

Supplementary Table 3.

probe	R <sup>2</sup>	P	Entrez Gene ID	Celera Gene ID	Gene_Symbol	Gene_Name
106600	0.993	1.07E-07	4616	hCG22705.4	GADD45B	growth arrest and DNA-damage-inducible, beta
179827	0.988	5.88E-07	7538	hCG43352.3	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)
121840	0.988	6.39E-07	1906	hCG37405.3	EDN1	endothelin 1
211412	0.984	1.56E-06	1316	hCG24940.3	KLF6	Kruppel-like factor 6
162382	0.983	2.02E-06	8335	hCG1787383.1	HIST1H2AB	histone 1, H2ab
177445	0.983	2.15E-06	51278	hCG1766702.2	IER5	immediate early response 5
113849	0.982	2.61E-06	null	hCG1818557.1	null	null
111844	0.981	3.06E-06	8330	hCG1643754.3	HIST1H2AK	histone 1, H2ak
107292	0.980	3.95E-06	83667	hCG19575.3	SESN2	sestrin 2
105377	0.977	5.93E-06	1491	hCG21682.4	CTH	cystathionase (cystathionine gamma-lyase)
174556	0.976	6.74E-06	10365	hCG36957.3	KLF2	Kruppel-like factor 2 (lung)
185687	0.975	7.50E-06	467	hCG37734.3	ATF3	activating transcription factor 3
225333	0.975	8.04E-06	205860	hCG2025667.1	FLI25801	null
144113	0.974	8.92E-06	2354	hCG20725.3	FOSB	FBJ murine osteosarcoma viral oncogene homolog B
202436	0.973	1.08E-05	83729	hCG1818161.1	INHBE	inhibin, beta E
222445	0.972	1.18E-05	8365	hCG1640981.4	HIST1H4H	histone 1, H4h
202780	0.971	1.39E-05	133	hCG23989.3	ADM	adrenomedullin
164901	0.966	2.30E-05	128439	hCG2019855.1	LOC128439	null
114661	0.960	3.92E-05	10949	hCG1639951.4	HNRPA0	heterogeneous nuclear ribonucleoprotein A0
118988	0.960	4.15E-05	null	hCG2042712	null	null
176983	0.959	4.42E-05	3280	hCG16317.2	HES1	hairly and enhancer of split 1, (Drosophila)
223324	0.958	4.83E-05	541472	null	LOC541472	null
163509	0.957	5.05E-05	1649	hCG39661.3	DDIT3	DNA-damage-inducible transcript 3
173408	0.957	5.32E-05	2920	hCG16361.2	CXCL2	chemokine (C-X-C motif) ligand 2
173294	0.955	5.87E-05	353322	hCG16632.2	ANKRD37	ankyrin repeat domain 37
129829	0.954	6.41E-05	390	hCG15792.3	RND3	Rho family GTPase 3
111012	0.954	6.46E-05	23040	hCG1990275	MYT1L	myelin transcription factor 1-like
182404	0.954	6.74E-05	9518	hCG37044.2	GDF15	growth differentiation factor 15
190669	0.952	7.52E-05	112970	hCG2039599	KTI12	KTI12 homolog, chromatin associated (S. cerevisiae)
177389	0.952	7.54E-05	2921	hCG16366.3	CXCL3	chemokine (C-X-C motif) ligand 3
157342	0.951	7.90E-05	57035	hCG1981326	C1orf63	chromosome 1 open reading frame 63
147353	0.951	8.06E-05	1958	hCG18777.1	EGR1	early growth response 1
121612	0.951	8.43E-05	1847	hCG1811162.1	DUSP5	dual specificity phosphatase 5
200967	0.950	8.55E-05	null	hCG1820954.2	null	null
163612	0.950	8.59E-05	9592	hCG26671.3	IER2	immediate early response 2
233928	0.950	8.67E-05	153546	hCG2003913	LOC153546	null
226336	0.950	8.78E-05	9935	hCG37146.3	MAFB	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)
180957	0.950	8.98E-05	4758	hCG43692.3	NEU1	sialidase 1 (lysosomal sialidase)
127242	0.948	9.84E-05	5366	hCG1776475.1	PMaip1	phorbol-12-myristate-13-acetate-induced protein 1
694903	0.948	1.00E-04	null	hCG2038998	null	null
204743	0.948	1.02E-04	3397	hCG37143.3	ID1	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
163241	0.947	1.04E-04	3569	hCG38231.4	IL6	interleukin 6 (interferon, beta 2)
177711	0.945	1.22E-04	null	hCG1820665.1	null	null
113820	0.944	1.29E-04	29946	hCG201413.3	SERTAD3	SERTA domain containing 3
197326	0.944	1.33E-04	379	hCG28385.1	ARL4D	ADP-ribosylation factor-like 4D
154907	0.943	1.36E-04	1490	hCG22108.3	CTGF	connective tissue growth factor
197613	0.943	1.39E-04	8370 554313	null	HIST2H4 H4/o	histone 2, H4
192258	0.942	1.42E-04	1647	hCG21703.4	GADD45A	growth arrest and DNA-damage-inducible, alpha
196687	0.940	1.62E-04	135112	hCG2030497	NCOA7	nuclear receptor coactivator 7
121695	0.940	1.62E-04	1027	hCG27692.2	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
225617	0.940	1.67E-04	8357	hCG1640464.3	HIST1H3H	histone 1, H3h
102081	0.939	1.70E-04	8013	hCG28754.3	NR4A3	nuclear receptor subfamily 4, group A, member 3
232527	0.938	1.80E-04	9972	hCG1979965	NUP153	nucleoporin 153kDa
166747	0.938	1.81E-04	51526	hCG38102.3	C20orf111	chromosome 20 open reading frame 111
122554	0.938	1.88E-04	8331	hCG1643194.3	HIST1H2AJ	histone 1, H2aj
228107	0.937	1.91E-04	257358	hCG1978968	LOC257358	null
103618	0.937	1.93E-04	11080	hCG22857.4	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4
184838	0.937	1.95E-04	25976	hCG27716.2	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase
104428	0.936	2.09E-04	9205	hCG2019830	ZMYM5	zinc finger, MYM-type 5
183615	0.935	2.13E-04	29950	hCG177718.2	SERTAD1	SERTA domain containing 1
113737	0.935	2.19E-04	57761	hCG2019820.2	TRIB3	tribbles homolog 3 (Drosophila)
133326	0.934	2.23E-04	57602	hCG95566.3	USP36	ubiquitin specific peptidase 36
159394	0.934	2.33E-04	6376	hCG15105.2	CX3CL1	chemokine (C-X3-C motif) ligand 1
108623	0.933	2.39E-04	56892	hCG1640844.3	C8orf4	chromosome 8 open reading frame 4
204620	0.933	2.43E-04	5876	hCG22856.3	RABGGTB	Rab geranylgeranyltransferase, beta subunit
197227	0.933	2.43E-04	3885	hCG1641096.3	KRTHA4	keratin, hair, acidic, 4
175188	0.931	2.64E-04	79074	hCG1642079.2	MGC5509	null
107157	0.931	2.67E-04	5876	null	RABGGTB	Rab geranylgeranyltransferase, beta subunit
123273	0.931	2.68E-04	3725	hCG1780282.1	JUN	v-jun sarcoma virus 17 oncogene homolog (avian)
210401	0.930	2.72E-04	1022	hCG1988840	CDK7	cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase)
134083	0.930	2.75E-04	7357	hCG27600.2	UGCG	UDP-glucose ceramide glucosyltransferase
144049	0.929	2.86E-04	694	hCG21188.3	BTG1	B-cell translocation gene 1, anti-proliferative
109708	0.929	2.93E-04	85028	hCG1773592.1	C1orf79	chromosome 1 open reading frame 79
160257	0.928	3.02E-04	54541	hCG2024489	DDIT4	DNA-damage-inducible transcript 4
133600	0.928	3.08E-04	55422	hCG2009080	ZNF331	zinc finger protein 331
156527	0.928	3.14E-04	7494	hCG40980.4	XBP1	X-box binding protein 1
174736	0.927	3.28E-04	7425	hCG1640612.3	VGf	VGf nerve growth factor inducible
103451	0.926	3.39E-04	57132	hCG1780859.1	CHMP1B	chromatin modifying protein 1B
166020	0.925	3.57E-04	3491	hCG23652.3	CYR61	cysteine-rich, angiogenic inducer, 61
204006	0.925	3.60E-04	1030	hCG28310.3	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
221617	0.923	3.79E-04	6428	hCG14802.2	SFRS3	splicing factor, arginine/serine-rich 3
104873	0.923	3.79E-04	55629	hCG1728885.2	PNRC2	proline-rich nuclear receptor coactivator 2
166946	0.923	3.80E-04	468	hCG41721.3	ATF4	activating transcription factor 4 (tax-responsive enhancer element B67)
132057	0.923	3.85E-04	8334	hCG19120.4	HIST1H2AC	histone 1, H2ac
206606	0.923	3.85E-04	60370	hCG1642760.4	AVP1	arginine vasopressin-induced 1
100596	0.923	3.92E-04	1054	hCG20141.2	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma
213319	0.922	4.12E-04	null	hCG1820858.1	null	null
141605	0.921	4.27E-04	114915	hCG1810794.1	TIGA1	null

123450	0.920	4.48E-04	4929	hCG38357.2	NR4A2	nuclear receptor subfamily 4, group A, member 2
116772	0.919	4.54E-04	388796	null	LOC388796	null
221618	0.919	4.60E-04	149647	hCG2036883	FAM71A	family with sequence similarity 71, member A
194691	0.918	4.72E-04	93622	hCG1981777	LOC93622	null
175225	0.918	4.78E-04	4794	hCG18999.4	NFKBIE	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon
147930	0.918	4.83E-04	2872	hCG22717.3	MKMK2	MAP kinase interacting serine/threonine kinase 2
119663	0.918	4.87E-04	64784	hCG119663	CRTC3	CREB regulated transcription coactivator 3
116793	0.917	4.91E-04	5997	hCG41052.3	RGS2	regulator of G-protein signalling 2, 24kDa
144834	0.917	4.99E-04	126961 449003	null	HIST2H3C H3/o	histone 2, H3c
205128	0.917	5.01E-04	2353	hCG22355.3	FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog
144265	0.916	5.21E-04	8332	hCG1743060.2	HIST1H2AL	histone 1, H2a1
162911	0.916	5.28E-04	7057	hCG1787130.4	THBS1	thrombospondin 1
179647	0.915	5.49E-04	146434	hCG16640.4	ZNF597	zinc finger protein 597
129189	0.914	5.57E-04	23161	hCG2009798.1	SNX13	sorting nexin 13
191821	0.913	5.94E-04	7852	hCG25754.2	CXCR4	chemokine (C-X-C motif) receptor 4
168741	0.912	6.16E-04	7128	hCG16787.4	TNFAIP3	tumor necrosis factor, alpha-induced protein 3
135806	0.912	6.19E-04	7737	hCG22489.2	RNF113A	ring finger protein 113A
194026	0.912	6.22E-04	286343	hCG27957.3	C9orf150	chromosome 9 open reading frame 150
148950	0.911	6.32E-04	91179	null	SCARF2	scavenger receptor class F, member 2
172931	0.911	6.42E-04	84324	hCG2016179	CIP29	null
149253	0.910	6.55E-04	9182	hCG20392.2	PAMCI	peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor
149647	0.910	6.59E-04	8337 8338	hCG2036722 hCG2039933	HIST2H2AA HIST2H2AC	histone 2, H2aa histone 2, H2ac
151000	0.910	6.61E-04	1052	hCG18323.3	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta
149591	0.908	7.14E-04	388	hCG31737.3	RHOB	ras homolog gene family, member B
175491	0.908	7.18E-04	6046	hCG17503.3	BRD2	bromodomain containing 2
106376	0.907	7.43E-04	388677	null	NOTCH2NL	Notch homolog 2 (Drosophila) N-terminal like
170698	0.906	7.68E-04	null	null	null	null
233364	0.905	7.97E-04	84099	hCG22212.3	ID2B	inhibitor of DNA binding 2B, dominant negative helix-loop-helix protein
148153	0.904	8.30E-04	1846	hCG1639778.4	DUSP4	dual specificity phosphatase 4
192760	0.903	8.50E-04	null	hCG2041159 hCG2039306	null	null
117132	0.903	8.50E-04	8848	hCG32172.3	TSC22D1	TSC22 domain family, member 1
176322	0.903	8.58E-04	388677	null	NOTCH2NL	Notch homolog 2 (Drosophila) N-terminal like
105979	0.903	8.59E-04	92595	hCG19316.3	MGC13138	null
205961	0.903	8.60E-04	1195	hCG16556.2	CLK1	CDC-like kinase 1
142499	0.901	9.09E-04	84962	hCG41752.3	JUB	jub, ajuba homolog (Xenopus laevis)
126351	0.901	9.26E-04	27289	hCG1999395	RND1	Rho family GTPase 1
115353	0.901	9.26E-04	1848	hCG26604.2	DUSP6	dual specificity phosphatase 6
187637	0.898	9.99E-04	84837	hCG1806191.2	C14orf128	chromosome 14 open reading frame 128
148704	0.898	1.02E-03	3039 3040	hCG1745306.2	HBA1 HBA2	hemoglobin, alpha 1 hemoglobin, alpha 2
193615	0.897	1.03E-03	55603	hCG401094.3	FAM46A	family with sequence similarity 46, member A
141393	0.897	1.04E-03	1390	hCG23484.3	CREM	cAMP responsive element modulator
167664	0.897	1.04E-03	6617	hCG22360.2	SNAPC1	small nuclear RNA activating complex, polypeptide 1, 43kDa
135984	0.897	1.05E-03	387066	hCG2031039	C6orf160	chromosome 6 open reading frame 160
191116	0.897	1.06E-03	1974	hCG1784041.2	EIF4A2	eukaryotic translation initiation factor 4A, isoform 2
130047	0.895	1.10E-03	84124	hCG1742898.1	ZNF394	zinc finger protein 394
231117	0.895	1.12E-03	null	hCG2002074	null	null
200785	0.894	1.13E-03	401474	hCG2038156.1 hCG2041254	SAMD12	sterile alpha motif domain containing 12
713144	0.894	1.15E-03	null	hCG2038372	null	null
112937	0.894	1.16E-03	null	hCG39909.2	null	null
193172	0.892	1.22E-03	8355	hCG1641781.2	HIST1H3G	histone 1, H3g
142603	0.892	1.23E-03	6591	hCG32298.3	SNAI2	snail homolog 2 (Drosophila)
213523	0.892	1.23E-03	79027	hCG1742885.3	ZNF655	zinc finger protein 655
156236	0.892	1.23E-03	23378	hCG24088.4	KIAA0409	KIAA0409
176580	0.892	1.23E-03	8545	hCG1641589.3	CGGBP1	CGG triplet repeat binding protein 1
217443	0.892	1.23E-03	7846	hCG2010765.1	TUBA3	null
151956	0.891	1.26E-03	64651	hCG1640077.4	AXUD1	AXIN1 up-regulated 1
135458	0.890	1.31E-03	10370	hCG32930.3	CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
190575	0.889	1.33E-03	126295	hCG2039133	LOC126295	null
177147	0.888	1.38E-03	7738	hCG25305.4	ZNF184	zinc finger protein 184 (Kruppel-like)
201581	0.885	1.52E-03	4938	hCG40366.2	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa
125937	0.885	1.53E-03	9249	hCG1738619.1	DHRS3	dehydrogenase/reductase (SDR family) member 3
203869	0.882	1.63E-03	57820	hCG40484.3	CCNB1P1	cyclin B1 interacting protein 1
232123	0.882	1.66E-03	286075	hCG1995000	ZNF707	zinc finger protein 707
130316	0.882	1.66E-03	9120	hCG27295.4	SLC16A6	solute carrier family 16 (monocarboxylic acid transporters), member 6
108216	0.882	1.67E-03	null	hCG2040856	null	null
221305	0.881	1.69E-03	null	hCG1995620	null	null
178581	0.881	1.71E-03	387763	hCG2042143	LOC387763	null
111796	0.880	1.73E-03	151887	hCG17537.5	URB	null
134459	0.880	1.73E-03	55647	hCG33043.2	RAB20	RAB20, member RAS oncogene family
213429	0.880	1.74E-03	null	hCG1641325.2	null	null
671174	0.880	1.77E-03	null	hCG1984640	null	null
304659	0.878	1.84E-03	9120 440459	hCG1748598.1 hCG27295.4	SLC16A6 LOC440459	solute carrier family 16 (monocarboxylic acid transporters), member 6
203863	0.876	1.97E-03	4783	hCG30387.3	NFIL3	nuclear factor, interleukin 3 regulated
209689	0.875	2.02E-03	8446	hCG40732.3	DUSP11	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)
104009	0.873	2.11E-03	2553	hCG2002404.1	GABPB2	GA binding protein transcription factor, beta subunit 2
104119	0.872	2.15E-03	24147	hCG27948.2	FJX1	four jointed box 1 (Drosophila)
132403	0.872	2.16E-03	54494	hCG2032602	FLJ20010	null
670496	0.872	2.19E-03	null	hCG27695.2	null	null
128130	0.872	2.19E-03	4853 388677	null	NOTCH2 NOTCH2NL	Notch homolog 2 (Drosophila) Notch homolog 2 (Drosophila) N-terminal like
133742	0.870	2.28E-03	8613	hCG32470.2	PPAP2B	phosphatidic acid phosphatase type 2B
101333	0.869	2.32E-03	80345	hCG1643757.2	ZNF435	zinc finger protein 435
160743	0.869	2.36E-03	677	hCG20766.3	ZFP36L1	zinc finger protein 36, C3H type-like 1
135443	0.869	2.37E-03	9338	hCG17969.3	TCEAL1	transcription elongation factor A (SII)-like 1
425760	0.867	2.45E-03	null	hCG2038130	null	null
228255	0.867	2.48E-03	null	hCG1813033.1	null	null
111356	0.867	2.48E-03	4792	hCG21175.2	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
225045	0.867	2.48E-03	7050	hCG1994498	TGIF	TGFB-induced factor (TALE family homeobox)
132027	0.867	2.48E-03	3606	hCG39294.2	IL18	interleukin 18 (interferon-gamma-inducing factor)
236293	0.867	2.50E-03	null	hCG1787165.2	null	null
203549	0.866	2.52E-03	29107	hCG22366.2	NXT1	NTF2-like export factor 1
133032	0.866	2.54E-03	64778	hCG2023140	FNDC3B	fibronectin type III domain containing 3B

131321	0.866	2.57E-03	7003	hCG1994587	TEAD1	TEA domain family member 1 (SV40 transcriptional enhancer factor)
222840	0.865	2.60E-03	254427	hCG1644926.5	C10orf47	chromosome 10 open reading frame 47
173518	0.865	2.63E-03	10106	hCG40163.3	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2
205016	0.864	2.67E-03	10135	hCG1730556.4	PBEF1	pre-B-cell colony enhancing factor 1
195499	0.863	2.73E-03	2296	hCG21926.2	FOXC1	forkhead box C1
194788	0.863	2.74E-03	null	hCG38342.1	null	null
135086	0.863	2.76E-03	1543	hCG40803.4	CYP1A1	cytochrome P450, family 1, subfamily A, polypeptide 1
131975	0.862	2.77E-03	3621	hCG1774813.3	ING1	inhibitor of growth family, member 1
223116	0.860	2.92E-03	196792	hCG2023314.1	FAM24B	family with sequence similarity 24, member B
125726	0.860	2.94E-03	6967 6974	hCG2010232.4	TRGC2 TRGV2	T cell receptor gamma constant 2 T cell receptor gamma variable 2
232524	0.860	2.94E-03	null	hCG1997081	null	null
182589	0.859	3.02E-03	23189	hCG2041742	ANKRD15	ankyrin repeat domain 15
191842	0.857	3.13E-03	26471	hCG1745228.2	P8	null
131347	0.857	3.17E-03	8349	hCG1736972.2	HIST2H2BE	histone 2, H2be
190833	0.857	3.18E-03	79663	hCG17209.3	HSPBAP1	HSPB (heat shock 27kDa) associated protein 1
186321	0.857	3.18E-03	null	hCG1744064.1	null	null
161671	0.854	3.37E-03	11099	hCG20029.2	PTPN21	protein tyrosine phosphatase, non-receptor type 21
152585	0.854	3.42E-03	124790	hCG28073.2	HEXIM2	hexamethylene bis-acetamide inducible 2
108883	0.853	3.48E-03	122809	hCG1790822.1	SOCS4	suppressor of cytokine signaling 4
156763	0.852	3.57E-03	10734	hCG2024106.1	STAG3	stromal antigen 3
183778	0.851	3.66E-03	114789	hCG96668.3	SLC25A25	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25
208388	0.847	3.93E-03	5743	hCG39885.3	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
142827	0.847	3.93E-03	1850	hCG1784236.2	DUSP8	dual specificity phosphatase 8
207402	0.847	3.96E-03	79748 594855	hCG40812.2	LMAN1L CPLX3	lectin, mannose-binding, 1 like complexin 3
218433	0.847	4.00E-03	152048	hCG1998594.2	FLI31715	null
104923	0.846	4.07E-03	3486	hCG1735376.2	IGFBP3	insulin-like growth factor binding protein 3
122628	0.845	4.14E-03	113510	hCG2027611	HEL308	null
116962	0.845	4.14E-03	9570	hCG1993582	GOSR2	golgi SNAP receptor complex member 2
522449	0.843	4.31E-03	158293	hCG2038073	C9orf1005	chromosome 9 open reading frame 10 opposite strand
124516	0.843	4.35E-03	79609	hCG2013210	C14orf138	chromosome 14 open reading frame 138
147106	0.842	4.43E-03	81572	hCG38820.2	PDRG1	p53 and DNA damage regulated 1
170626	0.840	4.56E-03	284422	hCG1811317.1	LOC284422	null
186148	0.840	4.57E-03	1477	hCG39097.3	CSTF1	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa
696887	0.840	4.60E-03	388638	hCG1818789.1	LOC388638	null
117752	0.839	4.71E-03	10435	hCG2039452	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2
199946	0.836	5.01E-03	10443	hCG32190.3	PFAAP5	null
143102	0.835	5.11E-03	80824	hCG27696.4	DUSP16	dual specificity phosphatase 16
147385	0.834	5.20E-03	84996	hCG1818251.1	C21orf119	chromosome 21 open reading frame 119
158607	0.833	5.27E-03	23710	hCG38151.3	GABARAPL1	GABA(A) receptor-associated protein like 1
136906	0.833	5.31E-03	55330	hCG1640491.4	CNO	cappuccino homolog (mouse)
219582	0.833	5.33E-03	7378	hCG2009894	UPP1	uridine phosphorylase 1
172733	0.832	5.45E-03	8507	hCG37104.2	ENC1	ectodermal-neural cortex (with BTB-like domain)
173155	0.831	5.46E-03	55056	hCG2042213	FLI10038	null
126367	0.828	5.84E-03	220064	hCG27990.3	ORAOV1	oral cancer overexpressed 1
179404	0.828	5.90E-03	8412	hCG2028796.1	BCAR3	breast cancer anti-estrogen resistance 3
144028	0.827	5.98E-03	63924	hCG201422.2	CIDEA	cell death-inducing DFFA-like effector c
216440	0.826	6.08E-03	56985	hCG31075.4	C17orf48	chromosome 17 open reading frame 48
115022	0.826	6.11E-03	7779	hCG24259.3	SLC30A1	solute carrier family 30 (zinc transporter), member 1
139142	0.825	6.18E-03	7775	hCG1775917.2	ZNF232	zinc finger protein 232
236166	0.825	6.21E-03	null	hCG1642089.3	null	null
114304	0.823	6.40E-03	3229	hCG23347.2	HOXC13	homeobox C13
161660	0.823	6.41E-03	57494	hCG2033535	FAM80B	family with sequence similarity 80, member B
196119	0.823	6.43E-03	338758	hCG1820760.1	LOC338758	null
211519	0.822	6.59E-03	7572	hCG22510.3	ZNF24	zinc finger protein 24 (KOX 17)
102937	0.821	6.66E-03	10957	hCG33071.3	PNRC1	proline-rich nuclear receptor coactivator 1
167773	0.819	6.97E-03	92	hCG19691.3	ACVR2A	activin A receptor, type IIA
193054	0.818	7.07E-03	285237	hCG32497.3	C3orf38	chromosome 3 open reading frame 38
165993	0.817	7.15E-03	29092	hCG1981007	HSPC157	null
120260	0.817	7.15E-03	79630	hCG1780608.3	C1orf54	chromosome 1 open reading frame 54
224381	0.817	7.22E-03	8969	hCG1641458.3	HIST1H2AG	histone 1, H2ag
154858	0.817	7.23E-03	55904	hCG2014496	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
208606	0.816	7.36E-03	10018	hCG15901.3	BCL2L11	BCL2-like 11 (apoptosis facilitator)
157665	0.816	7.36E-03	51132	hCG1993146	RNF12	ring finger protein 12
106892	0.814	7.59E-03	null	hCG21032.3	null	null
229985	0.814	7.62E-03	null	hCG1990334	null	null
218400	0.814	7.63E-03	null	hCG2042547	null	null
223459	0.813	7.68E-03	8339	hCG1640985.1	HIST1H2BG	histone 1, H2bg
115251	0.812	7.80E-03	466	hCG1811506.3	ATF1	activating transcription factor 1
174543	0.812	7.87E-03	80176	hCG22401.2	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1
182228	0.810	8.15E-03	2624	null	GATA2	GATA binding protein 2
146761	0.809	8.33E-03	84981	hCG1820470.1	MGC14376	null
204791	0.808	8.42E-03	null	hCG2040590	null	null
158499	0.808	8.43E-03	26150	hCG16863.3	RIBC2	RIB43A domain with coiled-coils 2
168565	0.807	8.58E-03	55602	hCG95823.3	CARF	null
125930	0.806	8.68E-03	163126	hCG1820503.1	CR12	CREBBP/EP300 inhibitor 2
106979	0.806	8.68E-03	81631	hCG32374.3	MAP1LC3B	microtubule-associated protein 1 light chain 3 beta
130677	0.806	8.69E-03	3433	hCG1643352.4	IFIT2	interferon-induced protein with tetratricopeptide repeats 2
170989	0.806	8.74E-03	7764	hCG37127.2	ZNF217	zinc finger protein 217
188749	0.805	8.87E-03	55596	hCG1811822.1	ZCCHC8	zinc finger, CCHC domain containing 8
218145	0.803	9.11E-03	10018	hCG15901.3	BCL2L11	BCL2-like 11 (apoptosis facilitator)
197310	0.803	9.21E-03	3475	hCG15767.3	IFRD1	interferon-related developmental regulator 1
10715276	0.801	9.45E-03	null	hCG39092.3	null	null
193960	0.801	9.50E-03	79621	hCG28706.3	FLI11712	null