

Column	Probeset ID	Gene Symbol	Gene Title	RefSeq	p-value	Fold-Change
23300	XI2.51456.1.S1_at	---	---	---	0.0437432	39.4923
5038	XI2.15616.1.S1_at	tekt2	tektin 2 (testicular)	NM_001096211	0.0124408	25.9678
27237	XI2.55428.1.S1_at	foxj1.2	forkhead box J1, gene 2	NM_001096421	0.0148935	20.4041
17604	XI2.41899.1.S1_at	fam154b	family with sequence similarity 154 B	NM_001093710	0.00228547	19.3115
15703	XI2.33942.1.S1_at	MGC131046	Cyclin O	NM_001096396	0.017057	19.3037
4393	XI2.14955.1.A1_at	---	---	---	0.029102	18.9438
10673	XI2.23696.1.S1_at	tsga10	testis specific, 10	---	0.00377716	17.6298
12822	XI2.2651.1.A1_at	---	---	---	0.0363674	17.6218
31708	XI2.9077.1.S1_at	MGC78960	hypothetical protein MGC78960	NM_001091603	0.0106166	16.2694
22574	XI2.50818.1.S1_at	ccno	cyclin O	NM_001096410	0.0174991	15.0693
27520	XI2.55698.1.S1_at	MCI	hypothetical protein LOC100158359	NM_001127804	0.0327364	14.7061
3310	XI2.13768.1.A1_at	---	---	---	0.000172648	14.1659
22222	XI2.50473.1.S1_at	MGC130946	centrin2	NM_001096664	0.0118188	14.1255
21769	XI2.49880.1.S1_at	c11orf66	chromosome 11 open reading frame 66	NM_001095293	0.020659	13.9783
29223	XI2.5987.1.S1_at	cav-3	caveolin-3	NM_001088827	0.0321872	13.7159
5034	XI2.15612.1.A1_at	bbs12	Bardet-Biedl syndrome 12	NM_001099878	0.0171632	13.5396
9600	XI2.21648.1.S1_at	kit	v-kit viral oncogene homolog	NM_001085708	0.0119181	13.5085
2834	XI2.13265.1.S1_at	---	tubulin tyrosine ligase	---	0.0084366	13.2239
22541	XI2.50790.1.S1_at	foxn4	forkhead box N4	NM_001095652	0.0153259	13.1927
22671	XI2.50895.2.A1_at	---	---	---	0.028485	12.2844
1046	XI2.11087.1.S1_at	efhc1	EF-hand domain (C-terminal) containing 1	NM_001092940	0.0265342	12.1065
4818	XI2.15406.2.S1_at	---	---	---	0.0052457	12.0757
16054	XI2.34501.1.S1_at	foxj1a	forkhead box protein J1-A	NM_001090177	0.00549759	11.8603
16009	XI2.34463.1.S1_at	MGC68680	hypothetical protein MGC68680	NM_001089700	0.0056069	11.4223
5939	XI2.16545.1.S1_at	tekt4	tektin 4	NM_001095333	0.0276342	11.2703
21208	XI2.4890.1.S1_at	ccdc78	coiled-coil domain containing 78	NM_001094136	0.0264737	11.1762
19386	XI2.47013.1.S1_at	---	---	---	0.0409036	10.7431
23893	XI2.52048.1.A1_at	---	---	---	0.0109775	10.7379
22196	XI2.50448.1.S1_at	---	---	---	0.0059126	10.6394
19346	XI2.46981.1.S1_at	c1orf158	chromosome 1 open reading frame 158	NM_001095298	0.0104278	10.2868
5603	XI2.16202.1.S1_at	---	---	---	0.0103435	10.168
19501	XI2.47124.1.S1_at	ankrd5	ankyrin repeat domain 5	NM_001091772	0.00782972	9.9975
17188	---	---	---	---	0.00250837	9.99737
4923	XI2.15506.1.A1_at	fam166b	family with sequence similarity 166 B	NM_001112874	0.0146075	9.87313
21698	XI2.49781.1.S1_at	dna11	dynein, axonemal, light chain 1	NM_001094484	0.0319668	9.5289
23541	XI2.51703.1.S1_at	c2orf62	chromosome 2 open reading frame 62	NM_001096840	0.0191736	9.31112
19236	XI2.46873.1.S1_at	ttc18	tetratricopeptide repeat domain 18	---	0.0449571	9.16799
6076	XI2.16695.1.S1_at	elovl2	(FEN1/Elo2, SUR4/Elo3)-like 2	NM_001094095	0.0382186	9.12043
30872	XI2.7927.1.S1_at	wdr8	WD repeat domain 8	NM_001096522	0.0347115	8.91554
21923	XI2.50146.1.A1_at	---	---	---	0.00767846	8.77527
26175	XI2.54218.1.A1_at	---	---	---	0.016895	8.75101
21161	XI2.48854.1.S1_a_at	---	---	---	0.0207428	8.51722
5624	XI2.16226.1.A1_at	---	---	---	0.0312996	8.51029
2018	XI2.12380.1.S1_at	ccdc19	coiled-coil domain containing 19	NM_001095394	0.00540275	8.49173
13882	XI2.30.1.S1_at	kit	v-kit homolog	NM_001085579	0.00509678	8.40797
21843	XI2.50027.1.S1_at	spef2	sperm flagellar 2	NM_001095399	0.0162176	8.33819
3365	XI2.13831.2.A1_at	---	---	---	0.0444365	8.28793
2042	XI2.1241.1.S1_at	sox7	SRY (sex determining region Y)-box 7	NM_001085868	0.0369793	8.22495
8809	XI2.20259.1.S1_at	morn3	MORN repeat containing 3	NM_001095332	0.0145923	8.17571
30924	XI2.7994.1.A1_at	---	---	---	0.0299608	7.8482
16067	XI2.34517.1.A1_at	---	---	---	0.0364137	7.82168
13891	XI2.30012.1.S1_at	tekt1	tektin 1	NM_001091757	0.0216221	7.44936
2177	XI2.12567.1.A1_at	---	---	---	0.0142887	7.39464
8933	XI2.20609.1.S1_at	tctex1d1-a	tctex1 domain-containing protein 1-A	NM_001096648	0.00298875	7.35295

22204	XI2.50456.1.A1_at	---	---	---	0.00556426	7.28131
10301	XI2.23166.1.S1_at	tmem53-b	transmembrane protein 53	NM_001093021	0.00160528	7.27875
14494	XI2.32096.1.S1_at	enkur	enkurin, TRPC channel interacting protein	NM_001095267	0.0118146	7.17614
31782	XI2.9162.1.S1_at	ttc21a	tetratricopeptide repeat domain 21A	NM_001091636	0.0388703	7.15609
29876	XI2.6788.1.S1_at	LOC496230	UPF0573 protein B	NM_001095416	0.0175056	7.06311
31537	XI2.8912.1.S1_at	grasp	GRP1-associated scaffold protein	NM_001085984	0.0260989	7.00711
5991	XI2.16599.1.S1_at	MGC80975	MGC80975 protein	NM_001092408	0.0423871	6.93597
2909	XI2.13352.1.S1_at	rsph1	radial spoke head 1 homolog	NM_001095320	0.0156417	6.90444
27296	XI2.55482.1.S1_at	ccdc113	coiled-coil domain containing 113	---	0.0452484	6.86065
13350	XI2.2908.1.A1_at	---	---	---	0.0174418	6.8468
5520	XI2.16114.1.S1_at	---	---	---	0.00909755	6.81848
14393	XI2.3198.1.S1_at	c13orf26	chromosome 13 open reading frame 26	NM_001095256	0.0297405	6.78483
30237	XI2.7193.1.S1_at	---	---	---	0.0190573	6.6378
1430	XI2.11546.1.A1_at	---	---	---	0.00740311	6.63436
15434	XI2.33617.1.A1_at	---	---	---	0.00689346	6.62174
7928	XI2.19135.1.S1_at	---	---	---	0.00301495	6.53265
2067	XI2.12436.1.A1_at	---	---	---	0.0197631	6.50189
3485	XI2.1396.1.S1_at	foxj1	forkhead box J1	NM_001090175	0.0112107	6.44648
30067	XI2.7007.1.S1_at	poc1a	POC1 centriolar protein homolog A	NM_001086414	0.00248602	6.42153
26490	XI2.54538.1.S1_at	---	---	---	0.0305946	6.37087
21898	XI2.50128.1.S1_at	lrrc67	leucine rich repeat containing 67	NM_001095321	0.012322	6.34559
2497	XI2.12902.1.A1_at	---	---	---	0.00171016	6.3427
5027	XI2.15603.1.A1_at	---	---	---	0.0417029	6.18644
24075	XI2.52195.1.S1_at	---	---	---	0.00701737	6.1654
20905	XI2.48614.1.S1_at	efcab1	EF-hand calcium binding domain 1	NM_001096226	0.0134406	6.04893
12123	XI2.25505.1.A1_at	MGC84778	MGC84778 protein	NM_001092848	0.00839975	6.0201
7601	XI2.18686.1.A1_at	---	---	---	0.000421412	5.99943
27233	XI2.55424.1.S1_at	MGC130930	hypothetical protein MGC130930	NM_001096367	0.0362181	5.96315
4471	XI2.1504.1.A1_at	rsph3	radial spoke 3 homolog	NM_001127814	0.0134057	5.8542
20862	XI2.48559.1.S1_at	c4orf47	chromosome 4 open reading frame 47	NM_001094745	0.0263804	5.8476
9372	XI2.21493.1.S1_at	hsp70	heat shock 70kDa protein	NM_001127675	0.0259389	5.74419
27763	XI2.5593.1.S1_at	MGC131354	hypothetical protein MGC131354	NM_001096328	0.0164894	5.73295
25886	XI2.53906.1.S1_at	tbcel	tubulin folding cofactor E-like	NM_001096263	0.00793291	5.71029
6135	XI2.16772.1.S1_at	dnali1	dynein, axonemal, light intermediate chain 1	NM_001092504	0.0166189	5.674
14497	XI2.32099.1.S1_at	---	---	---	0.0157209	5.51393
32177	XI2.9637.1.A1_at	---	---	---	0.0212796	5.49621
31068	XI2.8193.1.S1_a_at	fam161a	family with sequence similarity 161A	NM_001094135	0.0315916	5.42
25775	XI2.53803.1.S1_x_at	alphatub84b	tubulin, alpha 1	NM_001086587	0.00163651	5.36767
10088	XI2.22601.1.S1_at	LOC496239	hypothetical LOC496239	NM_001095424	0.00995546	5.35343
12325	XI2.25762.1.A1_at	MGC154819	rieske domain protein (5K704)	NM_001096967	0.00118107	5.33314
13969	XI2.3026.1.S1_at	ak7	adenylate kinase 7	NM_001087577	0.0483428	5.29683
846	XI2.10830.1.S1_a_at	c9orf68	chromosome 9 open reading frame 68	NM_001096282	0.0081382	5.28235
22000	XI2.50244.1.A1_at	---	---	---	0.0320162	5.25955
21885	XI2.50116.1.S1_at	zmynd10	zinc finger, MYND-type containing 10	NM_001096803	0.00105248	5.22893
19217	XI2.46857.1.S1_at	c2orf73	chromosome 2 open reading frame 73	---	0.0102017	5.22128
16525	XI2.35387.1.S1_at	morn2	MORN repeat containing 2	NM_001171791	0.00378051	5.17837
4362	XI2.14916.1.A1_at	---	---	---	0.0451372	5.1507
730	XI2.10706.1.A1_at	tctex1d1	Tctex1 domain containing 1	NM_001113430	0.0119346	4.99307
21844	XI2.50028.1.S1_at	lrrc18	leucine rich repeat containing 18	NM_001095397	0.0319065	4.95714
2347	XI2.12748.1.S1_at	---	---	---	0.0465248	4.88995
2882	XI2.13320.1.A1_at	---	---	---	0.0107002	4.88707
16335	XI2.34888.1.S1_at	---	---	---	0.027676	4.87608
4629	XI2.15197.1.S1_at	---	---	---	0.0292191	4.87578
4817	XI2.15406.1.S1_at	---	---	---	0.0200187	4.82485

3215	XI2.13667.2.S1_a_at	---	---	---	0.0327275	4.77905
27977	XI2.5614.1.S1_at	meig1	meiosis expressed gene 1 homolog	NM_001171698	0.0066859	4.76942
3467	XI2.13942.1.A1_at	---	---	---	0.0292812	4.73313
27010	XI2.55178.1.A1_at	---	---	---	0.0489272	4.71171
21908	XI2.50135.1.A1_at	---	---	---	0.0159065	4.70762
22670	XI2.50895.1.S1_at	---	---	---	0.0158643	4.67842
29556	XI2.6402.1.S1_at	MGC130955	hypothetical protein MGC130955	NM_001096370	0.00500138	4.6686
4344	XI2.14895.1.A1_at	---	---	---	0.00897859	4.6428
21218	XI2.48920.1.S1_at	hspb11	heat shock protein family	NM_001094357	0.0220473	4.58453
21744	XI2.49841.1.S1_at	ccdc103	coiled-coil domain containing 103	---	0.00693798	4.56838
16668	XI2.3668.2.S1_at	fbxo43	F-box protein 43	NM_001099868	0.0109577	4.53102
11184	XI2.24257.1.S1_at	c2orf39	chromosome 2 open reading frame 39	NM_001086371	0.0112789	4.48481
8843	XI2.20476.1.S1_at	ccdc89	coiled-coil domain containing 89	NM_001089115	0.0017473	4.45102
11200	XI2.24281.1.S1_at	MGC82579	MGC82579 protein	NM_001092129	0.0208054	4.42577
23153	XI2.51303.1.S1_at	spata18	spermatogenesis associated 18 homolog	NM_001096182	0.0304162	4.41511
22482	XI2.50705.1.S1_at	---	---	---	0.0219169	4.3868
731	XI2.10706.2.S1_at	tctex1d1	Tctex1 domain containing 1	NM_001113430	0.00285669	4.31463
28894	XI2.57009.1.A1_at	---	---	---	0.00286977	4.29083
19149	XI2.46798.1.S1_at	c9orf9	chromosome 9 open reading frame 9	NM_001091855	0.0303013	4.28851
4479	XI2.1505.2.A1_at	---	---	---	0.0183158	4.27718
21983	XI2.50223.1.S1_at	zdhhc1	zinc finger, DHHC-type containing 1	NM_001096323	0.0065544	4.26892
3792	XI2.14290.1.A1_at	---	---	---	0.00992844	4.24001
29074	XI2.5789.1.S1_at	pde9a	phosphodiesterase 9A	NM_001096172	0.0194558	4.21313
4448	XI2.15012.1.A1_a_at	LOC100049756	hypothetical protein LOC100049756	---	0.0175902	4.204
8139	XI2.19374.1.S1_at	---	---	---	0.000125097	4.16254
16805	XI2.3778.2.A1_a_at	---	---	---	0.00102794	4.10518
27819	XI2.55981.1.S1_at	tppp3	tubulin polymerization-promoting	NM_001096362	0.0042442	4.0959
22508	XI2.50729.1.S1_at	---	---	---	0.0378548	4.07804
5305	XI2.15885.1.S1_at	LOC496226	hypothetical LOC496226	NM_001095413	0.0432764	4.06973
2305	XI2.12692.1.S1_at	dcdc2	doublecortin domain containing 2	---	0.0197363	4.04431
27888	XI2.56044.2.A1_at	fsp1	Fibrous sheath-interacting protein 1	---	0.0337105	4.04183
13092	XI2.2815.1.S1_at	katnb1	katanin p80 subunit B 1	NM_001088285	0.00470087	3.99212
2329	XI2.12719.1.S1_at	mapk15	mitogen-activated protein kinase 15	NM_001095966	0.0242038	3.97558
7354	XI2.18412.1.S1_at	---	---	---	0.0270073	3.97279
30036	XI2.6973.1.S1_at	dynlrb2	dynein, light chain, roadblock-type 2	NM_001097940	0.0323785	3.95645
22622	XI2.50855.1.S1_at	---	---	---	0.00418583	3.95338
2085	XI2.12454.1.A1_at	---	---	---	0.00197276	3.94835
1326	XI2.11440.1.A1_at	---	---	---	0.0180401	3.93364
8837	XI2.20447.1.S1_at	MGC52862	similar to tektin 2 (testicular)	NM_001085998	0.00929947	3.88768
21311	XI2.49030.1.S1_at	LOC100127299	Hypothetical protein LOC100127299	NM_001112868	0.00505602	3.87709
7721	XI2.18853.1.S1_at	dydc1	DPY30 domain containing 1	---	0.00535572	3.86225
1614	XI2.11915.1.A1_at	---	---	---	0.0236722	3.84522
14424	XI2.32014.1.A1_at	---	---	---	0.0180341	3.82213
4953	XI2.15538.1.A1_at	---	---	---	0.0241865	3.82204
14904	XI2.32598.1.S1_at	ccdc41	coiled-coil domain containing 41	NM_001095958	0.0256201	3.80601
19292	XI2.46928.1.A1_a_at	---	---	---	0.00521959	3.80143
22784	XI2.50997.1.S1_at	---	---	---	0.00292188	3.78892
4893	XI2.15473.1.A1_at	---	---	---	0.00562207	3.76573
5560	XI2.16163.1.A1_at	---	---	---	0.00267005	3.75791
29508	XI2.6356.1.A1_at	---	---	---	0.00312159	3.75548
3366	XI2.13831.3.S1_at	---	---	---	0.0334568	3.73119
7839	XI2.19005.2.A1_at	---	---	---	0.0355335	3.70936
2767	XI2.13179.1.A1_at	---	---	---	0.0388817	3.70108
32384	XI2.9878.1.A1_at	---	---	---	0.00861146	3.67989

25688	XI2.53719.1.A1_at	---	---	---	0.0441477	3.65758
4348	XI2.14899.1.S1_at	ccdc61	coiled-coil domain containing 61	NM_001096129	0.00724111	3.62546
5202	XI2.15778.1.S1_at	---	---	---	0.0120602	3.62373
18271	XI2.4468.1.S1_at	c21orf59	chromosome 21 open reading frame 59	NM_001093382	0.0198472	3.60673
21657	XI2.49716.1.S1_at	---	---	---	0.0111519	3.59209
30057	XI2.6997.1.S1_at	cep76	centrosomal protein 76kDa	NM_001093268	0.0206297	3.56949
4532	XI2.15107.2.S1_at	---	---	---	0.0348026	3.56435
25673	XI2.53704.1.S1_at	fam166b	family with sequence similarity 166B	NM_001112874	0.00734357	3.55934
3650	XI2.14126.1.A1_at	LOC100137623	hypothetical protein LOC100137623	---	0.0473345	3.55656
4720	XI2.15295.1.A1_at	---	---	---	0.0147642	3.54979
22487	XI2.50709.1.S1_at	---	---	---	0.0134812	3.53433
20169	XI2.47812.1.A1_at	---	---	---	0.0085748	3.53098
10205	XI2.22889.1.A1_at	---	---	---	0.00411775	3.50058
2768	XI2.13179.2.S1_at	---	---	---	0.0283086	3.49548
1361	XI2.11474.1.A1_at	---	---	---	0.0276951	3.48228
4801	XI2.15384.1.S1_at	rsph9	radial spoke head 9 homolog	NM_001096314	0.00117608	3.46226
21234	XI2.4896.1.A1_at	---	---	---	0.00533392	3.45043
15545	XI2.33765.2.A1_at	---	---	---	0.00868042	3.44786
24313	XI2.5242.1.S1_at	---	---	---	0.00870645	3.4409
6979	XI2.17979.1.S1_at	fbxw9	F-box and WD repeat domain containing 9	NM_001095104	0.00509669	3.43261
4531	XI2.15107.1.A1_at	---	---	---	0.028586	3.38795
20153	XI2.47790.1.A1_at	map9	microtubule-associated protein 9	NM_001135083	0.0443962	3.3631
32140	XI2.9586.1.A1_at	---	---	---	0.0118474	3.36106
6995	XI2.17997.1.S1_at	nme5	non-metastatic cells 5,	NM_001094325	0.000348802	3.35499
31917	XI2.9307.1.A1_at	---	---	---	0.0369663	3.31553
15863	XI2.34137.1.S1_at	tmem107	transmembrane protein 107	NM_001096639	0.0429918	3.28513
21905	XI2.50133.1.S1_at	cluap1	clusterin associated protein 1	NM_001096997	0.0414825	3.28473
17527	XI2.41634.1.S1_at	---	---	---	0.0369187	3.27792
4432	XI2.14992.1.S1_at	adrb1	adrenergic, beta-1-, receptor	NM_001090683	0.00402203	3.27067
22436	XI2.50660.1.S1_at	---	---	---	0.00754443	3.26597
10048	XI2.22500.2.S1_at	---	---	---	0.0271428	3.22273
5938	XI2.16544.1.S1_at	ropon1l	ropporin 1-like	NM_001096022	0.0395763	3.21842
7112	XI2.18143.1.A1_at	---	---	---	0.00412232	3.21254
11532	XI2.24665.1.S1_at	fam177a1	family with sequence similarity 177	NM_001093442	0.0302837	3.20831
7622	XI2.18707.1.A1_at	---	---	---	0.0268119	3.20367
21759	XI2.49864.1.S1_at	cyb5d1	cytochrome b5 domain containing 1	NM_001095358	0.0252493	3.20342
30571	XI2.7581.1.A1_at	---	---	---	0.0087326	3.1878
22030	XI2.50278.1.A1_at	---	---	---	0.044593	3.17827
29218	XI2.598.2.S1_a_at	LOC100137612	RaiB-binding protein	NM_001114768	0.00532586	3.15692
7729	XI2.18865.1.S1_at	ankrd45	ankyrin repeat domain 45	NM_001095276	0.0236915	3.14263
14491	XI2.32093.1.S1_at	styx1l	serine/threonine/tyrosine interacting-like 1	NM_001112823	0.0158346	3.13841
1230	XI2.11326.1.A1_at	---	---	---	0.0254898	3.13147
22452	XI2.50676.1.S1_at	MGC131269	hypothetical protein MGC131269	NM_001096298	0.0370739	3.10646
5843	XI2.16441.1.S1_at	wdr16	WD repeat domain 16	NM_001095991	0.0205917	3.10544
9754	XI2.21906.1.S1_at	MGC53997	hypothetical protein MGC53997	NM_001086046	0.0124281	3.1034
7576	XI2.18655.1.A1_at	---	---	---	0.0446853	3.06381
10671	XI2.23694.1.S1_at	paqr8	progesterone and adipoQ receptor	NM_001085861	0.00983051	3.05876
4498	XI2.1507.1.S1_at	ttc25	tetratricopeptide repeat domain 25	NM_001091143	0.0250721	3.05198
20615	XI2.48341.1.S1_at	acyp1	acylphosphatase 1	NM_001093244	0.00350934	3.05172
25988	XI2.53987.1.S1_at	dnai2	dynein, axonemal, intermediate chain 2	NM_001096041	0.0267522	3.04577
24276	XI2.52384.2.S1_s_at	tbcel	tubulin folding cofactor E-like	NM_001096263	0.00442192	3.04154
21789	XI2.49913.1.S1_at	ppil6	peptidylprolyl isomerase 6	NM_001095206	0.00408559	3.02166
15325	XI2.33489.1.S1_x_at	---	---	---	0.00302158	3.01153
463	XI2.10381.1.S1_at	rage	renal tumor antigen	NM_001091332	0.0160438	3.00399

27333	XI2.55518.1.A1_s_at	ift80	intraflagellar transport 80 homolog	---	0.047283	2.99779
19338	XI2.46973.1.S1_at	---	---	---	0.0139021	2.99765
21971	XI2.50209.1.S1_at	iqcd	IQ motif containing D	---	0.0496283	2.99625
8517	XI2.19820.1.A1_at	---	---	---	0.0104687	2.97749
13814	XI2.29831.1.S1_at	oscp1	organic solute carrier partner 1	NM_001095812	0.000268336	2.9646
3672	XI2.14154.1.S1_at	---	---	---	0.0346776	2.96316
19293	XI2.46928.1.A1_s_at	spag6	sperm associated antigen 6	NM_001096217	0.0293709	2.94158
447	XI2.10353.1.S1_at	---	---	---	0.0106676	2.92793
14114	XI2.30772.1.A1_at	---	---	---	0.00208099	2.9064
11592	XI2.24734.1.S1_a_at	arl2bp	ADP-ribosylation factor binding protein	NM_001092856	0.0278399	2.90379
5233	XI2.15806.3.A1_at	---	---	---	0.0418996	2.90313
24322	XI2.52433.1.S1_at	---	---	---	0.0321495	2.87357
4326	XI2.14868.1.A1_at	---	---	---	0.0049692	2.85981
15297	XI2.334.1.S1_at	xicl	Xicl gene	NM_001088319	0.0112724	2.8333
25718	XI2.53747.1.A1_at	---	---	---	0.0308837	2.80646
1324	XI2.11439.1.S1_at	c16orf48	chromosome 16 open reading frame 48	---	0.0106164	2.79466
31417	XI2.8720.2.A1_s_at	giyd1	GIY-YIG domain containing 1	NM_001096907	0.0127051	2.79039
4557	XI2.15133.1.S1_at	wdr78	WD repeat domain 78	NM_001092231	0.00860769	2.77075
4904	XI2.1549.1.A1_at	---	---	---	0.0469432	2.76328
4715	XI2.15290.1.A1_at	---	---	---	0.0240036	2.76187
5231	XI2.15806.1.A1_at	---	---	---	0.0341287	2.74066
8229	XI2.19478.1.S1_at	LOC398327	Leucine-rich protein	NM_001088793	0.00371791	2.73739
19392	XI2.47019.1.S1_at	MGC78844	hypothetical protein MGC78844	NM_001091575	0.0475398	2.73358
20445	XI2.48175.1.A1_at	tctn1	tectonic family member 1	---	0.0195683	2.73172
1416	XI2.11534.1.S1_at	ccdc45	coiled-coil domain containing 45	NM_001094269	0.0262645	2.72514
19343	XI2.46978.1.S1_at	fam164a	family with sequence similarity 164A	NM_001095330	0.00376864	2.72433
15641	XI2.33872.1.S1_at	gmppaa	GDP-mannose pyrophosphorylase A a	NM_001092574	0.0197683	2.71427
30095	XI2.7038.1.S1_at	stil	SCL/TAL1 interrupting locus	NM_001091352	0.00783978	2.69493
17323	XI2.40998.1.A1_at	---	---	---	0.0160091	2.69207
24372	XI2.52481.1.S1_at	---	---	---	0.0464603	2.69054
11615	XI2.24758.1.S1_at	bbs5	Bardet-Biedl syndrome 5	NM_001094313	0.020913	2.67345
3450	XI2.13927.1.A1_at	---	---	---	0.025805	2.66834
4891	XI2.15467.1.S1_at	cep70	centrosomal protein 70kDa	NM_001095745	0.00631455	2.6556
14270	XI2.3143.1.A1_at	---	---	---	0.0229752	2.65421
2258	XI2.12647.1.A1_at	---	---	---	0.00548254	2.64362
22026	XI2.50273.1.A1_at	---	---	---	0.00714586	2.63996
31562	XI2.8933.1.A1_at	---	---	---	0.0196943	2.63937
15474	XI2.33666.1.S1_at	tsga14	testis specific, 14	NM_001091191	0.0469745	2.63511
29444	XI2.627.1.S1_at	six3	SIX homeobox 3	NM_001085702	0.045936	2.63425
5801	XI2.16400.1.S1_at	wdr92	WD repeat domain 92	NM_001095400	0.0113546	2.63067
24323	XI2.52433.2.A1_at	---	---	---	0.00179181	2.61514
16319	XI2.34867.1.S1_at	---	---	---	0.0250045	2.61417
412	XI2.10313.1.A1_at	---	---	---	0.0122942	2.6028
22477	XI2.50701.1.S1_at	---	---	---	0.0270132	2.57462
1327	XI2.11440.2.S1_at	---	---	---	0.0343579	2.55452
21857	XI2.50052.1.S1_at	hvcn1	hydrogen voltage-gated channel 1	NM_001095406	0.022652	2.54857
21783	XI2.49909.1.S1_at	c9orf96	chromosome 9 open reading frame 96	NM_001095209	0.0291666	2.54834
3996	XI2.14517.1.S1_at	lrrcc1	leucine rich repeat and coiled-coil domains	NM_001091416	0.000267806	2.54587
7838	XI2.19005.1.A1_s_at	wdr54	D3Mm3e protein	NM_001096867	0.0460423	2.53747
27374	XI2.55563.1.S1_at	---	---	---	0.00599046	2.53313
646	XI2.10608.1.S1_at	cspp1	centrosome associated protein 1	---	0.0365307	2.53188
28895	XI2.57009.2.S1_a_at	---	---	---	0.028691	2.52008
12502	XI2.26052.1.S1_at	ift52	intraflagellar transport 52 homolog	NM_001094130	0.0167209	2.50769
27094	XI2.55263.1.A1_s_at	---	---	---	0.023339	2.50519
6376	XI2.17266.1.S1_at	---	---	---	0.0279247	2.50466

1896	XI2.12240.1.A1_at	---	---	---	0.0207279	2.49753
626	XI2.10588.1.A1_a_at	plk1s1	polo-like kinase 1 substrate 1	---	0.0108184	2.49056
5354	XI2.15925.1.S2_at	dysx1c1	dyslexia susceptibility 1 candidate 1	NM_001093395	0.00547077	2.48855
8652	XI2.19973.1.A1_at	---	---	---	0.0146678	2.47833
10135	XI2.22719.1.S1_at	slc30a1	solute carrier family 30	NM_001087304	0.0294438	2.46685
27253	XI2.55442.1.S1_at	ribc2	RIB43A domain with coiled-coils 2	NM_001096247	0.0263839	2.44775
2984	XI2.13433.1.A1_at	mks1	Meckel syndrome, type 1	NM_001097121	0.01113	2.44456
6724	XI2.1768.1.S1_at	cdk7	cyclin-dependent kinase 7	NM_001090892	0.00921702	2.43382
4701	XI2.15277.1.A1_at	---	---	---	0.00364861	2.42524
29567	XI2.6412.1.A1_at	---	---	---	0.0214099	2.41435
7173	XI2.18207.1.S1_at	MGC53012	similar to Fyn proto-oncogene	NM_001086013	0.0206907	2.39497
10328	XI2.23201.1.A1_s_at	---	---	---	0.0430293	2.3879
25867	XI2.53895.1.A1_a_at	---	---	---	0.00352031	2.38686
24612	XI2.5273.1.S1_at	ccdc52	coiled-coil domain containing 52	NM_001093122	0.0327136	2.38075
8428	XI2.19695.1.A1_at	---	---	---	0.00711945	2.36706
21948	XI2.50182.1.A1_at	---	---	---	0.0313371	2.36582
4321	XI2.14862.1.A1_at	---	---	---	0.0245348	2.36354
15038	XI2.32764.1.A1_at	---	---	---	0.0229635	2.35985
32542	XI2Affx.136.1.S1_at	phospho2	phosphatase, orphan 2	NM_001096935	0.0201443	2.3592
21999	XI2.50243.1.S1_at	katnal2	katanin p60 subunit A-like 2	NM_001096313	0.00319868	2.34871
25360	XI2.53401.1.S1_at	---	---	---	0.01165	2.3416
7018	XI2.18021.1.A1_at	---	---	---	0.0235788	2.34022
2338	XI2.12736.1.S1_at	heatr6	HEAT repeat containing 6	NM_001086044	0.0307357	2.33754
14678	XI2.32305.2.A1_at	---	---	---	0.0301154	2.33473
25557	XI2.53590.1.S1_at	ankrd42	ankyrin repeat domain 42	NM_001099876	0.0217237	2.33276
17387	XI2.4120.2.S1_at	---	---	---	0.00565958	2.32779
21224	XI2.48950.1.S1_at	nfil3	nuclear factor, interleukin 3 regulated	NM_001094210	0.000322454	2.31563
4805	XI2.15389.1.A1_at	---	---	---	0.0112065	2.31067
20181	XI2.47825.1.A1_at	---	---	---	0.0318565	2.30877
32398	XI2.9893.1.A1_at	---	---	---	0.04554	2.30209
17824	XI2.42594.1.S1_at	---	---	---	0.00609102	2.29373
32498	XI2Affx.102.1.S1_at	wdr54	D3Mm3e protein	NM_001096867	0.0244651	2.29143
27887	XI2.56044.1.S1_at	fsip1	Fibrous sheath-interacting protein 1	---	0.00140921	2.29116
810	XI2.10795.1.A1_at	---	---	---	0.0444514	2.2861
811	XI2.10795.2.A1_at	---	---	---	0.01252	2.28489
14199	XI2.3108.1.S1_at	tm4sf18	transmembrane 4 L six family member 18	NM_001093304	0.036045	2.27364
8160	XI2.19398.1.S1_at	rilpl2	Rab interacting lysosomal protein-like 2	NM_001091627	0.00987861	2.27269
26106	XI2.54099.1.S1_at	---	---	---	0.0105117	2.27113
4472	XI2.1504.2.S1_at	rsph3	radial spoke 3 homolog	NM_001127814	0.0447759	2.27099
4662	XI2.15231.1.S1_at	ccdc104	coiled-coil domain containing 104	NM_001087370	0.000188626	2.26974
27122	XI2.55294.1.A1_s_at	LOC414565	Coiled-coil domain-containing protein 42	---	0.0450235	2.26897
21543	XI2.49511.1.S1_at	c6orf120	chromosome 6 open reading frame 120	NM_001171714	0.0298141	2.26466
14075	XI2.30647.1.S1_at	ikzf4	IKAROS family zinc finger 4 (Eos)	NM_001095169	0.00233767	2.26198
10675	XI2.23698.1.S1_at	ruvbl2	RuvB-like 2	NM_001088596	0.00937095	2.24147
32376	XI2.9867.1.A1_s_at	---	---	---	0.0331739	2.23736
7941	XI2.19152.1.S1_at	tchp	trichoplein, keratin filament binding	NM_001089051	0.0333082	2.23486
11103	XI2.24163.1.S1_at	MGC85335	hcp beta-lactamase-like protein	NM_001093824	0.0319638	2.23458
1972	XI2.12333.1.A1_at	---	---	---	0.000102949	2.2337
11673	XI2.24812.1.S1_at	arl6	ADP-ribosylation factor-like 6	NM_001094062	0.0345209	2.22841
30567	XI2.7579.1.S1_at	wdr67	WD repeat domain 67	NM_001093396	0.0113919	2.22783
17386	XI2.4120.2.S1_a_at	dnal4	dynein, axonemal, light chain 4	NM_001093995	0.00231503	2.22042
7620	XI2.18703.1.A1_at	MGC154843	Hypothetical protein MGC154843	NM_001096935	0.0391493	2.21187
1074	XI2.1113.1.S1_at	kif3b	kinesin family member 3B	NM_001088020	0.0276089	2.20043
29717	XI2.6590.1.S1_at	LOC10003723	hypothetical protein LOC100037235	NM_001097912	0.00920296	2.19894

6274	XI2.17143.1.S1_at	---	---	---	0.0089113	2.18829
6377	XI2.17266.2.A1_at	---	---	---	0.00841135	2.18265
8884	XI2.2054.1.A1_at	---	---	---	0.0106908	2.16114
24527	XI2.52635.1.S1_at	---	---	---	0.00854027	2.15795
30764	XI2.7809.1.S2_at	MGC81892	MGC81892 protein	NM_001092597	0.0339836	2.15462
31418	XI2.8721.1.S1_at	rcbtb2	RCC1 and BTB (POZ) domains	NM_001086844	0.00931234	2.14114
11111	XI2.24168.1.A1_at	---	---	---	0.0203624	2.12876
13702	XI2.29662.1.S1_at	---	---	---	0.0329403	2.12831
19502	XI2.47125.1.S1_at	errfi1	ERBB receptor feedback inhibitor 1	NM_001091771	0.0294676	2.11269
25414	XI2.53449.1.S1_at	wdr34	WD repeat domain 34	NM_001096232	0.0274141	2.10862
5621	XI2.16223.1.A1_at	ift57	intraflagellar transport 57 homolog	NM_001114796	0.0194608	2.10321
5975	XI2.16582.1.S1_at	---	---	---	0.030678	2.09625
5436	XI2.16013.1.A1_at	---	---	---	0.0145745	2.08741
28029	XI2.56196.1.A1_at	---	---	---	0.0117468	2.08111
32375	XI2.9867.1.A1_at	---	---	---	0.0488131	2.07855
6045	XI2.16666.1.A1_at	---	---	---	0.0457041	2.07711
14036	XI2.305.1.S1_at	myb	v-myb homolog	NM_001088299	0.0435306	2.07081
29658	XI2.6525.1.S1_at	---	---	---	0.0158054	2.06949
1194	XI2.11297.1.A1_at	---	---	---	0.017806	2.06285
15250	XI2.33183.3.A1_s_at	---	---	---	0.0155167	2.05867
25931	XI2.53938.1.A1_at	---	---	---	0.030971	2.05002
32437	XI2.9932.1.A1_at	c11orf60	chromosome 11 open reading frame 60	NM_001096924	0.0173787	2.03775
7317	XI2.18370.1.A1_at	---	---	---	0.0148488	2.03217
24165	XI2.52274.1.S1_at	---	---	---	0.00172095	2.02964
3963	XI2.14485.1.A1_at	---	---	---	0.00191374	2.02738
12280	XI2.25699.1.S1_at	galnt4	gaint4	NM_001091569	0.0354504	2.02559
24732	XI2.52847.1.A1_at	heatr2	HEAT repeat containing 2	NM_001097038	0.0347046	2.02313
26838	XI2.55004.1.A1_at	---	---	---	0.0244319	2.01727
24553	XI2.52662.1.S1_at	---	---	---	0.0392931	2.01516
29634	XI2.6491.1.S1_at	---	---	---	0.00472834	2.01233
3972	XI2.14491.1.A1_at	---	---	---	0.00451896	2.0096
14271	XI2.3143.2.S1_at	---	---	---	0.00175328	1.99707
19511	XI2.47133.1.S1_at	c14orf102	chromosome 14 open reading frame 102	NM_001091502	0.0401611	1.99699
9001	XI2.2079.1.S1_at	b3gnt7	B3Pht7	NM_001092198	0.0257549	1.99534
10267	XI2.23066.1.S1_at	meis3-b	Meis homeobox 3	NM_001086063	0.0267127	1.99137
28752	XI2.56882.1.S1_at	---	---	---	0.0262125	1.99005
11182	XI2.24254.1.A1_at	---	---	---	0.0288217	1.98353
29744	XI2.662.1.S2_x_at	rbm24	RNA binding motif protein 24	NM_001087526	0.0265437	1.97066
13073	XI2.2800.1.A1_at	---	---	---	0.0258051	1.95616
31677	XI2.9041.1.A1_at	---	---	---	0.0128973	1.94691
20600	XI2.48328.1.S1_at	tuba4b	tubulin, alpha 4b	NM_001094468	0.0368511	1.94411
22399	XI2.50631.1.S1_at	---	---	---	0.0364518	1.93834
20144	XI2.47781.1.A1_at	---	---	---	0.00292148	1.93813
19124	XI2.46776.1.S1_at	iqcb1	IQ motif containing B1	NM_001091181	0.0213398	1.93214
30417	XI2.7406.1.S1_at	cep97	centrosomal protein 97kDa	NM_001092201	0.0314793	1.92438
18269	XI2.4467.1.S1_at	---	---	---	0.0285431	1.92396
27949	XI2.56109.1.S1_at	---	---	---	0.0349619	1.9182
8209	XI2.19456.1.S1_at	MGC82290	hypothetical protein MGC82290	NM_001091777	0.0265272	1.90076
664	XI2.10624.1.S1_at	---	---	---	0.0365515	1.89508
3969	XI2.14489.3.A1_at	---	---	---	0.0240822	1.8944
12098	XI2.25454.1.S1_at	---	---	---	0.00622262	1.89214
10329	XI2.23201.1.A1_x_at	---	---	---	0.0139609	1.89201
9346	XI2.2148.2.A1_a_at	---	---	---	0.0275141	1.88282
18391	XI2.44987.2.A1_x_at	---	---	---	0.00898882	1.86913
6550	XI2.17481.1.S1_at	mthfd2	methylene tetrahydrofolate dehydrogenase	NM_001093337	0.0297963	1.86772

1394	XI2.11505.1.S1_at	arl2	ADP-ribosylation factor-like 2	NM_001095515	0.0217797	1.85352
5340	XI2.15912.1.A1_s_at	phospho2	phosphatase, orphan 2	NM_001096935	0.0227095	1.85235
23414	XI2.51583.2.A1_at	---	---	---	0.0497085	1.84881
19757	XI2.47404.1.S1_at	epas1	endothelial PAS domain protein 1	NM_001092249	0.0154864	1.84622
7741	XI2.18887.1.A1_at	---	---	---	0.0388404	1.82875
8307	XI2.19559.1.S1_at	ccdc15	coiled-coil domain containing 15	NM_001096685	0.0409453	1.82843
19295	XI2.46928.2.A1_x_at	---	---	---	0.0170737	1.82368
3522	XI2.13994.1.A1_at	---	---	---	0.0431144	1.82149
3362	XI2.1383.1.A1_at	---	---	---	0.00263598	1.82146
29738	XI2.6615.1.S1_at	ddit4	DNA-damage-inducible transcript 4	NM_001086322	0.0235549	1.82062
1727	XI2.1205.1.S1_a_at	h1f0	H1 histone family, member 0	NM_001089228	0.00778518	1.80628
23052	XI2.51209.1.A1_at	---	---	---	0.0306849	1.79328
7825	XI2.18997.1.S1_at	nek4	NIMA -related kinase 4	NM_001091106	0.0107314	1.79317
4821	XI2.15408.1.A1_at	---	---	---	0.0126523	1.79146
22461	XI2.50686.1.S1_at	---	---	---	0.0013887	1.77904
26115	XI2.54115.1.S1_at	---	---	---	0.0147367	1.77528
20769	XI2.48479.1.S1_at	c11orf65	chromosome 11 open reading frame 65	NM_001095354	0.0388083	1.77206
25191	XI2.53251.1.S1_at	ccdc138	coiled-coil domain containing 138	NM_001095943	0.00465655	1.76848
5205	XI2.15781.1.S1_at	tbc1d16	TBC1 domain family, member 16	NM_001086481	0.00565177	1.76003
918	XI2.10911.1.A1_at	LOC100037203	hypothetical protein LOC100037203	NM_001113429	0.040114	1.75175
4635	XI2.15201.1.A1_at	---	---	---	0.0372432	1.75048
17871	XI2.4275.1.S2_at	nek2	NIMA -related kinase 2	NM_001086021	0.0434318	1.74738
22418	XI2.50648.1.A1_x_at	was	Wiskott-Aldrich syndrome	NM_001097903	0.0276232	1.73722
8147	XI2.19380.2.S1_at	nsun7	NOP2/Sun domain family, member 7	NM_001127753	0.0441174	1.73293
7079	XI2.18090.1.S1_at	pcif1	PDX1 C-terminal inhibiting factor 1	NM_001095735	0.0264631	1.72267
2051	XI2.1242.1.S1_at	arg1	arginase, liver	NM_001086948	0.00857889	1.72183
25433	XI2.53466.1.S1_at	---	---	---	0.00523573	1.72174
31853	XI2.925.1.S1_at	pcm1	pericentriolar material 1	NM_001087900	0.0173649	1.71938
11458	XI2.24570.1.A1_at	---	---	---	0.013027	1.71278
21928	XI2.50157.1.S1_at	---	---	---	0.0214899	1.7127
9800	XI2.21947.1.A1_x_at	mycn	v-myc	NM_001171989	0.0412758	1.7111
17875	XI2.4276.1.S1_at	LOC397885	cyclin A1	NM_001088046	0.0174732	1.70957
3468	XI2.13942.2.S1_at	---	---	---	0.0376487	1.70815
6379	XI2.17269.1.A1_at	---	---	---	0.00971978	1.70356
29064	XI2.5764.1.S2_at	slc7a7	solute carrier family 7	NM_001091766	0.0177278	1.69979
28389	XI2.56540.1.S1_at	atp2c2	ATPase, Ca ⁺⁺ transporting	NM_001096502	0.0409726	1.6832
15864	XI2.34138.1.A1_at	---	---	---	0.00708136	1.68083
5341	XI2.15912.2.S1_s_at	phospho2	phosphatase, orphan 2	NM_001096935	0.0407664	1.67682
18725	XI2.45827.1.S1_at	---	---	---	0.0159166	1.66866
18319	XI2.4480.1.S1_at	dcp1b	DCP1 decapping enzyme homolog B	NM_001093497	0.0177252	1.66322
32123	XI2.9562.1.S1_at	ppp2r3c	protein phosphatase 2 (formerly 2A)	NM_001089820	0.0062348	1.66201
16059	XI2.34505.1.S1_at	fut3	fucosyltransferase 3	NM_001090197	0.0235245	1.65891
32317	XI2.9793.1.A1_at	---	---	---	0.00316687	1.65568
16087	XI2.34567.1.A1_a_at	---	---	---	0.0124017	1.65381
5628	XI2.16229.1.S1_at	LOC494771	Hypothetical LOC494771	---	0.0269948	1.6509
5673	XI2.16274.1.S1_at	gpatch3	G patch domain containing 3	NM_001093138	0.0240904	1.63978
16208	XI2.3473.1.S1_at	---	---	---	0.0142967	1.63357
6647	XI2.17591.2.A1_at	arl16	ADP-ribosylation factor-like 16	---	0.0392404	1.62952
3364	XI2.13831.1.S1_at	---	---	---	0.0339391	1.62773
11045	XI2.24108.1.A1_at	---	---	---	0.00287481	1.62688
31790	XI2.9175.1.S1_at	---	---	---	0.0423111	1.62518
20851	XI2.48549.1.S1_at	---	---	---	0.0118618	1.61644
9113	XI2.21133.1.S1_at	ugcg	UDP-glucose ceramide glucosyltransferase	NM_001095097	0.0100388	1.61558
12036	XI2.25380.1.S1_at	---	---	---	0.00337591	1.61547

7369	XI2.18427.1.A1_at	---	---	---	0.0402823	1.6121
22544	XI2.50793.1.S1_at	---	---	---	0.0169277	1.60747
6412	XI2.17300.1.A1_at	---	---	---	0.0482853	1.60007
21979	XI2.50219.1.S1_at	zfand2b	zinc finger, AN1-type domain 2B	NM_001095372	0.047597	1.59731
12759	XI2.26415.1.S1_at	tepp	testis, prostate and placenta expressed	NM_001172203	0.0354614	1.5949
25258	XI2.5330.2.S1_at	---	---	---	0.0379947	1.59298
23454	XI2.51615.1.S1_a_at	---	---	---	0.0178873	1.59134
26846	XI2.55012.1.A1_at	---	---	---	0.0325429	1.59117
7088	XI2.18107.1.A1_at	---	---	---	0.0175705	1.58121
3112	XI2.13570.1.S1_at	---	---	---	0.00422703	1.57819
28751	XI2.56882.1.S1_a_at	---	---	---	0.00746597	1.5738
1512	XI2.11681.1.S1_at	elrA	Ribonucleoprotein	NM_001090609	0.0205581	1.57217
12662	XI2.2630.1.S1_at	tmem110.2	transmembrane protein 110	NM_001094770	0.00447563	1.57052
3504	XI2.13979.1.A1_at	---	---	---	0.0330068	1.56415
30145	XI2.7087.1.S1_at	aida-a	axin interactor, dorsalization associated	NM_001089723	0.0218335	1.55971
25764	XI2.53796.1.S2_at	cldn4	claudin 4	NM_001096114	0.0460746	1.5591
5622	XI2.16223.2.S1_at	ift57	intraflagellar transport 57 homolog	NM_001114796	0.00952381	1.55499
23971	XI2.52119.1.S1_a_at	---	---	---	0.00350505	1.54619
1063	XI2.11115.1.S1_at	MGC68847	hypothetical protein MGC68847	NM_001086472	0.0311481	1.54224
7061	XI2.18065.1.S1_at	---	---	---	0.0113684	1.5326
9221	XI2.21337.1.S1_at	---	---	---	0.036548	1.52975
4449	XI2.15013.1.A1_at	---	---	---	0.00267869	1.52845
24022	XI2.52154.1.A1_at	---	---	---	0.0495246	1.5273
22844	XI2.51044.2.S1_s_at	---	---	---	0.0383234	1.51891
27234	XI2.55425.1.S1_at	MGC131023	hypothetical protein MGC131023	NM_001096390	0.000994242	1.51833
32332	XI2.9817.1.A1_at	---	---	---	0.00338675	1.51399
25840	XI2.5387.1.A1_at	---	---	---	0.0081053	1.51006
14644	XI2.32266.1.A1_at	---	---	---	0.035937	1.50832
5844	XI2.16443.1.A1_at	---	---	---	6.95E-05	1.49994
26549	XI2.54741.1.A1_at	---	---	---	0.0126945	1.49645
12683	XI2.26329.1.S1_at	fam98a	family with sequence similarity 98A	NM_001093909	0.0187014	1.4934
24378	XI2.52489.1.S1_at	---	---	---	0.00272243	1.49274
16844	XI2.3804.1.S1_at	rab25	RAB25, member RAS oncogene family	NM_001092754	0.0304989	1.48845
3411	XI2.13889.1.A1_at	---	---	---	0.0133434	1.48365
6292	XI2.17162.1.S1_at	nbr1	neighbor of BRCA1 gene 1	NM_001086498	0.0402227	1.48075
19197	XI2.46835.1.A1_at	---	---	---	0.0169528	1.48044
500	XI2.10421.1.A1_at	---	---	---	0.00842378	1.47988
21987	XI2.50228.1.S1_at	LOC733401	Hypothetical protein LOC733401	---	0.0158585	1.47945
4939	XI2.15526.1.S1_at	MGC131013	hypothetical protein MGC131013	NM_001096386	0.0457184	1.47814
24919	XI2.53011.1.S1_at	---	---	---	0.000316716	1.4764
14192	XI2.31053.1.A1_at	---	---	---	0.0184217	1.47255
30033	XI2.6970.1.S1_at	ndufa8	NADH dehydrogenase (ubiquinone)	NM_001096329	0.0143902	1.47058
2229	XI2.12619.1.A1_at	---	---	---	0.0403782	1.46317
16580	XI2.3583.1.A1_at	---	---	---	0.0457662	1.46256
21056	XI2.48756.1.S1_at	parp11	poly (ADP-ribose) polymerase family	NM_001095214	0.000349853	1.46207
4278	XI2.14815.1.S1_a_at	ptpn4	protein tyrosine phosphatase	NM_001091402	0.0378902	1.45756
23535	XI2.517.1.S1_at	rnd1	Rho family GTPase 1	NM_001086916	0.0147073	1.4552
27147	XI2.55325.1.A1_at	---	---	---	0.0394861	1.45049
18566	XI2.45447.1.S1_at	cab39l	calcium binding protein 39-like	NM_001089927	0.0229577	1.45041
31622	XI2.8984.1.A1_at	---	---	---	0.0336592	1.44805
13968	XI2.30259.1.S1_at	ccng2	cyclin G2	NM_001091414	0.0214231	1.44637
2738	XI2.13148.1.S1_x_at	hmgcs1	hmgcs1	NM_001086930	0.00976006	1.43756
6068	XI2.16687.1.S1_at	---	---	---	0.0441968	1.43747
9185	XI2.21276.1.S1_at	---	---	---	0.0116984	1.43607
4816	XI2.15405.1.S1_at	c2orf7	chromosome 2 open reading frame 7	---	0.0261782	1.43474

11252	XI2.24341.1.S1_at	---	---	---	0.0342072	1.43362
8657	XI2.1998.1.S1_at	ebi3	Epstein-Barr virus induced 3	---	0.00246739	1.43201
26495	XI2.54541.1.S1_at	---	---	---	0.0432921	1.42582
8489	XI2.19794.1.S1_at	rab37	RAB37, member RAS oncogene family	---	0.0127193	1.4256
28896	XI2.57009.2.S1_at	---	---	---	0.00859164	1.42128
20608	XI2.48334.1.S1_at	pibf1	progesterone binding factor 1	NM_001093473	0.0378279	1.41931
12411	XI2.25898.1.S1_at	sdccag3	serologically defined colon cancer antigen 3	---	0.00433402	1.41424
28489	XI2.56626.1.S1_at	ndufab1	NADH dehydrogenase (ubiquinone)	NM_001096333	0.0342459	1.41228
24348	XI2.52459.1.S1_at	---	---	---	0.0264144	1.41128
13460	XI2.29269.1.S1_at	MGC81138	hypothetical protein MGC81138	NM_001091403	0.0118032	1.41031
21449	XI2.4918.1.A1_at	---	---	---	0.0245228	1.40707
22120	XI2.50372.1.S1_at	MGC84453	MGC84453 protein	NM_001094299	0.017179	1.40535
2777	XI2.13193.1.S1_at	---	---	---	0.0102991	1.40414
32107	XI2.9547.1.S1_at	tmem106c	transmembrane protein 106C	NM_001086160	0.0338772	1.40168
454	XI2.10367.2.S1_a_at	txndc9	thioredoxin domain containing 9	NM_001087441	0.0268988	1.39978
21931	XI2.5016.1.A1_at	---	---	---	0.00543603	1.39812
16115	XI2.34606.1.S1_at	tuba8	tubulin, alpha 8	NM_001096986	0.0165895	1.3974
19942	XI2.47576.1.S1_at	fbxo8	F-box protein 8	NM_001092821	0.0311321	1.39414
12358	XI2.25809.1.S1_at	frs1	ferric-chelate reductase 1	NM_001091659	0.000364582	1.39146
10058	XI2.22525.1.S1_at	---	---	---	0.0418729	1.38841
21642	XI2.49701.1.S1_s_at	LOC733253	Hypothetical protein LOC733253	---	0.0435899	1.37984
15957	XI2.34369.1.S1_at	LOC432287	hypothetical protein LOC432287	---	0.0111182	1.37778
4072	XI2.14597.2.A1_at	---	---	---	0.0119299	1.37722
5160	XI2.1573.1.S1_at	sfrs3	splicing factor, arginine serine-rich 3	NM_001086991	0.0201116	1.37203
30707	XI2.7735.1.A1_at	---	---	---	0.0147425	1.37147
4136	XI2.14658.2.S1_at	---	---	---	0.038711	1.36729
5039	XI2.15619.1.S1_at	MGC81201	hypothetical protein MGC81201	NM_001091115	0.0284168	1.36587
7795	XI2.18948.1.A1_at	---	---	---	0.0174907	1.36467
2913	XI2.13357.1.A1_at	---	---	---	0.0155035	1.36409
9242	XI2.21384.1.S1_at	cat1	calcium transporter 1	NM_001088867	0.0177117	1.36341
6380	XI2.17269.2.S1_at	---	---	---	0.0457899	1.35072
20858	XI2.48555.1.A1_at	---	---	---	0.0337596	1.34879
24992	XI2.53075.1.S1_at	---	---	---	0.0139442	1.34822
29593	XI2.6440.1.S1_at	phc2	polyhomeotic homolog 2	NM_001096010	0.0377609	1.34686
29806	XI2.6698.1.S1_at	---	---	---	0.0415166	1.34347
7392	XI2.18450.1.S1_at	wdr37	WD repeat domain 37	NM_001093426	0.0229857	1.34183
16450	XI2.3518.1.A1_at	---	---	---	0.0109055	1.33463
8759	XI2.20118.1.S1_at	---	---	---	0.0282849	1.33387
7520	XI2.18607.1.S1_at	tbpl2	TATA box binding protein like 2	NM_001087452	0.0310028	1.33118
14089	XI2.3069.1.A1_at	---	---	---	0.041939	1.33074
7514	XI2.1860.1.A1_at	---	---	---	0.0263271	1.33007
6088	XI2.16708.2.S1_at	---	---	---	0.0444879	1.32757
9169	XI2.2125.1.S1_at	dbia	diazepam binding inhibitor (dbi) a	NM_001092478	0.0129649	1.32687
12691	XI2.26342.1.S1_at	gsr	glutathione reductase	NM_001095853	0.0166614	1.32639
28760	XI2.56890.1.S1_at	---	---	---	0.00386361	1.32559
7845	XI2.19015.1.A1_at	---	---	---	0.00132632	1.32363
16457	XI2.35201.1.S1_at	---	---	---	0.0436287	1.32251
3946	XI2.14454.1.A1_at	---	---	---	0.0145266	1.32054
16639	XI2.36445.1.S1_at	---	---	---	0.00704493	1.31368
962	XI2.10958.1.A1_at	---	---	---	0.0404025	1.31212
5119	XI2.15698.1.A1_at	---	---	---	0.0434316	1.31122
17475	XI2.4144.1.A1_at	---	---	---	0.00122851	1.31102
18273	XI2.44683.2.S1_at	---	---	---	0.0477823	1.30812
14740	XI2.32386.1.A1_at	---	---	---	0.0291253	1.30793

21896	XI2.50126.1.S1_at	LOC495967	hypothetical LOC495967	NM_001095234	0.0401229	1.30362
29927	XI2.6850.1.A1_at	---	---	---	0.011087	1.30059
32160	XI2.9617.1.A1_at	---	---	---	0.00886959	1.30018
14541	XI2.32146.1.S1_at	MGC81773	MGC81773 protein	NM_001093298	0.0367713	1.29752
16706	XI2.37003.1.S1_at	necap1	NECAP endocytosis associated 1	NM_001092025	0.0270955	1.29698
6140	XI2.16777.1.A1_a_at	---	---	---	0.0132112	1.29661
21312	XI2.49031.1.S1_at	nsdhl	NAD(P) dependent steroid dehydrogenase	NM_001095421	0.0127558	1.29451
29688	XI2.6557.1.S1_at	atp1b1	ATPase, Na+/K+ transporting	NM_001086759	0.0453075	1.29407
28250	XI2.56409.2.A1_at	---	---	---	0.0188269	1.2933
27574	XI2.55749.1.A1_at	---	---	---	0.016579	1.29129
2664	XI2.13063.1.S1_at	anks3	ankyrin repeat and sterile alpha motif	NM_001091170	0.0303508	1.29043
25883	XI2.53904.1.A1_s_at	LOC733261	hypothetical protein LOC733261	NM_001099861	0.0496631	1.29015
18188	XI2.44203.1.S1_a_at	luc7l3	LUC7-like 3	NM_001096916	0.0482926	1.28914
9347	XI2.2148.3.S1_at	---	---	---	0.0168607	1.28599
5377	XI2.15954.1.S1_at	---	---	---	0.0407988	1.28535
1181	XI2.11282.2.S1_at	---	---	---	0.0456687	1.28468
13102	XI2.2824.1.S1_at	---	---	---	0.00521253	1.28434
31889	XI2.9285.1.A1_at	---	---	---	0.0486068	1.28371
792	XI2.10784.1.A1_at	---	---	---	0.00978073	1.28307
20671	XI2.48395.1.S1_at	cdkn2d	p19, inhibits CDK4	NM_001093415	0.0406928	1.28166
18501	XI2.45292.1.S1_at	cisd1a	CDGSH iron sulfur domain 1 a	NM_001094218	0.0154703	1.27731
25956	XI2.53955.1.S1_at	MGC116491	hypothetical protein MGC116491	NM_001096155	0.00396558	1.27492
19553	XI2.47170.1.S1_at	slc7a4	solute carrier family 7	NM_001091323	0.03185	1.2733
225	XI2.10068.2.S1_at	---	---	---	0.0342503	1.27154
7737	XI2.18883.1.A1_at	---	---	---	0.0119723	1.27104
11171	XI2.24238.1.A1_at	---	---	---	0.0435839	1.27001
4178	XI2.14709.1.A1_at	LOC100037124	hypothetical protein LOC100037124	---	0.016482	1.2687
18089	XI2.4351.1.S1_at	LOC733432	hypothetical protein LOC733432	---	0.0302682	1.26524
8825	XI2.2037.1.S1_at	---	---	---	0.0076415	1.2635
20484	XI2.48214.1.S1_at	pxk	PX domain containing kinase	NM_001096762	0.0396156	1.25767
18938	XI2.46429.2.S1_at	---	---	---	0.0284683	1.25546
21196	XI2.48890.1.S1_at	rpe65	retinal pigment epithelium-specific protein	NM_001094320	0.0211928	1.25397
24039	XI2.52168.3.A1_at	---	---	---	0.0294352	1.25335
3348	XI2.13807.1.A1_at	---	---	---	0.0200973	1.25314
30932	XI2.801.1.A1_at	goosecoid	goosecoid protein	---	0.00665542	1.25017
10417	XI2.23386.1.S1_at	---	---	---	0.00778662	1.24919
4907	XI2.15490.3.A1_at	---	---	---	0.0436468	1.24896
17147	XI2.4028.1.S1_at	---	---	---	0.0384269	1.24674
15478	XI2.33675.1.S1_at	rabepk	Rab9 effector protein with kelch motifs	NM_001093901	0.0154992	1.24288
29127	XI2.5866.1.S1_at	edf1	endothelial differentiation-related factor	NM_001092165	0.026594	1.24284
32079	XI2.9514.1.S1_at	---	---	---	0.00177958	1.24257
3350	XI2.1381.1.A1_at	---	---	---	0.00190368	1.24256
31436	XI2.876.1.S1_at	lyn	v-yes-1	NM_001085646	0.0384166	1.2402
13512	XI2.29353.2.S1_at	---	---	---	0.0411088	1.24017
17694	XI2.42186.1.S1_at	---	---	---	0.0281397	1.23945
32016	XI2.9424.1.A1_at	---	---	---	0.0426276	1.23943
1689	XI2.12006.1.A1_at	XSu(H)1	Suppressor of hairless protein 1	NM_001090878	0.0218998	1.23838
32548	XI2Affx.145.1.S1_at	MGC154801	hypothetical protein MGC154801	NM_001096926	0.0100067	1.23783
31348	XI2.8594.1.S1_s_at	MGC78985 /// ncs1	neuronal calcium sensor 1	NM_001090619 /// NM_001091667	0.0291083	1.23736
23918	XI2.52075.1.A1_at	---	---	---	0.0289582	1.23731
21797	XI2.49929.1.S1_at	atf6	activating transcription factor 6	NM_001095322	0.00465506	1.23634
30078	XI2.7020.1.S1_at	plk4	polo-like kinase 4	NM_001089677	0.0414889	1.2354
30865	XI2.7919.1.S1_at	MGC81684	MGC81684 protein	NM_001094170	0.0375208	1.2345
30772	XI2.7817.1.S2_at	xcen	centrin	NM_001087929	0.0110742	1.23392

32428	XI2.9924.1.A1_at	---	---	---	0.00535755	1.23205
12833	XI2.26519.1.A1_at	LOC398637	hypothetical protein LOC398637	---	0.0435407	1.23137
27903	XI2.56061.1.A1_at	---	---	---	0.0491744	1.22939
6945	XI2.17932.1.A1_at	---	---	---	0.0137395	1.22718
8396	XI2.19661.1.A1_at	---	---	---	0.027	1.22446
24086	XI2.52203.1.S1_at	edf1	endothelial differentiation-related factor 1	NM_001096291	0.045238	1.22422
9606	XI2.21651.1.S1_at	dnah9	dynein, axonemal, heavy chain 9	---	0.0127011	1.22111
6730	XI2.17688.1.A1_at	---	---	---	0.00243883	1.22069
15629	XI2.3386.1.S1_at	galnt6	Gaint6	NM_001174036	0.0429413	1.22065
29317	XI2.6101.1.A1_at	ap1b1	adaptor-related protein complex 1	NM_001097136	0.0496939	1.21829
19358	XI2.46989.1.S1_x_at	polr2f	Polymerase (RNA) II	NM_001095163	0.0202455	1.2163
25913	XI2.53925.1.S1_at	rbp2	retinol binding protein 2, cellular	---	0.00133284	1.21625
7036	XI2.18039.2.A1_at	LOC100126628	Hypothetical protein LOC100126628	NM_001110735	0.0470168	1.21484
8947	XI2.20638.1.A1_at	---	---	---	0.0498908	1.21328
12477	XI2.26001.1.S1_at	cpb1	carboxypeptidase B1 (tissue)	NM_001095031	0.034082	1.21304
6410	XI2.173.1.S1_at	nefm	neurofilament, medium polypeptide	NM_001088210	0.00307187	1.20828
4159	XI2.14686.1.S1_at	---	---	---	0.0295391	1.20739
10258	XI2.23035.3.A1_x_at	---	---	---	0.0430491	1.20725
32055	XI2.9483.1.A1_at	---	---	---	0.00926604	1.2069
32425	XI2.9922.2.A1_at	---	---	---	0.00418007	1.20606
22818	XI2.51021.2.S1_a_at	---	---	---	0.00867573	-1.50125
1919	XI2.12267.1.S1_at	sh3bp4	SH3-domain binding protein 4	NM_001091211	0.0375002	-1.50246
31971	XI2.9367.1.A1_at	---	---	---	0.000436022	-1.50695
25644	XI2.53675.1.S1_at	---	---	---	0.0368767	-1.50751
29476	XI2.6315.2.S1_at	c1orf124	chromosome 1 open reading frame 124	---	0.0208963	-1.50794
708	XI2.10681.1.A1_at	---	---	---	0.0109568	-1.50827
27152	XI2.55330.1.S1_at	---	---	---	0.0334487	-1.50921
22299	XI2.50544.1.S1_at	---	---	---	0.0205217	-1.5168
5746	XI2.16344.3.S1_a_at	---	---	---	0.0304854	-1.51979
22231	XI2.50484.1.A1_at	---	---	---	0.0464604	-1.52187
16516	XI2.35366.2.S1_at	---	---	---	0.0133418	-1.52226
11386	XI2.24487.1.S1_at	a2ld1	ALG2-like domain 1	NM_001093833	0.0112459	-1.52841
24474	XI2.52580.1.S1_at	---	---	---	0.0166239	-1.52868
27608	XI2.55778.1.S1_at	---	---	---	0.0414589	-1.53771
25916	XI2.53928.1.S1_at	MGC116527	hypothetical protein MGC116527	NM_001096165	0.0360195	-1.5415
20100	XI2.47734.2.S1_at	---	---	---	0.00910342	-1.54214
20361	XI2.48044.2.S1_at	---	---	---	0.002331	-1.54331
17844	XI2.42644.1.S1_at	---	---	---	0.0224784	-1.54358
23436	XI2.51600.1.S1_at	---	---	---	0.0207494	-1.55088
29794	XI2.6681.1.S1_at	limd2	LIM domain containing 2	NM_001092306	0.0151645	-1.55538
2694	XI2.13093.2.A1_at	---	---	---	0.0469415	-1.5602
24851	XI2.52945.1.S1_at	---	---	---	0.0052777	-1.56977
13300	XI2.28980.2.S1_at	---	---	---	0.0306863	-1.5712
10131	XI2.22706.2.S1_at	---	---	---	0.0469541	-1.57335
25781	XI2.53808.1.A1_a_at	---	---	---	0.032757	-1.57592
5931	XI2.16538.1.S1_at	sdca4-b	syndecan-4.2	NM_001095708	0.0165505	-1.57716
14225	XI2.31166.1.S1_s_at	zmym2	zinc finger, MYM-type 2	NM_001093084	0.0201738	-1.5789
18866	XI2.46208.1.S1_at	MGC81667	MGC81667 protein	NM_001094380	0.0179483	-1.59322
10875	XI2.23934.1.S1_at	gins1	GINS complex subunit 1 (Psf1 homolog)	NM_001092033	0.0115396	-1.59632
4496	XI2.15066.2.S1_at	---	---	---	0.0262745	-1.59637
30173	XI2.712.1.S1_at	mcm10	MCM 10	NM_001088578	0.00264608	-1.60001
30200	XI2.7149.1.S1_at	mcm6.2	MCM 6	NM_001137567	0.0121643	-1.60182

12106	XI2.2547.2.S1_a_at	dhcr7	7-dehydrocholesterol reductase	NM_001086117	0.0316756	-1.6026
17518	XI2.416.1.S1_at	foxd1	forkhead box G1	NM_001085696	0.00654142	-1.61262
14059	XI2.30590.1.S1_a_at	---	---	---	0.0223421	-1.61931
27760	XI2.55926.1.S1_at	brd3	bromodomain containing 3	NM_001097126	0.0459135	-1.62783
1075	XI2.11130.1.S1_at	---	---	---	0.0184182	-1.63502
15178	XI2.33054.1.S1_at	znf367	zinc finger protein 367	NM_001091893	0.0266614	-1.64549
22213	XI2.50465.1.S1_s_at	vrk3	vaccinia related kinase 3	NM_001092778	0.0162923	-1.65683
284	XI2.1014.1.S1_at	mcm4-b	MCM 4	NM_001087979	0.0303446	-1.65723
31276	XI2.846.1.S1_at	ppard	PPAR delta	NM_001087841	0.0188613	-1.66801
7948	XI2.19158.2.S1_at	---	---	---	0.00102407	-1.67925
5925	XI2.16521.2.S1_at	---	---	---	0.040037	-1.67985
5126	XI2.15703.2.A1_a_at	glipr2	GLI pathogenesis-related 2	NM_001095072	0.0374829	-1.68464
27441	XI2.55622.1.S1_s_at	---	---	---	0.0471837	-1.68469
26575	XI2.54761.1.A1_s_at	c9orf167 /// MGC131104	torsin family protein C9orf167 homolog B	NM_001096262 /// NM_001096879	0.0220291	-1.68574
28278	XI2.56432.1.S1_at	LOC10003685 3	hypothetical protein LOC100036853	NM_001097140	0.0422771	-1.70019
11172	XI2.2424.1.S1_at	---	---	---	0.0218639	-1.70308
24415	XI2.52527.1.S1_at	---	---	---	0.0494173	-1.71352
18152	XI2.440.1.S1_s_at	fen1 /// LOC398125	5' nuclease xFEN1a	NM_001087491 /// NM_001088458	0.000602365	-1.73302
28799	XI2.56932.1.S1_at	junb	jun B proto-oncogene	NM_001097035	0.0141889	-1.75099
18231	XI2.44502.1.S1_at	---	---	---	0.0491934	-1.75766
18868	XI2.4621.1.S1_at	rhov	ras homolog gene family, member U	NM_001094470	0.0151961	-1.75811
2912	XI2.13354.2.S1_at	---	---	---	0.0304305	-1.77654
498	XI2.1042.1.S1_at	gli4	neural specific DNA binding protein	NM_001087973	0.00873454	-1.78129
13964	XI2.3023.1.S1_at	---	---	---	0.00745263	-1.78801
1196	XI2.1130.1.S1_at	---	---	---	0.0373393	-1.82273
31361	XI2.862.1.S1_at	dio3	deiodinase, iodothyronine, type 3	NM_001087863	0.019542	-1.83475
25116	XI2.53187.1.S1_at	---	---	---	0.0400441	-1.8378
23007	XI2.51179.2.A1_at	---	---	---	0.0248996	-1.85336
1739	XI2.12067.1.S1_at	hes3.3	hairy and enhancer of split 3, gene 3	NM_001088694	0.0290658	-1.87076
24921	XI2.53013.1.S1_at	---	---	---	0.0499449	-1.87857
5740	XI2.16337.3.A1_at	---	---	---	0.0401156	-1.87962
12973	XI2.27263.2.S1_s_at	MGC154351	hypothetical protein MGC154351	NM_001096843	0.0103019	-1.88691
573	XI2.10520.1.A1_at	LOC10003685 3	hypothetical protein LOC100036853	NM_001097140	0.0491696	-1.92889
10525	XI2.23567.1.A1_at	---	---	---	0.0427204	-1.94984
24807	XI2.52902.1.S1_at	rexo1	REX1, RNA exonuclease 1 homolog	---	0.0162721	-1.98855
32368	XI2.986.1.S1_at	tnrc4-a	CUGBP, Elav-like family member 3	NM_001086467	0.0492043	-2.02296
22691	XI2.50915.1.S1_at	---	---	---	0.00307993	-2.0709
16143	XI2.34648.1.S1_x_at	tuft1	tuffelin 1	---	0.00089525	-2.10014
21994	XI2.50236.1.A1_at	---	---	---	0.0379761	-2.1298
8336	XI2.19593.2.S1_at	MGC81231	Hypothetical protein MGC81231	NM_001091214	0.0254217	-2.14907
18383	XI2.44964.1.S1_at	dnajc9	DnaJ (Hsp40) homolog	NM_001095806	0.0490705	-2.19815
29486	XI2.633.1.S1_a_at	fzd7	frizzled homolog 7	NM_001085885	0.0115354	-2.27646
29487	XI2.633.1.S1_at	fzd7	frizzled homolog 7	NM_001085885	0.0190327	-2.43181

Table 2 Legend: Embryos were injected at the two-cell stage with *ICDRNA* or with both *MCI-HGR* and *ICD* RNA. At stage 10, animal caps were dissected, incubated until the equivalent of stage 11.5, treated with DEX, and then harvested 5 hours later for total RNA. Two independent experiments produced two sets of RNAs for each condition that were analyzed by hybridization to Affymetrix arrays as described in the Material and Methods. Hybridization results can be found in the GEO repository GSE32452, and analyzed above by pairwise comparison, where fold changes greater than 1.2 fold are shown, with a p value < 0.01.