

**Histological Chorioamnionitis Induces Differential Gene Expression in Human Cord  
Blood Mononuclear Leukocytes from Term Neonates**

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**Table 1: Differentially upregulated probeID or genes after exposure to histological chorioamionitis:**

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC17001604.hg.1	<b>LRRC37A4P</b>	1389.16	344.89	<b>4.01</b>	0.0245
TC04002938.hg.1	<b>LOC285505</b>	364.56	136.24	<b>2.68</b>	0.012
TC07000288.hg.1	<b>LINC01061</b>	1652.00	643.59	<b>2.58</b>	0.0117
TC03000255.hg.1	<b>CCR2</b>	765.36	304.44	<b>2.51</b>	0.0417
TC04001682.hg.1	<b>FAM198B</b>	643.59	256.00	<b>2.5</b>	0.0167
TC17000604.hg.1	<b>LRRC37A2</b>	13216.02	5556.65	<b>2.37</b>	0.0312
TC07001299.hg.1	<b>TRGV4</b>	140.07	60.13	<b>2.32</b>	0.0002
TC07001300.hg.1	<b>TRGV3</b>	179.77	79.89	<b>2.24</b>	4.50E-05
TC04002939.hg.1	<b>TMEM144</b>	240.52	112.99	<b>2.12</b>	0.0173
TC17001603.hg.1	<b>LRRC37A4P; LRRC37A2</b>	20594.91	9946.68	<b>2.08</b>	0.0478
TC04001501.hg.1	<b>LINC01061</b>	25709.25	13216.02	<b>1.94</b>	0.0257
TC05001269.hg.1	<b>MIR580</b>	77.17	40.50	<b>1.91</b>	0.0005
TC15001206.hg.1	<b>MIR3942</b>	278.20	151.17	<b>1.84</b>	0.0293
TC10000103.hg.1	<b>LOC101928524</b>	304.44	167.73	<b>1.81</b>	0.0052
TC12003271.hg.1	<b>KLRC3</b>	1458.23	809.00	<b>1.8</b>	0.0433
TC19000976.hg.1	<b>LINC01002</b>	53602.03	30152.71	<b>1.77</b>	0.036
TC19000978.hg.1	<b>LOC730378</b>	211456.30	121449.75	<b>1.75</b>	0.0089
TC17_ctg5_hap1000003.hg.1	<b>ARL17A</b>	1758.34	1009.90	<b>1.74</b>	0.0499
TC05000981.hg.1	<b>HRH2</b>	1734.13	1002.93	<b>1.74</b>	0.0233
TC04000209.hg.1	<b>DTHD1</b>	215.27	124.50	<b>1.73</b>	0.0326
TC01002022.hg.1	<b>OR2L1P</b>	123.64	71.51	<b>1.73</b>	0.0179
TC01000005.hg.1	<b>LINC01001</b>	34397.12	20452.65	<b>1.67</b>	0.0283
TC13000389.hg.1	<b>LINC00676</b>	54.95	33.13	<b>1.66</b>	0.0229
TC01002066.hg.1	<b>LINC01001</b>	80684.28	48644.87	<b>1.66</b>	0.0297
TC07003403.hg.1	<b>LOC401320</b>	3082.75	1858.60	<b>1.65</b>	0.0099
TC05003443.hg.1	<b>LINC01001</b>	51418.50	31433.17	<b>1.64</b>	0.0416
TC11003501.hg.1	<b>LINC01001</b>	31433.17	19215.73	<b>1.63</b>	0.0363
TC22000031.hg.1	<b>LOC727983</b>	942.27	580.04	<b>1.62</b>	0.0224
TC15001137.hg.1	<b>CHRNA7</b>	33.36	20.68	<b>1.61</b>	0.0201
TC18000436.hg.1	<b>DSC2</b>	1520.15	948.83	<b>1.61</b>	0.0221
TC07001003.hg.1	<b>GIMAP7</b>	4482.23	2778.33	<b>1.61</b>	0.0086

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC10001324.hg.1	<b>RTKN2</b>	153.28	96.34	<b>1.59</b>	0.0294
TC09000265.hg.1	<b>RP11-187C18.2</b>	729.11	464.65	<b>1.57</b>	0.0034
TC0Y000014.hg.1	<b>CD99</b>	2646.74	1698.45	<b>1.56</b>	0.0121
TC02001750.hg.1	<b>CYP1B1</b>	448.82	288.01	<b>1.56</b>	0.0394
TC0X000014.hg.1	<b>CD99</b>	1520.15	975.50	<b>1.55</b>	0.0102
TC10000625.hg.1	<b>PTEN</b>	694.58	448.82	<b>1.55</b>	0.0275
TC07003404.hg.1	<b>LOC401320</b>	1296.13	843.36	<b>1.54</b>	0.0266
TC17001612.hg.1	<b>ARL17B; ARL17A</b>	2665.15	1746.20	<b>1.53</b>	0.0215
TC07003399.hg.1	<b>GIMAP1-GIMAP5; GIMAP5; GIMAP1</b>	989.12	648.07	<b>1.53</b>	0.0155
TC07001004.hg.1	<b>GIMAP4</b>	5595.30	3691.52	<b>1.52</b>	0.0482
TC12000873.hg.1	<b>ADAM1A</b>	487.75	324.03	<b>1.51</b>	0.0085
TC01004036.hg.1	<b>LINC01347</b>	28924.41	19215.73	<b>1.51</b>	0.0473
TC01000016.hg.1	<b>LOC100287934</b>	1209.34	803.41	<b>1.51</b>	0.001
TC11000314.hg.1	<b>LINC00294</b>	298.17	198.09	<b>1.5</b>	0.0458
TC02004349.hg.1	<b>LOC105374809</b>	229.13	74.03	<b>3.08</b>	0.0077
TC04002292.hg.1	<b>LOC285505</b>	385.34	135.30	<b>2.84</b>	0.0083
TC07002675.hg.1	<b>GIMAP4</b>	52498.92	23010.42	<b>2.29</b>	0.0118
TC19002275.hg.1	<b>LINC01002</b>	42642.37	21469.49	<b>1.99</b>	0.0435
TC15002743.hg.1	<b>PRKXP1</b>	30786.28	15608.02	<b>1.98</b>	0.0245
TC04002690.hg.1	<b>LINC01061</b>	12161.22	6888.62	<b>1.77</b>	0.0129
TC06003855.hg.1	<b>VNN2</b>	14164.58	8306.36	<b>1.7</b>	0.007
TC01005171.hg.1	<b>OR2L1P</b>	106.89	63.56	<b>1.68</b>	0.0211
TC11002977.hg.1	<b>LINC01001</b>	50360.33	30786.28	<b>1.63</b>	0.0419
TC04002162.hg.1	<b>LOC729218</b>	18561.17	11505.21	<b>1.62</b>	0.0264
TC07002674.hg.1	<b>GIMAP7</b>	4182.07	2610.30	<b>1.6</b>	0.0263
TC07002869.hg.1	<b>LOC401320</b>	1128.35	704.28	<b>1.6</b>	0.0116
TC10001807.hg.1	<b>WDR37</b>	1398.83	903.89	<b>1.54</b>	0.0184
TC12002570.hg.1	<b>ADAM1A</b>	451.94	296.11	<b>1.53</b>	0.0034
TC03002770.hg.1	<b>LRCH3</b>	809.00	530.06	<b>1.53</b>	0.049
TC01003858.hg.1		1458.23	205.07	<b>7.1</b>	0.0331
TC01003860.hg.1		21920.61	7332.05	<b>2.99</b>	0.0013
TC01003859.hg.1		5148.73	1758.34	<b>2.93</b>	0.0058
TC07000290.hg.1		5148.73	1758.34	<b>2.93</b>	0.0058

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC07000368.hg.1		5148.73	1758.34	<b>2.93</b>	0.0058
TC04000607.hg.1		10085.54	3541.14	<b>2.85</b>	0.0301
TC07001400.hg.1		8599.28	3104.19	<b>2.77</b>	0.0044
TC01003861.hg.1		7231.10	2628.46	<b>2.76</b>	0.0023
TC01001880.hg.1		8902.53	3258.52	<b>2.73</b>	0.0056
TC07001379.hg.1		8902.53	3258.52	<b>2.73</b>	0.0056
TC07001411.hg.1		8902.53	3258.52	<b>2.73</b>	0.0056
TC07001421.hg.1		8902.53	3258.52	<b>2.73</b>	0.0056
TC05000308.hg.1		5220.60	1924.14	<b>2.72</b>	0.0444
TC05000320.hg.1		5220.60	1924.14	<b>2.72</b>	0.0444
TC05000486.hg.1		5220.60	1924.14	<b>2.72</b>	0.0444
TC05001199.hg.1		5220.60	1924.14	<b>2.72</b>	0.0444
TC05001633.hg.1		5220.60	1924.14	<b>2.72</b>	0.0444
TC20000159.hg.1		10369.08	3848.29	<b>2.69</b>	0.0443
TC01001878.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC07000366.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC07001381.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC07001402.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC07001412.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC07001423.hg.1		1652.00	643.59	<b>2.58</b>	0.0117
TC01001879.hg.1		18305.63	7181.15	<b>2.56</b>	0.0019
TC07000289.hg.1		18305.63	7181.15	<b>2.56</b>	0.0019
TC07000367.hg.1		18305.63	7181.15	<b>2.56</b>	0.0019
TC07001380.hg.1		18305.63	7181.15	<b>2.56</b>	0.0019
TC07001422.hg.1		18305.63	7181.15	<b>2.56</b>	0.0019
TC04001593.hg.1		380.04	149.09	<b>2.54</b>	0.0317
TC07000292.hg.1		3565.78	1428.22	<b>2.51</b>	0.0213
TC07000291.hg.1		2120.22	873.10	<b>2.43</b>	0.0059
TC07001378.hg.1		2120.22	873.10	<b>2.43</b>	0.0059
TC07001399.hg.1		2120.22	873.10	<b>2.43</b>	0.0059
TC07001410.hg.1		2120.22	873.10	<b>2.43</b>	0.0059
TC10000923.hg.1		533.74	225.97	<b>2.36</b>	0.0218
TC07001401.hg.1		24833.50	10734.74	<b>2.31</b>	0.0023

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC15001366.hg.1		52.35	24.25	<b>2.16</b>	0.005
TC16001268.hg.1		8659.09	4039.61	<b>2.14</b>	0.0273
TC01001881.hg.1		14362.31	6984.79	<b>2.06</b>	0.0427
TC01003854.hg.1		14362.31	6984.79	<b>2.06</b>	0.0427
TC0Y000089.hg.1		15935.98	7912.95	<b>2.02</b>	0.0427
TC0Y000215.hg.1		15935.98	7912.95	<b>2.02</b>	0.0427
TC0X001157.hg.1		2646.74	1314.23	<b>2.02</b>	0.0035
TC10000182.hg.1		1541.37	765.36	<b>2.02</b>	0.0027
TC04001681.hg.1		61.82	31.34	<b>1.96</b>	0.0033
TC08000385.hg.1		26432.04	13777.25	<b>1.91</b>	0.0223
TC01003997.hg.1		2225.63	1168.14	<b>1.91</b>	0.0358
TC01001143.hg.1		74.54	39.12	<b>1.9</b>	0.0385
TC01003428.hg.1		74.54	39.12	<b>1.9</b>	0.0385
TC13000535.hg.1		74.54	39.12	<b>1.9</b>	0.0385
TC17001431.hg.1		74.54	39.12	<b>1.9</b>	0.0385
TC10000501.hg.1		20.68	11.00	<b>1.88</b>	9.89E-05
TC04000892.hg.1		935.76	494.56	<b>1.88</b>	0.0329
TC04001002.hg.1		155.42	83.87	<b>1.86</b>	0.0178
TC21000099.hg.1		229.13	124.50	<b>1.85</b>	0.046
TC17001365.hg.1		2998.45	1675.06	<b>1.8</b>	0.0014
TC10001099.hg.1		71.51	40.22	<b>1.78</b>	0.0305
TC09000313.hg.1		54.57	30.70	<b>1.78</b>	0.0178
TC12000053.hg.1		21.41	12.13	<b>1.77</b>	0.0098
TC17001605.hg.1		1910.85	1089.92	<b>1.76</b>	0.0372
TC19000979.hg.1		105728.15	61572.56	<b>1.72</b>	0.0209
TC06001135.hg.1		666.29	393.44	<b>1.7</b>	0.0341
TC05000244.hg.1		2916.45	1722.16	<b>1.69</b>	0.0348
TC12001370.hg.1		76.11	45.25	<b>1.68</b>	0.0105
TC11001725.hg.1		104.69	62.25	<b>1.68</b>	0.0066
TC01003098.hg.1		100.43	60.13	<b>1.67</b>	0.0065
TC01003103.hg.1		100.43	60.13	<b>1.67</b>	0.0065
TC19000267.hg.1		75.58	44.94	<b>1.67</b>	0.0008
TC10000083.hg.1		2005.85	1217.75	<b>1.65</b>	0.011
TC01001877.hg.1		128374.58	78477.96	<b>1.63</b>	0.02

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC01003862.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TC06001206.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TC07000287.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TC07001403.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TC07001413.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TCUn_gl000227000001.hg.1		128374.58	78477.96	<b>1.63</b>	0.02
TC06000434.hg.1		39.67	24.76	<b>1.6</b>	0.0004
TC11000334.hg.1		8422.31	5330.30	<b>1.59</b>	0.0167
TC17000111.hg.1		94.35	60.13	<b>1.58</b>	0.0133
TC07000365.hg.1		35857.82	22851.48	<b>1.58</b>	0.0215
TC07001382.hg.1		35857.82	22851.48	<b>1.58</b>	0.0215
TC07001424.hg.1		35857.82	22851.48	<b>1.58</b>	0.0215
TC05001349.hg.1		240.52	154.34	<b>1.56</b>	0.0353
TC15001432.hg.1		103.97	67.18	<b>1.55</b>	0.0314
TC01001404.hg.1		51.63	33.59	<b>1.54</b>	0.0227
TC01002198.hg.1		93.70	60.97	<b>1.54</b>	0.0039
TC01001840.hg.1		2368.90	1562.89	<b>1.52</b>	0.0148
TC10000525.hg.1		25.81	16.91	<b>1.52</b>	0.0254
TC05002421.hg.1		1924.14	820.30	<b>2.35</b>	0.0024
TC07002898.hg.1		349.71	152.22	<b>2.3</b>	1.66E-06
TC05002667.hg.1		522.76	250.73	<b>2.08</b>	0.0082
TC21000653.hg.1		257.78	128.00	<b>2.01</b>	0.0354
TC07002667.hg.1		99.04	49.18	<b>2.01</b>	0.0401
TC07002607.hg.1		171.25	86.82	<b>1.97</b>	0.0026
TC17002302.hg.1		209.38	112.21	<b>1.88</b>	0.0277
TC17002671.hg.1		1845.76	982.29	<b>1.87</b>	0.044
TC10002194.hg.1		867.07	471.14	<b>1.84</b>	0.0058
TC01004101.hg.1		113316.62	63303.60	<b>1.79</b>	0.0157
TC04002413.hg.1		182.28	102.54	<b>1.78</b>	0.045
TC06002765.hg.1		147.03	83.87	<b>1.76</b>	0.0012
TC0X002129.hg.1		3795.30	2164.77	<b>1.74</b>	0.0008
TC17002157.hg.1		151.17	88.03	<b>1.72</b>	0.0306
TC04002164.hg.1		44146.15	25709.25	<b>1.71</b>	0.0202
TC01005080.hg.1		1082.39	643.59	<b>1.69</b>	0.0147

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC04002324.hg.1		44.32	26.35	<b>1.69</b>	0.0432
TC13001493.hg.1		38.85	22.94	<b>1.69</b>	0.0002
TC04002163.hg.1		5832.91	3468.27	<b>1.68</b>	0.0206
TC04002143.hg.1		326.29	195.36	<b>1.68</b>	0.0067
TC01006114.hg.1		121.94	74.03	<b>1.65</b>	0.0164
TC07002897.hg.1		106.15	65.34	<b>1.63</b>	0.0002
TC02004043.hg.1		210.84	129.79	<b>1.63</b>	0.0282
TC10002017.hg.1		16270.83	10015.87	<b>1.63</b>	0.0223
TC01006151.hg.1		34159.52	21321.18	<b>1.61</b>	0.0389
TC20001566.hg.1		873.10	541.19	<b>1.61</b>	0.0124
TC01004694.hg.1		1105.13	699.41	<b>1.59</b>	0.0396
TC01004960.hg.1		179.77	114.56	<b>1.58</b>	0.0148
TC01004838.hg.1		317.37	200.85	<b>1.58</b>	0.0192
TC01006140.hg.1		25709.25	16384.00	<b>1.57</b>	0.0187
TC14001804.hg.1		290.02	184.82	<b>1.57</b>	0.0178
TC18000918.hg.1		233.94	149.09	<b>1.57</b>	0.0039
TC09001978.hg.1		210.84	136.24	<b>1.55</b>	0.0158
TC17002484.hg.1		167.73	108.38	<b>1.55</b>	0.0293
TC17002059.hg.1		165.42	106.15	<b>1.55</b>	0.0079
TC10001946.hg.1		1031.12	670.92	<b>1.54</b>	0.0039
TC06003586.hg.1		26.35	17.15	<b>1.54</b>	0.0272
TC07003176.hg.1		266.87	173.65	<b>1.54</b>	0.0087
TC09002409.hg.1		461.44	298.17	<b>1.54</b>	0.0101
TC15002562.hg.1		132.51	86.82	<b>1.53</b>	0.0277
TC16001990.hg.1		1251.98	820.30	<b>1.53</b>	0.0254
TC13001186.hg.1		218.27	143.01	<b>1.53</b>	0.0465
TC01005193.hg.1		68794.23	44762.41	<b>1.53</b>	0.0318
TC01005474.hg.1		270.60	178.53	<b>1.52</b>	0.0238
TC07002294.hg.1		1438.15	942.27	<b>1.52</b>	0.0181
TC10001901.hg.1		2241.11	1468.37	<b>1.52</b>	0.0123
TC17002234.hg.1		588.13	390.72	<b>1.51</b>	0.0073
TC12002436.hg.1		41.07	27.10	<b>1.51</b>	0.0002
TC07002647.hg.1		182.28	121.10	<b>1.51</b>	0.0276

**Table 2: Differentially downregulated probeID or genes after exposure to histological chorioamnionitis:**

ProbeID	Gene Symbol	CHORIO Group Average Expression	Control Group Average Expression	Fold Change	P-value
TC01003638.hg.1	PTGS2	252.48	9089.59	<b>-35.91</b>	0.0205
TC04002953.hg.1	AREG	313.00	1884.54	<b>-6.03</b>	0.001
TC04002952.hg.1	AREG	328.56	1897.65	<b>-5.75</b>	0.0009
TC01001749.hg.1	G0S2	2352.53	13034.07	<b>-5.54</b>	0.008
TC05001854.hg.1	HBEGF	385.34	2005.85	<b>-5.18</b>	0.0022
TC19001593.hg.1	PLAUR	1448.15	7082.29	<b>-4.89</b>	0.0138
TC21001069.hg.1	SAMSN1	3956.48	17438.64	<b>-4.42</b>	0.0257
TC12001216.hg.1	OLR1	178.53	765.36	<b>-4.27</b>	0.0365
TC03000276.hg.1	CAMP	657.11	2683.69	<b>-4.09</b>	0.0011
TC09000508.hg.1	NR4A3	143.01	580.04	<b>-4.07</b>	0.0128
TC03001357.hg.1	LTF	2683.69	9345.14	<b>-3.49</b>	0.0208
TC03002133.hg.1	ATP13A3	1618.00	5634.22	<b>-3.47</b>	0.0063
TC10000566.hg.1	PPIF	1152.06	3541.14	<b>-3.09</b>	0.0226
TC10000629.hg.1	LIPN	519.15	1584.71	<b>-3.05</b>	0.0234
TC09001325.hg.1	NFIL3	1192.69	3304.00	<b>-2.77</b>	0.0262
TC05001589.hg.1	LUCAT1	265.03	729.11	<b>-2.75</b>	0.0057
TC01003629.hg.1	IVNS1ABP	8422.31	21469.49	<b>-2.55</b>	0.0036
TC01001622.hg.1	RGS1	1428.22	3541.14	<b>-2.47</b>	0.0042
TC17000117.hg.1	KDM6B	1200.98	2916.45	<b>-2.42</b>	0.0318
TC19000885.hg.1	FCAR	2256.70	5330.30	<b>-2.35</b>	0.0023
TC01000733.hg.1	PDE4B	280.14	652.58	<b>-2.33</b>	0.0125
TC19001241.hg.1	ADGRE3	680.29	1573.76	<b>-2.3</b>	0.042
TC06000844.hg.1	PRDM1	263.20	600.49	<b>-2.28</b>	0.006
TC0X000079.hg.1	SYAP1	968.76	2164.77	<b>-2.22</b>	0.0013
TC02002102.hg.1	DUSP2	474.41	1031.12	<b>-2.18</b>	0.0153
TC03001302.hg.1	CSRNP1	617.37	1287.18	<b>-2.09</b>	0.0268
TC0X000112.hg.1	SAT1	13873.08	28924.41	<b>-2.08</b>	0.0162
TC03000766.hg.1	ATP1B3	2288.20	4705.07	<b>-2.06</b>	0.0363
TC04000411.hg.1	CXCL1	112.21	229.13	<b>-2.05</b>	0.0404
TC19001830.hg.1	TARM1	116.16	235.57	<b>-2.02</b>	0.0059
TC17000983.hg.1	MIR22HG; MIR22	410.15	826.00	<b>-2.01</b>	0.0006
TC12000414.hg.1	NR4A1	144.01	288.01	<b>-2.01</b>	0.0174
TC22000648.hg.1	OSM	68.12	134.36	<b>-1.97</b>	0.0458



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TC05001385.hg.1	PLK2	95.01	187.40	<b>-1.97</b>	0.0396
TC15002005.hg.1	CHSY1	1686.71	3304.00	<b>-1.96</b>	0.0039
TC10000922.hg.1	PTPRE	4329.55	8364.13	<b>-1.93</b>	0.0206
TC20000395.hg.1	SNAI1	47.18	91.14	<b>-1.93</b>	0.0083
TC06002120.hg.1	VNN3	604.67	1168.14	<b>-1.93</b>	0.039
TC20000844.hg.1	MAFB	207.94	398.93	<b>-1.92</b>	0.0097
TC05001628.hg.1	CHD1	8023.41	15286.81	<b>-1.9</b>	0.0413
TC01000950.hg.1	AMPD2	670.92	1269.46	<b>-1.89</b>	0.0104
TC10000189.hg.1	MASTL	335.46	634.73	<b>-1.89</b>	0.0091
TC07003301.hg.1	PNPLA8	1820.35	3326.99	<b>-1.83</b>	0.007
TC19001457.hg.1	NFKBID	261.38	471.14	<b>-1.81</b>	0.0095
TC01003359.hg.1	ETV3	1152.06	2076.59	<b>-1.8</b>	0.0099
TC22001424.hg.1	APOBEC3A_B; APOBEC3A	2149.82	3821.70	<b>-1.77</b>	0.0451
TC19000812.hg.1	ZNF331	288.01	512.00	<b>-1.77</b>	0.0308
TC01000474.hg.1	ZC3H12A	256.00	451.94	<b>-1.76</b>	0.0422
TC17000141.hg.1	NDEL1	3350.13	5873.48	<b>-1.75</b>	0.0038
TC04000678.hg.1	NOCT	205.07	362.04	<b>-1.75</b>	0.008
TC14000694.hg.1	SNORD114-17	50.21	88.03	<b>-1.75</b>	0.0121
TC06001498.hg.1	TRIM10	116.16	203.66	<b>-1.75</b>	0.0443
TC19000274.hg.1	CYP4F3	202.25	352.14	<b>-1.74</b>	0.0449
TC03000056.hg.1	IRAK2	164.28	284.05	<b>-1.74</b>	0.048
TC10000413.hg.1	DDX21	7486.11	12854.63	<b>-1.71</b>	0.036
TC21000506.hg.1	SIK1	968.76	1652.00	<b>-1.7</b>	0.0182
TC05001570.hg.1	CCNH	2665.15	4451.27	<b>-1.68</b>	0.0061
TC05001610.hg.1	ELL2	709.18	1192.69	<b>-1.68</b>	0.0165
TC07001738.hg.1	NAMPT	67378.47	110984.60	<b>-1.65</b>	0.0367
TC15000111.hg.1	SNORD115-42; SNORD115-10	91.14	151.17	<b>-1.65</b>	0.0175
TC09000274.hg.1	CNTNAP3B	40.79	66.72	<b>-1.63</b>	0.026
TC02000183.hg.1	FOSL2	837.53	1370.04	<b>-1.63</b>	0.0317
TC15000080.hg.1	SNORD115-6	108.38	176.07	<b>-1.63</b>	0.0198
TC07001304.hg.1	FAM183BP	116.97	187.40	<b>-1.6</b>	0.0145
TC03000096.hg.1	EAF1	1128.35	1807.78	<b>-1.59</b>	0.0257
TC19001351.hg.1	LOC105372321	77.71	124.50	<b>-1.59</b>	0.014
TC06001762.hg.1	NFKBIE	413.00	657.11	<b>-1.59</b>	0.0351

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TC01001720.hg.1	CTSE	121.94	191.34	<b>-1.57</b>	0.0366
TC05001831.hg.1	ETF1	2288.20	3590.58	<b>-1.57</b>	0.0124
TC17001118.hg.1	MYH10	77.71	121.94	<b>-1.57</b>	0.0407
TC07003328.hg.1	RABGEF1	1530.73	2418.67	<b>-1.57</b>	0.0019
TC04001570.hg.1	SLC7A11	57.68	91.14	<b>-1.57</b>	0.0048
TC06000532.hg.1	CDKN1A	385.34	596.34	<b>-1.55</b>	0.0076
TC17000108.hg.1	ATP1B2	50.56	78.25	<b>-1.54</b>	0.0383
TC0X000238.hg.1	TIMP1	413.00	634.73	<b>-1.54</b>	0.0184
TC17000119.hg.1	CYB5D1	88.65	135.30	<b>-1.53</b>	0.0471
TC16001302.hg.1	MPHOSPH6	418.77	634.73	<b>-1.51</b>	0.0039
TC19001640.hg.1	PGLYRP1	321.80	484.38	<b>-1.51</b>	0.0324
TC15000093.hg.1	SNORD115-21	47.84	72.00	<b>-1.51</b>	0.0156
TC01004998.hg.1	G0S2	4608.24	50012.46	<b>-10.82</b>	0.0054
TC07003113.hg.1	DOCK4	564.18	4240.45	<b>-7.51</b>	0.0092
TC06003603.hg.1	HLA-DQB1	315.17	2272.40	<b>-7.18</b>	0.0089
TC02004133.hg.1	BRE-AS1	149.09	975.50	<b>-6.55</b>	0.036
TC19002226.hg.1	ZNF331	268.73	1060.11	<b>-3.94</b>	0.023
TC19002237.hg.1	FCAR	8135.41	26801.01	<b>-3.3</b>	0.0076
TC11003025.hg.1	BGLT3	78.79	240.52	<b>-3.06</b>	0.0237
TC12002776.hg.1	ART4	30.06	73.52	<b>-2.45</b>	0.0061
TC06003854.hg.1	VNN3	935.76	2288.20	<b>-2.45</b>	0.0214
TC17002479.hg.1	MYH10	71.01	164.28	<b>-2.33</b>	0.0408
TC08002253.hg.1	EGR3	37.79	85.04	<b>-2.25</b>	0.0131
TC0X001608.hg.1	SYAP1	2272.40	5077.84	<b>-2.24</b>	0.0004
TC17002040.hg.1	ATP1B2	108.38	227.54	<b>-2.1</b>	0.0467
TC17002437.hg.1	MIR22HG	530.06	1089.92	<b>-2.05</b>	0.0004
TC0X001624.hg.1	SAT1	38698.77	77397.54	<b>-1.99</b>	0.009
TC12002493.hg.1	DUSP6	59.30	112.21	<b>-1.9</b>	0.0392
TC02004331.hg.1	ADD2	195.36	359.54	<b>-1.84</b>	0.0194
TC08002252.hg.1	LOC286058	37.79	67.18	<b>-1.78</b>	0.0019
TC07002236.hg.1	AQP1	68.59	118.60	<b>-1.73</b>	0.0229
TC10002105.hg.1	DDX21	6338.83	11036.54	<b>-1.73</b>	0.0387
TC05003160.hg.1	CHD1	16384.00	27554.49	<b>-1.68</b>	0.0075
TC08002257.hg.1	TNFRSF10B	604.67	996.00	<b>-1.64</b>	0.0481

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TC08002367.hg.1	<b>PTTG3P</b>	53.82	86.82	<b>-1.61</b>	0.0219
TC01004453.hg.1	<b>IL23R</b>	45.25	69.55	<b>-1.53</b>	0.032
TC09001882.hg.1	<b>UBAP1</b>	4544.80	6936.54	<b>-1.52</b>	0.0238
TC17002039.hg.1	<b>ATP1B2</b>	82.71	124.50	<b>-1.5</b>	0.0204
TC0X001292.hg.1		233.94	643.59	<b>-2.76</b>	0.0152
TC10001182.hg.1		9410.14	20738.16	<b>-2.2</b>	0.0137
TC12000140.hg.1		568.10	1226.22	<b>-2.16</b>	0.0493
TC03000057.hg.1		461.44	867.07	<b>-1.89</b>	0.0313
TC02000821.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02000833.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02000835.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02002302.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02002305.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02002315.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02002316.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC02002337.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000014.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000020.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000024.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000860.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000863.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC14000866.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC15001030.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC18000390.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC21000020.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC22000442.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC22000445.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC22000450.hg.1		11.63	20.97	<b>-1.8</b>	0.018
TC10000551.hg.1		210.84	367.09	<b>-1.74</b>	0.005
TC15001956.hg.1		24.25	41.93	<b>-1.72</b>	0.044
TC06000878.hg.1		28.25	48.50	<b>-1.71</b>	0.0492
TC06001629.hg.1		29.45	50.21	<b>-1.7</b>	0.0203
TC11000068.hg.1		39.12	65.80	<b>-1.68</b>	0.0028
TC06001641.hg.1		14.72	24.76	<b>-1.67</b>	0.0087

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TC10000827.hg.1		138.14	229.13	<b>-1.67</b>	0.0385
TC0Y000099.hg.1		19.70	32.00	<b>-1.62</b>	0.0472
TC0Y000204.hg.1		19.70	32.00	<b>-1.62</b>	0.0472
TC11000813.hg.1		160.90	259.57	<b>-1.61</b>	0.0417
TC10000130.hg.1		191.34	306.55	<b>-1.6</b>	0.0054
TC11001759.hg.1		179.77	284.05	<b>-1.57</b>	0.0358
TC14000432.hg.1		621.67	975.50	<b>-1.57</b>	0.0321
TC06001181.hg.1		20.68	32.00	<b>-1.55</b>	0.0005
TC15000546.hg.1		18.38	28.44	<b>-1.54</b>	0.0149
TC07000685.hg.1		37.27	56.89	<b>-1.53</b>	0.0341
TC17001909.hg.1		86.22	131.60	<b>-1.52</b>	0.0433
TC14000637.hg.1		74.03	112.21	<b>-1.52</b>	0.0492
TC19000183.hg.1		3169.41	4770.75	<b>-1.51</b>	0.0478
TC06001872.hg.1		129.79	195.36	<b>-1.51</b>	0.0275
TC05001712.hg.1		12.38	18.64	<b>-1.51</b>	0.0069
TC01002961.hg.1		229.13	344.89	<b>-1.5</b>	0.0322
TC03003282.hg.1		393.44	2241.11	<b>-5.7</b>	0.0038
TC05003141.hg.1		218.27	634.73	<b>-2.91</b>	0.0051
TC11002782.hg.1		108.38	225.97	<b>-2.09</b>	0.0112
TC20001155.hg.1		43.41	88.03	<b>-2.03</b>	0.0185
TC13001355.hg.1		45702.96	85877.94	<b>-1.87</b>	0.023
TC06003961.hg.1		14.62	26.91	<b>-1.85</b>	0.0371
TC09001960.hg.1		27.10	48.84	<b>-1.8</b>	0.0057
TC0X001908.hg.1		32995.92	58656.36	<b>-1.78</b>	0.0301
TC14002072.hg.1		71.01	122.79	<b>-1.73</b>	0.0078
TC13000992.hg.1		24.25	39.67	<b>-1.64</b>	0.0006
TC21000824.hg.1		19.70	31.34	<b>-1.6</b>	0.0069
TC01005996.hg.1		533.74	849.22	<b>-1.59</b>	0.0245
TC09002600.hg.1		45.89	73.01	<b>-1.59</b>	0.01
TC05002657.hg.1		64.00	100.43	<b>-1.57</b>	0.034
TC15002185.hg.1		49.87	77.71	<b>-1.56</b>	0.0208
TC09001920.hg.1		56.49	87.43	<b>-1.55</b>	0.0274
TC21000612.hg.1		23.10	35.51	<b>-1.53</b>	0.0075