

Supplementary Table 1

UHNid	Unigene ID	Name	Cytoband	BRCA1 (n=7)	BRCA2 (n=6)	BRCA1	BRCA2	Fold difference	Rank	t-statistic	*p-value
UHNhcdna0000191	Hs.209983	Stathmin 1	1p36.1-p35	7	6	0.6033	0.1714	3.5202	1	3.2509	0.0002
UHNhcdna0000466	Hs.585378	RAB GTPase	1q24	7	6	0.6712	1.6021	0.4189	2	-2.9525	0.0004
UHNhcdna0000701				6	4	0.9192	6.8947	0.1333	3	-2.8711	0.0005
UHNhcdna0012996	Hs.534404	Ribosomal p	Xq28	7	6	0.7783	0.2591	3.0032	4	2.7182	0.0007
UHNhcdna0001321	Hs.198612	Gamma-amino	q22.1-q22.3	7	6	0.6519	1.7464	0.3733	5	-2.5522	0.0012
UHNhcdna0001291	Hs.430733	Chloride channel	11q13.5-q14	5	5	0.5800	1.7874	0.3245	6	-2.5308	0.0012
UHNhcdna0000078	Hs.371914	Bleomycin B	17q11.2	7	6	0.8894	1.8763	0.4740	7	-2.5215	0.0013
UHNhcdna0016756	Hs.473583	Y box binding	1p34	7	6	0.5839	0.2344	2.4912	8	2.5074	0.0013
UHNhcdna0003487	Hs.443891	Cache domain	1p31.3	6	6	0.5843	1.2182	0.4797	9	-2.4819	0.0014
UHNhcdna0008483	Hs.313	Secreted phospho	4q21-q25	7	6	0.8417	0.2238	3.7607	10	2.3928	0.0019
UHNhcdna0000315				7	6	0.7802	1.6879	0.4622	11	-2.3821	0.0019
UHNhcdna0004543	Hs.188630	Lipase, hepatic	15q21-q23	7	6	7.7768	2.0242	3.8420	12	2.3742	0.0020
UHNhcdna0001327	Hs.503743	Glutamate receptor	11q22	7	6	0.5462	1.5169	0.3600	13	-2.3646	0.0020
UHNhcdna0011841	Hs.101949	Kelch repeat	11q22.3	7	6	1.4348	0.7653	1.8748	14	2.3515	0.0021
UHNhcdna0000909	Hs.389734	Transcription factor	Xq22.1	7	5	0.5328	1.7957	0.2967	15	-2.3484	0.0021
UHNhcdna0000828	Hs.521432	Leucine zipper	8p22	7	5	0.5320	1.3942	0.3816	16	-2.3466	0.0021
UHNhcdna0006516	Hs.511149	Synaptosomal	15q15.1	5	4	0.9222	2.8142	0.3277	17	-2.3380	0.0022
UHNhcdna0005471	Hs.434937	Peptidylprolyl	15q21-q22	7	6	0.8533	0.4077	2.0928	18	2.3274	0.0023
UHNhcdna0000434	Hs.75149	SH3-domain	9p22	7	6	0.5780	1.4721	0.3926	19	-2.3239	0.0023
UHNhcdna0001879	Hs.269782	Guanine nucleotide	9q21	7	6	0.5495	1.3835	0.3972	20	-2.3108	0.0024
UHNhcdna0018494	Hs.493516	PC4 and SF	9p22.3	6	5	1.0833	0.3671	2.9506	21	2.2785	0.0027
UHNhcdna0000295	Hs.567162	Clone 24425 mRNA seq		7	6	0.7489	2.5367	0.2952	22	-2.2746	0.0027
UHNhcdna0015954	Hs.172550	Polypyrimidine	19p13.3	7	5	0.7932	0.4373	1.8140	23	2.2644	0.0028
UHNhcdna0002681	Hs.533956	ATPase, Ca	Xq28	7	6	0.7287	1.6808	0.4335	24	-2.2626	0.0028
UHNhcdna0001208	Hs.22973	CDNA FLJ13878	13q13.3	7	6	0.8546	1.8616	0.4591	25	-2.2579	0.0028
UHNhcdna0017613	Hs.591314	Guanine methyl	3q24	7	6	0.9470	0.5564	1.7022	26	2.2524	0.0029
UHNhcdna0000034	Hs.12751	G protein-coupled	10q26.2	7	6	0.6715	1.7448	0.3849	27	-2.2507	0.0029

UHNhcdna0017772	Hs.546289	Ribosomal r	6q23.2	7	5	0.9568	0.4196	2.2805	28	2.2263	0.0031
UHNhcdna0002997	Hs.483635	Fibroblast g	5q31	7	4	0.7004	2.2237	0.3150	29	-2.2256	0.0032
UHNhcdna0001222	Hs.459842	Ataxin 2-bin	16p13.3	6	5	0.6175	1.8992	0.3251	30	-2.2250	0.0032
UHNhcdna0005168	Hs.534255	Beta-2-micr	15q21-q22.2	7	6	2.1342	0.9501	2.2462	31	2.2202	0.0032
UHNhcdna0000609				7	6	0.7774	2.3350	0.3329	32	-2.2066	0.0034
UHNhcdna0004771	Hs.363087	Hypothetica	4q12	1	4	0.5111	7.6976	0.0664	33	-2.2062	0.0034
UHNhcdna0001587	Hs.438823	Potassium v	7q35-q36	7	6	0.5845	1.1179	0.5229	34	-2.1890	0.0036
UHNhcdna0001702	Hs.25845	Hypothetica	5p12	7	6	0.6406	1.3619	0.4704	35	-2.1800	0.0037
UHNhcdna0002797	Hs.585960	CDNA FLJ43061	fis, clo	6	5	0.7913	2.0016	0.3953	36	-2.1712	0.0038
UHNhcdna0000762				7	6	0.5914	1.0222	0.5785	37	-2.1558	0.0040
UHNhcdna0012994	Hs.534404	Ribosomal r	Xq28	7	6	0.6253	0.2382	2.6249	38	2.1535	0.0040
UHNhcdna0000396	Hs.435556	Bifunctional	16p13.12	7	6	0.5229	1.0297	0.5079	39	-2.1461	0.0041
UHNhcdna0000464	Hs.533683	Fibroblast g	10q26	7	6	0.5897	1.3386	0.4405	40	-2.1297	0.0043
UHNhcdna0002814	Hs.517557	Zinc finger r	22q12.2	7	5	0.8269	2.2393	0.3693	41	-2.1253	0.0044
UHNhcdna0012898	Hs.534404	Ribosomal r	Xq28	7	6	0.5029	0.1708	2.9445	42	2.1252	0.0044
UHNhcdna0003008	Hs.90866	Clone 23961	mRNA seq	6	4	0.8758	4.5217	0.1937	43	-2.1237	0.0044
UHNhcdna0016549	Hs.58324	ADAM meta	21q21.3	7	6	1.9783	0.9008	2.1961	44	2.1121	0.0046
UHNhcdna0015773	Hs.238964	Hypothetica	2q36.1	7	6	0.9683	0.5658	1.7115	45	2.1098	0.0046
UHNhcdna0007104	Hs.469881	LIM and ser	2q14.3	7	6	1.5887	0.4609	3.4472	46	2.1087	0.0046
UHNhcdna0000427	Hs.485489	Chloride intr	6p12.1-21.1	7	5	0.6663	2.9306	0.2274	47	-2.0972	0.0048
UHNhcdna0012946	Hs.291235	Transcribed locus,	weak	7	6	1.0448	0.4608	2.2673	48	2.0870	0.0050
UHNhcdna0012900	Hs.534404	Ribosomal r	Xq28	7	6	0.5234	0.2074	2.5239	49	2.0822	0.0051
UHNhcdna0001564	Hs.587442	CDNA FLJ37386	fis, clo	7	6	0.6937	1.4714	0.4714	50	-2.0815	0.0051
UHNhcdna0001929	Hs.567530	Transmemb	7q33	6	6	0.8443	2.0732	0.4073	51	-2.0807	0.0051
UHNhcdna0002474				6	4	0.6789	1.6627	0.4083	52	-2.0767	0.0052
UHNhcdna0002902	Hs.643456	Galactokina	15q21.1	6	2	0.6577	1.8737	0.3510	53	-2.0746	0.0052
UHNhcdna0007056	Hs.411501	Keratin 7	12q12-q13	7	6	0.5190	0.1333	3.8941	54	2.0725	0.0052
UHNhcdna0008416	Hs.546286	Ribosomal r	1q13.3-q13.	7	6	0.2457	0.0699	3.5139	55	2.0720	0.0052
UHNhcdna0002990	Hs.567895	Family with	3p14.1	7	6	0.7564	1.5524	0.4872	56	-2.0690	0.0053
UHNhcdna0000592	Hs.592827	CDNA FLJ35956	fis, clo	6	3	0.8163	3.0351	0.2689	57	-2.0650	0.0054
UHNhcdna0008626	Hs.137427	Interferon re	16q24.1	7	6	5.7655	2.0812	2.7703	58	2.0607	0.0054
UHNhcdna0000022	Hs.497873	WD repeat	1q42.11	7	6	1.1153	2.4640	0.4526	59	-2.0538	0.0056

UHNhcdna0000696	Hs.420244	Family with	1p34.2	7	6	0.7678	1.3754	0.5582	60	-2.0532	0.0056
UHNhcdna0003288				7	6	1.0577	2.1838	0.4843	61	-2.0524	0.0056
UHNhcdna0004160	Hs.130462	Similar to 6C	18q12.2	6	5	0.5570	0.9845	0.5658	62	-2.0508	0.0056
UHNhcdna0005870	Hs.92147	Transcribed locus		7	6	8.1085	1.9558	4.1458	63	2.0443	0.0057
UHNhcdna0003407	Hs.98445	RAS p21 pr	3q22-q23	7	6	0.8239	1.3750	0.5992	64	-2.0427	0.0058
UHNhcdna0001809	Hs.528833	Fatso	16q12.2	7	6	0.4746	0.9189	0.5165	65	-2.0337	0.0060
UHNhcdna0004086	Hs.132858	RAP1, GTP	4q23-q25	7	6	1.0258	0.3788	2.7084	66	2.0337	0.0060
UHNhcdna0001470	Hs.168241	Chromosom	14q32.2	7	6	0.8890	1.9385	0.4586	67	-2.0306	0.0060
UHNhcdna0011337	Hs.76686	Glutathione	3p21.3	7	6	2.8035	1.1504	2.4369	68	2.0214	0.0062
UHNhcdna0007816				7	6	0.8098	0.3403	2.3798	69	2.0190	0.0063
UHNhcdna0002790	Hs.520414	Interferon g	6q23-q24	7	5	1.2321	4.3493	0.2833	70	-2.0172	0.0063
UHNhcdna0002946	Hs.141120	Kruppel-like	Xp11.21	7	3	0.7266	5.7028	0.1274	71	-2.0137	0.0064
UHNhcdna0014381	Hs.544577	Glyceraldeh	12p13	7	6	0.2348	0.0954	2.4611	72	2.0069	0.0065
UHNhcdna0005223	Hs.1004	Bromodomai	3p26-p25	3	5	1.2726	10.2006	0.1248	73	-1.9983	0.0067
UHNhcdna0005626	Hs.235390	Zinc finger p	19q13.43	5	4	1.6163	0.4853	3.3306	74	1.9977	0.0067
UHNhcdna0000036	Hs.9728	Armadillo re	q21.33-q22.	7	6	0.6433	1.2078	0.5326	75	-1.9967	0.0067
UHNhcdna0002548	Hs.335933	Hypothetica	7p11.2	6	5	0.5543	2.2657	0.2447	76	-1.9962	0.0067
UHNhcdna0002146	Hs.30567	Homo sapiens, clone IM		7	6	1.2316	3.1202	0.3947	77	-1.9928	0.0068
UHNhcdna0011495	Hs.429	ATP synthase	2q31.1	7	6	0.6844	0.3181	2.1515	78	1.9924	0.0068
UHNhcdna0000488	Hs.529044	RAB22A, m	20q13.32	5	5	0.5327	2.3910	0.2228	79	-1.9913	0.0068
UHNhcdna0014095	Hs.292063	Eukaryotic t	12q13.13	7	6	1.3036	0.7407	1.7599	80	1.9876	0.0069
UHNhcdna0005282	Hs.282901	RNA-binding	20q11.22	7	6	4.2895	1.4980	2.8635	81	1.9830	0.0070
UHNhcdna0000514	Hs.167368	Catenin (cat)	2p12-p11.1	6	5	0.5964	1.6455	0.3624	82	-1.9795	0.0071
UHNhcdna0000313	Hs.588815	High-mobilit	22q13.1	7	6	0.6190	1.4535	0.4259	83	-1.9774	0.0072
UHNhcdna0010649	Hs.268869	Alcohol dehyd	8q13.1	6	2	0.5765	2.5892	0.2227	84	-1.9744	0.0072
UHNhcdna0002532	Hs.91389	Homo sapiens, Similar to		7	6	0.7330	1.4313	0.5121	85	-1.9586	0.0076
UHNhcdna0014145	Hs.355934	Splicing factor	1p34.3	7	6	1.1397	0.5659	2.0137	86	1.9525	0.0078
UHNhcdna0000299	Hs.516830	Sulfiredoxin	20p13	7	6	0.8284	1.8523	0.4472	87	-1.9516	0.0078
UHNhcdna0000309	Hs.369095	Carbonic anhydrase	Xp21.1	7	5	0.7751	1.7609	0.4402	88	-1.9510	0.0078
UHNhcdna0002746	Hs.594214	KIAA0644 gene	7p15.1	7	6	0.6952	1.2873	0.5401	89	-1.9467	0.0079
UHNhcdna0004315	Hs.440960	RAD23 homolog	19p13.2	7	6	5.8397	2.3898	2.4436	90	1.9436	0.0080
UHNhcdna0007270	Hs.461819	Vacuolar protein	17p13.3	6	5	2.7747	0.4389	6.3220	91	1.9411	0.0081

UHNhcdna0002727			7	6	0.5818	1.0483	0.5550	92	-1.9407	0.0081	
UHNhcdna0016646	Hs.433670	Ferritin, ligh	9q13.3-q13.	7	6	0.7255	0.2669	2.7184	93	1.9367	0.0082
UHNhcdna0002338	Hs.13261	Brain-specif	6q12	7	6	0.8977	1.5168	0.5918	94	-1.9342	0.0083
UHNhcdna0002715	Hs.479439	CDNA clone	IMAGE:48C	7	6	1.0989	2.0990	0.5235	95	-1.9328	0.0083
UHNhcdna0001685				7	6	0.6689	1.3590	0.4922	96	-1.9291	0.0084
UHNhcdna0007147	Hs.585011	Chromosorr	1q42.13	1	5	1.0201	5.3187	0.1918	97	-1.9279	0.0084
UHNhcdna0003348	Hs.554217	Clone	IMAGE:110349 m	7	6	0.7729	1.3238	0.5839	98	-1.9247	0.0085
UHNhcdna0016722	Hs.444749	Ribosomal r	14q21	7	6	0.9028	0.2981	3.0289	99	1.9229	0.0086
UHNhcdna0001340	Hs.302772	SH3 domair	6q13-15	6	4	0.7583	1.8372	0.4127	100	-1.9223	0.0086
UHNhcdna0014191	Hs.233458	Nuclear trar	1p32 1p32	7	6	1.0255	0.5304	1.9334	101	1.9215	0.0086
UHNhcdna0018819	Hs.535724	Zic family m	3q24	7	6	3.4130	1.3227	2.5803	102	1.9212	0.0086
UHNhcdna0007822	Hs.511743	Tubulin, bet	16q24.3	7	4	0.7922	0.1892	4.1871	103	1.9178	0.0087
UHNhcdna0001231	Hs.436550	Hypothetica	12q13.13	7	6	0.7877	1.8670	0.4219	104	-1.9158	0.0088
UHNhcdna0004059	Hs.503429	CDNA clone	IMAGE:527	7	6	0.5957	0.2384	2.4982	105	1.9144	0.0088
UHNhcdna0003055	Hs.271903	Amyotrophic	2q33.3	7	5	0.8485	2.2047	0.3849	106	-1.9142	0.0088
UHNhcdna0001333	Hs.591838	Paraneopla:	8p21.2	6	6	0.6559	1.3376	0.4904	107	-1.9125	0.0089
UHNhcdna0000777	Hs.255874	Chromosorr	14q11.2	7	6	0.5301	1.1608	0.4566	108	-1.9124	0.0089
UHNhcdna0001568	Hs.116233	BTB (POZ)	6p21	7	6	0.5537	1.1732	0.4720	109	-1.9115	0.0089
UHNhcdna0001227	Hs.45719	Protein pho:	20q11.23	7	6	0.7742	1.3206	0.5863	110	-1.9103	0.0089
UHNhcdna0003558	Hs.581787	Hypothetica	4q27	7	5	0.7815	2.3302	0.3354	111	-1.9091	0.0090
UHNhcdna0001371	Hs.592817	Cri-du-chat region mRN		7	6	0.5111	1.1783	0.4337	112	-1.9037	0.0091
UHNhcdna0001681	Hs.521615	Chromosorr	8q13.1	7	6	0.5312	0.9896	0.5368	113	-1.9033	0.0091
UHNhcdna0001183	Hs.112143	F-box and k	5q21.3	6	5	0.6683	1.7349	0.3852	114	-1.9010	0.0092
UHNhcdna0000011	Hs.268726	SH3 and m	11q13.3	7	5	0.7143	1.4590	0.4896	115	-1.9010	0.0092
UHNhcdna0001476	Hs.524513	Hydroxyster	12q13	7	4	0.8332	1.6900	0.4930	116	-1.8964	0.0094
UHNhcdna0001352	Hs.437277	Sequestoso	5q35	7	6	0.5387	1.1303	0.4766	117	-1.8963	0.0094
UHNhcdna0016914	Hs.567276	Glypican 3	Xq26.1	7	6	0.9374	0.5099	1.8384	118	1.8949	0.0094
UHNhcdna0002781	Hs.556230	Kin of IRRE	11q24	5	4	0.9286	1.7178	0.5406	119	-1.8930	0.0095
UHNhcdna0007584	Hs.80714	Transcribed locus, weak		7	6	4.1693	1.3806	3.0198	120	1.8891	0.0096
UHNhcdna0001585	Hs.532835	Chromosorr	18q22.3	7	6	0.6909	1.2837	0.5382	121	-1.8890	0.0096
UHNhcdna0000407	Hs.561815	Staufen, RN	8q13-q21.1	7	5	0.8710	2.3959	0.3635	122	-1.8865	0.0097
UHNhcdna0018938	Hs.57813	Zinc ribbon	6p21.3	7	5	2.3023	0.6597	3.4901	123	1.8829	0.0098

UHNhcdna0001193	Hs.517868	Leucine rich	3p24	6	3	0.7933	3.6484	0.2174	124	-1.8807	0.0098
UHNhcdna0000463	Hs.368282	KIAA0564 p	13q14.11	7	6	0.7892	1.9074	0.4137	125	-1.8792	0.0099
UHNhcdna0005148	Hs.633129	CDNA FLJ33255	fis, clo	7	6	0.6969	0.2689	2.5917	126	1.8783	0.0099
UHNhcdna0004202	Hs.471130	Amyotrophic	2q33.1	7	6	0.6602	1.2253	0.5388	127	-1.8766	0.0100
UHNhcdna0009376	Hs.535319	HCF-binding	11q14	7	6	0.9375	0.4527	2.0709	128	1.8744	0.0101
UHNhcdna0002748	Hs.412836	Leucine rich	1p22.2	7	6	0.9795	2.0542	0.4768	129	-1.8724	0.0101
UHNhcdna0001444	Hs.368322	Cadherin 8,	16q22.1	7	6	0.9360	1.8244	0.5131	130	-1.8678	0.0103
UHNhcdna0007973	Hs.492740	Activating tr	1q22-q23	3	5	0.8347	3.2183	0.2594	131	-1.8670	0.0103
UHNhcdna0002993	Hs.187866	Neuroplastir	15q22	4	3	0.8198	6.0308	0.1359	132	-1.8658	0.0103
UHNhcdna0001605	Hs.416139	CDNA FLJ37441	fis, clo	7	5	0.7847	2.2899	0.3427	133	-1.8623	0.0105
UHNhcdna0003423	Hs.147492	Paternally e	7q21	7	5	0.6885	1.3374	0.5148	134	-1.8610	0.0105
UHNhcdna0013042	Hs.209983	Stathmin 1/	1p36.1-p35	7	6	0.8708	0.4817	1.8077	135	1.8601	0.0105
UHNhcdna0018802	Hs.29464	Ethanolamir	12p12.1	4	4	1.0252	0.7003	1.4639	136	1.8587	0.0106
UHNhcdna0000816	Hs.91662	KIAA0888 p	5q13.3	6	3	0.6886	1.9011	0.3622	137	-1.8524	0.0108
UHNhcdna0001200	Hs.632686	Chromosom	9q22.32	7	4	1.0421	2.4016	0.4339	138	-1.8522	0.0108
UHNhcdna0007315				4	5	1.5874	0.6738	2.3560	139	1.8439	0.0111
UHNhcdna0004980	Hs.163424	NOL1/NOP2	1p34	7	5	1.2159	0.5012	2.4259	140	1.8437	0.0111
UHNhcdna0004083	Hs.434890	Hect domain	15q13	3	5	1.9685	5.3981	0.3647	141	-1.8435	0.0111
UHNhcdna0003241				7	6	0.8277	1.4147	0.5850	142	-1.8423	0.0112
UHNhcdna0000679	Hs.334603	RALBP1 associated	Eps	7	6	0.7117	1.6255	0.4378	143	-1.8418	0.0112
UHNhcdna0004514	Hs.506784	Lymphocyte	12q24	7	5	3.6486	1.3122	2.7806	144	1.8396	0.0113
UHNhcdna0013880	Hs.498160	G protein-cc	1q42-q43	7	6	1.5437	0.9650	1.5997	145	1.8395	0.0113
UHNhcdna0000803	Hs.256667	Pyruvate de	17q21.33	7	6	0.6060	1.1725	0.5168	146	-1.8390	0.0113
UHNhcdna0013946	Hs.133379	Transformin	1q41	7	6	1.6903	0.9518	1.7759	147	1.8373	0.0114
UHNhcdna0000931	Hs.444181	Transcribed locus,	stron	7	5	0.7530	2.1513	0.3500	148	-1.8365	0.0114
UHNhcdna0004775				4	5	1.3749	6.8338	0.2012	149	-1.8359	0.0114
UHNhcdna0001839	Hs.591992	Tripartite m	11p15.5	7	6	0.9102	1.6061	0.5667	150	-1.8317	0.0116

*; unadjusted p values are given