpgd	4.72208278	0.08846809	6.376405299	0.059306122	4.22442016	0.14795455

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1447271_at	Nck1	6.25374329	0.05319101	6.406382774	0.058374486	5.96172571	0.08848101
1442395_at	---	1.97257479	0.3740359	6.410158367	0.058665298	13.4425972	0.02579767
1448793_a_at	Sdc4	1.47340768	0.62208207	6.412565543	0.058164948	10.5942288	0.03815789
1422748_at	Zeb2	5.59133712	0.06562852	6.417219509	0.058281573	3.99261326	0.16143202
1458589_at	---	3.10532299	0.18364085	6.423961886	0.058285124	4.90726212	0.11811816
1446784_at	---	1.26864346	0.87072821	6.423976729	0.058112033	10.595771	0.03781711
1417268_at	Cd14	5.27285138	0.07298969	6.425164242	0.058319328	5.33390945	0.10501836
1416318_at	Serpinb1a	19.4410603	0.007625	6.453782687	0.058322851	4.48946957	0.1345619
1437856_at	lpmk	7.80742425	0.03426829	6.455781125	0.058270042	5.92272732	0.0894854
1455266_at	Kif5c	6.56055712	0.04886199	6.456773116	0.058336842	8.5274142	0.05238095
1442489_at	D1Ertd564e	6.70273548	0.04699495	6.460093295	0.058087318	9.79204372	0.04342784
1426260_a_at	Ugt1a1 /// U	2.57410041	0.24530085	6.467411169	0.058245243	6.95841312	0.07079258
1446929_at	D130062J21F	8.52894128	0.0285	6.47291997	0.062326044	5.18939613	0.11832787
1457944_at	---	6.2815837	0.05242009	6.474430664	0.058305439	6.06716831	0.08693525
1427040_at	Mdfic	3.91742322	0.12493789	6.478455915	0.058183716	6.58598853	0.07804075
1441428_at	LOC1000450	1.13148176	1.06322623	6.485839547	0.058083333	9.12334791	0.04890476
1442427_at	---	6.1063488	0.05556503	6.504147613	0.057680851	8.29452865	0.05446581
1448566_at	Slc40a1	3.54616173	0.14691137	6.514788456	0.057919321	2.54203401	0.30135124
1417513_at	Evi5	5.68551749	0.06381783	6.519772692	0.057735043	10.3533566	0.04002778
1418488_s_at	Ripk4	4.54817679	0.09540613	6.523735695	0.057739872	15.7245664	0.02
1430295_at	Gna13	12.2238485	0.01512821	6.533819801	0.057875536	12.3024749	0.03045455
1424176_a_at	Anxa4	3.26286659	0.16687595	6.54475869	0.057794433	11.5344315	0.03340984
1442381_at	---	4.93984235	0.08121766	6.549705323	0.057677419	6.10431749	0.08609898
1428057_a_at	Ahnak	5.44470292	0.06900901	6.551582088	0.057838983	5.27559324	0.10667866
1443630_at	---	4.00331462	0.12010787	6.558655054	0.057478448	6.02549598	0.08819602
1435645_at	Mmd	2.95702546	0.19808889	6.578718887	0.057093275	24.2080785	0.01078947
1440622_at	---	7.54300823	0.03625	6.584185581	0.057056277	7.17381231	0.06708772
1435792_at	Csprs /// Gm	4.23923321	0.10906475	6.608250303	0.056847826	5.1343916	0.11201381
1425503_at	Gcnt2	8.12070511	0.03201987	6.624814231	0.056949891	3.17760544	0.21992729
1444886_at	Appbp2	7.38656354	0.04036517	6.625449484	0.060598802	7.38513008	0.06747841
1445600_at	---	5.32945005	0.07214035	6.660920978	0.055701754	6.87107898	0.07196046
1422428_at	Acsbg1	5.98602512	0.057375	6.667141439	0.055274725	8.73515518	0.05097506
1439496_at	Ston1	1.12821472	1.08486414	6.669675939	0.055524017	8.63545184	0.05169643
1421188_at	Ccr2	2.56430583	0.2453827	6.683243011	0.055055188	5.66163339	0.09668865
1439736_at	5830453J16R	8.58215525	0.02847826	6.684362619	0.057321814	5.5930685	0.10280702
1438998_at	---	6.53619035	0.04966507	6.690968258	0.055579869	9.22676556	0.04844125
1421571_a_at	Ly6c1 /// Ly6	7.30229524	0.03997167	6.691594393	0.055154867	1.52103147	0.62237105
1435458_at	Pim1	4.4278919	0.09803129	6.694702749	0.05518847	8.23472231	0.05535865
1459238_at	---	3.82424071	0.12911558	6.834156727	0.052666667	15.9645871	0.01943005
1428938_at	Gnaq	2.82591225	0.21103819	6.836446698	0.052157303	5.76876169	0.09354447
1422286_a_at	Tgif1	8.4624183	0.02905263	6.848889101	0.052427617	12.3764015	0.03010638
1440040_at	---	11.5053795	0.01741176	6.856615712	0.05203125	10.8593562	0.03719033
1438583_at	Ern1	10.0036413	0.02330233	6.867849064	0.05206278	7.97292077	0.05743487
1418401_a_at	Dusp16	11.9850581	0.01515337	6.884992105	0.051513761	17.0537251	0.01760234
1448594_at	Wisp1	1.43974502	0.63446854	6.885700034	0.051981982	40.1000834	0.00534247
1459272_at	---	5.22022986	0.0742	6.890522254	0.052035794	10.3262415	0.0400838
1459670_at	---	6.09734002	0.05528261	6.89201098	0.051343964	7.22666491	0.06713781
1438274_at	Ikzf4	1.472875	0.61467215	6.895714288	0.051493213	14.3883574	0.02348018

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1447286_at	---	15.8219992	0.01148148	6.896957133	0.051461187	8.2075976	0.05538462
1429954_at	Clec4a3	3.51357169	0.15063103	6.906493062	0.051715576	3.12249299	0.2255458
1455176_a_at	Syt11	4.6457612	0.0914069	6.913230363	0.051578947	7.11670779	0.06780069
1458823_at	---	9.548197	0.02506276	6.914300634	0.051315193	9.78897859	0.04290155
1447147_at	---	7.13394454	0.04113573	6.931367443	0.051363636	8.4113945	0.05344086
1456661_at	---	7.08249003	0.04269022	6.95237869	0.05091954	10.7648526	0.03705706
1446930_at	---	6.72561719	0.0464557	6.97209229	0.050161663	8.23750061	0.05553459
1452840_at	1500009L16F	3.16242953	0.17785714	6.978095458	0.050325581	5.99245983	0.08830508
1457231_at	---	5.79183298	0.06246521	6.989164486	0.050115207	7.96608018	0.05738
1450971_at	Gadd45b	4.05700946	0.11712528	6.989681253	0.050208333	9.42358931	0.04529851
1418402_at	Adam19	9.31679231	0.02510373	7.016168196	0.05025522	8.26567898	0.05508511
1448724_at	Cish	2.76924622	0.21856153	7.044480575	0.05034965	9.07245712	0.04900709
1448327_at	Actn2	6.0265054	0.05645094	7.046865443	0.050350467	3.36669182	0.20306098
1460253_at	Cmtm7	2.01520276	0.36495241	7.047590017	0.049882353	9.71376107	0.04329082
1427742_a_at	Klf6	9.92944673	0.02357466	7.047752852	0.049953162	8.04874213	0.05692153
1424030_at	Grhl1	7.326682	0.03940171	7.048591516	0.049457547	14.7407191	0.0213242
1418295_s_at	Dgat1	9.74095576	0.02421739	7.053372992	0.049597156	11.788133	0.03232558
1421187_at	Ccr2	4.43385011	0.09928205	7.061991086	0.049788732	8.68875819	0.05148315
1449037_at	Creml	10.7803591	0.02108108	7.073716173	0.049182692	13.8228513	0.02473469
1448367_at	Sdf4	2.84003098	0.21028144	7.079594194	0.049667458	5.22570856	0.10718041
1429797_at	Atl3	3.66768567	0.13995301	7.088326213	0.049479905	6.65581346	0.07517628
1451012_a_at	Csda	6.17362706	0.05383073	7.107702678	0.04930622	5.8987053	0.08970914
1425951_a_at	Clec4n	3.85385333	0.12805274	7.114151347	0.049232614	2.66784836	0.28257913
1440513_at	C80258	9.28569568	0.02555556	7.124654231	0.049261905	9.33254138	0.04679803
1444827_at	---	9.0742705	0.02674699	7.142859118	0.049188544	7.45419038	0.06473297
1455418_at	---	4.45655322	0.09854569	7.201779025	0.04748184	15.6330063	0.02004902
1432826_a_at	Cd80	1.65717581	0.50679947	7.205715375	0.048043478	17.6356356	0.01751479
1459463_at	---	6.58862919	0.04832512	7.230113692	0.047274939	10.3027912	0.04065753
1434302_at	LOC1005046	5.12164882	0.07690438	7.2376349	0.047390244	13.549365	0.0254902
1423824_at	Wls	1.33146853	0.73764132	7.260773926	0.047163814	18.2898753	0.01551282
1415971_at	Marcks	4.40543659	0.09998721	7.292406583	0.046855037	4.25407362	0.146875
1460273_a_at	Naip2	7.92526037	0.03334395	7.296822367	0.047107843	8.62358848	0.05200873
1446972_at	D15Wsu126e	8.42275188	0.02901408	7.300254029	0.047305825	8.59541124	0.05184444
1416418_at	Gabarapl1	8.98824843	0.02746154	7.323508646	0.04637931	11.8559963	0.03201342
1437467_at	Alcam	2.83164093	0.21577326	7.324058595	0.048168675	15.7060483	0.02009756
1417162_at	Tmbim1	1.63409856	0.51133692	7.360761365	0.045820896	22.7740663	0.01161017
1448123_s_at	Tgfb1	5.75352718	0.06249012	7.365235557	0.04573201	5.25427484	0.1071957
1434210_s_at	Lrig1	10.3265993	0.02185	7.370657564	0.046246914	9.42663804	0.04555556
1419766_at	Sik1	5.76108948	0.06254438	7.387092621	0.046113861	8.67077932	0.0514447
1425293_a_at	Zcchc18	5.31785092	0.07267016	7.388022875	0.045925	12.5328562	0.0296
1445710_x_at	Duxbl /// Gm	4.77442391	0.08726753	7.390216691	0.045860349	4.20032706	0.14851563
1444426_at	Cass4	4.07556949	0.11594104	7.397519871	0.045829146	11.4301439	0.03449838
1429525_s_at	Myo1f	6.76303897	0.04602067	7.404342683	0.045717884	8.98199965	0.04957944
1432466_a_at	Apoe	4.87553882	0.08343797	7.406652578	0.045914787	3.51272751	0.19335943
1445452_at	Traf1	4.60094433	0.0920082	7.433697594	0.045659898	7.81924873	0.06009862
1425546_a_at	Trf	3.78797463	0.13135729	7.440407649	0.045127551	7.04025003	0.07013605
1444482_at	A130078K24	4.20605194	0.10912114	7.443218907	0.045808081	12.1089064	0.03089347
1424800_at	Enah	1.48745738	0.61054828	7.46673916	0.045699746	3.57821068	0.18561616

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1448830_at	Dusp1	5.01831605	0.10209799	7.467644936	0.055176211	8.44971882	0.05520661
1456973_at	---	3.76304793	0.13581623	7.468593962	0.045544304	8.54112831	0.05228261
1458469_at	Cblb	9.77364475	0.02333333	7.46864573	0.045333333	6.1483388	0.08660377
1443464_at	---	4.17728816	0.11336427	7.46900812	0.045167959	7.71005775	0.06148289
1442832_at	Ankrd52	8.07806637	0.03260586	7.472546658	0.045242967	8.71421072	0.05097285
1441531_at	Plcb4	4.655491	0.09022284	7.51854415	0.045283505	12.2834025	0.03028169
1458933_at	Slc22a15	5.59927485	0.06573308	7.519673384	0.045167095	11.0687469	0.03596875
1446127_at	Zeb1	9.42139048	0.02508475	7.556614365	0.045284974	10.4077766	0.03911681
1447448_s_at	Klf6	8.06868369	0.03279605	7.559722793	0.044649351	8.20886825	0.05535417
1423016_a_at	Gypa	5.62667772	0.06513258	7.571075911	0.044386423	5.58175319	0.09850649
1447285_at	---	3.24118941	0.16882971	7.589781397	0.044348958	8.20670636	0.05505133
1427102_at	Sfn4	8.84668323	0.02779026	7.623622414	0.043743455	6.47442318	0.07973725
1443544_at	---	4.83798065	0.08433628	7.656552823	0.043641161	9.99932008	0.04104
1426597_s_at	Iffo2	4.42443019	0.10079082	7.687351661	0.043631579	6.29635405	0.08194611
1456918_at	Raph1	6.21285622	0.05392857	7.715457289	0.04351706	13.0709914	0.02675676
1441058_at	Itpkb	6.40734497	0.05213457	7.743182613	0.043597884	7.79487921	0.0607767
1433716_x_at	Gfra2	2.71947846	0.22465746	7.752356951	0.043173333	1.97616718	0.43438887
1435771_at	Plcb4	8.66603262	0.02837545	7.755402546	0.0433687	15.288942	0.02004831
1457342_at	Ikzf4	1.42744979	0.63950451	7.755823649	0.043208556	21.0208631	0.01248
1452359_at	Rell1	7.12644052	0.04264865	7.762340217	0.042849462	12.4677279	0.02907749
1442946_at	---	5.44728871	0.06900542	7.785141888	0.043430851	8.93844167	0.04939675
1449591_at	Casp4	9.07856955	0.02753906	7.82846797	0.042641509	10.289921	0.04005571
1444369_at	---	6.03467747	0.05586864	7.847546469	0.042655827	5.39189225	0.1032625
1426594_at	Frmd4b	5.01256834	0.07954474	7.856163746	0.042377049	12.7655164	0.0286194
1417898_a_at	Gzma	7.3939229	0.03867052	7.856218201	0.0426703	13.7111721	0.02502024
1440121_at	---	11.3431938	0.01748538	7.864935859	0.042756757	11.8495059	0.03136054
1442822_at	---	10.8495753	0.02081522	7.865844504	0.042356164	13.3197645	0.0267433
1440654_at	---	7.63533611	0.03598802	7.901062462	0.042717391	7.53303727	0.06358595
1440492_at	---	2.81143495	0.2184735	7.902240019	0.042895442	2.65198326	0.28951452
1437219_at	---	7.07658508	0.04171662	7.90276952	0.042121212	7.64813683	0.06198502
1456960_at	---	22.5305402	0.00590909	7.919174222	0.042188366	7.84269774	0.06023483
1418204_s_at	Aif1	4.31423072	0.10374065	7.928227347	0.04189415	3.15746848	0.22178256
1435800_a_at	Csda	7.92461035	0.03344937	7.95846392	0.042099448	7.26110945	0.06667851
1421009_at	Rsad2	6.57811091	0.04894231	7.994502922	0.041092437	6.20632107	0.08405325
1435605_at	Actr3b	1.15830753	1.02410193	8.004428125	0.042	2.67039532	0.28917814
1417458_s_at	Cks2	9.7331042	0.02334862	8.014985998	0.042252747	8.67131023	0.05137387
1454795_at	Cobll1	6.95233853	0.04381579	8.017893938	0.041759777	20.2499766	0.01356061
1428940_at	Gnaq	3.49650443	0.15110823	8.050918215	0.040983146	5.77655089	0.09351827
1443354_at	---	2.24994541	0.30881569	8.060727213	0.04079096	4.62866131	0.12755779
1446316_at	Lpin2	7.92569985	0.03330159	8.062114838	0.041098592	11.0570784	0.03601246
1420731_a_at	Csrp2	1.64387432	0.52757923	8.072301164	0.040679887	14.5924984	0.02233184
1444869_at	---	5.17499212	0.07546053	8.129021291	0.040314286	8.81745108	0.05020501
1422945_a_at	Kif5c	8.54526362	0.02882979	8.134169195	0.040625	8.75340911	0.05147651
1449090_a_at	Yes1	6.57253537	0.04885922	8.147825032	0.04019943	10.7005645	0.03789941
1444598_at	---	8.5291679	0.02895105	8.211410161	0.039396552	7.58531977	0.06229478
1456843_at	Yes1	6.18803633	0.05403974	8.254190109	0.039971347	13.5144104	0.025
1433508_at	Klf6	9.48435721	0.02484979	8.272079208	0.039132948	8.53682734	0.05233261
1442409_at	D9Wsu90e	6.16642788	0.05455338	8.29429868	0.038625731	7.54389711	0.0635436

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1427076_at	Mpeg1	4.41197617	0.09988506	8.316116679	0.039193084	4.97154753	0.11784852
1427455_x_at	Gm10883 ///	3.92524671	0.13539293	8.333273517	0.078127036	5.97228633	0.12749251
1453228_at	Stx11	8.81799097	0.028	8.346174011	0.038727811	24.2871281	0.01072072
1457591_at	---	8.07755312	0.03266234	8.352067279	0.038746356	10.6468395	0.03813953
1436933_at	---	7.84362194	0.03384375	8.360388589	0.038662791	10.3626422	0.03897143
1460032_at	---	8.89182774	0.02768061	8.407343391	0.038529412	12.8114334	0.02844444
1436915_x_at	Laptm4b	-1.33283821	0.78407286	8.422119427	0.037147147	16.1317196	0.01942408
1434909_at	Rragd	2.26393625	0.30443209	8.438481051	0.038613569	19.5721228	0.01517241
1449851_at	Per1	13.8954758	0.0125	8.463435081	0.037275449	12.4864662	0.02974729
1458924_at	D430013B06	7.03508733	0.04262873	8.477085471	0.037738095	9.55793087	0.04447236
1424775_at	Oas1a	6.74672177	0.04648855	8.479250026	0.037082067	9.80886811	0.04347044
1439165_at	LOC1005043	7.63528319	0.03594595	8.495752081	0.037863501	1.54756142	0.67515438
1460014_at	Trem14	5.62387034	0.06570621	8.507400266	0.036969697	3.56631301	0.18645875
1434366_x_at	C1qb	3.80916558	0.13019019	8.591886886	0.037055215	3.21185107	0.21570618
1459098_at	---	3.37257767	0.16020048	8.599523169	0.037067901	9.2540293	0.04713235
1417457_at	Cks2	10.5228967	0.02146597	8.601331449	0.037522388	9.70723219	0.04288312
1438960_at	---	7.17162474	0.04184066	8.618877567	0.037259036	11.8970749	0.03075862
1446509_at	Smox	23.6551106	0.00507692	8.624943464	0.037015385	20.3175565	0.01390977
1452654_at	Zdhhc2	7.46227227	0.03828488	8.625063032	0.03621875	11.8931997	0.03179661
1457307_at	Apol11b	5.05923177	0.07893651	8.637347498	0.037195122	7.819863	0.06031189
1437421_at	6330509M05	6.77090338	0.04632391	8.640880523	0.036320755	11.0861639	0.0360815
1421173_at	Irf4	4.91370075	0.08233434	8.650898609	0.036397516	10.0161072	0.0412234
1417483_at	Nfkbiz	5.51648767	0.06789091	8.663800364	0.037155963	11.8019226	0.03086505
1422411_s_at	BC151093 ///	7.05051349	0.04346774	8.670338586	0.036199377	5.47448531	0.10208597
1415972_at	Marcks	3.11065127	0.18601541	8.678144849	0.036277603	3.38266819	0.20308824
1457483_at	---	5.58004465	0.06531481	8.699103122	0.03611465	12.3880454	0.03038869
1433741_at	Cd38	5.97502604	0.05718427	8.734287379	0.036063492	10.0472934	0.04096774
1437473_at	Maf	5.65222279	0.06437262	8.737668265	0.036173633	8.32470029	0.05522199
1459170_at	---	5.02143021	0.08221719	8.750669099	0.037099698	8.13139756	0.05606491
1447491_at	---	8.69258338	0.02878676	8.757323461	0.035949367	8.87800179	0.0502069
1447329_at	---	8.09122608	0.03231023	8.762929993	0.035903226	2.24949059	0.35550438
1418589_a_at	Mlf1	12.1055495	0.01521739	8.767476549	0.035584416	23.4799376	0.01088496
1421854_at	Fgl2	3.06981844	0.18682792	8.777641409	0.03566343	10.4142232	0.03957627
1442497_at	Smchd1	9.50668044	0.02512605	8.78082605	0.036332288	9.28760533	0.04711491
1456547_at	LOC1005026	9.8121095	0.02331797	8.80341533	0.036102236	10.0214081	0.04108696
1423885_at	Lamc1	2.68823948	0.2284952	8.821516359	0.036121795	13.1628197	0.02725191
1428027_at	Mir155	11.0335362	0.02005587	8.85896608	0.035377049	18.8051816	0.01537415
1448233_at	Prnp	4.28939745	0.10653941	8.860204515	0.035445545	13.2767028	0.02680769
1454942_at	Fam129a	4.38972329	0.10169192	8.90589128	0.03513245	15.2920509	0.02070755
1426994_at	Phlpp1	1.80256964	0.43144019	8.912746051	0.034782609	11.0998633	0.03608696
1456022_at	Hipk2	5.96049302	0.05811861	8.917916346	0.035182724	5.5973023	0.09872093
1456700_x_at	Marcks	5.28300948	0.07295026	8.918400571	0.035816993	4.72205551	0.12566769
1430386_at	E030024N20	3.29878938	0.16435897	8.923914348	0.034933333	6.37416633	0.08115616
1419208_at	Map3k8	3.29255681	0.16544049	8.924636029	0.035328947	6.55889752	0.07788644
1445395_at	---	10.120942	0.02273585	8.939980389	0.035700326	7.92956468	0.05830677
1418057_at	Tiam1	7.27252659	0.04027933	9.056833068	0.033762712	17.6330076	0.01641975
1419561_at	Ccl3	15.7457983	0.01122642	9.062191639	0.034276094	8.05628656	0.05667339
1424931_s_at	Igl-C1 /// Igl-	4.73712476	0.11015348	9.062421961	0.038753623	1.95553271	0.47492438

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1443088_at	9930031P18f	9.55253298	0.02414847	9.082776205	0.034463087	11.240882	0.03464744
1426223_at	Ttc39c	10.2391094	0.02173913	9.106163313	0.033458904	18.7694352	0.01536913
1455521_at	Klf12	5.6585863	0.06409178	9.115815129	0.03377551	14.6358199	0.02245536
1444785_at	---	11.9815557	0.01512346	9.121640634	0.03402027	11.7370125	0.03247525
1422005_at	Eif2ak2	5.15086597	0.07582651	9.123010642	0.033310345	11.3429579	0.03492013
1450355_a_at	Capg	3.72034565	0.1368134	9.205758951	0.032682927	10.0007526	0.04171958
1458205_at	---	4.4443425	0.0984088	9.240558174	0.033447099	10.6721578	0.03765396
1426301_at	Alcam	2.23715725	0.31176606	9.250245575	0.033356401	15.9978006	0.01928571
1420697_at	Slc15a3	4.40541623	0.10140863	9.267648539	0.032797203	17.2582985	0.01738095
1442992_at	130004C03	9.73156388	0.02339286	9.279400914	0.033436426	10.6735757	0.03758929
1432733_at	4933402E15f	13.1241159	0.0129078	9.291318462	0.033159722	8.13847414	0.055
1438796_at	Nr4a3	17.2712429	0.00925532	9.45219898	0.031443662	16.2853182	0.01860215
1428547_at	Nt5e	10.5631631	0.02184615	9.46249085	0.031071429	11.3653484	0.03475884
1458075_at	---	2.98523602	0.19393742	9.47817961	0.031484099	17.4095861	0.01751515
1434046_at	AA467197	8.23254409	0.03133779	9.483524532	0.031276596	7.27193011	0.06639138
1436882_at	Ubl5	13.7553251	0.01284672	9.519912631	0.032807018	10.7765862	0.03652308
1421223_a_at	Anxa4	4.32670372	0.10387578	9.577030082	0.031209964	15.212215	0.02065728
1456060_at	Maf	8.45167134	0.02923611	9.589706536	0.031079137	10.1312246	0.04102703
1443086_at	Alcam	5.47611091	0.06777778	9.639021281	0.031003584	21.370395	0.01286822
1420064_s_at	Tktl1	-1.30396637	0.86758692	9.703319207	0.030577617	19.7256144	0.01475177
1450750_a_at	Nr4a2	20.5707858	0.00684932	9.707501331	0.029637681	27.012776	0.0091
1417266_at	Ccl6	7.90946438	0.03373041	9.729697825	0.029527273	6.67549584	0.0751278
1422542_at	Gpr34	4.09898488	0.11526735	9.74942184	0.029489051	3.89445559	0.16717711
1452666_a_at	Tmcc2	4.02313458	0.1184785	9.839772772	0.02875	3.70800965	0.17854494
1441811_x_at	Tmem176a	18.5582658	0.00785714	9.913331674	0.028395522	2.11702749	0.38623419
1426208_x_at	Plagl1	25.0248006	0.00383333	9.924584243	0.028827839	49.7328315	0.00413793
1429900_at	5330406M23	9.71488331	0.02362832	9.981085094	0.028413284	10.8415315	0.03710843
1450430_at	Mrc1	5.56050148	0.06561694	9.986263677	0.028364312	3.97808747	0.16130225
1436853_a_at	Snca	7.82270919	0.03408669	10.00655404	0.028571429	8.24902342	0.05524211
1449773_s_at	Gadd45b	5.73460189	0.06320236	10.01918555	0.028518519	13.0004831	0.02674419
1416811_s_at	Ctla2a /// Ctl	23.833738	0.00515625	10.05947657	0.02844697	12.7651035	0.02811321
1444247_at	---	3.91260644	0.12454545	10.06841721	0.028501873	13.5313136	0.02520161
1428562_at	2210403K04f	15.807986	0.01130841	10.12869686	0.028129771	16.7066048	0.0175
1450792_at	Tyrbp	6.38010426	0.052	10.13809723	0.028555133	5.71510498	0.09565563
1445918_at	Tmem2	17.8412938	0.00901099	10.17194269	0.028153846	6.36104297	0.08098485
1447040_at	---	6.81822716	0.04641026	10.19017319	0.028377358	28.6200972	0.00806122
1440563_at	---	2.11936196	0.33578854	10.19461226	0.028237548	15.9698627	0.01923077
1449401_at	C1qc	5.28937893	0.07292174	10.20386162	0.027906977	3.76900402	0.17421554
1439696_at	Nr2c2	10.291835	0.02157635	10.24844651	0.026771654	10.9741199	0.03639144
1430185_at	Akap13	7.92221214	0.03309904	10.27205789	0.026745098	11.7631565	0.03216216
1424034_at	Rora	12.1837809	0.01519481	10.29512898	0.026875	20.9458133	0.01307692
1426818_at	Arrdc4	3.7152089	0.13663776	10.34142674	0.026666667	6.67597399	0.07520064
1419759_at	Abcb1a	12.1530793	0.01525	10.34814307	0.027837838	10.2247949	0.04038567
1422567_at	Fam129a	5.09435089	0.07767628	10.38751268	0.026653386	18.98099	0.01540541
1449193_at	Cd5l	5.48899998	0.06895683	10.4343826	0.026640316	3.92990199	0.16592593
1436325_at	Rora	13.6918612	0.01268657	10.45123601	0.02626506	25.9876931	0.00933962
1459293_at	---	10.2212637	0.02201923	10.51474288	0.02601626	16.8844311	0.01779661
1418809_at	Pira2	6.29067575	0.05244898	10.55160092	0.026234818	4.55807606	0.13035503

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1436598_at	Icos	11.3412677	0.01744186	10.55979557	0.02625	15.3361027	0.02023697
1418649_at	Egln3	9.9990544	0.02294393	10.58842914	0.025843621	17.6987635	0.01740964
1416111_at	Cd83	5.45567108	0.06900722	10.60804332	0.025892116	46.0310889	0.00483871
1458083_at	---	22.3997905	0.00661972	10.65525588	0.025785124	13.9155723	0.02485477
1460220_a_at	Csf1	1.19829241	0.97104371	10.70935732	0.02628	5.76333947	0.09443409
1449363_at	Atf3	13.2310287	0.0128169	10.73059622	0.025836735	16.0175694	0.01936842
1446258_at	9530067D14	8.94613792	0.02754864	10.75164125	0.025336134	14.2126138	0.02393939
1420691_at	Il2ra	1.64276753	0.52245732	10.76236573	0.025084746	11.4649117	0.03444805
1459794_at	---	5.70687119	0.06337255	10.78478118	0.02525	3.41560229	0.20071207
1428967_at	Igf1r	7.40532644	0.03881844	10.79015238	0.025147679	10.3638155	0.03974648
1440315_at	Mbnl1	9.89001928	0.02340807	10.84943744	0.025778689	10.6732921	0.0382029
1427660_x_at	Gm10883 ///	7.80028408	0.06536044	10.85077863	0.038621701	9.87326101	0.05541841
1428288_at	Klf9	13.9122449	0.01244094	10.85184419	0.025148936	14.2378395	0.02382609
1426541_a_at	Endod1	7.00096276	0.04343164	10.8650532	0.025150215	16.195525	0.01941176
1439999_at	---	7.5619938	0.03627219	10.87253665	0.025042735	7.79153007	0.06035294
1433699_at	Tnfaip3	12.1395244	0.01539394	11.04169691	0.025230126	14.0562515	0.02384279
1440977_at	---	10.5336486	0.02152632	11.07153486	0.023793103	15.9245791	0.01939698
1433966_x_at	Asns	12.6400185	0.01533333	11.1297684	0.023799127	17.2469179	0.01761628
1443937_at	---	7.52132411	0.03666667	11.13544005	0.023903509	12.8632801	0.02820225
1416329_at	Cyfp1	6.52544671	0.04889157	11.15127422	0.023695652	15.4232689	0.02019048
1441373_at	---	6.34939149	0.05217391	11.15263985	0.023920705	16.0065816	0.01954315
1415897_a_at	Mgst1	7.78864124	0.03416413	11.20978472	0.023901345	8.54876886	0.05197368
1418901_at	Cebpb	7.92798006	0.03267742	11.26443723	0.023679654	13.8010233	0.02428571
1457839_at	---	6.16337256	0.05462719	11.28422162	0.0240625	9.00920623	0.04912941
1457889_at	AU014972	6.29608492	0.05308559	11.31100331	0.024026549	12.6453933	0.02780303
1420351_at	Tnfrsf4	5.23166441	0.07427379	11.34567077	0.023303167	20.6256832	0.01296875
1427736_a_at	Ccrl2	4.75723513	0.08619048	11.46240867	0.023243243	15.7193356	0.0193
1418243_at	Fcna	6.0191301	0.05727651	11.47247693	0.022824074	3.75136333	0.17364364
1421930_at	Icos	10.4243583	0.0219598	11.49740735	0.022850467	15.7779369	0.0193299
1433266_at	2810416A17	5.89911418	0.05807377	11.49833715	0.02283105	21.9537172	0.01209677
1416034_at	Cd24a	8.5832955	0.02913793	11.50661569	0.024133333	10.2366139	0.03881844
1447640_s_at	Pbx3	13.8652494	0.01253846	11.51818638	0.022752294	13.7399197	0.02495935
1459601_at	Sik1	8.45717989	0.02871886	11.62740032	0.022857143	12.2257551	0.02934307
1419758_at	Abcb1a	14.1431509	0.01216667	11.76359134	0.022930233	14.056219	0.02438298
1456250_x_at	Tgfb1	8.33569987	0.03078231	11.82762361	0.023018868	7.90356384	0.05831349
1446713_at	---	5.10243772	0.07675806	11.83888795	0.023127962	8.49386787	0.05314655
1451776_s_at	Hopx	8.47558726	0.02885017	11.84316957	0.0215311	17.3616641	0.01751445
1429381_x_at	Igh-2 /// Igh-	7.61445088	0.03869565	11.90165254	0.022863636	7.03689994	0.07606688
1448213_at	Anxa1	14.9080535	0.01172727	11.91180387	0.022910798	8.57989505	0.05238612
1417395_at	Klf4	17.6388549	0.01050505	12.04698314	0.021714286	15.2714485	0.02004854
1447339_at	---	9.19191209	0.02665323	12.1281702	0.021634615	13.8019002	0.0247541
1419532_at	Il1r2	16.1515233	0.0109901	12.1780255	0.020917874	32.0338065	0.00666667
1417500_a_at	Tgm2	5.42886271	0.06908766	12.26669761	0.02092233	4.94393577	0.11765487
1435342_at	Kcnk6	4.06154417	0.11827051	12.27301953	0.02102439	15.8997076	0.01942708
1457516_at	---	13.5702776	0.01275362	12.27948656	0.020597015	14.8594451	0.02142202
1426037_a_at	Rgs16	5.32391794	0.07287671	12.28216797	0.02049505	48.6839167	0.004
1443969_at	Irs2	8.97622185	0.02747126	12.32058055	0.020441176	10.4391934	0.03876437
1440927_x_at	Apol11b	7.20066425	0.04111421	12.3211072	0.020394089	9.16922627	0.04850962

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1426174_s_at	Igh-3 /// Ighg	5.60598675	0.0655618	12.4295601	0.02065	7.19529249	0.06719577
1443602_at	---	12.999582	0.01442177	12.61058531	0.020502513	22.3665887	0.0115
1415949_at	Cpe	29.4872287	0.00314815	12.69288692	0.01959596	7.38576998	0.06493625
1423586_at	Axl	2.55130138	0.2494783	12.76886452	0.019637306	13.7199026	0.0251004
1436778_at	Cybb	6.28535109	0.05252273	12.77028071	0.019297297	13.9994994	0.02436441
1419083_at	Tnfsf11	13.2280638	0.01314685	12.77596181	0.019583333	12.0770819	0.03081911
1448471_a_at	Ctla2a	27.5862988	0.00357143	12.77702453	0.019465241	15.5897944	0.01949495
1435828_at	Maf	7.84572445	0.03403727	12.80239362	0.019487179	12.4949798	0.0297482
1428289_at	Klf9	14.7647327	0.0122807	12.86637139	0.019593909	14.7560363	0.0222973
1450009_at	Ltf	6.59591741	0.04888078	12.93670528	0.019540816	9.79271117	0.04335038
1446167_at	---	10.4733059	0.02164021	12.93703407	0.019055556	12.3305479	0.02982079
1445229_at	Dgat1	18.6586582	0.00788235	12.96022027	0.019368421	24.6255379	0.01098214
1450744_at	Ell2	18.1073058	0.00853933	12.96904192	0.019417989	24.2682807	0.01091743
1449222_at	Ebi3	2.56601867	0.24545092	12.99159507	0.019581152	18.4060311	0.01558442
1427866_x_at	Hbb-b2	7.53702407	0.03685294	13.00338207	0.019247312	14.3216916	0.02418103
1424305_at	Igj	10.056351	0.04378307	13.01469863	0.036532508	9.4094148	0.07776378
1446422_at	---	10.5656406	0.02139896	13.04873759	0.019536082	14.8846494	0.02087558
1423754_at	Ifitm3	12.3515626	0.01493671	13.06564704	0.019293478	7.1535614	0.06749135
1441115_at	D18Ertd232e	21.4481305	0.0076	13.07763719	0.019125683	18.2741196	0.01652174
1447849_s_at	Maf	11.0029108	0.02044199	13.11379492	0.019521277	14.9136691	0.02167421
1457605_at	---	10.6473684	0.0211828	13.25063873	0.018901099	17.0946739	0.01748571
1452352_at	Ctla2b	39.6551591	0.00277778	13.25230738	0.018587571	23.0529051	0.01155738
1436326_at	Rora	22.0485723	0.00676471	13.40159987	0.019162011	42.3242716	0.00507042
1451563_at	Emr4	6.5700985	0.04887805	13.41471966	0.019005525	4.35831357	0.14177982
1459299_at	Myo3b	4.25399499	0.108	13.47686784	0.018636364	12.4573762	0.02978261
1452656_at	Zdhhc2	8.4091404	0.0295189	13.52632796	0.018850575	16.3252517	0.01869565
1455165_at	Rora	19.5779798	0.00772152	13.52690614	0.018411765	30.9112481	0.00685393
1452417_x_at	Gm10883 ///	9.83180748	0.0391404	13.53860011	0.027821012	11.8593799	0.04215223
1428662_a_at	Hopx	8.40668296	0.03023973	13.56095304	0.019157303	10.2034608	0.04111111
1438855_x_at	Tnfaip2	11.0875343	0.01892045	13.56335018	0.018479532	10.6639252	0.03801187
1416529_at	Emp1	52.0769602	0.00192308	13.61951415	0.018742857	5.73315122	0.09445928
1447242_at	---	14.04437	0.01251908	13.76249372	0.018728324	16.5581547	0.01857923
1457670_s_at	Lmna	4.76801905	0.08628613	13.90589793	0.01760479	6.73776448	0.07444084
1445311_at	Akap13	8.26541161	0.03144295	14.09617336	0.017678571	17.8585949	0.01695122
1426808_at	Lgals3	38.5481575	0.00282051	14.09967497	0.017098765	16.9838308	0.01770588
1429524_at	Myo1f	12.7680827	0.01439189	14.10822907	0.018106509	17.7083759	0.0164375
1422264_s_at	Klf9	13.6054082	0.01278195	14.18312302	0.017409639	16.1123311	0.01957447
1427445_a_at	Ttn	6.20527436	0.05480176	14.27169714	0.017393939	19.0460511	0.01527778
1438169_a_at	Frmd4b	9.00019754	0.02756757	14.2855202	0.017256098	18.9399638	0.01506849
1441643_at	March3	10.2450847	0.02205742	14.48913938	0.016993865	18.207425	0.01547771
1421186_at	Ccr2	7.49351878	0.03739766	14.54391062	0.016521739	16.4560176	0.01868132
1449280_at	Esm1	66.8468034	0.00166667	14.59322326	0.0165625	19.4725061	0.0145
1429559_at	Gnaq	7.00036429	0.04307278	14.61836443	0.016329114	12.6229745	0.029375
1442074_at	---	10.5680088	0.02145833	14.64109617	0.016352201	15.6663986	0.02004975
1449077_at	Ahsp	8.74564628	0.02781955	14.70403295	0.015751634	8.97106957	0.04913146
1419734_at	Actb	7.70467089	0.03379205	14.85403866	0.015705128	9.97373128	0.04104278
1424759_at	Arrdc4	8.6711199	0.02864964	14.88660979	0.015677419	16.4934733	0.01861878
1458159_at	---	5.2655528	0.07292308	14.97869468	0.015732484	11.5143814	0.03413681

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Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1433169_at	5830456J23R	6.62846585	0.04701493	14.993445	0.015649351	10.4966714	0.03893064
1422603_at	Rnase4	7.05524737	0.0433687	15.07249835	0.015100671	12.8606947	0.02800752
1443249_at	---	10.1905381	0.02156098	15.19946178	0.015723684	16.5551518	0.01821229
1453181_x_at	Plscr1	13.4477851	0.01273381	15.23287833	0.015629139	22.702459	0.01151261
1418199_at	Hemgn	11.9600098	0.01530488	15.28867703	0.0154	12.3374871	0.03017794
1450357_a_at	Ccr6	15.7682793	0.01088235	15.37221691	0.01462585	14.8038789	0.02177273
1443798_at	Pik3cd	20.3489155	0.00716216	15.48747448	0.014657534	18.5356397	0.01559211
1417654_at	Sdc4	1.90087896	0.39585888	15.51112763	0.014527027	20.8597746	0.01299213
1419764_at	Chi3l3	9.11837452	0.02694444	15.72340387	0.013862069	11.8518196	0.0322
1438783_at	---	12.3576427	0.01503185	15.94366798	0.013142857	19.9656989	0.01468531
1444073_at	Maf	14.4020439	0.01241935	15.95787523	0.013636364	19.0469312	0.01549669
1422631_at	Ahr	14.3310261	0.01210084	15.99229406	0.013309859	27.8043749	0.00829787
1445695_at	---	12.4346156	0.01509677	16.0600558	0.013680556	18.0839133	0.0156962
1416094_at	Adam9	14.7530704	0.01189189	16.10261771	0.013043478	15.1730408	0.02065116
1447863_s_at	Nr4a2	36.5379385	0.00272727	16.10797612	0.013021583	45.2869456	0.00492063
1436614_at	---	11.7295167	0.01548193	16.16937115	0.013138686	16.3816261	0.0187027
1418936_at	Maff	19.1464276	0.00759036	16.2750304	0.013049645	18.7410949	0.0154902
1416514_a_at	Fscn1	10.2394406	0.02207071	16.31446757	0.012857143	13.8739338	0.02385965
1458947_at	---	3.91577626	0.12443979	16.43834707	0.013161765	19.9206571	0.0138806
1446085_at	---	3.07600959	0.18660417	16.51248104	0.012878788	14.2145843	0.02444444
1457304_at	D13Ertd787e	14.7718642	0.0119469	16.79121824	0.012761194	24.2222336	0.01081818
1425603_at	Tmem176a	43.6362433	0.0025	16.83299518	0.012366412	3.77500878	0.17406319
1434109_at	Sh3bgrl2	4.99028311	0.07995356	16.84830632	0.012307692	2.43240198	0.31735456
1455900_x_at	Tgm2	7.17766704	0.04110497	16.87967241	0.012142857	6.18837233	0.08501475
1418392_a_at	Gbp3	5.4213294	0.06957143	16.99038533	0.012047244	15.4560168	0.02028708
1447116_at	---	20.4218737	0.00768293	17.09489117	0.011953125	28.5593915	0.00901961
1446558_at	Dennd4a	33.605761	0.0032	17.49264647	0.011693548	60.6941964	0.00276596
1433438_x_at	Mela	24.2862864	0.00370968	17.5049981	0.011626016	38.8396959	0.00539474
1427262_at	Xist	2.97610412	0.19351015	17.51701443	0.018662791	62.6550982	0.00225
1419219_at	Cyp4f18	1.29433554	0.80570459	17.98031844	0.011229508	13.0124586	0.0278327
1418930_at	Cxcl10	14.5019668	0.01220339	18.13621717	0.010743802	27.9155421	0.00808081
1448182_a_at	Cd24a	11.1677502	0.02098901	18.17743418	0.011937984	13.2301422	0.02559055
1416464_at	Slc4a1	11.1532068	0.01937853	18.67778754	0.010336134	11.7525073	0.03263158
1448265_x_at	Mpzl2	13.4288761	0.01279412	18.69417198	0.010344828	61.053905	0.00291667
1417381_at	C1qa	9.46478674	0.02504167	18.94998761	0.010263158	6.07190829	0.08700434
1439831_at	---	8.94608624	0.02769811	18.95106034	0.01025641	11.4920293	0.03356209
1437542_at	Ikzf2	3.89979512	0.12472539	19.0071897	0.010254237	44.3887856	0.005
1451632_a_at	Ighg	14.9754073	0.011875	19.16050039	0.010347826	11.3199316	0.03525316
1418018_at	Cpd	13.8794966	0.0124	19.19100465	0.010357143	20.0339964	0.01389706
1449824_at	Prg4	3.99993069	0.12005382	19.25818718	0.009636364	12.2840552	0.03034843
1416871_at	Adam8	10.3433384	0.02166667	19.27521437	0.010265487	9.73421743	0.04338422
1417061_at	Slc40a1	10.938692	0.02016667	19.46368988	0.01009009	7.31654901	0.06636852
1425763_x_at	Igh-2 /// Igh-	13.5160966	0.01509434	19.64250015	0.01224	14.2023392	0.02483471
1448943_at	Nrp1	3.58016232	0.14534483	19.71729858	0.009622642	28.1095801	0.00822917
1436936_s_at	Xist	3.26211279	0.2079467	19.73065119	0.013185185	48.2001813	0.00484375
1438724_at	Osbpl3	11.3118135	0.0183237	19.76530528	0.009719626	31.0608054	0.00681818
1418084_at	Nrp1	2.80555916	0.2156993	19.84382636	0.00962963	24.9381637	0.00990654
1455729_at	Gnaq	8.69251308	0.02868132	20.09498135	0.009807692	16.2167559	0.0194709

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1427747_a_at	Lcn2	10.3303102	0.02213198	20.18227169	0.009714286	13.696987	0.02494024
1424542_at	S100a4	13.9806545	0.0124031	20.55845582	0.009902913	23.4174162	0.0114876
1424631_a_at	Ighg	6.88069836	0.04400524	21.02887841	0.008921569	10.0338961	0.04105121
1437502_x_at	Cd24a	12.8553769	0.01529412	21.03624063	0.009541284	15.3302041	0.02009852
1421855_at	Fgl2	6.89735553	0.04515625	21.1762956	0.0086	32.7481915	0.00642857
1428939_s_at	Gnaq	9.98321848	0.02327273	21.27754799	0.008712871	19.6688404	0.01478873
1439643_at	---	37.6670201	0.0027907	21.29237537	0.008571429	15.1979518	0.02056075
1436223_at	Irgb8	1.11812902	1.10131057	21.37506151	0.008585859	56.3223907	0.00320755
1417063_at	C1qb	9.30441212	0.02607287	21.49828992	0.007956989	5.37958544	0.10401731
1456456_x_at	Mela	39.1721117	0.00261905	21.52945658	0.008210526	49.5418212	0.0040678
1421654_a_at	Lmna	20.0417049	0.00792208	21.72769659	0.008041237	25.6890803	0.00942857
1428484_at	Osbpl3	16.4464579	0.01052083	21.77098837	0.008085106	38.3881731	0.00532468
1421653_a_at	Igh-2 /// Igh-	13.8710651	0.01530201	21.91363129	0.010416667	12.5134411	0.03212121
1448944_at	Nrp1	3.45930368	0.153173	22.21137293	0.007717391	29.8795531	0.00758242
1435355_at	Neb	4.75195662	0.08597701	22.24912457	0.008125	32.5570182	0.00674419
1440804_at	Nktr	17.8897543	0.00855556	22.65435745	0.007294118	20.0084384	0.01366412
1452614_at	Bcl2l15	5.97514338	0.05726141	22.69367471	0.007209302	23.5320212	0.01094828
1424704_at	Runx2	17.8357709	0.00891304	22.84642724	0.007126437	35.3502048	0.006125
1441054_at	Apol8	24.8402594	0.00372881	22.94174672	0.007078652	19.4313379	0.01460432
1419691_at	Camp	14.3633795	0.01232759	23.03807603	0.007439024	17.3038161	0.01748503
1428301_at	ENSMUSG00	2.89073895	0.21189858	23.12230524	0.007802198	60.5860327	0.00285714
1419872_at	Csf1r	14.0509425	0.01213115	23.12834293	0.007530864	9.94516288	0.04186842
1429527_a_at	Plscr1	19.3879496	0.00782051	23.60627225	0.007375	35.314979	0.00617284
1444972_at	C77626	10.1842182	0.02179104	23.76914878	0.007444444	28.1429827	0.00923077
1441375_at	---	22.2959021	0.00666667	23.7870864	0.007045455	21.5670458	0.01285714
1439389_s_at	Myadm	9.63805255	0.02452586	24.14875098	0.007012987	27.7274237	0.0083871
1456111_at	Fam55d	2.19335094	0.31717252	24.38550031	0.007066667	32.2957332	0.00670588
1456341_a_at	Klf9	25.3359379	0.0047619	24.41106501	0.00721519	26.798184	0.0090099
1422134_at	Fosb	22.9377716	0.00671429	24.87161584	0.00746988	20.8640646	0.01377778
1421375_a_at	S100a6	17.899367	0.00829545	24.95724303	0.006973684	29.3174286	0.0075
1420788_at	Klrg1	2.3418738	0.28845443	25.04278892	0.006756757	60.7925796	0.00294118
1451335_at	Plac8	16.4978181	0.01087379	25.05459537	0.007051282	5.28382737	0.10735399
1426063_a_at	Gem	22.1092012	0.00666667	25.2174414	0.006575342	68.6819931	0.00232558
1417394_at	Klf4	48.4332754	0.00241379	25.24921564	0.007380952	43.9008408	0.005
1421134_at	Areg	19.5221269	0.00802632	27.17717009	0.006086957	70.3029505	0.00238095
1450330_at	Il10	5.43272116	0.06917415	27.24311941	0.006268657	52.0956136	0.00363636
1437247_at	Fosl2	42.3966979	0.00242424	27.48323641	0.006176471	43.1661943	0.00492754
1423626_at	Dst	11.7469149	0.01672619	28.16584794	0.006060606	49.2625704	0.00368421
1434502_x_at	Slc4a1	18.6288064	0.00802326	28.40264404	0.005692308	18.9428741	0.01526667
1436240_at	B230214O09	36.1829969	0.00266667	28.52173817	0.006527778	2.47780903	0.38795535
1452731_x_at	ENSMUSG00	3.13735402	0.18848877	28.72556438	0.006	79.620241	0.002
1417185_at	Ly6a	13.0308564	0.01529801	28.73147193	0.006056338	26.1793977	0.01064815
1456182_x_at	Mela	46.1884961	0.00233333	29.08899739	0.005625	63.7543407	0.00222222
1452123_s_at	Frm4b	16.5296965	0.01040816	30.70439632	0.005333333	41.3745964	0.00527778
1423547_at	Lyz2	25.6287877	0.00362069	31.31307604	0.00516129	23.2086923	0.01111111
1425145_at	Il1rl1	1.95092277	0.37943448	31.76655345	0.005245902	58.3409376	0.0028
1420692_at	Il2ra	3.55051098	0.14759325	32.10868479	0.005423729	33.8873911	0.00650602
1431296_at	Gpr15	4.56526941	0.09461745	32.14505691	0.005344828	27.5561036	0.00814433

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Probe Set ID	Gene Symbol	Fold Change: ex-iTreg vs Tconv	RP-FDR: ex-iTreg vs Tconv	Fold Change: iTreg vs Tconv	RP-FDR: iTreg vs Tconv	Fold Change: nTreg vs Tconv	RP FDR: nTreg vs Tconv
1437277_x_at	Tgm2	11.1750677	0.01873563	32.70777388	0.005087719	9.61876497	0.04438596
1417601_at	Rgs1	33.0065398	0.00319149	32.81719439	0.005238095	41.0946876	0.00527027
1418932_at	Nfil3	14.007216	0.01243902	33.88848727	0.004821429	66.5779864	0.00227273
1433428_x_at	Tgm2	10.5278699	0.02190722	35.06856925	0.00462963	9.41807144	0.04554455
1418722_at	Ngp	18.27051	0.00816092	35.14725222	0.004716981	28.0803692	0.00821053
1456956_at	Ikzf2	3.62501844	0.14923961	37.05595068	0.004545455	106.767839	0.00038462
1449984_at	Cxcl2	37.8584472	0.00275	37.795651	0.004117647	54.0768171	0.00333333
1416236_a_at	Mpzl2	26.4520324	0.00350877	37.82614023	0.004038462	97.1311183	0.001
1427038_at	Penk	5.11655111	0.07734727	42.25899834	0.003	73.924807	0.00236842
1424923_at	Serpina3g	8.69146878	0.02834532	44.31950921	0.003061224	40.2919577	0.00533333
1455034_at	Nr4a2	104.83912	0.00125	45.26403629	0.002708333	110.955189	0.0004
1418025_at	Bhlhe40	51.1337289	0.00185185	46.68714081	0.002340426	74.2131703	0.00219512
1419060_at	Gzmb	16.5557447	0.01031579	46.81633199	0.002391304	44.8812204	0.00476923
1434028_at	Arnt2	16.0263428	0.0105	47.09471728	0.002444444	52.7808739	0.00375
1449109_at	Socs2	14.6381703	0.01226087	47.59715156	0.002325581	35.5272307	0.00607595
1417184_s_at	Hbb-b1 /// H	37.2700108	0.00263158	47.82169408	0.002272727	36.6602148	0.00646341
1455009_at	Cpd	64.459898	0.00157895	54.4656597	0.002380952	57.1509272	0.00307692
1448162_at	Vcam1	24.9391721	0.00377049	55.68711575	0.002195122	22.1353713	0.01211382
1418203_at	Pmaip1	72.1212918	0.00176471	56.84073612	0.00225	116.243266	0.00045455
1437726_x_at	C1qb	22.4049924	0.00641791	58.85378654	0.002432432	14.5667622	0.02262222
1418507_s_at	Socs2	17.0266967	0.01041237	59.90342831	0.002307692	44.3824273	0.00492537
1428361_x_at	Hba-a1 /// H	55.4221203	0.00125	68.59064894	0.002368421	62.3034436	0.0023913
1460417_at	AB041803	58.9061626	0.00142857	72.01605501	0.002571429	72.9732937	0.00230769
1428834_at	Dusp4	20.0834934	0.00753086	77.87203016	0.002058824	212.119484	0
1439426_x_at	Lyz1	89.8108806	0.00153846	99.85227088	0.001612903	86.7942963	0.00117647
1449216_at	Itgae	9.04354453	0.02751938	106.6664995	0.001666667	144.268581	0
1420394_s_at	Gp49a /// Lili	86.5606843	0.00133333	112.8091281	0.00137931	137.090995	0
1452757_s_at	Hba-a1 /// H	100.911725	0.00166667	117.9801223	0.0015625	105.63177	0
1436996_x_at	Lyz1	108.15151	0.001	122.2346928	0.001428571	103.828594	0.00068966
1419334_at	Ctla4	89.051623	0.00181818	138.7957902	0.001538462	190.14682	0
1417714_x_at	Hba-a1 /// H	105.896664	0.00111111	143.8890836	0.0016	109.422327	0.00043478
1447541_s_at	Itgae	15.0623677	0.01174312	146.7255867	0.00125	180.609086	0
1419394_s_at	S100a8	110.452072	0.00142857	156.408669	0.001304348	131.797269	0
1448756_at	S100a9	127.475248	0.002	177.1433299	0.001363636	143.695725	0

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Amino Acid Sequence	Mouse 4 iReg 316 Chip	Mouse 4 iReg 314 Chip	Mouse 4 iReg Subcloning	Mouse 4 ex- iReg 316 Chip	Mouse 4 ex- iReg Subcloning	Mouse 6 iReg 316 Chip	Mouse 6 iReg 314 Chip	Mouse 6 iReg Subcloning	Mouse 6 ex- iReg 316 Chip	Mouse 6 ex- iReg Subcloning	Total Frequency
ASGANANTEVFF	825	35	0	0	0	0	0	0	0	0	860
ASGARGPSAETLYF	799	41	1	15	0	1	0	0	0	0	857
ASGDLGISNERLFF	807	5	29	0	0	0	0	0	0	0	841
ASGDDRASQNTLYF	812	26	0	0	0	0	0	0	0	0	838
ASGDRGQSYEQYF	823	11	4	0	0	0	0	0	0	0	838
ASGDAGGAPLF	817	3	0	0	0	0	0	0	0	0	820
ASGEHFAEQFF	0	0	0	0	0	760	58	0	0	0	818
ASGETGSGNTLYF	0	0	0	0	0	762	21	0	0	0	783
ASGDGSSYEQYF	754	10	0	0	0	0	0	0	0	0	764
ASGDLTEVFF	0	0	0	763	1	0	0	0	0	0	764
ASGDAGFEQYF	0	0	0	0	0	734	21	1	0	0	756
ASGETGMGAEQFF	753	2	0	0	0	0	0	0	0	0	755
ASGRDTQDTQYF	0	0	0	0	0	699	53	1	0	0	753
ASGDNRVVFF	0	0	0	0	0	724	24	0	0	0	748
ASGDRANTEVFF	742	6	0	0	0	0	0	0	0	0	748
ASGGQGGDTEVFF	1	0	0	0	0	684	46	0	0	0	731
ASGDARQDTQYF	0	0	0	721	2	0	0	0	0	0	723
ASGVQLSAETLYF	0	0	0	0	0	705	12	3	0	0	720
ASGAAGTYAEQFF	680	24	0	0	0	0	0	0	0	0	704
ASGEWSNYAEQFF	0	0	0	0	0	625	20	4	49	1	699
ASGDAGGAEQYF	0	0	0	66	0	612	6	0	0	0	684
ASGLGGAETLYF	641	6	9	0	0	0	0	0	0	0	656
ASGDRGPNTLYF	0	0	0	0	0	626	24	1	0	0	651
ASGDAGSSQNTLYF	464	5	3	169	5	0	0	0	0	0	646
ASGGTGGYAEQFF	0	0	2	135	0	504	0	0	1	0	642
ASGDARGYTEVFF	633	2	0	0	0	0	0	0	0	0	635
ASGGTGNNERLFF	583	39	9	0	0	0	0	0	0	0	631
ASGPGQNSDYTF	576	30	2	15	0	0	0	0	0	0	623
ASGGENSGNTLYF	0	0	0	75	0	527	18	1	0	0	621
ASGDAGGYQDTQYF	578	9	7	14	0	0	0	0	0	0	608
ASGDRDYAEQFF	0	0	4	0	0	550	45	0	0	0	599
ASGDARLYEQYF	0	0	0	0	0	499	21	0	73	0	593
ASGDPGLDTGQLYF	559	18	0	0	0	0	0	0	0	0	577
ASGGGPSAETLYF	0	0	0	0	0	563	12	0	0	0	575
ASGDGGTGQDTQYF	561	2	0	0	0	0	0	0	0	0	563
ASGVGTGESPLYF	527	29	1	0	0	0	0	0	0	0	557
ASGEDWGANYAEQFF	0	0	0	0	0	541	11	4	0	0	556
ASGERTGGGEQYF	0	0	0	0	0	538	7	0	0	0	545
ASGDAIYNSPLYF	0	0	0	0	0	522	11	0	0	0	533
ASGDRGGYAEQFF	530	0	0	0	0	0	0	0	0	0	530
ASGPGTDYAEQFF	499	28	2	0	0	0	0	0	0	0	529
ASGVGTFSQNTLYF	505	18	2	0	0	0	0	0	0	0	525
ASGDRVISNERLFF	498	19	0	0	0	0	0	0	0	0	517
ASGPEVFF	0	0	0	0	0	502	11	0	0	0	513
ASGPTGANTGQLYF	478	22	5	0	0	0	0	0	0	0	505
ASHDTTEVFF	0	0	0	0	0	478	2	0	0	0	480
ASGEQGANTGQLYF	452	19	3	0	0	0	0	0	0	0	474
ASGDGRDTAYEQYF	469	4	0	0	0	0	0	0	0	0	473
ASGESSQNTLYF	0	0	0	0	0	445	9	1	8	0	463
ASGDGGAAQNTLYF	0	0	0	0	0	438	9	9	0	1	457
ASGDARGGTGQLYF	0	0	0	0	0	420	33	1	0	0	454
ASGVGNTEVFF	0	0	0	0	0	447	3	0	2	0	452
ASGDARQGPSAETLYF	451	1	0	0	0	0	0	0	0	0	452
ASGEPGQGF	426	20	0	0	0	0	0	0	0	0	446
ASGDDNYAEQFF	0	0	0	0	0	433	11	1	0	0	445
ASGDAQYNNQAPLF	0	0	0	0	0	428	11	4	0	0	443
ASGDLGGPSYEQYF	435	8	0	0	0	0	0	0	0	0	443
ASRDRGHEQYF	0	0	0	0	0	426	9	2	0	0	437
ASGDPGTGQDTQYF	0	0	0	0	0	388	41	3	0	0	432
ASGDRLGGGTGQLYF	425	3	4	0	0	0	0	0	0	0	432
ASGERQVSGNTLYF	0	0	0	19	0	382	8	0	20	2	431
ASGEPGQRDTQYF	0	0	0	430	1	0	0	0	0	0	431
ASGDRTGNTGQLYF	0	0	0	0	0	420	8	0	0	0	428
ASGDSSNERLFF	0	0	0	0	0	415	13	0	0	0	428
ASGDAENSPLYF	0	0	0	0	0	411	17	0	0	0	428
ASGPRDRGLEQYF	418	9	0	0	0	0	0	0	0	0	427
ASGATGTHSAETLYF	413	11	0	0	0	0	0	0	0	0	424
ASGANTEVFF	0	0	0	0	0	417	4	1	0	0	422
ASGDALGGREQYF	394	1	0	25	0	0	0	0	0	0	420
ASGDDWGANYAEQFF	371	5	0	39	1	0	0	0	0	0	416
ASGDRASYSPLYF	0	0	0	0	0	413	3	0	0	0	416
ASGEGENTLYF	0	0	0	0	0	409	7	0	0	0	416
ASGYRGRDERLFF	0	0	0	410	2	0	0	0	0	0	412
ASGEQGAETLYF	396	15	1	0	0	0	0	0	0	0	412
ASGDARGANERLFF	396	10	2	0	0	0	0	0	0	0	408
ASGDPGEQEYF	0	0	0	0	0	399	4	0	0	0	403
ASGDELGGDAEQFF	378	20	2	0	0	0	0	0	0	0	400
ASGDGLGPNQDTQYF	394	5	0	0	0	0	0	0	0	0	399
ASGGGQIDTQYF	0	0	0	0	0	385	12	0	0	0	397
ASVGGAEETLYF	0	0	0	0	0	389	5	0	0	0	394

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex- iTreg 316 Chip	Mouse 4 ex- iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex- iTreg 316 Chip	Mouse 6 ex- iTreg Subcloning	Total Frequency
ASGGTGGDTGQLYF	393	0	0	0	0	0	0	0	0	0	393
ASGDHRDRGAEVFF	383	8	0	0	0	0	0	0	0	0	391
ASGGTVQDTQYF	0	0	0	0	0	389	1	0	0	0	390
ASGDPGENTLYF	0	0	0	0	0	362	15	0	0	0	377
ASGDHWGGVTGQLYF	368	2	7	0	0	0	0	0	0	0	377
ASGAAYEQYF	3	0	0	0	0	0	0	0	373	0	376
ASGDDWGERQNTLYF	371	1	0	0	0	0	0	0	0	0	372
ASGEPHNSDYTF	0	0	0	0	0	339	25	0	0	0	364
ASGDLGQNTLYF	0	0	0	0	0	332	31	0	0	0	363
ASGGPNTGQLYF	0	0	0	0	0	317	40	0	0	0	357
ASGLGGQNTLYF	0	0	0	0	0	341	5	0	9	0	355
ASGDAGVNSPLYF	0	0	0	0	0	350	3	0	0	0	353
ASGSSGNTLYF	0	0	0	348	1	0	0	0	0	0	349
ASGQGNDSYTF	0	0	0	0	0	339	4	0	0	0	343
ASGEGQKGEQYF	0	0	0	0	0	332	10	0	0	0	342
ASGGTGVYEQYF	0	0	0	0	0	331	7	0	0	0	338
ASGDQANSDYTF	0	0	0	0	0	313	19	0	0	0	332
ASRDGYAEQFF	0	0	0	0	0	0	0	0	330	0	330
ASGDDRVYEQYF	0	0	0	0	0	323	7	0	0	0	330
ASGDPGETGQLYF	0	0	0	327	1	0	0	0	0	0	328
ASGDVGNQDTQYF	0	0	0	0	0	309	5	0	0	0	314
ASGEWGAGAETLYF	0	0	0	0	0	309	0	0	0	0	309
ASGGQGAGNTLYF	1	0	0	0	0	295	12	1	0	0	309
ASGDRDTEYQYF	0	0	0	0	0	283	10	0	11	0	304
ASDSGSDEQYF	0	0	0	299	1	0	0	0	0	0	300
ASAGGQNTGQLYF	0	0	0	0	0	296	2	0	0	0	298
ASGEQHSNERLFF	0	0	0	0	0	279	18	0	0	0	297
ASRDRGSGNTLYF	0	0	0	0	0	283	12	0	0	0	295
ASGPQTNVYAEQFF	0	0	0	0	0	287	5	0	0	0	292
ASGADTQYF	0	0	0	0	0	0	0	0	290	0	290
ASGDVGGAPAEQFF	0	0	0	4	0	270	2	2	0	0	278
ASGDSSSGNTLYF	0	0	0	0	0	268	9	0	0	0	277
ASGTGQNNERLFF	0	0	0	0	0	263	6	1	0	0	270
ASGPGRALYF	0	0	0	261	2	0	0	0	0	0	263
ASGGGSAETLYF	0	0	0	260	0	0	0	0	0	0	260
ASSDPGDYQYF	235	7	0	0	0	0	0	0	12	0	254
ASGGSYEQYF	0	0	0	0	0	0	0	0	251	0	251
ASGRLGGNYAEQFF	0	0	0	0	0	240	8	0	0	0	248
ASGDAQGGAEQFF	0	0	0	0	0	235	13	0	0	0	248
ASGEAGEYAEQFF	0	0	0	244	3	0	0	0	0	0	247
ASGDWGVDTQYF	0	0	0	247	0	0	0	0	0	0	247
ASGDQGYEQYF	0	0	0	246	0	0	0	0	0	0	246
ASGGEVFF	0	0	3	241	0	0	0	0	0	0	244
ASGGTSAETLYF	0	0	0	0	0	236	5	2	0	0	243
ASGDAEDTQYF	0	0	0	0	0	0	0	0	241	0	241
ASGDEGSGNTLYF	0	0	0	0	0	235	6	0	0	0	241
ASGEGGAGNTLYF	0	0	0	0	0	232	7	1	0	0	240
ASGLYEQYF	0	0	0	240	0	0	0	0	0	0	240
ASGDINTLYF	0	0	0	237	2	0	0	0	0	0	239
ASGDRISNERLFF	0	0	2	229	5	0	0	0	0	0	236
ASGDAWGGYEQYF	0	0	0	0	0	234	0	0	0	0	234
ASGVLDEQYF	0	0	0	0	0	0	0	0	232	0	232
ASGDTGSGNTLYF	0	0	0	0	0	228	3	0	0	0	231
ASGDWGGMGQTQLYF	214	15	0	0	0	0	0	0	0	0	229
ASGQRGSAETLYF	0	0	0	0	0	228	0	0	0	0	228
ASGESYEQYF	0	0	0	225	0	0	0	0	0	0	225
ASGRSQGGGEQYF	0	0	0	0	0	221	2	0	0	0	223
ASGPGQGGAEQFF	208	13	0	0	0	0	0	0	0	0	221
ASGDRAKEVFF	0	0	0	219	0	0	0	0	0	0	219
ASGDEGGNTLYF	0	0	0	0	0	212	5	0	0	0	217
ASGDATTNGQLYF	0	0	0	212	5	0	0	0	0	0	217
ASGEQGYNSPLYF	0	0	0	0	0	209	7	0	0	0	216
ASGRDWGAGAETLYF	0	0	0	0	0	207	2	4	0	0	213
ASGDRESVERLFF	0	0	0	211	2	0	0	0	0	0	213
ASGDRTNNNQAPLF	0	0	0	0	0	199	10	2	0	0	211
ASGDAASYSPLYF	0	0	0	0	0	199	8	1	1	0	209
ASGDQGAYSDYTF	0	0	0	0	0	193	9	5	0	0	207
ASGDTRASINQAPLF	0	0	0	0	0	191	13	1	0	0	205
ASGGKDRASAETLYF	0	0	0	0	0	203	0	0	0	0	203
ASGRSTGGDEQYF	0	0	0	0	0	199	1	0	0	0	200
ASGDAGRTERLFF	0	0	0	0	0	195	4	0	0	0	199
ASGGQGANERLFF	0	0	0	196	3	0	0	0	0	0	199
ASARDWGDAAEQFF	0	0	0	0	0	179	7	0	10	0	196
ASGGGGSNERLFF	0	0	0	0	0	188	2	5	0	0	195
ASGEQSNERLFF	0	0	0	194	0	0	0	0	0	0	194
ASGDAGQGIVRLFF	194	0	0	0	0	0	0	0	0	0	194
ASGGWGLSYEQYF	0	0	0	0	0	0	0	0	193	0	193
ASGGRRHAEQFF	0	0	0	189	3	0	0	0	0	0	192
ASGDWGLYNSPLYF	0	0	0	184	4	0	0	0	0	0	188
ASDGLGGAFEQYF	0	0	0	0	0	186	1	0	0	0	187

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ASGDANRGTGQLYF	0	0	0	184	2	0	0	0	0	0	186
ASGDRGGEQYF	0	0	0	186	0	0	0	0	0	0	186
ASGEDWGGKDTQYF	0	0	0	0	0	145	3	0	37	0	185
ASGDAGGGYEQYF	0	0	0	0	0	182	1	0	0	0	183
ASGGQGFNSNERLFF	0	0	0	0	0	179	3	0	0	0	182
ASGELETLYF	0	0	0	182	0	0	0	0	0	0	182
ASGDGQNERLFF	0	0	0	0	0	0	0	0	180	1	181
ASGATGGVQYF	0	0	0	176	0	0	0	0	3	0	179
ASGDTGTGNTLYF	0	0	0	0	0	175	3	0	0	0	178
ASGPGGGSNERLFF	0	0	9	161	6	0	0	0	0	0	176
ASGKNANTEVFF	0	0	0	0	0	174	1	0	0	0	175
ASGDMGGSATLYF	0	0	0	0	0	167	0	8	0	0	175
GTGRNTEVFF	0	0	0	175	0	0	0	0	0	0	175
ASGGLGGAETLYF	0	0	0	12	0	157	0	5	0	0	174
ASGDRTHSYNSPLYF	0	0	0	174	0	0	0	0	0	0	174
ASGDLDNSYEQYF	0	0	0	174	0	0	0	0	0	0	174
ASGDWGYEQYF	0	0	0	173	0	0	0	0	0	0	173
ASGGTGGTQQLYF	0	0	0	0	0	160	12	0	0	0	172
ASGGTGTQNTLYF	0	0	0	169	1	2	0	0	0	0	172
ASGDARTQYF	0	0	0	169	0	0	0	0	0	0	169
ASRTGSNTEVFF	0	0	0	22	0	141	0	0	0	0	163
ASVGLNYAEQFF	0	0	0	160	1	0	0	0	0	0	161
ASGDAGVSNRERLFF	0	0	0	0	0	157	0	0	0	0	157
ASGGRQGGNERLFF	0	0	0	0	0	148	8	0	0	0	156
ASGDATGENTLYF	0	0	0	109	2	0	0	0	42	1	154
ASGDAARYEQYF	0	0	0	154	0	0	0	0	0	0	154
ASGDAGTNTGQLYF	0	0	0	0	0	0	0	0	138	12	150
ASGAAGLSQNTLYF	0	0	0	144	2	0	0	0	0	0	146
ASGRRGGAEQFF	0	0	0	0	0	0	0	0	139	5	144
ASGDPTGGNYAEQFF	0	0	0	0	0	142	2	0	0	0	144
ASGAGTGVNERLFF	0	0	0	0	0	141	1	0	0	0	142
ASGGTGENYAEQFF	0	0	0	0	0	138	2	1	0	0	141
ASGNLGRQDTQYF	0	0	0	141	0	0	0	0	0	0	141
ASGDSATLYF	0	0	0	140	0	0	0	0	0	0	140
ASGELGGREQYF	0	0	0	140	0	0	0	0	0	0	140
ASGRQGNRERLFF	0	0	0	138	0	0	0	0	0	0	138
ASGEGTNTGQLYF	0	0	0	0	0	0	0	0	124	14	138
ASGSSQNTLYF	0	0	0	136	0	1	0	0	0	0	137
ASGGGGQDTQYF	0	0	2	134	1	0	0	0	0	0	137
ASGGQGGDAEVFF	0	0	0	0	0	133	1	0	0	0	134
ASGELTVFSGNTLYF	115	0	1	18	0	0	0	0	0	0	134
ASGDINQDTQYF	0	0	0	0	0	0	0	0	133	0	133
ASGAGDTQYF	0	0	0	0	0	0	0	0	133	0	133
ASGDTGLTNERLFF	0	0	0	0	0	0	0	0	127	4	131
ASGAQANTEVFF	1	0	0	124	1	4	0	1	0	0	131
ASGDYEQYF	0	0	0	130	0	0	0	0	0	0	130
ASGTGGARDTQYF	0	0	0	126	4	0	0	0	0	0	130
ASGDLASATLYF	0	0	0	0	0	0	0	0	129	0	129
ASGDKTGPSAETLYF	0	0	0	0	0	128	1	0	0	0	129
ASARDSTEVFF	0	0	0	128	1	0	0	0	0	0	129
ASGGQNERLFF	0	0	0	127	1	0	0	0	0	0	128
ASGDAAGNQDTQYF	0	0	0	127	1	0	0	0	0	0	128
ASGDRGHAEQFF	0	0	0	128	0	0	0	0	0	0	128
ASGDPGHSNERLFF	0	0	0	0	0	123	3	0	0	0	126
ASGDAQYF	0	0	0	125	0	0	0	0	0	0	125
ASGIEGGTLYF	79	0	0	44	0	2	0	0	0	0	125
ASGDLGGAETLYF	0	0	0	0	0	120	1	2	0	0	123
ASGTDWGAIVYAEQFF	0	0	0	119	4	0	0	0	0	0	123
ASGSGGLSQNTLYF	0	0	0	0	0	121	1	0	0	0	122
ASGGDRVYEQYF	0	0	0	121	0	1	0	0	0	0	122
AREGWDTQYF	0	0	0	0	0	0	0	0	120	0	120
ASGEGRSYNSPLYF	0	0	0	0	0	117	1	0	2	0	120
ASGEDWGAETLYF	0	0	0	0	0	115	0	5	0	0	120
ASGDHRGQYF	0	0	0	118	0	0	0	0	0	0	118
ASGDWASQNTLYF	0	0	0	0	0	0	0	0	116	1	117
ASGRLGGSATLYF	0	0	0	0	0	114	0	0	0	0	114
ASGDQGGANTGQLYF	0	0	0	112	1	0	0	0	0	0	113
ASGEGTGGAEQYF	0	0	0	112	0	0	0	0	0	0	112
ASGPGQPQNTLYF	0	0	0	111	1	0	0	0	0	0	112
ASGVKDTQYF	0	0	0	112	0	0	0	0	0	0	112
AAGRDGNTLYF	0	0	0	112	0	0	0	0	0	0	112
ASGDDHRGAETLYF	0	0	0	0	0	107	1	3	0	0	111
ASGDDIQAPLF	0	0	0	107	0	0	0	0	0	0	107
ASGGRDRGSAETLYF	0	0	0	107	0	0	0	0	0	0	107
ASETQNNTLYF	0	0	0	107	0	0	0	0	0	0	107
ASGDWGAETLYF	0	0	0	100	2	0	0	0	0	0	102
ASGDRGFSNERLFF	0	0	0	100	2	0	0	0	0	0	102
ASGDAGTGGGNSPLYF	102	0	0	0	0	0	0	0	0	0	102
AAGTVNSPLYF	0	0	0	44	0	1	1	0	54	1	101
ASGRQGYEQYF	0	0	0	28	0	0	0	0	73	0	101

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Amino Acid Sequence	Mouse 4 iReg 316 Chip	Mouse 4 iReg 314 Chip	Mouse 4 iReg Subcloning	Mouse 4 ex- iReg 316 Chip	Mouse 4 ex- iReg Subcloning	Mouse 6 iReg 316 Chip	Mouse 6 iReg 314 Chip	Mouse 6 iReg Subcloning	Mouse 6 ex- iReg 316 Chip	Mouse 6 ex- iReg Subcloning	Total Frequency
ASGDVAVGGANTQYF	0	0	0	0	0	99	2	0	0	0	101
ASGIEGEALYF	89	4	0	6	0	0	1	0	0	0	100
ASGDGGGYAEQFF	0	0	0	99	1	0	0	0	0	0	100
ASGGFNSPLYF	0	0	0	100	0	0	0	0	0	0	100
ATGAVNSPLYF	0	0	0	53	0	2	1	0	43	0	99
ASGEGQNTVEVF	0	0	0	0	0	99	0	0	0	0	99
ASGAGTGVTGQLYF	0	0	0	0	0	97	2	0	0	0	99
ASGGRVLSGNTLYF	0	0	0	99	0	0	0	0	0	0	99
ASGSGGNYAEQFF	0	0	0	98	1	0	0	0	0	0	99
ASGGQGDTQYF	0	0	0	98	0	0	0	0	0	0	98
ASGDAGGVNYAEQFF	0	0	0	0	0	97	1	0	0	0	98
ASGEGTVNNQAPLF	0	0	0	0	0	96	0	0	2	0	98
ASGGDRISNERLFF	0	0	0	96	2	0	0	0	0	0	98
ASGVRGQDTQYF	0	0	0	97	0	0	0	0	0	0	97
ASGDPQGRDYAEQFF	0	0	0	97	0	0	0	0	0	0	97
ATGTVNSPPYF	0	0	0	62	0	4	0	0	30	0	96
ASGTPQGNVYAEQFF	0	0	0	0	0	84	12	0	0	0	96
ASGVGAETLYF	0	0	0	95	1	0	0	0	0	0	96
ASGGTTNTGQLYF	0	0	0	95	0	0	0	0	0	0	95
ASGRDNYAEQFF	0	0	0	95	0	0	0	0	0	0	95
ASGRGEQYF	0	0	0	0	0	0	0	0	94	0	94
ASGDLGDTQYF	0	0	0	94	0	0	0	0	0	0	94
ASGTVSAETLYF	0	0	0	94	0	0	0	0	0	0	94
ASGGTNSDYTF	0	0	0	0	0	0	0	0	93	0	93
ASGDGQYEQYF	0	0	0	83	0	10	0	0	0	0	93
ASGETGGEDTQYF	0	0	0	92	1	0	0	0	0	0	93
ASGQASNTGQLYF	0	0	0	93	0	0	0	0	0	0	93
ASGAGGISNERLFF	0	0	0	91	1	0	0	0	0	0	92
ASGDPDWGGGAGETLYF	0	0	0	90	2	0	0	0	0	0	92
ASGGPGLGQDTQYF	0	0	0	77	2	0	0	0	11	1	91
ASRDWGDYF	0	0	0	91	0	0	0	0	0	0	91
ATGTVNSPVYF	0	0	0	90	0	0	0	0	0	0	90
ASGDVVRGQYF	0	0	0	89	0	0	0	0	0	0	89
ASGDASSYEQYF	0	0	0	89	0	0	0	0	0	0	89
ASGGRGSDSNERLFF	0	0	0	88	1	0	0	0	0	0	89
ASGPHSAETLYF	0	0	0	89	0	0	0	0	0	0	89
ASGGDFNQDTQYF	0	0	0	0	0	0	0	0	88	0	88
ASGEGTGGRNTEVF	0	0	0	0	0	88	0	0	0	0	88
ASGDAGGNTLYF	0	0	0	87	1	0	0	0	0	0	88
ASGDAWGGRALYF	0	0	0	86	2	0	0	0	0	0	88
ASGDAQGSYEQYF	0	0	0	87	0	0	0	0	0	0	87
ASGDAEEGRIAEQFF	1	0	0	83	0	2	0	0	0	0	86
ASGDRGQNTLYF	0	0	0	86	0	0	0	0	0	0	86
ASGDPVQDTQYF	0	0	0	85	0	0	0	0	0	0	85
ASGDAWTGVPVIF	85	0	0	0	0	0	0	0	0	0	85
ASGEGLGFYEYF	0	0	0	82	0	0	0	0	0	0	82
ASGEGQYEQYF	0	0	0	82	0	0	0	0	0	0	82
ASGRDYEQYF	0	0	0	82	0	0	0	0	0	0	82
ASGAKDTQYF	0	0	0	82	0	0	0	0	0	0	82
AGGGQYEQYF	75	7	0	0	0	0	0	0	0	0	82
ASGDAGYEQYF	0	0	0	78	0	3	0	0	0	0	81
ASGDPF	0	0	0	81	0	0	0	0	0	0	81
ASGDANSNTLYF	0	0	0	0	1	0	0	0	80	0	81
ASGDEGVDTQYF	0	0	0	81	0	0	0	0	0	0	81
ASGEPNQAPLF	0	0	0	81	0	0	0	0	0	0	81
ASGTGTHQDTQYF	0	0	0	78	0	0	0	0	0	0	78
ASGDTGQLYF	0	0	0	76	1	0	0	0	0	0	77
ASGIGGETLYF	60	1	4	9	0	2	0	0	0	0	76
ASGRGASEQYF	0	0	0	0	0	75	0	0	0	0	75
ASGDADTQYF	0	0	0	75	0	0	0	0	0	0	75
ASGPGTAGTQYF	0	0	0	74	1	0	0	0	0	0	75
ASGAPGLGGGYAEQFF	0	0	0	73	2	0	0	0	0	0	75
AGGIEGETLYF	71	1	0	3	0	0	0	0	0	0	75
ASGDVSHQYF	0	0	0	74	0	0	0	0	0	0	74
ASGDAPGRSYEQYF	0	0	0	74	0	0	0	0	0	0	74
ASARTGGTSAETLYF	0	0	0	71	3	0	0	0	0	0	74
ASGDAGSQDTQYF	0	0	0	73	1	0	0	0	0	0	74
ASGGGQNTLYF	0	0	0	73	0	0	0	0	0	0	73
ASGGQGNTLYF	0	0	0	72	0	0	0	0	0	0	72
ASGEEVFF	0	0	0	71	1	0	0	0	0	0	72
ASGEGASAETLYF	0	0	0	72	0	0	0	0	0	0	72
ASGDKTRQNTLYF	0	0	0	71	0	0	0	0	0	0	71
ASGGYSAETLYF	0	0	0	70	1	0	0	0	0	0	71
ASGDGQYF	0	0	0	0	0	0	0	0	71	0	71
ASGDAF	0	0	0	70	0	0	0	0	0	0	70
ASGESAEYF	0	0	0	67	0	0	0	0	0	0	67
ASGDARRGRIAEQLF	0	0	0	67	0	0	0	0	0	0	67
ASGSHSYEQYF	0	0	0	67	0	0	0	0	0	0	67
ASARDKNTLYF	0	0	0	0	0	0	0	0	66	0	66
ASGDARRGGLLRQFF	0	0	0	66	0	0	0	0	0	0	66

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ASGDVGHQNTLYF	0	0	0	48	0	0	0	0	0	0	48
ASGDAGGGEYF	0	0	0	48	0	0	0	0	0	0	48
ASSGANSYNSPLY	0	0	0	0	0	0	0	0	0	48	48
ASGVRDRDRERLFF	0	0	0	47	1	0	0	0	0	0	48
ASGGGGSQNTLYF	0	0	0	46	2	0	0	0	0	0	48
ASGANNQDTQYF	0	0	0	0	0	0	0	0	47	0	47
ASGIEGGNAVF	40	0	0	3	0	4	0	0	0	0	47
ASGIEGETLHF	38	3	0	5	0	1	0	0	0	0	47
ASGEAGGGEYF	0	0	0	47	0	0	0	0	0	0	47
ASGTGGALREQYF	0	0	0	46	1	0	0	0	0	0	47
AGGDARRGRIAEQFF	0	0	0	47	0	0	0	0	0	0	47
ASGDTGGDRDTQYF	0	0	0	47	0	0	0	0	0	0	47
ASGDWGGAGQLYF	0	0	0	0	0	0	0	0	44	2	46
ASGVGLGGREYF	0	0	0	0	0	0	0	0	46	0	46
ASGDSRTGGGYEQYF	0	0	0	0	0	46	0	0	0	0	46
ASARGYEYF	0	0	0	46	0	0	0	0	0	0	46
ASGADNSGNTLYF	0	0	0	46	0	0	0	0	0	0	46
ASGDAGNTLYF	0	0	0	44	2	0	0	0	0	0	46
ASGGQGSYEYF	0	0	0	46	0	0	0	0	0	0	46
ASGEMATNTGQLYF	0	0	0	44	2	0	0	0	0	0	46
ASGDALGSYEYF	0	0	0	46	0	0	0	0	0	0	46
ASGDPGDYRYF	0	0	0	0	0	5	0	0	39	1	45
ASGGRQGGPSQNTLYF	0	0	0	42	3	0	0	0	0	0	45
ASGDAGGSAETLYF	0	0	0	45	0	0	0	0	0	0	45
ASGDASGGNYAEQFF	0	0	0	44	1	0	0	0	0	0	45
ASGDAGGSAETLYF	0	0	0	20	2	0	0	1	21	0	44
ASGKNTLYF	0	0	0	44	0	0	0	0	0	0	44
ASGPPGLGVQDTQYF	0	0	0	42	2	0	0	0	0	0	44
ASGDAGGGEYF	0	0	0	43	1	0	0	0	0	0	44
ASGVAGQSGNTLYF	0	0	0	0	0	0	0	0	41	3	44
ASGETGGYAEQFF	0	0	2	0	0	0	0	0	36	5	43
ASGGTGGKDTQYF	0	0	0	13	0	0	0	0	30	0	43
ASSGSSTLYF	0	0	0	43	0	0	0	0	0	0	43
ASGDARRGDTLYF	0	0	0	42	1	0	0	0	0	0	43
ASGDARRGRIAEQFF	0	0	0	43	0	0	0	0	0	0	43
ASGDFWGGYEYF	0	0	0	43	0	0	0	0	0	0	43
ASGEEGSNERLFF	0	0	0	43	0	0	0	0	0	0	43
ASGDRGSYEYF	0	0	0	20	0	0	0	0	23	0	43
ASGGLGENTLYF	0	0	0	40	2	0	0	0	0	0	42
ASGDYIEYF	0	0	0	42	0	0	0	0	0	0	42
ASGDPGGDTQYF	0	0	0	42	0	0	0	0	0	0	42
ASGDRGNNERLFF	0	0	0	42	0	0	0	0	0	0	42
ASGGQQRERLFF	0	0	0	0	0	41	0	0	0	0	41
ASGEPMGRTANSDYTF	0	0	0	40	1	0	0	0	0	0	41
ASGDWGSNERLFF	0	0	0	0	0	0	0	0	40	1	41
ASGDRGEDTQYF	0	0	0	41	0	0	0	0	0	0	41
ASGDRYNSPLYF	0	0	0	41	0	0	0	0	0	0	41
ASGDEGVAEQFF	0	0	0	40	1	0	0	0	0	0	41
ASGGGLGGDAEQFF	0	0	0	40	1	0	0	0	0	0	41
ASGDRGSAETLYF	0	0	0	39	1	0	0	0	0	0	40
ASLGQNQAPLF	0	0	0	39	1	0	0	0	0	0	40
ASGDPLYEQYF	26	14	0	0	0	0	0	0	0	0	40
ASGDRTYEQYF	0	0	0	40	0	0	0	0	0	0	40
ASGDRDWGYAEQFF	0	0	0	40	0	0	0	0	0	0	40
ASAGSVEYF	0	0	0	40	0	0	0	0	0	0	40
ASGESGGYEYF	0	0	0	40	0	0	0	0	0	0	40
ASGGARRGRIAEQFF	1	0	0	38	0	0	0	0	0	0	39
ASGDRGVNERLFF	0	0	0	39	0	0	0	0	0	0	39
ASGDARRGIAGQFF	1	0	0	38	0	0	0	0	0	0	39
ASGDRDQNTLYF	0	0	0	39	0	0	0	0	0	0	39
ASGDPGGSGNTLYF	0	0	12	26	1	0	0	0	0	0	39
ASGPGHLDQYF	0	0	0	37	2	0	0	0	0	0	39
ATGTANSPLYF	0	0	0	20	0	1	1	0	15	1	38
ASGETLYF	0	0	0	38	0	0	0	0	0	0	38
ASGVLGGDYEQYF	0	0	0	38	0	0	0	0	0	0	38
ASGSAETLYF	0	0	0	38	0	0	0	0	0	0	38
ASGGYRESTLYF	0	0	0	38	0	0	0	0	0	0	38
ASGDDREYF	0	0	0	38	0	0	0	0	0	0	38
ASGGGLGGDRDTQYF	0	0	0	38	0	0	0	0	0	0	38
ARGSYEQYF	22	1	0	12	0	2	0	0	0	0	37
ASGETGGQNTLYF	0	0	0	36	0	1	0	0	0	0	37
ASGDAGGSQNTLYF	2	0	0	35	0	0	0	0	0	0	37
ASGTGGALEYF	0	0	0	37	0	0	0	0	0	0	37
ASGDAGGSAETLYF	0	0	0	37	0	0	0	0	0	0	37
ASEDRGGSYAEQFF	0	0	0	37	0	0	0	0	0	0	37
ASGDARAEQFF	0	0	0	37	0	0	0	0	0	0	37
ASGEPANERLFF	0	0	0	37	0	0	0	0	0	0	37
ASGTGISNERLFF	0	0	0	37	0	0	0	0	0	0	37
ASGRQGANERLFF	0	0	0	37	0	0	0	0	0	0	37
ASGTSNYAEQFF	0	0	0	0	0	0	0	0	35	1	36

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ATGTVNSPLHF	0	0	0	22	0	1	0	0	13	0	36
ASGGSNERLFF	0	0	0	36	0	0	0	0	0	0	36
ASGDREDTQYF	0	0	0	36	0	0	0	0	0	0	36
ASGGDRGLTGAPLF	0	0	0	35	1	0	0	0	0	0	36
ASGDSYSYNSPLYF	0	0	0	0	0	0	0	0	36	0	36
ASGDPGRHTQYF	0	0	0	36	0	0	0	0	0	0	36
ASGEGTGANQDTQYF	0	0	0	36	0	0	0	0	0	0	36
ASGERDWGYEQYF	0	0	0	36	0	0	0	0	0	0	36
ASGRDNGSGNTLYF	0	0	0	36	0	0	0	0	0	0	36
ASGATNSGNTLYF	0	0	0	36	0	0	0	0	0	0	36
ASGDAQDQTQYF	0	0	0	0	0	0	0	0	35	0	35
ASGIEGETAVF	23	0	0	10	0	2	0	0	0	0	35
ASGQGYNSPLYF	0	0	0	35	0	0	0	0	0	0	35
ASGDRGAETLYF	0	0	0	35	0	0	0	0	0	0	35
ASGDNSYEQYF	0	0	0	35	0	0	0	0	0	0	35
ASGESQNTLYF	0	0	0	35	0	0	0	0	0	0	35
ASGGDSNTEVFF	0	0	0	35	0	0	0	0	0	0	35
ASGDPWNNQAPLF	0	0	0	35	0	0	0	0	0	0	35
ASGKQGAEQFF	0	0	0	0	0	0	0	0	34	0	34
ASGGTSYEQYF	0	0	0	34	0	0	0	0	0	0	34
ASGDSNSDYTF	0	0	0	34	0	0	0	0	0	0	34
ASGSDWGGNYAEQFF	0	0	0	33	1	0	0	0	0	0	34
ASGDDTGQLYF	0	0	0	34	0	0	0	0	0	0	34
ASGDTGGAYEQYF	0	0	1	33	0	0	0	0	0	0	34
ASGDAQGSGGNTLYF	0	0	1	33	0	0	0	0	0	0	34
ASGTGDEQYF	0	0	0	0	0	0	0	0	34	0	34
ASGDSGGARAEQFF	0	0	0	0	0	0	0	0	28	5	33
ATGTVNSPLCF	0	0	0	25	0	1	0	0	7	0	33
ASGGGQNSDYTF	0	0	0	32	1	0	0	0	0	0	33
ASDSNERLFF	0	0	0	33	0	0	0	0	0	0	33
ASGAGGADAEQFF	0	0	0	33	0	0	0	0	0	0	33
ASGVWTGGEDTQYF	0	0	0	33	0	0	0	0	0	0	33
ASGDRANSDYTF	0	0	3	29	0	0	0	1	0	0	33
ASGPTYAAEQFF	0	0	0	33	0	0	0	0	0	0	33
ASGDAWASQNTLYF	0	0	5	28	0	0	0	0	0	0	33
ASGDAGGSYEQYF	0	0	0	33	0	0	0	0	0	0	33
ASEGSHYEQYF	0	0	0	33	0	0	0	0	0	0	33
ASGRQGSSETLYF	0	0	0	24	0	0	0	0	8	0	32
ASGARGRFSDYTF	0	0	0	0	0	0	0	0	30	2	32
ASGGQGETAEVFF	0	0	0	0	0	32	0	0	0	0	32
ASGDARRRTAEQFF	1	0	0	31	0	0	0	0	0	0	32
ASGDDTGGEDTQYF	0	0	0	32	0	0	0	0	0	0	32
ASGDDRNQAPLF	0	0	0	32	0	0	0	0	0	0	32
ASGDAGDEQYF	7	0	0	25	0	0	0	0	0	0	32
ASTGRGARNDHGQLYF	31	0	0	1	0	0	0	0	0	0	32
ASGGRQNSDYTF	0	0	0	32	0	0	0	0	0	0	32
ASGDDWGEQYF	0	0	0	0	0	0	0	0	31	0	31
ASGGTANSDYTF	0	0	0	30	0	0	0	0	1	0	31
ASGGAGTVNTEVFF	0	0	0	30	1	0	0	0	0	0	31
ASGDTGVGYF	0	0	0	31	0	0	0	0	0	0	31
ASGEYEQYF	0	0	0	31	0	0	0	0	0	0	31
ASGAQGQSQNTLYF	0	0	0	30	1	0	0	0	0	0	31
ASNGGLGGFEQYF	0	0	0	31	0	0	0	0	0	0	31
ASGGGRAETLYF	0	0	0	31	0	0	0	0	0	0	31
ASGGQDQTQYF	0	0	0	31	0	0	0	0	0	0	31
ASGDWGAIQDQTQYF	0	0	0	31	0	0	0	0	0	0	31
ASGDAANERLFF	0	0	0	0	0	0	0	0	31	0	31
ASGRLGTNTGQLYF	0	0	0	31	0	0	0	0	0	0	31
ASGGLGTSSETLYF	0	0	0	31	0	0	0	0	0	0	31
ASGDRAGGQDQTQYF	0	0	0	0	0	0	0	0	24	6	30
ASGGQGAETLYF	0	0	0	30	0	0	0	0	0	0	30
ASSWGANQDQTQYF	0	0	0	30	0	0	0	0	0	0	30
ASGIRGETLYF	1	29	0	0	0	0	0	0	0	0	30
ASGEQSGSNTLYF	1	0	0	29	0	0	0	0	0	0	30
ASGEKNTGQLYF	0	0	0	30	0	0	0	0	0	0	30
ASGDVGIYEQYF	0	0	0	0	0	29	0	0	0	0	29
ASGGTGGNSPLYF	0	0	0	29	0	0	0	0	0	0	29
ASGGDSYTYF	0	0	0	29	0	0	0	0	0	0	29
ASGDKGHNYEQYF	0	0	0	29	0	0	0	0	0	0	29
ASGDAGLDYEQYF	0	0	0	29	0	0	0	0	0	0	29
ASGDAQGANTLYF	0	0	0	29	0	0	0	0	0	0	29
ASGGLGQNTLYF	0	0	0	29	0	0	0	0	0	0	29
ASGRGQDQTQYF	0	0	0	29	0	0	0	0	0	0	29
ASGDARGAQDQTQYF	0	0	0	29	0	0	0	0	0	0	29
ASVGNKRKIIF	0	0	0	0	0	28	0	0	0	0	28
ASGDYAEQFF	0	0	0	26	0	1	1	0	0	0	28
ASGDASTNSDYTF	0	0	0	27	1	0	0	0	0	0	28
ASGGWGGYEQYF	0	0	0	28	0	0	0	0	0	0	28
ASGTVNQDQTQYF	0	0	0	28	0	0	0	0	0	0	28
ASGGTGGSQNTLYF	0	0	0	28	0	0	0	0	0	0	28

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Amino Acid Sequence	Mouse 4 iReg 316 Chip	Mouse 4 iReg 314 Chip	Mouse 4 iReg Subcloning	Mouse 4 ex- iReg 316 Chip	Mouse 4 ex- iReg Subcloning	Mouse 6 iReg 316 Chip	Mouse 6 iReg 314 Chip	Mouse 6 iReg Subcloning	Mouse 6 ex- iReg 316 Chip	Mouse 6 ex- iReg Subcloning	Total Frequency
ASDGTGGDTLYF	0	0	0	28	0	0	0	0	0	0	28
ASGHRGQNTLYF	0	0	0	0	0	0	0	0	28	0	28
ASGDRFPNGTLYF	0	0	0	28	0	0	0	0	0	0	28
ASGEVIQDTQYF	0	0	0	28	0	0	0	0	0	0	28
ASGDGVTLFY	0	0	0	28	0	0	0	0	0	0	28
ASGRRDTEVFF	0	0	0	28	0	0	0	0	0	0	28
ASGDHNYEQYF	0	0	0	28	0	0	0	0	0	0	28
ASGDARRRLREQFF	0	0	0	28	0	0	0	0	0	0	28
ASGLLGRSETLYF	0	0	0	28	0	0	0	0	0	0	28
ASGRGTSEVFF	0	0	0	0	0	0	0	0	27	0	27
ASGGYRGANTGQLYF	0	0	0	27	0	0	0	0	0	0	27
ASVGGQKRLYF	0	0	0	0	0	27	0	0	0	0	27
ASGVDWGGTDAEQFF	0	0	0	0	0	27	0	0	0	0	27
ASGDARRRIAERFF	0	0	0	27	0	0	0	0	0	0	27
ASGLGREDTQYF	0	0	0	27	0	0	0	0	0	0	27
ASGGHQSSYEQYF	0	0	0	27	0	0	0	0	0	0	27
ASGDQGGAEQFF	0	0	0	27	0	0	0	0	0	0	27
ASGDVTGDAEQFF	0	0	0	26	1	0	0	0	0	0	27
ASGDATGRSQNTLYF	0	0	0	27	0	0	0	0	0	0	27
ASGDRDIYAEQFF	0	0	0	27	0	0	0	0	0	0	27
ASGERGRGAEQFF	0	0	0	27	0	0	0	0	0	0	27
ASGDADRGHEQYF	0	0	0	27	0	0	0	0	0	0	27
ASGDSQSGNTLYF	0	0	0	27	0	0	0	0	0	0	27
ASDTGDQDTQYF	0	0	0	0	0	0	0	0	26	0	26
ASGGRSNTVEFF	0	0	0	26	0	0	0	0	0	0	26
ASGDAWGYAEQFF	0	0	0	25	1	0	0	0	0	0	26
ASGAGSHQNTLYF	0	0	0	26	0	0	0	0	0	0	26
ASGATNNSPLYF	0	0	0	26	0	0	0	0	0	0	26
ASVRGGNQAPLF	0	0	0	26	0	0	0	0	0	0	26
ASGAGVSGNTLYF	2	0	0	18	0	0	0	0	6	0	26
ASGDGGALAEPLYF	0	0	0	25	1	0	0	0	0	0	26
ASGDARTNQDTQYF	0	0	0	26	0	0	0	0	0	0	26
ASGDPGGAGEQYF	0	0	0	26	0	0	0	0	0	0	26
ASGGTGRNTEVFF	0	0	0	0	0	0	0	0	24	1	25
TTGTVNSPLYF	0	0	0	6	0	1	1	0	17	0	25
ASGDF	8	1	0	11	0	4	0	0	1	0	25
ASGDLGGGYAEQFF	0	0	0	25	0	0	0	0	0	0	25
ASGIEANAVF	20	0	0	5	0	0	0	0	0	0	25
ASGQGGNYAEQFF	0	0	0	25	0	0	0	0	0	0	25
ASGESGQDTQYF	0	0	0	25	0	0	0	0	0	0	25
ASAGLGRINQDTQYF	0	0	0	0	0	0	0	0	23	1	24
ASGDGRGDTQYF	0	0	0	0	0	0	0	0	24	0	24
ASGDPGGYQYF	0	0	0	0	0	3	0	0	20	1	24
ATGTVNPPLYF	0	0	0	16	0	1	0	0	7	0	24
ASGLQGGGQDTQYF	0	0	0	23	1	0	0	0	0	0	24
ASGDAHWEQYF	0	0	0	0	0	0	0	0	24	0	24
ASGDSGNTLYF	0	0	0	24	0	0	0	0	0	0	24
ASGTGGASAETLYF	0	0	0	23	1	0	0	0	0	0	24
ASHNSGNTLYF	0	0	0	24	0	0	0	0	0	0	24
ASGAGDYAEQFF	0	0	0	24	0	0	0	0	0	0	24
ASGETDNSPLYF	0	0	0	24	0	0	0	0	0	0	24
ASGADWGAEQFF	0	0	0	24	0	0	0	0	0	0	24
ASGREKSSYEQYF	0	0	0	24	0	0	0	0	0	0	24
ASGEGQNYEQYF	0	0	0	24	0	0	0	0	0	0	24
ASGANSDYTF	0	0	0	0	0	0	0	0	23	0	23
ASGGTTSATLYF	0	0	9	12	0	0	0	2	0	0	23
ASGDTRRRIAERFF	0	0	0	22	0	1	0	0	0	0	23
ASGDSASATLYF	0	0	0	23	0	0	0	0	0	0	23
ASGGGHTEVFF	0	0	0	23	0	0	0	0	0	0	23
ASGAQLNTEVFF	22	1	0	0	0	0	0	0	0	0	23
ASGRDWGYEQYF	0	0	0	23	0	0	0	0	0	0	23
ASGDPGHNTLYF	0	0	0	23	0	0	0	0	0	0	23
ASGDDNNERLFF	0	0	0	23	0	0	0	0	0	0	23
ASGTEGETLYF	21	2	0	0	0	0	0	0	0	0	23
ASGEQGNLYF	0	0	0	23	0	0	0	0	0	0	23
ASGAGTGNSDYTF	0	0	0	23	0	0	0	0	0	0	23
ASGDALNERLFF	0	0	0	0	0	0	0	0	23	0	23
ASGGQGGEQYF	0	0	0	23	0	0	0	0	0	0	23
ASGDARGVNTLYF	0	0	0	23	0	0	0	0	0	0	23
ASGEGGTEQFF	0	0	0	22	0	0	0	0	0	0	22
ASGDGIYEQYF	0	0	0	0	0	21	1	0	0	0	22
ANGIEGETLYF	12	3	0	5	0	2	0	0	0	0	22
ASGDQVNYAEQFF	0	0	0	21	1	0	0	0	0	0	22
ASGDAQGGYAEQFF	0	0	0	20	2	0	0	0	0	0	22
ASGNNSPLYF	0	0	0	22	0	0	0	0	0	0	22
ASGDAWTGGPVIF	22	0	0	0	0	0	0	0	0	0	22
ASGDAASDYTF	0	0	0	22	0	0	0	0	0	0	22
ASGENNSPLYF	0	0	0	22	0	0	0	0	0	0	22
ASGGPGLGGEQYF	0	0	0	21	1	0	0	0	0	0	22
ASGVAGTVYEQYF	0	0	0	22	0	0	0	0	0	0	22

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex- iTreg 316 Chip	Mouse 4 ex- iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex- iTreg 316 Chip	Mouse 6 ex- iTreg Subcloning	Total Frequency
ASGLQGSNSPLYF	0	0	0	22	0	0	0	0	0	0	22
ASGGPGHQAPLF	0	0	0	21	1	0	0	0	0	0	22
ASAHNYAEQFF	0	0	0	22	0	0	0	0	0	0	22
ASGTTNSGNTLYF	0	0	0	22	0	0	0	0	0	0	22
ASGDARRGRIAEQSF	1	0	0	21	0	0	0	0	0	0	22
ASGDRAGNTLYF	21	1	0	0	0	0	0	0	0	0	22
ASGDPGVSGNTLYF	0	0	0	22	0	0	0	0	0	0	22
ASGDALGGRQNTLYF	0	0	0	0	0	0	0	0	17	4	21
ASRRDGHQCF	0	0	0	0	0	21	0	0	0	0	21
TSGIETLYF	18	0	0	2	0	1	0	0	0	0	21
ASGERTGDTLYF	0	0	0	21	0	0	0	0	0	0	21
ASGDASHMKQYF	21	0	0	0	0	0	0	0	0	0	21
ASGDEGKDTQYF	0	0	0	21	0	0	0	0	0	0	21
ASGAGLGVTGQLYF	0	0	0	21	0	0	0	0	0	0	21
ASGVEGWNIAEQFF	0	0	0	20	1	0	0	0	0	0	21
ASGPTANTEVFF	0	0	0	20	1	0	0	0	0	0	21
ASGGLGGAETLYF	0	0	0	21	0	0	0	0	0	0	21
ASGDAGADTQYF	21	0	0	0	0	0	0	0	0	0	21
ASGDTVGETLYF	0	0	0	21	0	0	0	0	0	0	21
ASGGTHNNQAPLF	0	0	0	21	0	0	0	0	0	0	21
ASGDFRVNQDTQYF	0	0	0	21	0	0	0	0	0	0	21
ASGARLNTEVFF	0	0	0	21	0	0	0	0	0	0	21
ASGRDSAETLYF	0	0	0	21	0	0	0	0	0	0	21
ASGDWGGYAEQFF	0	0	0	21	0	0	0	0	0	0	21
ASGRDKTPCNF	0	0	0	0	0	20	0	0	0	0	20
ASGRRLLGGDEQYF	0	0	0	0	0	19	1	0	0	0	20
ANGDSSSGNTLYF	0	0	0	0	0	19	1	0	0	0	20
ASGIEGETLCF	16	1	0	2	0	1	0	0	0	0	20
ASGIEGRKRCIF	8	7	0	1	0	1	3	0	0	0	20
ASGGRARGGSDYTF	0	0	0	20	0	0	0	0	0	0	20
ASGDPWGYEQYF	0	0	0	0	0	0	0	0	20	0	20
ASGDARRGGLLSRFF	0	0	0	20	0	0	0	0	0	0	20
ASGRDWGSSAETLYF	0	0	0	20	0	0	0	0	0	0	20
ASGDARRGGRIAEQFF	0	0	0	20	0	0	0	0	0	0	20
ASGVGDSDYTF	0	0	0	20	0	0	0	0	0	0	20
ASGDGVPGAQYF	0	0	0	20	0	0	0	0	0	0	20
ASGDEWGGQNTLYF	0	0	0	0	0	0	0	0	19	1	20
ASGAKGGSYTF	0	0	0	20	0	0	0	0	0	0	20
ASGEQGTGQLYF	0	0	0	20	0	0	0	0	0	0	20
ASGDRGLAEQFF	0	0	0	20	0	0	0	0	0	0	20
ASGSGTQDTQYF	0	0	0	20	0	0	0	0	0	0	20
ASGRAGDQDTQYF	0	0	0	20	0	0	0	0	0	0	20
ASGEARRAPLF	0	0	0	20	0	0	0	0	0	0	20
ASGDPGDCQYF	1	0	0	0	0	1	0	0	17	0	19
ATGTVNSLYF	0	0	0	13	0	0	0	0	6	0	19
AMGTVNSPLYF	0	0	0	8	0	0	0	0	11	0	19
ASGGTGGYEQYF	0	0	0	0	0	0	0	0	19	0	19
RTGTVNSPLYF	0	0	0	10	0	3	0	0	6	0	19
ATGTVKFALYF	0	0	0	16	0	3	0	0	0	0	19
ATGDSLIRPLYF	0	0	0	18	0	0	0	0	1	0	19
ASGDLNTTKAPLF	0	0	0	0	0	19	0	0	0	0	19
ASGDGAYEQYF	0	0	0	0	0	19	0	0	0	0	19
ASGIEGRNAVF	15	0	0	1	0	3	0	0	0	0	19
ASGDSFQRKIF	18	0	0	0	0	1	0	0	0	0	19
ASGDARRGGLLTQFF	0	0	0	19	0	0	0	0	0	0	19
ASGVGTVSNRLEFF	0	0	0	19	0	0	0	0	0	0	19
ASGIESETLYF	18	0	0	1	0	0	0	0	0	0	19
ASGPOGANQAPLF	0	0	0	19	0	0	0	0	0	0	19
ASGAGNNQAPLF	0	0	0	19	0	0	0	0	0	0	19
ASGDARRGWIAEQFF	0	0	0	18	1	0	0	0	0	0	19
ASGDGGQDTQYF	0	0	0	19	0	0	0	0	0	0	19
ASGESGGAETLYF	0	0	0	19	0	0	0	0	0	0	19
ASGDALGGVEQYF	19	0	0	0	0	0	0	0	0	0	19
ASGARNTVFF	0	0	0	19	0	0	0	0	0	0	19
ASGDDRYEQYF	0	0	0	19	0	0	0	0	0	0	19
ASGEGGSAETLYF	0	0	0	19	0	0	0	0	0	0	19
ASGDGDRGLEQYF	0	0	0	19	0	0	0	0	0	0	19
ASGEDRGAAEQFF	0	0	0	19	0	0	0	0	0	0	19
ASGTTGGFQDTQYF	0	0	0	0	0	0	0	0	18	1	19
ASWGGNYAEQFF	0	0	0	0	0	0	0	0	18	0	18
ASGETGGAETLYF	0	0	0	0	0	0	0	0	18	0	18
ASGLRGRSLDYTF	0	0	0	0	0	0	0	0	17	1	18
ASGDPGDHQYF	0	0	0	0	0	0	0	0	18	0	18
ASGDARGAGAETLYF	0	0	0	18	0	0	0	0	0	0	18
ATETVNSPLYF	0	0	0	13	0	1	0	0	4	0	18
ATGIVNSPLYF	0	0	0	9	0	2	0	0	7	0	18
ASGATGTGKGANTEVFF	0	0	0	0	0	18	0	0	0	0	18
AGGETGGNTLYF	0	0	0	0	0	16	2	0	0	0	18
ASGDARTSAETLYF	0	0	0	18	0	0	0	0	0	0	18
ASGDARRGGLREQFF	0	0	0	18	0	0	0	0	0	0	18

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Amino Acid Sequence	Mouse 4 iReg 316 Chip	Mouse 4 iReg 314 Chip	Mouse 4 iReg Subcloning	Mouse 4 ex-iReg 316 Chip	Mouse 4 ex-iReg Subcloning	Mouse 6 iReg 316 Chip	Mouse 6 iReg 314 Chip	Mouse 6 iReg Subcloning	Mouse 6 ex-iReg 316 Chip	Mouse 6 ex-iReg Subcloning	Total Frequency
ASGPVRDRGERSAETLYF	0	0	0	18	0	0	0	0	0	0	18
ASGGQNTVEVFF	0	0	0	18	0	0	0	0	0	0	18
ASGAGKNTGQLYF	0	0	0	18	0	0	0	0	0	0	18
ASGIEGVNAVF	13	1	0	4	0	0	0	0	0	0	18
ASGGRSNSDYTF	0	0	0	18	0	0	0	0	0	0	18
ASGGPGQGSYDYTF	0	0	0	18	0	0	0	0	0	0	18
ASGDLGGRYEQYF	1	0	0	17	0	0	0	0	0	0	18
ASGDRNYAEQFF	0	0	0	17	1	0	0	0	0	0	18
ASGDAGNNSPLYF	0	0	0	18	0	0	0	0	0	0	18
ASGEQGAETLYF	0	0	0	18	0	0	0	0	0	0	18
ASGDASYTQYF	0	0	0	18	0	0	0	0	0	0	18
ASGDQGHGTGQLYF	0	0	0	18	0	0	0	0	0	0	18
ASGDGTQYF	0	0	0	18	0	0	0	0	0	0	18
ASGGQVNAQPLF	0	0	0	18	0	0	0	0	0	0	18
ASGATGDTGQLYF	0	0	0	17	1	0	0	0	0	0	18
ASSGANSYNSPPYF	0	0	0	0	0	0	0	0	17	0	17
ASGDRGRYEQYF	0	0	0	0	0	0	0	0	17	0	17
ASVGVSSYEQYF	0	0	0	0	0	0	0	0	17	0	17
ASGQGQDTQYF	0	0	0	0	0	0	0	0	17	0	17
ASGDRGRNQAPLF	0	0	0	0	0	0	0	0	14	3	17
ASGGLGVDTQYF	0	0	0	0	0	0	0	0	16	1	17
ASGDDWGGNYAEQFF	0	0	0	17	0	0	0	0	0	0	17
ASGGGGYAEQFF	0	0	0	17	0	0	0	0	0	0	17
ASGDLNNRPPPLF	0	0	0	0	0	17	0	0	0	0	17
AGGDGTYEYQYF	0	0	0	0	0	17	0	0	0	0	17
ASGEQGGSQNTLYF	0	0	0	0	0	0	0	0	16	1	17
ASGHNSGNTLYF	0	0	0	17	0	0	0	0	0	0	17
ASGERAGAEQFF	0	0	0	17	0	0	0	0	0	0	17
ASGARGLMLERLFF	0	0	0	17	0	0	0	0	0	0	17
ASGDAGGTNTGQLYF	0	0	0	17	0	0	0	0	0	0	17
ASGDARRGRVAEQFF	0	0	0	17	0	0	0	0	0	0	17
ASGDAGAAPLF	0	0	0	0	0	0	0	0	17	0	17
ASGPVRDWGERGAETLYF	0	0	0	17	0	0	0	0	0	0	17
ASGGTGATEVFF	0	0	0	17	0	0	0	0	0	0	17
ASGARDWGQDTQYF	0	0	0	17	0	0	0	0	0	0	17
ASGAGYAEQFF	0	0	0	17	0	0	0	0	0	0	17
ASGADRNDTQYF	0	0	0	17	0	0	0	0	0	0	17
VSGDARRGRIAEQFF	1	0	0	16	0	0	0	0	0	0	17
ASGGQGNSDYTF	0	0	0	17	0	0	0	0	0	0	17
ASGDGGHQTQYF	0	0	0	17	0	0	0	0	0	0	17
ASGDDTEVFF	0	0	0	0	0	0	0	0	17	0	17
ASGVGTFSQNALYF	17	0	0	0	0	0	0	0	0	0	17
ASGDRTDYEQYF	0	0	0	0	0	0	0	0	17	0	17
ASGDSGGRDYF	0	0	0	17	0	0	0	0	0	0	17
ASGDARRGGLSSSF	0	0	0	17	0	0	0	0	0	0	17
ASGDAGGEEYQYF	0	0	0	17	0	0	0	0	0	0	17
ASGETGAVGNTLYF	0	0	0	0	0	0	0	0	16	1	17
ASGDRGDTGQLYF	0	0	0	17	0	0	0	0	0	0	17
ASGEQGGNTQYF	0	0	0	17	0	0	0	0	0	0	17
ASVIVNNQAPLF	0	0	0	0	0	16	0	0	0	0	16
ASGDMGGDAETLYF	0	0	0	0	0	13	3	0	0	0	16
ASGDGAKNTLYF	0	0	0	16	0	0	0	0	0	0	16
ASGLGGRSYEQYF	0	0	0	16	0	0	0	0	0	0	16
ASGDAGHPNQAPLF	0	0	0	16	0	0	0	0	0	0	16
ASGPRLDYF	0	0	0	16	0	0	0	0	0	0	16
ASGPTGTNTEVFF	0	0	0	16	0	0	0	0	0	0	16
ASGLGVQETLYF	16	0	0	0	0	0	0	0	0	0	16
ASAPGQKQDTQYF	0	0	0	16	0	0	0	0	0	0	16
ASGDDGNSDYTF	0	0	0	16	0	0	0	0	0	0	16
ASGAGTSQNTLYF	0	0	0	16	0	0	0	0	0	0	16
ASEQNTVEVFF	0	0	0	16	0	0	0	0	0	0	16
ASGARTGGREYQYF	0	0	0	16	0	0	0	0	0	0	16
ASGDDGSGNTLYF	0	0	0	16	0	0	0	0	0	0	16
ASGDARRGRITEQFF	0	0	0	16	0	0	0	0	0	0	16
ASGDAGRDTQYF	0	0	0	16	0	0	0	0	0	0	16
ASGRDWGVEYQYF	0	0	0	0	0	0	0	0	16	0	16
ASASTGGQDTQYF	0	0	0	0	0	0	0	0	15	1	16
ASGVGTNTEVFF	0	0	0	16	0	0	0	0	0	0	16
AARTANQAPLF	0	0	0	16	0	0	0	0	0	0	16
ASGGGLQDTQYF	0	0	0	16	0	0	0	0	0	0	16
ASGWTENTVEVFF	0	0	0	15	1	0	0	0	0	0	16
ASGDAGGKTGQLYF	0	0	0	0	0	0	0	0	16	0	16
ASGGTGGQDTQYF	0	0	0	16	0	0	0	0	0	0	16
ASGVNRDTEVFF	0	0	0	16	0	0	0	0	0	0	16
ASGDLGHSNTLYF	0	0	0	16	0	0	0	0	0	0	16
ASGDSANSDYTF	0	0	0	16	0	0	0	0	0	0	16
ASGDWGNSDYTF	0	0	0	16	0	0	0	0	0	0	16
ASGELGGTETLYF	0	0	0	16	0	0	0	0	0	0	16
ASGDARGRAETLYF	0	0	0	16	0	0	0	0	0	0	16
ASGDRGFAETLYF	0	0	0	16	0	0	0	0	0	0	16

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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ASGPGQTEVFF	0	0	0	13	0	0	0	0	0	0	13
ASGRNANTEVFF	13	0	0	0	0	0	0	0	0	0	13
ASGDNNSGNTLYF	0	0	0	13	0	0	0	0	0	0	13
ASGAPDSANTEVFF	0	0	0	13	0	0	0	0	0	0	13
ASGDAGGRFEQYF	0	0	0	13	0	0	0	0	0	0	13
ASGDWGGSAETLYF	0	0	0	13	0	0	0	0	0	0	13
ASGDGGHSYEQYF	0	0	0	13	0	0	0	0	0	0	13
ASGDARRGRIAGAFF	0	0	0	13	0	0	0	0	0	0	13
ASGDARRGQNTLYF	0	0	0	13	0	0	0	0	0	0	13
ASGDWGVQNTLYF	0	0	0	13	0	0	0	0	0	0	13
ASGDRSEANTEVFF	0	0	0	12	1	0	0	0	0	0	13
ASGDGGDCQDTQYF	12	1	0	0	0	0	0	0	0	0	13
ASGAGGNQDTQYF	0	0	0	13	0	0	0	0	0	0	13
ASGDAREGRIAEQFF	0	0	0	13	0	0	0	0	0	0	13
ASGDAGGRNVAEQFF	0	0	0	13	0	0	0	0	0	0	13
ASAGTDNSPLYF	0	0	0	13	0	0	0	0	0	0	13
ASGAGTGAYEQYF	0	0	0	11	2	0	0	0	0	0	13
ASPTGGDAEQFF	0	0	0	13	0	0	0	0	0	0	13
ASGDADRDVQYF	13	0	0	0	0	0	0	0	0	0	13
TSGDARRGRIAEQFF	1	0	0	12	0	0	0	0	0	0	13
ASGDILSYEQYF	0	0	0	13	0	0	0	0	0	0	13
ASGVRDTNTEVFF	0	0	0	13	0	0	0	0	0	0	13
ASGRRGGQDTQYF	0	0	0	13	0	0	0	0	0	0	13
ASGGGAYEQYF	0	0	0	0	0	0	0	0	13	0	13
ASGDRGGAYAVQFF	13	0	0	0	0	0	0	0	0	0	13
ASGGTGRSAETLYF	0	0	0	13	0	0	0	0	0	0	13
ASGDAAGGARDTQYF	0	0	0	12	1	0	0	0	0	0	13
ASGDAGGANTGQLYF	0	0	6	5	0	0	0	0	2	0	13
ASGASGGEDTQYF	0	0	0	0	0	0	0	0	12	0	12
ASGGTSNSDYTF	0	0	0	0	0	0	0	0	12	0	12
ASGDVGNVAEQFF	0	0	0	0	0	0	0	0	12	0	12
ASCDPGDYQYF	0	0	0	0	0	0	0	0	12	0	12
ASGNPGDYQYF	0	0	0	0	0	1	0	0	11	0	12
ASVNWGNTLYF	0	0	0	0	0	12	0	0	0	0	12
ASGEGGAEMTLF	0	0	0	0	0	12	0	0	0	0	12
AGGGQQNERLFF	0	0	0	0	0	12	0	0	0	0	12
ASGGQNSDYTF	0	0	0	0	0	12	0	0	0	0	12
ASGGQKRRKDYFF	0	0	0	0	0	3	9	0	0	0	12
ASGIEGRTLYF	9	0	0	2	0	1	0	0	0	0	12
ASGETGRNVAEQFF	0	0	0	12	0	0	0	0	0	0	12
ASARNTGQLYF	0	0	0	12	0	0	0	0	0	0	12
ASGDSNQAPLF	0	0	0	12	0	0	0	0	0	0	12
ASGDARKRIAEQFF	0	0	0	12	0	0	0	0	0	0	12
ASGAPGLGYEQYF	0	0	0	12	0	0	0	0	0	0	12
ASGGGQPNTLYF	0	0	0	12	0	0	0	0	0	0	12
ASGAPYEQYF	12	0	0	0	0	0	0	0	0	0	12
ASGDQYNSPLYF	0	0	0	12	0	0	0	0	0	0	12
ASGDARTGRIAEQFF	0	0	0	12	0	0	0	0	0	0	12
ASGDHRDRGAGIFF	12	0	0	0	0	0	0	0	0	0	12
ASGATEYNSPLYF	0	0	0	12	0	0	0	0	0	0	12
ASGVGSSGNTLYF	12	0	0	0	0	0	0	0	0	0	12
ASGDALGYEQYF	1	0	0	11	0	0	0	0	0	0	12
ASGETASGHTLYF	12	0	0	0	0	0	0	0	0	0	12
ASGDWGEQYF	11	1	0	0	0	0	0	0	0	0	12
ASGPTGGARDTQYF	0	0	0	11	1	0	0	0	0	0	12
ANGDARRGRIAEQFF	0	0	0	11	1	0	0	0	0	0	12
ASGDARRGRIVEQFF	0	0	0	12	0	0	0	0	0	0	12
ASGDAQSNEMIFF	12	0	0	0	0	0	0	0	0	0	12
ASGAGTGQLYF	0	0	0	12	0	0	0	0	0	0	12
ASGDRDSQNTLYF	0	0	0	12	0	0	0	0	0	0	12
ARDSYEQCF	5	1	0	6	0	0	0	0	0	0	12
ASGANSYNSPLYF	0	0	0	0	0	0	0	0	12	0	12
ASGRDRGERLFF	0	0	0	12	0	0	0	0	0	0	12
ASGAPGHQDTQYF	0	0	0	12	0	0	0	0	0	0	12
ASGGGTVNTEVFF	0	0	0	12	0	0	0	0	0	0	12
ASGGQGGNTLYF	0	0	0	12	0	0	0	0	0	0	12
ASGAQSNTEVLF	12	0	0	0	0	0	0	0	0	0	12
ASGPDRPGNTLYF	0	0	0	12	0	0	0	0	0	0	12
ASGGQGSDDYTF	0	0	0	0	0	0	0	0	11	0	11
VSGGTGGYAEQFF	0	0	0	10	0	1	0	0	0	0	11
ASGELNQDTTYF	0	0	0	0	0	11	0	0	0	0	11
ASVTYNNQAPLF	0	0	0	0	0	11	0	0	0	0	11
ASGDLNQQASAF	0	0	0	0	0	11	0	0	0	0	11
ASGRRGAANTGQLYF	0	0	0	0	0	11	0	0	0	0	11
ASGGLNQQAPLF	0	0	0	0	0	11	0	0	0	0	11
ASGERTGGVNSDF	0	0	0	0	0	11	0	0	0	0	11
ASGGLGTYEYF	0	0	0	0	0	11	0	0	0	0	11
ASGESWNTLYF	0	0	0	0	0	10	1	0	0	0	11
ASGDPLDSDYTF	0	0	0	0	0	9	2	0	0	0	11
ASGDAPNSGNTLYF	0	0	0	11	0	0	0	0	0	0	11

Supplemental Table 2
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Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ASAGGSQNTLYF	0	0	0	11	0	0	0	0	0	0	11
ASGGGTANTGQLYF	0	0	0	11	0	0	0	0	0	0	11
ASSGANSHNPLYF	1	0	0	0	0	0	0	0	9	1	11
ASGDRLYNSPLYF	0	0	0	11	0	0	0	0	0	0	11
ASGDARQSSYEQYF	0	0	0	11	0	0	0	0	0	0	11
ASGDAGKTEVFF	0	0	0	11	0	0	0	0	0	0	11
ASGDARGSYNSPLYF	0	0	0	0	0	0	0	0	10	1	11
ASRQGAANERLFF	0	0	0	11	0	0	0	0	0	0	11
ASGEALYF	0	0	0	11	0	0	0	0	0	0	11
ASGDRDRAGNTLYF	0	0	0	10	1	0	0	0	0	0	11
ASGDPGGAEQYF	0	0	0	11	0	0	0	0	0	0	11
ASGDAPGASAEITLYF	0	0	0	11	0	0	0	0	0	0	11
ASGPGGAPNERLFF	0	0	0	11	0	0	0	0	0	0	11
ASGDARGAYEQYF	0	0	1	10	0	0	0	0	0	0	11
AAVMLGGSFAF	11	0	0	0	0	0	0	0	0	0	11
ASGDARNSDYTF	0	0	0	11	0	0	0	0	0	0	11
ASGDALPYEQYF	0	0	0	0	0	0	0	0	11	0	11
ATGTHSAETLYF	9	2	0	0	0	0	0	0	0	0	11
ASGDAGRGPGEITLYF	4	0	7	0	0	0	0	0	0	0	11
ASGDRTYQNTLYF	0	0	0	11	0	0	0	0	0	0	11
ASGDGGTGYNYAEQFF	0	0	0	10	1	0	0	0	0	0	11
ASGYRGGEQYF	0	0	0	11	0	0	0	0	0	0	11
ASGLGLGGTSAETLYF	0	0	0	11	0	0	0	0	0	0	11
ASGDGRTGTGQLYF	0	0	0	0	0	0	0	0	10	1	11
ASGSGTGKYAEQFF	0	0	0	10	1	0	0	0	0	0	11
ASGAGGRQNTLYF	0	0	0	11	0	0	0	0	0	0	11
ASGEGHQDTQYF	0	0	0	0	0	0	0	0	10	1	11
ASGTGGAGNYAEQFF	0	0	0	11	0	0	0	0	0	0	11
ASGGGTSAEITLYF	0	0	0	11	0	0	0	0	0	0	11
ASGDALGGAEQFF	0	0	0	11	0	0	0	0	0	0	11
ASGEPGQPEVFF	0	0	0	11	0	0	0	0	0	0	11
ASGGGVQKRLYF	11	0	0	0	0	0	0	0	0	0	11
ASGDGQNTGQLYF	0	0	0	11	0	0	0	0	0	0	11
AGGADNSDYTF	10	1	0	0	0	0	0	0	0	0	11
ASGRDWGSAETLYF	0	0	0	11	0	0	0	0	0	0	11
ASGDALGGLLEQYF	0	0	0	11	0	0	0	0	0	0	11
ASGDARGGNTQYF	0	0	0	11	0	0	0	0	0	0	11
ASAGLGLLAEQFF	11	0	0	0	0	0	0	0	0	0	11
ASGDEGVEQYF	0	0	0	11	0	0	0	0	0	0	11
ASGPRDSNPLYF	0	0	0	0	0	0	0	0	10	0	10
ASGDPGDYQCF	1	0	0	0	0	1	0	0	8	0	10
ASGSSQDTQYF	0	0	0	0	0	0	0	0	9	1	10
ASGGGGYEQYF	0	0	0	0	0	3	0	0	7	0	10
ASGDPTGSERLFF	0	0	0	0	0	0	0	0	10	0	10
ASDDPGDYQYF	2	0	0	0	0	0	1	0	7	0	10
ASEGQYNERLFF	0	0	0	0	0	10	0	0	0	0	10
ASGEWGRVQNAVF	0	0	0	0	0	10	0	0	0	0	10
ASGDRPTTPF	0	0	0	0	0	10	0	0	0	0	10
ASGGTGGNTLYF	0	0	0	0	0	10	0	0	0	0	10
ASGMGTYEQYF	0	0	0	0	0	10	0	0	0	0	10
ASGETWGNTLYF	0	0	0	0	0	10	0	0	0	0	10
ASGRQNSDYAF	0	0	0	0	0	10	0	0	0	0	10
ASGRQNFYTF	0	0	0	0	0	9	1	0	0	0	10
ASGRGVYEQYF	0	0	0	0	0	9	0	0	1	0	10
ASGAYAEQSF	0	0	0	0	0	8	2	0	0	0	10
ASGENWGENTLYF	0	0	0	0	0	7	3	0	0	0	10
ASGVRVSYERYF	0	0	0	0	0	7	1	0	2	0	10
ASGADWGGNYAEQFF	0	0	0	8	0	2	0	0	0	0	10
ARDSYGGYF	3	0	0	5	0	2	0	0	0	0	10
ARDSHEQYF	3	0	0	6	0	1	0	0	0	0	10
ASGGTGGNTGQLYF	0	0	0	9	0	1	0	0	0	0	10
ASGIEDEITLYF	7	0	0	2	0	1	0	0	0	0	10
ASGEPGQGGDTQYF	0	0	0	10	0	0	0	0	0	0	10
ASGDASGEQYF	9	1	0	0	0	0	0	0	0	0	10
ASGDGSNSYNSPLYF	0	0	0	10	0	0	0	0	0	0	10
ASGAGQTYEQYF	0	0	0	10	0	0	0	0	0	0	10
ASGDGGRNSPLYF	0	0	0	10	0	0	0	0	0	0	10
ASGGGCRNAVF	10	0	0	0	0	0	0	0	0	0	10
ASGDLGGASQNTLYF	0	0	0	9	1	0	0	0	0	0	10
ASGDRQGTNERLFF	0	0	0	10	0	0	0	0	0	0	10
ASSDANSYNSPLYF	0	0	0	0	0	0	0	0	10	0	10
ASGPGQAERLFF	0	0	0	10	0	0	0	0	0	0	10
ASEGLGNAYEQFF	0	0	0	10	0	0	0	0	0	0	10
ASGDSNSGNTLYF	0	0	0	0	0	0	0	0	10	0	10
ASGDGWGDETEVFF	0	0	0	10	0	0	0	0	0	0	10
ASGPVRGWGERSAETLYF	0	0	0	10	0	0	0	0	0	0	10
ASGARTGGGNTLYF	0	0	0	10	0	0	0	0	0	0	10
ASGDARTGPDTQYF	0	0	0	10	0	0	0	0	0	0	10
ASGDDWGGAYAEQFF	0	0	0	10	0	0	0	0	0	0	10
ASGLGGQNTLYF	0	0	0	10	0	0	0	0	0	0	10

Amino Acid Sequence	Mouse 4 iTreg 316 Chip	Mouse 4 iTreg 314 Chip	Mouse 4 iTreg Subcloning	Mouse 4 ex-iTreg 316 Chip	Mouse 4 ex-iTreg Subcloning	Mouse 6 iTreg 316 Chip	Mouse 6 iTreg 314 Chip	Mouse 6 iTreg Subcloning	Mouse 6 ex-iTreg 316 Chip	Mouse 6 ex-iTreg Subcloning	Total Frequency
ASGVGQYNSPLYF	0	0	0	10	0	0	0	0	0	0	10
ASGDLGGRFEQYF	0	0	0	10	0	0	0	0	0	0	10
ASGHRANTEVFF	0	0	0	0	0	0	0	0	10	0	10
ASGDTNSGNTLYF	0	0	0	9	0	0	0	0	1	0	10
ASGGGASSEQYF	0	0	0	10	0	0	0	0	0	0	10
ASGDVGLGLQDTQYF	0	0	0	9	1	0	0	0	0	0	10
ASGDLGGRPSETLYF	0	0	0	10	0	0	0	0	0	0	10
ASGTGGRANSDYTF	0	0	0	10	0	0	0	0	0	0	10
ASGDAVTYEQYF	10	0	0	0	0	0	0	0	0	0	10
ASGGDRGTGQLYF	0	0	0	10	0	0	0	0	0	0	10
ARDPYEQYF	5	1	0	4	0	0	0	0	0	0	10
ASGAGRNTEVFF	0	0	0	10	0	0	0	0	0	0	10
ASGDVRRGRIAEQFF	0	0	0	10	0	0	0	0	0	0	10
ASGDPRGFEQYF	0	0	0	0	0	0	0	0	10	0	10
ASGDKRVSAETLYF	0	0	0	10	0	0	0	0	0	0	10
ASTGEGGRENTGQLYF	4	6	0	0	0	0	0	0	0	0	10
ASGDWGAETLYF	0	0	0	10	0	0	0	0	0	0	10
ASGGPPLGASYEQYF	0	0	0	10	0	0	0	0	0	0	10
ASGHRLLGGQNTLYF	0	0	0	0	0	0	0	0	10	0	10
ASTRLSSYEQYF	0	0	0	0	0	0	0	0	10	0	10
ASGDVADYNSPLYF	0	0	0	10	0	0	0	0	0	0	10
ASGGLGGSYEQYF	0	0	0	0	1	0	0	0	9	0	10
ASGTGLGGYEQYF	0	0	0	8	2	0	0	0	0	0	10
ASGDVGGAREQYF	0	0	2	0	0	0	0	0	8	0	10
ASDGISNERLFF	10	0	0	0	0	0	0	0	0	0	10
ASGEQGSTEVFF	0	0	0	10	0	0	0	0	0	0	10
ASGGTISNERLFF	0	0	0	8	2	0	0	0	0	0	10