

Supplementary Table 1: eSNP identified in peripheral blood CD4+ lymphocytes

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	Maximum	
3-Mar	TdL92zo9.qsf6yXi60	rs2055873	5.78	5.52	0.112	1.92	-4.57	0.3175	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	TdL92zo9.qsf6yXi60	rs4836300	8.63	8.24	-0.172	3.49	9.31	0.495	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	xL74krW4PtJme6mHu4	rs4836300	4.37	4.18	-0.08	0.76	9.31	0.495	7.307	0.146	7.101	7.197	7.276	7.385	7.854	
3-Mar	TdL92zo9.qsf6yXi60	rs11956061	9.46	9.03	-0.185	3.98	40.35	0.4675	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	xL74krW4PtJme6mHu4	rs11956061	5.46	5.22	-0.1	0.89	40.35	0.4675	7.307	0.146	7.101	7.197	7.276	7.385	7.854	
3-Mar	TdL92zo9.qsf6yXi60	rs10491285	10.8	10.30	0.212	3.95	-26.16	0.3425	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	TdL92zo9.qsf6yXi60	rs12515192	9.93	9.47	-0.193	3.64	-19.3	0.4625	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	xL74krW4PtJme6mHu4	rs12515192	5.25	5.02	-0.096	0.52	-19.3	0.4625	7.307	0.146	7.101	7.197	7.276	7.385	7.854	
3-Mar	TdL92zo9.qsf6yXi60	rs9327428	10.24	9.77	0.202	3.75	-18.71	0.4425	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
3-Mar	xL74krW4PtJme6mHu4	rs9327428	4.52	4.33	0.083	0.41	-18.71	0.4425	7.307	0.146	7.101	7.197	7.276	7.385	7.854	
3-Mar	TdL92zo9.qsf6yXi60	rs2240800	5.5	5.26	-0.109	2.49	21.44	0.1725	7.835	0.211	7.366	7.687	7.827	7.962	8.615	
6-Mar	i.wATazaiea6daWvtc	rs2567564	3.56	3.41	-0.067	0.53	40.76	0.0975	10.186	0.673	8.807	9.661	10.078	10.596	12.256	
AASDH	Hekkk3HjqAu6N_g3SI	rs13124696	4.08	3.91	0.08	2.79	9.91	0.455	8.911	0.344	7.323	8.673	8.941	9.175	9.705	
AASDH	Hekkk3HjqAu6N_g3SI	rs3796544	4.47	4.28	0.09	2.65	11.22	0.3875	8.911	0.344	7.323	8.673	8.941	9.175	9.705	
AASDH	Hekkk3HjqAu6N_g3SI	rs13102012	4.22	4.04	-0.083	2.71	20.06	0.4525	8.911	0.344	7.323	8.673	8.941	9.175	9.705	
AASDH	Hekkk3HjqAu6N_g3SI	rs13150967	4.47	4.28	0.09	2.65	-7.62	0.3875	8.911	0.344	7.323	8.673	8.941	9.175	9.705	
AASDH	Hekkk3HjqAu6N_g3SI	rs13123301	4.81	4.60	-0.098	1.69	3.59	0.3231	8.911	0.344	7.323	8.673	8.941	9.175	9.705	
AASS	EW6rxUJU6SUA75_OuA	rs3213699	3.31	3.17	-0.061	1.37	9.77	0.1075	7.244	0.089	7.107	7.179	7.228	7.304	7.698	
AASS	EW6rxUJU6SUA75_OuA	rs2268075	3.75	3.59	0.07	1.76	13.31	0.095	7.244	0.089	7.107	7.179	7.228	7.304	7.698	
ABAT	TB0kgnrABOqJWihKec	rs1730958	3.48	3.36	-0.065	1.45	2.74	0.2175	7.633	0.139	7.27	7.55	7.639	7.715	8.259	
ABAT	TB0kgnrABOqJWihKec	rs1273357	3.93	3.74	-0.075	1.74	16.4	0.185	7.633	0.139	7.27	7.55	7.639	7.715	8.259	
ABC1	ctKvvoE3he5NSiWKLQ	rs7223281	5.54	5.29	-0.114	1.22	16.16	0.095	8.362	0.298	7.646	8.132	8.333	8.558	9.269	
ABCC4	0r_C6LdOF3SDCu0XV4	rs1557069	3.43	3.28	0.067	0.88	-114.39	0.2	8.254	0.191	7.67	8.116	8.253	8.386	9.099	
ABCC4	0r_C6LdOF3SDCu0XV4	rs2487566	4.64	4.44	-0.093	0.72	-108.41	0.48	8.254	0.191	7.67	8.116	8.253	8.386	9.099	
ABCC4	0r_C6LdOF3SDCu0XV4	rs4148482	3.83	3.67	-0.077	1.33	-108.05	0.309	8.254	0.191	7.67	8.116	8.253	8.386	9.099	
ABCF2	E.sBhu.iSem7inlaek	rs3800794	3.7	3.55	0.073	1.02	-7.78	0.0875	8.091	0.289	7.432	7.866	8.062	8.275	9.031	
ABCF2	ERew1h7CdNF_opR7KI	rs219233	3.54	3.39	0.067	0.61	19.81	0.3434	8.064	0.241	7.59	7.898	8.045	8.209	8.702	
ABO	x1.tbXvuLB4JcpVtVE	rs8176749	5.49	5.24	0.106	1.93	0.62	0.07	7.152	0.035	7.1	7.125	7.146	7.17	7.278	
ABO	x1.tbXvuLB4JcpVtVE	rs8176746	5.49	5.24	0.106	1.75	0.76	0.07	7.152	0.035	7.1	7.125	7.146	7.17	7.278	
ABO	x1.tbXvuLB4JcpVtVE	rs657152	3.45	3.30	-0.064	0.52	8.7	0.35	7.152	0.035	7.1	7.125	7.146	7.17	7.278	
ABO	x1.tbXvuLB4JcpVtVE	rs505922	4.57	4.37	-0.088	0.64	-1.4	0.3317	7.152	0.035	7.1	7.125	7.146	7.17	7.278	
ABO	x1.tbXvuLB4JcpVtVE	rs11244079	5.55	5.30	-0.107	1.47	33.9	0.06	7.152	0.035	7.1	7.125	7.146	7.17	7.278	
ACAT1	06jt6JSJ760.h05fgk	rs10890819	3.45	3.30	-0.063	1.19	-3.48	0.28	10.199	0.266	8.9	10.049	10.21	10.36	10.796	
ACAT1	06jt6JSJ760.h05fgk	rs6589006	5.47	5.23	-0.112	1.21	13.02	0.4513	10.199	0.266	8.9	10.049	10.21	10.36	10.796	
ACAT1	06jt6JSJ760.h05fgk	rs12787445	5.01	4.79	0.1	1.25	15.85	0.445	10.199	0.266	8.9	10.049	10.21	10.36	10.796	
ACCN5	3TB3J5Vv37ggMgxWIE	rs10020753	3.86	3.69	-0.074	1.48	46.6	0.1281	7.152	0.049	7.095	7.122	7.138	7.163	7.46	
ACOT4	x5egkD3JffeQEXqKxU	rs8015976	13.12	12.52	-0.249	3.78	-3.29	0.2525	7.746	0.23	7.135	7.581	7.735	7.881	8.51	
ACOT4	x5egkD3JffeQEXqKxU	rs12891009	29.41	28.02	0.486	5.66	21.38	0.3925	7.746	0.23	7.135	7.581	7.735	7.881	8.51	
ACOT4	x5egkD3JffeQEXqKxU	rs7155613	23.92	22.79	0.439	4.69	24.77	0.485	7.746	0.23	7.135	7.581	7.735	7.881	8.51	
ACP5	uKV4HVOHISd4pWN1Hs	rs2229531	6.05	5.78	0.119	2.54	-1.3	0.12	8.614	0.384	7.785	8.364	8.6	8.862	9.792	
ACP5	uKV4HVOHISd4pWN1Hs	rs3760780	6.84	6.53	-0.134	3.5	0.66	0.32	8.614	0.384	7.785	8.364	8.6	8.862	9.792	
ACP5	uKV4HVOHISd4pWN1Hs	rs11881292	6.17	5.90	0.121	2.79	5.99	0.13	8.614	0.384	7.785	8.364	8.6	8.862	9.792	
ACP5	uKV4HVOHISd4pWN1Hs	rs897811	6.02	5.75	0.121	2.77	10.26	0.1205	8.614	0.384	7.785	8.364	8.6	8.862	9.792	
ACP6	u5YivleOp3IZ6E734M	rs3820129	4.85	4.64	0.093	1.12	-27.2	0.3725	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs2236570	3.65	3.49	0.069	0.09	-25.28	0.3794	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs12744461	8.26	7.89	0.163	3.1	-0.67	0.4375	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs1344	8.49	8.11	-0.173	2.17	0.1	0.4275	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs946904	6.56	6.27	0.129	2.06	3.66	0.4375	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs12119079	6.2	5.93	-0.122	0.87	9.85	0.3125	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs3766509	4.08	3.91	0.077	1.15	11.11	0.48	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACP6	u5YivleOp3IZ6E734M	rs2275552	5.96	5.69	-0.118	0.83	-10.67	0.3125	8.678	0.332	7.762	8.5	8.695	8.898	9.831	
ACSL3	coeqASewT_UV0gnnU	rs12474230	5.85	5.59	-0.118	4.37	-35.66	0.315	7.271	0.099	7.127	7.197	7.247	7.328	7.591	
ACSL3	coeqASewT_UV0gnnU	rs10498144	5.78	5.52	-0.117	4.37	-31.32	0.3125	7.271	0.099	7.127	7.197	7.247	7.328	7.591	
ACSL5	BUHjdVRX6PlvXncXxU	rs12268778	3.93	3.77	0.073	1.96	-7.18	0.16	10.703	0.26	9.651	10.546	10.685	10.881	11.54	
ACSL5	BUHjdVRX6PlvXncXxU	rs876873	4.06	3.88	0.076	2.09	-16.52	0.16	10.703	0.26	9.651	10.546	10.685	10.881	11.54	
ACSM3	BR7uLnngUPFXhuHgA4	rs9932874	3.7	3.54	-0.07	0.44	-49.47	0.245	7.417	0.1	7.17	7.348	7.405	7.475	7.74	
ACSM3	BR7uLnngUPFXhuHgA4	rs11074471	3.39	3.25	0.064	0.95	-26.98	0.14	7.417	0.1	7.17	7.348	7.405	7.475	7.74	
ACSM3	BR7uLnngUPFXhuHgA4	rs11647477	3.39	3.25	0.064	0.95	-0.39	0.14	7.417	0.1	7.17	7.348	7.405	7.475	7.74	
ACSM3	BR7uLnngUPFXhuHgA4	rs2071524	3.39	3.25	0.064	0.95	-9.87	0.14	7.417	0.1	7.17	7.348	7.405	7.475	7.74	
ACSM3	BR7uLnngUPFXhuHgA4	rs2107232	3.7	3.54	-0.07	0.44	26.68	0.245	7.417	0.1	7.17	7.348	7.405	7.475	7.74	
ACSS2	05VLsnQle6_ygwJe40	rs6088635	5.07	4.84	-0.098	3.42	3.66	0.3975	10.068	0.306	9.318	9.875	10.045	10.27	11.16	
ACSS2	05VLsnQle6_ygwJe40	rs4911163	4.51	4.31	-0.086	3.06	7.85	0.405	10.068	0.306	9.318	9.875	10.045	10.27	11.16	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association	association						explained	association	transcript (kb)	Standard	25th	
			p-value (-log10)	p-value (-log10), GC adj.		p-value (-log10)			Deviation	Minimum	percentile	percentile	percentile	Maximum	
ACSS2	05VLSnQle6_ygwJe40	rs6088640	4.51	4.31	-0.086	3.06	9.67	0.405	10.068	0.306	9.318	9.875	10.045	10.27	11.16
ACSS2	05VLSnQle6_ygwJe40	rs6120757	4.87	4.65	-0.094	3.25	25.93	0.3995	10.068	0.306	9.318	9.875	10.045	10.27	11.16
ACSS2	05VLSnQle6_ygwJe40	rs6088646	4.68	4.48	0.09	3.04	-9.82	0.4075	10.068	0.306	9.318	9.875	10.045	10.27	11.16
ACSS2	05VLSnQle6_ygwJe40	rs6088655	4.41	4.22	-0.085	3.06	12.08	0.407	10.068	0.306	9.318	9.875	10.045	10.27	11.16
ACTA2	uR.XnXd7dyREHuDte4	rs12765241	4.69	4.49	-0.102	2.07	27.99	0.1275	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs10887876	4.85	4.64	-0.097	2.95	32.62	0.145	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs4934434	21.86	20.83	-0.409	8.98	34.66	0.3668	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs3740286	26.32	25.07	0.47	9.03	38.83	0.345	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs7097467	4.85	4.64	0.097	3.17	40.73	0.145	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs1926196	40.42	38.48	0.635	12.83	41.24	0.4975	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs1571011	15.17	14.46	0.3	6.22	45.28	0.3869	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs4406737	24.97	23.78	0.468	9.79	47.21	0.4497	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs2147419	10.04	9.58	0.202	4.12	47.41	0.2675	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTA2	uR.XnXd7dyREHuDte4	rs7920305	4.21	4.03	0.083	3.33	47.71	0.1425	8.703	0.461	7.688	8.386	8.628	9.073	9.846
ACTG2	lItEr3UKNV2lcd7xS0	rs10519327	3.67	3.51	-0.067	0.87	-10.07	0.1225	7.293	0.157	7.119	7.189	7.253	7.35	8.262
ACYP1	EngHRJCJ7vUvJ.nFLw	rs175057	7.02	6.70	0.137	1.37	-30.29	0.4698	7.392	0.139	7.12	7.283	7.389	7.487	7.787
ACYP1	EngHRJCJ7vUvJ.nFLw	rs175505	6.23	5.96	0.12	1.16	-1.12	0.4825	7.392	0.139	7.12	7.283	7.389	7.487	7.787
ACYP1	EngHRJCJ7vUvJ.nFLw	rs4899545	6.53	6.24	-0.126	1.06	37.4	0.4775	7.392	0.139	7.12	7.283	7.389	7.487	7.787
ACYP1	EngHRJCJ7vUvJ.nFLw	rs119076	6.26	5.98	0.121	1.07	41.68	0.48	7.392	0.139	7.12	7.283	7.389	7.487	7.787
ACYP1	EngHRJCJ7vUvJ.nFLw	rs10146482	6.3	6.02	-0.121	1.12	43.35	0.475	7.392	0.139	7.12	7.283	7.389	7.487	7.787
ADAL	3euh.uKQTaMUerCn6l	rs580469	3.95	3.79	0.077	0.58	-47.3	0.09	7.569	0.147	7.126	7.47	7.569	7.672	7.935
ADAL	3euh.uKQTaMUerCn6l	rs488756	6.03	5.77	-0.122	2.54	-8.2	0.14	7.569	0.147	7.126	7.47	7.569	7.672	7.935
ADAL	3euh.uKQTaMUerCn6l	rs3742970	6.85	6.54	0.139	1.24	-0.66	0.08	7.569	0.147	7.126	7.47	7.569	7.672	7.935
ADAL	3euh.uKQTaMUerCn6l	rs2412780	7.44	7.11	0.155	1.73	14.18	0.1075	7.569	0.147	7.126	7.47	7.569	7.672	7.935
ADAL	3euh.uKQTaMUerCn6l	rs999047	6.43	6.15	-0.133	1.13	47.31	0.1375	7.569	0.147	7.126	7.47	7.569	7.672	7.935
ADAMTS6	KqAesVxF6iSzeUeowl	rs7713110	5.29	5.06	-0.108	0.69	-146.31	0.4898	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs2640717	4.95	4.74	-0.096	1.21	-136.79	0.3819	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs6878202	5.09	4.87	-0.102	0.84	-134.6	0.4925	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs7708972	5.19	4.96	0.103	0.84	-88.96	0.495	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs786703	5.87	5.62	-0.118	0.56	-62.04	0.3467	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs1493451	5.79	5.53	-0.116	0.75	-51.26	0.4725	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs2047063	3.4	3.25	0.067	0.57	-45.47	0.4125	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs33396	11.3	10.78	0.224	1.25	-9.03	0.3258	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs402552	10.55	10.07	0.215	3.31	17.49	0.3795	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs380327	11.62	11.09	0.226	2.02	20.38	0.385	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADAMTS6	KqAesVxF6iSzeUeowl	rs12517057	6.29	6.01	-0.125	1.87	27.4	0.3175	7.188	0.076	7.105	7.144	7.161	7.208	7.637
ADARB2	0tbTpv6.OuljHCJR4o	rs10794730	4	3.83	-0.077	1.83	18.95	0.215	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs883248	5.9	5.64	0.116	4.12	22.11	0.375	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs3817043	10.94	10.44	0.219	4.06	28.56	0.3744	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs4880802	4.44	4.25	-0.091	1.22	52.34	0.4031	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs6560721	5.17	4.94	-0.103	1.88	72.18	0.445	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs3849973	14.99	14.30	-0.29	2.95	78.15	0.3425	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs4880807	14.99	14.30	-0.29	3.25	78.67	0.3425	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs17156146	14.55	13.87	0.286	3.06	94.54	0.3266	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADARB2	0tbTpv6.OuljHCJR4o	rs2804102	5.64	5.39	-0.113	2.01	97.34	0.4675	7.141	0.046	7.096	7.11	7.127	7.159	7.376
ADCY3	Bfl.4nfnEtl.nHn8lg	rs6760328	4.05	3.87	0.077	1.52	35.95	0.3125	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs1541984	6.55	6.26	0.129	3.05	40.37	0.3875	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs7597157	5.22	4.99	-0.101	1.48	47.12	0.3475	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs13407913	5.99	5.73	-0.117	2.45	-44.36	0.4146	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs2033655	6.22	5.95	0.122	2.97	-40.91	0.4	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs2033654	5.85	5.59	0.114	2.56	-38.9	0.4125	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs1865687	4.83	4.62	0.093	0.9	-29.12	0.3625	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs6736711	4.83	4.62	-0.093	0.9	-25.55	0.3625	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs6721750	5.45	5.22	-0.108	2.68	-13.28	0.4133	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs7565468	4.94	4.73	-0.096	1.31	-11.91	0.3425	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs2384061	5.92	5.66	0.116	2.76	-6.38	0.395	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs6752378	7.58	7.24	0.151	3.68	8.11	0.4347	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs10182181	7.61	7.27	-0.151	3.54	8.29	0.4375	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs6726261	4.69	4.48	0.093	1.81	11.98	0.346	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY3	Bfl.4nfnEtl.nHn8lg	rs713587	7.39	7.06	-0.146	3.47	16.28	0.435	10.297	0.355	8.263	10.106	10.316	10.538	11.028
ADCY7	HVpqp3XpC0oK_e_cMw	rs4785412	3.81	3.65	-0.073	1.61	33.42	0.1525	9.16	0.378	7.792	8.95	9.213	9.438	9.831
ADI1	xWuu445TMSp_fe0LS	rs12620727	10.01	9.55	-0.207	2.32	-2.81	0.115	10.877	0.237	10.127	10.736	10.899	11.044	11.371

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
AD1I	xWuu445TmWSp_fe0Ls	rs10205909	4.17	3.99	-0.083	1.63	3.3	0.3056	10.877	0.237	10.127	10.736	10.899	11.044	11.371	
ADORA2B	rRCgOh5d34kfv6JxRs	rs1045599	3.93	3.76	-0.073	2.88	0.7	0.3475	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
ADORA2B	rRCgOh5d34kfv6JxRs	rs10491104	4.01	3.84	-0.075	2.36	5.35	0.39	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
ADORA2B	rRCgOh5d34kfv6JxRs	rs8070859	3.77	3.61	-0.07	2.64	8.58	0.3475	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
ADORA2B	rRCgOh5d34kfv6JxRs	rs2302415	3.64	3.48	-0.067	2.55	27.18	0.345	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
ADORA2B	rRCgOh5d34kfv6JxRs	rs9891938	4.07	3.89	-0.078	2.26	35.86	0.346	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
ADORA2B	rRCgOh5d34kfv6JxRs	rs11869450	3.68	3.52	-0.068	2.43	44.5	0.3442	7.262	0.156	7.107	7.144	7.213	7.329	8.108	
AFAP	6.RuuwVyHplfpuVf7s	rs6821044	4.65	4.44	0.087	1.09	42.24	0.4475	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs1106248	4.04	3.87	-0.074	1.31	47.39	0.47	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs7685914	3.95	3.78	-0.073	0.97	71.02	0.4475	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs4580651	3.55	3.40	-0.065	0.65	81.05	0.38	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs4619890	4.22	4.03	-0.078	1.75	-88.43	0.4875	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs12509421	9.31	8.89	-0.178	4.04	-12.07	0.4225	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs11930623	11.85	11.30	0.223	4.37	-9.9	0.4075	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs4696687	3.43	3.28	-0.064	1.73	-2.39	0.165	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs6447872	6.43	6.15	-0.124	1.95	1.52	0.3125	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs2891924	3.96	3.80	-0.075	2.46	6.7	0.175	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs4696833	3.67	3.52	-0.068	1.15	9.55	0.235	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs11732351	8.43	8.05	0.163	2.32	13.9	0.4322	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFAP	6.RuuwVyHplfpuVf7s	rs10008860	4.64	4.44	-0.089	0.79	28.01	0.4397	8.103	0.297	7.4	7.904	8.085	8.304	9.12	Yes
AFF3	ZJiCinUZ0lOgglb0E	rs1115910	3.33	3.19	0.06	1.25	-111.17	0.4825	7.441	0.165	7.137	7.322	7.417	7.537	8.013	Yes
AFF3	ZJiCinUZ0lOgglb0E	rs11695782	5.26	5.03	-0.097	2.45	-80.84	0.1975	7.441	0.165	7.137	7.322	7.417	7.537	8.013	Yes
AFF3	ZJiCinUZ0lOgglb0E	rs6749757	3.66	3.51	-0.065	1.57	-28.93	0.4875	7.441	0.165	7.137	7.322	7.417	7.537	8.013	Yes
AFF3	ZJiCinUZ0lOgglb0E	rs6706188	8.01	7.65	-0.151	2.7	-19.07	0.275	7.441	0.165	7.137	7.322	7.417	7.537	8.013	Yes
AFF3	ZJiCinUZ0lOgglb0E	rs1437377	6.81	6.50	-0.125	2.12	-14.11	0.145	7.441	0.165	7.137	7.322	7.417	7.537	8.013	Yes
AFF3	osj1QiIH8kIFJfkd7Eo	rs1437377	3.7	3.54	0.069	2.53	-14.11	0.145	8.07	0.363	7.118	7.838	8.012	8.326	9.287	
AGA	ud3s4QdxIL7mbn90kk	rs2271100	5.39	5.15	-0.106	1.12	-3.91	0.205	8.95	0.333	7.105	8.777	8.962	9.173	9.682	
AGA	ud3s4QdxIL7mbn90kk	rs4690523	4.16	3.98	0.079	1.15	-2.43	0.4875	8.95	0.333	7.105	8.777	8.962	9.173	9.682	
AGA	ud3s4QdxIL7mbn90kk	rs7680586	5.25	5.02	0.104	1.22	6.17	0.2071	8.95	0.333	7.105	8.777	8.962	9.173	9.682	
AGPAT1	HA1bZVfpFhFWEIEIQ	rs2854050	4.05	3.88	-0.079	0.84	41.71	0.07	7.21	0.057	7.115	7.177	7.201	7.233	7.534	
AGXT	I.V1LpF16AS1H6mQBU	rs4675854	4.2	4.02	-0.084	0.5	32.64	0.1	7.114	0.009	7.095	7.107	7.112	7.12	7.142	
AH1I	fi6R4weuCXEINZUA4	rs2207000	4.67	4.47	-0.085	6.17	18.71	0.185	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs6931735	7.53	7.19	-0.139	3.28	19.69	0.4325	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs2064430	6	5.74	-0.111	2.89	37.63	0.465	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs7772681	5.96	5.70	0.111	2.55	43.89	0.48	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs13208164	5.21	4.98	0.095	2.17	-97.6	0.265	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs11154801	10.97	10.47	0.202	5.76	-79.53	0.37	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs717120	7.07	6.75	0.13	1.65	-53.75	0.205	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs9389295	8.55	8.16	0.161	3.69	29.34	0.46	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AH1I	fi6R4weuCXEINZUA4	rs9402715	8.83	8.43	-0.167	3.8	40.81	0.4673	7.744	0.265	7.176	7.583	7.715	7.887	9.365	
AHSA2	KqB6UggrZlOvkeD.uU	rs2290324	3.58	3.43	0.069	0.87	34.72	0.2175	10.339	0.539	7.222	10.046	10.312	10.68	11.814	
AK2	cU1e4pDq6g4yhKQlGk	rs17511157	3.36	3.22	-0.062	0.28	-30.07	0.1884	8.931	0.259	8.249	8.751	8.941	9.123	9.547	
AKAP10	3_19QJK4tJVFIJSkn8	rs397969	7.74	7.39	-0.155	2.53	-4.5	0.3625	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs203467	5.15	4.92	0.101	1.38	1	0.225	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs203462	7.74	7.39	-0.155	2.59	3.79	0.3625	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs203481	7.68	7.33	0.154	2.59	19.98	0.3618	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs11658169	3.51	3.36	0.068	2.9	-9.21	0.405	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs9901294	4.79	4.58	-0.094	1.19	7.37	0.2575	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs12453720	4.1	3.92	-0.08	1.14	14.07	0.2575	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs7218708	3.44	3.30	0.066	2.27	45.71	0.48	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP10	3_19QJK4tJVFIJSkn8	rs1034904	3.7	3.55	0.072	2.41	46.57	0.4875	8.194	0.333	7.122	8.001	8.197	8.421	9.206	
AKAP12	W9.vov5ZiZt19PZKeo	rs4870002	4.02	3.85	-0.08	1.49	7.73	0.42	7.152	0.027	7.098	7.133	7.148	7.169	7.257	
AKAP12	EqipKhWcJ43XsSy5x8	rs9479015	3.91	3.74	0.076	1.15	12.49	0.1175	7.145	0.03	7.105	7.126	7.136	7.157	7.342	
AKAP13	6TdHCrwkbfVr6e7Vc	rs959309	3.51	3.36	-0.065	0.78	3.65	0.0675	8.879	0.339	8.021	8.614	8.857	9.15	9.896	
AKIRIN2	QeT_6ni_9fvi_QitU	rs2754266	3.36	3.22	0.064	0.83	9.56	0.0875	10.011	0.259	8.452	9.88	9.997	10.126	11.097	
AKR1C3	ilrh6EzRdx8DW178mE	rs6601900	3.8	3.63	0.074	1.27	-13.43	0.4275	8.62	0.422	7.599	8.357	8.606	8.903	9.682	
AKR1C3	ilrh6EzRdx8DW178mE	rs11252934	4.65	4.45	-0.091	2.89	-2.15	0.3675	8.62	0.422	7.599	8.357	8.606	8.903	9.682	
AKR1C3	ilrh6EzRdx8DW178mE	rs7086693	3.92	3.75	0.076	2.22	15.94	0.425	8.62	0.422	7.599	8.357	8.606	8.903	9.682	
AKR1C3	ilrh6EzRdx8DW178mE	rs11252994	3.87	3.71	0.076	2.13	28.39	0.4246	8.62	0.422	7.599	8.357	8.606	8.903	9.682	
AKR1CL2	xR9fe5XILhVsvPcCSI	rs2961597	3.59	3.43	0.068	1.25	-0.73	0.095	7.232	0.086	7.118	7.173	7.214	7.266	7.707	Yes
AKR1CL2	xR9fe5XILhVsvPcCSI	rs4242772	3.39	3.39	0.067	1.24	4.59	0.05	7.232	0.086	7.118	7.173	7.214	7.266	7.707	Yes
ALCAM	HntIF2lkgTIAdlnehY	rs4894924	4.5	4.31	0.091	1.58	27.52	0.485	8.02	0.294	7.222	7.836	7.986	8.232	9.215	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
ALDH16A1	K6qHj14mUXHk.6EXRE	rs7462	9.14	8.72	0.18	2.3	-6.86	0.31	10.227	0.29	9.656	10.055	10.225	10.39	11.078
ALDH16A1	K6qHj14mUXHk.6EXRE	rs1006938	10.87	10.37	-0.211	5.03	0.54	0.385	10.227	0.29	9.656	10.055	10.225	10.39	11.078
ALDH16A1	K6qHj14mUXHk.6EXRE	rs2280401	4.56	4.36	-0.089	1.85	26.16	0.22	10.227	0.29	9.656	10.055	10.225	10.39	11.078
ALDH3A2	orHeeLqQp4Ilpe6Dkk	rs4621031	5.78	5.52	0.123	2.56	-1.79	0.3351	9.53	0.18	8.997	9.418	9.54	9.664	10.019
ALDH3A2	orHeeLqQp4Ilpe6Dkk	rs962801	5.81	5.56	-0.12	2.8	7.03	0.325	9.53	0.18	8.997	9.418	9.54	9.664	10.019
ALDH3A2	orHeeLqQp4Ilpe6Dkk	rs2072331	3.37	3.23	0.065	1.38	-5.18	0.23	9.53	0.18	8.997	9.418	9.54	9.664	10.019
ALDH3A2	orHeeLqQp4Ilpe6Dkk	rs3786038	5.97	5.70	-0.121	2.6	-3.5	0.3175	9.53	0.18	8.997	9.418	9.54	9.664	10.019
ALDH7A1	Qh7hLhw1VzhVAlePA0	rs6870785	5.48	5.24	0.108	0.56	25.12	0.1925	7.425	0.199	7.11	7.285	7.392	7.528	8.285
ALDH7A1	Qh7hLhw1VzhVAlePA0	rs7714044	7.62	7.28	0.147	1.07	-12.9	0.105	7.425	0.199	7.11	7.285	7.392	7.528	8.285
ALDH7A1	Qh7hLhw1VzhVAlePA0	rs6861395	8.07	7.70	0.156	1.07	-2.2	0.1025	7.425	0.199	7.11	7.285	7.392	7.528	8.285
ALG11	ALjHVKE.nr976Uvyto	rs3742290	3.64	3.49	0.064	0.47	-0.54	0.1256	7.991	0.207	7.197	7.861	7.978	8.136	8.63
ALPL	Q0R16neBERIU13eCYc	rs10917023	4.7	4.50	0.091	1.44	20.7	0.08	7.283	0.265	7.102	7.173	7.226	7.278	8.973
ALS2	NdcRbriTEi7Xj_7wuE	rs7590550	3.94	3.77	0.076	1.2	-6.86	0.1575	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs888012	4.46	4.27	0.087	1.53	-3.71	0.29	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs10200479	4.76	4.55	-0.094	1.48	10.66	0.15	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs2110739	4.07	3.90	-0.079	0.34	36.23	0.3125	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs1981725	3.52	3.37	-0.067	0.23	-38.61	0.32	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs4673207	3.73	3.57	-0.072	0.54	-36.86	0.26	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs3820967	4.78	4.57	-0.094	0.6	-36.37	0.3425	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs4675225	4.78	4.57	-0.094	0.6	-35.49	0.3425	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs2192760	3.73	3.58	0.072	0.23	-29.52	0.3418	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs10211216	8.26	7.88	0.164	2.06	-24.75	0.14	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs2349733	6.26	5.98	0.123	0.99	-22.67	0.2575	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs3219153	8.26	7.88	-0.164	2.06	-12.16	0.14	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs7558424	8.26	7.88	-0.164	2.06	-7.39	0.14	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs13419174	7.58	7.24	-0.151	1.56	5.39	0.1675	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs7570835	8.26	7.88	0.164	2.06	7.9	0.14	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs7597686	8.03	7.67	-0.16	1.55	11.46	0.215	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs7582228	6.58	6.29	-0.13	1.17	13.97	0.26	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs2052249	6.68	6.39	0.134	1.47	19.49	0.2335	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs12053321	6.55	6.26	0.132	1.58	36.49	0.2161	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2	NdcRbriTEi7Xj_7wuE	rs11680161	3.45	3.30	-0.067	0.94	43.17	0.3025	8.37	0.236	7.66	8.241	8.367	8.509	9.578
ALS2CR15	iU7VNTJtcQyweVep3U	rs3933629	3.92	3.75	0.075	1.74	30	0.485	7.304	0.105	7.109	7.233	7.287	7.352	7.852
AMACR	ijdkFVsqIv_7dfoelw	rs2287939	5.33	5.09	0.103	3.83	-9.32	0.2825	7.321	0.107	7.109	7.25	7.317	7.394	7.609
AMACR	T5Vng3Xp4f5666Xzu4	rs2287939	4.18	4.00	0.08	5.35	-9.32	0.2825	7.412	0.147	7.135	7.305	7.394	7.503	7.947
AMACR	T5Vng3Xp4f5666Xzu4	rs10941110	4.8	4.59	-0.095	2.41	-9.13	0.4725	7.412	0.147	7.135	7.305	7.394	7.503	7.947
AMACR	T5Vng3Xp4f5666Xzu4	rs10941112	4.99	4.77	0.1	2.61	-3.5	0.4621	7.412	0.147	7.135	7.305	7.394	7.503	7.947
AMACR	T5Vng3Xp4f5666Xzu4	rs253202	5.08	4.86	-0.102	4.55	6.97	0.2653	7.412	0.147	7.135	7.305	7.394	7.503	7.947
AMACR	ijdkFVsqIv_7dfoelw	rs253202	4.13	3.95	-0.081	2.6	6.97	0.2653	7.321	0.107	7.109	7.25	7.317	7.394	7.609
AMACR	ijdkFVsqIv_7dfoelw	rs840381	4.07	3.90	0.078	2.14	14.15	0.375	7.321	0.107	7.109	7.25	7.317	7.394	7.609
AMDHD1	Zn1SSb0IRNPzESkSqU	rs1436125	3.57	3.42	-0.066	3.48	-37.4	0.485	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs4762638	3.43	3.28	-0.062	5.19	-26.43	0.38	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs6538685	3.65	3.49	-0.068	4.21	-24.96	0.3317	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs10777750	3.51	3.36	0.063	5.21	-24.5	0.3725	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs10161146	13.08	12.48	-0.252	4.44	-13.65	0.3546	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs2060548	8.46	8.08	-0.169	3.4	-10.25	0.4825	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs10735337	7.06	6.75	0.142	2.06	-7.14	0.4525	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs4762254	9.33	8.90	-0.188	3.36	-6.49	0.4825	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs726869	9.31	8.89	-0.188	3.91	-3.54	0.4798	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs10859990	5.13	4.91	0.098	2.05	-1.03	0.3925	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs4762651	13	12.40	0.247	4.03	-12.12	0.3543	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs6538691	4.2	4.02	0.079	0.98	-8.86	0.405	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs7487781	5.85	5.59	-0.113	1.84	-6.99	0.4625	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMDHD1	Zn1SSb0IRNPzESkSqU	rs1025607	12.22	11.66	-0.233	3.61	-1.86	0.35	7.433	0.163	7.124	7.306	7.425	7.542	8.425
AMFR	ruBcXI_ikIStUdD9A	rs12930151	3.37	3.23	-0.062	2.72	-22.06	0.303	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs2241954	4.09	3.91	-0.077	1.66	-16.39	0.39	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs3790112	8.76	8.36	0.169	3.05	-14.17	0.34	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs7206796	5.03	4.81	0.097	0.74	-14.09	0.1975	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs3790113	9.55	9.12	-0.187	3.11	-10.64	0.3636	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs899228	4.77	4.57	-0.093	1.04	-8.08	0.201	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs899227	12.08	11.52	0.235	5.02	-7.89	0.3668	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	ruBcXI_ikIStUdD9A	rs3790116	3.57	3.42	0.067	2.5	-7.32	0.16	9.018	0.45	8.001	8.752	9.008	9.284	10.322

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
AMFR	rruBcXI_ikIStUDd9A	rs4924	17.54	16.72	0.328	5.02	1.12	0.4369	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs2440468	17.57	16.75	-0.327	5.34	25.23	0.4372	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs7200888	9.24	8.82	0.183	1.02	-2.72	0.145	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs2920706	16.21	15.45	0.305	5.52	-0.82	0.41	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs8059717	16.03	15.28	0.307	4.96	6.12	0.4082	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs4784669	5.97	5.71	-0.116	2.17	21.98	0.3894	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs4784670	13.28	12.67	0.255	4.7	39.21	0.3775	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs2288055	3.69	3.53	0.07	2.12	42.5	0.1725	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMFR	rruBcXI_ikIStUDd9A	rs16968331	6.09	5.82	0.124	1.43	46.47	0.0825	9.018	0.45	8.001	8.752	9.008	9.284	10.322
AMPD3	xlSn.XnenR550SM5AE	rs10840415	5.01	4.79	0.1	1.16	-12.57	0.1375	7.173	0.057	7.106	7.136	7.155	7.185	7.424
AMPH	x3oX6DoR2p4oLloopl	rs2299945	3.35	3.21	0.067	0.32	18.34	0.345	7.138	0.022	7.105	7.124	7.134	7.145	7.285
ANK2	ZBWC8R4hBlISlipYo	rs17590572	4.71	4.51	-0.098	0.93	109.37	0.2075	7.411	0.186	7.162	7.288	7.365	7.483	8.244
ANK2	ZBWC8R4hBlISlipYo	rs400883	3.64	3.49	-0.073	0.56	112.87	0.21	7.411	0.186	7.162	7.288	7.365	7.483	8.244
ANKDD1A	u2qAe7ueCLG6id3uc0	rs1719271	4.74	4.54	-0.09	2.96	-30.32	0.1759	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs1628955	61.01	58.07	0.76	11.82	-26.91	0.3869	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs1631677	4.98	4.77	-0.095	3.15	-15.54	0.175	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs1471834	9.34	8.92	0.181	5.85	-5.9	0.2225	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs2056497	5.76	5.50	-0.111	5.02	-4.25	0.1859	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs4287512	9.17	8.75	-0.179	5.13	-3.98	0.4275	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKDD1A	u2qAe7ueCLG6id3uc0	rs12438783	3.8	3.63	0.073	2.58	9.36	0.2487	8.278	0.645	7.191	7.655	8.317	8.719	9.772
ANKK1	QullHerr3CUoliOgPyE	rs1055075	3.53	3.38	-0.062	2.25	-19	0.3325	7.314	0.19	7.101	7.184	7.251	7.384	8.434
ANKK1	QullHerr3CUoliOgPyE	rs11214589	3.69	3.53	-0.066	3.18	-13.46	0.455	7.314	0.19	7.101	7.184	7.251	7.384	8.434
ANKMY1	KeRf6rTn_yS7dX5hdk	rs3821348	8.74	8.34	-0.179	4.11	-33.95	0.165	9.368	0.429	8.166	9.102	9.39	9.66	10.46
ANKMY1	KeRf6rTn_yS7dX5hdk	rs3749164	4.29	4.10	-0.086	2.02	28.29	0.1225	9.368	0.429	8.166	9.102	9.39	9.66	10.46
ANKRD16	H16peVLe4nlO_Ms0SM	rs7098372	3.92	3.75	-0.074	1.47	-17.54	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs2380205	3.75	3.59	0.071	1.47	-16.96	0.4171	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs7894083	3.92	3.75	0.074	1.33	-10.42	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs7072174	3.76	3.60	-0.071	1.35	-4.89	0.4225	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs907685	3.92	3.75	0.074	1.47	-3.36	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs907686	3.9	3.74	-0.074	1.6	-3	0.4196	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs907688	3.92	3.75	0.074	1.47	-2.87	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs907689	3.92	3.75	-0.074	1.47	-2.72	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs12359234	4.45	4.26	0.084	2.11	-0.98	0.375	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs2203197	3.92	3.75	0.074	1.59	1.23	0.42	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs591878	4.27	4.09	-0.083	2.35	4.09	0.49	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs636578	4.23	4.05	0.082	2.16	7.2	0.4975	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs6602330	3.51	3.36	-0.065	2.2	12.89	0.3175	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs649537	4.38	4.19	0.086	2.63	14.33	0.4975	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD16	H16peVLe4nlO_Ms0SM	rs12774228	3.5	3.35	0.065	2.08	45.93	0.3125	7.567	0.182	7.17	7.442	7.543	7.647	8.173
ANKRD26	ff70Ud0cUpS06JRfu4	rs10829163	3.68	3.52	0.067	0.9	23.4	0.1425	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD26	ff70Ud0cUpS06JRfu4	rs2297145	3.51	3.37	-0.065	0.77	-8.06	0.145	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD26	ff70Ud0cUpS06JRfu4	rs7086311	3.63	3.48	-0.067	0.72	2.6	0.16	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD26	ff70Ud0cUpS06JRfu4	rs12255977	3.84	3.68	-0.071	0.84	29.8	0.16	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD26	ff70Ud0cUpS06JRfu4	rs10829194	3.84	3.68	-0.071	0.84	36.04	0.16	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD26	ff70Ud0cUpS06JRfu4	rs2274634	3.6	3.45	-0.066	0.76	45.08	0.1625	7.63	0.166	7.319	7.521	7.6	7.721	8.221
ANKRD5	WrKc0oLkp6ATkontXg	rs724675	3.58	3.43	0.068	0.49	-25.45	0.1633	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANKRD5	WrKc0oLkp6ATkontXg	rs6057073	4.05	3.88	-0.078	0.52	-24.45	0.255	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANKRD5	WrKc0oLkp6ATkontXg	rs725565	3.81	3.66	0.074	0.53	-10.69	0.26	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANKRD5	WrKc0oLkp6ATkontXg	rs6087119	3.93	3.74	0.075	1.14	-1.21	0.1231	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANKRD5	WrKc0oLkp6ATkontXg	rs633841	5.51	5.27	0.111	0.51	5.42	0.2825	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANKRD5	WrKc0oLkp6ATkontXg	rs674630	3.91	3.74	0.076	0.17	7.67	0.4525	8.761	0.262	7.911	8.618	8.804	8.947	9.295
ANXA11	ZrJe5N64u7Rif7x5QE	rs3000954	3.93	3.77	-0.078	0.14	7.06	0.1307	10.273	0.343	9.4	10.028	10.26	10.508	11.203
ANXA9	ZOS4CqPILSV16X7kqç	rs7521445	4.13	3.95	-0.081	0.87	-35.72	0.11	7.159	0.048	7.099	7.128	7.145	7.178	7.44
AP1M1	WG3mfrRW11UV7u787Q	rs897775	3.55	3.40	-0.068	0.72	-26.21	0.2702	10.948	0.264	10.271	10.764	10.971	11.101	11.954
AP1M1	WG3mfrRW11UV7u787Q	rs285236	4.03	3.86	-0.079	1.83	-9.56	0.1725	10.948	0.264	10.271	10.764	10.971	11.101	11.954
APOBEC3H	c5dMI5617CQkcJ1EuU	rs738469	3.81	3.65	-0.072	1.45	10.99	0.0875	7.858	0.292	7.173	7.655	7.829	8.056	8.699
APOL1	WpJRSilzi6SqUQQDKa	rs713753	3.76	3.60	0.074	3.4	-5.04	0.405	7.262	0.111	7.108	7.185	7.243	7.307	7.762
APOL2	0viKvvgpVlSkOJloFM	rs7364143	4.45	4.26	0.088	0.84	-20.07	0.275	7.473	0.164	7.17	7.363	7.453	7.581	7.998
APOL2	0viKvvgpVlSkOJloFM	rs1315	5.35	5.18	0.109	1.02	-6.12	0.2362	7.473	0.164	7.17	7.363	7.453	7.581	7.998
APOL2	0viKvvgpVlSkOJloFM	rs11089784	5.33	5.15	0.115	1.22	4.02	0.235	7.473	0.164	7.17	7.363	7.453	7.581	7.998
APOL2	0viKvvgpVlSkOJloFM	rs136142	3.91	3.74	0.077	0.82	-2.98	0.415	7.473	0.164	7.17	7.363	7.453	7.581	7.998
APOLD1	9kJPNChn_OR_V2pF4	rs7956578	3.3	3.16	-0.063	1.08	-6.33	0.4325	7.195	0.08	7.097	7.134	7.169	7.232	7.597

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
AQP3	in3Ep.6gsq6O6sgeoo	rs4879704	3.52	3.37	-0.066	0.88	-13.84	0.3081	9.247	0.506	7.751	8.909	9.25	9.589	10.532	
AQP9	ui8QkUajncTQqORfS0	rs12441254	3.61	3.46	-0.07	1.77	13.35	0.185	8.36	0.922	7.121	7.569	8.092	9.047	11.332	
AQP9	ui8QkUajncTQqORfS0	rs4775014	3.48	3.33	-0.067	1.32	14.08	0.1834	8.36	0.922	7.121	7.569	8.092	9.047	11.332	
ARG1	0IVMTluod_g0ohAnFE	rs2246012	3.87	3.70	0.074	2.27	3.84	0.145	7.24	0.153	7.107	7.144	7.189	7.284	8.25	
ARG1	0IVMTluod_g0ohAnFE	rs2245133	3.87	3.70	0.074	2.1	25.62	0.145	7.24	0.153	7.107	7.144	7.189	7.284	8.25	
ARHGAP12	Zov8v.JoLS9Kk.yp7fk	rs2778668	3.77	3.61	0.072	0.64	-41.41	0.2875	8.572	0.314	7.204	8.414	8.6	8.768	9.543	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs10828675	3.92	3.76	-0.076	0.81	-3.44	0.48	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs10828681	3.38	3.24	-0.064	0.43	61.41	0.47	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs11014191	3.38	3.24	0.064	0.43	62.66	0.47	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs4147179	3.6	3.45	-0.069	0.52	67.12	0.47	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs2886854	3.43	3.28	-0.065	0.46	-37.39	0.475	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs10734055	3.42	3.27	0.065	0.47	-15.83	0.4675	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP21	rk4ofDg1AXu05e7kxU	rs7073062	3.73	3.57	0.072	0.57	13.38	0.4025	9.321	0.357	8.235	9.111	9.328	9.557	10.336	
ARHGAP9	6i3N9OLuH4rvqOriok	rs2127318	3.76	3.60	-0.07	1.22	37.66	0.14	12.212	0.268	11.52	12.035	12.238	12.394	12.933	
ARHGAP9	6i3N9OLuH4rvqOriok	rs1284605	3.76	3.60	-0.07	1.22	38.59	0.14	12.212	0.268	11.52	12.035	12.238	12.394	12.933	
ARHGAP9	6i3N9OLuH4rvqOriok	rs703837	3.76	3.60	0.07	1.22	43.88	0.14	12.212	0.268	11.52	12.035	12.238	12.394	12.933	
ARHGAF10	ZeS_SJSVZulG5MOLkQ	rs7007884	4.5	4.31	-0.09	2.99	35.61	0.3325	7.6	0.304	7.139	7.393	7.529	7.762	8.747	
ARHGAF15	uTjFlpioSISQp1S6c	rs2313148	4.47	4.28	-0.089	0.38	26.02	0.3475	7.223	0.085	7.103	7.174	7.201	7.272	7.644	
ARHGAF7	Tept6hfg5eV6_7odfA	rs2296354	3.41	3.27	-0.064	1.08	63.95	0.1675	10.502	0.23	10.085	10.349	10.457	10.64	11.528	
ARHGAF7	Tept6hfg5eV6_7odfA	rs3783085	3.89	3.73	-0.073	1.07	-36.1	0.15	10.502	0.23	10.085	10.349	10.457	10.64	11.528	
ARHGAF7	Tept6hfg5eV6_7odfA	rs2477471	4.33	4.15	-0.083	0.84	28.3	0.2625	10.502	0.23	10.085	10.349	10.457	10.64	11.528	
ARL3	ThFO0V0Uodt3U9W0i8	rs17114803	4.15	3.97	-0.078	1.52	-46.55	0.1075	7.53	0.142	7.245	7.428	7.52	7.625	8.024	
ARL3	ThFO0V0Uodt3U9W0i8	rs4146429	4.15	3.97	-0.078	1.52	-31.86	0.1075	7.53	0.142	7.245	7.428	7.52	7.625	8.024	
ARL3	ThFO0V0Uodt3U9W0i8	rs10883766	4.41	4.22	-0.084	1.31	-9.43	0.1125	7.53	0.142	7.245	7.428	7.52	7.625	8.024	
ARL4	6iUyy9l3nyO4Sk_Cns	rs13226473	3.58	3.42	-0.069	2.82	-18.46	0.2275	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs4721127	3.55	3.40	0.068	2.63	-17.96	0.1675	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs6952054	3.34	3.20	-0.062	3.54	-14.66	0.2725	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs10488226	4.8	4.59	-0.092	4.75	-13.89	0.4025	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs7810893	4.77	4.57	0.097	1.45	30.48	0.395	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	9nCegq581ebIBI5Q58	rs7810893	3.31	3.17	0.062	0.75	30.48	0.395	7.354	0.154	7.103	7.218	7.337	7.462	7.893	
ARL4	6iUyy9l3nyO4Sk_Cns	rs17166325	4.57	4.37	-0.092	1.69	31.68	0.43	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs6956267	5.12	4.89	-0.102	2.49	34.95	0.3075	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs6949193	5.03	4.81	0.1	2.52	37.02	0.31	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARL4	6iUyy9l3nyO4Sk_Cns	rs6460976	5.03	4.81	0.1	2.52	40.27	0.31	7.938	0.332	7.141	7.705	7.913	8.15	9.37	
ARNT	oJRPkZdVXR_11414RM	rs7412746	15.11	14.41	-0.294	4.2	11.29	0.4874	8.214	0.299	7.546	8.037	8.2	8.393	9.132	
ARSA	3RKQiv2kt3fvcVtcVI	rs8142033	6.51	6.22	0.131	2.8	-0.62	0.0875	7.942	0.389	7.126	7.72	7.857	8.122	9.5	
ARSA	3RKQiv2kt3fvcVtcVI	rs2071421	5.27	5.04	0.107	2.94	0.97	0.1375	7.942	0.389	7.126	7.72	7.857	8.122	9.5	
ARSG	cvJfkzV97Ne1ddRlhU	rs2160725	3.54	3.39	0.069	0.69	-21.27	0.4675	7.922	0.182	7.499	7.792	7.908	8.017	8.62	
ARTS-1	N3VAwjuefFis0arqnU	rs149313	9.31	8.88	-0.181	3.51	-26.32	0.4775	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs13362120	14.66	13.98	-0.281	3.16	-25.33	0.335	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs10037212	26.26	25.02	-0.455	5.91	-11.74	0.3375	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs1862609	26.12	24.88	-0.455	5.42	-9.83	0.3367	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs27037	7.48	7.14	-0.144	3.74	-1.83	0.2875	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs27524	8.99	8.58	0.178	5.42	5.42	0.3788	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs25862	12.54	11.96	-0.241	2.41	8.31	0.49	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs11135480	4.03	3.86	0.073	1.38	14.06	0.1475	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs13160562	27.64	26.33	-0.474	5.45	14.85	0.3275	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs10515247	4.03	3.86	0.073	1.38	15.21	0.1475	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs10515248	4.03	3.86	-0.073	1.38	15.48	0.1475	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs27042	3.42	3.27	0.063	0.82	20.42	0.3525	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs10050860	13.24	12.63	0.25	2.4	-21.43	0.22	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs13154629	13.24	12.63	0.25	2.4	-21.18	0.22	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs30187	8.46	8.08	-0.164	3.86	-19.31	0.3775	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs25866	5.39	5.15	0.102	1.28	-12.61	0.25	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs34753	3.75	3.59	0.07	2.27	7.27	0.299	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs28129	3.83	3.66	-0.071	2.38	11.88	0.3025	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs41135	4.76	4.55	-0.088	1.58	22.38	0.44	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs11748795	3.88	3.72	-0.071	1.29	24.41	0.1439	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs10476692	3.47	3.32	-0.063	0.22	26.25	0.0725	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs2911132	14.08	13.43	-0.267	2.42	43.35	0.3925	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs11750671	3.54	3.39	-0.064	1.06	44.84	0.145	7.415	0.211	7.1	7.244	7.374	7.569	8.032	
ARTS-1	N3VAwjuefFis0arqnU	rs2042381	5.98	5.71	0.115	2.3	45.02	0.2889	7.415	0.211	7.1	7.244	7.374	7.569	8.032	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
ASAHL	QxhR6CUKVCgihalE3k	rs6826085	5.22	4.99	0.104	3.74	8.08	0.4475	10.032	0.417	8.23	9.785	9.991	10.269	11.42	
ASAHL	QxhR6CUKVCgihalE3k	rs1554015	5.5	5.26	-0.112	2.76	26.95	0.0625	10.032	0.417	8.23	9.785	9.991	10.269	11.42	
ASB1	Wqjoh7qQl77.6VXvs	rs472357	3.31	3.17	0.062	0.13	-5.44	0.3875	9.544	0.279	8.752	9.376	9.555	9.736	10.444	
ASB6	xnVIIH9XecgtVECn0	rs11793700	4.23	4.05	-0.08	0.9	12.47	0.1175	8.565	0.423	7.701	8.245	8.532	8.871	9.643	
ASCC1	ZubFEd711NLgR_n59c	rs1245548	6.3	6.02	0.126	2.89	-10.39	0.495	9.542	0.187	9.091	9.397	9.541	9.659	9.966	
ASCC1	ZubFEd711NLgR_n59c	rs1678614	6.33	6.05	0.127	3.36	18.78	0.4725	9.542	0.187	9.091	9.397	9.541	9.659	9.966	
ASCC1	ZubFEd711NLgR_n59c	rs3780948	6.33	6.05	-0.127	3.36	30.03	0.4725	9.542	0.187	9.091	9.397	9.541	9.659	9.966	
ASCC1	ZubFEd711NLgR_n59c	rs1668157	6.46	6.17	-0.131	3.51	49.87	0.4775	9.542	0.187	9.091	9.397	9.541	9.659	9.966	
ASNSD1	Ne6B_t8SXed95UBqU4	rs7568449	3.49	3.34	0.066	0.76	-5.09	0.2425	10.631	0.23	9.882	10.509	10.642	10.784	11.23	
ASNSD1	Ne6B_t8SXed95UBqU4	rs11679767	3.7	3.54	0.07	0.39	10.74	0.2475	10.631	0.23	9.882	10.509	10.642	10.784	11.23	
ASNSD1	Ne6B_t8SXed95UBqU4	rs7557519	3.54	3.39	-0.064	0.53	47.63	0.19	10.631	0.23	9.882	10.509	10.642	10.784	11.23	
ATCAY	WqakT3UpX31yd7r4Xc	rs2240233	3.49	3.34	-0.072	1.51	-49.15	0.3975	7.121	0.013	7.098	7.111	7.118	7.13	7.17	
ATCAY	WqakT3UpX31yd7r4Xc	rs2240235	3.49	3.34	-0.072	1.62	-48.91	0.3975	7.121	0.013	7.098	7.111	7.118	7.13	7.17	
ATE1	xs0LpTEUo1FY4O6gh4	rs11200176	3.37	3.23	0.065	1.94	75.71	0.3425	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs7476932	4.04	3.87	-0.08	1.37	81.57	0.2803	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs10510103	5.19	4.96	-0.104	4.19	-63.04	0.3693	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs12240893	3.7	3.55	-0.071	1.93	-57.46	0.1225	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs11200215	4.97	4.75	-0.098	4.49	-43.72	0.3668	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs7923699	3.58	3.43	-0.069	0.66	20.76	0.2375	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATE1	xs0LpTEUo1FY4O6gh4	rs10887032	3.61	3.46	0.07	1.8	27.86	0.13	7.279	0.111	7.109	7.199	7.261	7.343	7.728	
ATF6	o799LpA7JXk11LvF64	rs4657110	4.25	4.07	0.08	0.52	62.16	0.065	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs12408365	4.25	4.07	-0.08	0.44	94.37	0.065	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs6670606	4.42	4.23	-0.084	0.53	-91.09	0.0653	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs12026254	4.25	4.07	0.08	0.52	-78.32	0.065	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs12032568	4.25	4.07	0.08	0.52	-67.91	0.065	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs2341477	3.78	3.62	0.07	0.49	-49.67	0.0553	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATF6	o799LpA7JXk11LvF64	rs1136046	4.58	4.38	-0.086	1.19	-0.08	0.1025	9.815	0.242	9.176	9.632	9.812	9.978	10.354	
ATG16L1	rd6E.qjuLvlnriott	rs6861	3.64	3.48	-0.067	1.05	-0.2	0.305	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs11894529	3.64	3.48	-0.067	1.05	0.21	0.305	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs745498	3.88	3.72	-0.072	0.97	33.94	0.2975	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs3792097	3.88	3.72	0.072	0.97	34.47	0.2975	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs1000141	3.46	3.32	0.063	0.63	38.03	0.48	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs2241873	3.9	3.73	-0.072	0.6	43.61	0.3525	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATG16L1	rd6E.qjuLvlnriott	rs3792091	3.85	3.69	-0.072	0.73	47.01	0.5	8.977	0.386	7.852	8.733	8.978	9.259	10.442	
ATOH8	E4oKLIp6vp6JbXHqQg	rs7577293	4.96	4.75	0.102	1.82	-45.74	0.231	7.179	0.141	7.104	7.128	7.144	7.172	8.711	
ATP1B1	WeH7LCS796VcLPnl_4	rs1358714	4.82	4.61	0.091	2.31	3.47	0.495	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	unu3iN6N5U0f6cuEqc	rs1358714	3.85	3.69	0.073	2.25	3.47	0.495	7.59	0.199	7.129	7.465	7.563	7.728	8.291	
ATP1B1	WeH7LCS796VcLPnl_4	rs1200136	3.99	3.82	0.073	0.6	3.72	0.41	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs1200138	6.26	5.98	-0.124	0.52	4.89	0.26	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs10919062	24.15	23.01	-0.448	3.5	13	0.14	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs3753292	4.31	4.13	-0.082	0.03	-10.49	0.4725	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs1892094	6.07	5.80	0.119	0.5	-7.5	0.4925	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs2000321	24.36	23.21	-0.453	3.37	-4.5	0.135	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs10919071	24.62	23.46	-0.458	3.56	-2.48	0.1382	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP1B1	WeH7LCS796VcLPnl_4	rs1200160	5.44	5.20	0.106	0.49	1.24	0.495	7.647	0.252	7.137	7.471	7.623	7.766	8.581	
ATP2B4	rN9VRR971579N11zqQ	rs4951130	3.59	3.44	0.067	1.06	-17.37	0.185	7.537	0.237	7.177	7.358	7.48	7.644	8.407	
ATP2B4	rN9VRR971579N11zqQ	rs955865	3.4	3.25	-0.067	1.5	-4.17	0.4217	7.537	0.237	7.177	7.358	7.48	7.644	8.407	
ATP5G1	iLe0X4lqYme6lCSq_Q	rs882150	5.37	5.14	0.11	2.17	-23.5	0.46	7.327	0.126	7.116	7.24	7.308	7.402	8.102	
ATP5G1	iLe0X4lqYme6lCSq_Q	rs962272	5	4.78	0.101	1.52	5.05	0.475	7.327	0.126	7.116	7.24	7.308	7.402	8.102	
ATP5G1	iLe0X4lqYme6lCSq_Q	rs962273	11.93	11.38	-0.245	5.35	5.12	0.3525	7.327	0.126	7.116	7.24	7.308	7.402	8.102	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs11170624	3.59	3.44	0.066	1.25	-28.71	0.1875	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs11170631	6.34	6.06	-0.127	2.88	-17.76	0.3116	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs10876477	4.17	3.99	0.078	1.44	-5.7	0.18	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs1971762	7.11	6.79	0.14	3.09	-0.71	0.3025	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs12579591	3.97	3.80	-0.074	1.06	26.16	0.4825	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs11170654	4.89	4.68	-0.097	1.1	31.21	0.1325	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs10506316	7.44	7.16	-0.142	2.14	31.43	0.3175	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP5G2	WfXXnk.ykeBVDVhbO8	rs17708817	6.55	6.20	-0.124	1.85	32.44	0.3	7.188	0.045	7.121	7.155	7.183	7.211	7.362	
ATP6V0E2L	B3iXW2Vde_rCrvI7h8	rs7795944	3.93	3.76	0.075	1.88	1.41	0.0525	11.764	0.398	10.265	11.547	11.822	11.994	12.933	
ATP6V1B2	915I9eG4leJfjc5L3k	rs3779672	4.37	4.18	0.081	1.63	-22.6	0.175	11.473	0.501	10.649	11.118	11.314	11.742	12.87	
ATP6V1C1	NiwJToJTgSwiIHl6To	rs1398270	4.27	4.09	-0.083	0.99	-18.28	0.145	8.554	0.276	7.127	8.384	8.553	8.71	9.863	Yes
ATP6V1C1	NiwJToJTgSwiIHl6To	rs1398271	4.27	4.09	-0.083	0.99	-18.13	0.145	8.554	0.276	7.127	8.384	8.553	8.71	9.863	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
ATP6V1C1	NiwJToJtGSwiHl6To	rs2515200	3.7	3.55	-0.07	0.25	-15.14	0.4575	8.554	0.276	7.127	8.384	8.553	8.71	9.863	Yes
ATP6V1C1	NiwJToJtGSwiHl6To	rs2453997	4.13	3.95	0.08	1.1	0.16	0.1475	8.554	0.276	7.127	8.384	8.553	8.71	9.863	Yes
ATP6V1C1	NiwJToJtGSwiHl6To	rs2453999	3.71	3.55	0.071	0.59	0.69	0.0804	8.554	0.276	7.127	8.384	8.553	8.71	9.863	Yes
ATP6V1D	9mt0pQ8e6Jj.T1xUfk	rs12588458	4.03	3.86	0.076	1.08	4.26	0.0825	9.829	0.259	9.231	9.666	9.819	9.952	10.765	
ATP6V1D	9mt0pQ8e6Jj.T1xUfk	rs3784085	3.81	3.65	0.071	0.83	31.56	0.0628	9.829	0.259	9.231	9.666	9.819	9.952	10.765	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3134899	5.4	5.16	0.107	0.89	-38.95	0.2487	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3132468	5.25	5.02	0.102	0.71	-36.75	0.27	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs2246618	4.24	4.05	0.081	0.84	-33.25	0.2923	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs2516400	3.71	3.55	-0.069	0.47	-31.13	0.2904	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs2516398	3.93	3.76	0.073	0.71	-30.71	0.3525	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs2844494	3.93	3.76	-0.073	0.66	-28.82	0.355	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3130637	8.3	7.92	0.169	0.79	-24.09	0.2775	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3132454	4.59	4.39	0.089	1.07	-22.59	0.3825	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3093993	8.3	7.92	-0.169	0.79	-21.51	0.2775	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3095227	7.84	7.49	0.159	0.79	-21.24	0.2739	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3093983	9.3	8.88	-0.189	1.68	-15.31	0.2261	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3130055	9.04	8.63	0.181	2.01	-14.84	0.2875	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs3093978	9.47	9.04	-0.191	1.74	-13.74	0.2275	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs2516393	9.47	9.04	0.191	1.74	-5.5	0.2275	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs6916921	3.41	3.27	0.063	0.41	5.8	0.105	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATP6V1G2	EXRtTR6d3D1H7097hU	rs986475	3.89	3.73	0.073	0.55	42.08	0.1025	8.01	0.252	7.444	7.841	7.989	8.169	8.621	
ATPIF1	IRy_KLllo4UnldU6D4	rs3767306	5	4.78	0.096	1.64	-26.4	0.245	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs490633	5.37	5.13	0.104	2.39	-24.41	0.295	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs567086	8.34	7.96	0.16	4.14	-7.18	0.365	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs8559	8.34	7.96	-0.16	4.44	-0.36	0.365	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs9508	5.37	5.13	-0.104	2.39	-0.33	0.295	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs507238	7.85	7.50	0.151	3.7	14.38	0.3175	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs508772	4.14	3.96	0.078	3.19	24.97	0.485	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATPIF1	IRy_KLllo4UnldU6D4	rs543240	6.48	6.20	-0.128	3.93	31.47	0.3712	7.938	0.288	7.109	7.728	7.94	8.126	8.723	
ATXN3	Q6zPldeu7p5ET.NKgl	rs17127945	3.52	3.37	0.065	1.09	-0.92	0.165	7.363	0.157	7.12	7.244	7.353	7.46	8.017	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs704716	3.76	3.60	-0.071	1.39	24.18	0.4975	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs291388	3.76	3.60	-0.071	1.39	-19.76	0.4975	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs210037	3.58	3.43	0.067	1.48	-18.28	0.3625	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs696247	3.47	3.33	0.065	1.33	0.38	0.485	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs291365	3.78	3.62	0.07	1.62	20.26	0.3775	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALNT2	ZNKkpAYw3i5C3ii1So	rs10802797	3.52	3.37	-0.066	1.72	37.89	0.355	7.254	0.09	7.102	7.191	7.235	7.295	7.705	
B3GALT1	rt.kvUUIDgfrF5lunk	rs836678	3.88	3.72	0.077	0.16	-18.83	0.1558	7.115	0.018	7.093	7.106	7.111	7.118	7.242	
B3GALT3	KecMsrQKokdfIV716s	rs1599389	3.74	3.58	0.073	3.02	12.89	0.4318	7.17	0.042	7.106	7.14	7.157	7.193	7.307	Yes
B3GALT3	KecMsrQKokdfIV716s	rs7619011	4.07	3.90	0.079	3.67	32.56	0.4675	7.17	0.042	7.106	7.14	7.157	7.193	7.307	Yes
B3GALT4	ii16k15rtiQyXp9lng	rs464921	5.24	5.09	0.118	1.98	-4.41	0.1175	8.801	0.326	8.158	8.563	8.769	8.98	9.87	
B3GALT4	ii16k15rtiQyXp9lng	rs14398	5.64	5.31	0.126	1.84	8.06	0.1125	8.801	0.326	8.158	8.563	8.769	8.98	9.87	
B3GALT4	ii16k15rtiQyXp9lng	rs9277965	5.68	5.43	-0.128	1.53	9.8	0.1375	8.801	0.326	8.158	8.563	8.769	8.98	9.87	
B3GALT6	Ev6D5_KBXm7n6lpSKK	rs9729550	3.65	3.49	-0.067	1.79	-32.4	0.29	8.705	0.253	7.988	8.541	8.676	8.874	9.704	
B3GALT6	Ev6D5_KBXm7n6lpSKK	rs11721	3.79	3.63	0.071	0.9	-15.01	0.0875	8.705	0.253	7.988	8.541	8.676	8.874	9.704	
B3GALT6	Ev6D5_KBXm7n6lpSKK	rs3813199	5.57	5.32	0.106	2.24	-9.37	0.125	8.705	0.253	7.988	8.541	8.676	8.874	9.704	
B3GALT6	Ev6D5_KBXm7n6lpSKK	rs3766186	5.57	5.32	0.106	2.26	-5.21	0.125	8.705	0.253	7.988	8.541	8.676	8.874	9.704	
B3GALT6	Ev6D5_KBXm7n6lpSKK	rs7515488	6.33	6.05	-0.121	1.96	-3.84	0.1818	8.705	0.253	7.988	8.541	8.676	8.874	9.704	
B3GTL	iV6eXEUugCLdS953pc	rs7988806	3.32	3.18	-0.061	1.68	-40.94	0.4697	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9598993	6.54	6.25	-0.127	3.44	-1.78	0.4849	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9540737	4.89	4.68	0.095	3.52	6.86	0.2275	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs7981424	3.87	3.70	0.074	2.82	26.12	0.2925	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs912607	6.17	5.90	-0.119	3.82	29.91	0.4066	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs12428887	6.01	5.74	0.118	5.38	40.19	0.205	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9315120	5.83	5.58	-0.113	3.81	49.46	0.4495	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9529902	5.85	5.59	0.112	3.54	58.06	0.45	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9529933	5.83	5.57	0.113	3.56	62.1	0.4497	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs877104	9.25	8.83	0.18	4.36	-56.09	0.24	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs9543390	9.15	8.73	0.178	3.84	-53.27	0.225	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs3761870	6.73	6.43	0.134	3.3	-7.29	0.34	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs1409379	16.79	16.01	0.315	8	2.08	0.2625	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs1326316	13.95	13.31	-0.265	6.79	15.35	0.28	7.833	0.208	7.282	7.705	7.825	7.964	8.527	
B3GTL	iV6eXEUugCLdS953pc	rs7333382	16.66	15.88	-0.313	7.75	21.89	0.2625	7.833	0.208	7.282	7.705	7.825	7.964	8.527	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
B4GALT1	i6X_oCNlikiukShLao	rs3818593	4.08	3.91	0.077	0.37	10.06	0.2025	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs12342831	4.8	4.60	-0.095	1.08	14.23	0.2525	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs4879666	5.67	5.42	0.111	2.63	14.64	0.47	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs10758192	7.35	7.02	-0.146	1.96	21.01	0.3125	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs1411609	5.32	5.09	0.103	2.71	26.66	0.4125	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs2770807	5.67	5.42	-0.111	2.63	-25.48	0.47	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs10758194	5.17	4.94	0.099	2.51	-9.82	0.42	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT1	i6X_oCNlikiukShLao	rs10971438	5.76	5.50	0.112	1.39	13.07	0.26	8.752	0.371	7.215	8.513	8.769	8.985	9.719	
B4GALT4	ce4LrrtK4gptRAIqIA	rs9835060	3.84	3.67	0.074	1.82	-22.36	0.14	9.247	0.237	8.654	9.103	9.238	9.387	9.922	
B4GALT4	ce4LrrtK4gptRAIqIA	rs6438503	3.95	3.78	-0.077	1.55	-0.2	0.17	9.247	0.237	8.654	9.103	9.238	9.387	9.922	
B9D2	oqhLA7Oq2SrvI4Sink	rs1046909	4.2	4.02	-0.077	0.44	12.72	0.4175	8.901	0.237	8.25	8.76	8.912	9.041	9.758	
BAK1	WXTp3pEuw1KrsjqoHs	rs5745568	3.46	3.31	-0.066	0.05	0.41	0.21	8.658	0.265	8.109	8.471	8.606	8.835	9.466	
BBS12	xdllTLoy3fUEt5104	rs1026157	3.6	3.45	0.067	0.59	-29.96	0.2525	7.232	0.07	7.108	7.188	7.22	7.269	7.489	
BBS12	xdllTLoy3fUEt5104	rs370617	3.42	3.28	-0.063	2.9	-12.99	0.3175	7.232	0.07	7.108	7.188	7.22	7.269	7.489	
BBS12	xdllTLoy3fUEt5104	rs309345	3.42	3.28	-0.063	2.9	-8.78	0.3175	7.232	0.07	7.108	7.188	7.22	7.269	7.489	
BBS2	xiStt5q_gBQIFK40ec	rs4784669	6.48	6.20	0.126	4.57	-37.02	0.3894	10.206	0.296	9.323	10.024	10.251	10.407	11.091	
BBS2	xiStt5q_gBQIFK40ec	rs8060037	12.76	12.17	-0.246	6.09	-33.48	0.2475	10.206	0.296	9.323	10.024	10.251	10.407	11.091	
BBS2	xiStt5q_gBQIFK40ec	rs4784670	5.58	5.34	-0.108	3.97	-19.79	0.3775	10.206	0.296	9.323	10.024	10.251	10.407	11.091	
BBS2	xiStt5q_gBQIFK40ec	rs12918376	6.53	6.24	0.127	4.38	3.99	0.355	10.206	0.296	9.323	10.024	10.251	10.407	11.091	
BBS2	xiStt5q_gBQIFK40ec	rs435651	6.2	5.92	0.12	4.46	19.1	0.22	10.206	0.296	9.323	10.024	10.251	10.407	11.091	
BCAS4	Qp.kqnU6193e46v.kY	rs6020823	3.94	3.77	0.076	1.61	4.41	0.3788	9.232	0.383	8.336	8.964	9.233	9.481	10.432	
BCAS4	Qp.kqnU6193e46v.kY	rs4811099	4.19	4.01	-0.081	1.94	9.24	0.3775	9.232	0.383	8.336	8.964	9.233	9.481	10.432	
BCAS4	Qp.kqnU6193e46v.kY	rs2426210	3.86	3.70	-0.076	2.13	43.77	0.3692	9.232	0.383	8.336	8.964	9.233	9.481	10.432	
BCCIP	NkoolYR_3qKQOT.44Y	rs10794023	4.67	4.47	0.098	1.34	-18.7	0.2175	10.017	0.359	8.57	9.883	10.08	10.259	10.595	
BCKDHB	0U7r1fW6FJbDAIUky4	rs662408	3.84	3.67	0.066	0.64	-59.62	0.15	8.216	0.225	7.498	8.066	8.209	8.363	8.873	
BCKDHB	0U7r1fW6FJbDAIUky4	rs700490	3.84	3.67	-0.066	0.67	-29.54	0.15	8.216	0.225	7.498	8.066	8.209	8.363	8.873	
BCKDHB	0U7r1fW6FJbDAIUky4	rs806847	3.83	3.67	0.067	0.63	-21.26	0.0975	8.216	0.225	7.498	8.066	8.209	8.363	8.873	
BCR	i9eK7X6iFVC76iN5Qg	rs4820539	3.99	3.82	-0.075	2.01	-44.73	0.4525	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs4822363	4.84	4.63	0.094	2.27	-31.7	0.2475	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs5751592	3.44	3.30	0.065	1.36	-25.03	0.285	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs5759636	4.81	4.60	0.094	2.46	16	0.245	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs5751611	4.32	4.13	-0.082	1.84	43.32	0.4975	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs762601	4.59	4.39	-0.087	1.68	46.16	0.4925	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs2156921	5.18	4.95	0.1	2.07	46.36	0.4975	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs4822375	4.31	4.13	-0.081	1.44	52.94	0.49	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs1005184	4.65	4.45	-0.089	1.55	58.29	0.4925	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs743584	3.88	3.72	0.072	1.25	-45.65	0.22	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs140503	4.69	4.48	0.09	1.91	-43.52	0.22	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs7288846	3.92	3.75	0.073	1.44	-34.86	0.245	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs131678	4.69	4.49	-0.094	1.09	-24.89	0.3046	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs2239666	5.27	5.04	0.102	2.26	-20.94	0.3	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs12168342	3.37	3.22	-0.063	1.51	-13.72	0.23	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs131690	5.52	5.28	-0.106	2.06	-10.13	0.4825	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BCR	i9eK7X6iFVC76iN5Qg	rs131693	5.59	5.35	-0.108	2.1	-8.9	0.4848	8.349	0.595	7.277	7.851	8.315	8.771	10.047	
BDNF	iV1F152qp.DIEVFnnS	rs7116850	3.9	3.73	0.072	0.79	-30.91	0.3025	7.324	0.087	7.169	7.262	7.308	7.366	7.767	
BDNF	iV1F152qp.DIEVFnnS	rs10835211	5.2	4.98	0.097	2.22	-20.61	0.24	7.324	0.087	7.169	7.262	7.308	7.366	7.767	
BDNF	iV1F152qp.DIEVFnnS	rs12273363	3.96	3.79	0.072	1.31	22.88	0.175	7.324	0.087	7.169	7.262	7.308	7.366	7.767	
BEGAIN	BUuEKiV4L7iRgiongE	rs4074037	13.85	13.21	-0.267	4.08	7.72	0.38	7.27	0.132	7.111	7.185	7.236	7.311	7.967	
BEGAIN	BUuEKiV4L7iRgiongE	rs10148448	4.9	4.69	0.099	1.94	-9.98	0.2411	7.27	0.132	7.111	7.185	7.236	7.311	7.967	
BFSP1	34m6hyiSCXIIAKV1Q	rs6075218	5.12	4.89	-0.099	1.34	10.82	0.335	7.138	0.044	7.092	7.111	7.12	7.146	7.344	
BFSP1	34m6hyiSCXIIAKV1Q	rs2023508	3.97	3.80	0.076	1.16	0.37	7.138	0.044	7.092	7.111	7.12	7.146	7.344		
BFSP2	ixRleehKiiJ46iB9c	rs2276737	4.2	4.02	0.086	3.48	-26.69	0.3769	7.272	0.103	7.109	7.197	7.251	7.321	7.777	
BGLAP	B.u1CSipJisuCIVKZw	rs4661037	3.3	3.16	-0.06	2.02	25.37	0.2425	7.657	0.193	7.277	7.499	7.643	7.786	8.422	
BICD2	QlxAlLmTKBLqXqwtE	rs7863890	14.7	14.01	-0.283	6.21	-47.9	0.2175	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs9969804	4.25	4.07	-0.083	2.61	-44.52	0.4497	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs912261	12.11	11.55	0.234	4.29	-31.61	0.1825	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs10992420	9.42	8.99	-0.185	3.94	-22.84	0.145	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs12686771	8.75	8.36	-0.173	3.57	-1.06	0.135	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs12236788	12.02	11.47	0.234	4.3	15.57	0.1834	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs1810696	12.69	12.10	0.246	5.23	32.77	0.1775	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BICD2	QlxAlLmTKBLqXqwtE	rs10992474	9.79	9.35	0.195	3.25	38.9	0.1364	11.239	0.385	9.455	11.073	11.31	11.491	12.227	Yes
BIK	9U4UeV6K6aXnnvN.8E	rs4988366	5.41	5.17	-0.111	1.55	-1.06	0.125	7.389	0.131	7.147	7.305	7.374	7.458	7.879	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
BIK	9U4UeV6K6aXnnvN.8E	rs742134	6.75	6.44	0.141	1.48	-7.44	0.14	7.389	0.131	7.147	7.305	7.374	7.458	7.879
BIK	9U4UeV6K6aXnnvN.8E	rs6003071	4.86	4.65	-0.093	1.24	9.08	0.465	7.389	0.131	7.147	7.305	7.374	7.458	7.879
BIN1	Nu9eCee7Xcvi.emVeU	rs10194375	4.73	4.53	-0.09	2.49	-25.08	0.305	11.769	0.36	10.444	11.517	11.733	12.024	12.813
BIRC7	I73oe73qXnijplnrQ	rs6011691	5.21	4.98	0.105	1.11	0.18	0.0675	7.119	0.016	7.094	7.109	7.115	7.124	7.188
BIVM	xiQtHSKEHFTPUh3ie8	rs2031644	3.82	3.66	-0.074	3.37	-16.15	0.165	7.847	0.206	7.157	7.739	7.839	7.971	8.52
BIVM	xiQtHSKEHFTPUh3ie8	rs9557933	3.73	3.57	0.073	2.93	13.89	0.08	7.847	0.206	7.157	7.739	7.839	7.971	8.52
BLK	ErVSh6wmHtNCwpVbno	rs12680762	5.06	4.84	-0.099	3.04	-19.49	0.2225	7.713	0.381	7.122	7.43	7.688	7.933	9.91
BLK	ErVSh6wmHtNCwpVbno	rs2736340	8.19	7.82	-0.16	4.11	-7.55	0.2225	7.713	0.381	7.122	7.43	7.688	7.933	9.91
BLK	ErVSh6wmHtNCwpVbno	rs13277113	6.85	6.54	0.136	4.08	-2.34	0.2161	7.713	0.381	7.122	7.43	7.688	7.933	9.91
BLK	ErVSh6wmHtNCwpVbno	rs12677843	3.91	3.75	-0.076	1.37	-34.92	0.28	7.713	0.381	7.122	7.43	7.688	7.933	9.91
BLK	ErVSh6wmHtNCwpVbno	rs2248932	3.75	3.59	0.072	1.04	-30.46	0.335	7.713	0.381	7.122	7.43	7.688	7.933	9.91
BLMH	oJQOvwfXugeqPq6ko	rs4251417	3.97	3.80	0.078	0.97	-23.36	0.1	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs1487971	4.82	4.61	-0.096	1.97	-2.47	0.3925	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs7214248	3.44	3.30	0.068	1.99	-1.05	0.3342	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs1050565	3.45	3.30	0.068	1.98	0.85	0.335	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs2129785	6.97	6.66	-0.142	2.98	15.31	0.1375	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs7214014	6.05	5.78	0.122	2.26	-7.68	0.4625	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs11867581	6.38	6.09	-0.13	2.28	3.15	0.4523	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs8073378	6.42	6.14	0.131	2.09	10.69	0.4525	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs3110454	6.52	6.23	-0.135	3.03	32.29	0.425	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLMH	oJQOvwfXugeqPq6ko	rs3110095	8	7.64	-0.165	3.61	39.94	0.4925	10.233	0.221	9.622	10.1	10.22	10.379	10.985
BLOC1S2	QTfB7V9QUV1EeeUiQ0	rs7073610	3.9	3.74	-0.077	2.73	-27.09	0.0525	7.196	0.059	7.114	7.156	7.186	7.219	7.645
BLOC1S2	QTfB7V9QUV1EeeUiQ0	rs7072367	3.9	3.74	-0.077	2.73	-23.73	0.0525	7.196	0.059	7.114	7.156	7.186	7.219	7.645
BLOC1S2	QTfB7V9QUV1EeeUiQ0	rs12782963	3.9	3.74	0.077	2.73	2.09	0.0525	7.196	0.059	7.114	7.156	7.186	7.219	7.645
BLOC1S2	QTfB7V9QUV1EeeUiQ0	rs6584356	3.75	3.59	-0.075	2.82	4.13	0.0553	7.196	0.059	7.114	7.156	7.186	7.219	7.645
BMP1	HKg7SShVnNIXu3cRns	rs4715	6.58	6.28	-0.135	2.77	-1.88	0.29	7.395	0.178	7.147	7.269	7.363	7.452	8.41
BMPR1A	NGgJNd1Avon3PIOBTK	rs4934282	3.29	3.15	0.064	1.22	47.53	0.4725	7.592	0.159	7.121	7.501	7.606	7.7	8.064
BNIP1	oSepaCfNEAxDZaieGg	rs8543	5.54	5.30	0.106	0.72	0.28	0.135	7.954	0.167	7.137	7.861	7.963	8.052	8.38
BPHL	0t_uvX27qn42755e8E	rs10498658	3.39	3.25	0.064	0.33	-14.35	0.26	8.404	0.219	7.9	8.251	8.4	8.533	9.032
BPIL2	fsUu_l68.6hAh63nX4	rs760657	3.52	3.37	0.067	1.4	3.91	0.17	7.201	0.085	7.114	7.15	7.174	7.217	7.627
BRCA1	HNSH78ye_gocrfVvVU	rs8076790	3.45	3.31	-0.066	0.78	-41.71	0.2075	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs382571	5.29	5.06	0.106	1.18	-24.83	0.18	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs9911630	10.26	9.79	0.205	2.56	-7.97	0.3325	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs11657053	10.72	10.23	0.212	2.46	-5.18	0.32	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs8176273	9.51	9.07	0.186	2.13	15.34	0.315	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs8176265	9.51	9.07	0.186	2.13	17.68	0.315	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs1799966	10.68	10.19	-0.213	2.46	26.78	0.3191	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs1060915	9.51	9.07	0.186	2.13	38.16	0.315	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs16942	10.72	10.23	-0.212	2.46	-33.47	0.32	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs799917	10.51	10.03	-0.21	2.56	-32.53	0.3375	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRCA1	HNSH78ye_gocrfVvVU	rs16940	9.51	9.07	0.186	2.13	-32.23	0.315	7.212	0.079	7.106	7.156	7.194	7.246	7.608
BRD7	3Uqb_h1LHQhKdMmeAk	rs4785412	4.26	4.08	-0.079	1.9	-17.36	0.1525	9.49	0.207	8.104	9.396	9.51	9.61	9.986
BRDG1	IFD0SoBylcae66wXkg	rs190255	4.76	4.55	0.091	1.88	-47.74	0.42	8.203	0.337	7.501	7.958	8.199	8.427	9.253
BRDG1	IFD0SoBylcae66wXkg	rs355499	4.25	4.07	-0.08	1.28	-34.6	0.1	8.203	0.337	7.501	7.958	8.199	8.427	9.253
BRDG1	IFD0SoBylcae66wXkg	rs957582	4.07	3.89	0.078	1.06	-12.3	0.1352	8.203	0.337	7.501	7.958	8.199	8.427	9.253
BRDG1	IFD0SoBylcae66wXkg	rs3775867	5.03	4.81	-0.097	1.58	19.81	0.1	8.203	0.337	7.501	7.958	8.199	8.427	9.253
BRWD1	EAp_fionzB_Rcir8VE	rs418359	8.74	8.34	-0.179	4.36	-25.41	0.455	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs12482181	4.62	4.42	-0.095	1.74	-13.3	0.3725	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs6517522	5.09	4.87	0.103	3.11	-8.3	0.485	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836935	3.36	3.22	-0.062	4.08	4.22	0.16	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836939	4.55	4.35	0.091	0.82	16.4	0.2475	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs6517526	4.68	4.48	0.097	1.83	19.38	0.3675	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836961	9.78	9.33	0.193	6.6	-58.54	0.4025	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836966	10	9.54	0.202	7.07	-48.03	0.4337	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs6517538	4.83	4.62	-0.1	1.94	-29.31	0.365	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs4624474	9.57	9.14	-0.193	4.69	0.77	0.4425	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836981	9.65	9.21	-0.195	4.77	2.81	0.4425	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836982	9.72	9.28	-0.196	5.68	3.62	0.4422	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2037925	9.65	9.21	0.195	4.65	14.38	0.4425	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836985	10.46	9.98	0.206	7.18	15.61	0.4525	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2836987	9.4	8.98	0.19	4.68	21.04	0.445	7.823	0.432	7.106	7.548	7.758	8.013	9.485
BRWD1	EAp_fionzB_Rcir8VE	rs2026267	5.76	5.50	0.118	2.53	25.92	0.34	7.823	0.432	7.106	7.548	7.758	8.013	9.485

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Transcript	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
BRWD1	EAp_fionzB_Rcir8VE	rs2070865	9.68	9.24	0.192	6.68	29.96	0.46	8.23	0.432	7.106	7.548	7.758	8.013	9.485	
BTN2A2	upJuletMTBIEISIDqM	rs9379858	4.31	4.13	-0.087	1.1	-15.66	0.1225	7.22	0.069	7.111	7.167	7.208	7.259	7.57	
BTN2A2	upJuletMTBIEISIDqM	rs9379859	4.31	4.13	0.087	1.1	-13.8	0.1225	7.22	0.069	7.111	7.167	7.208	7.259	7.57	
BTN2A2	upJuletMTBIEISIDqM	rs12176317	4.31	4.13	0.087	1.1	-10.57	0.1225	7.22	0.069	7.111	7.167	7.208	7.259	7.57	
BTN2A2	upJuletMTBIEISIDqM	rs1979	4.48	4.29	0.091	1.05	-5.76	0.1206	7.22	0.069	7.111	7.167	7.208	7.259	7.57	
BTN3A1	6w1bzod7dSiKrc1FXk	rs12199613	3.51	3.36	0.068	1.79	-35.27	0.3995	10.826	0.549	9.624	10.421	10.843	11.203	12.353	
BTN3A1	6w1bzod7dSiKrc1FXk	rs4320356	3.79	3.63	0.073	2.62	8.12	0.435	10.826	0.549	9.624	10.421	10.843	11.203	12.353	
BTN3A1	6w1bzod7dSiKrc1FXk	rs2237236	3.71	3.55	0.071	2.62	36.12	0.4375	10.826	0.549	9.624	10.421	10.843	11.203	12.353	
BTN3A2	KS9USpO4f4ClciEdl	rs6933583	13.73	13.09	-0.259	3.19	-10.12	0.2875	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs4712981	13.73	13.09	-0.259	3.33	-3.97	0.2875	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs12199613	6.42	6.13	-0.129	1.48	1.82	0.3995	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs9379858	25.25	24.06	0.444	5.17	2.29	0.1225	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs9379859	25.25	24.06	-0.444	5.17	4.15	0.1225	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs12176317	25.25	24.06	-0.444	5.17	-5.76	0.1225	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs9379870	13.73	13.09	-0.259	3.27	-4.14	0.2875	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs13218591	14.75	14.07	0.277	3.36	-1.72	0.3015	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs1979	25.1	23.91	-0.443	5.07	-0.96	0.1206	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs4712984	5.95	5.69	-0.118	1.82	0.99	0.4188	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs1796518	12.46	11.89	-0.236	4.29	10.12	0.345	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs7756881	3.39	3.25	0.064	2.99	11.38	0.1825	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs1796520	3.92	3.75	-0.072	0.79	32.25	0.4625	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BTN3A2	KS9USpO4f4ClciEdl	rs4320356	5.28	5.05	-0.104	1.3	45.01	0.435	11.146	0.609	8.504	10.84	11.252	11.535	12.677	Yes
BXDC1	Z6hXT6N694ooRF6TaM	rs11751660	10.97	10.47	0.212	3.05	-3.4	0.2375	10.269	0.233	9.727	10.098	10.272	10.434	10.934	
BXDC1	Z6hXT6N694ooRF6TaM	rs7748974	5.25	5.02	0.103	0.82	9.1	0.4112	10.269	0.233	9.727	10.098	10.272	10.434	10.934	
BXDC1	Z6hXT6N694ooRF6TaM	rs13202203	8.75	8.35	0.174	2.69	19.67	0.225	10.269	0.233	9.727	10.098	10.272	10.434	10.934	
BYSL	NeCFSNKkuEJRkHn7p0	rs6913232	4.45	4.26	-0.087	1.19	14.36	0.415	8.075	0.237	7.557	7.909	8.076	8.217	8.87	
BYSL	NeCFSNKkuEJRkHn7p0	rs4623235	3.55	3.40	-0.068	1.27	24.07	0.4475	8.075	0.237	7.557	7.909	8.076	8.217	8.87	
C10orf116	upJRRdrrvXtWd0b1Q	rs4934282	3.46	3.32	0.064	1.26	1.81	0.4725	7.164	0.054	7.105	7.126	7.15	7.182	7.449	
C10orf116	upJRRdrrvXtWd0b1Q	rs1240375	4.39	4.20	-0.084	0.82	2.53	0.405	7.164	0.054	7.105	7.126	7.15	7.182	7.449	
C10orf116	upJRRdrrvXtWd0b1Q	rs1240402	4.65	4.44	-0.09	1.91	11.18	0.3475	7.164	0.054	7.105	7.126	7.15	7.182	7.449	
C10orf119	oBsw17OIKAeLlde7BU	rs2273747	9.84	9.39	0.195	4.52	2.54	0.1675	7.919	0.2	7.313	7.776	7.925	8.046	8.709	
C10orf119	oBsw17OIKAeLlde7BU	rs17681175	11.51	10.98	0.229	4.92	14.6	0.1168	7.919	0.2	7.313	7.776	7.925	8.046	8.709	
C10orf119	oBsw17OIKAeLlde7BU	rs2475321	4.2	4.02	0.082	1.99	14.71	0.4725	7.919	0.2	7.313	7.776	7.925	8.046	8.709	
C10orf119	oBsw17OIKAeLlde7BU	rs2456709	4.01	3.84	0.079	1.99	-16	0.4749	7.919	0.2	7.313	7.776	7.925	8.046	8.709	
C10orf47	3kuEX_7_zt1JlIsEiU	rs7893993	3.82	3.66	-0.072	3.15	8.79	0.29	7.258	0.106	7.107	7.18	7.243	7.311	7.735	
C11orf10	ELpdHFTqf6LXFxneo	rs968567	4.91	4.70	0.095	2.27	35.48	0.1975	12.849	0.291	12.112	12.665	12.891	13.028	14.15	
C11orf10	ELpdHFTqf6LXFxneo	rs174579	3.61	3.45	0.069	2.02	45.53	0.2475	12.849	0.291	12.112	12.665	12.891	13.028	14.15	
C11orf17	fl..B_KuyK11Gfv5eA	rs2568061	11.88	11.33	-0.233	4.37	-46.44	0.43	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs2568061	8.53	8.15	-0.165	1.52	-46.44	0.43	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs16906256	4.35	4.16	-0.084	0.71	-45.6	0.28	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs16906256	3.83	3.67	-0.071	0.71	-45.6	0.28	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs2653565	8.53	8.14	-0.168	5.47	-39.51	0.3518	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs2653565	4.53	4.34	-0.085	0.58	-39.51	0.3518	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs1025438	3.94	3.77	-0.074	1.62	-27.24	0.108	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	fl..B_KuyK11Gfv5eA	rs10840148	11.29	10.77	0.22	4.52	-9.17	0.425	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs10840148	7.56	7.22	0.146	1.5	-9.17	0.425	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs2568029	3.56	3.41	0.066	3.24	-5.18	0.245	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	fl..B_KuyK11Gfv5eA	rs1560569	11.84	11.29	0.23	4.62	-1.74	0.42	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs1560569	7.63	7.29	0.146	1.64	-1.74	0.42	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs2653601	8.53	8.15	-0.167	5.49	1.32	0.35	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs2653601	4.29	4.11	-0.08	0.59	1.32	0.35	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs3763912	7.7	7.35	-0.153	6.09	22.69	0.4	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs3763912	3.96	3.79	-0.074	0.57	22.69	0.4	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs4929922	8.06	7.69	-0.159	2.85	34.15	0.385	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs4929922	5.54	5.29	-0.106	1.07	34.15	0.385	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs2163625	7.7	7.35	-0.154	5.67	39.91	0.407	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs2163625	3.58	3.43	-0.067	0.54	39.91	0.407	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf17	fl..B_KuyK11Gfv5eA	rs2653570	9.87	9.42	-0.193	3.63	46.2	0.4824	9.552	0.247	8.975	9.392	9.533	9.684	10.439	
C11orf17	0Lnh6tJfWohot7d.S4	rs2653570	6.49	6.20	-0.124	1.16	46.2	0.4824	8.421	0.264	7.219	8.269	8.426	8.567	9.342	
C11orf57	3l8p9jr31BVfDOnyro	rs2303436	4.12	3.95	0.078	0.41	-48.69	0.3825	8.778	0.157	8.318	8.679	8.783	8.865	9.647	
C11orf57	3l8p9jr31BVfDOnyro	rs478941	3.93	3.76	-0.074	0.2	-41.02	0.4	8.778	0.157	8.318	8.679	8.783	8.865	9.647	
C11orf57	3l8p9jr31BVfDOnyro	rs627441	3.93	3.76	-0.074	0.2	-36.85	0.4	8.778	0.157	8.318	8.679	8.783	8.865	9.647	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
C11orf57	3l8p9jr31BVfDOnyro	rs10891314	4.75	4.55	-0.091	0.5	-28.36	0.3939	8.778	0.157	8.318	8.679	8.783	8.865	9.647	
C11orf57	3l8p9jr31BVfDOnyro	rs10789859	3.86	3.69	-0.072	0.34	4.66	0.3844	8.778	0.157	8.318	8.679	8.783	8.865	9.647	
C11orf63	uXaSCn_gxnCFNVAU	rs7114583	10.13	9.67	0.198	5.15	-4.26	0.1	7.6	0.158	7.178	7.499	7.584	7.687	8.147	
C12orf26	Nk63nfuC_jVuA3V14	rs10778889	5.22	4.99	-0.11	2	-13.07	0.0975	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs4495950	3.64	3.49	-0.074	2.45	-8.14	0.1275	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs2401035	3.64	3.49	0.074	2.5	-1.16	0.1275	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs17774459	3.83	3.67	0.079	0.99	7.75	0.0525	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs7977442	3.59	3.44	-0.072	2.53	38.75	0.1307	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs4143188	3.56	3.41	-0.071	2.46	50.46	0.1325	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf26	Nk63nfuC_jVuA3V14	rs1494023	3.6	3.45	-0.072	2.33	-9.03	0.1332	9.044	0.226	8.232	8.885	9.058	9.212	9.768	
C12orf43	Zrt3iWFI86AdD7SKFQ	rs2254779	9.65	9.21	-0.2	5.6	-31.61	0.1025	8.416	0.227	7.137	8.279	8.418	8.558	9.218	
C12orf43	Zrt3iWFI86AdD7SKFQ	rs10774580	3.69	3.53	-0.072	0.69	22.12	0.435	8.416	0.227	7.137	8.279	8.418	8.558	9.218	
C12orf60	EILTTd7nASSwTX6i3o	rs247326	3.77	3.61	-0.066	1.56	-34.77	0.4175	7.28	0.101	7.116	7.203	7.267	7.33	7.662	
C12orf60	EILTTd7nASSwTX6i3o	rs11614445	3.39	3.24	0.061	1.88	-7.74	0.1709	7.28	0.101	7.116	7.203	7.267	7.33	7.662	
C12orf60	EILTTd7nASSwTX6i3o	rs11610238	4	3.83	-0.071	1.53	-1.07	0.435	7.28	0.101	7.116	7.203	7.267	7.33	7.662	
C14orf130	WKgj5UpR4SiY1XDoxU	rs7157141	3.67	3.52	-0.07	1.72	-43.46	0.4525	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1268843	5.24	5.01	-0.103	2.64	-29.04	0.2425	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1270629	7.5	7.16	0.148	4.71	-27.01	0.2513	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1046099	4.35	4.17	-0.083	2.38	-23.92	0.3275	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs2749411	3.73	3.57	0.072	1.68	1.67	0.27	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1029795	6.31	6.03	0.124	1.69	5.33	0.4472	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1017097	4.7	4.50	0.092	2.02	7.25	0.3525	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs3783899	5.46	5.22	-0.105	3.08	9.44	0.14	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs11160108	10.78	10.28	-0.213	5.3	-0.28	0.41	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs2905	22.48	21.42	0.399	7.5	-0.04	0.3075	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs10144530	14.89	14.20	-0.291	6.88	0.15	0.495	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf130	WKgj5UpR4SiY1XDoxU	rs1263429	5.97	5.71	0.117	2.57	38.37	0.2025	7.983	0.236	7.5	7.82	7.952	8.133	8.85	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs17093643	6.15	5.87	0.12	3.21	-49.98	0.1125	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs1998522	5.59	5.34	0.108	0.76	-45.42	0.3291	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs1886059	24.9	23.72	-0.443	5.06	-44.01	0.2096	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs11626041	5.94	5.68	0.114	0.87	-41.28	0.325	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs4274360	24.59	23.43	-0.423	4.8	-9.8	0.185	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf132	ZnFQkXr9FOY0eH3cS4	rs7147874	4.28	4.10	0.087	3.61	3.1	0.34	7.984	0.44	7.171	7.669	7.948	8.265	9.95	
C14orf145	HLtwgbPV.EZ43XLogo	rs10129556	3.45	3.31	0.068	1.67	-47.93	0.05	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs1868633	3.31	3.17	0.066	1.05	46.4	0.16	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs12878113	3.55	3.40	-0.072	0.13	69.7	0.1375	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs17110817	4.68	4.47	-0.098	1.68	87.61	0.17	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs17110831	4.06	3.89	0.084	1.45	93.18	0.1725	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs8003492	4.69	4.49	0.097	0.75	122.53	0.3725	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs7142417	3.68	3.52	0.073	1.07	131.21	0.2975	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs1547500	3.44	3.29	-0.071	0.02	132.83	0.2725	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs7157843	4.31	4.12	-0.089	0.1	139.26	0.215	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs7158869	4.23	4.04	0.088	0.4	139.68	0.4225	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs7149459	3.55	3.40	-0.072	0.19	141.89	0.1375	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs6574594	3.32	3.18	0.066	0.15	148.32	0.1357	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs328239	3.83	3.66	0.076	1.24	-198.6	0.4925	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs6574605	4.13	3.95	-0.085	1.44	-191.3	0.4124	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf145	HLtwgbPV.EZ43XLogo	rs2590480	3.85	3.69	-0.078	1.65	-181.56	0.41	7.517	0.15	7.18	7.417	7.507	7.612	8.068	
C14orf151	K722cfrtKVHIEKtVBY	rs4983382	7.68	7.33	-0.157	2.14	18.36	0.2374	7.727	0.249	7.175	7.546	7.743	7.887	8.584	
C14orf151	K722cfrtKVHIEKtVBY	rs4983540	3.88	3.74	0.074	1.5	37.42	0.198	7.727	0.249	7.175	7.546	7.743	7.887	8.584	
C14orf173	Qf5R5SI3leSeAfpTQ	rs4983382	5.38	5.11	-0.108	1.35	3.56	0.2374	8.683	0.609	7.45	8.23	8.593	9.061	10.461	
C14orf173	Qf5R5SI3leSeAfpTQ	rs4983540	3.51	3.36	0.067	1.08	22.63	0.198	8.683	0.609	7.45	8.23	8.593	9.061	10.461	
C14orf174	QulgB09GOHnQF1dl6o	rs1046428	3.85	3.69	0.078	1.25	-49.48	0.215	7.872	0.198	7.363	7.737	7.869	8.006	8.936	
C14orf32	iTV_PXV47rAekR1Krc	rs2340943	3.61	3.46	0.064	2.33	-0.39	0.2125	9.876	0.232	8.993	9.742	9.894	10.026	10.469	
C14orf32	iTV_PXV47rAekR1Krc	rs11626816	3.91	3.74	-0.071	1.84	28.42	0.26	9.876	0.232	8.993	9.742	9.894	10.026	10.469	
C14orf32	iTV_PXV47rAekR1Krc	rs11627884	3.91	3.74	-0.071	1.84	28.94	0.26	9.876	0.232	8.993	9.742	9.894	10.026	10.469	
C14orf43	34Kf76KoSJEoEL_Et4	rs6830	3.7	3.52	0.071	1.97	-13.39	0.3125	9.488	0.329	8.482	9.314	9.49	9.7	10.796	
C14orf79	oiXeuPw6iVUvN5woAc	rs2241865	12.18	11.64	0.216	3.08	-2.71	0.1142	7.31	0.132	7.127	7.233	7.283	7.372	8.324	Yes
C14orf94	oyeeXXDFxnLqFF9F6o	rs2295687	5.73	5.48	-0.117	3.19	-5.22	0.4475	9.542	0.379	8.537	9.345	9.575	9.792	10.822	
C14orf94	oyeeXXDFxnLqFF9F6o	rs3751497	3.84	3.68	0.075	2.57	49.63	0.4225	9.542	0.379	8.537	9.345	9.575	9.792	10.822	
C16orf30	N1J.XryZBmnUYURkFQ	rs2745111	4.23	4.05	-0.079	2.86	-18.84	0.145	10.382	0.474	8.597	10.101	10.365	10.674	11.545	
C16orf30	N1J.XryZBmnUYURkFQ	rs2235638	3.35	3.20	-0.061	1.05	-9.77	0.0678	10.382	0.474	8.597	10.101	10.365	10.674	11.545	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)						SNP mapping under probe	
									Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
C16orf30	N1J.XryZBmnUYURkfQ	rs8049972	5.55	5.30	0.105	1.6	9.95	0.09	10.382	0.474	8.597	10.101	10.365	10.674	11.545	
C16orf30	N1J.XryZBmnUYURkfQ	rs11648609	5.2	4.97	0.098	1.66	10.62	0.0603	10.382	0.474	8.597	10.101	10.365	10.674	11.545	
C16orf30	N1J.XryZBmnUYURkfQ	rs8052868	6.95	6.64	0.132	1.62	21.93	0.125	10.382	0.474	8.597	10.101	10.365	10.674	11.545	
C16orf30	N1J.XryZBmnUYURkfQ	rs9934342	6.95	6.64	-0.132	1.76	27.38	0.125	10.382	0.474	8.597	10.101	10.365	10.674	11.545	
C16orf33	xeunif.VJKDq12DTbk	rs216596	8.15	7.78	-0.161	1.99	-2.12	0.165	9.435	0.302	8.732	9.218	9.412	9.637	10.326	
C16orf33	xeunif.VJKDq12DTbk	rs1045001	8.19	7.82	0.162	2.03	-0.17	0.16	9.435	0.302	8.732	9.218	9.412	9.637	10.326	
C16orf33	xeunif.VJKDq12DTbk	rs216600	5.96	5.70	0.116	2.36	2.72	0.1525	9.435	0.302	8.732	9.218	9.412	9.637	10.326	
C16orf70	c6epT9OnQJd6qdCgp4	rs9033	3.64	3.49	-0.074	0.49	-0.44	0.4523	7.433	0.124	7.145	7.35	7.435	7.518	7.71	
C16orf72	HG0ydl.3nXtlcH6TqQ	rs3743832	4.25	4.07	-0.081	1.9	0.32	0.4196	9.436	0.295	8.511	9.266	9.484	9.643	10.029	
C16orf72	HG0ydl.3nXtlcH6TqQ	rs9926522	4.22	4.04	-0.081	1.8	3.39	0.415	9.436	0.295	8.511	9.266	9.484	9.643	10.029	
C16orf75	3aVeAhBJ1f3n2hFHQE	rs8057417	9.3	8.88	0.191	1.58	-46.54	0.255	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs12596260	3.64	3.48	-0.07	1.59	-41.05	0.2225	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs12928822	6.35	6.06	0.125	2.73	-35.42	0.1975	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs12927773	6.39	6.11	0.126	2.73	-35.35	0.2	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs1345879	11.27	10.75	-0.223	2.37	-34.55	0.28	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs7191700	16.44	15.67	0.311	5.74	-32.51	0.36	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf75	3aVeAhBJ1f3n2hFHQE	rs7203508	12.24	11.67	0.247	3.77	-10.68	0.4091	8.126	0.268	7.481	7.937	8.111	8.273	8.823	Yes
C16orf80	HI5V.LuqojF.FOB8SDw	rs10445014	4.68	4.47	-0.094	2.25	-2.32	0.0725	9.44	0.235	8.843	9.285	9.457	9.597	10.316	
C16orf80	HI5V.LuqojF.FOB8SDw	rs11860708	5.76	5.51	0.117	2.35	15.3	0.085	9.44	0.235	8.843	9.285	9.457	9.597	10.316	
C16orf80	HI5V.LuqojF.FOB8SDw	rs1875525	3.79	3.63	-0.075	2.28	38.55	0.065	9.44	0.235	8.843	9.285	9.457	9.597	10.316	
C16orf80	HI5V.LuqojF.FOB8SDw	rs1875522	3.79	3.63	-0.075	2.28	38.81	0.065	9.44	0.235	8.843	9.285	9.457	9.597	10.316	
C16orf80	HI5V.LuqojF.FOB8SDw	rs1393203	3.79	3.63	-0.075	2.28	43.91	0.065	9.44	0.235	8.843	9.285	9.457	9.597	10.316	
C17orf48	Zru.f560RU466cd4o0	rs2662959	3.57	3.42	0.069	2.78	-17.38	0.3925	9.628	0.317	8.638	9.431	9.631	9.804	10.423	
C17orf75	c.y7dHpVMD1GFsgvkv	rs763545	4.13	3.96	-0.08	1.58	-32.65	0.4	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf75	c.y7dHpVMD1GFsgvkv	rs17732573	4.4	4.21	0.085	1.92	-30.72	0.4675	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf75	c.y7dHpVMD1GFsgvkv	rs4794915	8.44	8.06	-0.165	3.79	-24.02	0.4271	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf75	c.y7dHpVMD1GFsgvkv	rs2041306	13.62	12.99	-0.259	5.29	-3.51	0.4125	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf75	c.y7dHpVMD1GFsgvkv	rs11080180	5.94	5.68	0.118	2.56	13.81	0.4175	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf75	c.y7dHpVMD1GFsgvkv	rs2286645	13.35	12.73	-0.255	5.83	27.1	0.415	7.574	0.285	7.121	7.354	7.532	7.746	8.478	
C17orf80	ICX24fd3LI9uV7vIR4	rs1052705	6.25	5.97	0.119	1.28	-36.89	0.4825	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs1010442	6.25	5.97	0.119	1.27	-36.4	0.4825	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs4969082	3.29	3.15	-0.058	0.88	-34.34	0.295	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs1026128	6.25	5.97	0.119	1.28	-32.55	0.4825	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs8076989	3.84	3.68	-0.071	1.14	-17.42	0.385	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs3736364	6.63	6.33	0.126	1.29	-0.59	0.465	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs12449824	6.58	6.29	-0.126	1.29	0.96	0.4675	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs4605239	7.19	6.87	-0.138	1.55	-6.71	0.465	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs1566286	6.8	6.49	-0.131	1.35	-5.23	0.4625	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C17orf80	ICX24fd3LI9uV7vIR4	rs7211297	6.29	6.01	-0.12	1.13	6.03	0.4749	7.841	0.241	7.168	7.69	7.853	8.002	8.372	
C18orf10	TFhPJSnbLil1lkr7ns	rs621834	3.85	3.69	0.072	1.57	-24.5	0.3025	8.235	0.276	7.106	8.054	8.245	8.402	9.147	
C18orf10	TFhPJSnbLil1lkr7ns	rs12373339	6.78	6.48	0.13	0.73	1.99	0.2875	8.235	0.276	7.106	8.054	8.245	8.402	9.147	
C18orf10	TFhPJSnbLil1lkr7ns	rs1045781	10.16	9.70	-0.193	0.92	-10.24	0.265	8.235	0.276	7.106	8.054	8.245	8.402	9.147	
C18orf10	TFhPJSnbLil1lkr7ns	rs3909692	10.43	9.95	-0.199	1.09	27.21	0.28	8.235	0.276	7.106	8.054	8.245	8.402	9.147	
C18orf21	xp2ApCJUK2v9IEXE3o	rs1893790	3.78	3.62	0.072	2.98	-8.93	0.075	9.577	0.214	8.327	9.476	9.597	9.721	9.965	
C18orf21	xp2ApCJUK2v9IEXE3o	rs2276314	4.63	4.43	-0.095	3.91	-1.77	0.205	9.577	0.214	8.327	9.476	9.597	9.721	9.965	
C18orf21	xp2ApCJUK2v9IEXE3o	rs4799838	4.41	4.22	0.091	3.79	38.29	0.2111	9.577	0.214	8.327	9.476	9.597	9.721	9.965	
C18orf21	xp2ApCJUK2v9IEXE3o	rs10502656	4.59	4.39	-0.089	2.97	49.15	0.075	9.577	0.214	8.327	9.476	9.597	9.721	9.965	
C18orf45	rVSKASr84keEjt9XqQ	rs1865307	4.25	4.07	-0.083	2.03	4.31	0.4525	7.313	0.139	7.111	7.215	7.284	7.354	7.794	Yes
C18orf45	rVSKASr84keEjt9XqQ	rs4800466	3.92	3.76	-0.077	1.91	15.05	0.4925	7.313	0.139	7.111	7.215	7.284	7.354	7.794	Yes
C18orf45	rVSKASr84keEjt9XqQ	rs8092489	3.93	3.76	0.077	1.65	21.33	0.445	7.313	0.139	7.111	7.215	7.284	7.354	7.794	Yes
C19orf12	ieUqXZ31TeALXrL34o	rs6509542	7.89	7.54	-0.158	3.51	-38.77	0.235	8.967	0.386	7.966	8.751	8.981	9.228	10.14	
C19orf12	ieUqXZ31TeALXrL34o	rs9566	3.67	3.52	-0.07	1.04	-0.12	0.3425	8.967	0.386	7.966	8.751	8.981	9.228	10.14	
C19orf12	ieUqXZ31TeALXrL34o	rs3746314	4.58	4.38	-0.092	0.4	4.55	0.0955	8.967	0.386	7.966	8.751	8.981	9.228	10.14	
C19orf28	Td6KP6rIXdpKqSgsoM	rs3760999	3.64	3.48	-0.071	1.3	-23.64	0.27	8.206	0.331	7.554	7.961	8.141	8.366	9.567	
C19orf28	Td6KP6rIXdpKqSgsoM	rs10155	3.65	3.49	0.072	1.55	-9.36	0.2688	8.206	0.331	7.554	7.961	8.141	8.366	9.567	
C19orf28	Td6KP6rIXdpKqSgsoM	rs17674497	3.54	3.39	0.07	1.51	1.68	0.285	8.206	0.331	7.554	7.961	8.141	8.366	9.567	
C19orf48	9kpQkqQVRFfHMAk34I	rs9991	3.9	3.74	-0.073	3.17	0.27	0.3116	9.146	0.234	8.514	8.988	9.13	9.277	10.064	
C19orf48	9kpQkqQVRFfHMAk34I	rs4801853	3.74	3.58	0.07	3.01	0.43	0.3116	9.146	0.234	8.514	8.988	9.13	9.277	10.064	
C19orf48	9kpQkqQVRFfHMAk34I	rs3745528	3.88	3.72	0.072	3.01	1.1	0.31	9.146	0.234	8.514	8.988	9.13	9.277	10.064	
C19orf48	9kpQkqQVRFfHMAk34I	rs2288417	3.69	3.53	0.068	4.52	0.08	0.125	9.146	0.234	8.514	8.988	9.13	9.277	10.064	
C19orf48	9kpQkqQVRFfHMAk34I	rs12052047	3.64	3.49	-0.068	4.37	13.11	0.1256	9.146	0.234	8.514	8.988	9.13	9.277	10.064	
C1QR1	iukJL3.SSP_VHPXeJ4	rs844879	3.3	3.16	0.06	1.14	35.69	0.1025	9.67	1.132	7.519	8.702	9.552	10.591	12.453	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	Minimum	percentile	percentile	percentile	Maximum		
C1QTNF1	BCZVgppWOXhp05pdfv4	rs3744168	5.2	4.97	-0.103	0.79	-42.71	0.2387	7.124	0.021	7.097	7.11	7.118	7.131	7.245	
C1QTNF1	BCZVgppWOXhp05pdfv4	rs2377301	3.68	3.53	0.07	0.53	-36.1	0.12	7.124	0.021	7.097	7.11	7.118	7.131	7.245	
C1QTNF1	BCZVgppWOXhp05pdfv4	rs9916285	5.22	4.99	-0.103	0.57	-35.63	0.24	7.124	0.021	7.097	7.11	7.118	7.131	7.245	
C1QTNF1	BCZVgppWOXhp05pdfv4	rs9896857	4.76	4.55	0.092	0.56	-33.73	0.1775	7.124	0.021	7.097	7.11	7.118	7.131	7.245	
C1QTNF1	BCZVgppWOXhp05pdfv4	rs4789848	4.13	3.95	0.079	0.21	-27.11	0.15	7.124	0.021	7.097	7.11	7.118	7.131	7.245	
C1QTNF4	ixplxJBRpCxNF91p9c	rs2280231	5.01	4.79	0.102	6.57	-10.78	0.2825	7.176	0.072	7.103	7.134	7.154	7.19	7.585	
C1QTNF4	ixplxJBRpCxNF91p9c	rs7120548	5.42	5.18	-0.109	6.34	38.99	0.305	7.176	0.072	7.103	7.134	7.154	7.19	7.585	
C1QTNF4	ixplxJBRpCxNF91p9c	rs10838738	7.46	7.13	-0.151	8.7	39.11	0.3875	7.176	0.072	7.103	7.134	7.154	7.19	7.585	
C1QTNF6	QquC6VWCCDoFRFTJ3VQ	rs4820273	3.75	3.59	-0.075	2.91	31.35	0.14	7.253	0.074	7.13	7.203	7.235	7.289	7.528	
C1QTNF6	QquC6VWCCDoFRFTJ3VQ	rs12170612	3.87	3.70	-0.073	3.61	47.85	0.115	7.253	0.074	7.13	7.203	7.235	7.289	7.528	
C1RL	o1QCkrkOORHzFVJR0o	rs1801046	4.35	4.16	0.083	1.71	-4.85	0.26	8.483	0.239	7.988	8.321	8.505	8.652	9.532	
C1orf123	rdVLQqQxvlijgFmNVU0	rs3736118	3.56	3.41	-0.069	3.31	-1.97	0.305	10.077	0.284	7.992	9.921	10.083	10.268	10.769	
C1orf123	rdVLQqQxvlijgFmNVU0	rs2275087	3.64	3.41	0.069	3.11	8.1	0.305	10.077	0.284	7.992	9.921	10.083	10.268	10.769	
C1orf124	EsEOVoMxtcHEVfXNJ4	rs2250704	4.93	4.72	-0.101	1.29	-3.34	0.3075	7.174	0.047	7.105	7.139	7.16	7.199	7.423	
C1orf124	EsEOVoMxtcHEVfXNJ4	rs2437150	4.63	4.43	-0.096	1.04	-1.47	0.3157	7.174	0.047	7.105	7.139	7.16	7.199	7.423	
C1orf124	EsEOVoMxtcHEVfXNJ4	rs973252	4.97	4.76	-0.102	1.28	30.81	0.305	7.174	0.047	7.105	7.139	7.16	7.199	7.423	
C1orf149	uUrdX9_ip_qeKDecs	rs7544462	3.43	3.28	-0.06	2	4.58	0.075	7.82	0.13	7.472	7.732	7.809	7.916	8.295	
C1orf156	Evziop8AN6g7F.hdek	rs12027035	3.37	3.23	-0.061	1.36	-23.47	0.1625	8.386	0.372	7.117	8.203	8.441	8.659	9.129	
C1orf156	Evziop8AN6g7F.hdek	rs11581380	3.42	3.27	0.062	1.4	-18.59	0.16	8.386	0.372	7.117	8.203	8.441	8.659	9.129	
C1orf156	Evziop8AN6g7F.hdek	rs2272920	8.41	8.03	-0.171	3.28	35.85	0.0925	8.386	0.372	7.117	8.203	8.441	8.659	9.129	
C1orf165	xWJaLxokf0uKCQMbbU	rs1934409	3.82	3.66	-0.069	1.47	-19.6	0.0975	7.364	0.113	7.115	7.287	7.365	7.426	7.84	Yes
C1orf165	xWJaLxokf0uKCQMbbU	rs12739065	5.45	5.22	0.102	1.78	-8.18	0.0575	7.364	0.113	7.115	7.287	7.365	7.426	7.84	Yes
C1orf178	0R3HToffVBPKr5SWg	rs2358994	3.89	3.72	-0.074	1	-0.54	0.18	7.162	0.045	7.098	7.13	7.15	7.19	7.345	
C1orf188	BS8QIZ5.VAdeSV14tY	rs2247392	4.92	4.71	-0.098	2.78	-10.77	0.2775	7.718	0.296	7.204	7.466	7.684	7.897	8.757	
C1orf188	BS8QIZ5.VAdeSV14tY	rs1064721	4.11	3.93	-0.082	1.78	0.52	0.0575	7.718	0.296	7.204	7.466	7.684	7.897	8.757	
C1orf188	BS8QIZ5.VAdeSV14tY	rs1802353	3.46	3.31	-0.067	0.91	3.82	0.08	7.718	0.296	7.204	7.466	7.684	7.897	8.757	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs3766398	5.93	5.66	-0.117	2.96	3.06	0.3317	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs3766400	5.59	5.34	-0.11	2.6	3.13	0.3342	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs2236074	5.24	5.01	0.102	4.47	-1.8	0.3775	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs1467464	6.87	6.56	0.138	4.52	-1.53	0.392	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs17257252	5.78	5.52	0.116	3.36	7.3	0.2286	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs7536088	7.19	6.87	-0.144	4.97	21.14	0.3875	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf38	o.7wbeUVUd0VUJ3CVU	rs11247723	3.34	3.20	-0.062	1.92	38.52	0.2475	7.556	0.277	7.136	7.354	7.518	7.749	8.637	
C1orf48	We18LINB3SdX7J.7qM	rs6678961	4.2	4.02	0.079	2.16	-16.16	0.304	10.508	0.297	8.681	10.345	10.54	10.72	11.419	
C1orf48	We18LINB3SdX7J.7qM	rs15702	4.6	4.41	0.087	2.05	0.92	0.3075	10.508	0.297	8.681	10.345	10.54	10.72	11.419	
C1orf48	We18LINB3SdX7J.7qM	rs4951639	4.6	4.41	-0.087	2.05	10.65	0.3075	10.508	0.297	8.681	10.345	10.54	10.72	11.419	
C1orf48	We18LINB3SdX7J.7qM	rs10864002	4.6	4.41	0.087	2.05	32.26	0.3075	10.508	0.297	8.681	10.345	10.54	10.72	11.419	
C1orf57	9llzbhubkiSSguCEbk	rs10465473	6	5.74	0.118	2.91	-49.98	0.3225	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs2224402	3.81	3.64	-0.072	1.97	-34.03	0.31	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs1555392	30.31	28.87	0.506	6.41	-26.39	0.21	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs1555393	30.31	28.87	0.506	6.41	-26.21	0.21	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs3820124	30.51	29.06	-0.511	6.24	-1.63	0.2075	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs12744791	12.19	11.62	-0.241	2.47	3.36	0.1375	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs6424261	26.29	25.04	0.46	6.42	3.85	0.1925	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs4141442	27.08	25.79	-0.467	5.76	12.51	0.235	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs7523847	27.08	25.79	-0.467	5.56	-13.81	0.235	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs12035585	6.28	6.00	-0.125	1.96	-11.43	0.1225	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs743195	13.62	12.99	-0.269	3.74	13.2	0.18	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf57	9llzbhubkiSSguCEbk	rs6424262	3.89	3.72	-0.073	1.79	29.86	0.32	8.979	0.36	7.764	8.757	8.945	9.19	9.96	Yes
C1orf84	6NzshHNSix11NPoeS1Q	rs710251	3.79	3.63	0.072	2.19	-29.24	0.3275	7.185	0.048	7.106	7.153	7.176	7.207	7.372	
C1orf84	6NzshHNSix11NPoeS1Q	rs6954	3.44	3.29	0.064	1.36	44.08	0.36	7.185	0.048	7.106	7.153	7.176	7.207	7.372	
C1orf85	rqEqc_MK1X675ffk3U	rs933489	6.75	6.45	0.132	1.79	-27.36	0.47	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs6684514	4.27	4.08	0.084	2.47	-7.03	0.2875	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs10908495	4.27	4.08	0.084	2.47	1.46	0.2875	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs10908496	4.27	4.08	0.084	2.47	-1.45	0.2875	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs10908498	4.27	4.08	0.084	2.47	12.73	0.2875	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs2249790	3.85	3.68	0.076	0.98	21.91	0.26	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs10908502	4.27	4.08	-0.084	2.47	34.63	0.2875	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf85	rqEqc_MK1X675ffk3U	rs2274226	7.14	6.82	-0.142	1.48	49.18	0.48	9.534	0.314	8.764	9.341	9.507	9.715	10.628	
C1orf96	9PeigQKepEw0QJUjPRE	rs237802	9.37	8.95	-0.175	3.55	5.04	0.3175	7.296	0.112	7.113	7.223	7.278	7.355	8.096	
C20orf195	uIQWNcwvRTQipYhdRK	rs438363	3.8	3.64	-0.072	0.93	10.31	0.0833	7.288	0.152	7.11	7.191	7.25	7.336	8.155	
C20orf196	9OdyR1f13l2l4p6hPE	rs6139863	3.43	3.28	0.066	1.85	22.91	0.345	8.538	0.295	7.772	8.335	8.541	8.738	9.484	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
C20orf196	9OdyR1f13124p6hPE	rs2326701	3.56	3.41	-0.069	2.03	42.19	0.325	8.538	0.295	7.772	8.335	8.541	8.738	9.484	
C20orf22	o67h4JQSuEa02CJJIQ	rs2474762	4.13	3.96	0.081	0.65	-34.3	0.0775	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs11697384	14.02	13.37	0.276	6.02	-18.78	0.2925	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs2274890	16.25	15.49	-0.321	6.29	25.64	0.25	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs6083828	24.42	23.26	0.454	9.37	-1.54	0.4225	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs2482911	25.15	23.96	0.464	9.46	24.07	0.415	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs6076347	17.44	16.62	0.336	7.01	27.34	0.49	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs2500406	16.91	16.12	-0.327	7.89	30.41	0.3392	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf22	o67h4JQSuEa02CJJIQ	rs4423675	21.5	20.49	-0.403	8.4	31.32	0.465	7.615	0.202	7.238	7.474	7.604	7.754	8.358	Yes
C20orf30	iedOPUKNJeJyKHI0U	rs735204	4.54	4.34	-0.092	1.66	-4.71	0.4875	12.565	0.318	9.279	12.445	12.594	12.706	13.144	
C20orf30	iedOPUKNJeJyKHI0U	rs6053111	3.78	3.61	-0.076	0.88	1.45	0.3675	12.565	0.318	9.279	12.445	12.594	12.706	13.144	
C20orf72	f7V6v6gHwOVPEleqCo	rs910901	4.38	4.19	-0.083	2.32	-16.08	0.35	9.474	0.206	8.809	9.325	9.49	9.613	10.086	
C20orf72	f7V6v6gHwOVPEleqCo	rs4519603	4.56	4.36	0.087	2.32	-2.12	0.3467	9.474	0.206	8.809	9.325	9.49	9.613	10.086	
C20orf72	f7V6v6gHwOVPEleqCo	rs6105852	6.96	6.65	0.136	3.27	5.39	0.485	9.474	0.206	8.809	9.325	9.49	9.613	10.086	
C20orf94	3XUhn84AMFSpKRJAWk	rs6032908	3.5	3.36	-0.067	1.84	-15.25	0.2825	7.467	0.267	7.118	7.25	7.404	7.664	8.361	
C20orf94	3XUhn84AMFSpKRJAWk	rs1232597	3.98	3.81	-0.077	1.12	1.6	0.3636	7.467	0.267	7.118	7.25	7.404	7.664	8.361	
C20orf94	3XUhn84AMFSpKRJAWk	rs1051421	3.6	3.48	-0.07	1.4	16.25	0.245	7.467	0.267	7.118	7.25	7.404	7.664	8.361	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839127	3.43	3.25	0.071	1.49	-7.52	0.175	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839133	12.41	11.84	-0.242	3.7	10.7	0.2425	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs12482934	5.04	4.82	-0.101	1.77	1.03	0.0975	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839151	4.29	4.10	0.083	0.79	28.69	0.0925	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839155	7.14	6.82	-0.146	3.23	35.69	0.46	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2280958	7.14	6.82	-0.146	3.12	37.72	0.46	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2280957	7.14	6.82	-0.146	3.12	37.97	0.46	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839159	4.23	4.05	0.086	0.67	47.64	0.235	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf56	oJi9dNBFxoNeCSaVhc	rs2839160	13.49	12.86	-0.267	4.35	47.88	0.47	7.726	0.325	7.124	7.511	7.698	7.937	8.712	
C21orf57	BmLTVTSiJlH2SwjY4	rs2839168	8.76	8.36	0.174	5.35	-44.65	0.415	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	Bki6SSO9SCiCmuehic	rs2839168	3.85	3.68	0.077	4.09	-44.65	0.415	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	Bki6SSO9SCiCmuehic	rs2839178	12.42	11.85	-0.246	4.92	-27.49	0.3125	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	BmLTVTSiJlH2SwjY4	rs2839178	10.85	10.35	-0.207	4.24	-27.49	0.3125	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	HhTqu0GP.tV4tZd5ug	rs2839178	3.52	3.37	-0.067	1.69	-27.49	0.3125	7.166	0.056	7.101	7.125	7.15	7.189	7.48	
C21orf57	BmLTVTSiJlH2SwjY4	rs2839179	7.31	6.98	-0.147	3.43	-25.23	0.23	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	Bki6SSO9SCiCmuehic	rs2839179	3.93	3.76	-0.08	3.86	-25.23	0.23	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	BmLTVTSiJlH2SwjY4	rs2839182	23.15	22.05	-0.404	6.36	-20.11	0.16	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	Bki6SSO9SCiCmuehic	rs2839182	19.48	18.57	-0.368	6.17	-20.11	0.16	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	HhTqu0GP.tV4tZd5ug	rs2839186	5.48	5.24	-0.111	1.23	-16.2	0.44	7.166	0.056	7.101	7.125	7.15	7.189	7.48	
C21orf57	Bki6SSO9SCiCmuehic	rs2839186	3.53	3.38	-0.069	0.72	-16.2	0.44	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	Bki6SSO9SCiCmuehic	rs2839188	4.07	3.90	-0.079	0.51	-13.47	0.36	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	HhTqu0GP.tV4tZd5ug	rs2839188	3.84	3.67	-0.073	0.53	-13.47	0.36	7.166	0.056	7.101	7.125	7.15	7.189	7.48	
C21orf57	BmLTVTSiJlH2SwjY4	rs2839193	8.48	8.09	0.168	3.87	-7.92	0.2725	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	Bki6SSO9SCiCmuehic	rs2839193	3.8	3.64	0.075	4.06	-7.92	0.2725	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	HhTqu0GP.tV4tZd5ug	rs4438580	3.7	3.54	0.071	0.93	-5.77	0.0905	7.166	0.056	7.101	7.125	7.15	7.189	7.48	
C21orf57	BmLTVTSiJlH2SwjY4	rs914249	19.91	18.97	0.362	6.61	1.27	0.3241	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf57	Bki6SSO9SCiCmuehic	rs914249	19.32	18.41	0.368	5.32	1.27	0.3241	8.666	0.525	7.751	8.309	8.548	8.997	10.436	
C21orf57	HhTqu0GP.tV4tZd5ug	rs914249	4.64	4.44	0.092	0.99	6.82	0.3241	7.166	0.056	7.101	7.125	7.15	7.189	7.48	
C21orf57	BmLTVTSiJlH2SwjY4	rs11701361	4.22	4.04	-0.077	2.2	46.81	0.2325	9.187	0.402	8.17	8.906	9.148	9.45	10.496	
C21orf7	ouF0SwE3eX_Xu7veqg	rs2832236	3.51	3.36	0.065	0.71	-0.6	0.4625	9.557	1.026	8.07	8.752	9.192	10.283	13.38	
C22orf9	HdnkkTnm5TJoomaW3w	rs132829	3.82	3.66	0.073	1.7	-37.05	0.1325	7.119	0.032	7.092	7.104	7.11	7.124	7.406	
C22orf9	xiX8tVnegpSkvyuwMo	rs132829	3.61	3.51	0.065	1.36	-37.05	0.1325	7.768	0.287	7.335	7.555	7.696	7.942	8.797	
C2orf15	KgqHpEo3f3qAl_r0us	rs11692699	19.08	18.18	0.342	3.21	-27.53	0.3325	7.893	0.227	7.108	7.747	7.892	8.031	8.477	
C2orf15	KgqHpEo3f3qAl_r0us	rs6717729	17.85	17.01	0.323	3.07	-1.24	0.3266	7.893	0.227	7.108	7.747	7.892	8.031	8.477	
C2orf15	KgqHpEo3f3qAl_r0us	rs2516835	20.17	19.23	0.357	3.24	11.18	0.3543	7.893	0.227	7.108	7.747	7.892	8.031	8.477	
C2orf26	ocv.0ZeQ36Lcr5ft3U	rs7590230	3.98	3.83	0.077	1.06	-18.82	0.2325	7.685	0.305	7.145	7.46	7.628	7.876	8.671	
C2orf27	EUE53Dn0j0Ln.1Hv1U	rs7585022	4.28	4.10	-0.084	3.59	17.15	0.2125	7.179	0.068	7.103	7.138	7.159	7.205	7.787	
C2orf27	EUE53Dn0j0Ln.1Hv1U	rs13033319	3.95	3.78	-0.077	3.16	35.29	0.2161	7.179	0.068	7.103	7.138	7.159	7.205	7.787	
C2orf43	xqAJQnUhCi57yVCqCl	rs3072	4.4	4.21	0.085	1.62	-6.41	0.365	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs7255	3.94	3.77	-0.076	1.33	-6	0.435	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs13385191	12.26	11.69	-0.24	3.59	3.45	0.201	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs340596	7.57	7.23	0.152	1.6	4.94	0.4697	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs340620	5.12	4.90	-0.099	1.24	39.29	0.3625	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs564125	4.55	4.36	-0.089	1.48	51.7	0.4475	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf43	xqAJQnUhCi57yVCqCl	rs653347	4.55	4.36	-0.089	1.48	54.89	0.4475	8.275	0.172	7.759	8.174	8.281	8.383	8.782	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
C2orf43	xqAJQnUhCi57yVCqCl	rs514459	5.99	5.73	-0.118	1.14	-37.3	0.2325	8.275	0.172	7.759	8.174	8.281	8.383	8.782	
C2orf63	Q3wUnion7EEZxs56_o	rs1444262	4.14	3.96	-0.078	1.15	-48.27	0.3575	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs4672025	3.86	3.69	-0.074	0.73	-18.56	0.305	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs7349405	15.76	15.03	-0.3	4.81	-11.49	0.1275	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs3935223	4.61	4.41	0.088	0.57	-10.07	0.4698	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs6759911	4.62	4.42	-0.088	0.72	-8.82	0.4875	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs4435493	13	12.40	-0.247	3.7	-10.13	0.22	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs2589094	5.63	5.38	-0.11	1.32	23.57	0.245	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C2orf63	Q3wUnion7EEZxs56_o	rs1056445	5.29	5.06	-0.103	1.2	31.37	0.25	7.679	0.299	7.181	7.474	7.615	7.828	9.059	
C3AR1	og2g3eqvqFSQqR8EBU	rs11057065	3.92	3.76	0.076	1.02	-2.67	0.3175	7.739	0.341	7.257	7.495	7.644	7.887	9.096	
C3orf10	xlyunxSVC1U7_h.SeE	rs3774208	7.04	6.72	0.138	3.6	-4.15	0.085	10.623	0.297	9.707	10.427	10.617	10.826	11.348	
C3orf15	TeCpSOsHE8q.mreOtk	rs7617287	7.38	7.05	-0.156	2.52	-3.34	0.1338	7.166	0.042	7.1	7.137	7.158	7.189	7.334	
C3orf15	TeCpSOsHE8q.mreOtk	rs10934496	4.7	4.50	-0.095	1.13	11.43	0.1784	7.166	0.042	7.1	7.137	7.158	7.189	7.334	
C3orf15	TeCpSOsHE8q.mreOtk	rs6778570	4.71	4.50	-0.094	1.18	16.73	0.1775	7.166	0.042	7.1	7.137	7.158	7.189	7.334	
C3orf31	TnTjVh7ojuuYcpeCC0	rs440746	8.52	8.40	-0.172	4.77	0.2	0.4625	9.585	0.308	8.012	9.412	9.607	9.789	10.219	
C3orf31	TnTjVh7ojuuYcpeCC0	rs430373	7.09	6.77	0.143	4	1.01	0.465	9.585	0.308	8.012	9.412	9.607	9.789	10.219	
C3orf31	TnTjVh7ojuuYcpeCC0	rs303850	7.76	7.41	-0.156	3.72	8	0.4225	9.585	0.308	8.012	9.412	9.607	9.789	10.219	
C3orf52	NDiV6vAtLuCpJ7uakY	rs10511304	3.8	3.64	0.07	1.21	-11.28	0.1875	7.272	0.084	7.118	7.216	7.262	7.311	7.792	
C4BPB	iUt5C_NSGnVAU7iCK	rs6690037	3.96	3.79	0.076	3.47	1.25	0.5	7.395	0.168	7.119	7.279	7.374	7.475	8.493	Yes
C4orf14	Hk3WkcxF4KBL.hbWU	rs1625691	4.36	4.17	0.082	5.54	1.91	0.2825	10.558	0.186	10.048	10.418	10.56	10.701	10.972	
C4orf32	N_qS0pP7N.rkKELAE4	rs10004030	5.2	4.97	-0.103	2.43	-47.51	0.2625	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs1968489	4.44	4.24	0.086	2.41	-32.17	0.2475	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs6836984	4.72	4.52	-0.093	1.9	-26.85	0.3858	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs12500953	4.85	4.63	-0.094	2.05	-24.26	0.3875	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs7682303	4.85	4.63	0.094	2.09	-23.74	0.3875	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs1521477	3.54	3.39	-0.068	1.53	-16.38	0.4641	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs4833392	4.83	4.62	-0.096	1.97	-8.28	0.285	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs1436136	3.91	3.75	-0.074	1.73	-3.15	0.465	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf32	N_qS0pP7N.rkKELAE4	rs4834244	3.31	3.17	-0.062	1.78	40.33	0.49	8.318	0.405	7.514	8.04	8.268	8.51	9.529	
C4orf33	r44yMUGS6efluKkqD0	rs4975193	10.18	9.71	-0.205	5.25	-34.28	0.198	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs2592948	5.36	5.12	0.108	3.52	-20.22	0.3425	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs1757936	6.25	5.97	0.129	4.34	-3.02	0.25	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs10518544	4.75	4.55	0.091	1.33	-4.64	0.105	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs337277	9.83	9.39	-0.196	5.28	-3.19	0.1975	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs1699387	9.83	9.39	0.196	5.28	-2.35	0.1975	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs17014243	4.13	3.95	0.082	4.19	23.92	0.0905	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs4513585	3.4	3.26	0.066	1.57	38.74	0.4171	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C4orf33	r44yMUGS6efluKkqD0	rs4616770	3.52	3.37	-0.067	1.65	38.81	0.315	8.277	0.343	7.162	8.038	8.262	8.504	9.4	
C5	BoEXXQFxr0oO.nqlgl	rs7037673	6.51	6.22	0.123	2.14	25.87	0.4026	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs4837805	4	3.83	-0.072	0.25	31.64	0.395	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs10818495	5.34	5.10	0.1	0.98	42.57	0.475	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs7040319	5.34	5.10	-0.1	0.98	44.64	0.475	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs2300932	4.57	4.37	0.083	0.62	-42.12	0.4075	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs10116271	6.86	6.55	0.129	1.52	-34.41	0.495	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs993247	8.27	7.97	0.158	2.22	-27.3	0.4146	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs10818500	3.62	3.40	0.067	0.84	-1.67	0.4362	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5	BoEXXQFxr0oO.nqlgl	rs10818504	8.05	7.68	0.154	2.43	48.13	0.405	7.949	0.207	7.503	7.826	7.931	8.048	9.118	
C5orf21	ckUJz5.on9zKxyU1by	rs2119449	3.74	3.58	-0.073	0.78	161.9	0.0761	9.457	0.326	7.236	9.298	9.508	9.667	9.975	
C5orf34	fkoh4VlctUil5UdPbQ	rs6895327	3.96	3.79	0.08	1.06	11.1	0.46	7.35	0.101	7.128	7.292	7.34	7.408	7.704	
C5orf35	TIR9ju_9_2R8qEONCg	rs832573	18.19	17.34	-0.357	5.05	-45.52	0.2321	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832574	7.56	7.22	-0.154	4.33	-45.22	0.4075	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832575	15.22	14.51	-0.304	4.75	-43.31	0.13	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832577	22.76	21.69	-0.417	5.36	-41.31	0.295	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832581	7.56	7.22	0.154	4.33	-30.65	0.4075	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs702689	18.91	18.02	-0.361	5.28	-27.66	0.2325	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832582	25.92	24.69	-0.461	5.34	-27.36	0.1675	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs832540	21.59	20.57	-0.402	5.81	-5.9	0.2925	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs33320	21.17	20.18	0.395	5.65	1.43	0.225	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs40497	7.58	7.24	0.154	4.19	-3.27	0.3875	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs252890	24.38	23.23	-0.442	6.55	13.4	0.3025	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs2591961	30.72	29.26	-0.526	5.73	25.59	0.23	7.837	0.278	7.107	7.642	7.874	8.005	8.991	
C5orf35	TIR9ju_9_2R8qEONCg	rs2662027	20.4	19.44	-0.384	5.71	41.48	0.11	7.837	0.278	7.107	7.642	7.874	8.005	8.991	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10), GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum	
C5orf35	TIR9ju_9_2R8qEONCg	rs2662024	23.98	22.85	0.437	7.25	44.51	0.3075	7.837	0.278	7.107	7.642	7.874	8.005	8.991
C5orf48	iSg7g3gkUlU6jUx6U	rs11958842	3.9	3.73	-0.079	1.74	-4.36	0.0578	7.143	0.024	7.097	7.126	7.139	7.155	7.23
C6orf105	EHqA3v3feJCT0qSswE	rs932345	3.32	3.18	0.062	0.59	20.95	0.4375	9.658	0.711	7.146	9.207	9.627	10.205	11.212
C6orf129	TGdtzlx6FO4i6R9VEE	rs9380673	9.1	8.68	-0.18	2.65	-35.58	0.495	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs1224127	11.99	11.44	-0.234	2.8	-33.15	0.3325	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2270687	9.08	8.67	0.18	2.63	-32.45	0.495	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2776906	11.99	11.44	-0.234	2.81	-18.95	0.3325	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs904251	11.07	10.56	0.215	3.44	0.99	0.3575	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs756202	11.81	11.26	-0.231	2.88	-7.35	0.3342	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2797793	8.95	8.54	-0.179	3.03	9.56	0.4125	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs1757188	9.24	8.82	0.182	2.36	16.11	0.49	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs1757171	12.06	11.50	-0.233	3.71	19.35	0.3375	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs11754662	4.44	4.25	-0.084	2.66	24.64	0.3175	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs1541227	4.48	4.28	0.087	1.11	34.17	0.2	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2797780	5.09	4.87	-0.102	1.38	38.72	0.275	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2776882	4.74	4.54	-0.094	2.01	40.38	0.2725	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs12211948	7.78	7.43	-0.154	1.98	42.5	0.4598	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf129	TGdtzlx6FO4i6R9VEE	rs2797777	4.61	4.41	0.09	2.21	43.23	0.27	9.863	0.441	8.468	9.539	9.874	10.133	10.902
C6orf148	f1XqC6o4iiC36fR.64	rs6453659	5.78	5.53	-0.116	1.45	-20.93	0.245	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf148	f1XqC6o4iiC36fR.64	rs10943084	5.54	5.29	0.111	1	-3.2	0.105	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf148	f1XqC6o4iiC36fR.64	rs4708042	6.24	5.96	-0.126	2.87	2.48	0.2425	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf148	f1XqC6o4iiC36fR.64	rs10943088	5.82	5.56	-0.117	1.12	11.8	0.1106	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf148	f1XqC6o4iiC36fR.64	rs2168113	5.19	4.96	0.104	2.31	24.86	0.1825	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf148	f1XqC6o4iiC36fR.64	rs555779	4.78	4.57	-0.095	1.72	41.55	0.185	7.15	0.032	7.101	7.13	7.143	7.164	7.343
C6orf151	ZiVKkevM9LKAEb0kdI	rs10484325	4	3.83	0.08	2.01	-33.38	0.1425	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs2757632	3.78	3.62	-0.072	1.66	-28.77	0.4	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs11755954	5.04	4.82	-0.103	2.39	-21.11	0.1407	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs2757592	4.38	4.19	0.086	1.83	-3.24	0.2975	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs6931192	7.48	7.14	-0.149	3.35	-0.25	0.2	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs6597271	21.32	20.31	-0.4	4.68	10.04	0.093	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs17398289	11.96	11.41	0.25	3.57	-10.76	0.0644	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs2757599	3.45	3.30	-0.067	2.97	0.07	0.4075	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf151	ZiVKkevM9LKAEb0kdI	rs2181111	4.73	4.53	0.093	0.89	12.74	0.445	7.947	0.223	7.374	7.801	7.963	8.096	8.821
C6orf162	iFR6K4gkg6X6_16Rek	rs9450659	3.77	3.61	-0.071	1.43	7.2	0.28	7.849	0.18	7.426	7.727	7.826	7.948	8.37
C6orf162	iFR6K4gkg6X6_16Rek	rs12661729	4.79	4.58	0.089	1.98	36.19	0.101	7.849	0.18	7.426	7.727	7.826	7.948	8.37
C6orf191	uk6nm47_K5OL4016dQ	rs4256453	3.64	3.49	0.069	3.09	-46.27	0.4175	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs11968591	4.17	3.99	0.079	3.46	-36.16	0.39	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs4897345	4.12	3.94	0.079	3.59	-35.1	0.4	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs2326871	5.71	5.46	0.111	3.71	-11.35	0.385	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9402178	6.37	6.09	0.124	3.24	-5.13	0.165	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs7776426	10.33	9.86	0.2	5.39	0.13	0.465	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9492393	12.79	12.20	0.248	4.95	2.28	0.3575	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9321191	9.08	8.67	0.178	4.22	13.3	0.225	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs1480513	9.84	9.39	0.196	4.59	13.6	0.4588	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9483068	3.63	3.48	0.068	2.97	-13.71	0.36	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9402186	7.03	6.72	-0.139	4.34	-10.75	0.245	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9398926	6.61	6.31	0.13	3.69	-7.49	0.165	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9321194	10.52	10.03	0.207	5.41	-7.28	0.3	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs6939565	8.42	8.03	0.167	5.15	11.79	0.47	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs10499166	9.44	9.07	-0.183	4.94	13.24	0.455	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs1337778	5.41	5.15	-0.107	4.26	15.04	0.42	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf191	uk6nm47_K5OL4016dQ	rs9375674	7.63	7.28	0.155	4.68	34.09	0.4725	7.295	0.145	7.114	7.182	7.261	7.382	7.899
C6orf192	Wrl7P01ciStJdfvCOY	rs9321367	5.79	5.54	-0.112	1.56	-6.15	0.0675	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs1467404	5.59	5.35	-0.108	1.53	-0.37	0.105	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs9389032	10.61	10.12	0.203	2.45	3.18	0.0553	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs9389033	10.65	10.16	-0.203	2.45	-13.21	0.055	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs9493446	5.59	5.35	-0.108	1.55	5.9	0.105	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs5006218	5.59	5.35	0.108	1.51	6.47	0.105	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf192	Wrl7P01ciStJdfvCOY	rs12211425	10.79	10.30	-0.207	2.47	12.75	0.0578	10.023	0.311	8.709	9.838	9.989	10.196	11.578
C6orf224	ll14kKxTp5SH0rgdAo	rs1054607	4.43	4.24	0.081	2.36	0.35	0.2864	7.257	0.14	7.105	7.158	7.22	7.293	8.088
C6orf224	ll14kKxTp5SH0rgdAo	rs9766863	4.68	4.48	-0.085	2.12	4.34	0.275	7.257	0.14	7.105	7.158	7.22	7.293	8.088
C6orf224	ll14kKxTp5SH0rgdAo	rs1321206	5.04	4.82	0.092	2.26	11.39	0.27	7.257	0.14	7.105	7.158	7.22	7.293	8.088

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
C6orf54	BX3oJ0PNGJE66AG6lo	rs1132306	3.64	3.49	-0.075	0.37	-49.66	0.3995	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs9364371	6.63	6.33	0.138	1.39	-44.49	0.2096	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs9346633	3.67	3.51	0.075	0.34	-37.35	0.3975	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs6918659	5.62	5.37	-0.118	0.89	-11.35	0.2814	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs6455468	9.11	8.70	0.19	1.1	-8.56	0.1675	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs9455927	5.04	4.82	-0.103	0.4	-7.73	0.27	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs12203032	14.37	13.70	-0.291	1.72	-1.64	0.1558	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs2516808	4	3.83	0.081	1.46	7.22	0.4095	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs1858675	4.21	4.03	0.089	3.08	15.44	0.395	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs11751451	15.18	14.47	-0.301	2.1	15.64	0.15	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs9364385	4.19	4.01	-0.089	3.08	17.61	0.3945	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf54	BX3oJ0PNGJE66AG6lo	rs454629	4.23	4.04	0.089	2.24	22.04	0.4125	7.155	0.073	7.106	7.121	7.131	7.151	7.618
C6orf64	WX_IPqL_nXsJTWtCQ	rs9968886	3.63	3.48	0.07	1.81	-11.36	0.15	8.688	0.337	7.684	8.484	8.679	8.856	9.698
C6orf64	WX_IPqL_nXsJTWtCQ	rs6458094	5.41	5.17	-0.112	0.94	-2.57	0.395	8.688	0.337	7.684	8.484	8.679	8.856	9.698
C6orf64	WX_IPqL_nXsJTWtCQ	rs179271	5.81	5.56	0.119	1.18	-3.76	0.405	8.688	0.337	7.684	8.484	8.679	8.856	9.698
C6orf64	WX_IPqL_nXsJTWtCQ	rs228813	3.38	3.23	0.065	1.3	2.84	0.2025	8.688	0.337	7.684	8.484	8.679	8.856	9.698
C6orf64	WX_IPqL_nXsJTWtCQ	rs182767	4.21	4.03	0.083	1.67	8.94	0.2714	8.688	0.337	7.684	8.484	8.679	8.856	9.698
C6orf85	rd23IKRRdn9O1bu.4	rs13219577	3.37	3.22	-0.065	2.15	-76.26	0.35	7.98	0.321	7.327	7.725	7.933	8.223	8.988
C6orf85	rd23IKRRdn9O1bu.4	rs1079284	3.49	3.35	0.067	2.84	-72.67	0.36	7.98	0.321	7.327	7.725	7.933	8.223	8.988
C7orf13	u6Cir3EoHplniHqGQU	rs6980337	7.24	6.92	-0.146	1.48	1.43	0.3775	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C7orf13	u6Cir3EoHplniHqGQU	rs4716437	6.69	6.39	0.135	1.99	8.92	0.2575	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C7orf13	u6Cir3EoHplniHqGQU	rs6945589	8.4	8.02	-0.175	2.14	23.16	0.3077	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C7orf13	u6Cir3EoHplniHqGQU	rs6965850	7.08	6.76	-0.143	1.52	23.62	0.375	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C7orf13	u6Cir3EoHplniHqGQU	rs2365511	4.32	4.13	0.087	1.72	31	0.4774	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C7orf13	u6Cir3EoHplniHqGQU	rs12007	6.52	6.23	0.131	1.95	36.5	0.34	7.298	0.097	7.109	7.237	7.288	7.355	7.6
C8orf31	Kobev3nqeV3TqCX8NE	rs11136299	4.19	4.01	0.082	2.43	3.83	0.3819	7.169	0.063	7.101	7.132	7.158	7.18	7.544
C8orf31	Kobev3nqeV3TqCX8NE	rs12675829	4.19	4.01	0.082	2.56	10.68	0.445	7.169	0.063	7.101	7.132	7.158	7.18	7.544
C8orf31	Kobev3nqeV3TqCX8NE	rs6988480	4.37	4.18	-0.085	2.35	35.1	0.3925	7.169	0.063	7.101	7.132	7.158	7.18	7.544
C8orf32	TILDb.70JlruiisUIU	rs6999234	10.35	9.88	-0.211	3.16	11.21	0.345	8.196	0.15	7.714	8.099	8.179	8.299	8.634
C8orf32	TILDb.70JlruiisUIU	rs7014678	10.35	9.88	-0.211	3.16	-5.52	0.345	8.196	0.15	7.714	8.099	8.179	8.299	8.634
C8orf32	TILDb.70JlruiisUIU	rs3824250	10.35	9.88	-0.211	2.99	-4.79	0.345	8.196	0.15	7.714	8.099	8.179	8.299	8.634
C8orf32	TILDb.70JlruiisUIU	rs3824254	4.56	4.36	0.088	2.9	7	0.3425	8.196	0.15	7.714	8.099	8.179	8.299	8.634
C8orf32	TILDb.70JlruiisUIU	rs6470153	4.56	4.36	0.088	2.9	9.24	0.3425	8.196	0.15	7.714	8.099	8.179	8.299	8.634
C8orf37	rkkT0oDSXQD9yUFU	rs2514572	3.86	3.70	-0.074	2.57	-22.78	0.0678	7.116	0.013	7.098	7.107	7.114	7.123	7.174
C8orf40	KdQunQC_IESoF5EzUo	rs2272685	5.39	5.15	0.109	1.65	-42.65	0.4125	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf40	KdQunQC_IESoF5EzUo	rs7818789	5.32	5.08	0.108	1.47	-42.5	0.425	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf40	KdQunQC_IESoF5EzUo	rs2974298	4.88	4.67	-0.1	1.37	-20.28	0.4673	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf40	KdQunQC_IESoF5EzUo	rs2974352	6.11	5.84	-0.126	2.18	0.36	0.3975	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf40	KdQunQC_IESoF5EzUo	rs2356610	6.76	6.46	0.141	2.43	38.12	0.3864	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf40	KdQunQC_IESoF5EzUo	rs7004796	5.5	5.26	0.113	1.15	42.05	0.465	10.372	0.282	8.25	10.224	10.366	10.565	10.945
C8orf46	fohepNC53.CCqc1SKE	rs2303519	4.31	4.13	-0.084	4.09	-36.58	0.1825	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs2555575	6.89	6.58	0.14	3.93	-30.25	0.4725	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs1060242	8.3	7.92	0.166	4.19	-25.24	0.4825	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs1978566	6.09	5.82	0.121	3.95	-20.68	0.395	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs10283103	3.53	3.38	0.068	3.57	-12.15	0.21	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs4386964	3.41	3.26	0.065	3.54	-9.86	0.205	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C8orf46	fohepNC53.CCqc1SKE	rs9657084	3.29	3.15	0.062	2.7	1.42	0.1575	7.261	0.094	7.116	7.19	7.248	7.314	7.63
C9orf135	6eUSv_ie39chNRaPok	rs17517599	65.13	61.99	-0.794	6.8	-25.41	0.0875	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs9314727	9.22	8.80	0.183	2.77	-18.49	0.285	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs10511972	5.58	5.33	-0.113	1.76	6.81	0.4623	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs4439190	10.92	10.42	-0.223	3.47	10.32	0.304	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs10521434	74.8	71.18	0.842	7.27	13.26	0.0975	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs4263835	3.63	3.47	-0.07	2.96	15.3	0.365	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs13284442	5.94	5.67	0.117	2.35	-32.73	0.2638	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs10780686	3.58	3.43	-0.07	1.84	-28.19	0.36	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf135	6eUSv_ie39chNRaPok	rs6559841	5.83	5.57	-0.123	1.8	-12.85	0.385	7.266	0.333	7.099	7.113	7.121	7.137	8.602
C9orf156	TTOHPXuq1_u3cq3wok	rs6586	4.63	4.43	0.086	2.72	0.16	0.38	9.813	0.231	8.886	9.692	9.797	9.954	10.496
C9orf156	TTOHPXuq1_u3cq3wok	rs1561958	4.43	4.24	0.082	2.52	3.03	0.3775	9.813	0.231	8.886	9.692	9.797	9.954	10.496
C9orf3	WrvJSkREAp192wGSXU	rs471161	3.39	3.25	-0.063	1.57	11.59	0.11	7.215	0.062	7.102	7.163	7.212	7.247	7.485
C9orf3	WrvJSkREAp192wGSXU	rs380205	3.39	3.25	0.063	1.57	42.56	0.11	7.215	0.062	7.102	7.163	7.212	7.247	7.485
C9orf30	opQDUkjlmlu4jplooE	rs2026998	5.58	5.23	0.113	2.15	-8.05	0.205	8.378	0.231	7.785	8.215	8.36	8.545	9.087
C9orf30	opQDUkjlmlu4jplooE	rs10989094	3.71	3.56	0.073	1.72	-10.92	0.2625	8.378	0.231	7.785	8.215	8.36	8.545	9.087

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
C9orf30	opQDUkjlmlu4jplooE	rs10989097	3.71	3.56	0.073	1.72	-1.71	0.2625	8.378	0.231	7.785	8.215	8.36	8.545	9.087	
C9orf30	opQDUkjlmlu4jplooE	rs7865385	4.06	3.88	-0.081	2.72	34.07	0.1802	8.378	0.231	7.785	8.215	8.36	8.545	9.087	
C9orf46	uIJfXrVj71PCfzXRCU	rs2381277	3.55	3.40	-0.07	0.88	23.9	0.36	10.132	0.411	8.617	9.99	10.206	10.363	10.747	
C9orf91	0qzIUIXoCnn_iCniJ	rs7853552	4.18	4.00	-0.08	1.64	-12.84	0.205	8.137	0.165	7.733	8.024	8.123	8.234	8.699	
C9orf94	cbpel.8okKullIXxUSM	rs7019789	4.01	3.84	-0.074	2.5	22.29	0.2625	7.111	0.008	7.096	7.105	7.109	7.116	7.147	
C9orf95	rdXdSomTlxJlnRLiOg	rs11144203	3.96	3.79	0.075	1.28	-6.04	0.12	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs911737	3.62	3.47	0.07	1.31	4.7	0.43	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs3752955	10.85	10.35	-0.208	3.06	8.57	0.4175	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs2273766	7.06	6.75	-0.134	2.6	-5.47	0.3325	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs10869497	6.32	6.04	0.122	1.36	2.47	0.4724	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs3780178	7.49	7.16	0.142	2.21	5.05	0.3375	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs10123421	3.91	3.74	0.074	1.21	10.18	0.2449	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs10869503	6.25	5.97	-0.12	2.36	23.51	0.3225	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
C9orf95	rdXdSomTlxJlnRLiOg	rs7872448	4.29	4.11	0.083	1.06	45.87	0.2576	10.259	0.374	9.224	10.005	10.28	10.513	11.133	
CA6	BV6pJ76j3jwCKoBJTU	rs12091891	9.07	8.66	0.178	1.8	-5.7	0.06	7.194	0.065	7.103	7.148	7.179	7.225	7.542	
CA6	BV6pJ76j3jwCKoBJTU	rs6692694	4.23	4.05	0.083	2.17	-5.04	0.1175	7.194	0.065	7.103	7.148	7.179	7.225	7.542	
CACHD1	ZRrwCeeUvJQHfPQRQPk	rs11808959	3.76	3.60	0.071	2.34	44.8	0.1075	7.341	0.18	7.103	7.203	7.313	7.455	8.001	
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs2058112	3.93	3.76	-0.073	1.28	-38.97	0.1275	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs2108642	6.61	6.31	-0.127	1.85	-34.32	0.47	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs2286383	7.57	7.23	0.146	1.74	-9.75	0.435	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs9805049	7.57	7.23	-0.146	1.74	-7.47	0.435	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs1044471	3.58	3.48	-0.067	1.14	-4.17	0.48	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs7294540	11	10.50	-0.209	4.03	-1.41	0.41	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs1044825	10.75	10.26	-0.205	4.17	0.36	0.4125	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CACNA2D4	ilV8SSCEeSdghJ8Lpl	rs2887631	4.07	3.89	0.075	1.92	33.46	0.245	8.206	0.239	7.396	8.05	8.2	8.343	8.925	Yes
CADM1	QeSdz1iV8kVPWFMsw0	rs17117977	3.48	3.33	0.07	1.29	-43.59	0.1775	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs2427650	3.75	3.59	0.073	4.44	-43.38	0.4575	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs4938180	5.43	5.19	0.107	3.67	-4	0.44	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs4936322	5.02	4.80	-0.1	2.75	16.52	0.4015	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs7101437	5.62	5.37	-0.113	3.85	18.62	0.3669	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs6589485	3.8	3.64	0.077	3.58	38.86	0.425	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADM1	QeSdz1iV8kVPWFMsw0	rs11602686	3.56	3.41	-0.07	1.61	55.62	0.4975	7.375	0.138	7.132	7.263	7.355	7.465	7.819	
CADPS	uilDs4k17fepdULjo	rs514606	3.89	3.72	-0.076	2.29	-28.82	0.1475	7.128	0.017	7.101	7.117	7.127	7.137	7.211	
CAMK4	i6ByKklySKlJ4le6KI	rs7709420	4.97	4.75	-0.098	1.21	-15.46	0.21	8.36	0.304	7.287	8.166	8.369	8.547	9.384	
CAMK4	i6ByKklySKlJ4le6KI	rs9285875	4.05	3.88	-0.082	0.82	8.38	0.2475	8.36	0.304	7.287	8.166	8.369	8.547	9.384	
CAMKK2	KOMbAZ1.qBU9ipJaag	rs3794207	4.06	3.88	0.08	2.7	4.69	0.3425	8.349	0.465	7.467	8.031	8.274	8.569	10.018	Yes
CAMLG	ZrdJSVyleffu.u097U	rs2108665	4.63	4.43	0.091	1.97	48.49	0.1025	12.067	0.206	11.575	11.929	12.073	12.197	12.545	
CAMSAP1	ubvYRJZ3e17AyoHAp4	rs3739464	3.37	3.23	0.059	0.14	5.65	0.1	8.728	0.23	8.123	8.583	8.724	8.863	9.771	
CAMSAP1	ubvYRJZ3e17AyoHAp4	rs10114302	3.35	3.21	-0.059	0.12	17.55	0.1025	8.728	0.23	8.123	8.583	8.724	8.863	9.771	
CAMSAP1	ubvYRJZ3e17AyoHAp4	rs12345642	3.45	3.31	0.06	0.91	29.64	0.2425	8.728	0.23	8.123	8.583	8.724	8.863	9.771	
CAPN11	NlB98V1OfntedEXF54	rs6938938	21.14	20.14	-0.384	1.75	-11.05	0.1005	7.319	0.219	7.11	7.178	7.25	7.363	8.21	
CAPN12	oFHel5sddHSAQgSYSU	rs749702	4.45	4.26	-0.089	1.5	-30.94	0.12	7.639	0.231	7.167	7.465	7.597	7.815	8.226	
CAPN12	oFHel5sddHSAQgSYSU	rs4802747	3.51	3.36	-0.067	2.67	-30.24	0.1875	7.639	0.231	7.167	7.465	7.597	7.815	8.226	
CAPN12	oFHel5sddHSAQgSYSU	rs12978914	7.05	6.73	-0.14	2.87	2.88	0.075	7.639	0.231	7.167	7.465	7.597	7.815	8.226	
CAPN12	oFHel5sddHSAQgSYSU	rs2368524	4.08	3.91	0.078	1.83	17.12	0.0925	7.639	0.231	7.167	7.465	7.597	7.815	8.226	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs1316409	3.44	3.29	0.066	2.45	2.62	0.3625	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	TZRe5fE1K9KTRyf1RE	rs1316409	3.34	3.20	0.062	2.51	2.62	0.3625	7.113	0.009	7.096	7.107	7.112	7.118	7.146	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs1890350	3.4	3.26	-0.067	3.02	11.2	0.495	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs7523730	4.08	3.91	0.082	2.52	14.73	0.3643	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs4847011	3.9	3.74	0.078	2.13	16.85	0.34	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs12121628	3.9	3.74	0.078	2.18	17.59	0.34	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs12129824	4.18	4.00	-0.085	2.91	23.93	0.3367	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	Qu6BTxlSr0dV3TbWl8	rs11122597	3.57	3.42	0.071	2.91	-24.57	0.385	7.129	0.023	7.102	7.115	7.125	7.139	7.311	
CAPN9	TZRe5fE1K9KTRyf1RE	rs11122597	3.52	3.38	0.067	1.96	-24.57	0.385	7.113	0.009	7.096	7.107	7.112	7.118	7.146	
CARD8	o4O4PKFJkODnQvqqqY	rs1062808	9.69	9.25	0.188	3.7	-0.04	0.3275	9.165	0.358	8.166	8.957	9.148	9.424	10.044	
CARD8	o4O4PKFJkODnQvqqqY	rs6509365	6.05	5.79	-0.118	2.58	-9.46	0.3125	9.165	0.358	8.166	8.957	9.148	9.424	10.044	
CARD8	o4O4PKFJkODnQvqqqY	rs6509366	6.3	6.02	0.122	3.04	-9.35	0.309	9.165	0.358	8.166	8.957	9.148	9.424	10.044	
CARD8	o4O4PKFJkODnQvqqqY	rs17360180	7.26	6.93	-0.142	2.93	33.84	0.175	9.165	0.358	8.166	8.957	9.148	9.424	10.044	
CARHSP1	fqu9WINJElzhT5BBd0	rs2075827	4.46	4.27	0.086	3.34	-6.95	0.2525	10.336	0.293	9.561	10.123	10.327	10.537	11.068	Yes
CASC1	xuUTnndxSPnScdcF1E	rs1979522	3.66	3.50	0.064	0.68	-17.33	0.115	7.174	0.051	7.103	7.142	7.168	7.191	7.574	
CASC1	xuUTnndxSPnScdcF1E	rs10842513	6.93	6.62	0.127	0.5	36.56	0.1075	7.174	0.051	7.103	7.142	7.168	7.191	7.574	
CASP7	ZqEuKSiCBCA6OwI6VM	rs12769185	4.15	3.97	0.079	1.75	-6.46	0.395	7.978	0.26	7.138	7.817	7.996	8.136	9.025	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
CBR3	3J4Sj3rg5ueVKFLghl	rs2409758	9.57	9.13	-0.19	3.3	-16.61	0.3375	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs4816519	4.02	3.84	-0.076	4.7	-12.29	0.1125	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs2212922	8.31	7.93	-0.165	1.61	-8.91	0.4675	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs8133052	5.23	5.00	-0.105	1.06	0.24	0.4615	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs1541320	5.91	5.65	0.12	5.06	-4.54	0.12	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs1056892	7.52	7.19	0.148	2.53	-0.15	0.3625	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs1028997	7.52	7.19	0.148	2.5	13.36	0.3625	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs13046990	7.03	6.72	0.141	1.27	14.54	0.06	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs2239567	4.17	3.99	0.087	4.35	17.55	0.1396	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CBR3	3J4Sj3rg5ueVKFLghl	rs2835314	3.5	3.36	0.065	0.74	49.84	0.4125	8.99	0.509	7.785	8.623	8.978	9.344	10.249	
CC2D1B	6m0essool7VJ9N_14g	rs7513934	9.61	9.18	0.183	3.28	1.92	0.4925	7.791	0.206	7.138	7.655	7.796	7.914	8.386	
CCDC123	QB91KER0YoSm5KEFUg	rs10404771	3.44	3.29	-0.065	0.7	-11.89	0.205	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs745961	9.7	9.26	-0.189	6.07	0.17	0.35	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs2868197	10.8	10.31	0.209	6.3	7.15	0.355	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs7253956	4.01	3.84	-0.077	1.26	22.59	0.38	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs10425973	8.82	8.42	0.173	3.29	35.19	0.195	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs11668957	8.82	8.42	-0.173	3.29	39.07	0.195	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs4805827	6.11	5.84	-0.122	3.62	-39.37	0.36	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs6510306	6.11	5.84	-0.122	3.78	-30.16	0.36	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs8107282	6.98	6.67	0.138	4.36	-14.66	0.46	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC123	QB91KER0YoSm5KEFUg	rs2304102	4.87	4.66	-0.095	4.47	4.49	0.3925	7.463	0.139	7.199	7.361	7.453	7.538	8.05	
CCDC127	Kq3XVjneWe_qm6.fgk	rs6885136	5.88	5.62	0.116	0.65	-31.68	0.4475	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs4956987	6.01	5.74	-0.118	0.77	-30.77	0.4875	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs7727015	6.54	6.25	0.129	0.93	-19.38	0.485	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs6874933	5.2	4.97	0.104	1.46	-16.13	0.4822	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs1054174	8.07	7.71	-0.161	0.68	0.08	0.275	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs6878087	4.23	4.05	-0.081	0.72	4.82	0.1375	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC127	Kq3XVjneWe_qm6.fgk	rs6869925	4.23	4.05	-0.081	0.72	45.74	0.1375	9.45	0.284	8.785	9.233	9.463	9.673	10.299	
CCDC134	92oolIroruvuuiJFJw	rs17377643	4.9	4.68	-0.095	0.26	-43.69	0.4475	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs8139203	3.85	3.69	0.072	0.29	-30.26	0.3275	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs6519287	3.85	3.69	-0.072	0.29	-27.41	0.3275	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs738247	3.81	3.65	0.072	0.34	-6.37	0.33	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs2267439	3.79	3.63	0.072	2	15.47	0.3175	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs133280	3.6	3.45	-0.066	0.14	33.22	0.48	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs714015	3.71	3.55	-0.068	0.12	36.8	0.485	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC134	92oolIroruvuuiJFJw	rs133290	3.61	3.46	0.066	0.17	45.3	0.48	7.286	0.07	7.144	7.236	7.27	7.33	7.512	
CCDC23	rH0evXVN4PpROfngiE	rs17381650	3.42	3.28	-0.067	1.55	-8.48	0.0975	11.053	0.252	10.202	10.894	11.081	11.205	11.689	
CCDC23	rH0evXVN4PpROfngiE	rs323720	7.43	7.10	-0.154	2.89	-1.7	0.275	11.053	0.252	10.202	10.894	11.081	11.205	11.689	
CCDC23	rH0evXVN4PpROfngiE	rs11210721	7.27	6.94	0.149	3.21	-0.49	0.205	11.053	0.252	10.202	10.894	11.081	11.205	11.689	
CCDC23	rH0evXVN4PpROfngiE	rs17386017	8.24	7.86	-0.168	3.6	14.16	0.24	11.053	0.252	10.202	10.894	11.081	11.205	11.689	
CCDC24	HKXUQKXpiSK3T1JeHc	rs6680421	3.54	3.39	0.066	0.61	-48.31	0.2025	7.294	0.114	7.115	7.21	7.276	7.356	7.761	
CCDC24	HKXUQKXpiSK3T1JeHc	rs4660758	4.08	3.91	0.077	0.62	-32.4	0.1925	7.294	0.114	7.115	7.21	7.276	7.356	7.761	
CCDC24	HKXUQKXpiSK3T1JeHc	rs3791124	3.39	3.25	-0.062	0.34	2	0.125	7.294	0.114	7.115	7.21	7.276	7.356	7.761	
CCDC24	HKXUQKXpiSK3T1JeHc	rs9429225	3.6	3.44	-0.065	1.36	24.04	0.12	7.294	0.114	7.115	7.21	7.276	7.356	7.761	
CCDC53	xochUjffikUjnUuXjo	rs10860831	7.09	6.77	-0.141	2.55	2.83	0.1925	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC53	xochUjffikUjnUuXjo	rs11611487	5.3	5.07	-0.105	1.08	-19.92	0.3418	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC53	xochUjffikUjnUuXjo	rs17437668	11.95	11.40	-0.232	2.83	7.29	0.185	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC53	xochUjffikUjnUuXjo	rs10507139	9.03	8.62	0.18	2.84	11.14	0.1575	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC53	xochUjffikUjnUuXjo	rs11111153	9.67	9.17	-0.197	2.6	20.24	0.2175	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC53	xochUjffikUjnUuXjo	rs10083092	10.14	9.67	0.197	2.51	22.85	0.2175	10.581	0.184	9.998	10.475	10.608	10.719	10.984	Yes
CCDC81	6eOkuCu3g614cgcXnk	rs3741005	3.59	3.44	0.066	0.94	-10.59	0.11	7.212	0.073	7.117	7.165	7.197	7.24	7.828	
CKK	3LOLFXXIoVJZTSVBqA	rs9311321	3.55	3.40	-0.069	0.16	33.65	0.0779	7.131	0.017	7.097	7.12	7.128	7.139	7.211	
CCL20	xX56r6K.R_RNOir8uc	rs3138112	4	3.83	0.077	1.32	-11.11	0.2375	7.556	0.231	7.119	7.382	7.535	7.704	8.578	
CCL20	xX56r6K.R_RNOir8uc	rs13389224	4.69	4.49	0.093	2.36	-9.54	0.3872	7.556	0.231	7.119	7.382	7.535	7.704	8.578	
CCL20	xX56r6K.R_RNOir8uc	rs11694155	8.13	7.77	-0.161	2.55	-7.15	0.1525	7.556	0.231	7.119	7.382	7.535	7.704	8.578	
CCND1	3aZ9UkUE7BaTv1JIIQ	rs7939467	3.65	3.49	0.069	1.48	-45.57	0.2814	7.394	0.186	7.103	7.256	7.372	7.489	8.022	
CCND1	3aZ9UkUE7BaTv1JIIQ	rs7948678	3.69	3.54	-0.069	1.48	-45.51	0.2825	7.394	0.186	7.103	7.256	7.372	7.489	8.022	
CCND1	3aZ9UkUE7BaTv1JIIQ	rs1872568	3.59	3.44	-0.068	1.3	-37.73	0.285	7.394	0.186	7.103	7.256	7.372	7.489	8.022	
CCND1	3aZ9UkUE7BaTv1JIIQ	rs7930159	3.57	3.42	0.067	1.41	-31.8	0.2814	7.394	0.186	7.103	7.256	7.372	7.489	8.022	
CCND1	3aZ9UkUE7BaTv1JIIQ	rs10908195	4.23	4.05	0.084	1.8	-24.46	0.301	7.394	0.186	7.103	7.256	7.372	7.489	8.022	
CCND3	Zle_EST.XCnkK.Keuk	rs4130023	3.42	3.28	-0.066	1.42	24.96	0.2025	13.483	0.294	11.812	13.333	13.48	13.643	14.227	
CCR4	feSkn.3dUchC1JekKs	rs12167	3.52	3.38	0.065	0.64	41.78	0.27	7.788	0.32	7.134	7.585	7.806	8.013	8.841	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
CCS	cR.UfUiiqlqH_XIS38	rs490998	3.4	3.26	0.063	2.33	-41.72	0.455	9.12	0.404	8.151	8.847	9.088	9.375	10.462	
CCS	cR.UfUiiqlqH_XIS38	rs556759	3.7	3.54	0.069	1.67	-1.1	0.4975	9.12	0.404	8.151	8.847	9.088	9.375	10.462	
CCT5	ZSIEX.JJff6FEt81iq0	rs2259642	7.73	7.38	0.152	3.14	3.84	0.1325	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT5	ZSIEX.JJff6FEt81iq0	rs12516390	3.62	3.46	-0.067	1.39	-5.44	0.0575	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT5	ZSIEX.JJff6FEt81iq0	rs2244722	7.73	7.38	0.152	2.92	-4.34	0.1325	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT5	ZSIEX.JJff6FEt81iq0	rs2292267	3.95	3.78	0.075	1.73	-2.92	0.055	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT5	ZSIEX.JJff6FEt81iq0	rs2244964	7.73	7.38	-0.152	2.92	-2.78	0.1325	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT5	ZSIEX.JJff6FEt81iq0	rs2578638	3.94	3.77	0.074	1.37	-0.43	0.075	8.353	0.173	7.905	8.24	8.353	8.465	8.899	
CCT8	BJz1WZHplAd6LwpQ4l	rs6516887	5.38	5.15	0.107	1.55	-26.62	0.1025	11.748	0.338	8.79	11.627	11.744	11.911	12.563	
CCT8	BJz1WZHplAd6LwpQ4l	rs1064019	4.51	4.31	0.088	2.04	3.5	0.3005	11.748	0.338	8.79	11.627	11.744	11.911	12.563	
CCT8	BJz1WZHplAd6LwpQ4l	rs8133819	7.95	7.60	-0.159	2.24	12.74	0.14	11.748	0.338	8.79	11.627	11.744	11.911	12.563	
CD151	ivVJKqIBX0RVKv9KB4	rs7126805	4.24	4.05	-0.081	1.72	-4.06	0.3225	7.667	0.252	7.173	7.491	7.634	7.817	9.029	
CD151	ivVJKqIBX0RVKv9KB4	rs3059	4.83	4.62	0.09	3.4	1.48	0.355	7.667	0.252	7.173	7.491	7.634	7.817	9.029	
CD151	ilteqJ97UXteSKLb9Q	rs3059	3.48	3.37	0.063	0.78	1.48	0.355	7.582	0.24	7.191	7.416	7.536	7.699	8.502	
CD244	QUhP0EKe6okqe4d6el	rs4656940	3.31	3.14	0.061	2.53	-2.38	0.22	7.577	0.334	7.165	7.358	7.477	7.676	9.034	
CD244	QUhP0EKe6okqe4d6el	rs955371	3.31	3.17	0.061	2.53	2.94	0.22	7.577	0.334	7.165	7.358	7.477	7.676	9.034	
CD300C	OUW.0SogkrcrodV5F.k	rs1107704	3.6	3.45	-0.066	2.27	-28.82	0.1375	8.068	0.777	7.107	7.459	7.813	8.627	10.282	
CD300C	OUW.0SogkrcrodV5F.k	rs2134874	3.29	3.15	0.06	1.67	2.94	0.355	8.068	0.777	7.107	7.459	7.813	8.627	10.282	
CD53	0dVAAtCQiHL4Ki96pSk	rs343769	5.01	4.79	-0.096	3.47	-45.4	0.2915	11.21	0.26	10.04	11.023	11.257	11.396	11.765	
CD53	0dVAAtCQiHL4Ki96pSk	rs2363536	5.09	4.87	-0.099	3.86	10.28	0.2864	11.21	0.26	10.04	11.023	11.257	11.396	11.765	
CD53	0dVAAtCQiHL4Ki96pSk	rs1102184	3.71	3.55	0.069	2.58	42.66	0.3175	11.21	0.26	10.04	11.023	11.257	11.396	11.765	
CDC16	9e1S7KBliHwXwiHo2RE	rs9562157	3.46	3.31	-0.066	0.45	-19.02	0.3	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs7994556	5.68	5.43	0.112	1.72	-2.3	0.24	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs7994573	5.67	5.42	-0.112	1.65	8.01	0.2375	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs9314907	5.68	5.43	0.112	1.72	14.79	0.24	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs11616761	3.6	3.45	-0.071	2.1	-17.64	0.09	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs7319446	5.68	5.43	-0.112	1.72	-8.99	0.24	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs9590409	5.52	5.28	-0.108	1.72	2.35	0.2375	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs9562187	3.63	3.47	0.069	0.7	3.17	0.295	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC16	9e1S7KBliHwXwiHo2RE	rs9314909	5.68	5.43	-0.112	1.65	4.87	0.24	10.164	0.477	8.045	9.856	10.136	10.478	11.554	
CDC34	W1U7e96v9G59lqieU	rs2288953	3.63	3.48	0.069	0.6	-3.09	0.45	8.583	0.328	7.448	8.39	8.542	8.754	10.273	
CDC7	uhJM0B9c6gAt66utJ4	rs12058802	3.7	3.54	-0.068	1.42	-43.19	0.4925	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs13447450	4.62	4.42	-0.089	1.83	-0.59	0.345	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs12125947	5.76	5.51	0.11	2.29	-0.83	0.48	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs625525	5.73	5.48	-0.11	2.33	6.28	0.4874	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs10493851	3.95	3.79	-0.076	1.76	11.25	0.2625	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs12134245	4.63	4.43	-0.091	2.1	30.15	0.4825	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs17501937	7.14	6.82	-0.14	4.02	30.39	0.4375	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC7	uhJM0B9c6gAt66utJ4	rs10874792	3.39	3.25	0.063	2.81	41.08	0.4825	8.219	0.292	7.417	8.019	8.203	8.388	9.059	
CDC44	33_7VUeyKGuJZJ5NBc	rs894039	3.91	3.74	0.075	3.06	-15.21	0.2	8.256	0.231	7.462	8.128	8.266	8.406	8.889	
CDC44	33_7VUeyKGuJZJ5NBc	rs7157970	3.3	3.16	-0.063	2.85	-12.34	0.325	8.256	0.231	7.462	8.128	8.266	8.406	8.889	
CDC44	33_7VUeyKGuJZJ5NBc	rs3924892	5.52	5.27	-0.111	4.16	6.77	0.2925	8.256	0.231	7.462	8.128	8.266	8.406	8.889	
CDH23	odS1C3ZxP1IE1d3noY	rs16929266	3.43	3.29	-0.066	0.4	-88.53	0.1425	9.048	0.463	8.031	8.726	9.043	9.307	10.368	
CDH23	odS1C3ZxP1IE1d3noY	rs720295	3.71	3.55	0.068	1.16	21.7	0.4375	9.048	0.463	8.031	8.726	9.043	9.307	10.368	
CDH23	odS1C3ZxP1IE1d3noY	rs7899959	3.71	3.55	0.068	0.89	24.66	0.4375	9.048	0.463	8.031	8.726	9.043	9.307	10.368	
CDK5R1	KV0u4Je273dV_R600s	rs9889352	8.61	8.22	-0.163	6.4	-38.34	0.4184	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs12162135	11.94	11.39	-0.227	6.42	-8.31	0.4648	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs756785	8.67	8.27	-0.161	5.98	-1.26	0.415	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs1018866	17.44	16.63	-0.325	9.33	11.39	0.435	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs11655031	17.87	17.03	0.331	9.51	14.89	0.4025	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs2519866	3.48	3.33	0.062	3.59	17.5	0.3207	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5R1	KV0u4Je273dV_R600s	rs721466	23.39	22.29	0.42	9.52	26.11	0.43	8.936	0.459	7.913	8.606	8.923	9.203	10.383	
CDK5RAP2	3L4p7mX66n0bfVej_c	rs10125592	18.46	17.59	-0.338	5.41	10.59	0.1225	9.631	0.438	8.147	9.361	9.678	9.929	10.91	
CDK5RAP2	3L4p7mX66n0bfVej_c	rs3780674	17.41	16.60	-0.322	4.66	15.77	0.12	9.631	0.438	8.147	9.361	9.678	9.929	10.91	
CDK5RAP2	3L4p7mX66n0bfVej_c	rs2297454	7.09	6.78	0.143	3.54	20.61	0.245	9.631	0.438	8.147	9.361	9.678	9.929	10.91	
CDK5RAP2	3L4p7mX66n0bfVej_c	rs10984922	5.32	5.07	-0.111	1.27	83.28	0.15	9.631	0.438	8.147	9.361	9.678	9.929	10.91	
CDKAL1	iSUD98OKdVe3RPI_pU	rs10946439	4.38	4.19	-0.09	1.25	1.4	0.18	7.975	0.257	7.242	7.802	7.938	8.131	8.737	
CDKL1	o3zXleqdcCp7dROhXE	rs2275591	4.27	4.09	0.083	3.21	-17.9	0.4275	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROhXE	rs12433794	4.29	4.11	0.083	3.08	-10.72	0.425	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROhXE	rs4901015	4.23	4.04	0.082	3.31	1.94	0.43	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROhXE	rs1748089	4.23	4.04	0.082	3.45	6.01	0.43	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROhXE	rs2356243	4.34	4.15	0.084	3.41	6.64	0.4325	7.242	0.062	7.115	7.196	7.237	7.283	7.485	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
CDKL1	o3zXleqdcCp7dROHXE	rs7151406	3.66	3.50	-0.07	3.16	10	0.435	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROHXE	rs11157739	3.52	3.37	-0.069	1.72	-29.36	0.3417	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKL1	o3zXleqdcCp7dROHXE	rs4901022	3.63	3.48	0.071	1.54	-28.36	0.3425	7.242	0.062	7.115	7.196	7.237	7.283	7.485	
CDKN1A	6ijm72au7nm9Erv3mk	rs1321313	3.78	3.62	0.076	0.55	-27.67	0.1964	7.133	0.049	7.097	7.113	7.121	7.135	7.458	
CDKN1A	6ijm72au7nm9Erv3mk	rs1321311	3.6	3.45	-0.071	0.53	-23.59	0.1925	7.133	0.049	7.097	7.113	7.121	7.135	7.458	
CDKN1A	6ijm72au7nm9Erv3mk	rs10807170	4.39	4.20	-0.09	1.6	-17.04	0.325	7.133	0.049	7.097	7.113	7.121	7.135	7.458	
CDKN1A	6ijm72au7nm9Erv3mk	rs4713999	4.39	4.20	-0.09	1.47	-13.42	0.325	7.133	0.049	7.097	7.113	7.121	7.135	7.458	
CDO1	NkH2p2eiBBwqkUBXel	rs364208	5.32	5.09	0.102	2.03	-14.04	0.4625	7.286	0.213	7.117	7.166	7.208	7.315	8.798	Yes
CDO1	NkH2p2eiBBwqkUBXel	rs258737	8.78	8.39	0.167	2.59	-9.5	0.3662	7.286	0.213	7.117	7.166	7.208	7.315	8.798	Yes
CDS2	xeeDX96of3TakJlqc	rs1470351	7.75	7.40	-0.152	4.37	-22.28	0.47	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
CDS2	xeeDX96of3TakJlqc	rs1470352	7.34	7.01	-0.144	3.86	-22.21	0.4625	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
CDS2	xeeDX96of3TakJlqc	rs6107589	7.31	6.98	0.144	4.3	-21.94	0.475	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
CDS2	xeeDX96of3TakJlqc	rs6053183	5.53	5.29	0.108	3.51	-6.84	0.3825	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
CDS2	xeeDX96of3TakJlqc	rs6053197	3.89	3.72	-0.073	2.97	11.36	0.3325	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
CDS2	xeeDX96of3TakJlqc	rs1028549	5.21	4.98	0.102	2.98	26.3	0.3825	8.707	0.188	8.121	8.599	8.721	8.831	9.603	
DEACAM21	ZCo6q1eeDMylXQSHU	rs3826716	3.88	3.71	0.072	4.58	-46.87	0.215	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs4802122	4.79	4.58	0.09	5.34	-34.66	0.195	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs7255742	6.63	6.33	0.126	5.73	-32.77	0.16	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs4803480	9.17	8.76	0.176	4.58	-16.31	0.1701	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs4803481	9.49	9.05	0.181	6.78	-16.03	0.2487	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs11882144	9.4	8.97	-0.177	5.46	-9.98	0.18	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs2302188	11.15	10.63	0.21	6.87	3.29	0.2375	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs1076362	3.4	3.26	-0.063	3	-2.03	0.12	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs2191240	3.41	3.26	0.061	2.13	10.3	0.1275	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs2191241	4.52	4.33	-0.084	3.3	10.36	0.15	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs4090570	3.79	3.62	-0.07	0.51	22.93	0.42	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs2215324	4.93	4.71	0.092	1.2	27.09	0.4375	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs6508987	4.71	4.50	0.087	1.52	27.58	0.4575	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
DEACAM21	ZCo6q1eeDMylXQSHU	rs929502	4.31	4.12	-0.079	1.24	37.58	0.3825	7.624	0.191	7.166	7.483	7.633	7.746	8.278	
CELSR3	HVJpXf17e7A_9bgimc	rs9834639	3.45	3.30	-0.063	1.69	-14.89	0.0578	8.151	0.307	7.347	7.936	8.142	8.331	9.164	
CENPN	Q9G111OeKZDEWferSg	rs16954368	3.63	3.47	-0.069	0.91	-29.21	0.0503	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPN	Q9G111OeKZDEWferSg	rs3743503	8.83	8.43	-0.173	2.38	-0.04	0.12	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPN	Q9G111OeKZDEWferSg	rs2602431	6.66	6.37	-0.13	2.44	14.22	0.1225	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPN	Q9G111OeKZDEWferSg	rs16954505	4.32	4.13	-0.083	1.73	17.68	0.085	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPN	Q9G111OeKZDEWferSg	rs2278022	6.37	6.09	-0.129	1.99	20.34	0.0631	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPN	Q9G111OeKZDEWferSg	rs10459872	5.31	5.08	0.105	2.39	38.47	0.085	7.955	0.239	7.449	7.79	7.917	8.086	8.793	
CENPP	WtUSYleiehCBllMgHk	rs10119535	7.61	7.27	0.146	2.35	-43.51	0.24	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs10739927	4.44	4.25	0.083	1.95	-35.66	0.37	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs10992302	6.56	6.27	0.127	2.46	-6.66	0.09	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs10992308	10.15	9.69	0.197	3.06	9.07	0.201	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs7023004	4.73	4.52	0.089	1.66	10.97	0.3725	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs7869742	4.5	4.31	0.084	1.8	-121.27	0.3875	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs10514815	5.86	5.60	-0.112	2.44	-120.75	0.35	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs2895219	6.6	6.31	-0.128	3.03	-76.89	0.365	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPP	WtUSYleiehCBllMgHk	rs10820995	9.27	8.85	0.179	2.79	-21.73	0.215	7.201	0.074	7.107	7.149	7.187	7.231	7.666	
CENPQ	iDp8S.e3rTegfgA10	rs6458687	5.01	4.79	0.1	2.11	-27.81	0.4	7.57	0.254	7.117	7.381	7.533	7.711	8.383	
CENPQ	iDp8S.e3rTegfgA10	rs2501968	5.33	5.10	0.106	2.23	-0.84	0.4375	7.57	0.254	7.117	7.381	7.533	7.711	8.383	
CENPQ	iDp8S.e3rTegfgA10	rs13220023	3.6	3.45	-0.07	3.39	14.51	0.1575	7.57	0.254	7.117	7.381	7.533	7.711	8.383	
CEP192	0VJPE0E5W5L0BYLWSK	rs3976787	3.69	3.53	-0.071	2.19	-36.6	0.4	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs8090667	3.69	3.53	-0.071	2.18	-34.43	0.4	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs8088313	7.67	7.33	-0.154	3.83	-31.29	0.385	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs6505776	7.67	7.33	0.154	3.82	-24.36	0.385	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs7234960	7.9	7.54	-0.157	3.94	9.57	0.39	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs10221384	6.34	6.05	0.126	2.79	27.33	0.415	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs570505	7.55	7.21	0.151	3.28	39.28	0.39	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs472702	5.93	5.67	0.119	2.39	49.99	0.4146	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs578208	7.19	6.87	0.144	3.43	-56.92	0.3925	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs6505780	7.55	7.21	-0.151	3.28	-55.27	0.39	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs527839	7.22	6.89	0.144	3.21	-37.24	0.395	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs571002	3.97	3.80	0.077	2.62	-34.38	0.43	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs474337	7.55	7.21	0.151	3.28	-29.44	0.39	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes
CEP192	0VJPE0E5W5L0BYLWSK	rs1786263	7.53	7.19	-0.151	3.21	-8.62	0.3875	9.752	0.33	8.668	9.564	9.749	9.949	10.698	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
CERK	iXnqcafcacoTTQoS4gg	rs710123	3.3	3.16	0.064	2.01	11.13	0.4025	7.361	0.122	7.152	7.272	7.336	7.423	7.898
CERK	iXnqcafcacoTTQoS4gg	rs5769136	3.5	3.35	0.069	1.43	22.55	0.3525	7.361	0.122	7.152	7.272	7.336	7.423	7.898
CERK	iXnqcafcacoTTQoS4gg	rs801643	3.56	3.41	-0.071	1.66	22.99	0.3794	7.361	0.122	7.152	7.272	7.336	7.423	7.898
CFD	NkEC1YkOC01HXk3r60	rs1651895	5.36	5.13	-0.104	1.16	2.39	0.2475	10.061	1.238	7.86	9.009	9.988	11.18	13.489
CFD	NkEC1YkOC01HXk3r60	rs13090	4.88	4.66	0.093	1.26	4.49	0.28	10.061	1.238	7.86	9.009	9.988	11.18	13.489
CFD	NkEC1YkOC01HXk3r60	rs1683591	5.71	5.45	0.109	1.21	5.41	0.2825	10.061	1.238	7.86	9.009	9.988	11.18	13.489
CFD	NkEC1YkOC01HXk3r60	rs2965292	5.85	5.59	0.113	1.16	27.22	0.2487	10.061	1.238	7.86	9.009	9.988	11.18	13.489
CFDP1	BeoifQoolqj64IHpTU	rs247427	3.3	3.16	-0.064	0.06	-28.25	0.15	9.104	0.285	8.184	8.972	9.131	9.286	9.809
CHI3L2	ouJEVE.0eU83qEkgUo	rs684559	5.02	4.80	-0.098	2.12	-13.89	0.3625	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHI3L2	HXxXftQkCIJfp1e4I	rs684559	4.94	4.72	-0.099	3.13	-11.84	0.3625	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	ouJEVE.0eU83qEkgUo	rs755467	4.67	4.47	-0.09	0.9	-1.91	0.295	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHI3L2	HXxXftQkCIJfp1e4I	rs755467	4.06	3.88	-0.079	0.96	0.14	0.295	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	HXxXftQkCIJfp1e4I	rs2274232	7.71	7.36	-0.16	2.24	3.32	0.085	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	HXxXftQkCIJfp1e4I	rs2764543	6.43	6.14	-0.13	3.13	-6.96	0.33	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	ouJEVE.0eU83qEkgUo	rs2764543	4.38	4.19	-0.085	1.24	6.76	0.33	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHI3L2	HXxXftQkCIJfp1e4I	rs17699274	7.46	7.12	-0.154	2.8	3.55	0.4675	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	ouJEVE.0eU83qEkgUo	rs17699274	5.74	5.48	-0.114	3.06	3.55	0.4675	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHI3L2	HXxXftQkCIJfp1e4I	rs4839109	11.13	10.62	0.227	3.89	9.62	0.4925	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	ouJEVE.0eU83qEkgUo	rs4839109	9.74	9.29	0.195	4.19	9.62	0.4925	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHI3L2	HXxXftQkCIJfp1e4I	rs4323713	3.86	3.70	0.076	2.65	37.16	0.255	9.007	0.527	7.7	8.573	8.983	9.37	10.531
CHI3L2	ouJEVE.0eU83qEkgUo	rs4323713	3.56	3.46	0.068	2.5	37.16	0.255	7.372	0.234	7.1	7.205	7.311	7.487	8.454
CHN1	ikWXebXqy3ufsNSTv0	rs2244340	3.51	3.31	-0.068	1.61	-22.52	0.402	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs10930689	8.86	8.45	0.165	2.73	70.4	0.392	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs9789395	8.91	8.50	0.165	2.21	73.97	0.3925	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs1378729	6.06	5.79	0.111	2.27	80.5	0.4125	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs3771910	5.57	5.33	0.104	2.58	83.38	0.3725	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs1193629	6.08	5.83	-0.113	2.31	-63.4	0.3945	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs3856435	9.83	9.39	0.184	2.49	23.16	0.3725	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHN1	ikWXebXqy3ufsNSTv0	rs3886691	4.37	4.18	0.084	2.49	31.23	0.3	8.052	0.327	7.311	7.807	8.019	8.262	9.019
CHPT1	Bo1HMkpFLt_OXodRMo	rs11110928	9.86	9.41	-0.184	3	-42.33	0.3071	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs11110932	10.05	9.59	0.188	2.58	-41.24	0.31	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs10778137	10.03	9.58	0.19	2.35	-19.9	0.3266	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs1263783	5.51	5.27	0.103	3.4	-19.7	0.47	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs2241553	5.45	5.21	0.101	1.56	-11.44	0.3375	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs2695290	19.38	18.47	-0.349	3.18	-3.57	0.4725	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs2695284	19.91	18.98	-0.359	3.36	-2.1	0.4774	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs1124605	13.62	12.98	-0.257	1.71	2.34	0.2875	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHPT1	Bo1HMkpFLt_OXodRMo	rs1073084	3.71	3.55	-0.071	0.55	3.76	0.4625	8.715	0.463	7.437	8.453	8.741	8.967	10.403
CHRNA5	05Tpl.rWQjP30Rn1QE	rs12915366	7.33	7.00	-0.15	3.23	-26.15	0.4225	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs2292117	7.49	7.15	-0.154	3.3	-23.22	0.4275	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs6495306	4.85	4.63	0.097	2.77	7.99	0.4264	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs680244	4.68	4.48	0.092	2.81	13.38	0.43	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs621849	4.98	4.76	0.101	3.01	-13.6	0.425	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs3743077	5.06	4.84	0.103	2.84	8.44	0.4171	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs3743075	4.96	4.74	0.098	3.39	22.99	0.3945	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHRNA5	05Tpl.rWQjP30Rn1QE	rs1948	3.5	3.35	-0.069	2.29	30.94	0.3543	7.172	0.046	7.111	7.142	7.16	7.184	7.406
CHST13	TSJV65DmtEr.Oof64k	rs16837531	4.85	4.64	-0.089	1.76	-15.99	0.3675	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHST13	TSJV65DmtEr.Oof64k	rs1873388	4.81	4.60	0.088	1.79	-14.22	0.335	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHST13	TSJV65DmtEr.Oof64k	rs6783962	5.65	5.40	0.103	2.27	-5.46	0.3575	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHST13	TSJV65DmtEr.Oof64k	rs1056522	4.3	4.12	0.078	2.27	-0.79	0.3	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHST13	TSJV65DmtEr.Oof64k	rs10934779	6.11	5.84	-0.114	1.97	11.34	0.4066	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHST13	TSJV65DmtEr.Oof64k	rs7617257	4.94	4.72	-0.09	1.82	20.95	0.43	7.845	0.704	7.105	7.307	7.633	8.16	10.469
CHURC1	6ITzJd4PtX1_L_cOfU	rs2828	7.86	7.51	0.157	3.82	-45.09	0.295	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs1957425	34.71	33.06	-0.58	9.38	-22.56	0.2448	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs1951488	36.05	34.32	0.592	9.49	-8.93	0.2475	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs7143432	58.42	55.60	0.791	12.44	-1.99	0.2025	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs4902336	56.67	53.94	0.78	12.64	6.12	0.205	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs10138506	5.85	5.59	0.12	2.15	7.1	0.0575	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs1064108	25.96	24.73	0.465	8.31	-1.65	0.2925	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs11623705	36.24	34.51	0.581	8.36	3.81	0.135	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs2296327	13.58	12.95	0.268	5.19	8.63	0.2462	11.247	0.752	9.275	10.697	10.949	12.015	12.977
CHURC1	6ITzJd4PtX1_L_cOfU	rs3742599	46.43	44.20	-0.686	10.85	9.99	0.175	11.247	0.752	9.275	10.697	10.949	12.015	12.977

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
CHURC1	6ITzJd4PX1_L_cOfU	rs2277501	16.63	15.86	-0.324	8.32	10.53	0.3426	11.247	0.752	9.275	10.697	10.949	12.015	12.977	
CHURC1	6ITzJd4PX1_L_cOfU	rs3759681	20.5	19.54	-0.383	7.92	11.69	0.2725	11.247	0.752	9.275	10.697	10.949	12.015	12.977	
CHURC1	6ITzJd4PX1_L_cOfU	rs11846925	7.7	7.35	-0.159	4.69	33.96	0.4125	11.247	0.752	9.275	10.697	10.949	12.015	12.977	
CHURC1	6ITzJd4PX1_L_cOfU	rs4499147	8.3	7.93	0.17	5.07	39.65	0.4225	11.247	0.752	9.275	10.697	10.949	12.015	12.977	
CHURC1	6ITzJd4PX1_L_cOfU	rs7160073	5.04	4.82	0.099	3.16	48.72	0.365	11.247	0.752	9.275	10.697	10.949	12.015	12.977	
	CIB1	o4SSVSbu16RXtQgX9w	3.5	3.36	-0.065	0.05	-0.34	0.4296	11.468	0.43	10.559	11.13	11.502	11.771	12.548	Yes
	CIB1	o4SSVSbu16RXtQgX9w	3.76	3.60	0.071	1.61	29.38	0.2025	11.468	0.43	10.559	11.13	11.502	11.771	12.548	Yes
	CKAP2	Nfm1foeXvj46Au3keE	7.19	6.87	0.136	1.03	-36.18	0.4275	8.164	0.188	7.227	8.071	8.178	8.288	8.599	
	CKAP2	Nfm1foeXvj46Au3keE	3.71	3.55	-0.069	0.34	-30.9	0.3325	8.164	0.188	7.227	8.071	8.178	8.288	8.599	
	CKAP2	Nfm1foeXvj46Au3keE	6.07	5.80	-0.116	0.96	-7.08	0.3894	8.164	0.188	7.227	8.071	8.178	8.288	8.599	
	CKAP2	Nfm1foeXvj46Au3keE	7.03	6.71	0.133	0.99	0.97	0.43	8.164	0.188	7.227	8.071	8.178	8.288	8.599	
	CKB	EA4JWIRFYRSV559cHw	3.66	3.51	-0.071	2.1	29.29	0.4548	7.217	0.126	7.108	7.151	7.186	7.235	7.94	
	CKB	EA4JWIRFYRSV559cHw	3.41	3.26	-0.066	1.29	31.28	0.3375	7.217	0.126	7.108	7.151	7.186	7.235	7.94	
CLEC12A	NIRCIh8Q7oHy3f1dHU	rs592206	3.86	3.69	0.071	0.83	2.41	0.47	7.196	0.127	7.099	7.123	7.146	7.217	7.879	
CLEC12A	urpOnvTdq1Ncx9TqHU	rs592206	3.69	3.63	0.068	0.87	2.41	0.47	9.172	1.126	7.174	8.376	8.999	9.981	12.575	
CLEC12A	NIRCIh8Q7oHy3f1dHU	rs7313235	3.39	3.25	0.062	0.5	-5.91	0.265	7.196	0.127	7.099	7.123	7.146	7.217	7.879	
CLEC12B	ZrvnHleKv1KLLHOE04	rs1979592	3.53	3.38	0.068	1.62	6.45	0.1775	7.193	0.076	7.113	7.144	7.167	7.214	7.565	
CLEC1B	uSC2Di6C6ijp2vNog	rs10505743	3.87	3.71	0.073	1.06	1.15	0.1025	7.523	0.531	7.097	7.159	7.294	7.737	10.07	
CLEC2B	oEqyEpSqACkdKkRJPk	rs253156	12.59	12.01	0.238	5.11	1.45	0.3939	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC2B	oEqyEpSqACkdKkRJPk	rs12305497	7.64	7.30	-0.153	2.46	2.4	0.2487	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC2B	oEqyEpSqACkdKkRJPk	rs7957621	21.7	20.68	-0.392	6.61	2.79	0.48	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC2B	oEqyEpSqACkdKkRJPk	rs11833550	5.77	5.51	0.114	1.17	3.71	0.1475	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC2B	oEqyEpSqACkdKkRJPk	rs2268141	8.54	8.15	-0.163	2.89	4.66	0.3325	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC2B	oEqyEpSqACkdKkRJPk	rs1597097	21.01	20.02	-0.382	7.36	-2.19	0.4422	9.851	0.505	8.383	9.527	9.871	10.154	11.063	
CLEC4F	WJd4nefv6hfW_I_6E	rs1548888	6.85	6.54	0.122	2.99	1.79	0.33	7.173	0.17	7.098	7.113	7.123	7.153	8.775	
CLEC4F	WJd4nefv6hfW_I_6E	rs13015305	6.84	6.53	-0.122	2.71	5.68	0.3392	7.173	0.17	7.098	7.113	7.123	7.153	8.775	
CLEC4F	WJd4nefv6hfW_I_6E	rs10206319	4.65	4.44	0.078	2.96	8.37	0.3	7.173	0.17	7.098	7.113	7.123	7.153	8.775	
CLECL1	iZ4TQB72h9VvIHZv1E	rs3764021	9.4	8.98	-0.182	2.14	-41.46	0.48	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs1044771	5.25	5.02	-0.102	1.31	-23.16	0.425	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs11052552	7.11	6.79	-0.138	1.54	-19.13	0.4975	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs1861089	3.38	3.24	-0.063	0.78	-11.12	0.075	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs741199	4.83	4.62	0.094	1.09	-1.73	0.3275	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs10466829	10.71	10.22	0.207	2.7	1	0.5	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs10844638	4.83	4.62	0.094	1.05	2.54	0.3275	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs4763879	4.82	4.61	-0.094	0.95	24.3	0.3401	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs3136559	4.8	4.59	0.091	0.58	30.78	0.2675	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs3176776	3.97	3.80	0.078	0.49	30.96	0.4221	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs3176774	7.4	7.07	0.146	1.86	31.25	0.34	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs3176773	4.86	4.65	-0.096	0.38	32.24	0.4523	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLECL1	iZ4TQB72h9VvIHZv1E	rs11053043	7.36	7.03	-0.146	1.17	46.21	0.4774	7.767	0.341	7.118	7.538	7.72	7.981	9.073	
CLIP3	cSdGHIX0eTtVAdJOHU	rs4805149	13.34	12.72	0.259	1.92	-21.73	0.155	7.821	0.333	7.157	7.592	7.743	8.029	9.147	
CLIP3	cSdGHIX0eTtVAdJOHU	rs2073893	5.03	4.81	-0.1	0.15	-7.15	0.3575	7.821	0.333	7.157	7.592	7.743	8.029	9.147	
CLUAP1	cSv15J2cXC797KoKJQ	rs6501178	15.37	14.65	-0.291	3.81	6.47	0.2781	8.434	0.345	7.542	8.179	8.408	8.611	9.493	
CLUAP1	cSv15J2cXC797KoKJQ	rs17198722	15.04	14.34	0.279	3.57	9.24	0.15	8.434	0.345	7.542	8.179	8.408	8.611	9.493	
CLUAP1	cSv15J2cXC797KoKJQ	rs13332500	13.2	12.59	-0.245	4.6	-12.4	0.315	8.434	0.345	7.542	8.179	8.408	8.611	9.493	
CLUAP1	cSv15J2cXC797KoKJQ	rs9930893	5.34	5.10	0.105	3.07	37.78	0.4592	8.434	0.345	7.542	8.179	8.408	8.611	9.493	
CLYBL	BsHSLVPUQITnLIUEQE	rs7982561	3.62	3.46	0.071	2.28	-51.34	0.16	7.196	0.061	7.116	7.151	7.185	7.223	7.485	
CMTM1	3RVYnZ0e0VPuIwO4Uw	rs7193473	4.04	3.86	-0.077	0.22	-0.17	0.125	7.326	0.137	7.132	7.24	7.308	7.376	8.156	
CMTM3	rkr6bHkojIFJe70U	rs8051710	4.02	3.85	0.08	1.81	25.39	0.4774	11.464	0.224	10.972	11.31	11.469	11.608	12.237	Yes
CMTM8	ZppdNvf5fXrRtecZ6A	rs6550109	7.94	7.58	0.154	2.86	11.03	0.3925	9.96	0.614	7.802	9.535	9.982	10.278	11.709	
CMTM8	ZppdNvf5fXrRtecZ6A	rs12496256	5.1	4.88	0.097	2.01	19.38	0.31	9.96	0.614	7.802	9.535	9.982	10.278	11.709	
CMTM8	ZppdNvf5fXrRtecZ6A	rs17029181	5.28	5.05	-0.101	1.4	-65.7	0.0859	9.96	0.614	7.802	9.535	9.982	10.278	11.709	
CMYA5	9oDXeOhK0i4KCvuesl	rs1529457	3.46	3.31	-0.064	1.85	33.48	0.335	7.222	0.075	7.107	7.17	7.211	7.262	7.581	
CNN2	cfMedTtVaUTiWULHkQ	rs10419707	7.59	7.25	0.15	2.56	-0.62	0.1307	12.092	0.346	11.096	11.886	12.101	12.312	12.891	Yes
CNOT6	BeoSr7B0l9QKgi5KqE	rs7705421	3.92	3.75	-0.077	0.82	16.06	0.4425	8.967	0.202	8.416	8.845	8.957	9.091	9.572	
CNOT6	BeoSr7B0l9QKgi5KqE	rs10516145	3.83	3.67	-0.075	0.87	30.16	0.4375	8.967	0.202	8.416	8.845	8.957	9.091	9.572	
CNOT6	BeoSr7B0l9QKgi5KqE	rs2453176	13.04	12.44	0.254	3.2	-29.56	0.0875	8.967	0.202	8.416	8.845	8.957	9.091	9.572	
CNOT6	BeoSr7B0l9QKgi5KqE	rs10069	4.77	4.57	-0.095	1.3	-2.27	0.205	8.967	0.202	8.416	8.845	8.957	9.091	9.572	
COBL	o6dX_zjNut90TrS0U	rs2329674	3.33	3.19	0.062	2.29	124.74	0.4775	7.141	0.05	7.097	7.113	7.124	7.15	7.467	
COG5	31LSJ09UekniQHMP0k	rs12670688	6.11	5.84	-0.117	1.61	-21.98	0.25	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	31LSJ09UekniQHMP0k	rs2237659	6.52	6.23	-0.125	2.08	4.5	0.255	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	31LSJ09UekniQHMP0k	rs7785892	3.32	3.18	-0.059	2.12	91.18	0.135	7.62	0.287	7.102	7.434	7.617	7.813	8.448	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
COG5	31LSJ09UekniQHMP0k	rs982447	6.53	6.24	-0.125	1.93	130.54	0.2575	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	9V59VQV5ffRwMJ0ydl	rs4727676	4.25	4.07	0.082	2.48	-140.8	0.07	8.018	0.412	7.456	7.731	7.902	8.152	9.72	Yes
COG5	31LSJ09UekniQHMP0k	rs4727680	5.65	5.40	-0.106	1.49	-117.08	0.3166	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	31LSJ09UekniQHMP0k	rs2520249	5.73	5.47	0.107	1.56	-57.74	0.3175	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	31LSJ09UekniQHMP0k	rs2023685	3.39	3.25	-0.06	2.17	-36.15	0.145	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	31LSJ09UekniQHMP0k	rs2253833	8.3	7.92	0.156	2.73	1.18	0.25	7.62	0.287	7.102	7.434	7.617	7.813	8.448	
COG5	9V59VQV5ffRwMJ0ydl	rs2253833	4.76	4.55	0.093	3.28	1.18	0.25	8.018	0.412	7.456	7.731	7.902	8.152	9.72	Yes
COG6	6HllooviD6S7t83U74	rs3812882	4.79	4.58	0.097	2.77	0.08	0.425	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs3812888	4.79	4.58	0.097	2.74	0.48	0.425	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs9532412	3.73	3.57	-0.073	2.01	2.1	0.2975	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs12584772	3.51	3.36	0.068	1.06	-22.83	0.2325	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs9532427	3.51	3.36	0.068	1.12	-5.28	0.2325	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs4943694	4.64	4.44	-0.094	3.33	2.4	0.4175	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs4409964	4.64	4.44	0.094	3.43	16.11	0.4175	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COG6	6HllooviD6S7t83U74	rs8181861	3.43	3.29	-0.069	3.01	43.54	0.43	8.851	0.24	8.125	8.741	8.881	9.025	9.443	
COL18A1	NLT297oqELodKkmUp4	rs11702782	6.01	5.75	0.118	2.32	-26.84	0.13	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs9980531	8.41	8.03	0.17	2.69	-15.71	0.21	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs2236451	14.45	13.78	-0.281	4.49	0.66	0.29	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs2236459	8.67	8.28	-0.174	3.05	21.66	0.2675	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs9976834	10.36	9.88	-0.208	2.91	21.79	0.19	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs9977482	16.91	16.12	-0.324	5.03	23.7	0.2325	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs2236470	16.91	16.12	-0.324	5	27.6	0.2325	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs2236472	16.91	16.12	-0.324	5.12	27.99	0.2325	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL18A1	NLT297oqELodKkmUp4	rs11702425	8.85	8.40	0.176	1.97	-25.28	0.31	8.374	0.625	7.127	7.978	8.271	8.782	10.472	
COL21A1	fpLo_Xvva77yRd4MI	rs6459143	3.34	3.24	-0.063	1.82	42.72	0.27	7.112	0.009	7.096	7.106	7.111	7.116	7.165	
COL5A2	BiTb1Dn70e9d7THs3o	rs17292943	3.59	3.48	-0.067	0.82	-49.94	0.2375	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs3736487	3.64	3.44	-0.068	0.43	-41.3	0.2337	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs6434309	7.16	6.84	-0.147	2.34	-14.07	0.1075	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs7422977	7.16	6.84	0.147	2.34	-12.65	0.1075	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs10194682	3.99	3.82	0.081	1.55	9.5	0.2191	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs6434317	4.16	3.98	0.083	1.72	39.45	0.2111	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs4128538	11.51	10.98	0.221	1.85	-69.69	0.055	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs9288163	4.83	4.62	-0.094	1.69	-31.34	0.11	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs12999125	3.59	3.44	0.068	2.13	13.97	0.1375	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs4667270	10.18	9.72	-0.207	2.11	19.68	0.0678	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs10755002	3.29	3.15	0.061	2.01	24.69	0.145	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A2	BiTb1Dn70e9d7THs3o	rs1913892	4.08	3.90	-0.079	1.7	36.5	0.149	7.187	0.185	7.101	7.127	7.147	7.176	8.542	
COL5A3	xqH1fh6vu.f9eXSVJ0	rs889125	4.39	4.20	0.08	1.56	-0.58	0.23	7.249	0.131	7.108	7.158	7.208	7.289	7.888	
COL9A3	HloBSrhlohApmkokqc	rs760084	4.26	4.08	0.084	1.49	-9.3	0.155	7.122	0.014	7.095	7.113	7.118	7.127	7.17	
COLEC11	6ie1d7gq6KdHiyKnvs	rs4850068	8.47	8.09	-0.171	5.88	13.11	0.33	7.173	0.08	7.103	7.132	7.147	7.183	7.598	
COLEC11	6ie1d7gq6KdHiyKnvs	rs4850073	5.01	4.79	-0.099	4.69	-23.39	0.465	7.173	0.08	7.103	7.132	7.147	7.183	7.598	
COLEC11	6ie1d7gq6KdHiyKnvs	rs7576701	3.33	3.19	-0.062	0.63	26.18	0.1809	7.173	0.08	7.103	7.132	7.147	7.183	7.598	
COLEC12	xvXq9bOPU4Z4E3uXk	rs8083599	3.85	3.69	0.073	0.13	53.48	0.2825	7.143	0.036	7.101	7.12	7.133	7.154	7.384	
COLEC12	xvXq9bOPU4Z4E3uXk	rs11081065	3.62	3.47	-0.07	0.33	60.39	0.16	7.143	0.036	7.101	7.12	7.133	7.154	7.384	
COLEC12	xvXq9bOPU4Z4E3uXk	rs16943586	3.62	3.47	-0.07	0.33	62.73	0.16	7.143	0.036	7.101	7.12	7.133	7.154	7.384	
COLEC12	xvXq9bOPU4Z4E3uXk	rs722725	3.3	3.16	-0.062	0.12	-85.58	0.2425	7.143	0.036	7.101	7.12	7.133	7.154	7.384	
COLEC12	xvXq9bOPU4Z4E3uXk	rs16944284	4.18	4.00	0.081	0.29	-79.11	0.1175	7.143	0.036	7.101	7.12	7.133	7.154	7.384	
COLQ	3peq177.Tnn1FNEeq8	rs6777812	5.06	4.84	0.1	2.05	-20.97	0.235	8.488	0.388	7.554	8.215	8.513	8.706	9.616	
COLQ	3peq177.Tnn1FNEeq8	rs983289	3.42	3.27	0.064	1.99	-15.29	0.33	8.488	0.388	7.554	8.215	8.513	8.706	9.616	
COLQ	3peq177.Tnn1FNEeq8	rs2124493	6.1	5.83	-0.124	2.76	-7.99	0.155	8.488	0.388	7.554	8.215	8.513	8.706	9.616	
COLQ	3peq177.Tnn1FNEeq8	rs12633887	3.93	3.76	0.075	2.31	26.33	0.32	8.488	0.388	7.554	8.215	8.513	8.706	9.616	
COLQ	3peq177.Tnn1FNEeq8	rs11706669	4.93	4.72	-0.099	2.27	36.15	0.1325	8.488	0.388	7.554	8.215	8.513	8.706	9.616	
COMMD2	c.s.wi3TncW_gcll6U	rs6809024	3.31	3.17	-0.062	1.39	-30.35	0.3392	9.144	0.364	7.459	8.956	9.237	9.396	9.763	
COMMD2	c.s.wi3TncW_gcll6U	rs1002896	5.72	5.47	-0.111	3.29	-8.59	0.445	9.144	0.364	7.459	8.956	9.237	9.396	9.763	
COMMD2	c.s.wi3TncW_gcll6U	rs12330718	5.84	5.72	0.114	3.15	-2.38	0.4422	9.144	0.364	7.459	8.956	9.237	9.396	9.763	
COMMD2	c.s.wi3TncW_gcll6U	rs6796427	7.04	6.58	-0.137	2.11	1.82	0.0775	9.144	0.364	7.459	8.956	9.237	9.396	9.763	
COMMD2	c.s.wi3TncW_gcll6U	rs13072089	5.38	5.14	-0.104	3.11	9.66	0.4675	9.144	0.364	7.459	8.956	9.237	9.396	9.763	
COPZ2	W9VDXpAJJUCNUqoiFU	rs7350950	3.67	3.5	-0.07	1.01	48.72	0.0825	7.135	0.032	7.096	7.117	7.126	7.142	7.309	
COQ5	Zonn0TdlUik.refz50	rs3213565	4.82	4.61	0.094	0.91	25.45	0.32	9.933	0.219	9.358	9.802	9.947	10.078	10.417	
CORO1B	0KWCUmVJ.XR717oo7c	rs1638588	3.33	3.19	0.064	0.97	-5.81	0.44	10.635	0.382	9.485	10.384	10.668	10.927	11.42	
CORO1B	0KWCUmVJ.XR717oo7c	rs2302264	3.55	3.40	0.07	1.08	1.91	0.4343	10.635	0.382	9.485	10.384	10.668	10.927	11.42	
COX11	WVT1_Mhd_38eoJ6iIE	rs9904377	5.93	5.67	0.124	2.17	-43.28	0.2625	7.921	0.208	7.108	7.787	7.938	8.053	8.536	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
COX11	WVT1_MHd_38eoJ6tE	rs9910653	7	6.69	0.146	2.8	-36.99	0.275	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs9900816	6.81	6.51	0.144	2.34	-17.21	0.2575	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs11869726	7.15	6.83	0.143	3.65	-5.77	0.3025	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs11870311	7.15	6.83	0.143	3.65	-5.37	0.3025	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs3087650	4.56	4.36	0.095	1.85	0.06	0.24	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs11871939	7.15	6.83	0.143	3.65	-2.29	0.3025	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX11	WVT1_MHd_38eoJ6tE	rs7226272	5.18	4.96	0.103	1.16	0.39	0.41	7.921	0.208	7.108	7.787	7.938	8.053	8.536	
COX4NB	BUZICdG5eSpSgKgONs	rs11640737	5.81	5.55	-0.114	1.43	-16.96	0.08	8.247	0.2	7.644	8.103	8.25	8.387	8.755	
COX4NB	BUZICdG5eSpSgKgONs	rs11860152	4.7	4.49	0.092	1.59	5.09	0.0525	8.247	0.2	7.644	8.103	8.25	8.387	8.755	
COX4NB	BUZICdG5eSpSgKgONs	rs896253	4.7	4.49	0.092	1.59	7.97	0.0525	8.247	0.2	7.644	8.103	8.25	8.387	8.755	
COX4NB	BUZICdG5eSpSgKgONs	rs11644720	5.88	5.63	0.117	1.88	-6.02	0.0603	8.247	0.2	7.644	8.103	8.25	8.387	8.755	
COX4NB	BUZICdG5eSpSgKgONs	rs11647655	6.11	5.84	0.121	2.08	-6	0.0553	8.247	0.2	7.644	8.103	8.25	8.387	8.755	
COX7A2L	fSofivk_JOq5KJf3o	rs2053347	3.38	3.24	0.06	1	-30.41	0.4515	11.657	0.272	9.355	11.512	11.66	11.795	12.174	
COX7A2L	fSofivk_JOq5KJf3o	rs1981664	3.32	3.18	-0.059	0.61	-0.47	0.4369	11.657	0.272	9.355	11.512	11.66	11.795	12.174	
COX7A2L	fSofivk_JOq5KJf3o	rs10206058	3.58	3.43	0.066	1.97	-4.69	0.3719	11.657	0.272	9.355	11.512	11.66	11.795	12.174	
COX7A2L	fSofivk_JOq5KJf3o	rs1992258	3.58	3.43	0.064	0.45	11.56	0.3945	11.657	0.272	9.355	11.512	11.66	11.795	12.174	
CPA5	u.pJNJFFdzulLqNFtg	rs3807345	5.53	5.29	0.107	3.22	-43.42	0.385	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs11981987	3.71	3.59	0.07	2.67	-43.08	0.3175	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs2171492	5.63	5.38	-0.108	2.91	-33.95	0.3675	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs3800775	5.6	5.35	-0.108	2.76	-26.52	0.375	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs7793804	5.58	5.33	-0.11	3.57	-11.63	0.29	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs7794088	3.61	3.46	-0.067	2.14	-11.46	0.4825	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs7798773	5.62	5.38	-0.112	3.57	-10.48	0.2889	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs4731678	10.27	9.80	-0.197	1.73	-7.86	0.06	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs10234851	5.03	4.81	-0.096	3.44	2.28	0.3425	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs888397	19.34	18.44	0.351	3.32	6.64	0.1307	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs1544705	34.62	32.96	0.55	6.96	-6.25	0.1725	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs17164851	23.36	22.26	-0.41	5	-5.08	0.16	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs11761888	42.42	40.39	-0.623	9.08	-1.19	0.21	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs748812	12.71	12.12	0.246	4.42	-0.97	0.485	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs11772922	42.42	40.39	0.623	9.08	-0.51	0.21	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs17164872	8.24	7.87	-0.16	4.16	0.78	0.33	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs968404	20.8	19.82	0.374	4.14	13.47	0.1275	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs12706927	19.01	18.12	0.35	2.9	14.97	0.1025	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPA5	u.pJNJFFdzulLqNFtg	rs4731691	4.61	4.41	-0.092	2.39	34.41	0.1925	7.593	0.517	7.11	7.199	7.346	7.837	9.618	Yes
CPEB4	fHgJLTmDoq537snrSo	rs4867730	5.08	4.86	0.098	2.3	-45.26	0.3325	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs10051599	4.93	4.72	-0.095	2.18	-40.95	0.33	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs359457	7.24	6.92	-0.142	2.91	-36.35	0.4573	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs875741	5.08	4.86	0.098	2.73	-28.34	0.4075	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs2594867	6.65	6.35	0.129	3.71	18.6	0.4425	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs7736263	15.2	14.49	0.287	4.96	23.03	0.3075	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs747472	15.2	14.49	-0.287	4.96	-33.8	0.3075	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPEB4	fHgJLTmDoq537snrSo	rs6875935	3.52	3.37	0.068	0.34	3.07	0.3425	7.726	0.257	7.167	7.55	7.727	7.869	8.77	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs6088887	3.66	3.50	0.068	2.37	-42.64	0.2425	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs6060491	3.7	3.54	-0.068	2.28	-38.87	0.1425	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs761827	5.06	4.84	-0.098	1.72	-6.07	0.175	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs6579255	3.59	3.44	0.067	1.2	5.53	0.196	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs3787168	3.65	3.49	0.068	1.19	19.31	0.195	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs12480622	3.64	3.49	0.068	1.19	-18.23	0.1925	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs6121015	3.65	3.49	-0.068	1.19	-9.83	0.195	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPNE1	fKXK9X6Ke6QtdDXu1Q	rs11696527	4.51	4.32	-0.083	1.96	-7.47	0.1225	10.966	0.477	9.731	10.632	11.009	11.293	12.129	
CPSF1	6fpWlqMNI_09Ed1VI	rs6748782	4.94	4.72	-0.098	1.65	-2.77	0.0625	7.123	0.017	7.096	7.111	7.119	7.13	7.216	
CPSF1	6o5bRRSRGgcXVfV_w	rs12056725	5.32	5.08	-0.107	1.34	-42.96	0.4297	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs2272663	3.93	3.76	-0.073	0.51	-40.15	0.48	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs2272666	5.03	4.81	-0.097	0.86	-37.46	0.4444	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs3817681	5.08	4.86	0.097	0.82	-35.58	0.445	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs6599528	5.5	5.26	-0.106	0.59	-15.33	0.4525	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs2293963	4.44	4.25	-0.085	1.12	6.19	0.3618	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPSF1	6o5bRRSRGgcXVfV_w	rs13258200	4.52	4.32	-0.086	0.91	-3.54	0.3625	10.361	0.486	9.344	10.008	10.327	10.684	11.591	
CPT1A	WoC3STOGEKX6KIUE0	rs10791993	4.2	4.02	-0.084	2.55	-28.38	0.265	7.153	0.057	7.094	7.115	7.136	7.164	7.466	
CPT1A	WoC3STOGEKX6KIUE0	rs4930608	4.6	4.40	0.089	2.59	9.51	0.175	7.153	0.057	7.094	7.115	7.136	7.164	7.466	
CPT1A	WoC3STOGEKX6KIUE0	rs2123869	4.75	4.55	0.092	2.78	16.57	0.1734	7.153	0.057	7.094	7.115	7.136	7.164	7.466	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
CPT1A	WoC3STOG	EKX6KIUE60	rs2924685	7.33	7.00	-0.143	1.88	27.98	0.0675	7.153	0.057	7.094	7.115	7.136	7.164	7.466
CPT1A	WoC3STOG	EKX6KIUE60	rs11228368	3.72	3.57	-0.072	1.38	-16.02	0.475	7.153	0.057	7.094	7.115	7.136	7.164	7.466
CPT1A	WoC3STOG	EKX6KIUE60	rs679596	4.47	4.27	-0.087	1.52	5.84	0.4774	7.153	0.057	7.094	7.115	7.136	7.164	7.466
CREB1	Tnidfj5fKhIPFUI34k		rs13010104	3.3	3.16	0.06	0.77	-25.47	0.17	8.881	0.331	7.714	8.654	8.927	9.113	9.756
CREB1	Tnidfj5fKhIPFUI34k		rs2709373	10.29	9.82	-0.197	1.54	-8.66	0.175	8.881	0.331	7.714	8.654	8.927	9.113	9.756
CREB1	Tnidfj5fKhIPFUI34k		rs2551949	10.71	10.22	0.205	2.03	14.28	0.17	8.881	0.331	7.714	8.654	8.927	9.113	9.756
CRELD1	uCcf1SpzOkJC2QJ6JU		rs6800204	3.74	3.58	0.071	0.64	8.69	0.201	7.682	0.235	7.221	7.534	7.638	7.799	8.91
CRELD1	uCcf1SpzOkJC2QJ6JU		rs4488814	3.59	3.43	-0.067	0.64	15.68	0.205	7.682	0.235	7.221	7.534	7.638	7.799	8.91
CRELD2	Kz0go7VugDuleKOW3U		rs910799	3.59	3.44	-0.067	0.62	-33.78	0.19	10.36	0.254	9.636	10.202	10.373	10.518	11.27
CRELD2	Kz0go7VugDuleKOW3U		rs7410537	5.34	5.11	-0.105	0.54	-3.85	0.185	10.36	0.254	9.636	10.202	10.373	10.518	11.27
CRIP2	QUXILvPznV9urjpRlc		rs4983411	4	3.83	-0.074	2.4	-24.33	0.325	9.658	0.645	7.54	9.264	9.733	10.134	11.037
CRIP2	QUXILvPznV9urjpRlc		rs1451152	8.7	8.30	0.175	0.73	-44.16	0.3475	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs1451156	7.99	7.63	0.153	1.03	-11.71	0.4875	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs1531133	12.21	11.65	0.231	1.68	-0.68	0.395	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs2122715	6.81	6.51	0.132	1.43	1.54	0.3015	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs6735530	3.36	3.22	-0.061	1.02	-3.74	0.1325	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs12105006	9.02	8.61	-0.171	1.41	10.4	0.29	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs17768132	7.43	7.10	0.142	1.16	11.06	0.28	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRIP2	QUXILvPznV9urjpRlc		rs3814042	5.86	5.60	0.116	0.12	25.07	0.175	9.129	0.305	8.219	8.899	9.141	9.331	10.315
CRISP2	ukOTfdVSNNEgNH9KQ4		rs6935473	3.3	3.17	-0.066	0.04	41.44	0.3075	7.135	0.063	7.099	7.112	7.119	7.131	7.725
CRNK1	uScea7SNH3Ysit5cul		rs6132261	5.04	4.82	-0.098	0.22	-0.06	0.2125	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs13037134	7.96	7.60	-0.158	2.2	2.63	0.4	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs2073123	6.37	6.09	-0.126	1.44	-5.82	0.4475	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs2255255	6.22	5.94	-0.123	1.5	-3.69	0.445	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs2273058	6.13	5.86	0.123	1.48	-3.37	0.4416	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs6081854	3.81	3.65	-0.074	1.34	6.19	0.4898	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs6136938	6.22	5.94	-0.121	2.06	22.3	0.3925	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRNK1	uScea7SNH3Ysit5cul		rs6081869	3.73	3.57	-0.073	1.08	24.05	0.3384	7.867	0.202	7.195	7.747	7.895	8.003	8.355
CRYZ	WTz6_niDhVM73uIMsk		rs2032968	6.74	6.44	0.135	2.38	4.01	0.49	9.952	0.481	8.73	9.619	9.996	10.324	10.973
CRYZ	WTz6_niDhVM73uIMsk		rs7522428	11.54	11.01	-0.224	5.35	7.18	0.275	9.952	0.481	8.73	9.619	9.996	10.324	10.973
CRYZ	WTz6_niDhVM73uIMsk		rs10890142	11.54	11.01	0.224	5.16	7.95	0.275	9.952	0.481	8.73	9.619	9.996	10.324	10.973
CRYZ	WTz6_niDhVM73uIMsk		rs1409785	13.75	13.11	0.271	4.07	49.4	0.405	9.952	0.481	8.73	9.619	9.996	10.324	10.973
CSE1L	rBVAPRekSofRC_3F14		rs1556876	3.44	3.30	-0.063	3.71	2.96	0.1925	9.972	0.181	9.073	9.88	9.994	10.086	10.354
CSNK1G1	36veM7jdlsIT9cqrTo		rs12591947	3.62	3.46	0.074	3.64	-21.26	0.2875	9.21	0.265	8.139	9.051	9.252	9.405	9.833
CSTA	fl1_9XunnjBUE9TdxU		rs6798997	3.51	3.36	-0.065	2.59	13.89	0.4575	7.565	0.474	7.106	7.204	7.374	7.79	9.529
CTBP1	KghpNGCSdQCgCfqa5U		rs1250126	4.27	4.09	0.079	1.31	-14.19	0.325	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTBP1	KghpNGCSdQCgCfqa5U		rs1250105	4.4	4.21	0.082	1.46	-1.96	0.43	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTBP1	KghpNGCSdQCgCfqa5U		rs2291199	4.57	4.37	0.083	0.56	1.36	0.46	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTBP1	KghpNGCSdQCgCfqa5U		rs2279281	4.27	4.08	-0.079	0.74	2.37	0.4695	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTBP1	KghpNGCSdQCgCfqa5U		rs1732103	4.81	4.60	0.091	0.76	34.92	0.392	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTBP1	KghpNGCSdQCgCfqa5U		rs11727167	4.96	4.74	0.091	0.55	42.61	0.47	10.919	0.288	9.373	10.767	10.932	11.058	12.243
CTH	fRHj2H97qfio4olXH0		rs7523188	4	3.83	-0.073	1.1	-18.52	0.1834	7.425	0.126	7.177	7.352	7.416	7.498	7.784
CTH	fRHj2H97qfio4olXH0		rs4650044	8.82	8.42	-0.167	1.48	-17.56	0.3625	7.425	0.126	7.177	7.352	7.416	7.498	7.784
CTH	fRHj2H97qfio4olXH0		rs648743	9.5	9.07	0.181	1.86	-1.18	0.3568	7.425	0.126	7.177	7.352	7.416	7.498	7.784
CTNNAL1	0nq.nRd4Z4eYD4guol		rs12555920	8.86	8.45	0.178	2.72	-10.03	0.0905	7.36	0.187	7.103	7.256	7.32	7.404	8.287
CTNNAL1	0nq.nRd4Z4eYD4guol		rs534286	7.2	6.88	0.142	4.54	24.47	0.2588	7.36	0.187	7.103	7.256	7.32	7.404	8.287
CTSB	N1HteUKxF0sdV9UHgs		rs1296028	3.36	3.22	-0.061	1.48	-1.29	0.2425	10.135	0.456	8.355	9.83	10.109	10.442	12.148
CTSC	WSXeo6PHo_8AEnqkWK		rs217116	3.55	3.40	0.066	1.47	6.9	0.175	9.766	0.503	8.039	9.431	9.804	10.091	10.942
CTSC	WSXeo6PHo_8AEnqkWK		rs217086	3.36	3.21	0.062	1.58	18.82	0.1784	9.766	0.503	8.039	9.431	9.804	10.091	10.942
CTSK	9KcljuHEI5v4e77Vkk		rs10888390	6.07	5.80	-0.115	1.85	-41.15	0.3675	7.947	0.318	7.363	7.694	7.902	8.146	9.248
CTSL	6KD030txSVWe7aMRHY		rs3118853	8.31	7.94	-0.169	1.36	-47.63	0.3825	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3128479	17.31	16.50	-0.327	3.73	-43.3	0.4725	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3128495	17.04	16.24	-0.325	4.05	-27.26	0.4447	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3118860	17.52	16.70	-0.33	4.12	-21.57	0.4475	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3118862	16.91	16.12	-0.324	4.35	-21.07	0.4774	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs1056719	16.59	15.82	0.313	4.62	-18.96	0.3825	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3118866	23.3	22.20	0.417	4.89	-16.78	0.4675	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	TekGlm3FWB3nfpuiqA		rs3118866	3.39	3.25	0.063	2.62	-16.78	0.4675	7.289	0.086	7.129	7.229	7.277	7.343	7.692
CTSL	6KD030txSVWe7aMRHY		rs4877370	18.18	17.33	0.34	5.33	-12.5	0.397	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3128501	18.76	17.88	0.348	5.23	-11.84	0.435	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs3128506	20.02	19.08	-0.37	4.9	-6.45	0.48	8.965	0.487	7.494	8.649	8.954	9.3	10.218
CTSL	6KD030txSVWe7aMRHY		rs2274611	22.59	21.52	-0.407	4.67	1.7	0.465	8.965	0.487	7.494	8.649	8.954	9.3	10.218

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association					Standard	Minimum	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	transcript (kb)		Deviation		percentile	percentile	percentile	percentile		
CTSL	TekGim3FWB3npfiuqA	rs2274611	3.82	3.66	-0.072	1.64	0.465	7.289	0.086	7.129	7.229	7.277	7.343	7.692	
CTSL	6KD030txSVWe7aMRHY	rs2378757	13.7	13.06	-0.268	4.13	-2.53	0.3744	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs3128511	19.59	18.67	-0.363	4.29	1.14	0.475	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs1927979	22.42	21.36	0.405	4.64	1.48	0.4598	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	TekGim3FWB3npfiuqA	rs1927979	3.63	3.48	0.067	1.57	1.48	0.4598	0.086	7.129	7.229	7.277	7.343	7.692	
CTSL	6KD030txSVWe7aMRHY	rs1927970	14.55	13.87	0.289	4.09	9.1	0.4848	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs3128516	20.7	19.72	0.382	3.76	9.51	0.4596	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs3118839	13.9	13.26	0.271	3.87	16.47	0.4698	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs2149383	7.01	6.70	-0.143	1.55	23.8	0.4397	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs2149384	7.48	7.14	0.149	2.02	24.03	0.3675	0.487	7.494	8.649	8.954	9.3	10.218	
CTSL	6KD030txSVWe7aMRHY	rs943856	7.67	7.32	0.152	2.13	24.2	0.375	0.487	7.494	8.649	8.954	9.3	10.218	
CTSW	WdfJjVfVVK_VNdUNOM	rs568617	17.35	16.54	-0.328	4.03	2.03	0.165	0.559	7.122	8.688	9.084	9.399	10.433	
CTSW	WdfJjVfVVK_VNdUNOM	rs622614	17.54	16.72	-0.334	3.8	12.03	0.1675	0.559	7.122	8.688	9.084	9.399	10.433	
CUBN	3oSR3INeMThV545Rlg	rs2796832	3.49	3.34	0.064	0.13	59.35	0.2325	0.356	7.225	7.551	7.769	8.105	8.938	
CUBN	3oSR3INeMThV545Rlg	rs780849	3.49	3.34	0.064	0.13	60.2	0.2325	0.356	7.225	7.551	7.769	8.105	8.938	
CUBN	3oSR3INeMThV545Rlg	rs809698	3.4	3.26	0.062	0.02	60.5	0.2375	0.356	7.225	7.551	7.769	8.105	8.938	
CUBN	3oSR3INeMThV545Rlg	rs780816	3.58	3.43	0.065	0.05	71.71	0.2325	0.356	7.225	7.551	7.769	8.105	8.938	
CUBN	3oSR3INeMThV545Rlg	rs7916688	3.33	3.19	0.061	0.52	-4.37	0.31	0.356	7.225	7.551	7.769	8.105	8.938	
CYP46A1	HhRHs24u1vhuFD5XII	rs7157032	3.45	3.30	-0.067	1.28	-8.62	0.44	0.048	7.099	7.125	7.145	7.174	7.381	
CYP4V2	Bsl6lPwhKprdJQPkVM	rs1473597	3.43	3.28	-0.062	0.84	-6.8	0.3975	0.302	8.205	8.799	9.016	9.206	9.716	
CYP4V2	Bsl6lPwhKprdJQPkVM	rs2276917	3.43	3.28	-0.062	0.85	-4.62	0.3975	0.302	8.205	8.799	9.016	9.206	9.716	
CYP8B1	fn97t_v3l55UfvyHok	rs9861236	3.55	3.40	0.07	1.31	-33.19	0.075	0.133	7.105	7.121	7.128	7.141	7.3	
CYTH3	Hlx_UiEiIKK54qivY	rs9648587	3.39	3.25	-0.065	0.88	-27.03	0.125	0.281	0.071	7.136	7.23	7.275	7.329	7.578
CYYR1	Tgll0tRFN33_L786XU	rs2830304	3.53	3.38	-0.066	3.15	34.34	0.2186	0.075	7.101	7.119	7.135	7.173	7.771	
D4S234E	B_mSa7k0im7nCrrvA	rs4689307	5.57	5.33	-0.108	3.62	-45.49	0.47	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs10027109	20.02	19.08	-0.364	8.11	-42.52	0.39	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs16835627	11.1	10.59	-0.213	6.98	-42.21	0.45	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs4689316	14.74	14.05	0.28	2.56	-41.25	0.185	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs13434731	6.54	6.25	0.126	4.46	-39.88	0.4625	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs6843595	19.96	19.02	-0.36	3.81	-37.02	0.2375	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs2369105	19.73	18.80	0.358	3.44	-35.67	0.2387	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs6446632	7.28	6.95	-0.143	0.54	-33.37	0.24	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs4689329	6.08	5.81	0.122	1.26	-30.04	0.2375	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs7698300	6.52	6.23	-0.128	1.67	-28.09	0.355	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs3792686	3.38	3.24	-0.065	2.69	4.32	0.4875	0.892	0.63	8.196	9.457	10.034	10.327	11.253
D4S234E	B_mSa7k0im7nCrrvA	rs10017186	3.4	3.25	-0.065	0.69	5.87	0.245	0.892	0.63	8.196	9.457	10.034	10.327	11.253
DAAM1	3i7p0.39VgZTh7OgkQ	rs10083442	3.64	3.48	-0.066	0.87	-5.59	0.135	0.857	0.253	7.378	8.356	8.508	8.647	9.334
DAGLB	Neneq2lLo9KL4BDAmY	rs10951983	4.87	4.65	0.097	1.69	-2.73	0.175	0.801	0.372	8.922	9.537	9.792	10.031	10.825
DAGLB	Neneq2lLo9KL4BDAmY	rs2303361	4.04	3.87	-0.08	1.67	0.74	0.1784	0.801	0.372	8.922	9.537	9.792	10.031	10.825
DAOA	6DIP3ORUXpe7h6iDd0	rs9301030	3.82	3.66	0.074	0.12	7.72	0.3575	0.012	7.096	7.107	7.112	7.119	7.166	
DARS	BvbSF1O9XbjVAYdHXw	rs12472293	7.57	7.23	-0.167	3.02	-16.18	0.145	12.355	0.309	11.712	12.165	12.284	12.508	14.203
DARS	BvbSF1O9XbjVAYdHXw	rs309152	8.46	8.07	-0.179	3.36	-7	0.1375	12.355	0.309	11.712	12.165	12.284	12.508	14.203
DARS	BvbSF1O9XbjVAYdHXw	rs309160	6.6	6.30	0.147	3	20.97	0.2625	12.355	0.309	11.712	12.165	12.284	12.508	14.203
DARS	BvbSF1O9XbjVAYdHXw	rs309143	7.68	7.33	0.17	3.09	-29.04	0.1425	12.355	0.309	11.712	12.165	12.284	12.508	14.203
DARS	BvbSF1O9XbjVAYdHXw	rs309137	6.21	5.93	-0.139	2.9	22.73	0.2675	12.355	0.309	11.712	12.165	12.284	12.508	14.203
DBNDD1	B0IK3X1ev1LREiVJJ8	rs8049897	7.71	7.36	-0.152	1.07	-47.08	0.1625	7.517	0.299	7.119	7.327	7.436	7.641	8.756
DBNDD1	B0IK3X1ev1LREiVJJ8	rs3803684	9.24	8.82	-0.183	1.65	-24.91	0.0675	7.517	0.299	7.119	7.327	7.436	7.641	8.756
DBNDD1	B0IK3X1ev1LREiVJJ8	rs7498985	4.17	3.99	-0.081	1.57	26.59	0.4575	7.517	0.299	7.119	7.327	7.436	7.641	8.756
DBNDD1	B0IK3X1ev1LREiVJJ8	rs9927964	7.95	7.60	-0.16	2.28	49.42	0.06	7.517	0.299	7.119	7.327	7.436	7.641	8.756
DCBLD1	QmX77Xrv56Dqif5c	rs10782186	3.76	3.60	0.07	2.53	19.69	0.4825	7.148	0.034	7.098	7.126	7.139	7.16	7.313
DCBLD2	QRf5Xp3k_0XliQitzi	rs13084692	3.35	3.21	-0.062	0.37	-11.08	0.0754	7.282	0.125	7.121	7.198	7.254	7.328	7.939
DCLRE1A	flV5XU6kvM95NCXyCI	rs10787503	3.48	3.33	0.067	1.47	-32.28	0.3825	7.941	0.182	7.466	7.811	7.955	8.059	8.528
DCLRE1A	flV5XU6kvM95NCXyCI	rs7071839	3.5	3.35	0.067	1.58	-28.49	0.39	7.941	0.182	7.466	7.811	7.955	8.059	8.528
DCLRE1B	NXXKdg3ukV4kPHwPuiU	rs17464525	3.52	3.37	-0.066	1.25	-4.14	0.2025	7.495	0.163	7.184	7.385	7.457	7.587	8.007
DCLRE1B	NXXKdg3ukV4kPHwPuiU	rs878129	11.97	11.42	0.236	6.03	2.5	0.2725	7.495	0.163	7.184	7.385	7.457	7.587	8.007
DCLRE1B	NXXKdg3ukV4kPHwPuiU	rs11102703	10.37	9.90	-0.207	6.15	9.42	0.3	7.495	0.163	7.184	7.385	7.457	7.587	8.007
DCLRE1B	NXXKdg3ukV4kPHwPuiU	rs1503832	9.84	9.39	-0.2	4.86	32.99	0.2875	7.495	0.163	7.184	7.385	7.457	7.587	8.007
DCLRE1B	NXXKdg3ukV4kPHwPuiU	rs12127377	10.27	9.80	0.207	4.55	33.28	0.265	7.495	0.163	7.184	7.385	7.457	7.587	8.007
DCTN5	9sVEiHil6566_66SOM	rs420259	6.48	6.19	0.127	2.03	-18.78	0.3	10.474	0.245	9.852	10.312	10.457	10.609	11.218
DCTN5	9sVEiHil6566_66SOM	rs8043812	5.68	5.43	0.113	1.94	9.99	0.1375	10.474	0.245	9.852	10.312	10.457	10.609	11.218
DCTN5	9sVEiHil6566_66SOM	rs249869	10.75	10.25	0.219	3.05	13.75	0.27	10.474	0.245	9.852	10.312	10.457	10.609	11.218
DCTN5	9sVEiHil6566_66SOM	rs34514	12.73	12.14	-0.25	4.42	-10.59	0.22	10.474	0.245	9.852	10.312	10.457	10.609	11.218

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
										Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
DCTN5	9sVEiHIL6566_66SOM	rs35633	11.11	10.60	0.22	3.93	22.82	0.22	10.474	0.245	9.852	10.312	10.457	10.609	11.218	
DCTN5	9sVEiHIL6566_66SOM	rs26762	8.32	7.95	0.165	2.58	31.27	0.2525	10.474	0.245	9.852	10.312	10.457	10.609	11.218	
DCXR	3ERdCVTIudNcVUNXUM	rs4969481	7.22	6.90	0.142	4.15	-0.55	0.1583	10.13	0.41	9.228	9.82	10.107	10.429	11.159	
DDA1	05GRvqjC2lfqN.d_LQ	rs971694	4.02	3.85	-0.08	3.22	2.48	0.15	10.371	0.196	9.675	10.268	10.387	10.506	10.996	
DDA1	05GRvqjC2lfqN.d_LQ	rs1529482	3.86	3.69	0.075	3.46	10.39	0.395	10.371	0.196	9.675	10.268	10.387	10.506	10.996	
DDO	ZYu7U5XShVT1QtAXsg	rs6933664	3.6	3.44	-0.071	0.45	-0.37	0.3788	7.134	0.024	7.102	7.118	7.128	7.143	7.26	
DDT	x1n.1X6LXpl_klyoa0	rs6003959	7.36	7.03	-0.146	1.75	-49.16	0.27	11.861	0.286	11.026	11.69	11.859	12.029	12.545	
DDT	x1n.1X6LXpl_klyoa0	rs4822458	3.89	3.72	0.075	1.35	-47.9	0.4975	11.861	0.286	11.026	11.69	11.859	12.029	12.545	
DDT	x1n.1X6LXpl_klyoa0	rs1006771	6.35	6.07	0.127	1.71	0.45	0.3875	11.861	0.286	11.026	11.69	11.859	12.029	12.545	
DDT	x1n.1X6LXpl_klyoa0	rs6004011	7.82	7.47	0.152	2.75	16.05	0.1575	11.861	0.286	11.026	11.69	11.859	12.029	12.545	
DDX11	B_SVeSgItKukV5hSfc	rs10771794	4.64	4.44	0.092	0.48	-43.69	0.455	7.133	0.034	7.097	7.111	7.122	7.143	7.299	Yes
DDX43	fqZGolkqKHrv1PEH_E	rs526434	5.49	5.25	0.097	1.75	-46.47	0.4875	7.408	0.138	7.14	7.309	7.387	7.486	7.888	
DDX43	fqZGolkqKHrv1PEH_E	rs311686	5.17	4.95	0.09	1.17	-1.2	0.4575	7.408	0.138	7.14	7.309	7.387	7.486	7.888	
DDX43	fqZGolkqKHrv1PEH_E	rs311684	4.25	4.06	0.073	1	-0.99	0.445	7.408	0.138	7.14	7.309	7.387	7.486	7.888	
DDX55	K10s30pP4XXg7n6V6k	rs4310694	4.95	4.73	0.098	1.75	-35.91	0.355	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX55	K10s30pP4XXg7n6V6k	rs786448	7.73	7.39	0.159	2.9	-16.46	0.4447	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX55	K10s30pP4XXg7n6V6k	rs4930713	3.4	3.25	0.065	1.52	-6.05	0.32	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX55	K10s30pP4XXg7n6V6k	rs3748269	7.84	7.49	0.161	3.06	-5.56	0.4425	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX55	K10s30pP4XXg7n6V6k	rs4930737	3.87	3.73	-0.074	0.99	34.12	0.3075	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX55	K10s30pP4XXg7n6V6k	rs7135624	5.57	5.31	-0.112	2.55	42.35	0.4548	10.236	0.274	9.553	10.069	10.239	10.391	11.399	
DDX59	feoz5AGLAIRKNT31V0	rs11807125	3.38	3.24	-0.064	1.25	-20.96	0.3175	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DDX59	feoz5AGLAIRKNT31V0	rs2809346	5.06	4.84	0.061	1.06	-17.04	0.495	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DDX59	csuJEot_oYpch_NLIt	rs2809346	4.82	4.61	0.095	1.47	-17.04	0.495	8.997	0.269	7.509	8.875	9.061	9.164	9.492	Yes
DDX59	csuJEot_oYpch_NLIt	rs12126676	3.58	3.43	0.069	3	-12.43	0.3525	8.997	0.269	7.509	8.875	9.061	9.164	9.492	Yes
DDX59	feoz5AGLAIRKNT31V0	rs12126676	3.56	3.41	0.068	1.13	-12.43	0.3525	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DDX59	csuJEot_oYpch_NLIt	rs4437908	7.18	6.86	-0.147	3.46	9.31	0.3794	8.997	0.269	7.509	8.875	9.061	9.164	9.492	Yes
DDX59	feoz5AGLAIRKNT31V0	rs4437908	6.32	6.04	-0.128	2.51	9.31	0.3794	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DDX59	csuJEot_oYpch_NLIt	rs12082129	4.38	4.19	-0.087	2.76	11.36	0.299	8.997	0.269	7.509	8.875	9.061	9.164	9.492	Yes
DDX59	feoz5AGLAIRKNT31V0	rs12082129	3.48	3.33	-0.066	1.19	11.36	0.299	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DDX59	csuJEot_oYpch_NLIt	rs4915451	6.43	6.15	0.13	1.63	20.73	0.45	8.997	0.269	7.509	8.875	9.061	9.164	9.492	Yes
DDX59	feoz5AGLAIRKNT31V0	rs4915451	5.26	5.03	0.104	0.57	20.73	0.45	9.269	0.275	8.289	9.133	9.295	9.44	9.798	
DECR2	od_ngBHiudU3ubpu4k	rs1698231	3.48	3.33	-0.066	1.7	5.1	0.4475	8.234	0.298	7.416	8.03	8.232	8.41	9.185	
DEF8	uqWIViYouKDiIhQL14	rs2270461	3.61	3.46	0.068	0.74	-42.81	0.115	8.404	0.208	7.87	8.266	8.386	8.525	8.962	
DEF8	uqWIViYouKDiIhQL14	rs2270460	3.85	3.69	0.075	1.43	-42.73	0.0969	8.404	0.208	7.87	8.266	8.386	8.525	8.962	
DEF8	uqWIViYouKDiIhQL14	rs3212346	3.61	3.46	0.068	0.66	-32.79	0.115	8.404	0.208	7.87	8.266	8.386	8.525	8.962	
DENND2C	r6qwCr8e46NenNXcoo	rs7539721	4.54	4.34	-0.088	0.89	-41.08	0.13	7.404	0.13	7.16	7.314	7.395	7.463	8.086	
DENND2C	r6qwCr8e46NenNXcoo	rs6537841	4.54	4.34	-0.088	0.85	-11.92	0.13	7.404	0.13	7.16	7.314	7.395	7.463	8.086	
DENND2C	r6qwCr8e46NenNXcoo	rs761755	4.54	4.34	0.088	0.89	9.7	0.13	7.404	0.13	7.16	7.314	7.395	7.463	8.086	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7815122	4.14	3.96	-0.082	0.62	-16.94	0.1575	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7843326	4.68	4.48	-0.092	2.16	-12.62	0.3568	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs6987100	3.52	3.37	-0.067	0.37	-10.74	0.13	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs1467044	7.9	7.54	-0.158	2.41	1.08	0.4525	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs11781657	7.85	7.50	0.158	2.4	3.28	0.455	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs6469858	4.2	4.02	0.083	0.24	10.27	0.12	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs12679478	3.8	3.64	-0.074	0.91	30.27	0.2275	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7388491	3.44	3.30	-0.066	0.46	39.91	0.1975	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs869340	3.72	3.56	0.073	1.08	46.65	0.2312	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs9987332	7.59	7.25	0.152	2.27	48	0.415	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7813263	3.65	3.50	-0.07	0.51	52.97	0.2	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7005380	4.9	4.69	0.098	0.74	67.91	0.335	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs11984766	3.61	3.45	0.071	1.48	-68.36	0.475	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DEPDC6	Kn3clQEmE5wLVffSLQ	rs7833689	3.39	3.25	-0.066	0.49	-38.79	0.4296	7.265	0.079	7.104	7.204	7.267	7.314	7.483	
DFFB	TqTaSeBxNw_tjvHNN0	rs4074709	3.85	3.69	-0.074	2.12	-5.04	0.1575	9.319	0.29	8.442	9.125	9.321	9.514	9.99	
DFFB	TqTaSeBxNw_tjvHNN0	rs4131373	4.31	4.12	0.09	2.42	5.39	0.17	9.319	0.29	8.442	9.125	9.321	9.514	9.99	
DFFB	TqTaSeBxNw_tjvHNN0	rs12082157	4.25	4.06	0.089	2.43	9.82	0.1709	9.319	0.29	8.442	9.125	9.321	9.514	9.99	
DFNA5	NERV5_oVyczk.zuF_U	rs1053962	5.16	4.93	-0.099	3	-34.68	0.3065	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs2074142	5.14	4.92	0.098	2.53	4.61	0.2325	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs2721808	7.53	7.19	-0.146	4.63	6.33	0.44	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs2721809	5.57	5.33	-0.106	3.91	9.94	0.3875	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs2237315	3.75	3.59	0.07	3.03	23.88	0.29	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs1001464	4.42	4.23	-0.084	0.98	-28.27	0.0875	7.228	0.118	7.105	7.149	7.194	7.272	8.034	
DFNA5	NERV5_oVyczk.zuF_U	rs2237318	6.69	6.39	0.13	3.32	-28.09	0.285	7.228	0.118	7.105	7.149	7.194	7.272	8.034	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
										Standard Deviation	Minimum	25th percentile	Median	75th percentile	
DFNA5	NERV5_oVyczk.zuF_U	rs1476520	10.32	9.85	-0.2	5.96	-1.13	0.4275	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DFNA5	NERV5_oVyczk.zuF_U	rs6976667	6.06	5.79	-0.116	2.78	7.69	0.3593	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DFNA5	NERV5_oVyczk.zuF_U	rs1468185	3.97	3.80	0.075	1.42	21.29	0.2275	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DFNA5	NERV5_oVyczk.zuF_U	rs11762966	3.94	3.78	0.074	0.66	27.41	0.0625	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DFNA5	NERV5_oVyczk.zuF_U	rs17150155	4.69	4.49	-0.089	1.66	29.25	0.2475	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DFNA5	NERV5_oVyczk.zuF_U	rs10227466	6.08	5.81	-0.122	4.43	46.26	0.4875	7.228	0.118	7.105	7.149	7.194	7.272	8.034
DGCR8	KVcCvqjXZ7t_e9UpFE	rs11703292	5.12	4.90	-0.098	2.17	-41.88	0.2387	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGCR8	KVcCvqjXZ7t_e9UpFE	rs405342	7.35	7.02	-0.146	3.42	-30.52	0.2225	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGCR8	KVcCvqjXZ7t_e9UpFE	rs17818431	5.09	4.87	0.099	2.05	-15.41	0.15	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGCR8	KVcCvqjXZ7t_e9UpFE	rs446059	5.15	4.93	-0.097	2.09	-8.07	0.0775	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGCR8	KVcCvqjXZ7t_e9UpFE	rs9606248	5.01	4.79	-0.099	2.32	-11.86	0.16	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGCR8	KVcCvqjXZ7t_e9UpFE	rs8139591	5.01	4.79	-0.099	2.32	-6.08	0.16	8.75	0.381	7.617	8.529	8.717	9.028	9.809
DGKE	9x7QFJOvD7iTXeSTIU	rs970718	4.18	4.00	-0.079	0.27	-36.03	0.1625	7.556	0.174	7.122	7.452	7.551	7.651	8.696
DGKI	QF5Ro2DrHxKxd3yod4	rs270896	3.46	3.32	0.065	1.36	-165.14	0.3525	7.108	0.006	7.096	7.103	7.107	7.112	7.138
DGKI	QF5Ro2DrHxKxd3yod4	rs6976725	3.57	3.42	0.067	1.49	-150.69	0.355	7.108	0.006	7.096	7.103	7.107	7.112	7.138
DGKI	QF5Ro2DrHxKxd3yod4	rs3778799	3.48	3.34	-0.066	1.04	-146.53	0.4125	7.108	0.006	7.096	7.103	7.107	7.112	7.138
DGKI	QF5Ro2DrHxKxd3yod4	rs2113428	3.48	3.34	-0.066	1.4	-138.92	0.4125	7.108	0.006	7.096	7.103	7.107	7.112	7.138
DGKQ	QZiV67oe63s4Nu7B7o	rs873785	11.23	10.71	-0.221	5.09	-27.53	0.36	9.77	0.463	8.779	9.38	9.755	10.071	11.114
DGKQ	QZiV67oe63s4Nu7B7o	rs11724804	19.67	18.75	-0.356	6.31	-1.56	0.4475	9.77	0.463	8.779	9.38	9.755	10.071	11.114
DGKQ	QZiV67oe63s4Nu7B7o	rs3796622	6.27	5.99	-0.122	1.4	15.72	0.3675	9.77	0.463	8.779	9.38	9.755	10.071	11.114
DGKQ	QZiV67oe63s4Nu7B7o	rs3822030	10.59	10.11	0.209	3.79	20	0.4359	9.77	0.463	8.779	9.38	9.755	10.071	11.114
DHCHR24	xfozx4CoquiOrukuzo	rs7551288	3.43	3.28	0.064	2.25	-14.23	0.4175	7.42	0.131	7.142	7.332	7.404	7.497	7.871
DHRS1	uzgiCV3nu7W64veq5k	rs4568	4.35	4.16	-0.088	1.93	0.2	0.265	10.27	0.321	9.462	10.051	10.264	10.493	11.049
DHRS12	rTqv_oNKd0RHnpOl.c	rs9526795	10.22	9.75	-0.202	1.67	-3.74	0.25	7.411	0.127	7.15	7.318	7.397	7.485	7.93
DHRS12	rTqv_oNKd0RHnpOl.c	rs2296027	3.49	3.34	-0.068	2.09	0.92	0.0775	7.411	0.127	7.15	7.318	7.397	7.485	7.93
DHRS12	rTqv_oNKd0RHnpOl.c	rs1543525	4.7	4.49	-0.091	1.07	10.53	0.42	7.411	0.127	7.15	7.318	7.397	7.485	7.93
DHRS12	rTqv_oNKd0RHnpOl.c	rs9535764	4.8	4.59	0.095	0.22	14.88	0.16	7.411	0.127	7.15	7.318	7.397	7.485	7.93
DHRS12	rTqv_oNKd0RHnpOl.c	rs7336182	4.16	3.98	0.081	3.54	34.92	0.07	7.411	0.127	7.15	7.318	7.397	7.485	7.93
DHX32	HQEOrkkq1QKyejp4Hk	rs10510149	17.6	16.77	-0.34	2.57	-29.1	0.445	8.877	0.316	7.825	8.685	8.908	9.097	9.806
DHX32	HQEOrkkq1QKyejp4Hk	rs10794024	17.6	16.77	-0.34	2.57	-28.3	0.445	8.877	0.316	7.825	8.685	8.908	9.097	9.806
DHX32	HQEOrkkq1QKyejp4Hk	rs12356233	21.4	20.39	-0.4	3.83	10.02	0.435	8.877	0.316	7.825	8.685	8.908	9.097	9.806
DHX32	HQEOrkkq1QKyejp4Hk	rs10794030	18.94	18.05	-0.364	2.42	-7.51	0.4625	8.877	0.316	7.825	8.685	8.908	9.097	9.806
DIP13B	0e6Eq5J3FL17994IU	rs1196814	5.12	4.89	-0.101	1.59	-38.27	0.42	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196804	5.13	4.91	0.103	1.34	-27.69	0.4213	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1663564	3.67	3.51	0.071	0.93	-20.9	0.085	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1663563	5.82	5.57	-0.117	1.81	-17.87	0.345	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196872	3.61	3.46	0.07	1.48	-5.04	0.19	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs935251	6.08	5.81	0.122	1.97	13.84	0.345	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196852	3.47	3.33	-0.066	0.71	15.17	0.265	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196751	3.54	3.39	0.067	2.11	-28.47	0.4675	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196753	3.41	3.27	0.066	1.52	-27.38	0.195	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1209637	4.16	3.99	0.082	1.45	3.71	0.2	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs1196797	3.88	3.71	0.077	1.32	6.81	0.1975	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs2374448	5.69	5.44	-0.112	2.05	16.1	0.42	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs10861366	4.03	3.85	-0.08	1.42	30.78	0.23	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs10778374	3.45	3.30	0.066	0.86	30.9	0.4225	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP13B	0e6Eq5J3FL17994IU	rs12822081	4.14	3.97	0.084	1.56	45.6	0.215	9.374	0.33	8.596	9.148	9.385	9.584	10.244
DIP2A	clqLI9fT_SdqC3_5LI	rs2073379	5.23	5.00	0.105	1.28	-15.87	0.1818	7.928	0.223	7.38	7.786	7.915	8.088	8.467
DIP2A	fu.ikvWtFEookVN.hl	rs2073379	4.08	3.90	0.078	0.8	-15.87	0.1818	7.9	0.321	7.294	7.647	7.852	8.108	9.088
DIP2A	9gAocJcEhU11edEipHs	rs2073379	3.37	3.23	0.064	0.22	-15.87	0.1818	7.522	0.242	7.113	7.352	7.503	7.652	8.623
DIP2A	clqLI9fT_SdqC3_5LI	rs11702704	3.67	3.53	-0.071	1.28	-10.57	0.265	7.928	0.223	7.38	7.786	7.915	8.088	8.467
DIP2A	fu.ikvWtFEookVN.hl	rs11702704	3.37	3.23	-0.063	1.57	-10.57	0.265	7.9	0.321	7.294	7.647	7.852	8.108	9.088
DIP2A	fu.ikvWtFEookVN.hl	rs718496	5.21	4.98	0.103	1.63	25.7	0.2176	7.9	0.321	7.294	7.647	7.852	8.108	9.088
DIP2A	clqLI9fT_SdqC3_5LI	rs718496	4.61	4.41	0.094	1.21	25.7	0.2176	7.928	0.223	7.38	7.786	7.915	8.088	8.467
DIP2A	9gAocJcEhU11edEipHs	rs718496	4.34	4.15	0.086	1.29	25.7	0.2176	7.522	0.242	7.113	7.352	7.503	7.652	8.623
DIP2A	clqLI9fT_SdqC3_5LI	rs1029231	4.79	4.58	0.095	1.54	-35.47	0.23	7.928	0.223	7.38	7.786	7.915	8.088	8.467
DIP2A	fu.ikvWtFEookVN.hl	rs1029231	4.76	4.55	0.092	1.35	-38.37	0.23	7.9	0.321	7.294	7.647	7.852	8.108	9.088
DIP2A	9gAocJcEhU11edEipHs	rs1029231	3.77	3.61	0.072	1.02	52.76	0.23	7.522	0.242	7.113	7.352	7.503	7.652	8.623
DIP2A	clqLI9fT_SdqC3_5LI	rs2070433	4.65	4.44	-0.092	1.21	-5.73	0.2175	7.928	0.223	7.38	7.786	7.915	8.088	8.467
DIP2A	fu.ikvWtFEookVN.hl	rs2070433	4.46	4.27	-0.086	1	-8.64	0.2175	7.9	0.321	7.294	7.647	7.852	8.108	9.088
DIP2A	9gAocJcEhU11edEipHs	rs2070433	3.68	3.52	-0.07	0.73	-27.21	0.2175	7.522	0.242	7.113	7.352	7.503	7.652	8.623
DIP2A	clqLI9fT_SdqC3_5LI	rs2070435	5.82	5.57	-0.116	1.93	-5.41	0.315	7.928	0.223	7.38	7.786	7.915	8.088	8.467

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	Minimum	25th	Median		75th
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation							
DIP2A	fu.ikvWtFEookVN.hl	rs2070435	4.91	4.70	-0.094	1.25	-8.31	0.315	7.9	0.321	7.294	7.647	7.852	8.108	9.088	
DIP2A	9gAoJCEhU11edEipHs	rs2070435	4.91	4.69	-0.095	1.64	-26.89	0.315	7.522	0.242	7.113	7.352	7.503	7.652	8.623	
DIP2A	clqLI9fT_SdqC3_5LI	rs2839327	3.67	3.51	0.07	1.02	15.53	0.1925	7.928	0.223	7.38	7.786	7.915	8.088	8.467	
DIP2A	fu.ikvWtFEookVN.hl	rs2248636	4.33	4.15	0.081	2.58	15.63	0.0775	7.9	0.321	7.294	7.647	7.852	8.108	9.088	
DIP2A	fu.ikvWtFEookVN.hl	rs2277827	3.6	3.45	-0.066	0.87	15.98	0.4475	7.9	0.321	7.294	7.647	7.852	8.108	9.088	
DIP2A	fu.ikvWtFEookVN.hl	rs2839349	3.79	3.63	-0.069	0.8	47.17	0.4475	7.9	0.321	7.294	7.647	7.852	8.108	9.088	
P434B0335	E6p0qXfxTuS4U.dlko	rs2270604	3.48	3.33	-0.066	4.1	11.64	0.395	10.155	0.624	8.917	9.687	10.071	10.524	12.303	
P434B0335	E6p0qXfxTuS4U.dlko	rs954050	3.91	3.74	-0.077	4.2	-1.24	0.402	10.155	0.624	8.917	9.687	10.071	10.524	12.303	
ZP564J102	ubfYglEIFega_0KVJE	rs2036912	6.33	6.05	-0.124	2.46	5.74	0.4146	7.156	0.075	7.099	7.114	7.128	7.167	7.639	
ZP564J102	ubfYglEIFega_0KVJE	rs6816903	6.37	6.09	0.125	2.56	7.08	0.4196	7.156	0.075	7.099	7.114	7.128	7.167	7.639	
ZP564J102	ubfYglEIFega_0KVJE	rs10027488	6.19	5.92	0.12	2.4	14.55	0.415	7.156	0.075	7.099	7.114	7.128	7.167	7.639	
DKK3	HmHmBHgdxlHUQOO.Oo	rs11022098	4.69	4.49	0.091	1.53	8.46	0.3325	7.213	0.088	7.106	7.158	7.194	7.241	7.706	
DKK3	HmHmBHgdxlHUQOO.Oo	rs3812743	4.17	3.99	-0.079	1.46	10.82	0.4824	7.213	0.088	7.106	7.158	7.194	7.241	7.706	
DLK2	3ei61vdFFfsfqxERlo	rs2125739	5.82	5.57	0.108	1.7	-5.22	0.2186	7.357	0.139	7.118	7.26	7.334	7.431	7.868	
DLK2	3ei61vdFFfsfqxERlo	rs1214748	5.79	5.54	0.106	1.67	0.6	0.275	7.357	0.139	7.118	7.26	7.334	7.431	7.868	
DLK2	3ei61vdFFfsfqxERlo	rs1674850	6.19	5.92	0.114	2.22	4.56	0.27	7.357	0.139	7.118	7.26	7.334	7.431	7.868	
DLL1	ZkeX1uG2W_RzoS_d8l	rs4710781	3.65	3.50	-0.069	0.81	-9.26	0.2825	7.607	0.218	7.136	7.454	7.595	7.749	8.307	
DLL1	ZkeX1uG2W_RzoS_d8l	rs9348264	3.66	3.51	-0.066	0.55	18.14	0.1325	7.607	0.218	7.136	7.454	7.595	7.749	8.307	
DLL1	ZkeX1uG2W_RzoS_d8l	rs9348266	3.66	3.51	0.066	0.55	28.54	0.1325	7.607	0.218	7.136	7.454	7.595	7.749	8.307	
DLL3	r1kXotIm6P.s.na65U	rs11881477	4.23	4.05	-0.078	1.85	-40.81	0.375	7.176	0.045	7.113	7.144	7.168	7.193	7.357	
DMN	9dVKMuSKETSqSA4TY	rs260105	4.9	4.69	-0.096	2.34	-11.84	0.23	7.182	0.044	7.11	7.154	7.175	7.202	7.43	Yes
DMN	cS0d5EQIAOH26_jqlo	rs8038475	4.88	4.67	0.098	4	-7.62	0.2146	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs7496161	6.88	6.57	0.135	4.01	-3.3	0.1175	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs11636944	26.23	24.99	0.454	7.31	2.32	0.365	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs1965866	18.02	17.18	0.347	6	10.76	0.3675	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs7162579	18.11	17.27	0.35	5.03	-12.56	0.365	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs4965446	7.31	6.98	-0.143	4.2	-8.1	0.11	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs1670227	13.89	13.25	0.269	2.57	-5.27	0.24	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs2292288	4.88	4.67	0.094	0.66	-3.07	0.4925	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs181987	7.2	6.88	0.142	2.93	3.87	0.1332	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs260116	7.72	7.37	0.152	3.4	7.06	0.1375	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs260115	13.23	12.62	0.256	2.64	8	0.2325	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs260113	25.38	24.18	0.449	8.35	9.36	0.3575	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs8039637	8.67	8.27	-0.169	1.34	11.16	0.16	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs2290352	7.61	7.27	-0.151	4.87	13.02	0.1075	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs1703770	11.82	11.27	0.233	2.32	18.58	0.245	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs12903602	5.08	4.86	-0.1	0.74	22.76	0.17	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DMN	cS0d5EQIAOH26_jqlo	rs8032154	9.25	8.83	0.187	2.67	44.87	0.4343	7.795	0.316	7.114	7.581	7.798	8.023	8.611	
DNAH17	IBQkTaBSKuivrugiou	rs595711	3.55	3.40	-0.065	1.85	28.44	0.265	7.38	0.214	7.129	7.273	7.347	7.401	8.826	
DNAH17	IBQkTaBSKuivrugiou	rs671899	3.98	3.81	-0.077	1.19	34.91	0.3832	7.38	0.214	7.129	7.273	7.347	7.401	8.826	
DNAH17	IBQkTaBSKuivrugiou	rs6501225	10.29	9.82	-0.205	2.86	39.75	0.1425	7.38	0.214	7.129	7.273	7.347	7.401	8.826	
DNAH17	IBQkTaBSKuivrugiou	rs8081752	10.63	10.14	-0.21	3.32	45.69	0.135	7.38	0.214	7.129	7.273	7.347	7.401	8.826	
DNAH8	NE6OISXqEhoOoJ06DU	rs13219077	3.64	3.49	-0.072	1.08	48.27	0.2425	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs874808	5.76	5.51	0.118	1.71	82.39	0.3925	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs1738225	4.19	4.01	0.081	1.44	88.24	0.255	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs1678687	4.23	4.05	-0.083	1.5	89.57	0.2538	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs1738220	5.99	5.72	-0.121	2.11	91.5	0.385	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs1738211	7.33	7.00	-0.151	2.72	99.25	0.4025	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs9394546	3.48	3.45	-0.071	1.51	148.42	0.245	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs9380804	3.6	3.48	-0.07	1.52	-145.58	0.2839	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs9394550	6.47	6.14	0.132	2.83	-145.34	0.4025	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAH8	NE6OISXqEhoOoJ06DU	rs9357290	6.72	6.42	-0.142	3.55	-144.93	0.4046	7.148	0.041	7.099	7.119	7.135	7.16	7.337	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs1886152	3.73	3.57	-0.073	3.08	-47.34	0.3914	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs11147895	6.95	6.64	0.142	4.67	-38.56	0.4	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs17623408	6.89	6.58	0.145	3.74	-28.28	0.3625	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs17623620	6.56	6.27	-0.137	3.54	-12.07	0.3475	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs9315981	10.95	10.45	-0.224	5.49	-10.28	0.3525	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs11617079	23.03	21.94	-0.418	8.91	0.5	0.2	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs2281782	23.03	21.94	-0.418	9.01	0.83	0.2	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs7322198	9.91	9.45	-0.211	5.96	2.05	0.4675	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs1359182	14.85	14.16	0.293	8.24	5.73	0.28	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs12322976	5.91	5.65	-0.126	3.6	6.32	0.2168	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
DNAJC15	c94iSk_ze37_u8T6RU	rs1323862	9.91	9.45	-0.211	5.96	6.51	0.4675	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs9533366	14.96	14.26	-0.297	8.75	32.23	0.2725	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs1028735	14.85	14.16	0.295	8.78	41.41	0.2714	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs9315986	14.48	13.81	0.289	8.35	-26.86	0.28	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs2057529	9.85	9.40	-0.213	5.76	-25.18	0.4875	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs9533385	14.91	14.22	-0.297	8.58	-13.57	0.2714	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNAJC15	c94iSk_ze37_u8T6RU	rs7325480	7.61	7.27	-0.166	4.97	7.99	0.495	9.137	0.332	7.279	8.939	9.165	9.369	9.865	Yes
DNM1L	luL6QvXRMi0_z1F7X0	rs10844270	4.06	3.89	0.076	2.73	-28.69	0.4695	8.821	0.359	7.335	8.612	8.868	9.065	9.63	
DNM1L	BeKE6RJKoCCSeM5wKQ	rs11052135	3.73	3.57	-0.072	0.82	-21.5	0.305	7.957	0.362	7.11	7.692	7.912	8.242	8.901	
DNM1L	BeKE6RJKoCCSeM5wKQ	rs11052152	4.7	4.50	0.092	0.39	-9.62	0.2814	7.957	0.362	7.11	7.692	7.912	8.242	8.901	
DNTT	Z7R66dPSoJ00CVH_9k	rs7073871	4.76	4.55	-0.093	1.93	-3.17	0.1231	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DNTT	Z7R66dPSoJ00CVH_9k	rs12774154	4.69	4.49	0.094	2.26	1.11	0.1224	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DNTT	Z7R66dPSoJ00CVH_9k	rs12779564	4.66	4.45	-0.091	1.67	1.54	0.12	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DNTT	Z7R66dPSoJ00CVH_9k	rs11188704	4.75	4.54	0.092	1.93	8.76	0.1225	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DNTT	Z7R66dPSoJ00CVH_9k	rs3818313	4.22	4.03	0.082	1.7	-6.39	0.1125	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DNTT	Z7R66dPSoJ00CVH_9k	rs1923703	4.22	4.03	-0.082	1.7	4.12	0.1125	7.489	0.252	7.132	7.289	7.44	7.639	8.339	
DOCK7	upLP17ReUSi9fS2DIU	rs1167998	4.93	4.71	-0.098	2.45	11.23	0.3625	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs10889333	4.93	4.71	0.098	2.25	36.63	0.3575	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs10889337	4.93	4.71	0.098	2.45	60.21	0.3625	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs11207993	3.95	3.78	-0.077	1.94	-109.5	0.191	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs2031373	5.42	5.18	0.109	1.87	-70.68	0.385	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs10889353	5.02	4.80	-0.099	2.22	-35.77	0.36	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOCK7	upLP17ReUSi9fS2DIU	rs4587594	5.02	4.80	0.099	2.36	-20.04	0.36	7.863	0.172	7.308	7.748	7.867	7.986	8.369	
DOPEY1	019BJAIEJY7ooR0qLU	rs12209871	3.3	3.16	-0.063	1.59	-31.33	0.1275	7.828	0.152	7.307	7.753	7.838	7.931	8.32	
DOPEY1	019BJAIEJY7ooR0qLU	rs12191538	3.96	3.79	-0.077	1.84	-16.23	0.1175	7.828	0.152	7.307	7.753	7.838	7.931	8.32	
DOPEY1	019BJAIEJY7ooR0qLU	rs4706980	4.98	4.76	0.099	2.61	-39.45	0.115	7.828	0.152	7.307	7.753	7.838	7.931	8.32	
DOT1L	EpJ.1qukppEvorByj8	rs10407022	3.74	3.58	-0.07	0.74	19.46	0.1802	7.192	0.07	7.112	7.154	7.177	7.208	7.728	
DPYSL4	cXl3juDSITwIber_CU	rs870552	9.98	9.52	-0.201	2.48	-29.82	0.4	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs7915260	9.24	8.82	0.195	1.75	-22.87	0.4799	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs4880341	10.78	10.29	-0.222	1.89	-7.71	0.445	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs2637648	5.09	4.86	-0.105	3.02	-4.18	0.099	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs1873504	7.55	7.22	-0.153	2.18	1.87	0.1825	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs2101613	9.82	9.37	0.203	2.24	2.36	0.4749	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs923662	6.52	6.23	-0.131	1.98	2.7	0.1809	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs2818405	6.71	6.42	0.137	3.23	12.61	0.1156	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DPYSL4	cXl3juDSITwIber_CU	rs2035804	5.85	5.59	-0.117	1.87	15.11	0.1925	7.942	0.699	7.117	7.322	7.76	8.388	9.872	
DSCR5	cnfv6jwTjixd1HYdTU	rs2843964	9.21	8.79	-0.18	2.86	-3.05	0.3775	9.817	0.288	8.795	9.672	9.842	10.001	10.542	
DSCR5	9131UeadVLaZ_Zogdl	rs2843964	6.97	6.66	-0.137	1.05	-3.05	0.3775	8.417	0.362	7.207	8.189	8.429	8.641	9.869	
DSCR5	9131UeadVLaZ_Zogdl	rs1015549	7.21	6.89	0.147	0.74	3.49	0.4472	8.417	0.362	7.207	8.189	8.429	8.641	9.869	
DSCR5	cnfv6jwTjixd1HYdTU	rs1015549	5.6	5.36	0.112	1.46	3.92	0.4472	9.817	0.288	8.795	9.672	9.842	10.001	10.542	
DSCR5	cnfv6jwTjixd1HYdTU	rs2032088	9.38	8.96	0.187	3.02	32.38	0.34	9.817	0.288	8.795	9.672	9.842	10.001	10.542	
DSCR5	9131UeadVLaZ_Zogdl	rs2032088	8.53	8.15	0.171	1.2	31.94	0.34	8.417	0.362	7.207	8.189	8.429	8.641	9.869	
DSCR5	9131UeadVLaZ_Zogdl	rs1003719	5.61	5.36	-0.112	0.62	45.7	0.42	8.417	0.362	7.207	8.189	8.429	8.641	9.869	
DSCR5	cnfv6jwTjixd1HYdTU	rs1003719	5.06	4.84	-0.1	1.32	46.14	0.42	9.817	0.288	8.795	9.672	9.842	10.001	10.542	
DSCR5	cnfv6jwTjixd1HYdTU	rs1003721	4.74	4.53	0.093	1.06	47.7	0.475	9.817	0.288	8.795	9.672	9.842	10.001	10.542	
DSCR5	9131UeadVLaZ_Zogdl	rs1003721	4.57	4.43	0.089	0.44	47.26	0.475	8.417	0.362	7.207	8.189	8.429	8.641	9.869	
DUS3L	HiCFaZ.edi6e19e5aw	rs2436487	3.39	3.24	0.063	1.08	-1.63	0.1834	9.331	0.37	8.52	9.073	9.294	9.512	10.445	
DUS3L	HiCFaZ.edi6e19e5aw	rs2260187	3.61	3.45	-0.068	1.07	8.61	0.1834	9.331	0.37	8.52	9.073	9.294	9.512	10.445	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs853231	12.91	12.31	0.264	5.01	-35.62	0.4061	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs2074412	13.8	13.16	-0.277	4	-10.94	0.4025	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs853234	13.33	12.71	-0.26	3.72	-6.96	0.35	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs853195	12.93	12.33	0.252	3.57	-1.75	0.3525	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs4794755	22.45	21.39	0.406	5.53	-6.61	0.1425	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs2158235	8.32	7.94	0.17	1.44	11.12	0.42	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs3094501	4.88	4.66	0.098	0.73	26.34	0.4	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs3110621	6.46	6.17	0.13	1.84	33.32	0.3543	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DUSP14	T6pdPBX8iEJ.IUp5oU	rs1048701	3.29	3.15	0.063	0.94	37.14	0.4675	8.303	0.227	7.647	8.13	8.325	8.448	9.055	
DYNLT1	WbS5faHtz_FSULzpc	rs12179730	3.37	3.23	0.066	0.84	44.1	0.175	10.496	0.315	9.559	10.301	10.497	11.325		
EDG7	fk1XUS10kouESkLEw	rs12567433	4.62	4.42	-0.095	1.34	44.56	0.2959	7.143	0.027	7.099	7.124	7.138	7.156	7.23	
EDN3	Tq7UqVbiiE.COuzhik	rs259956	4.36	4.17	-0.086	1.76	-46.2	0.49	7.144	0.035	7.098	7.12	7.138	7.159	7.367	
EDN3	Tq7UqVbiiE.COuzhik	rs6128525	3.62	3.46	0.069	1.19	-28.58	0.2688	7.144	0.035	7.098	7.12	7.138	7.159	7.367	
EFEMP2	WAdR3oSZSiler1PXBO	rs11227311	5.14	4.91	0.097	2.6	-48.66	0.465	7.945	0.329	7.276	7.715	7.895	8.114	9.318	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP	
			association	association		association				transcript (kb)	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10),	Explained	p-value (-log10)				Deviation	percentile	percentile	percentile	Maximum	under	
			p-value (-log10)	GC adj.											probe	
EFEMP2	WAdR3oSZSiler1PXB0	rs635375	3.58	3.43	0.067	2.39	-11.92	0.3166	7.945	0.329	7.276	7.715	7.895	8.114	9.318	Yes
EFEMP2	WAdR3oSZSiler1PXB0	rs13817	3.43	3.28	0.063	2.46	-5.58	0.315	7.945	0.329	7.276	7.715	7.895	8.114	9.318	Yes
EFEMP2	WAdR3oSZSiler1PXB0	rs501630	4.97	4.76	-0.096	2.15	-2.94	0.4179	7.945	0.329	7.276	7.715	7.895	8.114	9.318	Yes
EFEMP2	WAdR3oSZSiler1PXB0	rs653914	4.15	3.97	0.077	1.53	36.3	0.4225	7.945	0.329	7.276	7.715	7.895	8.114	9.318	Yes
EFHC1	Hgkdm0PSBTtYCYgmXk	rs474848	3.88	3.72	-0.074	1.77	-13.08	0.2775	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs17651289	4.66	4.46	0.09	2.85	-10.06	0.1975	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs649330	4.66	4.46	-0.09	2.85	-9.28	0.1975	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs614570	6.29	6.01	-0.125	1.79	34.14	0.425	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs9395795	5.72	5.47	-0.117	1.75	-25.28	0.4875	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs2181274	5.46	5.22	0.113	2.42	-20.86	0.3212	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs6912422	5.35	5.11	-0.11	1.34	-19.12	0.4848	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EFHC1	Hgkdm0PSBTtYCYgmXk	rs941967	4.45	4.26	-0.086	4.25	11.87	0.2425	7.404	0.132	7.136	7.312	7.389	7.476	7.924	
EID1	WnreoAXlc0OLO_W68U	rs4775777	3.31	3.17	0.065	2.15	-38.68	0.4774	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs16961733	13.39	12.77	0.271	4.36	-21.93	0.105	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs10519193	6.08	5.81	-0.126	2.18	-7.34	0.2825	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs4435197	3.4	3.26	-0.067	2.55	-4.86	0.29	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs9806753	7.08	6.76	0.147	2.75	-3.87	0.2475	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs10519197	13.39	12.77	0.271	4.36	-0.06	0.105	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs7162426	13.39	12.77	0.271	4.36	15.29	0.105	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs12907348	3.7	3.55	0.073	2.66	18.36	0.4325	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs4775785	8.56	8.18	0.176	2.73	19.95	0.1425	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs8023445	11.14	10.63	0.227	3.92	20.41	0.105	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID1	WnreoAXlc0OLO_W68U	rs1007662	4.48	4.29	-0.09	1.36	42.93	0.27	7.68	0.184	7.13	7.563	7.687	7.805	8.355	
EID2	KoJv45YM0mA10sRou	rs2082483	4.17	3.99	-0.082	0.84	16.75	0.051	8.955	0.265	7.126	8.763	9.027	9.231	9.738	
EID3	36uKgOPUvI0koBKl8w	rs10778311	5.25	5.02	-0.102	1.61	-39.49	0.3	8.579	0.265	7.69	8.437	8.609	8.766	9.288	
EID3	36uKgOPUvI0koBKl8w	rs7294778	4.01	3.84	-0.077	0.79	-8.09	0.4525	8.579	0.265	7.69	8.437	8.609	8.766	9.288	
EID3	36uKgOPUvI0koBKl8w	rs10861197	4.25	4.07	-0.082	0.87	7.05	0.4497	8.579	0.265	7.69	8.437	8.609	8.766	9.288	
EID3	36uKgOPUvI0koBKl8w	rs7977553	3.62	3.47	0.069	0.88	49	0.3825	8.579	0.265	7.69	8.437	8.609	8.766	9.288	
EIF2B2	Zi7554JE1_Q7qLkSi0	rs11850328	4.26	4.07	0.083	1.4	-43.36	0.3775	9.237	0.21	8.149	9.11	9.256	9.383	9.701	
EIF2B2	Zi7554JE1_Q7qLkSi0	rs174994	7.57	7.23	-0.147	1.49	-35.51	0.4899	9.237	0.21	8.149	9.11	9.256	9.383	9.701	
EIF2B2	Zi7554JE1_Q7qLkSi0	rs175057	7.13	6.81	-0.14	1.43	13.34	0.4698	9.237	0.21	8.149	9.11	9.256	9.383	9.701	
EIF2S2	KowqTEZ512f375WH2w	rs2268086	5	4.78	0.098	2.21	-27.38	0.4075	8.161	0.16	7.829	8.062	8.148	8.26	8.799	
EIF2S2	KowqTEZ512f375WH2w	rs2268089	3.44	3.30	-0.064	1.69	-8.82	0.33	8.161	0.16	7.829	8.062	8.148	8.26	8.799	
EIF4E3	9UUtp.otGonLI50RP8	rs13085841	3.66	3.50	-0.066	0.29	25.66	0.39	9.24	0.393	7.346	9.011	9.258	9.492	9.986	
EIF4E3	9UUtp.otGonLI50RP8	rs6804667	3.49	3.34	0.064	0.45	26.14	0.315	9.24	0.393	7.346	9.011	9.258	9.492	9.986	
EIF5A	WMlfxXlRRVbleqFJvc	rs7220464	4.63	4.43	0.091	1.94	-0.13	0.385	11.045	0.361	9.367	10.875	11.054	11.258	11.959	
EIF5A	WMlfxXlRRVbleqFJvc	rs7216490	5.56	5.32	-0.113	3.17	5.93	0.4925	11.045	0.361	9.367	10.875	11.054	11.258	11.959	
ELA1	iOkLPe1OiaUn_7Uliqk	rs4761998	10	9.55	-0.192	5.73	-40.07	0.3275	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs4762040	7.03	6.71	0.138	2.39	-8.8	0.4372	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs4762042	7.08	6.76	0.138	2.22	-6.51	0.4375	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs10876162	15.5	14.78	-0.291	7	2.06	0.305	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs3847862	15.23	14.52	-0.285	6.27	-7.96	0.395	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs4761874	6.1	5.83	-0.12	3.07	13.62	0.295	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs10783433	3.7	3.55	-0.072	2.37	14.83	0.3883	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs3782473	3.65	3.49	0.068	2.42	15.81	0.215	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs7970638	3.87	3.70	-0.073	2.46	18.05	0.1825	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs11614836	7.53	7.19	-0.148	3.25	33.67	0.46	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
ELA1	iOkLPe1OiaUn_7Uliqk	rs10783436	3.53	3.38	-0.068	2.71	33.84	0.44	8.66	0.454	7.685	8.349	8.611	9.002	9.683	
EMR1	o3SfBOgOKNUUliUgV3o	rs897738	4.76	4.55	-0.09	3.85	14.31	0.2575	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs443658	4.68	4.48	0.088	3.73	16.34	0.2563	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs370094	4.69	4.49	0.089	3.72	16.55	0.2563	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs391020	3.99	3.82	-0.074	2.61	18.31	0.2875	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs8113805	4.76	4.55	-0.09	3.54	20.98	0.2575	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs445817	4.67	4.47	-0.088	3.54	21.87	0.2588	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs606384	3.44	3.30	0.063	1.87	22.83	0.295	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs466876	5.71	5.45	0.107	3.33	26.12	0.195	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs467439	7.18	6.86	0.139	3.85	-23.97	0.365	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs252564	8.74	8.34	0.165	3.75	-17.73	0.25	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs4807916	8.54	8.15	-0.16	4.04	-14.09	0.275	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs3895916	9.31	8.89	0.181	3.73	-12.47	0.4221	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs8112929	5.26	5.02	0.099	2.94	-6.1	0.1	8.126	0.372	7.311	7.899	8.084	8.322	9.536	
EMR1	o3SfBOgOKNUUliUgV3o	rs252552	8.8	8.40	-0.17	3.48	-5.17	0.4121	8.126	0.372	7.311	7.899	8.084	8.322	9.536	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe
			p-value (-log10)	% Variance Explained	p-value (-log10), GC adj.	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
EMR1	o3SfBOgOKNUUIUgV3o	rs457749	4.83	4.62	-0.094	3.11	-0.07	0.24	8.126	0.372	7.311	7.899	8.084	8.322	9.536
EMR1	o3SfBOgOKNUUIUgV3o	rs465543	4.83	4.62	0.094	3.11	1.4	0.24	8.126	0.372	7.311	7.899	8.084	8.322	9.536
EMR1	o3SfBOgOKNUUIUgV3o	rs7259047	8.69	8.30	0.168	4.4	2.95	0.43	8.126	0.372	7.311	7.899	8.084	8.322	9.536
EMR1	o3SfBOgOKNUUIUgV3o	rs465838	4.37	4.18	0.083	2.83	4.38	0.235	8.126	0.372	7.311	7.899	8.084	8.322	9.536
ENC1	EgevnsgEzBAqSV1H3o	rs300262	3.62	3.46	-0.069	0.15	-16.53	0.3875	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs10079609	12.15	11.59	0.244	3.8	-4.62	0.1425	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs10075142	14.83	14.14	-0.291	4.33	3.75	0.1325	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs300240	3.36	3.21	-0.064	0.72	-6.08	0.3342	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs10474420	13.35	12.73	0.267	3.98	-2.24	0.14	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs7704467	3.88	3.72	-0.074	0.71	7.59	0.3325	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENC1	EgevnsgEzBAqSV1H3o	rs6864196	13.75	13.11	0.27	4.41	7.93	0.145	7.459	0.279	7.112	7.263	7.395	7.592	9.076
ENDOG	QFZJxQBzt5EqUd9eU	rs1572912	4.42	4.23	0.086	2.01	-15.22	0.2625	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs15676	4.87	4.66	-0.098	1.92	-8.75	0.2702	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs2997922	5.6	5.36	0.113	2.04	-0.04	0.2775	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs2280843	3.85	3.69	0.077	0.7	0.11	0.23	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs2293968	5.6	5.36	-0.113	2.04	2.29	0.2775	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs2293966	5.6	5.36	-0.113	2.04	6.88	0.2775	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENDOG	QFZJxQBzt5EqUd9eU	rs10988134	3.85	3.69	-0.077	0.7	10.45	0.23	8.453	0.332	7.69	8.219	8.459	8.68	9.322
ENPP2	HWAhSWScVIDXhHqHqMU	rs16892827	4.26	4.08	-0.08	0.27	31.64	0.0875	7.525	0.149	7.15	7.429	7.532	7.605	8.113
ENPP2	HWAhSWScVIDXhHqHqMU	rs7840386	3.69	3.53	0.068	0.52	2.77	0.2475	7.525	0.149	7.15	7.429	7.532	7.605	8.113
ENPP4	96u3X37ITN4wn86PPk	rs6921636	3.88	3.71	0.078	0.96	-17.56	0.4	8.895	0.32	7.827	8.706	8.896	9.119	9.833
ENPP4	96u3X37ITN4wn86PPk	rs7762549	3.88	3.71	-0.078	0.96	0.32	0.4	8.895	0.32	7.827	8.706	8.896	9.119	9.833
ENTPD1	r21KIT.XU2S70KU19U	rs7071836	3.88	3.71	0.073	1.9	-4.88	0.445	7.696	0.429	7.114	7.355	7.585	7.976	9.118
ENTPD1	r21KIT.XU2S70KU19U	rs2051052	3.77	3.61	0.071	1.78	5.62	0.4425	7.696	0.429	7.114	7.355	7.585	7.976	9.118
ENTPD4	Z3EFHF73enn166556U	rs17696480	4.76	4.56	-0.095	2.62	-30.75	0.2312	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs11779953	7.27	6.94	0.149	3.35	-7.18	0.18	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs6557672	14.31	13.65	-0.271	4.9	-3.9	0.475	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs12549539	9.9	9.45	-0.2	3.63	1.11	0.245	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs2293936	7.27	6.94	0.149	3.34	-13.43	0.18	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs4872137	12.61	12.03	-0.242	4.75	1.51	0.5	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs6557675	7.58	7.24	0.149	3.53	19.87	0.32	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs17770799	4.68	4.48	-0.092	2.06	27.17	0.155	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs1010848	4.2	4.02	-0.082	2.14	31.08	0.34	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs7832926	4.42	4.23	0.085	1.67	34.94	0.2975	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs4554474	6.98	6.67	-0.138	2.68	36.12	0.495	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs4265197	6.98	6.67	0.138	3.16	36.23	0.495	8.514	0.455	7.102	8.221	8.47	8.8	9.989
ENTPD4	Z3EFHF73enn166556U	rs4260902	3.97	3.80	0.076	1.75	49.73	0.4125	8.514	0.455	7.102	8.221	8.47	8.8	9.989
EPDR1	flJd37V6.Xzu_Duvi8	rs7807193	4.58	4.38	-0.089	1.65	-25.49	0.2638	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs10488617	4.94	4.72	0.097	1.42	-23.13	0.2225	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs1530820	3.84	3.68	0.075	1.08	-18.91	0.22	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs6964434	5.72	5.46	-0.116	2.66	2.65	0.4275	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs6968251	5.78	5.52	-0.118	2.69	2.73	0.4296	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs1349394	6.67	6.37	0.133	1.62	4.74	0.3825	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPDR1	flJd37V6.Xzu_Duvi8	rs3734952	4.64	4.44	-0.091	1.36	5	0.23	7.4	0.135	7.133	7.3	7.391	7.475	7.986
EPHA4	KWeRQNCyfrfuzkpVC8	rs3770146	3.35	3.21	0.061	1.85	61.45	0.3425	8.749	0.349	7.527	8.573	8.767	8.969	9.678
EPHA4	KWeRQNCyfrfuzkpVC8	rs1367241	3.51	3.36	0.065	1.92	70.67	0.3475	8.749	0.349	7.527	8.573	8.767	8.969	9.678
EPHA4	KWeRQNCyfrfuzkpVC8	rs6436266	3.45	3.30	0.066	1.13	74.49	0.45	8.749	0.349	7.527	8.573	8.767	8.969	9.678
EPHX2	iX1F56pFPfLMSK6XxE	rs2071575	6.16	5.88	-0.12	1.03	-4.05	0.265	10.148	0.415	8.479	9.935	10.166	10.419	11.178
EPHX2	iX1F56pFPfLMSK6XxE	rs13269963	6.67	6.38	0.13	1.42	-1.88	0.18	10.148	0.415	8.479	9.935	10.166	10.419	11.178
EPHX2	iX1F56pFPfLMSK6XxE	rs4149259	3.34	3.20	0.06	0.53	0.01	0.145	10.148	0.415	8.479	9.935	10.166	10.419	11.178
EPM2A	fonSKGqlyB7pHyql4Q	rs10872577	3.77	3.61	-0.071	3.35	-45.88	0.4025	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs9399558	3.77	3.61	0.071	3.35	-34.71	0.4025	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs6903252	3.58	3.43	-0.068	3.51	-23.66	0.4573	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs951143	3.78	3.62	-0.071	2.31	-13.86	0.465	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs6570705	3.3	3.16	-0.061	3.12	14.76	0.43	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs1292337	3.37	3.22	0.063	3.13	21.37	0.4293	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs697053	3.5	3.35	-0.065	3.64	43.37	0.4275	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs702318	3.5	3.35	0.065	3.64	-51.12	0.4275	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPM2A	fonSKGqlyB7pHyql4Q	rs2328709	3.38	3.24	-0.063	3.76	49.83	0.425	7.489	0.12	7.131	7.417	7.489	7.556	8.002
EPS8	KXuDOu3iPSpMnR7Kck	rs3748299	4.7	4.49	-0.094	2.68	-39.41	0.095	7.188	0.056	7.108	7.147	7.172	7.21	7.391
ERC1	NVSwSOVvnfgev1XgRc	rs12313656	3.57	3.42	0.067	1	-167.5	0.055	7.128	0.021	7.102	7.116	7.124	7.134	7.314
ERCC6	QGOF96614gH02f1KVE	rs7906303	3.34	3.20	0.062	0.33	-14.34	0.4925	7.326	0.084	7.159	7.266	7.317	7.38	7.609

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
ERCC8	Ef7nr74h0kqAw197k	rs158570	9.52	9.09	-0.156	4.86	-15.98	0.42	7.119	0.018	7.095	7.106	7.115	7.125	7.249	Yes
ERCC8	Ef7nr74h0kqAw197k	rs3101879	7.36	7.03	0.119	3.46	25.98	0.3725	7.119	0.018	7.095	7.106	7.115	7.125	7.249	Yes
ERMAP	ftYKQoAJ4617UCnPKQ	rs12406643	8.61	8.22	-0.171	3.37	0.9	0.155	7.962	0.269	7.125	7.77	7.96	8.16	8.531	Yes
ERMAP	ftYKQoAJ4617UCnPKQ	rs9960	8.6	8.21	0.17	2.98	7.13	0.1525	7.962	0.269	7.125	7.77	7.96	8.16	8.531	Yes
ERMAP	ftYKQoAJ4617UCnPKQ	rs11576627	4.3	4.12	-0.084	0.93	15.52	0.1	7.962	0.269	7.125	7.77	7.96	8.16	8.531	Yes
ERO1LB	xd1XOcVJSP_7uw6npU	rs10924691	3.51	3.36	-0.062	0.74	-23.07	0.1256	7.275	0.094	7.108	7.201	7.262	7.332	7.583	
ERP27	rt_UgvAp7dQtXgdJl	rs6488724	5.65	5.40	0.111	1.79	-34.22	0.3775	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs4236	5.65	5.40	0.111	1.87	-31.9	0.3775	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs918121	5.45	5.21	-0.103	2.47	4.26	0.3825	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10772817	5.28	5.05	-0.1	2.28	6.67	0.3775	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10846082	5.28	5.05	0.1	2.24	7.34	0.3775	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10047541	5.44	5.21	-0.105	2.33	8.22	0.3827	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs2193360	5.28	5.05	-0.1	2.28	10.04	0.3775	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs2445370	5.43	5.19	-0.102	2.15	-7.34	0.38	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs4764137	5.56	5.31	-0.105	2.48	-2.04	0.38	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs4764140	5.56	5.31	-0.105	2.48	-1.11	0.38	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs12320865	5.56	5.31	0.105	2.48	0.37	0.38	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10772821	5.63	5.38	-0.107	2.28	0.92	0.3794	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10492146	4.19	4.01	-0.076	2.59	14.57	0.27	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs10492145	4.19	4.01	-0.076	2.5	17.6	0.27	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
ERP27	rt_UgvAp7dQtXgdJl	rs2445433	3.88	3.72	0.071	1.71	18.75	0.2437	9.3	0.398	7.829	9.051	9.268	9.52	11.023	
EVC	c4IE4KSR0qUqilgijQ	rs7680768	4.18	4.00	0.081	0.54	-6.84	0.475	7.156	0.034	7.101	7.13	7.153	7.175	7.327	
EVPL	IShJR0vFXUXUVLjVA	rs2069528	6.13	5.86	0.124	3.5	-5.45	0.2475	7.305	0.117	7.12	7.233	7.288	7.357	7.725	
EVPL	IShJR0vFXUXUVLjVA	rs2665993	4.9	4.69	0.097	2.66	6.28	0.3975	7.305	0.117	7.12	7.233	7.288	7.357	7.725	
EXT1	9klKjqrQnnd31S5I1E	rs11783511	3.3	3.16	-0.062	1.89	15.1	0.44	8.102	0.235	7.693	7.955	8.076	8.2	9.2	
EXTL2	6PjIt7v0VPI7vy1_9FE	rs3737580	5.04	4.82	-0.103	0.51	-0.15	0.1025	7.545	0.145	7.125	7.465	7.54	7.636	7.905	
EXTL2	6PjIt7v0VPI7vy1_9FE	rs12040671	5.02	4.80	-0.101	0.2	12.91	0.125	7.545	0.145	7.125	7.465	7.54	7.636	7.905	
F2RL1	BSHqBKISg3u6xAXk64	rs250760	3.75	3.59	-0.07	0.28	-47.23	0.4184	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs250763	3.44	3.30	-0.062	1.09	-28.26	0.225	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs463466	3.99	3.82	-0.072	1.17	-22.63	0.3875	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs615986	3.72	3.56	-0.067	0.97	-21.65	0.385	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs458591	5.39	5.15	0.1	0.36	-21.48	0.4025	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs1030484	3.62	3.46	-0.065	0.64	-14.94	0.435	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs13177258	3.41	3.26	0.062	0.38	-14.32	0.4347	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs6453251	6.04	5.77	0.113	0.62	-7.7	0.465	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs4704366	3.36	3.22	-0.061	0.55	6.08	0.1875	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs6883291	4.04	3.86	0.074	0.65	9.2	0.3075	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F2RL1	BSHqBKISg3u6xAXk64	rs7729082	3.32	3.18	-0.06	0.29	10.88	0.2325	7.787	0.203	7.114	7.676	7.799	7.893	8.498	Yes
F5	r366ojx6gV9blbeDIQ	rs2239854	16.06	15.31	0.316	5.14	-29.91	0.3166	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs6427202	7.73	7.39	-0.154	3.57	-26.89	0.4125	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs1894702	16.12	15.36	-0.316	4.98	-24.88	0.3166	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs3766119	16.24	15.48	0.318	5.2	-24.74	0.3175	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs6678795	12.57	11.99	0.243	4.61	-22.45	0.4975	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs3917854	16.64	15.86	-0.324	5.51	3.31	0.3175	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs6136	4.62	4.42	0.089	2.24	8.23	0.095	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs2205895	14.63	13.95	-0.283	6	16.92	0.37	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs3917751	14.24	13.58	0.277	6.16	20.85	0.3625	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
F5	r366ojx6gV9blbeDIQ	rs2076074	6.21	5.93	0.123	1.49	22.86	0.245	8.331	0.271	7.556	8.153	8.341	8.515	9.308	Yes
FAAH	T715r05qK6Jh44VeAl	rs3863641	3.58	3.43	-0.069	1.83	-16.77	0.4375	7.718	0.314	7.19	7.498	7.644	7.844	8.973	
FADS1	NgUe6X3SXEku63fE6U	rs174534	5.1	4.87	0.095	4.83	-17.64	0.352	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs174537	5.11	4.89	0.092	5.84	-14.42	0.3475	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs102275	4.58	4.38	-0.082	5.62	-9.3	0.3543	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs174546	5.1	4.88	0.093	5.62	2.73	0.3467	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs174556	5.99	5.72	0.109	5.67	-3.67	0.3075	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs968567	7.78	7.43	0.141	4.88	11.25	0.1975	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs1535	4.44	4.43	0.083	5.71	13.66	0.3525	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs174576	4.78	4.57	-0.085	5.73	19.2	0.3575	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS1	NgUe6X3SXEku63fE6U	rs174579	4.8	4.59	0.086	4.21	21.3	0.2475	7.504	0.306	7.106	7.276	7.437	7.677	8.634	
FADS2	3l9KoKkpFBB0g6qf2o	rs174534	6.47	6.18	0.131	3.17	-46.26	0.352	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3l9KoKkpFBB0g6qf2o	rs174537	5.66	5.41	0.111	3	-43.03	0.3475	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3l9KoKkpFBB0g6qf2o	rs102275	4.9	4.69	-0.095	2.78	-37.91	0.3543	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3l9KoKkpFBB0g6qf2o	rs174546	5.58	5.34	0.11	2.78	-25.88	0.3467	7.267	0.101	7.116	7.185	7.258	7.339	7.71	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
FADS2	3I9KoKkpFBB0g6qf2o	rs174556	6.67	6.37	0.131	2.39	-15.08	0.3075	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs968567	16.52	15.74	0.308	3.65	-0.15	0.1975	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs1535	5.54	5.30	0.108	3.02	2.26	0.3525	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs174576	5.67	5.42	-0.11	3.12	7.8	0.3575	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs174579	10.96	10.46	0.215	4.21	9.9	0.2475	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs174611	5.61	5.36	-0.108	2.19	-6.94	0.2925	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs174627	8.85	8.45	-0.173	1.98	2.64	0.1575	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FADS2	3I9KoKkpFBB0g6qf2o	rs174469	3.44	3.30	0.066	0.92	32.62	0.185	7.267	0.101	7.116	7.185	7.258	7.339	7.71	
FAHD1	TZQKi_ha8CAGOI2Kek	rs1742450	4.07	3.89	-0.08	0.99	-22.69	0.2175	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs2575357	3.75	3.59	-0.073	1.01	-13.71	0.205	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs12325218	4.5	4.30	-0.094	1.03	-3.19	0.1375	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs12325282	4.5	4.30	-0.094	1.03	-3.16	0.1375	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs9806945	6.47	6.18	0.141	1.35	4.79	0.1301	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs1657117	4.5	4.30	0.094	1.03	13.48	0.1375	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs1742429	4.5	4.30	-0.094	1.27	14.83	0.1375	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAHD1	TZQKi_ha8CAGOI2Kek	rs173164	4.88	4.66	0.102	1.36	35.11	0.135	8.481	0.276	7.53	8.316	8.465	8.672	9.387	
FAIM	ommptr5mtrifZmriGc	rs1673607	7.2	6.88	0.151	0.23	-38.7	0.45	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAIM	ommptr5mtrifZmriGc	rs559313	7.2	6.88	-0.151	0.23	-29.94	0.45	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAIM	ommptr5mtrifZmriGc	rs503922	7.4	7.06	-0.158	0.26	-4.08	0.4673	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAIM	ommptr5mtrifZmriGc	rs811322	6.83	6.53	-0.142	0.16	1.94	0.4225	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAIM	ommptr5mtrifZmriGc	rs12636246	6.36	6.08	-0.135	0.24	-5.63	0.455	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAIM	ommptr5mtrifZmriGc	rs9878820	4.62	4.42	0.096	0.13	33.2	0.4697	7.182	0.054	7.099	7.138	7.176	7.213	7.373	
FAM100B	3eeDuSp47pHiieH_1A	rs71815	5.71	5.46	-0.103	1.45	2.69	0.3875	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs4789267	6.84	6.53	-0.123	0.85	12.07	0.445	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs8072620	5.83	5.57	0.104	1.57	15.88	0.3	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs2279053	5.88	5.62	-0.104	1.57	20.01	0.3025	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs2279054	5.59	5.34	-0.099	1.49	20.22	0.2975	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs3803737	5.8	5.55	-0.104	1.52	22.12	0.3005	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs6501880	5.88	5.62	0.104	1.57	22.33	0.3025	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM100B	3eeDuSp47pHiieH_1A	rs8074821	5.85	5.60	0.104	1.57	25.72	0.3	11.801	0.425	10.563	11.511	11.799	12.069	12.886	
FAM113B	QH16i4VJvPXI10dc90	rs214697	4.53	4.33	0.09	1.19	-3.86	0.485	12.175	0.422	10.699	11.947	12.194	12.344	13.417	
FAM115A	6d7pVS9qllI0g3F4kl	rs11768025	4.84	4.63	-0.097	1.11	-23.19	0.4325	7.164	0.064	7.105	7.127	7.143	7.179	7.659	
FAM115A	6d7pVS9qllI0g3F4kl	rs6980105	3.45	3.31	0.066	0.33	-17.66	0.3175	7.164	0.064	7.105	7.127	7.143	7.179	7.659	
FAM115A	6d7pVS9qllI0g3F4kl	rs6951299	3.69	3.53	0.072	0.53	-13.09	0.3138	7.164	0.064	7.105	7.127	7.143	7.179	7.659	
FAM118A	xxdKhSDW6ggQOheu9W8	rs2742630	3.51	3.36	-0.067	2.04	-25.34	0.2638	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM118A	xxdKhSDW6ggQOheu9W8	rs104664	50.29	47.87	0.684	3.7	6.04	0.12	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM118A	xxdKhSDW6ggQOheu9W8	rs720682	4.67	4.47	-0.09	1.51	12.04	0.2725	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM118A	xxdKhSDW6ggQOheu9W8	rs742013	6.12	5.85	0.12	1.44	-11.25	0.2625	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM118A	xxdKhSDW6ggQOheu9W8	rs6007594	6.73	6.43	0.133	1.62	-8.27	0.26	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM118A	xxdKhSDW6ggQOheu9W8	rs136564	50.73	48.29	-0.691	3.62	28.23	0.1175	8.176	0.746	7.367	7.686	7.905	8.282	10.571	
FAM119B	T6PUVeX1yuF_hA92BU	rs701008	39.9	37.99	-0.613	11.34	-48.74	0.3775	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs10877011	39	37.14	-0.609	10.59	-41.39	0.3625	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs12368653	17.55	16.73	0.343	3.98	-33.13	0.48	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs2069502	43.03	40.96	0.645	11.39	-21.72	0.3425	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs1048691	5.01	4.79	-0.102	2.28	-13.44	0.1793	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs703842	43.79	41.69	0.649	10.56	-3.64	0.35	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs10877013	44.68	42.54	0.659	11.64	-1.3	0.345	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs2277326	16.17	15.41	0.321	3.26	26.09	0.4369	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM119B	T6PUVeX1yuF_hA92BU	rs4760332	27.89	26.57	-0.485	6.38	46.35	0.3525	8.812	0.382	7.791	8.509	8.763	9.093	9.919	
FAM120B	Wln.vp93VifuXj3ulQ	rs1022614	6.02	5.75	0.12	1.44	-30.82	0.0975	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs12189864	6.34	6.06	0.126	2.12	-28.7	0.2925	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs2144248	6.76	6.46	0.135	1.68	-20.11	0.305	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs9460129	6.71	6.41	-0.138	1.48	-18.02	0.3036	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs9295405	4.59	4.39	-0.089	1.28	-10.02	0.175	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs9459998	7.5	7.16	-0.15	1.42	-9.13	0.1	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs727619	6.76	6.46	-0.135	1.68	-8.04	0.305	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs9460139	7.6	7.26	-0.153	1.53	-2.06	0.098	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs10081152	8.1	7.74	-0.163	1.74	2.02	0.105	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM120B	Wln.vp93VifuXj3ulQ	rs760501	6.68	6.38	0.134	2.61	9.94	0.225	10.647	0.243	9.857	10.499	10.682	10.817	11.2	
FAM131C	WolMFV1V9PH0dK6kX0	rs10927902	3.45	3.30	-0.065	1.38	-4.95	0.2225	7.122	0.015	7.097	7.112	7.119	7.128	7.202	
FAM154B	ZUkqpMNF69F31ruCMI	rs8030250	3.83	3.67	0.073	0.93	-35.61	0.1975	7.204	0.178	7.105	7.132	7.15	7.175	8.088	Yes
FAM154B	ZUkqpMNF69F31ruCMI	rs4778672	6.18	5.90	0.122	1.72	-17.8	0.275	7.204	0.178	7.105	7.132	7.15	7.175	8.088	Yes

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
FAM164A	uWSULpnpAHvsrvX0rA	rs12155808	5.83	5.58	0.116	0.92	-25.3	0.1181	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs11781853	3.97	3.80	0.075	0.82	-15.16	0.0682	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs1384804	14.73	14.04	-0.28	2.27	-6.11	0.22	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs10504680	6.44	6.15	0.128	0.56	-2.33	0.1075	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs979564	10.75	10.26	-0.21	1.43	-2.17	0.1475	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs3736169	13.8	13.16	0.265	2.35	9.53	0.2125	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs7842142	13.8	13.16	-0.265	2.19	15.41	0.2125	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs2369440	13.8	13.16	-0.265	2.19	-8.23	0.2125	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs1441438	13.8	13.16	0.265	2.08	11.83	0.2125	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs6993386	12.72	12.13	-0.251	3.49	24.21	0.2825	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs1119642	3.5	3.36	0.066	2.27	34.55	0.1683	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM164A	uWSULpnpAHvsrvX0rA	rs2717548	3.5	3.36	-0.066	2.44	41.13	0.1675	7.992	0.247	7.296	7.821	7.971	8.146	8.612	
FAM171A1	3IC5T_q0k12.QRLud0	rs10906861	3.92	3.75	-0.076	3.17	-1.25	0.3925	9.324	0.328	8.211	9.152	9.311	9.531	10.107	Yes
FAM19A1	0ij3wqJR1FOc8ld6SI	rs6800897	3.96	3.79	0.074	1.93	13.03	0.3625	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs6548962	16.66	15.88	-0.3	4.84	68.34	0.485	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs7610023	13.69	13.06	0.252	3.38	70.28	0.435	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs6548984	15.9	15.16	-0.288	4.73	95.82	0.4875	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs9309968	7.59	7.25	0.144	2.95	120.96	0.14	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs6768632	21.79	20.76	0.375	6.62	131.56	0.4375	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A1	0ij3wqJR1FOc8ld6SI	rs6776172	15.38	14.66	0.284	4.82	134.46	0.2425	7.734	0.263	7.177	7.527	7.735	7.918	8.519	
FAM19A2	ins1QuR7X3teju9erU	rs7313479	3.33	3.19	0.061	2.32	36.55	0.3712	7.178	0.065	7.102	7.131	7.159	7.205	7.436	
FAM20B	NV9D10LerrhCsqnKx4	rs3813638	4.53	4.33	0.084	1.01	-0.43	0.2925	9.738	0.198	9.039	9.632	9.745	9.855	10.18	
FAM20B	NV9D10LerrhCsqnKx4	rs6425512	4.71	4.51	-0.088	1.13	5.07	0.29	9.738	0.198	9.039	9.632	9.745	9.855	10.18	
FAM20B	NV9D10LerrhCsqnKx4	rs1220	3.48	3.34	-0.063	0.63	-0.2	0.39	9.738	0.198	9.039	9.632	9.745	9.855	10.18	
FAM20B	NV9D10LerrhCsqnKx4	rs3210839	3.58	3.43	0.065	0.22	23.73	0.3325	9.738	0.198	9.039	9.632	9.745	9.855	10.18	
FAM26F	fo3gp0tkrvqejfJL4	rs3777992	3.64	3.49	-0.07	2.76	-42.21	0.27	9.397	0.977	7.124	8.623	9.343	10.185	11.837	
FAM26F	fo3gp0tkrvqejfJL4	rs508521	3.64	3.49	0.07	3	-35.31	0.27	9.397	0.977	7.124	8.623	9.343	10.185	11.837	
FAM26F	fo3gp0tkrvqejfJL4	rs483981	4.5	4.30	-0.089	2.86	-19.48	0.1925	9.397	0.977	7.124	8.623	9.343	10.185	11.837	
FAM26F	fo3gp0tkrvqejfJL4	rs2637669	3.53	3.38	-0.066	1.91	20.11	0.3225	9.397	0.977	7.124	8.623	9.343	10.185	11.837	
FAM38A	07jk11axI4leOee0IA	rs2968482	3.75	3.59	-0.07	0.14	41.77	0.295	10.971	0.483	9.816	10.623	10.997	11.32	12.013	
FAM43A	uske9697_RILqilMCI	rs1773225	3.46	3.31	-0.067	0.52	-3.04	0.4375	8.479	0.478	7.322	8.138	8.543	8.846	9.787	
FAM43A	uske9697_RILqilMCI	rs2126305	3.73	3.57	-0.07	2.11	30.43	0.135	8.479	0.478	7.322	8.138	8.543	8.846	9.787	
FAM45A	cB9cSgUAUIAp9SQfY4	rs4751691	4.6	4.40	0.091	2.44	-13.45	0.44	9.675	0.403	7.813	9.45	9.757	9.955	10.562	
FAM50B	6KKRP.xeuvOJO_h_qIE	rs4959877	3.86	3.70	0.08	1.88	1.14	0.1332	8.777	0.231	8.068	8.607	8.813	8.927	9.341	
FAM50B	6KKRP.xeuvOJO_h_qIE	rs11242890	3.9	3.73	-0.077	1.6	33.83	0.2225	8.777	0.231	8.068	8.607	8.813	8.927	9.341	
FAM76B	9X76IBxAIC_1219V8k	rs11021309	3.71	3.55	0.073	0.93	-0.22	0.4015	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs1150360	4.65	4.45	-0.094	1.55	9.94	0.4897	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs1727165	4.28	4.10	-0.084	1.23	-1.13	0.4874	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs3748256	4.56	4.37	-0.091	0.79	-0.83	0.38	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs568668	4.56	4.37	0.091	0.72	5.43	0.38	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs1784135	4.56	4.37	0.091	0.72	8.97	0.38	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FAM76B	9X76IBxAIC_1219V8k	rs3017756	4.06	3.89	0.08	1.04	14.58	0.4025	9.105	0.416	7.703	8.851	9.142	9.4	10.031	
FARP2	36XikJHoAileUxFebE	rs12694997	3.86	3.69	-0.074	0.73	-32.73	0.2333	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FARP2	36XikJHoAileUxFebE	rs1532788	3.84	3.68	0.074	1.33	34.48	0.2449	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FARP2	36XikJHoAileUxFebE	rs10192057	3.79	3.63	0.071	1.4	-46.27	0.23	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FARP2	36XikJHoAileUxFebE	rs4675814	3.54	3.39	-0.067	1.14	-45.79	0.2375	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FARP2	36XikJHoAileUxFebE	rs17387035	3.65	3.50	-0.069	0.85	-40.25	0.215	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FARP2	36XikJHoAileUxFebE	rs4675812	3.63	3.47	-0.068	0.72	-38.58	0.4475	7.274	0.123	7.11	7.184	7.244	7.335	7.742	Yes
FASTKD1	oYDL6NCnlFKp4Cj5.o	rs12612150	5.32	5.08	-0.102	1.01	-46.02	0.1307	8.289	0.196	7.726	8.16	8.266	8.405	9.391	Yes
FASTKD1	oYDL6NCnlFKp4Cj5.o	rs12465387	5.54	5.30	-0.112	1.24	-36.2	0.0682	8.289	0.196	7.726	8.16	8.266	8.405	9.391	Yes
FASTKD1	oYDL6NCnlFKp4Cj5.o	rs12619026	5.84	5.58	0.114	1.15	-31.48	0.1667	8.289	0.196	7.726	8.16	8.266	8.405	9.391	Yes
FASTKD1	oYDL6NCnlFKp4Cj5.o	rs12052238	9.15	8.74	-0.178	1.18	-14.88	0.0875	8.289	0.196	7.726	8.16	8.266	8.405	9.391	Yes
FASTKD1	oYDL6NCnlFKp4Cj5.o	rs2353196	4.03	3.86	-0.076	0.77	27.05	0.295	8.289	0.196	7.726	8.16	8.266	8.405	9.391	Yes
FBLN5	ciOImESG8pP154G.VY	rs7143288	4.31	4.13	0.082	2.06	2.12	0.4375	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2284337	5.6	5.35	-0.112	0.38	4.97	0.2625	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2284339	17.07	16.27	-0.32	3.25	5.15	0.465	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2430343	5.05	4.83	0.099	0.45	9.91	0.3075	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2430353	4.14	3.96	-0.08	2.08	19.36	0.23	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2254320	6.62	6.32	-0.135	1.57	35.39	0.4275	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs1861087	3.45	3.31	0.065	1.74	35.6	0.165	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2160080	3.58	3.43	-0.069	2.11	38.73	0.1925	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs12589592	4.09	3.92	0.078	0.48	-36.23	0.3475	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
FBLN5	ciOImESG8pP154G.VY	rs2284340	6.69	6.39	-0.137	0.68	-24.99	0.45	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs2498852	5.67	5.42	0.113	1.44	2.33	0.4774	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs1051340	3.92	3.76	0.076	0.45	27.03	0.3036	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBLN5	ciOImESG8pP154G.VY	rs8020861	4.92	4.70	-0.097	0.61	44.03	0.4475	8.477	0.445	7.182	8.162	8.513	8.8	9.616	Yes
FBXL14	03o4XlyS.VTiMig7cY	rs2107525	3.9	3.74	0.075	1.42	1.96	0.36	7.368	0.108	7.136	7.303	7.364	7.426	7.939	
FBXL5	oBNOlul5RUGKRMcuU	rs7685083	4.01	3.84	-0.076	1.4	4.62	0.3525	8.554	0.319	7.693	8.346	8.538	8.749	9.98	
FBXL5	oBNOlul5RUGKRMcuU	rs4235379	4.16	3.98	0.079	1.46	2.27	0.355	8.554	0.319	7.693	8.346	8.538	8.749	9.98	
FBXO2	uy1Mm10X1UJRE111TU	rs909934	8.63	8.24	0.169	1.35	-1.18	0.202	7.587	0.216	7.153	7.443	7.56	7.689	8.228	
FBXO2	uy1Mm10X1UJRE111TU	rs2336031	6.21	5.93	-0.122	1.39	30.72	0.2375	7.587	0.216	7.153	7.443	7.56	7.689	8.228	
FBXO27	QrD1eJUFeNdChew_7o	rs649150	3.64	3.49	-0.073	1.98	-33.18	0.34	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs650027	5.25	5.02	0.107	1.48	-32.98	0.485	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs10417436	5.76	5.51	0.119	1.63	5.73	0.4975	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs4803193	5.68	5.43	0.12	1.36	12.49	0.4974	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs523943	3.9	3.73	-0.078	1.61	12.52	0.2312	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs1627631	4.03	3.86	-0.08	2.13	14.26	0.235	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs7250431	5.76	5.51	-0.119	1.63	15.39	0.4975	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs7259197	5.1	4.88	-0.106	0.84	18.89	0.4625	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO27	QrD1eJUFeNdChew_7o	rs930100	4.41	4.41	0.093	0.7	21.04	0.33	7.158	0.038	7.105	7.132	7.148	7.173	7.307	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs2896987	3.55	3.40	0.065	2.41	-28.5	0.2725	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs1573185	3.7	3.54	0.068	2.41	-18.75	0.275	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs10916290	3.84	3.67	0.07	2.53	-17.44	0.2675	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs2172358	5.26	5.03	0.101	3.46	-19.32	0.2563	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs1826421	6.29	6.01	-0.122	5.34	-7.8	0.415	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs10799505	6.28	6.00	0.122	5.65	3.78	0.4066	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO28	6k7fke9BdeLrZ.BBdQ	rs2139155	3.92	3.75	0.074	4.44	48.8	0.4875	8.808	0.257	7.782	8.65	8.825	8.996	9.352	
FBXO4	0YRDgrjJQJoJaxLuPU	rs10064298	4.97	4.75	0.099	2.34	-23.47	0.0875	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO4	0YRDgrjJQJoJaxLuPU	rs2231910	4.97	4.75	-0.099	2.22	-0.41	0.0875	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO4	0YRDgrjJQJoJaxLuPU	rs10052226	4.88	4.67	-0.098	1.62	14.07	0.0825	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO4	0YRDgrjJQJoJaxLuPU	rs13436920	4.88	4.67	0.098	1.62	24.88	0.0825	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO4	0YRDgrjJQJoJaxLuPU	rs2113053	3.71	3.55	-0.071	1.79	38.24	0.0905	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO4	0YRDgrjJQJoJaxLuPU	rs10076886	4.03	3.86	0.078	1.45	46.81	0.0875	7.497	0.382	7.1	7.188	7.368	7.7	8.643	
FBXO7	EXiktXnuReqsS9wxWM	rs760657	3.72	3.56	0.073	0.85	-13.42	0.17	8.14	0.351	7.385	7.887	8.146	8.367	9.282	
FBXW8	N3SoZdTVadVvwkyCMdg	rs4767470	4.06	3.88	-0.08	1.31	-19.68	0.0825	7.233	0.085	7.101	7.18	7.215	7.268	7.809	
FCRL3	KV7kDSL04uggquLXB4	rs12123141	7.43	7.09	0.144	2.45	-20.35	0.065	9.757	0.471	8.032	9.455	9.742	10.046	11.199	Yes
FCRL3	67unrLpPnjv_uzOezU	rs7522061	8.78	8.39	-0.182	4.04	-2.26	0.4925	7.76	0.253	7.269	7.566	7.723	7.907	8.86	
FCRL3	KV7kDSL04uggquLXB4	rs7522061	8.53	8.14	-0.179	3.09	-2.26	0.4925	9.757	0.471	8.032	9.455	9.742	10.046	11.199	Yes
FCRL3	ZUclXxUi6VEoBJeRT8	rs7522061	6.08	5.81	-0.131	1.24	-2.26	0.4925	7.72	0.216	7.327	7.569	7.683	7.84	8.494	Yes
FCRL3	67unrLpPnjv_uzOezU	rs3761959	9.4	8.97	0.193	4.8	-1.37	0.4625	7.76	0.253	7.269	7.566	7.723	7.907	8.86	
FCRL3	KV7kDSL04uggquLXB4	rs3761959	9.34	8.92	0.194	4.43	-1.37	0.4625	9.757	0.471	8.032	9.455	9.742	10.046	11.199	Yes
FCRL3	ZUclXxUi6VEoBJeRT8	rs3761959	6.07	5.80	0.129	1.01	-1.37	0.4625	7.72	0.216	7.327	7.569	7.683	7.84	8.494	Yes
FCRL3	67unrLpPnjv_uzOezU	rs17727339	4	3.83	-0.075	1.53	9.47	0.2136	7.76	0.253	7.269	7.566	7.723	7.907	8.86	
FCRL3	67unrLpPnjv_uzOezU	rs1999793	6.82	6.52	-0.132	2.17	24.77	0.2236	7.76	0.253	7.269	7.566	7.723	7.907	8.86	
FCRL3	ZUclXxUi6VEoBJeRT8	rs1999793	5.94	5.68	-0.12	1.83	24.77	0.2236	7.72	0.216	7.327	7.569	7.683	7.84	8.494	Yes
FCRL3	KV7kDSL04uggquLXB4	rs1999793	5.24	5.01	-0.102	2.83	24.77	0.2236	9.757	0.471	8.032	9.455	9.742	10.046	11.199	Yes
FCRL3	ZUclXxUi6VEoBJeRT8	rs3818813	4.24	4.06	-0.083	1.43	47.68	0.185	7.72	0.216	7.327	7.569	7.683	7.84	8.494	Yes
FCRL3	67unrLpPnjv_uzOezU	rs3818813	4.16	3.98	-0.078	1.39	47.68	0.185	7.76	0.253	7.269	7.566	7.723	7.907	8.86	
FCRL5	oKnz310LCqgdf6nqE	rs1984492	3.38	3.24	0.063	0.92	-4.28	0.2386	7.314	0.196	7.101	7.181	7.257	7.39	8.261	
FCRL5	oKnz310LCqgdf6nqE	rs4111873	3.42	3.27	-0.063	0.91	11.72	0.2375	7.314	0.196	7.101	7.181	7.257	7.39	8.261	
FCRL5	oKnz310LCqgdf6nqE	rs10489671	3.42	3.27	-0.063	0.91	16.41	0.2375	7.314	0.196	7.101	7.181	7.257	7.39	8.261	
FCRL5	oKnz310LCqgdf6nqE	rs1412676	3.42	3.27	0.063	0.91	17.01	0.2375	7.314	0.196	7.101	7.181	7.257	7.39	8.261	
FDFT1	0Z7unqF.KAuA5K4ggU	rs1296028	3.69	3.53	-0.07	2.39	1.93	0.2425	9.775	0.33	8.483	9.566	9.762	10.008	10.469	Yes
FDFT1	0Z7unqF.KAuA5K4ggU	rs4839	3.84	3.68	0.073	2.49	5.12	0.24	9.775	0.33	8.483	9.566	9.762	10.008	10.469	Yes
FDX1	uTTxOugqQiDmLiJCKk	rs12575797	4.56	4.36	-0.089	1.26	-13.06	0.1325	7.359	0.15	7.114	7.245	7.34	7.448	7.843	
FDX1	uTTxOugqQiDmLiJCKk	rs4576787	3.29	3.15	0.063	1.55	16.57	0.155	7.359	0.15	7.114	7.245	7.34	7.448	7.843	
FDX1	uTTxOugqQiDmLiJCKk	rs12575639	3.32	3.18	0.064	2.08	28.7	0.1875	7.359	0.15	7.114	7.245	7.34	7.448	7.843	
FECH	E44pL8n5SrjAISTxk	rs1062010	13.54	12.91	0.267	5.88	0.04	0.1575	8.094	0.277	7.5	7.918	8.049	8.212	9.617	
FECH	E44pL8n5SrjAISTxk	rs8099511	4.14	3.96	-0.081	0.59	-7.12	0.4325	8.094	0.277	7.5	7.918	8.049	8.212	9.617	
FECH	E44pL8n5SrjAISTxk	rs9319918	4.27	4.09	-0.083	0.85	29.25	0.335	8.094	0.277	7.5	7.918	8.049	8.212	9.617	
FECH	E44pL8n5SrjAISTxk	rs2048953	5.8	5.54	-0.117	2.24	34.1	0.1825	8.094	0.277	7.5	7.918	8.049	8.212	9.617	
FEM1A	QtXlXVaksJEgOKW.E4	rs11085098	3.93	3.76	0.074	2.19	-7.22	0.35	10.265	0.224	9.644	10.136	10.269	10.401	10.943	
FEZ2	rLu7XeK5_IC7EeSB5U	rs1523785	6.89	6.58	-0.137	3.07	-41.62	0.295	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs3770832	7.85	7.49	-0.157	2.95	-40.77	0.3125	9.485	0.448	7.2	9.196	9.43	9.785	10.683	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
FEZ2	rLu7XeK5_IC7EeSB5U	rs2287082	6.64	6.34	-0.133	2.74	-34.39	0.3	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs3770827	6.69	6.39	-0.135	3.21	-31.49	0.2575	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs848520	7.06	6.75	-0.144	4.04	-27.88	0.25	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs3770821	7.63	7.28	-0.152	2.61	-17.27	0.3125	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs848515	6.75	6.45	0.136	4.62	-12.14	0.3575	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs981355	7.53	7.19	0.151	2.75	-9	0.2975	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs1533949	8.55	8.17	-0.171	3.72	1.62	0.3225	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs1533948	8.89	8.48	0.18	4.12	1.74	0.3392	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs13406184	8.86	8.45	-0.178	4.42	11.82	0.3291	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs848596	6.68	6.38	-0.132	4.34	-21.37	0.495	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs848637	6.93	6.62	-0.14	4.81	-16.5	0.3175	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs11691600	6.96	6.65	-0.139	3.97	-15.1	0.335	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs848619	6.62	6.32	-0.132	3.85	-14.47	0.345	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs12105545	6.66	6.36	-0.133	3.45	-11.03	0.32	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs744917	3.41	3.27	-0.065	1.59	10.44	0.395	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs12612163	4.28	4.10	0.082	2.7	23.98	0.3025	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs11124523	4.01	3.84	0.078	2.9	26.03	0.4347	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FEZ2	rLu7XeK5_IC7EeSB5U	rs7600979	3.94	3.78	-0.076	2.99	29.31	0.435	9.485	0.448	7.2	9.196	9.43	9.785	10.683	
FGF14	0QUQo3ff3Srtwnno_c	rs10220127	3.37	3.23	0.068	0.92	22.04	0.2211	7.122	0.033	7.094	7.105	7.112	7.124	7.352	
FGF14	0QUQo3ff3Srtwnno_c	rs11069458	3.8	3.63	0.078	0.7	27.65	0.1825	7.122	0.033	7.094	7.105	7.112	7.124	7.352	
FGF14	0QUQo3ff3Srtwnno_c	rs16960116	4.61	4.41	0.096	0.09	-30.45	0.0825	7.122	0.033	7.094	7.105	7.112	7.124	7.352	
FHOD3	ZlFU6fu_XnGT4fo3Uo	rs669086	3.8	3.64	-0.071	0.18	17.41	0.33	7.127	0.015	7.098	7.116	7.123	7.136	7.179	
FKBP1A	ZpX0eX_ddU7zIb_Oo	rs6131399	5.36	5.13	-0.107	1.65	-15.72	0.1575	7.886	0.3	7.26	7.668	7.86	8.092	8.879	
FKBP1A	ZpX0eX_ddU7zIb_Oo	rs6134733	5.11	4.89	-0.103	2.29	-3.32	0.1224	7.886	0.3	7.26	7.668	7.86	8.092	8.879	
FKBP1A	ZpX0eX_ddU7zIb_Oo	rs1294689	3.68	3.52	-0.073	3.23	-4.55	0.285	7.886	0.3	7.26	7.668	7.86	8.092	8.879	
FKBP1A	ZpX0eX_ddU7zIb_Oo	rs1294690	3.82	3.66	-0.075	2.64	-2.05	0.225	7.886	0.3	7.26	7.668	7.86	8.092	8.879	
FKSG14	9eebDoPI_ITUgJUFYM	rs33396	27.09	25.80	0.477	6.15	-44.92	0.3258	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs402552	39.06	37.19	0.619	9.59	-18.4	0.3795	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs380327	40.61	38.66	0.623	8.95	-15.51	0.385	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs245566	9.11	8.70	0.178	2.73	-12.92	0.2275	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs245560	12.74	12.15	0.246	3.8	-8.74	0.3	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs12517057	5.14	4.91	-0.104	1.88	-8.49	0.3175	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs6897886	40.61	38.66	-0.623	8.76	15.66	0.385	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs6870248	9.11	8.70	0.178	2.73	18.51	0.2275	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs149514	27.36	26.06	0.473	6.46	-7.25	0.455	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs460262	42.24	40.22	0.637	9.51	4.85	0.37	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs16894005	5.55	5.30	-0.113	2.15	11.7	0.315	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs36133	42.24	40.22	0.637	9.31	33.53	0.37	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs12517858	5.55	5.30	0.113	2.15	35.17	0.315	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FKSG14	9eebDoPI_ITUgJUFYM	rs154861	41.17	39.20	0.626	9.31	38.07	0.3725	8.417	0.692	7.124	7.833	8.315	8.94	9.95	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs10412620	5.66	5.41	0.101	1.19	-40.16	0.4725	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs11880808	4.94	4.73	0.092	0.76	-38.9	0.335	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs414974	3.96	3.79	-0.069	0.58	-31.38	0.3175	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs8109759	4.4	4.21	-0.083	1.42	-20.09	0.2789	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs2311223	5.61	5.37	0.107	1.77	-17.53	0.2375	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs11671212	5.81	5.55	0.11	1.77	-16.26	0.395	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs10416550	7.66	7.32	0.147	3.4	-15.49	0.175	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs12609260	6	5.74	-0.112	2.09	-8.78	0.0804	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs8107491	12.63	12.05	0.237	4.98	0.39	0.2875	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs877589	6.04	5.78	-0.114	3.19	7.17	0.3275	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs2288913	3.53	3.38	-0.066	2.48	9.43	0.3945	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10781	N5Nhvdeq7uUJgFSq4M	rs7254929	10.19	9.73	-0.193	4.43	16.52	0.2275	7.21	0.095	7.107	7.15	7.183	7.236	7.964	
FLJ10916	NXkAgin6kSh4U6dSq8	rs2970901	3.96	3.79	-0.072	0.5	-41.08	0.4375	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs7581571	6.97	6.66	-0.133	4.43	-34.68	0.1525	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs10185660	6.37	6.09	-0.121	4.08	-6.68	0.15	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs11894676	4.07	3.89	0.072	3.66	17.17	0.1475	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs1914728	3.82	3.66	0.069	1.98	29.94	0.3275	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs4450598	3.65	3.50	-0.066	1.95	36.61	0.3275	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ10916	NXkAgin6kSh4U6dSq8	rs4260241	3.76	3.60	-0.066	3.45	39.82	0.145	7.257	0.168	7.101	7.152	7.2	7.301	8.481	Yes
FLJ11795	ZeUFUUuOAPB7qUdnkg	rs10065637	4.7	4.50	-0.088	0.94	26.04	0.195	9.487	0.58	7.51	9.154	9.595	9.9	11.125	
FLJ11795	ZeUFUUuOAPB7qUdnkg	rs309622	3.96	3.79	0.076	0.96	32.32	0.3625	9.487	0.58	7.51	9.154	9.595	9.9	11.125	
FLJ11795	ZeUFUUuOAPB7qUdnkg	rs182572	4.03	3.85	-0.074	0.48	39.69	0.2625	9.487	0.58	7.51	9.154	9.595	9.9	11.125	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
FLJ12998	0og6v01SXG0T_VLl84	rs8047645	5.11	4.89	0.107	2.37	-7.62	0.0575	7.607	0.17	7.201	7.506	7.581	7.692	8.327	
FLJ16231	lJfykIBH78W0pDU64	rs2759270	4.07	3.89	0.077	2.52	-6.13	0.3266	7.464	0.159	7.12	7.374	7.438	7.577	7.997	
FLJ16231	lJfykIBH78W0pDU64	rs1984432	3.57	3.42	-0.066	2.76	-3.25	0.2803	7.464	0.159	7.12	7.374	7.438	7.577	7.997	
FLJ20364	xn4dwXoiffC45V9Oic	rs255827	5.4	5.16	-0.106	3.43	-40.27	0.3775	8.25	0.213	7.542	8.107	8.237	8.409	8.769	
FLJ20364	xn4dwXoiffC45V9Oic	rs25748	4.92	4.71	-0.098	2.73	-9.62	0.346	8.25	0.213	7.542	8.107	8.237	8.409	8.769	
FLJ20364	xn4dwXoiffC45V9Oic	rs255824	6.74	6.44	-0.137	3.54	3.52	0.2965	8.25	0.213	7.542	8.107	8.237	8.409	8.769	
FLJ20364	xn4dwXoiffC45V9Oic	rs3797713	5.33	5.09	0.105	2.76	-3.3	0.345	8.25	0.213	7.542	8.107	8.237	8.409	8.769	
FLJ20718	ccOJw6rT5TXVx04f44	rs6500279	4.4	4.21	0.085	2.26	-25.99	0.125	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs4785201	12.42	11.85	-0.248	4.68	-10.71	0.2247	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	KUUCNFV_6ySiCf6OV0	rs4785201	4.1	3.93	-0.074	1.35	-10.72	0.2247	8.226	0.274	7.125	8.085	8.263	8.398	8.911	
FLJ20718	ccOJw6rT5TXVx04f44	rs11649294	8.63	8.24	0.174	3.77	-8.57	0.2462	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs2287197	17.48	16.66	-0.329	6.91	6.69	0.3425	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	KUUCNFV_6ySiCf6OV0	rs2287197	3.82	3.65	-0.067	1.71	6.68	0.3425	8.226	0.274	7.125	8.085	8.263	8.398	8.911	
FLJ20718	ccOJw6rT5TXVx04f44	rs1861662	5.28	5.05	-0.106	3.24	7.48	0.098	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs8051216	16.45	15.69	0.313	6.68	13.87	0.335	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	KUUCNFV_6ySiCf6OV0	rs8051216	3.49	3.35	0.061	1.82	13.86	0.335	8.226	0.274	7.125	8.085	8.263	8.398	8.911	
FLJ20718	ccOJw6rT5TXVx04f44	rs877639	16.45	15.69	-0.313	6.68	18.34	0.335	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	KUUCNFV_6ySiCf6OV0	rs877639	3.49	3.35	-0.061	1.82	18.33	0.335	8.226	0.274	7.125	8.085	8.263	8.398	8.911	
FLJ20718	ccOJw6rT5TXVx04f44	rs2356837	8.38	8.00	0.168	4.01	-19.4	0.205	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs1477128	3.64	3.49	0.07	1.69	-4.75	0.1175	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs8046148	8.82	8.42	0.179	4.65	2.65	0.235	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ20718	ccOJw6rT5TXVx04f44	rs6500291	11.03	10.52	0.219	4.56	14.52	0.29	9.932	0.27	9.18	9.781	9.94	10.076	10.866	
FLJ21125	iuVmmP93r.t.nvXpjk	rs11089314	4.53	4.33	0.084	2.78	-4.23	0.145	8.663	0.239	7.884	8.535	8.653	8.802	9.281	
FLJ21125	iuVmmP93r.t.nvXpjk	rs1052978	4.53	4.33	-0.084	3.06	0.36	0.215	8.663	0.239	7.884	8.535	8.653	8.802	9.281	
FLJ21742	fp5_lbiluURFVwffeM	rs8109218	3.29	3.15	0.062	1.14	9.2	0.3191	7.522	0.185	7.153	7.398	7.504	7.629	8.208	
FLJ22374	r_Uq3ecX_3k1dX51ec	rs11768076	4.34	4.15	-0.084	1.04	18	0.2775	7.19	0.059	7.106	7.148	7.181	7.214	7.55	
FLJ22374	r_Uq3ecX_3k1dX51ec	rs12701035	4.34	4.15	0.084	1.02	20.65	0.2775	7.19	0.059	7.106	7.148	7.181	7.214	7.55	
FLJ23322	0vXLd99PifXRSQ3kf0	rs139954	3.87	3.71	-0.076	0.77	-34.38	0.065	7.232	0.075	7.123	7.182	7.217	7.262	7.643	
FLJ23322	0vXLd99PifXRSQ3kf0	rs139985	3.39	3.25	-0.066	0.61	-27	0.0675	7.232	0.075	7.123	7.182	7.217	7.262	7.643	
FLJ23322	0vXLd99PifXRSQ3kf0	rs1000427	3.55	3.40	-0.067	0.59	5.82	0.0825	7.232	0.075	7.123	7.182	7.217	7.262	7.643	
FLJ33360	6STNV7ekQKIRL4XuBI	rs271399	4.19	4.01	-0.074	1.72	31.12	0.495	7.189	0.105	7.107	7.134	7.163	7.21	8.229	
FLJ33360	6STNV7ekQKIRL4XuBI	rs7702608	3.72	3.56	0.065	0.93	44.41	0.392	7.189	0.105	7.107	7.134	7.163	7.21	8.229	
FLJ33790	0l5Ed51dOkXUZASV8E	rs534812	3.52	3.37	-0.066	1.82	-22.51	0.41	7.436	0.169	7.153	7.329	7.415	7.509	8.157	
FLJ33790	0l5Ed51dOkXUZASV8E	rs571632	3.52	3.37	0.066	1.83	-9.33	0.4075	7.436	0.169	7.153	7.329	7.415	7.509	8.157	
FLJ35429	EFQApU5CuiruA45VLI	rs1611371	4	3.83	0.073	0.82	-22.78	0.2286	7.384	0.148	7.135	7.281	7.356	7.48	7.915	
FLJ35429	EFQApU5CuiruA45VLI	rs2523399	3.94	3.77	0.073	1.8	-2.73	0.4573	7.384	0.148	7.135	7.281	7.356	7.48	7.915	
FLJ35429	EFQApU5CuiruA45VLI	rs932338	5.12	4.90	0.096	0.8	4.13	0.1809	7.384	0.148	7.135	7.281	7.356	7.48	7.915	
FLJ35429	EFQApU5CuiruA45VLI	rs1633068	4.98	4.77	-0.092	0.8	7.54	0.185	7.384	0.148	7.135	7.281	7.356	7.48	7.915	
FLJ35429	EFQApU5CuiruA45VLI	rs1610628	4.86	4.66	-0.09	0.74	11.44	0.1834	7.384	0.148	7.135	7.281	7.356	7.48	7.915	
FLJ36980	Kun54l6ziw7oN6oKrk	rs2460892	3.44	3.29	0.063	1.21	-9.75	0.2675	7.173	0.035	7.111	7.148	7.171	7.191	7.32	
FLJ38451	TNTReQJxdOVfxPV1_U	rs2112502	3.9	3.74	-0.07	0.71	-7.67	0.3325	9.523	0.28	8.647	9.371	9.532	9.691	10.45	
FLJ40852	fKrdS514ddEne9c4Qo	rs7791469	5.06	4.84	0.096	2.35	-14.5	0.485	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs10261515	3.97	3.80	-0.074	1.49	-5.43	0.495	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs6963959	5.18	4.95	-0.098	3.14	3.57	0.4175	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs1008318	5.73	5.47	0.109	2.59	-4.4	0.4775	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs917197	7	6.69	0.139	3.08	29.94	0.4774	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs2234002	6.29	6.01	-0.124	2.82	40.77	0.4925	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs2190245	7.02	6.71	0.139	3.08	46.06	0.4775	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ40852	fKrdS514ddEne9c4Qo	rs11773137	6.29	6.01	0.124	2.82	48.29	0.4925	7.364	0.146	7.1	7.245	7.355	7.44	7.969	
FLJ43692	rdqf.h4otf4QoAH3NI	rs7779313	4.52	4.32	-0.09	2.19	-21.93	0.19	7.166	0.045	7.106	7.137	7.156	7.178	7.394	
FLJ43752	oegVAeXkdC1Sd5U0ck	rs513349	3.82	3.69	0.076	3.82	-12.16	0.395	7.209	0.072	7.11	7.159	7.199	7.236	7.657	
FLJ43752	oegVAeXkdC1Sd5U0ck	rs210138	5.67	5.42	0.111	1.87	-11.35	0.17	7.209	0.072	7.11	7.159	7.199	7.236	7.657	
FLJ43752	oegVAeXkdC1Sd5U0ck	rs210139	3.72	3.56	0.07	3.55	-10.47	0.39	7.209	0.072	7.11	7.159	7.199	7.236	7.657	
FLJ43752	oegVAeXkdC1Sd5U0ck	rs375555	5.87	5.61	-0.116	3.08	-3.37	0.1975	7.209	0.072	7.11	7.159	7.199	7.236	7.657	
FLJ44216	cnXntc55ofvgV45lIf0	rs2303666	4.2	4.02	0.079	3.5	20.54	0.11	8.4	0.187	7.771	8.299	8.42	8.486	9.435	
FN3KRP	WrE1KLfT597zxVt13k	rs1046875	7.74	7.39	0.155	2.79	-0.43	0.3687	10.609	0.348	9.556	10.363	10.633	10.854	11.42	Yes
FN3KRP	WrE1KLfT597zxVt13k	rs1046889	4.42	4.23	-0.086	1.09	-0.35	0.1375	10.609	0.348	9.556	10.363	10.633	10.854	11.42	
FN3KRP	WrE1KLfT597zxVt13k	rs652265	5.97	5.70	0.121	3.29	32.53	0.3825	10.609	0.348	9.556	10.363	10.633	10.854	11.42	
FN3KRP	WrE1KLfT597zxVt13k	rs2677913	5.81	5.55	-0.118	3.17	35.02	0.37	10.609	0.348	9.556	10.363	10.633	10.854	11.42	
FN3KRP	WrE1KLfT597zxVt13k	rs583245	5.82	5.56	0.118	3.3	37.59	0.3725	10.609	0.348	9.556	10.363	10.633	10.854	11.42	
FN3KRP	WrE1KLfT597zxVt13k	rs11078011	5.82	5.56	-0.118	3.3	47.69	0.3725	10.609	0.348	9.556	10.363	10.633	10.854	11.42	
FNBP1L	61sopC9fjygy5BezOo	rs17109997	4.73	4.52	0.093	1.81	-13.3	0.085	7.459	0.146	7.149	7.367	7.446	7.548	8.03	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
FNBP1L	61sopC9fjygy5BezOo	rs2624437	5.26	5.03	0.105	2.98	-1.28	0.0975	7.459	0.146	7.149	7.367	7.446	7.548	8.03
FOLR3	NIW3bqPpJ141CrXeo	rs7925545	6.71	6.41	0.127	2.7	-1.23	0.0775	8.487	1.148	7.101	7.566	8.122	9.166	12.541
FOXA1	ZINu5_TUu85H9RL6E	rs1884798	4.33	4.15	0.084	1.66	-11.4	0.3525	7.135	0.053	7.102	7.113	7.12	7.135	7.54
FOXA1	ZINu5_TUu85H9RL6E	rs7144658	3.29	3.15	-0.064	1.52	2.55	0.435	7.135	0.053	7.102	7.113	7.12	7.135	7.54
FOXA1	ZINu5_TUu85H9RL6E	rs1008236	4.18	4.00	0.08	1.78	9.75	0.355	7.135	0.053	7.102	7.113	7.12	7.135	7.54
FOXJ1	xsninweoqOWJ_egceo	rs2585738	3.75	3.59	0.071	1.72	10.17	0.2625	7.201	0.074	7.107	7.155	7.185	7.232	7.59
FOXRED1	H6R4UoCHI3hXfJISJU	rs478309	6.19	5.92	0.127	4.85	1.41	0.195	9.1	0.296	7.544	8.933	9.103	9.259	9.824
FOXRED1	H6R4UoCHI3hXfJISJU	rs583697	3.9	3.74	0.078	4.3	31.99	0.2525	9.1	0.296	7.544	8.933	9.103	9.259	9.824
FOXRED1	H6R4UoCHI3hXfJISJU	rs611151	3.74	3.58	-0.074	3.88	40.44	0.2225	9.1	0.296	7.544	8.933	9.103	9.259	9.824
FRMD4A	iVTUmNI4UvHny8HK4	rs7080759	3.72	3.56	0.068	1.67	-135.38	0.25	7.155	0.054	7.093	7.121	7.142	7.172	7.564
FSBP	foshZXXYEKSpCZFfzA	rs3019146	11.42	10.90	0.23	3.36	-30.07	0.3775	7.212	0.093	7.102	7.146	7.184	7.247	7.561
FSBP	foshZXXYEKSpCZFfzA	rs2246066	10.04	9.59	0.207	2.36	-25.02	0.4041	7.212	0.093	7.102	7.146	7.184	7.247	7.561
FSBP	foshZXXYEKSpCZFfzA	rs2930961	12.22	11.65	-0.243	3.39	-0.37	0.35	7.212	0.093	7.102	7.146	7.184	7.247	7.561
FSBP	foshZXXYEKSpCZFfzA	rs935052	9.78	9.33	-0.198	2.94	12.81	0.43	7.212	0.093	7.102	7.146	7.184	7.247	7.561
FSD1	WiUpFdd7R_efol8HUg	rs4807578	5.78	5.52	-0.113	1.23	1.62	0.3375	7.379	0.146	7.128	7.273	7.356	7.458	7.961
FTSJ2	fiDoOelV6N5E3I2ees	rs10257990	4.4	4.21	-0.087	2.96	-41.26	0.3625	7.169	0.048	7.105	7.134	7.155	7.193	7.381
FTSJ2	fiDoOelV6N5E3I2ees	rs7799006	6.25	5.97	0.13	3.52	-3.61	0.325	7.169	0.048	7.105	7.134	7.155	7.193	7.381
FUT10	QkuJi9PKyd6ep.tJQ	rs1533470	8.14	7.77	0.163	3.67	-44.29	0.395	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs12155581	9.97	9.52	-0.2	4.49	-42.86	0.445	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs6982159	8.87	8.47	-0.18	3.24	-38.2	0.4697	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs2348613	8.29	7.91	0.167	3.44	-36.14	0.392	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs2732315	8.34	7.97	0.168	3.46	-17.34	0.392	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs2732316	8.35	7.98	0.167	3.16	-16.56	0.3925	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs2676415	6.81	6.50	0.141	2.42	-0.05	0.2513	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs6468171	8.57	8.18	-0.171	3.53	25.41	0.4075	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FUT10	QkuJi9PKyd6ep.tJQ	rs2304748	9.14	8.72	0.185	4.2	39.28	0.435	7.136	0.027	7.101	7.116	7.128	7.147	7.251
FXN	oiJXrXITL0IECy_1f4	rs3829062	3.54	3.39	-0.065	2.06	17.85	0.4673	7.456	0.16	7.103	7.352	7.434	7.544	7.965
FXN	oiJXrXITL0IECy_1f4	rs2309394	3.86	3.69	0.071	2.22	-17.84	0.4675	7.456	0.16	7.103	7.352	7.434	7.544	7.965
FXN	oiJXrXITL0IECy_1f4	rs3793465	4.21	4.03	0.078	2.3	-9.51	0.43	7.456	0.16	7.103	7.352	7.434	7.544	7.965
FXN	oiJXrXITL0IECy_1f4	rs7859021	3.33	3.19	0.061	2.36	5.31	0.4375	7.456	0.16	7.103	7.352	7.434	7.544	7.965
FXN	oiJXrXITL0IECy_1f4	rs953588	3.67	3.52	-0.068	3	15.88	0.3825	7.456	0.16	7.103	7.352	7.434	7.544	7.965
G3BP2	rVX_Dit9Tv4qAt_Rz4	rs2055997	3.72	3.56	-0.071	1.88	-32.88	0.309	9.346	0.415	7.128	9.194	9.409	9.624	9.957
GABBR2	E7aK4I7m3sF7h14m4	rs1167763	3.8	3.64	0.075	0.88	-125.31	0.0875	7.112	0.009	7.096	7.106	7.111	7.117	7.144
GABBR2	E7aK4I7m3sF7h14m4	rs1999500	3.3	3.16	-0.062	1.15	-114.96	0.2825	7.112	0.009	7.096	7.106	7.111	7.117	7.144
GABBR2	E7aK4I7m3sF7h14m4	rs1034160	3.29	3.15	-0.061	1.16	-113.13	0.2814	7.112	0.009	7.096	7.106	7.111	7.117	7.144
GALNT4	9N1yRYI6R8pJ.Swurg	rs6538189	5.31	5.08	-0.104	2.18	-27.27	0.23	8.262	0.336	7.106	8.072	8.267	8.46	9.428
GALNT4	9N1yRYI6R8pJ.Swurg	rs10858881	5.31	5.08	-0.104	2.18	-21.71	0.23	8.262	0.336	7.106	8.072	8.267	8.46	9.428
GALNT4	9N1yRYI6R8pJ.Swurg	rs10777177	3.42	3.28	0.064	0.83	-14.09	0.4648	8.262	0.336	7.106	8.072	8.267	8.46	9.428
GAS2	lcO08SHxssX7MXqEqc	rs337484	3.91	3.74	0.074	0.38	-32.32	0.1556	7.179	0.062	7.109	7.14	7.166	7.196	7.585
GAS2	lcO08SHxssX7MXqEqc	rs1027536	3.95	3.78	0.073	0.66	-11.44	0.1625	7.179	0.062	7.109	7.14	7.166	7.196	7.585
GAS2	lcO08SHxssX7MXqEqc	rs619365	3.75	3.59	-0.07	0.66	-7.01	0.165	7.179	0.062	7.109	7.14	7.166	7.196	7.585
GATC	9g8cQB1TZIuix.uIU	rs2235218	4.84	4.63	-0.092	2.74	4.34	0.32	7.712	0.245	7.171	7.54	7.705	7.889	8.351
GATM	3SI46J_6el0jEXCCfl	rs1719247	3.3	3.16	-0.061	0.89	-32.34	0.2425	7.174	0.081	7.101	7.122	7.141	7.195	7.575
GATM	3SI46J_6el0jEXCCfl	rs4774580	3.62	3.46	0.067	1.3	-1.24	0.255	7.174	0.081	7.101	7.122	7.141	7.195	7.575
GATM	3SI46J_6el0jEXCCfl	rs1346268	3.62	3.46	0.067	1.3	-10.81	0.255	7.174	0.081	7.101	7.122	7.141	7.195	7.575
GATS	KEX7C7Vd6.Xa66ZXgc	rs3735241	4.69	4.48	0.088	2.36	-10.41	0.49	8.579	0.36	7.649	8.327	8.588	8.779	9.867
GATS	KEX7C7Vd6.Xa66ZXgc	rs1061230	5.81	5.55	0.115	2.66	0.7	0.28	8.579	0.36	7.649	8.327	8.588	8.779	9.867
GATS	KEX7C7Vd6.Xa66ZXgc	rs2950520	5.81	5.55	0.115	2.52	20.59	0.28	8.579	0.36	7.649	8.327	8.588	8.779	9.867
GBL	x3IXV5Wb9KI2tIlgRQ	rs26828	3.86	3.70	-0.073	1.09	-10.96	0.5	8.638	0.26	8.124	8.451	8.611	8.784	9.434
GBL	x3IXV5Wb9KI2tIlgRQ	rs26873	3.77	3.58	0.07	0.97	-8.13	0.4225	8.638	0.26	8.124	8.451	8.611	8.784	9.434
GCAT	BWrEjdJLkyYoIT4WeY	rs5756813	5.57	5.51	-0.117	2.17	-28.48	0.3675	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCAT	BWrEjdJLkyYoIT4WeY	rs4821714	5.64	5.39	-0.113	1.73	-11.5	0.38	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCAT	BWrEjdJLkyYoIT4WeY	rs2413485	5.64	5.39	-0.113	1.73	-10.04	0.38	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCAT	BWrEjdJLkyYoIT4WeY	rs2285177	7.2	6.88	-0.148	2.64	1.94	0.305	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCAT	BWrEjdJLkyYoIT4WeY	rs2285179	4.22	4.04	0.086	1.65	-0.95	0.4315	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCAT	BWrEjdJLkyYoIT4WeY	rs6000905	3.86	3.69	-0.076	1.36	28.53	0.385	7.542	0.218	7.125	7.396	7.511	7.654	8.4
GCDH	cU3qrLl856u_iSLiog	rs11085825	5.97	5.71	0.125	2.25	-3.33	0.39	10.222	0.271	9.488	10.044	10.217	10.335	11.171
GCDH	QiflCorpo6LqC4IEeM	rs11085825	3.75	3.59	0.076	1.65	-3.33	0.39	8.477	0.185	8.103	8.354	8.471	8.581	9.162
GCDH	cU3qrLl856u_iSLiog	rs11667458	4.51	4.31	-0.092	2.49	8.77	0.165	10.222	0.271	9.488	10.044	10.217	10.335	11.171
GCDH	cU3qrLl856u_iSLiog	rs2293683	6.19	5.99	-0.13	2.46	28.5	0.385	10.222	0.271	9.488	10.044	10.217	10.335	11.171
GCDH	QiflCorpo6LqC4IEeM	rs2293683	3.76	3.60	-0.076	1.8	28.5	0.385	8.477	0.185	8.103	8.354	8.471	8.581	9.162
GCDH	cU3qrLl856u_iSLiog	rs1010222	6.18	5.90	-0.13	2.19	37.83	0.39	10.222	0.271	9.488	10.044	10.217	10.335	11.171

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	% Variance Explained	Distance from transcript (kb)	p-value (-log10)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum			
GCDH	QiflCorpo6LqC4iEeM	rs1010222	3.95	3.78	-0.081	1.7	37.83	0.39	8.477	0.185	8.103	8.354	8.471	8.581	9.162	
GCNT2	Hlky7_py6v3hJU6g5U	rs504117	4.6	4.40	0.091	2.71	-37.6	0.44	7.479	0.182	7.131	7.368	7.457	7.553	8.72	
GCNT2	Hlky7_py6v3hJU6g5U	rs631299	5.46	5.22	-0.109	2.95	-27.52	0.45	7.479	0.182	7.131	7.368	7.457	7.553	8.72	
GCNT2	Hlky7_py6v3hJU6g5U	rs560194	5.51	5.26	0.11	2.96	-27.16	0.4475	7.479	0.182	7.131	7.368	7.457	7.553	8.72	
GCNT2	Hlky7_py6v3hJU6g5U	rs597697	3.47	3.32	-0.069	1.97	-17	0.4077	7.479	0.182	7.131	7.368	7.457	7.553	8.72	
GCNT2	6qBJSGLn0INGKOP2gU	rs6456591	4.26	4.08	0.083	1.79	14.23	0.075	7.209	0.062	7.106	7.166	7.202	7.236	7.527	
GDE1	WnxZ90X9BVN7pf7UpU	rs3830052	4.11	3.94	-0.077	2.47	-11.48	0.0875	8.513	0.267	7.887	8.319	8.509	8.695	9.43	
GDE1	WnxZ90X9BVN7pf7UpU	rs9302382	4.49	4.30	0.083	2.85	4.01	0.07	8.513	0.267	7.887	8.319	8.509	8.695	9.43	
GDE1	WnxZ90X9BVN7pf7UpU	rs3751821	3.87	3.71	-0.07	2.37	14.05	0.0653	8.513	0.267	7.887	8.319	8.509	8.695	9.43	
GDE1	WnxZ90X9BVN7pf7UpU	rs2285661	4.49	4.30	-0.083	2.85	18.32	0.07	8.513	0.267	7.887	8.319	8.509	8.695	9.43	
GDF2	Tl6ir76jkkK44AohKo	rs2376635	3.57	3.42	-0.065	2.03	-23.05	0.0985	7.316	0.073	7.143	7.272	7.309	7.356	7.789	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs1790144	5.46	5.22	0.103	1.63	-24.97	0.1025	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs1793399	3.42	3.28	-0.062	1.6	-16.36	0.125	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs947844	3.85	3.68	0.07	1.6	-7.98	0.0825	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs618202	4.94	4.73	0.092	1.81	1.62	0.1025	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs12291026	3.99	3.82	0.073	1.49	18.36	0.09	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs10899091	3.99	3.82	-0.073	1.26	18.93	0.09	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GDPD5	lu1JIXQpIKtFwVKLUQ	rs1938800	3.54	3.39	-0.067	1.62	19.25	0.115	8.986	0.567	7.839	8.575	8.899	9.314	10.755	
GFM1	Nv1IAL6n9UJL3Pfa9I	rs7624934	3.65	3.49	0.07	1.05	-20.59	0.425	9.93	0.296	8.994	9.714	9.939	10.154	10.578	
GFM1	Nv1IAL6n9UJL3Pfa9I	rs9842500	3.65	3.49	0.07	1.05	-12.08	0.425	9.93	0.296	8.994	9.714	9.939	10.154	10.578	
GFPT1	fJS6S7OdMfoS8qCr_U	rs13030665	3.45	3.30	-0.063	0.99	-31.66	0.415	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GFPT1	fJS6S7OdMfoS8qCr_U	rs3923626	4.92	4.70	0.097	1.45	-27.81	0.445	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GFPT1	fJS6S7OdMfoS8qCr_U	rs10164798	8.08	7.72	0.161	2.75	12.94	0.4322	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GFPT1	fJS6S7OdMfoS8qCr_U	rs7586596	11.25	10.73	-0.219	3.29	4.25	0.37	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GFPT1	fJS6S7OdMfoS8qCr_U	rs4581940	8.65	8.26	0.171	2.63	41.47	0.4422	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GFPT1	fJS6S7OdMfoS8qCr_U	rs4284873	8.34	7.96	0.164	2.59	48.98	0.44	8.232	0.194	7.555	8.118	8.246	8.356	8.732	
GGH	ortS6TuiAkXzi6CD_g	rs921833	4.15	3.97	-0.08	2.78	-47.27	0.215	7.539	0.165	7.211	7.416	7.52	7.64	8.078	
GGH	ortS6TuiAkXzi6CD_g	rs3780127	3.39	3.25	-0.063	2.62	-10.25	0.11	7.539	0.165	7.211	7.416	7.52	7.64	8.078	
GGH	ortS6TuiAkXzi6CD_g	rs13270305	4.62	4.42	0.089	1.9	-0.15	0.24	7.539	0.165	7.211	7.416	7.52	7.64	8.078	
GGH	ortS6TuiAkXzi6CD_g	rs1031551	4.13	3.95	0.078	1.72	12.46	0.26	7.539	0.165	7.211	7.416	7.52	7.64	8.078	
GGNBP2	Vwv3Op_7fy_bp5kpeU	rs2074103	3.55	3.40	-0.067	0.89	-10.4	0.425	10.69	0.22	10.256	10.535	10.678	10.837	11.451	
GGLT3	K6ADqx8ua6QCUBEvEl	rs6119535	3.59	3.44	-0.065	0.54	-6.31	0.3775	8.118	0.378	7.136	7.843	8.136	8.363	9.462	
GIMAP5	BjlfF7XV6T7qt6m4R4	rs2286898	3.51	3.37	0.067	2.14	0.24	0.33	12.828	0.439	11.391	12.537	12.844	13.132	14.077	
GINS2	irp0SIKOkjrkIBDnhY	rs11865	8.27	7.90	0.172	0.94	-1.96	0.2675	7.856	0.287	7.25	7.678	7.806	8.014	9.179	
GINS2	irp0SIKOkjrkIBDnhY	rs3815795	8.66	8.27	0.181	1.05	0.82	0.26	7.856	0.287	7.25	7.678	7.806	8.014	9.179	
GLRX5	BhV3kDu0t1AiLNV1QM	rs3742339	3.38	3.24	0.065	1.99	-1.91	0.4296	11.813	0.253	10.704	11.659	11.829	11.947	13.253	
GM2A	9JKrUKClq6XYTQHl6M	rs10060351	6.02	5.75	-0.12	1.14	-44.78	0.0678	9.607	0.599	8.553	9.141	9.478	9.981	11.641	
GM2A	9JKrUKClq6XYTQHl6M	rs1004736	4.5	4.31	-0.087	1.73	-19.8	0.195	9.607	0.599	8.553	9.141	9.478	9.981	11.641	
GNA11	xXWxH2ZF90X.tBpApI	rs308033	7.23	6.91	0.145	3	5.45	0.26	8.682	0.366	7.786	8.443	8.617	8.894	9.853	
GNA11	xXWxH2ZF90X.tBpApI	rs308052	5.22	4.99	0.103	2.52	10.1	0.135	8.682	0.366	7.786	8.443	8.617	8.894	9.853	
GNA11	N47iN3hfv0kCwEkdVE	rs2714449	3.63	3.47	-0.066	1.59	27.81	0.21	7.14	0.027	7.1	7.122	7.132	7.151	7.283	Yes
GNA11	N47iN3hfv0kCwEkdVE	rs11980616	3.61	3.46	0.067	1.02	35.47	0.12	7.14	0.027	7.1	7.122	7.132	7.151	7.283	Yes
GNA11	N47iN3hfv0kCwEkdVE	rs2886611	3.57	3.42	0.063	1.51	-5.42	0.2286	7.14	0.027	7.1	7.122	7.132	7.151	7.283	Yes
GNAI3	fpj49LIRDsBKvrL7x0	rs1434285	4.29	4.11	-0.081	0.93	-10.49	0.185	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAI3	fpj49LIRDsBKvrL7x0	rs12044778	3.94	3.77	0.074	1.03	-6.89	0.16	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAI3	fpj49LIRDsBKvrL7x0	rs518076	5.21	4.98	0.103	1.22	17.74	0.1075	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAI3	fpj49LIRDsBKvrL7x0	rs7537507	4.31	4.13	0.081	1.24	-5.87	0.16	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAI3	fpj49LIRDsBKvrL7x0	rs510619	5.73	5.48	0.116	1.8	20.39	0.16	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAI3	fpj49LIRDsBKvrL7x0	rs865774	4.24	4.06	0.084	1.08	32.22	0.165	9.001	0.425	8.094	8.653	8.952	9.349	9.986	
GNAL	6UCSEYJKlJpJkWJJ8s	rs6505669	4.57	4.37	0.089	0.33	-29.76	0.201	7.118	0.012	7.096	7.11	7.117	7.125	7.163	
GNAL	WaW3ePdX84J5KeGjjo	rs9963456	4.38	4.20	-0.088	0.02	19.97	0.2025	7.12	0.017	7.096	7.109	7.116	7.127	7.224	
GNAL	WaW3ePdX84J5KeGjjo	rs1662609	4.89	4.67	0.099	0.05	20.2	0.205	7.12	0.017	7.096	7.109	7.116	7.127	7.224	
GNAT2	TCAFKHml33DXRT10o	rs7544426	3.49	3.34	0.062	0.2	20.27	0.055	7.203	0.072	7.115	7.145	7.184	7.242	7.487	
GNB1L	c.X.ui5dNEoa4d6qUk	rs2269725	6.9	6.60	-0.136	2.48	8.79	0.115	8.571	0.311	7.979	8.386	8.537	8.737	9.683	
GNB1L	c.X.ui5dNEoa4d6qUk	rs12485220	6.4	6.12	-0.127	2.48	14.37	0.1156	8.571	0.311	7.979	8.386	8.537	8.737	9.683	
GNB1L	c.X.ui5dNEoa4d6qUk	rs7285519	3.38	3.24	-0.062	0.97	-17.31	0.3	8.571	0.311	7.979	8.386	8.537	8.737	9.683	
GNB5	6eddlIHfUieiepEIMI	rs6493534	10.05	9.59	0.205	4.32	-33.39	0.4125	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHfUieiepEIMI	rs17650082	4.2	4.02	0.081	0.45	-21.22	0.2925	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHfUieiepEIMI	rs2398	4.63	4.43	-0.089	3.69	-5.71	0.1475	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHfUieiepEIMI	rs2414133	20.19	19.24	0.377	6.7	-0.56	0.28	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHfUieiepEIMI	rs2899485	22.04	21.00	0.398	6.2	6.36	0.295	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHfUieiepEIMI	rs4238384	11.87	11.32	0.232	7.47	23.21	0.1884	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
GNB5	6eddlIHUieiepEIMI	rs12909184	6.35	6.07	0.126	4.46	-21.55	0.1925	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs10220890	8.32	7.95	-0.167	1.31	-20.28	0.105	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs12438743	6.35	6.07	0.126	4.7	-18.06	0.1925	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs12595160	3.83	3.66	0.073	2.98	-8.68	0.1675	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs1063902	11.47	10.94	-0.227	7.23	12.79	0.2337	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs1011050	14	13.35	-0.269	4.51	30.92	0.345	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs1011051	6.54	6.25	0.128	1.37	31.09	0.305	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs2278295	7.48	7.15	0.147	1.86	31.98	0.285	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs3794550	8.49	8.10	-0.17	2.15	33.78	0.1608	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs6493546	15.16	14.46	-0.289	4.97	34.49	0.34	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNB5	6eddlIHUieiepEIMI	rs4405491	4.16	3.98	0.08	0.6	43.36	0.145	7.597	0.282	7.142	7.378	7.521	7.804	8.346	Yes
GNG8	NB16f3mIZOUCOFZ64Y	rs11083841	4.51	4.32	-0.084	1.93	-17.3	0.1382	7.474	0.269	7.126	7.261	7.412	7.651	8.963	
GNG8	NB16f3mIZOUCOFZ64Y	rs1126510	16.41	15.65	-0.299	8.25	-13.55	0.345	7.474	0.269	7.126	7.261	7.412	7.651	8.963	
GNG8	NB16f3mIZOUCOFZ64Y	rs931646	3.37	3.23	-0.062	2.06	-2.58	0.225	7.474	0.269	7.126	7.261	7.412	7.651	8.963	
GNG8	NB16f3mIZOUCOFZ64Y	rs931647	13.25	12.64	-0.246	4.81	5.43	0.3625	7.474	0.269	7.126	7.261	7.412	7.651	8.963	
GNLY	NcStv3iV3Rfte6CCRI	rs1030862	3.33	3.19	0.062	2.36	-18.98	0.3625	10.199	1.345	7.266	9.132	10.195	11.099	13.956	
GNLY	NcStv3iV3Rfte6CCRI	rs11887600	4.54	4.34	0.088	1.98	-1.79	0.1	10.199	1.345	7.266	9.132	10.195	11.099	13.956	
GNLY	NcStv3iV3Rfte6CCRI	rs11887686	4.7	4.50	-0.091	2.18	-1.75	0.1005	10.199	1.345	7.266	9.132	10.195	11.099	13.956	
GNLY	NcStv3iV3Rfte6CCRI	rs7577293	5.77	5.52	0.117	3.11	9.4	0.231	10.199	1.345	7.266	9.132	10.195	11.099	13.956	
GNMT	inden4sL1p3XHFRHt4	rs9471969	3.72	3.56	-0.073	3.15	-22.12	0.3025	7.343	0.132	7.128	7.258	7.317	7.409	8.049	
GNMT	inden4sL1p3XHFRHt4	rs9462853	3.45	3.31	0.067	3.1	-17.83	0.309	7.343	0.132	7.128	7.258	7.317	7.409	8.049	
GNMT	inden4sL1p3XHFRHt4	rs6927188	3.67	3.52	-0.075	2.32	-15.91	0.2888	7.343	0.132	7.128	7.258	7.317	7.409	8.049	
GNPTAB	0knsQAeVFJSO4VOpTQ	rs10860794	3.38	3.23	-0.059	1.09	-6.91	0.33	9.783	0.287	8.3	9.637	9.794	9.942	10.96	
GOLGB1	KRoC5eQASK6MYoSvok	rs1492178	5.36	5.12	-0.106	3.07	-39.45	0.2275	8.777	0.422	7.131	8.49	8.776	9.067	9.929	
GOLGB1	KRoC5eQASK6MYoSvok	rs9841861	14.38	13.72	-0.276	4.95	-15.24	0.1225	8.777	0.422	7.131	8.49	8.776	9.067	9.929	
GOLGB1	KRoC5eQASK6MYoSvok	rs9849087	13.94	13.30	-0.27	4.95	-3.38	0.11	8.777	0.422	7.131	8.49	8.776	9.067	9.929	
GOLGB1	KRoC5eQASK6MYoSvok	rs6766694	3.54	3.39	-0.067	3.61	32.47	0.3442	8.777	0.422	7.131	8.49	8.776	9.067	9.929	
GOLGB1	KRoC5eQASK6MYoSvok	rs6795182	3.54	3.39	0.067	4.03	37.28	0.3442	8.777	0.422	7.131	8.49	8.776	9.067	9.929	
GOSR2	6nmUuqFyZKH.rDUwDo	rs197922	4.63	4.43	0.094	2.52	8.08	0.3275	7.384	0.153	7.117	7.268	7.37	7.477	7.856	Yes
GOSR2	cV1IC9EGk6OF0.yOpE	rs197922	3.83	3.67	-0.073	0.88	8.08	0.3275	8.343	0.192	7.472	8.23	8.366	8.463	8.823	
GOSR2	cV1IC9EGk6OF0.yOpE	rs3809854	3.73	3.57	-0.07	0.51	10.56	0.4475	8.343	0.192	7.472	8.23	8.366	8.463	8.823	
GOSR2	6nmUuqFyZKH.rDUwDo	rs7214920	4.58	4.39	0.091	3.46	32.4	0.1332	7.384	0.153	7.117	7.268	7.37	7.477	7.856	Yes
GPA33	KE6r16_9eTVjF0leic	rs2281960	3.76	3.60	-0.072	1.73	-0.04	0.475	9.018	0.416	7.824	8.727	9.003	9.267	10.099	
GPA33	KE6r16_9eTVjF0leic	rs12042641	3.49	3.34	0.066	1.07	5.16	0.34	9.018	0.416	7.824	8.727	9.003	9.267	10.099	
GPD1L	3NRFCKu_44riruQKgc	rs12106865	4.88	4.67	-0.098	2.37	-13.54	0.0875	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs1159444	4.13	3.95	0.081	2.83	-1.96	0.1275	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs748607	4.51	4.31	0.087	2.36	0.57	0.31	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs13061945	4.36	4.17	0.083	2.26	6.28	0.3125	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs9861404	4.47	4.28	-0.089	2.83	-27.01	0.1566	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs7622177	3.57	3.42	-0.074	1.99	-15.07	0.3175	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs17028984	6.78	6.48	0.135	3.37	9.06	0.1125	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPD1L	3NRFCKu_44riruQKgc	rs9842565	5.54	5.30	0.11	3.29	13.28	0.19	10.486	0.282	9.629	10.337	10.493	10.673	11.119	
GPM6A	KN3SnyJ.MdHX_EiGfc	rs10213204	3.39	3.25	-0.066	0.68	47.02	0.1125	7.142	0.051	7.099	7.12	7.13	7.145	7.491	
GPM6A	KN3SnyJ.MdHX_EiGfc	rs10022458	3.9	3.74	0.076	0.7	78.77	0.0625	7.142	0.051	7.099	7.12	7.13	7.145	7.491	
GPR103	urhLrp3f57uepFFU74	rs17051336	4.55	4.35	-0.093	1.02	-47.31	0.0625	7.133	0.021	7.099	7.119	7.129	7.141	7.237	
GPR137B	Tr0pbK9dCg3fC.5UCE	rs10802285	5.8	5.55	0.112	1.78	6.01	0.27	8.688	0.305	8.02	8.473	8.673	8.863	9.579	
GPR160	x5VeHjJP0g7t.4KnMU	rs16854708	3.94	3.77	-0.075	1.35	-41.9	0.2275	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs6804761	4.91	4.70	0.101	0.65	-33.9	0.405	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs6771051	3.32	3.18	0.064	1.68	-32.48	0.4625	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs16854735	7.09	6.77	0.142	4.41	-25.93	0.1775	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs12636720	11.5	10.97	-0.228	4.2	-25.68	0.335	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs16854744	9.06	8.64	0.183	2.57	-21.42	0.2753	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs7621777	6.75	6.45	0.134	2.39	21.56	0.3	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs2241295	5.13	4.91	-0.101	1.42	-5.25	0.31	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs1352204	9.67	9.23	0.194	3.63	13.33	0.42	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR160	x5VeHjJP0g7t.4KnMU	rs6444898	5.24	5.03	0.104	1.41	28.93	0.3075	8.187	0.362	7.13	7.931	8.181	8.436	9.088	
GPR19	indenl.07J0nOkVU4E	rs10492237	13.95	13.30	-0.265	2.66	34.96	0.09	7.851	0.234	7.31	7.693	7.82	7.982	8.655	
GPR19	indenl.07J0nOkVU4E	rs10734854	6.26	5.98	-0.121	1.29	44.75	0.25	7.851	0.234	7.31	7.693	7.82	7.982	8.655	
GPR19	indenl.07J0nOkVU4E	rs10845613	6.55	6.26	0.127	1.38	45.01	0.2525	7.851	0.234	7.31	7.693	7.82	7.982	8.655	
GPSM2	Kfd6E5m.iroqtewrn0	rs12090453	3.62	3.47	-0.068	0.28	-3.6	0.4075	7.385	0.1	7.132	7.326	7.364	7.43	8.003	
GPSM2	Kfd6E5m.iroqtewrn0	rs338466	3.74	3.58	-0.069	0.04	13.17	0.485	7.385	0.1	7.132	7.326	7.364	7.43	8.003	
GPSM2	Kfd6E5m.iroqtewrn0	rs865151	3.41	3.26	-0.061	0.08	22.85	0.465	7.385	0.1	7.132	7.326	7.364	7.43	8.003	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
GPSM2	Kfd6E5m.iroqtewrn0	rs12066799	3.73	3.57	-0.068	0.48	46.54	0.4372	7.385	0.1	7.132	7.326	7.364	7.43	8.003	
GPX7	NiJ34UuDRSWMYG35QQ	rs835342	5.27	5.04	0.103	0.84	-4.01	0.49	9.749	0.307	8.224	9.588	9.789	9.959	10.35	
GPX7	NiJ34UuDRSWMYG35QQ	rs6588431	3.65	3.50	0.07	0.09	-0.46	0.425	9.749	0.307	8.224	9.588	9.789	9.959	10.35	
GRAMD3	02.s3vpcuhJ7165F3o	rs4358517	3.58	3.43	0.067	0.59	-1.25	0.245	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD3	02.s3vpcuhJ7165F3o	rs1026928	3.44	3.30	-0.064	0.54	1.19	0.2475	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD3	02.s3vpcuhJ7165F3o	rs6895921	3.41	3.27	-0.064	0.73	9.72	0.2425	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD3	02.s3vpcuhJ7165F3o	rs900643	3.35	3.21	0.062	1.18	26.53	0.2625	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD3	02.s3vpcuhJ7165F3o	rs7714395	3.43	3.28	0.065	1.04	30.44	0.27	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD3	02.s3vpcuhJ7165F3o	rs1552240	3.56	3.41	0.067	0.98	31.97	0.2675	8.504	0.369	7.725	8.241	8.522	8.737	9.845	
GRAMD4	3NpGp3qdVuulJ7L.xQ	rs5767276	3.52	3.37	-0.063	1.32	-38.91	0.175	8.363	0.306	7.451	8.208	8.347	8.52	9.63	
GRAMD4	3NpGp3qdVuulJ7L.xQ	rs5769010	3.81	3.65	-0.07	1.59	-29.82	0.325	8.363	0.306	7.451	8.208	8.347	8.52	9.63	
GRAMD4	3NpGp3qdVuulJ7L.xQ	rs6520049	3.76	3.60	0.071	1.53	-26.35	0.2764	8.363	0.306	7.451	8.208	8.347	8.52	9.63	
GRAMD4	3NpGp3qdVuulJ7L.xQ	rs9616080	3.29	3.15	0.06	0.89	-4.49	0.2325	8.363	0.306	7.451	8.208	8.347	8.52	9.63	
GRB10	oxeEs4WN3mX96qakJ4	rs6948959	3.76	3.60	-0.072	1.2	39.29	0.2525	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2529423	4.93	4.72	0.096	3.72	54.99	0.1482	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2237461	4.9	4.69	0.095	3.76	-70.37	0.1475	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2715094	3.42	3.28	-0.065	1.21	-69.6	0.2487	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2190503	5.83	5.58	0.116	4.76	-57.43	0.14	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2715135	3.71	3.55	-0.072	3.33	-49.92	0.392	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs933360	4.28	4.09	0.083	1.52	-41.8	0.275	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs7794299	7.62	7.28	0.149	4.17	-16.86	0.1825	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs1978208	8.12	7.76	0.159	4.5	-14.6	0.185	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs6943153	5.54	5.30	-0.109	1.98	-8.47	0.3367	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs6593140	6.46	6.18	0.126	3.56	-1.92	0.145	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs2108350	6.46	6.18	-0.126	3.56	0.12	0.145	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs12536500	12.71	12.12	-0.242	5.46	7.98	0.2663	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs1019000	5.93	5.67	-0.116	3.19	9.72	0.31	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	QVVPuLrW4JEm_FIXAU	rs10486759	3.55	3.40	0.07	0.06	40.55	0.0575	7.106	0.01	7.091	7.101	7.104	7.108	7.204	Yes
GRB10	oxeEs4WN3mX96qakJ4	rs10281065	5.21	4.98	0.102	2.39	29.92	0.2775	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs4947861	7.87	7.52	0.155	4.12	35.84	0.2125	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRB10	oxeEs4WN3mX96qakJ4	rs1014384	4.3	4.11	-0.082	2.65	47.6	0.32	7.42	0.157	7.121	7.303	7.414	7.505	8.263	
GRHPR	WQnsIASyl6KlqCQFuU	rs17502738	4.52	4.33	-0.091	0.33	4.66	0.185	8.94	0.268	8.252	8.751	8.917	9.126	9.711	
GRHPR	WQnsIASyl6KlqCQFuU	rs1571234	3.35	3.21	-0.064	0.19	49.62	0.38	8.94	0.268	8.252	8.751	8.917	9.126	9.711	
GRIN3A	0WdSggaA57fuJOC4Go	rs6479056	3.5	3.35	0.064	1.54	27.63	0.26	7.14	0.041	7.099	7.123	7.133	7.145	7.568	
GRIN3A	0WdSggaA57fuJOC4Go	rs1415645	4.97	4.76	0.094	0.8	-41.57	0.1658	7.14	0.041	7.099	7.123	7.133	7.145	7.568	
GSDM1	TVw5fVbduue7XxRcKk	rs1007654	4.88	4.67	0.097	1.73	-7.87	0.3425	7.206	0.08	7.118	7.152	7.18	7.237	7.597	
GSDM1	TVw5fVbduue7XxRcKk	rs7219080	4.81	4.60	0.096	1.66	-4.71	0.3417	7.206	0.08	7.118	7.152	7.18	7.237	7.597	
GSDM1	TVw5fVbduue7XxRcKk	rs3902025	4.52	4.33	0.09	1.96	0.03	0.402	7.206	0.08	7.118	7.152	7.18	7.237	7.597	
GSDML	9xS3tdHINIHFNe0Uuo	rs11557467	4.87	4.65	-0.091	2.12	-32.21	0.42	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs2872507	4.69	4.49	0.088	1.56	-20.09	0.4	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs8067378	5.04	4.82	-0.095	2.08	-9.5	0.4225	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs2305480	5.27	5.04	0.099	2.01	1.35	0.3825	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs2290400	5.64	5.39	0.108	2.58	5.39	0.4141	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs7216389	4.47	4.28	0.083	2.23	-3.84	0.4175	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs4795405	4.36	4.17	-0.081	1.8	14.62	0.3675	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs8079416	3.29	3.15	-0.061	1.64	18.92	0.4749	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSDML	9xS3tdHINIHFNe0Uuo	rs3894194	3.68	3.53	-0.069	1.85	48.2	0.4775	9.962	0.587	8.254	9.567	9.99	10.4	11.633	
GSR	ugUohG7pqS6hUyN94A	rs7822088	3.36	3.22	0.061	1.99	-38.24	0.3075	8.639	0.223	8.036	8.499	8.612	8.792	9.45	Yes
GSR	ugUohG7pqS6hUyN94A	rs3594	8.15	7.78	-0.163	3.39	-0.78	0.3965	8.639	0.223	8.036	8.499	8.612	8.792	9.45	Yes
GSR	ugUohG7pqS6hUyN94A	rs2978662	4.13	3.96	-0.079	2.17	-15.62	0.205	8.639	0.223	8.036	8.499	8.612	8.792	9.45	Yes
GSR	ugUohG7pqS6hUyN94A	rs2278092	3.92	3.75	0.074	2.09	16.36	0.2075	8.639	0.223	8.036	8.499	8.612	8.792	9.45	Yes
GSR	ugUohG7pqS6hUyN94A	rs2956012	3.34	3.20	0.062	1.59	36.85	0.19	8.639	0.223	8.036	8.499	8.612	8.792	9.45	Yes
GSTM1	uoT.ogUhToQUzknqTg	rs11807	4.56	4.36	-0.088	1.18	24.38	0.2	7.69	0.789	7.098	7.112	7.121	8.346	10.175	
GSTM1	Nsj.dtzjfhRbM.iU	rs11807	4.3	4.11	-0.084	0.95	24.38	0.2	8.029	0.76	7.096	7.422	7.724	8.688	10.296	Yes
GSTM1	uoT.ogUhToQUzknqTg	rs11101992	5.33	5.09	0.104	1.43	30.39	0.23	7.69	0.789	7.098	7.112	7.121	8.346	10.175	
GSTM1	Nsj.dtzjfhRbM.iU	rs11101992	4.91	4.70	0.097	1.09	30.39	0.23	8.029	0.76	7.096	7.422	7.724	8.688	10.296	Yes
GSTM3	KhEgRIZfHpBef0IVe0	rs3754446	5.72	5.47	0.113	0.9	-23.31	0.3342	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs929166	4.58	4.38	-0.089	0.39	-21.38	0.255	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs11807	8.55	8.16	-0.17	6.6	-15.81	0.2	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs11101992	11.4	10.87	0.224	7.41	-9.8	0.23	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs4970774	28.66	27.30	0.488	6.68	-7.73	0.435	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs1927328	9.64	9.20	0.193	2.1	-0.81	0.2764	8.362	0.675	7.148	7.882	8.477	8.809	9.8	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
GSTM3	KhEgRIZfHpBef0IVe0	rs7483	9.09	8.68	0.18	2.26	0.2775	8.362	0.675	7.148	7.882	8.477	8.809	9.8		
GSTM3	KhEgRIZfHpBef0IVe0	rs10735234	50.52	48.09	-0.693	13.06	-1.1	0.4425	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs2274536	11.6	11.07	0.231	4.34	11.54	0.3015	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs1887546	11.63	11.09	0.231	4.14	12.6	0.3	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs6684608	38.23	36.40	-0.586	10.84	13.25	0.4175	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs11591171	5.55	5.30	-0.105	3.95	15.07	0.085	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs2094469	7.2	6.87	0.143	3.17	16.51	0.2575	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs3818562	8.94	8.53	-0.18	2.42	17.4	0.4625	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM3	KhEgRIZfHpBef0IVe0	rs4970779	3.56	3.41	0.067	0.63	20.46	0.3	8.362	0.675	7.148	7.882	8.477	8.809	9.8	
GSTM4	QjkkfdEvXqgilOv76I	rs1799875	7.78	7.43	-0.158	2.62	-49.73	0.4925	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs1799875	4.65	4.45	-0.091	2.74	-49.73	0.4925	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs865774	3.98	3.81	0.08	2.41	-29.51	0.165	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	QjkkfdEvXqgilOv76I	rs524998	6.35	6.07	-0.126	3.68	-28.75	0.3	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs524998	3.96	3.79	-0.075	4.23	-28.75	0.3	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs2269340	5.41	5.18	-0.108	1.05	-26.47	0.0825	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs2269340	5.41	5.17	-0.107	0.65	-26.47	0.0825	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs7544426	3.58	3.43	0.068	0.75	-22.72	0.055	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	QjkkfdEvXqgilOv76I	rs12745189	20.67	19.70	-0.385	7.22	-12.14	0.5	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs12745189	11.46	10.93	-0.226	6.94	-12.14	0.5	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs668413	9.54	9.11	-0.188	4.44	-2.76	0.365	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs668413	5.93	5.67	-0.115	4.39	-2.76	0.365	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs560018	6.66	6.36	-0.133	3.67	1.66	0.3175	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTM4	rhd3h6hNTd5c16hdRE	rs560018	3.79	3.63	-0.072	4.26	1.66	0.3175	7.966	0.388	7.195	7.659	7.966	8.232	9.042	
GSTM4	QjkkfdEvXqgilOv76I	rs638820	4.67	4.47	0.092	1.74	5.58	0.4824	7.736	0.335	7.148	7.479	7.753	7.98	8.857	Yes
GSTT1	EuJ6gFOV_RbXSS1ECQ	rs140289	4.82	4.61	-0.094	3	-39.81	0.2825	7.942	0.53	7.1	7.665	7.96	8.298	9.278	
GSTT1	EuJ6gFOV_RbXSS1ECQ	rs6004011	12.11	11.55	0.23	2.5	-38.07	0.1575	7.942	0.53	7.1	7.665	7.96	8.298	9.278	
GSTT1	EuJ6gFOV_RbXSS1ECQ	rs738809	15.53	14.81	-0.293	7.02	21.26	0.335	7.942	0.53	7.1	7.665	7.96	8.298	9.278	
GTF2E2	B1eogKZ4m6Tkr.nu8	rs2979510	5.06	4.84	-0.095	2.91	-45.83	0.495	10.76	0.259	9.974	10.613	10.782	10.928	11.343	
GTF2E2	B1eogKZ4m6Tkr.nu8	rs7833529	4.89	4.67	0.092	2.82	19.17	0.4675	10.76	0.259	9.974	10.613	10.782	10.928	11.343	
GTF2E2	B1eogKZ4m6Tkr.nu8	rs10955031	4.06	3.88	-0.075	2.21	-39.81	0.305	10.76	0.259	9.974	10.613	10.782	10.928	11.343	
GTF2E2	B1eogKZ4m6Tkr.nu8	rs7822088	4.47	4.28	0.084	2.47	-17.54	0.3075	10.76	0.259	9.974	10.613	10.782	10.928	11.343	
GUCY1B2	BISWFphJfSdYQIRNF8	rs1328361	3.78	3.62	0.069	2.53	26.09	0.3275	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs913465	3.42	3.27	-0.061	2.69	26.69	0.3266	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs9568496	3.56	3.41	0.064	2.28	32.9	0.3225	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs7994990	5.01	4.79	0.093	2.04	-33.95	0.2487	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs7338139	6.61	6.32	-0.126	2.41	-23.91	0.21	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs876602	5.86	5.60	0.113	2.15	-16.04	0.41	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs6561611	3.34	3.20	-0.06	1.92	-1.91	0.4525	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs9535573	10.08	9.61	-0.19	3.62	15.43	0.2975	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs4942950	7.26	6.93	-0.138	1.62	45.49	0.23	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUCY1B2	BISWFphJfSdYQIRNF8	rs4942951	6.41	6.12	0.12	2.93	45.65	0.3131	7.14	0.063	7.096	7.111	7.119	7.141	7.683	
GUF1	N173QM3vUFHRYwrhbo	rs6831166	7.82	7.47	0.149	3.85	-49.51	0.2175	7.743	0.193	7.297	7.603	7.739	7.874	8.272	
GUF1	N173QM3vUFHRYwrhbo	rs1979662	7.24	6.92	-0.138	1.79	-29.92	0.2806	7.743	0.193	7.297	7.603	7.739	7.874	8.272	
GUF1	N173QM3vUFHRYwrhbo	rs12499960	8.03	7.67	-0.152	3.96	6.92	0.2325	7.743	0.193	7.297	7.603	7.739	7.874	8.272	
GYPE	fi4rrDS5d_v0lutcuk	rs4835305	61.17	58.22	-0.767	10.56	-47.22	0.2677	7.393	0.214	7.128	7.221	7.29	7.553	8.029	
GYPE	fi4rrDS5d_v0lutcuk	rs1822841	64.48	61.37	-0.785	10.17	15.92	0.2625	7.393	0.214	7.128	7.221	7.29	7.553	8.029	
GYPE	ERIQOowR08PrqY6du8	rs1822841	16.98	16.18	-0.323	4.65	15.92	0.2625	7.135	0.04	7.098	7.111	7.121	7.141	7.336	
GZMK	OqVfewK7fUZZLd6KO	rs7714681	3.56	3.41	0.069	3.05	-28.21	0.4275	11.128	0.565	9.274	10.794	11.136	11.492	12.681	
H2AFJ	ErSisRF3vKKQPPqSVY	rs11056145	3.69	3.53	0.073	3.69	-41.66	0.2575	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs11056146	3.69	3.53	0.073	1.92	-41.62	0.2575	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs4764121	3.69	3.53	-0.073	1.92	-35.49	0.2575	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs1362599	4.12	3.94	0.081	1.5	-25.2	0.39	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs10846059	5.58	5.33	-0.115	0.9	-7.43	0.1925	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs11837353	5.58	5.33	0.115	0.9	-7.41	0.1925	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs11614445	4.05	3.88	-0.083	0.46	17.83	0.1709	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H2AFJ	ErSisRF3vKKQPPqSVY	rs4763397	4.64	4.44	-0.094	0.53	47.06	0.1775	7.507	0.139	7.219	7.412	7.497	7.586	8.271	
H6PD	f4okile9X6uiK7qTil	rs9435168	3.68	3.52	-0.07	0.78	0.56	0.392	7.937	0.271	7.132	7.726	7.932	8.135	8.717	
HADHA	Kkjin_VKfdFGuxajPAU	rs7564397	3.65	3.49	-0.07	0.3	-20.77	0.2625	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HADHA	Kkjin_VKfdFGuxajPAU	rs4665830	4.3	4.12	-0.085	0.42	-14.29	0.315	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HADHA	Kkjin_VKfdFGuxajPAU	rs4665315	6.42	6.13	-0.132	0.74	2.53	0.22	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HADHA	Kkjin_VKfdFGuxajPAU	rs1122972	6.42	6.13	0.132	0.74	5.28	0.22	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HADHA	Kkjin_VKfdFGuxajPAU	rs962217	6.42	6.13	-0.132	0.74	24.77	0.22	9.158	0.307	8.287	8.979	9.148	9.361	10.34	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe		
			association	association					Explained	transcript (kb)	Standard	25th	Median		75th	Maximum
			p-value (-log10)	p-value (-log10), GC adj.				Deviation	Minimum	percentile	percentile	percentile	Maximum			
HADHA	Kkin_VKfdFGuxajPAU	rs10177371	3.66	3.50	0.071	0.24	-4.76	0.2925	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HADHA	Kkin_VKfdFGuxajPAU	rs11685458	3.66	3.50	-0.071	0.4	4.03	0.2925	9.158	0.307	8.287	8.979	9.148	9.361	10.34	
HAGH	NpZXkX0mj_qPKd.yse	rs2294618	3.38	3.24	-0.066	0.97	-44.71	0.1709	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs2745170	6.93	6.62	-0.139	2.43	-23.87	0.4175	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs8047464	8.56	8.17	0.173	2.59	-2.66	0.39	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs1028590	6.67	6.38	-0.134	2.2	-1.03	0.4125	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs13332303	7.29	6.96	-0.146	2.78	8.47	0.1575	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs12325218	4.28	4.09	-0.09	1.14	9.82	0.1375	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs12325282	4.28	4.09	-0.09	1.14	9.85	0.1375	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs9806945	4.07	3.89	0.086	1.05	17.8	0.1301	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs7200137	8.83	8.43	-0.178	2.3	24.05	0.3625	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs1657117	4.28	4.09	0.09	1.14	26.49	0.1375	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs1742429	4.28	4.09	-0.09	1.27	27.84	0.1375	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs10500323	8.01	7.65	-0.16	3.05	30.4	0.155	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs1657125	7.7	7.36	-0.155	3.46	38.86	0.1575	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGH	NpZXkX0mj_qPKd.yse	rs173164	4.94	4.73	0.104	1.59	48.12	0.135	10.524	0.272	9.987	10.345	10.488	10.676	11.833	
HAGHL	oKcK3qh5u_p4uJN3p8	rs12448432	4.18	4.00	-0.081	2.07	-0.9	0.215	7.461	0.218	7.149	7.315	7.405	7.546	8.326	
HAK	iUeu3DGc_Wiur3uG4	rs4940733	5.08	4.85	-0.098	1.43	49.71	0.3945	7.306	0.119	7.142	7.22	7.282	7.373	7.959	
HCG27	ikRuRUghZUGTn5ywRc	rs3130933	4.08	3.91	-0.075	0.92	-33.45	0.145	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3130931	5.07	4.85	-0.098	1.49	-30.65	0.28	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3130501	4.76	4.55	0.092	1.63	-29.08	0.235	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs879882	3.29	3.15	-0.062	1.12	-28.09	0.36	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3094188	4.88	4.67	-0.093	1.94	-23.29	0.37	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3094609	5.73	5.47	-0.111	1.55	0.03	0.165	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs9263870	3.67	3.52	0.066	0.91	-1.23	0.1025	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs2894181	4.1	3.92	0.075	2.6	2.78	0.5	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3869109	3.38	3.24	0.061	1.76	12.45	0.425	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs9263969	4.61	4.41	0.087	2.24	14.79	0.2375	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCG27	ikRuRUghZUGTn5ywRc	rs3130532	5.73	5.47	0.111	1.78	36.71	0.165	8.186	0.403	7.374	7.885	8.149	8.443	10.019	Yes
HCLS1	Qu9eHX1Q4EXd5RVcd4	rs1492178	3.42	3.28	-0.066	0.88	-6.75	0.2275	13.099	0.367	11.854	12.928	13.134	13.276	14.521	
HDDC2	HSgmtOAUU6OBHorpLk	rs3823219	4.14	3.96	-0.081	2.61	-26.63	0.475	11.747	0.233	10.458	11.619	11.759	11.895	12.317	
HDDC2	HSgmtOAUU6OBHorpLk	rs3799732	4.98	4.76	0.099	2.11	-21.99	0.37	11.747	0.233	10.458	11.619	11.759	11.895	12.317	
HDDC2	HSgmtOAUU6OBHorpLk	rs2318095	5.4	5.17	-0.108	2.25	-2.68	0.2663	11.747	0.233	10.458	11.619	11.759	11.895	12.317	
HDDC2	HSgmtOAUU6OBHorpLk	rs12523848	6.42	6.14	0.129	2.67	0.68	0.265	11.747	0.233	10.458	11.619	11.759	11.895	12.317	
HDGFRP3	6wJ6DSQSVzqAUhAk_E	rs4531702	5.35	5.12	-0.104	3.75	41.06	0.225	7.29	0.212	7.099	7.132	7.209	7.373	8.293	
HDHD3	QJ3oX9Vd1eaX_0XHUM	rs3747815	4.16	3.98	-0.082	1.06	-0.67	0.275	8.953	0.321	7.913	8.76	8.957	9.163	9.796	
HDHD3	QJ3oX9Vd1eaX_0XHUM	rs3747816	4.72	4.52	-0.094	0.91	-0.33	0.2125	8.953	0.321	7.913	8.76	8.957	9.163	9.796	
HDHD3	QJ3oX9Vd1eaX_0XHUM	rs16936474	6.66	6.36	0.133	2.51	1.49	0.145	8.953	0.321	7.913	8.76	8.957	9.163	9.796	
HEBP1	QeYyFIANekn.dSk3q0	rs3782567	3.8	3.64	-0.072	1.62	-7.61	0.4575	9.05	0.297	8.309	8.846	9.029	9.242	10.059	
HEBP1	QeYyFIANekn.dSk3q0	rs1291362	4.21	4.03	-0.08	1.66	1.69	0.3775	9.05	0.297	8.309	8.846	9.029	9.242	10.059	
HEBP1	QeYyFIANekn.dSk3q0	rs1291361	4.26	4.08	-0.081	1.77	1.94	0.38	9.05	0.297	8.309	8.846	9.029	9.242	10.059	
HEBP1	QeYyFIANekn.dSk3q0	rs1291357	4.26	4.08	-0.081	1.71	4.7	0.38	9.05	0.297	8.309	8.846	9.029	9.242	10.059	
HECTD2	KfnOFkxVBSSD31Kuig	rs6583769	4.1	3.93	0.079	2	-24.66	0.0775	7.132	0.023	7.103	7.119	7.128	7.139	7.28	
HECTD2	KfnOFkxVBSSD31Kuig	rs6583776	4.69	4.49	0.09	1.85	49.14	0.065	7.132	0.023	7.103	7.119	7.128	7.139	7.28	
HECTD2	KfnOFkxVBSSD31Kuig	rs7478184	4.69	4.49	-0.09	1.85	-4.55	0.065	7.132	0.023	7.103	7.119	7.128	7.139	7.28	
HECTD2	KfnOFkxVBSSD31Kuig	rs11186596	4.69	4.49	-0.09	1.85	-0.73	0.065	7.132	0.023	7.103	7.119	7.128	7.139	7.28	
HECW1	fX0VMsNdeqSATBFUCk	rs10261813	3.62	3.46	-0.069	1.7	81.67	0.305	7.133	0.02	7.102	7.117	7.131	7.145	7.206	
HECW2	6eoV0IoMUfO8R15HAo	rs6738407	6.51	6.22	-0.115	5.98	79.65	0.2	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs4850694	7.73	7.39	0.136	6	85.52	0.275	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs4850695	9.9	9.45	0.176	6.99	89.28	0.2312	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs16849064	9.62	9.18	0.171	6.33	89.9	0.215	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs1531115	10.49	10.01	-0.185	7.16	91.71	0.2275	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs13394918	3.61	3.46	0.061	2.12	100.97	0.2424	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs2124384	3.84	3.67	-0.065	4.87	105.21	0.21	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs2305567	4.17	3.99	0.071	5.86	108.84	0.24	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs6713102	3.69	3.53	-0.062	3.47	110.41	0.28	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs7558876	4.67	4.46	0.081	5.85	111.97	0.2325	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs6725009	5.85	5.60	0.103	6.17	126.84	0.23	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs6751602	5.1	4.88	0.089	3.84	154.89	0.195	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs16850209	5.1	4.88	0.089	3.84	156.04	0.195	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs3849360	5.19	4.96	-0.091	5.53	160.43	0.2425	7.155	0.075	7.1	7.116	7.133	7.164	7.812	
HECW2	6eoV0IoMUfO8R15HAo	rs1113321	5.54	5.30	0.097	5.58	169.72	0.2375	7.155	0.075	7.1	7.116	7.133	7.164	7.812	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
HECW2	6eoV0IoMUfO8R15HAo	rs6749624	4.04	3.87	-0.07	2.42	172.24	0.11	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs13427710	3.84	3.68	0.067	0.87	190.96	0.12	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs13428141	3.84	3.68	-0.067	0.87	191.18	0.12	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs6735220	3.77	3.61	-0.065	1.76	191.51	0.1675	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs7587067	4.59	4.39	0.079	2.87	195.27	0.2975	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs1406218	3.41	3.27	0.057	2.66	-161.58	0.3116	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs17244073	3.95	3.78	0.069	1.11	-106.18	0.1025	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HECW2	6eoV0IoMUfO8R15HAo	rs6719725	3.54	3.39	-0.061	1.93	-42.43	0.1625	7.155	0.075	7.1	7.116	7.133	7.164	7.812
HERC2	fW46g4S4grWxUzUgR4	rs8039195	4.01	3.84	-0.073	1.05	-51.21	0.105	8.525	0.344	7.84	8.267	8.485	8.753	9.57
HERC4	NINS1EornizdUv1TE	rs2894058	3.41	3.27	-0.062	1.5	36.31	0.2725	9.926	0.294	8.634	9.827	9.97	10.088	10.499
HES6	QnkeVInuOd7E37_yRE	rs7584376	5	4.78	0.102	2.48	-12.85	0.305	7.576	0.209	7.144	7.432	7.562	7.73	8.1
HES6	QnkeVInuOd7E37_yRE	rs7572392	5.02	4.80	0.104	2.45	-12.77	0.303	7.576	0.209	7.144	7.432	7.562	7.73	8.1
HES6	QnkeVInuOd7E37_yRE	rs3795902	4.86	4.65	0.099	2.43	-10.77	0.3025	7.576	0.209	7.144	7.432	7.562	7.73	8.1
HES6	QnkeVInuOd7E37_yRE	rs11694250	5.21	4.98	-0.106	3.07	-8.65	0.31	7.576	0.209	7.144	7.432	7.562	7.73	8.1
HIBCH	Esk6vpDcSTupQNSXnk	rs4853684	5.51	5.27	-0.11	2.78	-6.41	0.205	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs6753459	5.79	5.53	-0.115	3.15	-4.61	0.23	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs11692448	5.9	5.64	0.119	3.03	42.88	0.2085	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs2582762	6.59	6.29	0.133	2.86	-55.72	0.2298	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs2664253	8.05	7.69	-0.161	3.49	-36	0.39	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs1058180	6.51	6.22	-0.13	2.91	-22.94	0.2325	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs291458	7.97	7.61	0.159	3.28	-3.08	0.3825	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs291460	7.97	7.61	-0.159	3.28	-2.97	0.3825	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs291429	8.24	7.87	-0.165	3.57	13.38	0.3875	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs2067417	4.33	4.15	-0.083	1.9	42.33	0.2925	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs2067418	6.67	6.38	0.134	2.94	42.37	0.23	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIBCH	Esk6vpDcSTupQNSXnk	rs10931450	6.57	6.28	0.131	2.74	46.94	0.24	9.308	0.202	8.581	9.187	9.323	9.444	9.839
HIGD2A	uKV07Z6oolHx_7B7BY	rs1065212	7.71	7.36	0.153	1.91	-4.65	0.0725	12.388	0.255	11.278	12.248	12.415	12.584	13.2
HIGD2A	uKV07Z6oolHx_7B7BY	rs1065206	4.04	3.86	-0.078	1.38	-4.55	0.055	12.388	0.255	11.278	12.248	12.415	12.584	13.2
IIST1H2BD	i7o1RUDUHTXr_eRHr0	rs806973	3.95	3.78	-0.078	0.99	-10.02	0.3838	8.012	0.387	7.208	7.732	7.963	8.177	9.903
IIST1H2BD	i7o1RUDUHTXr_eRHr0	rs1009181	3.7	3.54	0.071	0.85	0.64	0.3675	8.012	0.387	7.208	7.732	7.963	8.177	9.903
HKDC1	Z4LNSVSRkiK_PIKIR4	rs5030938	3.56	3.46	-0.068	1.6	-4.14	0.3375	8.798	0.401	7.567	8.576	8.815	9.015	10.014
HKDC1	Z4LNSVSRkiK_PIKIR4	rs953724	3.51	3.31	-0.064	1.39	1.16	0.36	8.798	0.401	7.567	8.576	8.815	9.015	10.014
HKDC1	Z4LNSVSRkiK_PIKIR4	rs9645499	4.68	4.47	0.089	1.36	6.55	0.46	8.798	0.401	7.567	8.576	8.815	9.015	10.014
HKDC1	Z4LNSVSRkiK_PIKIR4	rs1983127	3.57	3.42	0.068	1.09	9.84	0.375	8.798	0.401	7.567	8.576	8.815	9.015	10.014
HLA-DOB	Qd31eNfoolYHj3one4	rs2857210	8.35	7.98	-0.167	3.75	-38.81	0.3191	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs9276615	7.2	6.87	-0.142	3.54	-37.33	0.3175	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs13195441	4.4	4.21	0.082	2.24	-37.25	0.28	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2857204	5.58	5.33	-0.105	4.59	-36.2	0.3425	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs719654	4.24	4.05	0.08	2.11	-28.41	0.205	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2621377	3.94	3.77	-0.075	1.16	-17.44	0.4175	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2857151	5.71	5.45	-0.111	3.44	-17.04	0.3518	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2621373	5	4.78	0.095	4.61	-15.42	0.29	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2219893	5.24	5.01	0.1	4.45	-10.89	0.2985	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2621332	5.71	5.46	0.11	3.57	-0.23	0.3525	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2856997	5.11	4.89	0.096	3.63	1.23	0.392	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2071474	5.11	4.89	-0.097	4.49	2.03	0.2675	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2071473	4.52	4.32	-0.085	4.7	2.06	0.3375	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2071472	5.11	4.89	-0.097	4.49	-0.16	0.2675	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2071469	5.26	5.03	-0.099	3.12	0	0.3425	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs1894406	4.66	4.46	-0.088	2.94	2.27	0.3125	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2857106	3.59	3.42	0.067	1.77	2.79	0.1641	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241453	4.6	4.40	0.087	4.4	11.44	0.225	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241452	4.51	4.31	0.085	4.55	11.56	0.2236	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241448	4.59	4.39	-0.087	4.48	11.9	0.2261	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241447	4.64	4.43	0.088	4.85	11.97	0.2236	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241440	4.28	4.09	-0.081	3.88	12.58	0.225	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241437	5.55	5.31	-0.106	3.02	12.9	0.315	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs241436	3.78	3.62	-0.07	3.66	13.09	0.46	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-DOB	Qd31eNfoolYHj3one4	rs2071481	3.81	3.65	-0.069	1.79	35.08	0.1175	7.987	0.494	7.197	7.614	7.904	8.221	9.681
HLA-E	IBLUXe7cU4VX10R4Xs	rs2516649	4.65	4.44	0.092	1.07	35.78	0.3492	13.77	0.333	12.902	13.554	13.773	13.99	14.474
HLCS	cMSTRzV_V6LeoECloK	rs7280984	3.71	3.56	-0.074	3.27	108.68	0.19	7.675	0.216	7.167	7.505	7.667	7.817	8.451
HLCS	cMSTRzV_V6LeoECloK	rs2835511	3.71	3.56	-0.074	3.5	116.31	0.19	7.675	0.216	7.167	7.505	7.667	7.817	8.451

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
HLCS	cMSTrZV_V6LeoECloK	rs1571702	3.59	3.44	0.064	3.72	-25.31	0.35	7.675	0.216	7.167	7.505	7.667	7.817	8.451	
HMBOX1	NqizUSLQKBHINVF0m4	rs10096475	4.89	4.68	0.093	2.31	-49.64	0.105	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs10503833	3.54	3.39	0.064	0.76	-28.94	0.0875	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs11782284	3.33	3.19	0.061	1.94	-1.9	0.4375	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs4732890	8.21	7.84	0.159	3.49	3.16	0.2775	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs1022116	5.02	4.80	0.096	1.7	23.92	0.1075	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs10503835	3.29	3.15	-0.06	1.74	74.87	0.1683	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs7837237	6.98	6.67	0.135	2.32	-33.21	0.285	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs8180944	8.52	8.13	-0.165	3.52	-5.35	0.2775	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs936921	4.63	4.43	0.088	1.61	3.48	0.0925	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBOX1	NqizUSLQKBHINVF0m4	rs17526904	7.15	6.83	-0.135	2.02	38.41	0.09	8.356	0.482	7.252	8.061	8.254	8.624	10.154	
HMBS	Noh4Hkq9CX1Kj_XRfo	rs568922	3.45	3.30	-0.066	2.92	-39.49	0.16	9.076	0.371	8.012	8.837	9.055	9.291	10.24	
HMBS	Noh4Hkq9CX1Kj_XRfo	rs620331	3.99	3.82	-0.078	3.08	-27.6	0.15	9.076	0.371	8.012	8.837	9.055	9.291	10.24	
HMBS	Noh4Hkq9CX1Kj_XRfo	rs582688	3.45	3.30	0.066	2.92	-26.38	0.16	9.076	0.371	8.012	8.837	9.055	9.291	10.24	
HMBS	Noh4Hkq9CX1Kj_XRfo	rs4614	4.49	4.30	0.087	4.41	-6.33	0.4425	9.076	0.371	8.012	8.837	9.055	9.291	10.24	
HMHb1	rh2CViv_u6OJKhA_el	rs3792815	3.58	3.43	-0.064	1.05	0.48	0.1275	7.227	0.147	7.101	7.168	7.205	7.246	8.461	Yes
HOMER2	9iOgBCfeurk.3pWi_U	rs2667377	3.34	3.20	0.064	1.28	11.39	0.495	7.265	0.178	7.118	7.169	7.208	7.282	8.534	Yes
HOMER2	9iOgBCfeurk.3pWi_U	rs1256439	3.47	3.33	-0.067	1.47	21.18	0.4925	7.265	0.178	7.118	7.169	7.208	7.282	8.534	Yes
HOMER2	9iOgBCfeurk.3pWi_U	rs2667385	3.39	3.25	-0.067	1.37	33.58	0.4425	7.265	0.178	7.118	7.169	7.208	7.282	8.534	Yes
HOMER2	9iOgBCfeurk.3pWi_U	rs2621228	3.73	3.57	0.075	0.95	36.17	0.44	7.265	0.178	7.118	7.169	7.208	7.282	8.534	Yes
HOMER2	9iOgBCfeurk.3pWi_U	rs2251275	4.12	3.95	-0.081	1.56	36.79	0.465	7.265	0.178	7.118	7.169	7.208	7.282	8.534	Yes
HOPX	HgI78IISAdQekACQk	rs6824757	4.41	4.22	0.091	1.28	13.28	0.0888	8.524	0.76	7.163	7.987	8.379	8.883	11.165	
HOPX	rVSqK1V.aigv.CqP3Q	rs6824757	3.52	3.37	0.068	0.88	4.79	0.0888	7.386	0.172	7.137	7.282	7.353	7.441	8.197	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs4793854	15.93	15.18	0.302	6.07	-47.88	0.235	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs2325948	20.06	19.12	0.374	7.17	-45.53	0.4775	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs4793870	29.16	27.78	-0.504	8.57	-38.83	0.3625	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs10853100	21.3	20.30	-0.387	7.64	-17.59	0.485	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs11079828	23.05	21.96	-0.41	8.53	-10.91	0.49	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs9905940	18.41	17.55	0.339	6.8	-5.92	0.235	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs6504340	18.41	17.55	0.339	6.8	-3	0.235	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs1042815	29.97	28.54	-0.508	9.08	0.27	0.3819	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs2229302	18.01	17.17	0.332	6.32	0.38	0.195	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs999493	5.26	5.03	-0.102	1.42	3.13	0.405	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs890432	10.57	10.09	-0.21	4.53	6.84	0.3266	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs2555111	8.81	8.41	0.174	2.97	26.51	0.4875	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs2288278	12.96	12.36	-0.251	7.34	38.9	0.3575	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs9299	5.32	5.09	0.104	4.61	47.04	0.385	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB2	ZpbcegA2Jd1RXS2Tlc	rs1529334	7.18	6.86	0.141	3.75	49.4	0.1925	9.467	0.574	8.012	9.056	9.522	9.871	10.817	
HOXB3	It9RV_9TeXIBU2gKDU	rs4793870	3.34	3.20	-0.061	3.77	-46.06	0.3625	7.186	0.061	7.112	7.145	7.171	7.207	7.616	
HOXB3	It9RV_9TeXIBU2gKDU	rs10853100	6.69	6.40	-0.126	4.22	-24.82	0.485	7.186	0.061	7.112	7.145	7.171	7.207	7.616	
HOXB3	It9RV_9TeXIBU2gKDU	rs11079828	5.03	4.81	-0.093	3.91	-18.14	0.49	7.186	0.061	7.112	7.145	7.171	7.207	7.616	
HOXB3	It9RV_9TeXIBU2gKDU	rs2288278	5.11	4.88	-0.094	2.75	9.48	0.3575	7.186	0.061	7.112	7.145	7.171	7.207	7.616	
HOXB4	Q9394T1AFKVXF3qnk	rs11079828	7.68	7.34	-0.153	5	-43.77	0.49	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs9905940	7.93	7.57	0.157	3.96	-38.77	0.235	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs6504340	7.93	7.57	0.157	3.96	-35.86	0.235	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs1042815	8.81	8.41	-0.176	4.09	-32.59	0.3819	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs2229302	7.03	6.72	0.139	2.67	-32.47	0.195	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs890432	5.02	4.80	-0.1	3.58	-23.64	0.3266	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs2555111	3.32	3.18	0.063	2.39	-3.98	0.4875	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs2288278	4.68	4.47	-0.092	3.72	5.55	0.3575	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HOXB4	Q9394T1AFKVXF3qnk	rs1529334	3.86	3.70	0.074	1.73	16.05	0.1925	7.471	0.185	7.121	7.348	7.463	7.567	8.196	
HPCAL1	xSb3SnJXV54AiBbuoc	rs3771138	6.27	5.99	-0.124	2.01	-23.1	0.275	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs3755264	6.27	5.99	-0.124	2.01	-21.51	0.275	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs876614	7.07	6.75	-0.141	2.22	-19.17	0.3025	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs6432096	4.15	3.97	-0.08	0.84	-6.36	0.46	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs1974676	3.58	3.42	-0.067	1.08	-3.83	0.4725	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs3755259	3.49	3.34	-0.066	0.1	-1.71	0.27	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL1	xSb3SnJXV54AiBbuoc	rs1465323	3.41	3.27	-0.065	0.53	0.15	0.3475	7.193	0.085	7.098	7.133	7.161	7.229	7.567	Yes
HPCAL4	6V6uKf4nh.ljR7qtCA	rs1148945	6.84	6.53	-0.135	0.53	-48.59	0.345	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs1180280	7.51	7.17	-0.149	0.67	-38.55	0.2375	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs3887860	6.81	6.50	-0.133	0.58	-32.26	0.175	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs784600	16.15	15.40	0.307	3.94	-5.09	0.4575	9.07	0.467	7.772	8.77	9.09	9.423	10.078	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs6703320	8.16	7.79	-0.158	0.72	0.65	0.495	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs564249	8.68	8.29	0.17	1.37	-1.47	0.3375	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPCAL4	6V6uKf4nh.ljR7qtCA	rs546422	6.94	6.63	0.134	1.44	1.74	0.1325	9.07	0.467	7.772	8.77	9.09	9.423	10.078	
HPS1	0eKLH0RSdfVemNlnSs	rs4917833	3.68	3.52	-0.072	1.7	11.1	0.45	7.661	0.275	7.119	7.456	7.65	7.847	8.354	
HPS1	0eKLH0RSdfVemNlnSs	rs1060445	4.33	4.14	-0.084	1.37	12.06	0.4975	7.661	0.275	7.119	7.456	7.65	7.847	8.354	
HPS1	0eKLH0RSdfVemNlnSs	rs11189618	4.33	4.14	0.084	1.37	12.81	0.4975	7.661	0.275	7.119	7.456	7.65	7.847	8.354	
HPS1	0eKLH0RSdfVemNlnSs	rs11189619	4.33	4.14	-0.084	1.37	13.31	0.4975	7.661	0.275	7.119	7.456	7.65	7.847	8.354	
HPS5	fpMsXilK1KWQ4ju.s	rs11024605	4.39	4.20	0.084	2.13	11.48	0.1075	8.557	0.183	7.878	8.444	8.57	8.662	9.074	
HPS5	fpMsXilK1KWQ4ju.s	rs7128017	4.39	4.20	-0.084	2.13	18.96	0.1075	8.557	0.183	7.878	8.444	8.57	8.662	9.074	
HRASLS3	9k.JvkoOp_kiOJfPotM	rs11231528	4.92	4.71	-0.093	3.47	-15.51	0.304	8.547	0.442	7.74	8.224	8.482	8.786	10.462	
HRASLS3	9k.JvkoOp_kiOJfPotM	rs2030731	5	4.78	0.094	3.3	-8.25	0.305	8.547	0.442	7.74	8.224	8.482	8.786	10.462	
HRASLS3	9k.JvkoOp_kiOJfPotM	rs10750999	3.82	3.66	0.071	1.39	17.25	0.3225	8.547	0.442	7.74	8.224	8.482	8.786	10.462	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs4820297	5.89	5.63	0.118	1.25	-36.27	0.385	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs4820303	6.18	5.90	0.122	2	-8.08	0.3025	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs5756813	6.13	5.86	0.12	1.4	19.52	0.3675	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs4821714	5.55	5.31	0.107	1.37	36.49	0.38	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs2413485	5.55	5.31	0.107	1.37	37.96	0.38	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
RIHFB2122	TEqixUsldlg5FtZcoQ	rs2285177	5.55	5.31	0.109	1.71	49.93	0.305	8.031	0.211	7.444	7.892	8.031	8.15	8.959	
HSD17B12	QsUeAV4VIAun5_hfSc	rs2862996	13.5	12.87	0.255	3.21	-48.47	0.3065	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs2862961	13.4	12.78	-0.255	3.25	-45.77	0.31	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs11037537	3.4	3.26	-0.064	2.05	-30.57	0.24	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs4755731	5.98	5.71	0.114	1.98	-17.14	0.4075	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs4620711	6.39	6.11	0.124	2.62	11.54	0.3894	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs7932905	8.37	7.99	0.164	2.28	25.27	0.4641	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs11037575	6.27	6.00	-0.121	2.6	26.02	0.3925	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs6485451	9.4	8.98	0.184	2.67	41	0.46	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs6485453	4.65	4.44	-0.09	1.77	46.37	0.4543	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs7110437	22.68	21.61	-0.398	5.83	78.25	0.275	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs4755737	5.14	4.92	-0.102	2.35	-86.3	0.465	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs7118659	23.36	22.26	0.41	6.03	-61.04	0.285	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs2037296	3.95	3.79	-0.075	0.88	-42.1	0.2525	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs7131110	22.16	21.12	-0.392	5.77	-31.32	0.28	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs1518821	21.96	20.92	0.391	5.65	-6.17	0.2814	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs1518820	4	3.82	0.075	2.16	-4.63	0.065	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs11555762	22.16	21.11	-0.394	5.73	-1.47	0.2814	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B12	QsUeAV4VIAun5_hfSc	rs11037685	5.31	5.08	-0.103	0.95	1.37	0.33	9.591	0.338	7.717	9.406	9.606	9.823	10.246	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs11935592	3.39	3.25	-0.066	3.79	-47.9	0.19	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs7694379	4.07	3.89	-0.085	1.55	-38.43	0.415	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs4693811	4.22	4.04	0.084	1.1	-24.85	0.4293	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs10022237	3.54	3.39	0.072	1.93	3.29	0.4625	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs13130041	6.57	6.28	0.134	3.22	4.2	0.24	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSD17B13	KX.Jd9f.TyVAGuQdz3o	rs10433937	6.45	6.16	-0.131	3.57	5.16	0.2425	7.122	0.019	7.097	7.109	7.117	7.129	7.218	
HSPA1L	6ogot05FzRHV0TXv0	rs12210887	4.56	4.36	-0.092	1.25	32.92	0.0609	9.875	0.305	8.946	9.704	9.924	10.089	10.564	Yes
HSPA4	NV3_4qeiTpGk6PBGkg	rs4574536	3.63	3.47	0.068	3.25	-2.97	0.2175	7.637	0.195	7.137	7.502	7.635	7.776	8.174	
HSPA4	NV3_4qeiTpGk6PBGkg	rs4705990	3.97	3.80	-0.074	3.59	15.77	0.2425	7.637	0.195	7.137	7.502	7.635	7.776	8.174	
HSPBAP1	HiULP1JKCw7fXsXQUo	rs11719086	5.4	5.16	0.112	1.3	-40.1	0.21	9.019	0.359	7.204	8.799	9.048	9.277	10.456	
HSPBAP1	HiULP1JKCw7fXsXQUo	rs13062151	5.15	4.93	0.106	1.22	-34.23	0.2075	9.019	0.359	7.204	8.799	9.048	9.277	10.456	
HSPBAP1	HiULP1JKCw7fXsXQUo	rs3115	7.52	7.18	0.154	1.83	0.04	0.13	9.019	0.359	7.204	8.799	9.048	9.277	10.456	
HTR2B	KXIOxSLUOKdYL0FFPS0	rs12694886	4.03	3.86	-0.077	0.72	-49.4	0.3025	7.159	0.108	7.104	7.117	7.128	7.145	7.865	
HTR2B	KXIOxSLUOKdYL0FFPS0	rs1472959	3.61	3.46	0.068	0.9	-32	0.3575	7.159	0.108	7.104	7.117	7.128	7.145	7.865	
HTR2B	KXIOxSLUOKdYL0FFPS0	rs6436999	4.2	4.02	-0.081	1.16	-30.46	0.2739	7.159	0.108	7.104	7.117	7.128	7.145	7.865	
HTR2B	KXIOxSLUOKdYL0FFPS0	rs10194776	3.73	3.57	0.072	0.52	7.06	0.3367	7.159	0.108	7.104	7.117	7.128	7.145	7.865	
HTR2B	KXIOxSLUOKdYL0FFPS0	rs2032953	4.14	3.96	0.079	0.63	45.97	0.2975	7.159	0.108	7.104	7.117	7.128	7.145	7.865	
HYAL3	3pCgkvUqItK9ScvKnk	rs13100173	6.81	6.50	0.133	2.14	2.44	0.4525	7.511	0.16	7.156	7.403	7.505	7.606	8.395	
HYAL3	3pCgkvUqItK9ScvKnk	rs2236947	6.81	6.50	0.133	2.18	34.53	0.4525	7.511	0.16	7.156	7.403	7.505	7.606	8.395	
ICMT	QXaXd7TnqC5cd3qUec	rs1064721	4.9	4.69	-0.096	1.94	0.12	0.0575	8.657	0.22	8.119	8.517	8.68	8.8	9.8	
ICMT	QXaXd7TnqC5cd3qUec	rs1802353	3.37	3.23	-0.063	1.56	3.43	0.08	8.657	0.22	8.119	8.517	8.68	8.8	9.8	
ICOSLg	i4JvdlJXl7RtpP7fW	rs3788111	6.73	6.43	0.133	3.69	7.34	0.195	7.297	0.09	7.117	7.231	7.292	7.352	7.612	
IDH3B	TqipCjqluidfv1c	rs2422821	3.63	3.48	-0.068	0.42	-8.73	0.3775	7.201	0.068	7.11	7.149	7.185	7.241	7.595	
IFIT1	N4OCV6LHOJqV4h6eeE	rs304505	4	3.83	-0.076	1.61	-13.8	0.1875	9.044	0.509	7.953	8.744	8.988	9.22	12.424	
IFIT1	N4OCV6LHOJqV4h6eeE	rs304500	3.9	3.73	0.075	1.73	-2.82	0.19	9.044	0.509	7.953	8.744	8.988	9.22	12.424	
IFIT1	N4OCV6LHOJqV4h6eeE	rs304411	4.13	3.95	-0.079	1.24	23.27	0.185	9.044	0.509	7.953	8.744	8.988	9.22	12.424	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
										Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
IFIT5	NqI4j95H8BCddcrj	rs304505	5.82	5.56	-0.117	3.09	-35.86	0.1875	8.041	0.21	7.181	7.912	8.034	8.174	8.982	
IFIT5	NqI4j95H8BCddcrj	rs304493	6.07	5.81	-0.123	3.74	-31.85	0.2075	8.041	0.21	7.181	7.912	8.034	8.174	8.982	
IFIT5	NqI4j95H8BCddcrj	rs304500	6.16	5.89	0.125	3.11	-24.88	0.19	8.041	0.21	7.181	7.912	8.034	8.174	8.982	
IFIT5	NqI4j95H8BCddcrj	rs303212	8.82	8.42	0.179	4.86	-13.08	0.23	8.041	0.21	7.181	7.912	8.034	8.174	8.982	
IFIT5	NqI4j95H8BCddcrj	rs304411	7.77	7.42	-0.158	3.28	6.13	0.185	8.041	0.21	7.181	7.912	8.034	8.174	8.982	
IFITM3	ijfUpc6MjSik0eKUok	rs10398	3.47	3.32	0.071	1.63	-11.49	0.1911	9.434	1.15	7.384	8.591	9.252	10.205	13.222	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs2453836	5.2	4.98	0.096	3.11	4.92	0.1875	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs2471552	5.97	5.70	0.112	2.29	16.3	0.1975	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs2965073	5.14	4.92	0.096	2.38	20.25	0.185	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs1534151	6.16	5.89	0.113	2.5	23.77	0.3325	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs1534150	6.16	5.89	-0.114	2.49	24.42	0.3342	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGFBP3	rjEHulOHigKJ0ZUIHo	rs788718	4.66	4.46	-0.085	2.2	45.67	0.195	7.789	0.303	7.133	7.555	7.777	7.964	8.768	
IGHMBP2	o4t6qkXf3pe5F3d6fM	rs604524	4.99	4.77	-0.1	1.23	-41.44	0.29	7.749	0.283	7.218	7.556	7.701	7.896	8.677	
IGHMBP2	o4t6qkXf3pe5F3d6fM	rs629426	4.92	4.70	0.099	1.34	-0.27	0.2875	7.749	0.283	7.218	7.556	7.701	7.896	8.677	
IGHMBP2	o4t6qkXf3pe5F3d6fM	rs10896379	3.3	3.16	0.061	0.45	9.21	0.1725	7.749	0.283	7.218	7.556	7.701	7.896	8.677	
IGHMBP2	o4t6qkXf3pe5F3d6fM	rs622082	5.09	4.87	0.103	1.57	-4.1	0.2854	7.749	0.283	7.218	7.556	7.701	7.896	8.677	
IGHMBP2	o4t6qkXf3pe5F3d6fM	rs10896384	5.14	4.91	-0.102	1.63	11.95	0.2925	7.749	0.283	7.218	7.556	7.701	7.896	8.677	
IGL1	QVH56VaQ.Q1CTB0uGQ	rs131429	3.3	3.16	-0.065	1	3.28	0.345	7.199	0.063	7.111	7.158	7.188	7.225	7.602	
IKBKAP	ipEJj0bKN5V7hQBF1Q	rs874863	3.4	3.26	0.064	3.01	32.18	0.1475	7.368	0.103	7.136	7.298	7.356	7.421	7.719	
IL12RB1	Ktfoo6ISuQpQjuNvik	rs2305740	3.32	3.18	-0.065	1.14	9.87	0.215	7.208	0.06	7.096	7.164	7.203	7.24	7.438	
IL12RB1	Ktfoo6ISuQpQjuNvik	rs375947	4.48	4.29	-0.09	2.38	10.08	0.31	7.208	0.06	7.096	7.164	7.203	7.24	7.438	
IL12RB1	Ktfoo6ISuQpQjuNvik	rs429774	4.44	4.24	0.089	2.47	-10.95	0.31	7.208	0.06	7.096	7.164	7.203	7.24	7.438	
IL12RB1	Ktfoo6ISuQpQjuNvik	rs2305743	3.38	3.24	0.066	1.05	-4.51	0.2175	7.208	0.06	7.096	7.164	7.203	7.24	7.438	
IL16	0IQqAgCgp33VSL1U5I	rs7171517	5.21	4.98	-0.094	2.49	-21.62	0.1075	9.757	0.329	8.607	9.546	9.758	9.954	10.504	Yes
IL16	0IQqAgCgp33VSL1U5I	rs3848180	7.62	7.28	-0.144	3.5	-8.51	0.3939	9.757	0.329	8.607	9.546	9.758	9.954	10.504	Yes
IL16	0IQqAgCgp33VSL1U5I	rs859	9.92	9.47	0.183	4.19	-3.78	0.2375	9.757	0.329	8.607	9.546	9.758	9.954	10.504	Yes
IL16	0IQqAgCgp33VSL1U5I	rs1131445	4.84	4.63	-0.088	2.99	-3.32	0.31	9.757	0.329	8.607	9.546	9.758	9.954	10.504	Yes
IL16	0IQqAgCgp33VSL1U5I	rs6495560	4.37	4.18	0.079	2.71	2.4	0.3525	9.757	0.329	8.607	9.546	9.758	9.954	10.504	Yes
IL18R1	6h7gFlL2gp68gTuokE	rs1420101	3.3	3.16	0.064	0.13	-21.38	0.3825	8.995	0.399	7.778	8.736	9.02	9.235	10.065	
IL18R1	6h7gFlL2gp68gTuokE	rs12998521	4.08	3.91	0.081	0.01	-4.68	0.39	8.995	0.399	7.778	8.736	9.02	9.235	10.065	
IL1B	odF3XHR8CVI4SAUaUQ	rs4849123	3.44	3.30	-0.063	1.29	-18.3	0.2875	7.816	0.692	7.131	7.314	7.553	8.107	11.26	
IL1RN	0nBUwHnqANN_gp3gU	rs17669228	3.3	3.16	0.063	0.98	-27.76	0.2125	7.192	0.042	7.116	7.163	7.186	7.219	7.335	
IL21R	HnqVXFVQ9DXIDA17c	rs3093390	3.69	3.53	0.07	1.28	1.33	0.2275	8.659	0.274	8.071	8.473	8.64	8.841	9.54	
IL21R	HnqVXFVQ9DXIDA17c	rs232057	3.59	3.44	0.068	1.51	26.08	0.145	8.659	0.274	8.071	8.473	8.64	8.841	9.54	
IL23R	Ze51xTRTsIPVqJ1OX8	rs7517847	3.46	3.31	0.066	1.35	-43.99	0.465	7.177	0.067	7.106	7.134	7.158	7.193	7.531	
IL28RA	3sW093ekUliefborB8	rs7552167	4.33	4.14	-0.083	1.81	4.89	0.1425	7.268	0.101	7.128	7.201	7.241	7.31	7.709	
IL32	99UqQp43vls8tb.REK	rs1004792	4.36	4.17	0.089	1.5	-21.4	0.245	10.368	0.368	9.056	10.137	10.393	10.62	11.279	
IL32	99UqQp43vls8tb.REK	rs1554999	8.19	7.82	0.167	3.49	-0.04	0.3744	10.368	0.368	9.056	10.137	10.393	10.62	11.279	
IL32	99UqQp43vls8tb.REK	rs12917910	3.82	3.66	-0.075	3.18	5.54	0.435	10.368	0.368	9.056	10.137	10.393	10.62	11.279	
IL32	99UqQp43vls8tb.REK	rs4786377	5.61	5.36	-0.111	1.61	5.76	0.0553	10.368	0.368	9.056	10.137	10.393	10.62	11.279	
IL34	KEkdJ9eX1MntOI0Xo	rs1456954	3.83	3.67	0.071	0.28	-41.38	0.0575	7.115	0.013	7.096	7.107	7.112	7.12	7.198	
IMMP2L	fioOHk4NxeL56T6iil	rs38744	14.24	13.57	0.281	6.34	-153.77	0.4725	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs38752	6.13	5.86	-0.121	3.12	-123.44	0.33	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs12671676	6.58	6.29	-0.133	3.27	-89.49	0.245	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs2529489	6.11	5.84	-0.12	3.15	-42.45	0.3375	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs4730488	13.67	13.03	0.277	6.51	-36.18	0.4643	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs2613585	4.28	4.10	0.084	1.97	-15.65	0.1131	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs2396393	3.59	3.44	0.069	1.75	-11.15	0.1136	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs12705779	4.57	4.38	0.09	2.07	-2.58	0.1432	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs17158652	3.65	3.49	-0.069	1.6	25.83	0.0875	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs2528691	13.78	13.14	-0.27	6.75	26.1	0.46	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs11979526	3.84	3.67	0.073	1.36	37.97	0.085	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMMP2L	fioOHk4NxeL56T6iil	rs2613611	6.09	5.82	0.12	2.51	44.6	0.1475	8.12	0.219	7.538	7.974	8.117	8.263	8.792	
IMPA1	rvSXzV_kbASHHIFPso	rs1967328	3.36	3.22	-0.064	0.87	13.57	0.3392	8.956	0.56	7.177	8.539	8.952	9.347	10.092	
IMPA2	6fyB54wJo290pXVVos	rs619671	3.65	3.50	-0.069	0.34	-20.27	0.2186	8.905	0.632	7.789	8.403	8.767	9.27	10.788	
IMPA2	6fyB54wJo290pXVVos	rs662383	3.5	3.35	0.064	0.87	1.62	0.2575	8.905	0.632	7.789	8.403	8.767	9.27	10.788	
INADL	6UX69IR54EU1IIRliok	rs12408292	3.33	3.19	-0.064	1.25	4.67	0.38	7.451	0.193	7.143	7.312	7.401	7.539	8.142	
ING1	o0hXq0oDx5UftC9JUJ	rs4771705	3.42	3.28	0.069	1.61	-43.87	0.375	9.704	0.376	8.626	9.479	9.722	9.981	10.373	
ING1	o0hXq0oDx5UftC9JUJ	rs2119480	3.42	3.28	0.069	1.62	-21.74	0.3775	9.704	0.376	8.626	9.479	9.722	9.981	10.373	
INPP5E	fW.n38HUIlmg4Ty6Bak	rs10781511	10.91	10.41	0.216	5.03	-42.3	0.235	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIlmg4Ty6Bak	rs11145835	4.62	4.42	-0.089	1.98	-38.62	0.13	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIlmg4Ty6Bak	rs4266763	18.36	17.50	-0.338	7.86	-33.25	0.405	8.881	0.529	7.523	8.506	8.872	9.258	10.5	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
INPP5E	fW.n38HUIimg4Ty6Bak	rs3812577	3.98	3.81	-0.076	2.14	-23.43	0.1275	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs10870144	5.68	5.43	-0.111	2.28	-16.6	0.1725	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs1130635	11.3	10.78	0.222	5.14	-5.2	0.2725	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs1128877	6.02	5.75	-0.121	2.28	0.13	0.1425	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs1127162	5.87	5.61	0.118	2.69	0.95	0.14	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs1127152	30.87	29.40	-0.516	10.58	1.34	0.4075	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs3812594	12.51	11.94	0.248	4.57	34.7	0.24	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs3812595	12.52	11.94	-0.249	4.74	34.81	0.2387	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs10870070	6.49	6.20	0.131	3.92	40.7	0.165	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INPP5E	fW.n38HUIimg4Ty6Bak	rs4379550	30.86	29.39	-0.515	10.26	42.17	0.4075	8.881	0.529	7.523	8.506	8.872	9.258	10.5	
INSIG1	WjFfe4ovg.ghR_nv0Q	rs13223383	6.62	6.32	0.136	2.56	1.84	0.33	7.362	0.15	7.116	7.245	7.346	7.451	7.835	
INVS	3iRlovitKJyinoHnXU	rs12552646	4.3	4.12	0.084	1.68	6.96	0.4575	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	3iRlovitKJyinoHnXU	rs1999877	4.28	4.10	0.084	1.13	-89.71	0.48	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	3iRlovitKJyinoHnXU	rs2787364	4.28	4.10	-0.084	1.13	-84.18	0.48	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	3iRlovitKJyinoHnXU	rs1572607	4.28	4.10	-0.084	1.13	-82.76	0.48	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	3iRlovitKJyinoHnXU	rs2806699	4.18	4.00	-0.082	0.91	-9.24	0.4275	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	3iRlovitKJyinoHnXU	rs7472	6.63	6.33	-0.134	1.09	1.1	0.335	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	TJe1TJfXdHH9ek3Dk	rs7472	3.78	3.62	-0.075	1.08	1.1	0.335	7.284	0.075	7.133	7.23	7.283	7.331	7.474	
INVS	3iRlovitKJyinoHnXU	rs4743392	3.95	3.78	-0.077	1.53	5.48	0.4824	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	TJe1TJfXdHH9ek3Dk	rs4743392	3.3	3.17	-0.064	0.93	5.48	0.4824	7.284	0.075	7.133	7.23	7.283	7.331	7.474	
INVS	3iRlovitKJyinoHnXU	rs10124133	6.63	6.33	-0.134	1.1	38.53	0.335	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
INVS	TJe1TJfXdHH9ek3Dk	rs10124133	3.78	3.62	-0.075	1.04	38.53	0.335	7.284	0.075	7.133	7.23	7.283	7.331	7.474	
INVS	3iRlovitKJyinoHnXU	rs944710	4.13	3.95	0.08	1.52	49.03	0.48	7.23	0.066	7.112	7.179	7.223	7.276	7.432	
IPO5	KnqRznCR.qJCBdcX1I	rs7993717	3.33	3.19	0.062	0.51	25.11	0.46	7.736	0.157	7.174	7.659	7.738	7.836	8.064	
IPO8	ZXeddX1QpPgng7IB6Q	rs794161	6.75	6.45	0.137	2.72	-47.52	0.1225	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs1258276	3.43	3.29	0.065	2.44	-28.5	0.3725	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs2352210	35.04	33.37	-0.568	12.42	-0.09	0.3719	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs3888018	12.56	11.98	-0.249	2.27	1.62	0.27	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs33270	5.6	5.36	0.109	4.07	3.84	0.12	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs794152	21.14	20.15	-0.38	10.6	14.27	0.32	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs3910564	75.73	72.06	0.844	14.14	18.43	0.4472	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs6487926	32.61	31.06	0.559	11.15	28.9	0.3691	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs10843803	9.35	8.93	-0.196	1.25	30.91	0.231	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs6487927	73.06	69.53	0.834	14.03	-22.42	0.45	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs2882856	4.45	4.26	-0.087	0.95	12.53	0.0584	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs7297455	71.29	67.84	-0.829	13.81	16.17	0.4525	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs2304630	33.72	32.11	0.554	11.89	33.06	0.385	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs10843824	4.93	4.72	0.098	4.21	36.72	0.3518	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs11613738	5.66	5.41	-0.112	1.46	37.68	0.075	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IPO8	ZXeddX1QpPgng7IB6Q	rs12146709	14.78	14.09	0.287	6.85	39.25	0.28	9.08	0.482	8.044	8.65	9.174	9.339	10.509	Yes
IQCB1	rojzPr3l3pOeshypTU	rs6766694	4.91	4.69	-0.094	4.36	12.22	0.3442	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs6795182	4.91	4.69	0.094	3.82	17.03	0.3442	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs6808500	4.73	4.52	0.09	4.25	21.03	0.3475	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs6438678	4.83	4.62	0.092	4.34	-12.49	0.35	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs1920296	4.83	4.62	0.092	4.34	-10.3	0.35	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs9826473	4.14	3.97	0.078	5.98	2.35	0.29	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs9884018	3.7	3.54	0.069	2.06	9.48	0.12	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCB1	rojzPr3l3pOeshypTU	rs6767409	4.91	4.70	-0.092	4.93	11.12	0.402	9.819	0.276	9.019	9.62	9.848	10.014	10.463	
IQCG	fnf3SSBAovR6fJxLhk	rs1985077	3.59	3.43	-0.067	0.53	-28.65	0.105	7.693	0.172	7.181	7.572	7.692	7.806	8.171	
IQCG	fnf3SSBAovR6fJxLhk	rs7634881	4.57	4.37	0.087	0.62	15.22	0.0825	7.693	0.172	7.181	7.572	7.692	7.806	8.171	
IQCG	fnf3SSBAovR6fJxLhk	rs9820771	3.37	3.23	-0.063	1.39	-12.74	0.17	7.693	0.172	7.181	7.572	7.692	7.806	8.171	
IQCG	fnf3SSBAovR6fJxLhk	rs9863880	5.32	5.08	0.103	1.25	-12.45	0.0975	7.693	0.172	7.181	7.572	7.692	7.806	8.171	
IRAK1BP1	rYaQl7fvnviDm6ZAnQ	rs2174743	4.6	4.41	0.091	2.87	14.62	0.49	7.469	0.205	7.119	7.337	7.442	7.557	8.46	
IRAK1BP1	rYaQl7fvnviDm6ZAnQ	rs10943605	4.6	4.41	0.091	2.81	47.16	0.49	7.469	0.205	7.119	7.337	7.442	7.557	8.46	
IREB2	ITP0kv5R7h7ekJVSOc	rs8034191	3.8	3.64	0.07	0.77	14.56	0.35	8.348	0.294	7.611	8.179	8.395	8.539	9.008	
IRF2	3zdEkR0kVX3eVPVSc	rs965225	3.29	3.15	0.061	1.56	7.98	0.1025	7.864	0.28	7.267	7.707	7.822	7.97	9.356	
IRF5	Zpen3qeOrS_pffAR0U	rs4728142	8.01	7.65	0.16	4.77	-4.03	0.47	7.529	0.43	7.113	7.198	7.389	7.68	9.207	
IRF5	Zpen3qeOrS_pffAR0U	rs7808907	11.49	10.96	0.232	5.65	-6	0.49	7.529	0.43	7.113	7.198	7.389	7.68	9.207	
IRF5	Zpen3qeOrS_pffAR0U	rs10488630	8.39	8.01	-0.172	3.53	3.86	0.4075	7.529	0.43	7.113	7.198	7.389	7.68	9.207	
IRF5	Zpen3qeOrS_pffAR0U	rs1874332	13.36	12.74	-0.27	4.81	24.52	0.4598	7.529	0.43	7.113	7.198	7.389	7.68	9.207	
IRF5	Zpen3qeOrS_pffAR0U	rs7789433	13.08	12.48	-0.259	6.36	31.11	0.325	7.529	0.43	7.113	7.198	7.389	7.68	9.207	
IRF5	Zpen3qeOrS_pffAR0U	rs1154330	3.87	3.70	0.074	3.52	35.7	0.1525	7.529	0.43	7.113	7.198	7.389	7.68	9.207	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
IRS1	ELieO5UUW7TiOr8d0	rs1882575	3.85	3.68	0.072	0.57	-33.19	0.095	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
IRS1	ELieO5UUW7TiOr8d0	rs1317063	4.74	4.54	-0.092	0.97	-25.72	0.0775	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
IRS1	ELieO5UUW7TiOr8d0	rs2178704	5.77	5.52	0.112	0.87	-20.73	0.1175	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
IRS1	ELieO5UUW7TiOr8d0	rs10205923	7.42	7.09	-0.152	1.23	14.62	0.0675	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
IRS1	ELieO5UUW7TiOr8d0	rs1560251	7.25	6.93	-0.151	2.24	-10.53	0.0975	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
IRS1	ELieO5UUW7TiOr8d0	rs6725556	3.87	3.71	0.074	0.95	2.52	0.065	7.223	0.101	7.101	7.15	7.194	7.268	7.61	
ISCA2	o.V1HS5wp411i57xd1	rs1125221	7.48	7.15	0.154	6.35	-47.64	0.4369	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs2190876	8.96	8.55	-0.183	6.12	-28.2	0.395	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs3784035	3.58	3.43	0.068	0.81	-11.54	0.1575	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs10148268	3.58	3.43	0.068	0.81	-9.5	0.1575	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs7148018	18.16	17.31	0.352	9.11	-3.31	0.44	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs4899516	3.32	3.18	0.062	0.66	-0.94	0.1475	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs1468503	11.23	10.72	0.231	6.47	-0.82	0.2975	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs3759745	3.32	3.18	-0.062	0.6	0.5	0.1475	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs11159087	3.34	3.20	-0.062	1.02	9.2	0.145	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs2302114	7.72	7.37	0.163	4.99	21.67	0.4623	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs699370	4.81	4.60	-0.097	4.4	26.95	0.3425	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs862037	4.13	3.95	-0.081	2.65	28.23	0.36	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ISCA2	o.V1HS5wp411i57xd1	rs3815328	4.86	4.65	0.097	3.33	30.21	0.345	10.981	0.269	10.297	10.786	10.981	11.154	11.957	
ITGB1BP1	ZeneCFEjKJDigxJe6s	rs2709576	3.72	3.66	-0.072	2.56	-46.44	0.325	10.509	0.49	7.243	10.314	10.536	10.796	11.374	
ITGB1BP1	ZeneCFEjKJDigxJe6s	rs4798	4.01	3.84	0.077	2.56	0.99	0.1975	10.509	0.49	7.243	10.314	10.536	10.796	11.374	
ITGB1BP1	ZeneCFEjKJDigxJe6s	rs10169262	3.89	3.72	0.074	2.36	3.94	0.2	10.509	0.49	7.243	10.314	10.536	10.796	11.374	
ITGB1BP1	ZeneCFEjKJDigxJe6s	rs10176656	3.52	3.37	0.066	2.13	24.46	0.2025	10.509	0.49	7.243	10.314	10.536	10.796	11.374	
ITGB3BP	rSh9DECTRn_EnOD18	rs6697508	15.43	14.71	-0.303	5.53	-13.07	0.28	8.192	0.273	7.552	7.993	8.207	8.384	8.931	
ITGB3BP	rSh9DECTRn_EnOD18	rs3004318	9.76	9.32	0.196	5.38	-5.72	0.4925	8.192	0.273	7.552	7.993	8.207	8.384	8.931	
ITGB3BP	rSh9DECTRn_EnOD18	rs3009577	8.87	8.47	-0.176	3.72	7.66	0.3275	8.192	0.273	7.552	7.993	8.207	8.384	8.931	
ITGB3BP	rSh9DECTRn_EnOD18	rs6588044	8.87	8.47	0.176	3.72	-30.53	0.3275	8.192	0.273	7.552	7.993	8.207	8.384	8.931	
ITGB3BP	rSh9DECTRn_EnOD18	rs217478	8.87	8.47	0.176	3.72	2.43	0.3275	8.192	0.273	7.552	7.993	8.207	8.384	8.931	
ITI4	luIA1ypdBdk14F8k24	rs17331151	7.07	6.75	-0.138	2.87	-2.47	0.1055	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITI4	luIA1ypdBdk14F8k24	rs4687657	4.3	4.11	0.08	1.62	5.53	0.2825	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITI4	luIA1ypdBdk14F8k24	rs4687554	4.8	4.59	-0.091	1.93	-0.56	0.2375	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITI4	luIA1ypdBdk14F8k24	rs11626	5.92	5.66	-0.113	3.1	9.29	0.165	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITI4	luIA1ypdBdk14F8k24	rs6445539	5.71	5.46	-0.108	2.36	9.6	0.25	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITI4	luIA1ypdBdk14F8k24	rs11130329	3.61	3.46	-0.066	2.19	32.16	0.16	7.988	0.485	7.183	7.6	7.864	8.314	9.809	
ITPR3	oKnieZ_bp79OFn7.3U	rs2296341	3.35	3.21	-0.063	0.57	-36.77	0.1884	11.208	0.387	9.856	10.983	11.201	11.453	12.545	Yes
ITPR3	oKnieZ_bp79OFn7.3U	rs4711338	3.57	3.42	0.066	1.36	-4.15	0.47	11.208	0.387	9.856	10.983	11.201	11.453	12.545	Yes
ITR	oO3ZwwVSc_3vu9J4jk	rs726298	6.62	6.33	0.133	2.13	-42.62	0.385	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs9301977	5.32	5.09	-0.105	0.62	-41.23	0.3725	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs7339106	7.29	6.96	-0.141	1.05	-30.25	0.3175	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs9561636	3.36	3.22	-0.064	2.12	-22.92	0.255	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs7330873	6.99	6.68	-0.143	1.01	-18.27	0.3105	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs9556403	7.14	6.82	0.141	2.27	-17.33	0.4025	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs9561641	4.54	4.34	0.086	0.67	-3.63	0.2675	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs9524555	7.51	7.17	-0.149	1.25	5.38	0.3265	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs1572935	5.14	4.92	0.099	1.19	-9.39	0.2437	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITR	oO3ZwwVSc_3vu9J4jk	rs6492725	3.8	3.64	-0.071	1.62	3.63	0.405	8.052	0.215	7.172	7.93	8.076	8.177	8.504	
ITSN1	HJLb564Xve5_DueDU	rs2248815	4.61	4.41	0.088	0	-123.28	0.1925	7.102	0.006	7.089	7.099	7.102	7.106	7.121	
JAG2	uCduELI9ESFXZB7UZs	rs2072673	3.69	3.53	0.067	0.47	-10.47	0.37	7.327	0.134	7.13	7.234	7.296	7.389	8.113	
JAG2	uCduELI9ESFXZB7UZs	rs11625865	3.3	3.16	0.06	0.6	9.26	0.3819	7.327	0.134	7.13	7.234	7.296	7.389	8.113	
JAKMIP2	rRS4iojQCclHFeyUoc	rs6895278	3.31	3.17	-0.062	2.22	-40.23	0.325	7.544	0.207	7.183	7.378	7.522	7.678	8.089	
JAKMIP2	rRS4iojQCclHFeyUoc	rs1016104	12.22	11.66	-0.243	4.81	-23.52	0.355	7.544	0.207	7.183	7.378	7.522	7.678	8.089	
JAKMIP2	rRS4iojQCclHFeyUoc	rs2436340	21.47	20.45	-0.402	7.4	0.22	0.3725	7.544	0.207	7.183	7.378	7.522	7.678	8.089	
JAM3	0g7h0ldiljGKe495f4	rs11223716	3.79	3.62	0.072	1.92	-1.43	0.345	8.816	0.291	8.097	8.612	8.823	9.009	10.07	
JAM3	0g7h0ldiljGKe495f4	rs11606866	4.37	4.19	-0.084	0.76	18.31	0.14	8.816	0.291	8.097	8.612	8.823	9.009	10.07	
JAM3	0g7h0ldiljGKe495f4	rs12573858	4.2	4.02	-0.08	0.76	43.02	0.1382	8.816	0.291	8.097	8.612	8.823	9.009	10.07	
JMJD4	fVJXthfY1JP.0vpV4	rs12138229	4.96	4.75	-0.098	2.61	-18.8	0.1825	8.128	0.353	7.394	7.859	8.104	8.373	9.049	
JMJD4	fVJXthfY1JP.0vpV4	rs12097239	5.35	5.12	-0.109	2.69	-6.46	0.2125	8.128	0.353	7.394	7.859	8.104	8.373	9.049	
JMJD4	fVJXthfY1JP.0vpV4	rs2236359	4.19	4.01	0.082	3.62	12.33	0.4171	8.128	0.353	7.394	7.859	8.104	8.373	9.049	
JMJD4	fVJXthfY1JP.0vpV4	rs10916205	4.21	4.03	0.082	3.6	34.48	0.415	8.128	0.353	7.394	7.859	8.104	8.373	9.049	
JUP	xjJ93dSmy_n_VFXQ	rs11079013	17.45	16.63	-0.327	2.57	4.26	0.095	7.726	0.64	7.114	7.304	7.478	8.042	10.872	
JUP	3K4Roun4n3qjkrUWJU	rs11079013	5.77	5.51	-0.114	1.67	4.26	0.095	7.726	0.64	7.114	7.304	7.478	8.042	10.872	
JUP	xjJ93dSmy_n_VFXQ	rs4796712	7.88	7.52	0.158	2.19	44.18	0.1225	7.726	0.64	7.114	7.304	7.478	8.042	10.872	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP	
			association	association		association				Standard	25th	Median	75th	Maximum		mapping
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum	under	
															probe	
JUP	3K4Roun4n3qjkrUWJU	rs4796712	4.76	4.56	0.094	1.46	44.18	0.1225	7.147	0.04	7.099	7.119	7.136	7.16	7.381	
KBTD11	NrAcRe_CIC9KknvuN4	rs9650491	8.7	8.31	-0.171	5.4	2.19	0.07	9.456	0.356	8.454	9.206	9.482	9.699	10.457	
KBTD11	NrAcRe_CIC9KknvuN4	rs1043221	3.79	3.63	0.069	3.19	-2.06	0.1275	9.456	0.356	8.454	9.206	9.482	9.699	10.457	
KCNJ4	KGZohVCFRmSFiaSWql	rs2269609	3.98	3.81	-0.08	0.33	13.26	0.1075	7.559	0.191	7.193	7.43	7.55	7.67	8.796	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs1544050	5.81	5.55	0.115	1.78	-3.07	0.3889	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs11756091	8.46	8.08	-0.165	3.57	0.61	0.49	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs3734618	8.33	7.95	-0.163	3.55	1.99	0.49	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs1109798	5.25	5.02	0.104	3.83	7.68	0.405	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs3807045	5.15	4.92	0.102	3.3	8.46	0.402	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK17	WE7Xq4TqO4f2rtqkk4	rs1328384	6.35	6.07	0.126	3.31	9.61	0.42	7.249	0.178	7.096	7.139	7.188	7.277	8.263	
KCNK9	0oLW.KoHB5E9Ciptbo	rs2542443	3.4	3.26	-0.068	0.07	-33.22	0.1035	7.243	0.094	7.134	7.194	7.224	7.255	7.77	
KCNMB3	T6X0eHecrriePvpOul	rs7614305	3.67	3.51	-0.069	0.44	-47.93	0.23	7.372	0.12	7.132	7.297	7.363	7.436	8.071	
KCNMB4	9EKPXngt4F8e7BXS.U	rs17108108	4.39	4.20	-0.086	0.71	-27.06	0.075	7.506	0.128	7.164	7.424	7.488	7.56	8.121	
KCNN4	HumVXrqEECKEU.9S.J4	rs670950	4.85	4.64	-0.093	1.04	-3.85	0.101	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNN4	HumVXrqEECKEU.9S.J4	rs3760982	5.52	5.28	-0.105	2.81	1.1	0.4375	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNN4	HumVXrqEECKEU.9S.J4	rs1386502	4.32	4.13	0.082	1.43	7.95	0.435	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNN4	HumVXrqEECKEU.9S.J4	rs10426528	8.53	8.15	0.167	3.08	13.89	0.3788	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNN4	HumVXrqEECKEU.9S.J4	rs187008	4.25	4.07	-0.08	1.2	20.46	0.0925	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNN4	HumVXrqEECKEU.9S.J4	rs2356401	3.84	3.67	0.074	0.99	36.44	0.3975	9.018	0.367	8.087	8.797	8.977	9.236	10.479	
KCNT1	K4TSiZRxm1.nnr18es	rs487750	3.37	3.23	0.066	1.57	9.7	0.3756	7.185	0.072	7.101	7.14	7.167	7.206	7.577	
KCNT1	K4TSiZRxm1.nnr18es	rs7029951	3.45	3.30	-0.073	2.01	2.7	0.2337	7.185	0.072	7.101	7.14	7.167	7.206	7.577	
KCTD10	xQSY9KFQu4EEdJWV3o	rs9943753	3.48	3.33	0.067	1.52	-45.52	0.3575	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs4766594	6.98	6.66	-0.14	2.27	-43.84	0.29	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs10850135	21.66	20.64	-0.396	6.62	-19.93	0.295	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs2075432	13.66	13.03	0.268	5.64	-12.23	0.465	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs10850141	18.07	17.23	0.335	5.84	-10.33	0.335	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs7132057	23.66	22.54	0.425	6.86	-6.18	0.305	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs3825393	6.36	6.08	-0.13	2.35	-3.09	0.315	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs12821585	10.42	9.94	-0.202	3.34	-0.1	0.08	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs1477117	33.76	32.15	-0.545	7.5	2.32	0.185	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs9943689	35.73	34.02	-0.571	6.78	3.88	0.2	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs4766602	18.43	17.56	-0.339	4.48	4.05	0.4025	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs2058804	13.4	12.78	0.278	3.87	-6.14	0.4375	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs7298565	13.4	12.78	-0.278	3.87	22.38	0.4375	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD10	xQSY9KFQu4EEdJWV3o	rs3815575	14.07	13.41	0.284	3.73	32.75	0.29	8.894	0.339	8.228	8.636	8.846	9.159	9.778	
KCTD20	oISgryO7_QML5UCrVU	rs4711453	4.1	3.93	-0.081	1.55	-18.93	0.3	9.63	0.379	8.279	9.385	9.573	9.813	10.876	
KDEL2	ISSXw3Ew99N2UPSWSU	rs3741060	4.09	3.92	-0.078	1.39	10.87	0.13	8.677	0.289	7.697	8.525	8.728	8.892	9.452	
KDEL2	ISSXw3Ew99N2UPSWSU	rs10749920	3.33	3.19	-0.061	1.44	14.56	0.1725	8.677	0.289	7.697	8.525	8.728	8.892	9.452	
KDEL2	Qk3tfSmaEg98USQKQ	rs2881698	8.34	7.97	-0.168	2.51	20.99	0.195	9.519	0.315	8.585	9.325	9.533	9.727	10.356	
KHK	TO4VKMSL.vntdKitY3o	rs2011616	3.85	3.69	-0.075	0.98	-7.56	0.407	7.268	0.088	7.109	7.207	7.255	7.323	7.599	
KHK	TO4VKMSL.vntdKitY3o	rs2304681	3.92	3.75	-0.077	0.84	5.13	0.3995	7.268	0.088	7.109	7.207	7.255	7.323	7.599	
KHK	QFxnES39IUSnW1U2UY	rs2304681	3.77	3.61	-0.074	0.85	5.13	0.3995	7.32	0.133	7.103	7.225	7.29	7.395	7.769	
KHK	TO4VKMSL.vntdKitY3o	rs4665947	3.98	3.81	-0.076	1.14	24.42	0.355	7.268	0.088	7.109	7.207	7.255	7.323	7.599	
KHK	TO4VKMSL.vntdKitY3o	rs1866561	4.21	4.03	0.081	1.18	27.67	0.3575	7.268	0.088	7.109	7.207	7.255	7.323	7.599	
KIAA0040	cnt0V_fkASO_ljFIdU	rs2072041	5.32	5.09	0.099	1.73	-33.28	0.3375	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs2010221	6.09	5.82	0.115	3.07	-32.26	0.145	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs4651322	5.76	5.51	0.109	1.77	-21.4	0.3325	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs1018829	7.29	6.96	-0.139	3.1	-16.4	0.206	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs10489328	11.16	10.65	0.211	3.82	-13.01	0.18	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs6701037	7.37	7.04	-0.141	4.15	-6.04	0.4375	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs1057285	7.74	7.39	-0.145	3.05	0.72	0.15	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0040	cnt0V_fkASO_ljFIdU	rs2269655	4.43	4.23	-0.08	3.2	9.48	0.1658	7.97	0.232	7.535	7.818	7.939	8.076	9.243	
KIAA0090	lqyq6gHpMe7syR5Y_k	rs17393888	3.46	3.23	0.065	2.05	-1.65	0.0975	8.223	0.192	7.768	8.085	8.212	8.349	8.75	
KIAA0367	Qd3CE93iu7igtHHXJc	rs520365	3.96	3.79	0.08	1.04	-24.59	0.365	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs505034	3.57	3.42	0.071	1.48	-18.21	0.2275	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs506965	4.11	3.93	0.083	1.14	-17.98	0.38	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs620321	3.86	3.70	-0.079	1.7	-13.24	0.22	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs561970	3.67	3.52	0.073	1.57	-9.96	0.197	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs620985	3.68	3.52	-0.076	1.2	-9.72	0.3575	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0367	Qd3CE93iu7igtHHXJc	rs620552	3.66	3.51	-0.072	1.43	-9.64	0.2025	7.168	0.085	7.099	7.123	7.137	7.171	7.787	Yes
KIAA0513	BffgXrpVb6BzS6bdU4	rs1875246	3.42	3.27	-0.065	0.56	-1.84	0.3975	8.76	0.509	7.881	8.402	8.652	9.009	10.504	
KIAA0513	BffgXrpVb6BzS6bdU4	rs13335460	4.34	4.16	-0.083	1.01	11.25	0.3425	8.76	0.509	7.881	8.402	8.652	9.009	10.504	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
KIAA0513	BffgXrpVb6BzS6bdU4	rs11642445	4.08	3.91	-0.077	0.73	27.79	0.4075	8.76	0.509	7.881	8.402	8.652	9.009	10.504
KIAA0513	BffgXrpVb6BzS6bdU4	rs4782687	3.7	3.54	0.068	0.54	-28.75	0.405	8.76	0.509	7.881	8.402	8.652	9.009	10.504
KIAA0831	HuhqHTsKHQ.qgITouk	rs9323283	4.24	4.05	-0.08	2.49	7.67	0.1425	9.581	0.304	8.597	9.385	9.556	9.777	10.691
KIAA0892	udXqMJHVJVvzSARKQo	rs2301785	3.29	3.15	0.06	0.93	-47.62	0.05	9.377	0.269	8.693	9.179	9.412	9.585	10.199
KIAA0892	udXqMJHVJVvzSARKQo	rs8108647	10.41	9.93	-0.203	3.44	-28.16	0.1775	9.377	0.269	8.693	9.179	9.412	9.585	10.199
KIAA0892	udXqMJHVJVvzSARKQo	rs968525	10.5	10.02	-0.205	3.51	3.43	0.175	9.377	0.269	8.693	9.179	9.412	9.585	10.199
KIAA0892	udXqMJHVJVvzSARKQo	rs10415849	5	4.79	-0.101	1.51	35.52	0.1225	9.377	0.269	8.693	9.179	9.412	9.585	10.199
KIAA1505	leSJJIYOXE1SCSOUd8	rs17544690	12.3	11.73	-0.226	3.59	59.06	0.1675	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs10252204	3.65	3.50	0.064	1.38	68.87	0.385	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs2075761	6.7	6.40	-0.13	1.95	77.02	0.0928	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs3093273	6.36	6.08	-0.12	2.31	77.34	0.085	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs10488499	11.17	10.66	-0.206	2.9	82.13	0.155	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs3108440	3.47	3.32	0.062	2.08	-27.82	0.1025	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs3108445	4.04	3.87	0.072	3.41	-18.43	0.1575	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs3763402	3.61	3.45	-0.064	1.52	-7.7	0.2	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs6465532	4.28	4.09	0.079	1.08	-7.09	0.4725	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs8124	5.42	5.19	0.106	2.4	-0.1	0.4221	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs6973950	3.41	3.26	-0.063	1.66	17.31	0.4975	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs2272316	4.42	4.23	-0.087	3.23	18.44	0.3575	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1505	leSJJIYOXE1SCSOUd8	rs11764672	3.44	3.29	0.064	1.9	24.67	0.42	8.161	0.288	7.402	7.94	8.19	8.373	8.957
KIAA1598	E_Ru6wkyn4IrqkrE4	rs2170862	3.42	3.27	-0.063	2.18	-23.29	0.2461	8.449	0.768	7.298	7.811	8.338	8.953	10.969
KIAA1598	E_Ru6wkyn4IrqkrE4	rs2257791	3.72	3.56	0.068	1.3	-0.64	0.2475	8.449	0.768	7.298	7.811	8.338	8.953	10.969
KIAA1598	E_Ru6wkyn4IrqkrE4	rs740600	3.81	3.65	0.071	1.2	7.57	0.2525	8.449	0.768	7.298	7.811	8.338	8.953	10.969
KIAA1598	E_Ru6wkyn4IrqkrE4	rs1905541	3.67	3.52	0.067	1.17	-29.24	0.2525	8.449	0.768	7.298	7.811	8.338	8.953	10.969
KIAA1598	E_Ru6wkyn4IrqkrE4	rs10787735	3.73	3.58	0.068	1.12	-14.63	0.26	8.449	0.768	7.298	7.811	8.338	8.953	10.969
KIAA1609	Zjkn3up9365GveXeg	rs2061788	5.44	5.20	-0.11	1.11	-39.55	0.1175	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs2288581	5.33	5.10	0.109	0.69	-34.88	0.11	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs2288578	6.71	6.41	-0.139	0.91	-34.77	0.0725	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs12445933	5.46	5.22	0.113	0.64	-34.26	0.0704	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs2278299	8.34	7.96	-0.168	3.78	-28.55	0.1125	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs3826149	5.33	5.09	-0.106	3.04	-26.11	0.1175	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs2241633	5.92	5.66	-0.121	4.44	-13.53	0.1179	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs2241632	10.38	9.90	0.214	2.77	-13.42	0.0631	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1609	Zjkn3up9365GveXeg	rs1044874	3.58	3.43	-0.072	1.59	1.47	0.1809	7.18	0.085	7.099	7.129	7.156	7.197	7.721
KIAA1683	E1JI4pJA6SYly9CU	rs2277922	3.42	3.28	0.058	0.86	8.61	0.41	7.224	0.136	7.098	7.147	7.186	7.261	8.512
KIAA1683	E1JI4pJA6SYly9CU	rs1469023	3.66	3.51	-0.063	0.96	-7.02	0.4095	7.224	0.136	7.098	7.147	7.186	7.261	8.512
KIAA1683	E1JI4pJA6SYly9CU	rs12608504	4.45	4.26	-0.078	1.36	3.9	0.3819	7.224	0.136	7.098	7.147	7.186	7.261	8.512
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs2655991	4	3.83	0.078	1.67	-9.19	0.3	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs2655995	4.02	3.84	0.078	1.81	-5.26	0.2925	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs3813543	4.76	4.56	-0.094	1.02	-2.15	0.4171	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs888066	4.59	4.40	0.09	0.85	6.55	0.42	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs2110910	4.29	4.11	-0.083	1.76	12.9	0.3225	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1737	Eak4Ugl3U2vlQp7Cy4	rs2041822	5.86	5.60	-0.118	2.26	14.74	0.2325	8.788	0.238	7.973	8.637	8.804	8.946	9.543
KIAA1804	TS1_U.h4hROu5V_Lik	rs1294293	4.27	4.08	-0.08	1.12	6.8	0.2211	7.137	0.022	7.103	7.123	7.131	7.145	7.234
KIAA1804	TS1_U.h4hROu5V_Lik	rs1294264	4.18	4.00	-0.078	1.59	18.14	0.2175	7.137	0.022	7.103	7.123	7.131	7.145	7.234
KIAA1875	N6pe0_s.pQpeTagwLU	rs13264654	23.8	22.67	-0.435	3.37	4.24	0.1193	8.174	0.459	7.403	7.863	8.084	8.459	9.453
KIAA1967	xpTRqDotTnICJ0u_p4	rs11778693	3.32	3.18	0.06	0.78	0.3	0.335	9.837	0.419	8.736	9.561	9.804	10.08	11.39
KIAA1967	xpTRqDotTnICJ0u_p4	rs11136092	3.65	3.49	0.067	0.79	3.94	0.33	9.837	0.419	8.736	9.561	9.804	10.08	11.39
KIAA1967	xpTRqDotTnICJ0u_p4	rs4242434	3.55	3.40	0.065	0.78	23.85	0.3325	9.837	0.419	8.736	9.561	9.804	10.08	11.39
KIAA1967	xpTRqDotTnICJ0u_p4	rs13264187	3.64	3.49	-0.067	0.78	28.11	0.3367	9.837	0.419	8.736	9.561	9.804	10.08	11.39
KIF16B	621XuklyO6_pTbq9Xg	rs12625552	4.25	4.06	-0.082	0.14	-145.81	0.075	7.618	0.182	7.119	7.506	7.621	7.729	8.116
KIF16B	621XuklyO6_pTbq9Xg	rs997972	8.5	8.12	-0.174	1.9	7.12	0.1325	7.618	0.182	7.119	7.506	7.621	7.729	8.116
KIF20B	uUIHrBT33HezlTitD4	rs12218194	4.22	4.04	0.08	0.89	-41.37	0.2475	8.879	0.218	8.209	8.736	8.862	9.034	9.379
KIF20B	uUIHrBT33HezlTitD4	rs1048057	4.02	3.85	0.076	0.83	9.47	0.236	8.879	0.218	8.209	8.736	8.862	9.034	9.379
KIF20B	uUIHrBT33HezlTitD4	rs10509579	3.94	3.77	-0.074	1.05	34.41	0.235	8.879	0.218	8.209	8.736	8.862	9.034	9.379
KIF20B	uUIHrBT33HezlTitD4	rs1886997	3.66	3.69	0.072	1.05	-36.45	0.2337	8.879	0.218	8.209	8.736	8.862	9.034	9.379
KIF20B	uUIHrBT33HezlTitD4	rs12763178	4.85	4.64	-0.093	1.44	31.29	0.22	8.879	0.218	8.209	8.736	8.862	9.034	9.379
KIR3DL2	fs7J3dd9AwE7eV06.Y	rs11665986	8.36	7.98	0.165	2.16	5.27	0.1734	7.546	0.343	7.099	7.27	7.468	7.787	8.751
KIR3DL2	fs7J3dd9AwE7eV06.Y	rs269919	4.46	4.27	-0.084	1.48	48.68	0.3925	7.546	0.343	7.099	7.27	7.468	7.787	8.751
KISS1R	odXaiaoeegSac997zw	rs13090	19.77	18.84	0.37	4.23	-49.24	0.28	7.762	0.314	7.247	7.529	7.696	7.96	8.969
KISS1R	odXaiaoeegSac997zw	rs1683591	19.55	18.63	0.366	2.73	-48.32	0.2825	7.762	0.314	7.247	7.529	7.696	7.96	8.969
KISS1R	odXaiaoeegSac997zw	rs2241623	3.91	3.74	-0.077	0.44	-40.75	0.33	7.762	0.314	7.247	7.529	7.696	7.96	8.969

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
KISS1R	odXaiaoeeegSac997zw	rs2965292	21.31	20.31	0.394	4.43	-26.51	0.2487	7.762	0.314	7.247	7.529	7.696	7.96	8.969
KLF12	fkK3XIVSU7T3J7gekY	rs1324058	3.71	3.55	0.071	1.65	-30.13	0.22	8.101	0.789	7.184	7.577	7.833	8.321	10.943
KLF12	fkK3XIVSU7T3J7gekY	rs2325566	3.32	3.18	-0.061	1.47	-2.76	0.324	8.101	0.789	7.184	7.577	7.833	8.321	10.943
KLF15	ZbVdda.VIQNSEUI.Ks	rs2280677	4.21	4.03	0.086	1.44	36.89	0.2325	7.222	0.073	7.111	7.161	7.212	7.276	7.514
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs7193593	8.31	7.93	0.165	1.11	-6.38	0.2225	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs2290018	4.93	4.71	-0.095	1.36	0.67	0.3869	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs7195501	3.81	3.65	0.072	2.82	-20.16	0.26	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs9940714	10.64	10.15	-0.21	2.9	-15.95	0.3125	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs4354949	6.12	5.85	-0.119	3.35	-15.16	0.2075	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs12918318	3.65	3.50	0.068	2.51	-13.3	0.255	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs4417557	9.51	9.07	0.187	3.37	-7.15	0.1935	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs8063363	5.48	5.24	-0.107	4.31	7.44	0.2225	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC4	QSruB.dU6.Ld4ZpHqU	rs8047611	3.32	3.18	0.062	1.98	17.05	0.203	8.979	0.271	8.284	8.812	8.969	9.148	9.86
KLHDC5	IgiQKueA4fsa_nm90	rs2042587	4.4	4.21	0.083	3.31	7.34	0.43	9.43	0.324	7.125	9.26	9.423	9.594	10.329
KLHDC5	IgiQKueA4fsa_nm90	rs3751235	4.56	4.36	-0.084	3.75	-6.69	0.2085	9.43	0.324	7.125	9.26	9.423	9.594	10.329
KLHDC5	IgiQKueA4fsa_nm90	rs12578595	4.56	4.36	-0.084	3.58	9.02	0.1975	9.43	0.324	7.125	9.26	9.423	9.594	10.329
KLHDC5	IgiQKueA4fsa_nm90	rs10842995	4.02	3.84	-0.073	2.39	9.59	0.245	9.43	0.324	7.125	9.26	9.423	9.594	10.329
KLHL1	ER4IAjkuw8_p.5fO_I	rs10507781	3.6	3.45	0.07	0.44	45.95	0.0875	7.113	0.011	7.096	7.106	7.111	7.117	7.161
KLHL10	xUqelDvzigknlhB9U	rs9905601	4.69	4.48	-0.096	3.98	10.61	0.1583	7.113	0.009	7.094	7.107	7.112	7.118	7.169
KLHL23	uuoDLqw31S5Tmt06u4	rs7583128	6.55	6.26	0.129	1	14.72	0.36	7.261	0.11	7.107	7.184	7.239	7.312	7.729
KLHL36	xFNdFf1Sp3shSSQfc	rs2303230	4.07	3.90	-0.079	2.32	-2.24	0.325	10.148	0.343	9.291	9.931	10.124	10.35	11.481
KLHL8	ESKS8FeyR8ch64Qeno	rs2926511	3.76	3.60	-0.067	1.1	-19.6	0.4575	8.439	0.246	7.221	8.312	8.431	8.582	9.283
KLHL9	0oFCkA4Pp9yq3gXx5U	rs1475547	5.4	5.16	-0.107	1.92	-45.63	0.255	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs10964958	5.4	5.16	-0.107	1.92	-44.94	0.255	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs1330311	5.4	5.16	0.107	1.92	-41.95	0.255	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs4978092	5.4	5.16	-0.107	1.92	-41.1	0.255	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs1360286	5.27	5.04	-0.104	2.07	-37.39	0.2525	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs4978097	5.4	5.16	-0.107	1.99	-36.1	0.255	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs10119678	4.95	4.74	-0.099	1.66	5.42	0.205	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLHL9	0oFCkA4Pp9yq3gXx5U	rs614647	5.45	5.21	-0.109	1.72	42.24	0.305	9.834	0.439	8.095	9.587	9.893	10.148	10.89
KLKB1	09416qtdN5Ak6luk30	rs4253239	3.66	3.50	0.064	2.08	-0.2	0.1475	7.47	0.269	7.126	7.275	7.436	7.567	9.242
KLKB1	09416qtdN5Ak6luk30	rs4253292	3.61	3.46	0.064	1.97	-10.76	0.145	7.47	0.269	7.126	7.275	7.436	7.567	9.242
KLRG1	cs6AcOeUd01W1QU3e0	rs1805761	4.27	4.08	-0.08	3.84	-42.69	0.4225	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs12821842	5.15	4.93	-0.098	4.05	-33.24	0.42	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs2377674	5.15	4.93	0.098	4.05	-29.46	0.42	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs1805723	5.15	4.93	-0.098	4	0.08	0.42	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs1805721	5.15	4.93	-0.098	4	5.35	0.42	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs1805671	3.35	3.21	-0.062	1.06	0.25	0.28	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs12322917	5.86	5.60	0.117	2.42	9.89	0.3299	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs7311509	5.91	5.65	-0.116	1.89	15.69	0.33	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KLRG1	cs6AcOeUd01W1QU3e0	rs3026243	5.62	5.37	0.111	1.75	20.06	0.3317	10.184	0.491	8.896	9.827	10.169	10.54	11.301
KRT1	KkiIWK2P7VJfFogCJzo	rs638043	5.59	5.34	-0.116	2.05	-24.18	0.13	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs685382	9.05	8.64	-0.187	3.88	-18.87	0.18	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs10783526	4.52	4.32	0.089	2.8	-13.89	0.25	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs625378	6.67	6.37	0.138	2.43	-7.93	0.1275	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs8181747	5.17	4.94	0.103	2.77	-4.06	0.2175	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs646526	3.92	3.75	-0.076	2.57	-3.19	0.24	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs597685	15.31	14.59	0.3	6.22	2.24	0.3525	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs2741158	27.08	25.79	0.465	9.94	-2.62	0.47	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs3759191	27.08	25.79	-0.465	9.94	1.48	0.47	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs711345	15.4	14.68	0.305	6.22	3.68	0.35	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs643027	15.31	14.59	-0.3	5.78	10.69	0.3525	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs10783528	11.34	10.82	-0.225	5.02	14.3	0.3525	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs1567759	34.79	33.13	-0.555	11.63	17.39	0.425	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs1877549	5.47	5.23	0.108	3.13	20.76	0.2175	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs673127	9.7	9.26	-0.196	2.51	27.49	0.1725	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs10876324	5.87	5.61	0.118	2.39	28.55	0.48	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs7294743	3.44	3.29	0.066	0.45	31.72	0.3175	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs637074	6.05	5.78	-0.122	2.48	34.98	0.485	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs7963098	10.15	9.69	-0.204	2.53	46.53	0.1725	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs828113	13.04	12.44	-0.258	3.63	47.7	0.25	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT1	KkiIWK2P7VJfFogCJzo	rs864344	13.04	12.44	0.258	3.63	47.82	0.25	7.796	0.558	7.119	7.226	7.704	8.229	9.448

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)			Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
KRT1	KklIWK2P7VJfFogCJzo	rs662170	6.72	6.42	0.139	1.93	49.09	0.4116	7.796	0.558	7.119	7.226	7.704	8.229	9.448
KRT72	Ind0ul19_1W.b6fPI4	rs7295084	3.38	3.24	-0.063	1.21	-5.14	0.0859	9.184	0.981	7.334	8.495	9.033	9.802	12.063
KRT72	Ind0ul19_1W.b6fPI4	rs686339	7.11	6.79	0.145	2.43	28.52	0.2625	9.184	0.981	7.334	8.495	9.033	9.802	12.063
KRT72	Ind0ul19_1W.b6fPI4	rs609307	7.08	6.76	0.144	2.43	32.11	0.2638	9.184	0.981	7.334	8.495	9.033	9.802	12.063
KRT73	ZTe6stffvyl0XV517s	rs7310156	3.44	3.29	-0.063	2.12	-19.68	0.2075	8.493	0.559	7.484	8.104	8.382	8.871	10.347
KRT73	ZTe6stffvyl0XV517s	rs7296390	3.6	3.45	-0.069	2.36	-4.29	0.4975	8.493	0.559	7.484	8.104	8.382	8.871	10.347
KRT73	ZTe6stffvyl0XV517s	rs686339	6.39	6.11	0.127	2.36	11.47	0.2625	8.493	0.559	7.484	8.104	8.382	8.871	10.347
KRT73	ZTe6stffvyl0XV517s	rs609307	6.36	6.08	0.127	2.37	15.06	0.2638	8.493	0.559	7.484	8.104	8.382	8.871	10.347
KRT73	ZTe6stffvyl0XV517s	rs11170208	3.66	3.51	-0.068	3.11	18.49	0.175	8.493	0.559	7.484	8.104	8.382	8.871	10.347
KRT74	Woe6s7j_31Et3eqe7U	rs7295084	4.27	4.09	-0.083	0.91	22.54	0.0859	7.122	0.032	7.095	7.107	7.114	7.126	7.437
KRTAP12-4	6u5e4nkJe.7u6fX3IQ	rs2250930	3.52	3.37	-0.067	1.4	49.48	0.0675	7.146	0.027	7.107	7.129	7.141	7.158	7.317
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7951820	4.01	3.84	0.075	0.27	-43.34	0.1725	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7106849	5.76	5.50	-0.112	0.37	-23.14	0.2965	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs10734456	5.79	5.53	0.111	0.4	-11.06	0.24	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs10837407	9.35	8.92	0.188	0.46	5.84	0.2625	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7117114	6.75	6.45	-0.132	0.24	7.77	0.2839	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs1989592	7.06	6.75	-0.137	0.08	9.32	0.165	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7947734	9.43	9.00	-0.188	0.69	12.66	0.38	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7108019	3.41	3.27	0.063	0.94	18.52	0.5	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7930888	6.93	6.62	-0.134	0.08	18.71	0.13	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs9651654	3.41	3.27	-0.063	0.33	20.5	0.19	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7116239	6.92	6.61	-0.138	0.15	22.12	0.2015	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs7937618	7.13	6.81	0.139	0.1	27.59	0.1275	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs4752769	6.82	6.52	-0.135	0.24	32.39	0.34	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs902219	4.46	4.27	-0.088	0.41	33.92	0.3775	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTAP5-2	fXulQu4UoK3f19e_3U	rs16927442	3.46	3.32	0.066	0.85	48.22	0.1475	7.114	0.012	7.096	7.106	7.111	7.118	7.179
KRTCAP3	ueSgoaH0qknloDhlnY	rs11675428	4.89	4.68	0.099	1.75	-22.53	0.19	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs704791	18.52	17.66	-0.343	4.61	-8.1	0.3625	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs1260342	18.52	17.66	0.343	4.61	-1.85	0.3625	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs4803	18.52	17.66	0.343	4.61	0.13	0.3625	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs780104	18.1	17.25	-0.336	4.47	10.53	0.36	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs780106	18.1	17.25	0.336	4.47	14.43	0.36	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs1647276	18.52	17.66	0.343	4.61	21.44	0.3625	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs1647266	18.32	17.46	-0.341	4.56	26.32	0.3643	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs1260345	15.04	14.34	0.284	4	36.33	0.385	7.484	0.185	7.151	7.356	7.47	7.583	8.285
KRTCAP3	ueSgoaH0qknloDhlnY	rs2272417	14.17	13.52	-0.272	3.84	39.48	0.3775	7.484	0.185	7.151	7.356	7.47	7.583	8.285
L1TD1	lfcVlKOhJwybH6o4ok	rs10889294	3.57	3.42	0.071	0.77	-30.17	0.0725	7.181	0.089	7.109	7.143	7.157	7.192	7.862
L3MBTL2	oqluBEgV0lQo4SJ6KE	rs5758251	3.72	3.56	-0.069	1.47	-30.57	0.3375	9.639	0.245	8.632	9.518	9.654	9.759	10.576
L3MBTL2	oqluBEgV0lQo4SJ6KE	rs139461	3.65	3.49	0.068	1.19	10.15	0.345	9.639	0.245	8.632	9.518	9.654	9.759	10.576
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs1577910	4.53	4.33	-0.087	1.48	-43.91	0.4825	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6902109	4.65	4.45	-0.089	0.97	-23.18	0.465	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6569644	14.4	13.73	-0.273	3.18	-17.38	0.2675	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs9492432	3.76	3.60	0.071	2.73	-17.14	0.205	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs9372951	7.11	6.79	-0.139	1.87	-10.54	0.4025	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs1337775	7.97	7.61	-0.157	2.33	-5.37	0.385	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6569647	3.33	3.19	0.063	1.27	-2.47	0.21	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6569648	23.33	22.23	-0.411	4.07	9.38	0.2275	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs6569648	5.13	4.90	-0.099	4.49	9.38	0.2275	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs9388766	20.99	20.00	0.373	3.99	15.12	0.29	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs9388766	3.54	3.39	0.065	4.51	15.12	0.29	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6899976	20.99	20.00	0.373	4.46	18.69	0.29	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs6899976	3.54	3.39	0.065	4.05	18.69	0.29	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6928313	12.73	12.15	-0.24	4.32	28.77	0.41	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs3890746	12.73	12.15	-0.24	4.32	31.32	0.41	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs9388769	19.15	18.25	0.345	4.7	40.22	0.31	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs9388769	4.1	3.93	0.077	4.29	40.22	0.31	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs10499173	20.06	19.11	0.375	2.6	53.41	0.2381	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs10499173	3.99	3.82	0.079	1.82	53.41	0.2381	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs9321207	9.38	8.95	-0.18	2.81	57.5	0.395	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs4548027	20.83	19.85	-0.371	2.43	57.78	0.2325	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	lK.ID0KwBKlHn5LlU	rs4548027	4.67	4.47	-0.089	3.9	57.78	0.2325	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	lXdVYnUpWz9ReXHoTc	rs6569651	15.15	14.45	-0.284	2.85	-58.5	0.2925	7.242	0.124	7.104	7.161	7.206	7.272	7.865

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association	association		association				Standard	25th	Median	75th	Maximum	
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	percentile	percentile	percentile	Maximum		
L3MBTL3	Ik.ID0KwBKtLhN5LIU	rs6569651	3.7	3.55	-0.069	4.08	-58.5	0.2925	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs6569654	8.82	8.42	0.177	2.08	-52.52	0.3969	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs9483083	17.85	17.01	-0.334	1.48	-45.64	0.2333	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	Ik.ID0KwBKtLhN5LIU	rs9483083	3.86	3.70	-0.075	3.44	-45.64	0.2333	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs7755589	14.64	13.96	-0.276	2.52	-43.03	0.27	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	Ik.ID0KwBKtLhN5LIU	rs7755589	3.46	3.31	-0.064	3.48	-43.03	0.27	9.092	0.372	8.006	8.847	9.086	9.353	10.159
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs9402216	4.89	4.68	0.094	2.17	-30.16	0.4825	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs9321208	7.97	7.61	-0.157	1.49	-29.3	0.3225	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs6914419	7.8	7.45	0.154	1.77	-26.11	0.3575	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs6901414	4.71	4.51	-0.092	1.35	-21.27	0.4873	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs11154522	7.82	7.47	-0.156	1.78	-21.12	0.365	7.242	0.124	7.104	7.161	7.206	7.272	7.865
L3MBTL3	IXdVYnUpWz9ReXHoTc	rs12194709	9.47	9.04	-0.188	1.43	-13.3	0.235	7.242	0.124	7.104	7.161	7.206	7.272	7.865
LACTB2	ERI.c5F.Hf10Ft3N4	rs9650236	11.6	11.07	0.232	5.06	-35.14	0.0925	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs13271014	11.6	11.07	0.232	5.06	-20.23	0.0925	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs10504478	4.07	3.89	-0.079	3.59	-4.57	0.1625	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs7831911	11.6	11.07	0.232	5.06	5.22	0.0925	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs441890	8.54	8.15	-0.175	6.09	15.18	0.405	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs12675271	5.81	5.56	-0.117	4.35	20.62	0.47	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LACTB2	ERI.c5F.Hf10Ft3N4	rs268652	4.32	4.13	0.087	2.12	34.57	0.1675	8.558	0.319	7.829	8.347	8.545	8.749	9.37
LAIR2	ZeCXWj_ORTg4ogOI1Y	rs2042290	3.29	3.15	-0.06	0.82	-0.24	0.1025	8.591	0.569	7.148	8.31	8.572	8.827	10.818
LAIR2	ZeCXWj_ORTg4ogOI1Y	rs2042289	3.29	3.15	0.06	0.82	-0.19	0.1025	8.591	0.569	7.148	8.31	8.572	8.827	10.818
LAIR2	ZeCXWj_ORTg4ogOI1Y	rs17606864	4.05	3.88	-0.074	0.34	30.38	0.1575	8.591	0.569	7.148	8.31	8.572	8.827	10.818
LAMC3	ZLKR3RV5E5MBqRFUu0	rs4740396	4.04	3.87	0.074	1.27	33.3	0.2337	7.457	0.286	7.119	7.224	7.397	7.576	8.46
LAMC3	ZLKR3RV5E5MBqRFUu0	rs10901333	6.98	6.67	0.133	2.77	-39.57	0.485	7.457	0.286	7.119	7.224	7.397	7.576	8.46
LAMC3	ZLKR3RV5E5MBqRFUu0	rs4740407	3.6	3.45	0.064	0.77	-20.87	0.395	7.457	0.286	7.119	7.224	7.397	7.576	8.46
LAMC3	ZLKR3RV5E5MBqRFUu0	rs1109471	3.55	3.40	-0.063	0.79	-12.17	0.3125	7.457	0.286	7.119	7.224	7.397	7.576	8.46
LAMP3	od5eCnRF0xSTGdF8So	rs4859156	3.5	3.35	-0.065	2.37	-24.91	0.3425	7.821	0.295	7.283	7.641	7.796	7.934	9.991
LAMP3	od5eCnRF0xSTGdF8So	rs10513790	3.5	3.35	-0.065	2.37	-24.45	0.3425	7.821	0.295	7.283	7.641	7.796	7.934	9.991
LAPTM4B	EeHvfufu1KhOq4TI0	rs2449519	3.85	3.68	-0.072	1.58	-23.02	0.1	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2449529	8.24	7.87	-0.156	4.67	-2.29	0.4675	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2917959	3.44	3.29	-0.062	1.07	28.39	0.495	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs10955133	3.7	3.54	-0.068	1.09	30.39	0.4625	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs7818662	4.02	3.85	-0.074	1.15	-37.19	0.4675	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2449535	3.85	3.68	-0.071	1.18	-23.18	0.465	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2262489	3.73	3.57	0.069	1.18	-21.23	0.4623	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2449545	6.6	6.31	0.126	1.45	-18.61	0.1775	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs2449520	5.22	4.99	-0.098	0.75	-13.73	0.191	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LAPTM4B	EeHvfufu1KhOq4TI0	rs10504983	7.22	6.90	-0.137	1.49	1.23	0.17	8.661	0.328	7.638	8.429	8.662	8.903	9.475
LARS2	iUSa3p76gjpSg6HTFM	rs17638423	3.62	3.46	-0.07	1.53	36.88	0.21	8.023	0.211	7.511	7.88	8.043	8.166	8.644
LARS2	iUSa3p76gjpSg6HTFM	rs2291237	3.57	3.42	-0.068	2.59	-35.28	0.3561	8.023	0.211	7.511	7.88	8.043	8.166	8.644
LARS2	iUSa3p76gjpSg6HTFM	rs2118749	4.73	4.52	0.093	1.84	-18.07	0.2839	8.023	0.211	7.511	7.88	8.043	8.166	8.644
LAX1	Ep5AqDKeOie97Ose7o	rs7540760	5.35	5.11	0.105	4.13	0.65	0.19	10.038	0.377	8.257	9.79	10.042	10.295	11.12
LAX1	Ep5AqDKeOie97Ose7o	rs3737973	5.68	5.43	-0.11	4.29	-4.13	0.3975	10.038	0.377	8.257	9.79	10.042	10.295	11.12
LAX1	Ep5AqDKeOie97Ose7o	rs2185080	4.06	3.89	0.076	4.05	2.25	0.335	10.038	0.377	8.257	9.79	10.042	10.295	11.12
LAX1	Ep5AqDKeOie97Ose7o	rs2185079	4.06	3.89	0.076	4.05	2.27	0.335	10.038	0.377	8.257	9.79	10.042	10.295	11.12
LCE3B	91157nUIXq57rpVJ3g	rs4112788	3.53	3.38	0.069	1.38	-35.01	0.3525	7.134	0.025	7.104	7.117	7.127	7.143	7.224
LCORL	TXhU4kvsASujFBxdgk	rs2286540	3.63	3.48	0.07	1.67	-35.3	0.1375	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LCORL	TXhU4kvsASujFBxdgk	rs16895877	4.09	3.91	-0.08	1.67	1.68	0.1313	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LCORL	TXhU4kvsASujFBxdgk	rs16895895	4.22	4.04	-0.082	1.7	9.93	0.1325	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LCORL	TXhU4kvsASujFBxdgk	rs6817306	3.4	3.26	-0.065	1.37	23.21	0.1375	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LCORL	TXhU4kvsASujFBxdgk	rs13144223	3.47	3.33	-0.067	1.78	27.86	0.135	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LCORL	TXhU4kvsASujFBxdgk	rs13102976	3.47	3.33	-0.067	1.73	-43.55	0.135	7.151	0.049	7.1	7.127	7.14	7.16	7.502
LDHC	6SSiogHZfletQbDunM	rs7946331	4.5	4.30	0.086	3.5	-32.93	0.45	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs10766473	4.61	4.41	0.089	3.5	-32.38	0.4472	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs7112492	17.87	17.04	-0.336	5.61	-28.4	0.1825	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs1830426	12.21	11.65	-0.234	4.37	-14.37	0.2625	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs3758682	12.21	11.65	0.234	4.37	-4.44	0.2625	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs3809096	13.83	13.19	-0.269	4.22	-0.07	0.201	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDHC	6SSiogHZfletQbDunM	rs16935476	3.34	3.20	0.065	3.36	37.2	0.2575	7.157	0.064	7.106	7.119	7.129	7.169	7.474
LDOC1L	rSnnv1Q7QvPKsh1KK6g	rs133807	9.5	9.06	0.198	2.01	-49.78	0.48	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnnv1Q7QvPKsh1KK6g	rs133796	14.72	14.04	-0.285	2.09	-46.31	0.47	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnnv1Q7QvPKsh1KK6g	rs133795	14.99	14.29	0.289	2.09	-46.1	0.4675	8.731	0.295	7.937	8.535	8.723	8.925	9.778

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe
			p-value (-log10)	% Variance Explained	Distance from transcript (kb)	p-value (-log10)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs133778	15.83	15.09	0.304	2.21	-43.66	0.465	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs133771	6.55	6.26	0.133	1.82	-43.04	0.26	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs133753	17.14	16.33	0.323	2.54	-36.99	0.455	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs8140396	5.26	5.03	0.104	0.87	-21.66	0.2325	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs2239770	5.18	4.96	-0.103	0.81	-12.8	0.235	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LDOC1L	rSnr1Q7QvPKsh1KK6g	rs6007154	3.45	3.30	0.066	0.68	-6.48	0.28	8.731	0.295	7.937	8.535	8.723	8.925	9.778
LEPR	cVnMVk0j4ahSCoE2H0	rs1045895	4.49	4.29	0.086	0.57	11.66	0.395	7.164	0.045	7.101	7.131	7.154	7.185	7.387
LEPREL2	WqKzBXnXd1S3uQwK24	rs4963517	4.64	4.44	0.088	1.21	-1.21	0.4125	7.944	0.299	7.25	7.731	7.905	8.138	9.153
LEPREL2	WqKzBXnXd1S3uQwK24	rs10744720	3.49	3.35	0.065	1.59	15.2	0.2183	7.944	0.299	7.25	7.731	7.905	8.138	9.153
LEPROT	ZXII88gOSDeCVR3oVI	rs10493377	4.12	3.94	0.078	1.45	-7.07	0.4175	9.484	0.443	8.154	9.218	9.527	9.758	11.022
LEPROT	ZXII88gOSDeCVR3oVI	rs1045895	4.4	4.21	0.083	0.94	-0.28	0.395	9.484	0.443	8.154	9.218	9.527	9.758	11.022
LEPROT	ZXII88gOSDeCVR3oVI	rs2025803	3.73	3.57	-0.069	1.3	48.24	0.4697	9.484	0.443	8.154	9.218	9.527	9.758	11.022
LETMD1	xlUrqDXz_nyh41H1O8	rs7299484	3.91	3.74	0.072	0.87	-7.17	0.06	9.517	0.272	7.712	9.389	9.533	9.673	10.296
LETMD1	xlUrqDXz_nyh41H1O8	rs6580783	4.24	4.06	0.08	1.06	1.64	0.0812	9.517	0.272	7.712	9.389	9.533	9.673	10.296
LETMD1	xlUrqDXz_nyh41H1O8	rs4768959	4.14	3.96	-0.076	1.12	3.58	0.0825	9.517	0.272	7.712	9.389	9.533	9.673	10.296
LGALS2	WT6GkkHqpCBBqCNF7k	rs5995460	3.49	3.34	0.064	1.21	-14.8	0.3275	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGALS2	WT6GkkHqpCBBqCNF7k	rs2235336	3.62	3.47	0.066	1.13	-7.99	0.3275	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGALS2	WT6GkkHqpCBBqCNF7k	rs5995463	4.03	3.86	-0.075	1.06	-7.04	0.36	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGALS2	WT6GkkHqpCBBqCNF7k	rs2076087	4.86	4.65	-0.095	1.05	-5.89	0.4775	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGALS2	WT6GkkHqpCBBqCNF7k	rs2235338	11.03	10.52	0.219	1.69	-0.37	0.45	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGALS2	WT6GkkHqpCBBqCNF7k	rs2281097	11.24	10.73	0.223	1.75	-0.19	0.4525	8.503	0.939	7.127	7.802	8.272	9.034	11.26
LGP2	cenynVkOoAQWipSJ8s	rs2074158	3.43	3.29	0.064	0.84	3.74	0.1825	8.674	0.316	7.891	8.477	8.661	8.872	9.725
LGP2	cenynVkOoAQWipSJ8s	rs1122326	3.95	3.78	-0.076	1.15	10.12	0.2425	8.674	0.316	7.891	8.477	8.661	8.872	9.725
LGP2	cenynVkOoAQWipSJ8s	rs12603327	3.95	3.78	0.076	1.15	25.8	0.2425	8.674	0.316	7.891	8.477	8.661	8.872	9.725
LGP2	cenynVkOoAQWipSJ8s	rs7214921	3.95	3.78	0.076	0.92	29.27	0.2425	8.674	0.316	7.891	8.477	8.661	8.872	9.725
LHPP	cUKREqx.ehUeehIfgo	rs12569498	4.62	4.42	0.09	0.57	34.58	0.465	9.774	0.305	8.662	9.586	9.796	9.978	10.521
LHPP	cUKREqx.ehUeehIfgo	rs3824809	3.45	3.30	-0.065	0.85	35.3	0.3317	9.774	0.305	8.662	9.586	9.796	9.978	10.521
LIAS	Z9S8MEiuuUg5eh5Lo4	rs1458254	4.09	3.92	0.078	2.31	-13.86	0.155	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIAS	Z9S8MEiuuUg5eh5Lo4	rs13143990	4.09	3.92	-0.078	2.46	-2.07	0.155	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIAS	Z9S8MEiuuUg5eh5Lo4	rs16995293	3.87	3.71	0.074	2.1	2.23	0.1533	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIAS	Z9S8MEiuuUg5eh5Lo4	rs2687975	5.19	4.97	0.1	2.07	-6.96	0.3015	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIAS	Z9S8MEiuuUg5eh5Lo4	rs749915	4.9	4.69	-0.095	3.33	-4.41	0.21	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIAS	Z9S8MEiuuUg5eh5Lo4	rs2687965	3.84	3.68	-0.071	2.07	12.25	0.4675	8.221	0.21	7.641	8.097	8.235	8.351	8.737
LIG3	3IRA193Vnfi71.sfUo	rs16970468	5.04	4.82	-0.098	2.42	-37.04	0.39	8.118	0.195	7.531	8.004	8.112	8.226	8.965
LIG3	3IRA193Vnfi71.sfUo	rs1482103	4.04	3.86	-0.079	2.4	-19.89	0.45	8.118	0.195	7.531	8.004	8.112	8.226	8.965
LIG3	3IRA193Vnfi71.sfUo	rs9635769	3.98	3.81	-0.078	2.32	-19.18	0.455	8.118	0.195	7.531	8.004	8.112	8.226	8.965
LIG3	3IRA193Vnfi71.sfUo	rs3135998	3.75	3.59	-0.072	1.85	-9.77	0.3719	8.118	0.195	7.531	8.004	8.112	8.226	8.965
LIG3	3IRA193Vnfi71.sfUo	rs3744358	3.64	3.49	0.069	2.11	4.83	0.335	8.118	0.195	7.531	8.004	8.112	8.226	8.965
LILRA3	34uKI5_W44Z6kSKiK0	rs410852	5.03	4.81	0.098	2.41	0.52	0.2965	9.097	1.225	7.149	8.087	8.936	9.991	12.131
LILRA3	Wj1WebcA0CZQ3TCxSk	rs410852	3.76	3.60	0.072	3.11	0.52	0.2965	7.636	0.611	7.094	7.17	7.395	7.903	10.129
LILRA3	34uKI5_W44Z6kSKiK0	rs651279	4.64	4.44	0.089	3.23	9.52	0.305	9.097	1.225	7.149	8.087	8.936	9.991	12.131
LILRA3	Wj1WebcA0CZQ3TCxSk	rs651279	3.92	3.75	0.075	4.66	9.52	0.305	7.636	0.611	7.094	7.17	7.395	7.903	10.129
LILRA3	34uKI5_W44Z6kSKiK0	rs759818	3.43	3.28	-0.063	2.41	17.58	0.49	9.097	1.225	7.149	8.087	8.936	9.991	12.131
LILRA3	34uKI5_W44Z6kSKiK0	rs11084329	4.47	4.28	0.088	2.98	31.53	0.3333	9.097	1.225	7.149	8.087	8.936	9.991	12.131
LILRA3	Wj1WebcA0CZQ3TCxSk	rs11084329	4.03	3.86	0.079	4.14	31.53	0.3333	7.636	0.611	7.094	7.17	7.395	7.903	10.129
LIM2	KnThvfZKj.cTuZcWrk	rs1978456	3.38	3.24	0.066	1.25	3.55	0.27	7.114	0.025	7.092	7.103	7.108	7.117	7.316
LIMS2	Q_7YIfq6pSiiuOm0ig	rs2255177	8.07	7.71	0.158	2.93	-2.71	0.305	7.966	0.309	7.275	7.739	7.949	8.129	9.133
LIMS2	Q_7YIfq6pSiiuOm0ig	rs2288657	9.55	9.12	-0.184	3.33	-0.5	0.0575	7.966	0.309	7.275	7.739	7.949	8.129	9.133
LIMS2	Q_7YIfq6pSiiuOm0ig	rs2244871	4.34	4.15	0.084	1.59	2.84	0.3995	7.966	0.309	7.275	7.739	7.949	8.129	9.133
LIMS2	Q_7YIfq6pSiiuOm0ig	rs2243934	6.43	6.14	-0.126	2.72	9.92	0.065	7.966	0.309	7.275	7.739	7.949	8.129	9.133
LINS1	ZfoSEnek1jguN8vt50	rs4965671	5.09	4.87	0.093	1.84	-21.49	0.1625	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs12460	11.33	10.81	0.211	4.62	0.38	0.4675	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs1532765	3.74	3.58	-0.066	1.37	5.72	0.1675	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs11247226	13.33	12.71	0.243	4.4	11.53	0.4325	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs12441485	7.24	6.92	0.138	2.89	15.39	0.47	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs4965320	5.79	5.54	0.11	3.32	15.65	0.3725	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs7180844	13.23	12.61	-0.242	4.32	-6.32	0.4325	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LINS1	ZfoSEnek1jguN8vt50	rs3794503	3.81	3.65	-0.067	1.47	-0.48	0.165	8.427	0.389	7.354	8.188	8.409	8.686	9.449
LIPA	uVnHtvPjRN7uCUcVbo	rs7902290	3.41	3.27	0.066	1.85	-41.73	0.1675	11.283	0.432	8.971	11.028	11.262	11.552	12.215
LIPA	uVnHtvPjRN7uCUcVbo	rs7091822	3.43	3.28	-0.069	1.44	-15.93	0.1718	11.283	0.432	8.971	11.028	11.262	11.552	12.215
LIPC	B7I4nkIKlnkEZ6nFG0	rs4774297	3.49	3.38	0.067	2.29	-3.74	0.4673	7.153	0.073	7.098	7.117	7.127	7.149	7.548
LIPC	B7I4nkIKlnkEZ6nFG0	rs1077834	4.27	4.09	-0.08	2.73	-0.7	0.21	7.153	0.073	7.098	7.117	7.127	7.149	7.548

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
LIPC	B714nklKlnkEZ6nFG0	rs473224	4.5	4.31	0.085	2.03	13.17	0.15	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LIPC	B714nklKlnkEZ6nFG0	rs573922	4.59	4.40	-0.088	2.41	15.92	0.1775	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LIPC	B714nklKlnkEZ6nFG0	rs261336	4.47	4.27	0.085	2.03	18.24	0.18	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LIPC	B714nklKlnkEZ6nFG0	rs936960	13.8	13.16	0.268	3.25	27.7	0.0975	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LIPC	B714nklKlnkEZ6nFG0	rs12148268	3.88	3.71	-0.075	0.56	35.28	0.4447	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LIPC	B714nklKlnkEZ6nFG0	rs7162855	5.81	5.56	-0.111	2.44	-49.82	0.09	7.153	0.073	7.098	7.117	7.127	7.149	7.548	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1562688	5.18	4.96	0.105	1.98	-43.19	0.41	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1449345	4.29	4.11	-0.086	1.45	-35.62	0.35	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs9864415	6.61	6.31	-0.131	1.74	-30.84	0.49	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs10866089	5.96	5.69	0.116	1.72	-29.47	0.38	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs6777857	5.73	5.48	0.111	1.46	-24.18	0.3875	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs9811322	4.17	3.99	-0.081	1.15	-19.17	0.3618	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs7647092	6	5.73	0.12	2.1	-15.08	0.5	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs6793940	6.48	6.19	-0.129	1.47	-8.51	0.4825	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs9312023	9.78	9.33	-0.192	2	2.59	0.45	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs9848605	7.2	6.88	0.143	0.45	2.81	0.48	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs931685	6.54	6.25	-0.127	0.52	5.34	0.4575	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1994876	6.62	6.33	0.13	0.65	6.15	0.4394	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs6784560	6.4	6.12	-0.124	0.6	13.61	0.4575	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1947220	4.75	4.54	0.092	0.43	19.13	0.475	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs17784210	3.39	3.25	-0.068	0.61	25.11	0.1675	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs17784233	5.06	4.84	-0.1	0.34	26.88	0.4645	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs6784926	3.52	3.37	-0.066	0.1	-29.96	0.45	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs9836284	6.6	6.31	-0.13	0.84	-25.51	0.4525	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1545416	6.09	5.82	-0.124	0.94	-17.23	0.265	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs165174	6.53	6.24	0.129	3.09	8.5	0.365	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs7635151	3.3	3.17	-0.063	2.38	10.26	0.375	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs355137	6.73	6.43	-0.134	3.06	10.37	0.3625	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs956377	3.3	3.17	-0.063	2.38	11.6	0.375	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs11131137	3.65	3.49	-0.071	2.61	14	0.3668	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs4686274	4.89	4.68	0.097	3.06	20.51	0.32	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs371734	5.26	5.03	0.103	2.01	29.76	0.3125	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMCD1	QeQqh3qKL.Ug5D1i4k	rs1703132	5.26	5.03	-0.103	3.33	31.33	0.3125	7.274	0.084	7.113	7.215	7.27	7.318	7.597	
LMLN	NutFd6fcpDe.Xeeno	rs6782303	3.44	3.29	-0.065	0.31	-40.84	0.2475	7.199	0.073	7.1	7.145	7.179	7.233	7.597	
LMLN	NutFd6fcpDe.Xeeno	rs7431003	3.92	3.75	-0.074	0.06	2.14	0.2525	7.199	0.073	7.1	7.145	7.179	7.233	7.597	
LNPEP	99xXCJZTR9KWev7SU0	rs4869315	3.4	3.26	0.063	1.31	-42.07	0.44	8.324	0.208	7.795	8.183	8.316	8.445	9.072	
LOC115648	Zi6r7B_vkKeevcTyrU	rs7258086	9.82	9.37	0.195	4.38	-44.25	0.2725	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
LOC115648	Zi6r7B_vkKeevcTyrU	rs8103325	10.63	10.14	0.212	3.02	-31.75	0.465	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
LOC115648	Zi6r7B_vkKeevcTyrU	rs7247411	10.42	9.94	-0.211	2.59	-4.59	0.4621	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
LOC115648	Zi6r7B_vkKeevcTyrU	rs2937161	9.29	8.87	-0.185	3.49	22.23	0.28	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
LOC115648	Zi6r7B_vkKeevcTyrU	rs12151222	7.43	7.10	0.151	2.83	27.44	0.2538	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
LOC115648	Zi6r7B_vkKeevcTyrU	rs3951363	3.81	3.65	-0.073	1.05	26.05	0.2025	7.342	0.109	7.118	7.257	7.335	7.417	7.657	
_OC149643	KX8eMUQUUCJe9UEukok	rs11120027	4.7	4.50	0.09	0.46	-41.28	0.3719	7.126	0.017	7.101	7.115	7.122	7.133	7.181	
_OC149643	KX8eMUQUUCJe9UEukok	rs1390501	3.52	3.37	-0.066	1.02	44.05	0.3525	7.126	0.017	7.101	7.115	7.122	7.133	7.181	
_OC149643	KX8eMUQUUCJe9UEukok	rs3207090	3.9	3.74	0.073	1.17	47.6	0.46	7.126	0.017	7.101	7.115	7.122	7.133	7.181	
_OC198437	i6IU16KIG6OkU31Zrg	rs7271530	4.5	4.40	-0.093	2.48	12.2	0.4369	7.26	0.108	7.105	7.174	7.233	7.335	7.723	
_OC283551	fe5yHikleCR5kJE6AI	rs7145362	3.66	3.50	0.072	0.38	-9.95	0.4925	7.104	0.007	7.091	7.099	7.103	7.107	7.137	Yes
_OC284751	cn3Tf6L4nkp6iXoKV0	rs6091130	3.82	3.66	-0.073	0.03	5.08	0.175	7.115	0.013	7.095	7.105	7.112	7.121	7.171	
_OC284751	cn3Tf6L4nkp6iXoKV0	rs7269352	4.38	4.20	0.083	0.1	9.15	0.4475	7.115	0.013	7.095	7.105	7.112	7.121	7.171	
_OC286076	TbrJR6SX4eAigotTrk	rs3750203	3.41	3.26	-0.063	4.23	-48.1	0.355	7.278	0.189	7.108	7.159	7.216	7.326	8.707	
_OC286076	TbrJR6SX4eAigotTrk	rs6558383	3.95	3.78	0.078	4.66	-6.44	0.14	7.278	0.189	7.108	7.159	7.216	7.326	8.707	
_OC286076	TbrJR6SX4eAigotTrk	rs11136316	3.95	3.78	-0.078	4.66	-1.76	0.14	7.278	0.189	7.108	7.159	7.216	7.326	8.707	
_OC286076	TbrJR6SX4eAigotTrk	rs7464821	3.56	3.41	0.07	5.09	-0.35	0.16	7.278	0.189	7.108	7.159	7.216	7.326	8.707	
_OC340156	TQUccVPSCJICTee7YI	rs11756522	3.3	3.16	-0.057	2.83	11.97	0.2475	7.233	0.104	7.117	7.169	7.216	7.264	8.256	
_OC340156	TQUccVPSCJICTee7YI	rs2038760	6.34	6.06	0.118	3.36	16.86	0.19	7.233	0.104	7.117	7.169	7.216	7.264	8.256	
_OC352909	9410pX46VX71SkV7o	rs2288419	3.64	3.48	-0.068	2.81	15.23	0.2175	7.158	0.042	7.104	7.132	7.147	7.172	7.396	
_OC389791	ZJN1JRen_eu6XzJfA	rs6478823	3.43	3.28	0.063	2.96	13.94	0.3325	7.764	0.254	7.163	7.59	7.736	7.927	8.471	
_OC400506	f3SHzq6fQAXIV9vSWU	rs1858973	11.93	11.38	-0.225	3.2	17.29	0.1975	7.597	0.162	7.224	7.49	7.582	7.686	8.057	
_OC400506	f3SHzq6fQAXIV9vSWU	rs4782279	11.93	11.38	0.225	3.16	32.65	0.1975	7.597	0.162	7.224	7.49	7.582	7.686	8.057	
_OC400506	f3SHzq6fQAXIV9vSWU	rs8053136	7.86	7.57	-0.152	1.87	40.77	0.2186	7.597	0.162	7.224	7.49	7.582	7.686	8.057	
_OC400566	c9EaGGWHDU0UJ5Xa8	rs4366776	5.98	5.71	-0.12	1.32	-43.67	0.459	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
_OC400566	ff5976WihjeBd_iX8	rs4366776	5.23	5.00	-0.103	1.13	-43.67	0.459	7.879	0.69	7.142	7.294	7.445	8.533	9.752	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	% Variance Explained	GC adj.	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
..OC400566	c9rEaGGWHdU0UJ5Xa8	rs11150880	7.24	6.91	0.144	1.34	-22.77	0.475	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
..OC400566	ff5976WihjleBd_iX8	rs11150880	7.03	6.72	0.139	1.1	-22.77	0.475	7.879	0.69	7.142	7.294	7.445	8.533	9.752	
..OC400566	ff5976WihjleBd_iX8	rs8077538	14.89	14.20	0.291	3.3	-18.6	0.095	7.879	0.69	7.142	7.294	7.445	8.533	9.752	
..OC400566	c9rEaGGWHdU0UJ5Xa8	rs8077538	14.11	13.46	0.279	3.26	-18.6	0.095	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
..OC400566	c9rEaGGWHdU0UJ5Xa8	rs6565724	31.46	29.96	-0.539	5.66	6.46	0.3325	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
..OC400566	ff5976WihjleBd_iX8	rs6565724	27.82	26.50	-0.491	6.16	6.46	0.3325	7.879	0.69	7.142	7.294	7.445	8.533	9.752	
..OC400566	ff5976WihjleBd_iX8	rs11871257	3.95	3.78	0.076	0.35	22.88	0.3525	7.879	0.69	7.142	7.294	7.445	8.533	9.752	
..OC400566	c9rEaGGWHdU0UJ5Xa8	rs11871257	3.38	3.23	0.064	0.17	22.88	0.3525	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
..OC400566	c9rEaGGWHdU0UJ5Xa8	rs8076098	7.43	7.10	0.146	0.97	23.66	0.1275	7.505	0.393	7.101	7.183	7.275	7.811	8.713	
..OC400566	ff5976WihjleBd_iX8	rs8076098	6.2	5.92	0.121	1.03	23.66	0.1275	7.879	0.69	7.142	7.294	7.445	8.533	9.752	
..OC400707	BISkUXuJCEU9KszqXQ	rs8109759	9.91	9.46	-0.188	4.76	-48.1	0.2789	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs2311223	10.26	9.79	0.192	4.54	-45.54	0.2375	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs17728638	3.88	3.72	0.066	1.79	-45.13	0.19	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs11671212	3.66	3.51	0.066	3.52	-44.28	0.395	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs10416550	21.45	20.44	0.368	6.48	-43.5	0.175	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs11083830	3.75	3.59	-0.063	1.49	-30.54	0.195	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs8107491	20.77	19.80	0.358	8.03	-22.6	0.2875	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs877589	22.08	21.04	-0.373	8.1	-15.82	0.3275	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs2288913	9.28	8.86	-0.179	4.52	-13.56	0.3945	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs7254929	26.49	25.23	-0.43	7.35	-6.46	0.2275	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs8112461	14.36	13.69	0.273	4.61	1.62	0.3125	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs6509283	10.19	9.73	0.196	3.36	20.81	0.41	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs10408465	7.41	7.08	-0.133	2.67	25.9	0.22	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC400707	BISkUXuJCEU9KszqXQ	rs3745795	3.93	3.76	-0.069	3.51	30.68	0.32	7.457	0.294	7.136	7.242	7.359	7.579	8.684	
..OC401233	QfyhEI_TcJbggfqkvk	rs3823096	3.47	3.32	0.066	1.42	-4.73	0.42	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs6920375	3.75	3.59	0.072	1.26	1.47	0.475	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs927340	8.95	8.54	0.175	2.44	-0.41	0.1425	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs911536	7.9	7.55	0.155	1.97	3	0.125	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs1885300	10.06	9.60	-0.198	3.92	5	0.2275	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs7762140	14.16	13.50	0.27	4.18	12.53	0.21	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs1040521	27.36	26.06	0.475	8.17	15.48	0.3889	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs7774283	28	26.67	0.482	8.35	17.07	0.385	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs7761969	20.2	19.25	0.375	6.39	25.85	0.3775	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs7765538	8.77	8.37	-0.172	2.74	31.75	0.22	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs7775816	6.43	6.14	0.133	3.49	33.28	0.1784	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs12200314	20.73	19.76	-0.383	7.14	34.56	0.4025	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401233	QfyhEI_TcJbggfqkvk	rs6596945	5.33	5.10	0.103	2.47	47.78	0.18	8.118	0.508	7.143	7.864	8.13	8.44	9.759	
..OC401431	xlkaPVLZAVAl_eX_Xc	rs6464035	8.71	8.31	0.171	0.84	-4.79	0.36	8.25	0.31	7.437	8.037	8.213	8.458	9.215	
..OC401431	xlkaPVLZAVAl_eX_Xc	rs3735333	8.39	8.01	-0.165	0.61	0.3	0.3643	8.25	0.31	7.437	8.037	8.213	8.458	9.215	
..OC401431	xlkaPVLZAVAl_eX_Xc	rs12703055	5.06	4.84	-0.099	1.02	12.03	0.2725	8.25	0.31	7.437	8.037	8.213	8.458	9.215	
..OC401431	xlkaPVLZAVAl_eX_Xc	rs10807976	8.1	7.73	-0.159	0.59	12.29	0.3675	8.25	0.31	7.437	8.037	8.213	8.458	9.215	
..OC402055	KIJ5RSIcCoKec6KBxl	rs9608491	3.59	3.44	-0.069	0.48	-8.86	0.1834	8.222	0.162	7.165	8.136	8.217	8.293	9.118	Yes
..OC402682	l6up6QiuLkl.hvB19w	rs4729616	4.32	4.13	-0.083	2.98	-23.78	0.44	7.242	0.081	7.115	7.18	7.224	7.277	7.591	
..OC402682	l6up6QiuLkl.hvB19w	rs13232524	3.4	3.26	-0.064	2.5	25.52	0.445	7.242	0.081	7.115	7.18	7.224	7.277	7.591	
..OC440993	BqVKOf3SdU17sfUT4	rs2291652	10.24	9.77	-0.201	3.24	39.05	0.42	8.103	0.484	7.144	7.728	8.061	8.447	9.504	
..OC441046	fn4CQqkEiC0nHp0pBI	rs1510881	26.23	24.99	-0.466	5.76	-41.54	0.203	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs7698480	4.01	3.84	0.08	1.59	-27.12	0.3923	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs924233	3.4	3.25	0.065	1.34	-0.61	0.4075	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs2323187	3.72	3.56	-0.072	1.34	10.57	0.41	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs17017927	24.17	23.03	-0.436	5.98	18.59	0.21	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs10032932	6.11	5.84	0.12	4.11	25.94	0.16	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
..OC441046	fn4CQqkEiC0nHp0pBI	rs2132935	6.11	5.84	-0.12	4.11	33.27	0.16	7.489	0.201	7.119	7.36	7.442	7.599	8.139	
LOC51057	lkk4HqEd6lFLn80k4k	rs1517405	7.57	7.23	-0.152	3.71	-24.81	0.3325	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs6545986	7.75	7.40	-0.156	3.72	-15.27	0.3325	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs7585664	7.34	7.01	-0.148	3.98	8.33	0.3182	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs1878507	4.83	4.62	-0.095	3.49	33.03	0.4625	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs2421885	4.83	4.62	0.095	3.49	36.66	0.4625	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs13028443	4.44	4.25	-0.086	3.37	63.34	0.4675	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs4671506	3.35	3.21	-0.065	0.73	104.65	0.4242	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs959195	6.24	5.96	0.127	2.33	-11.49	0.325	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51057	lkk4HqEd6lFLn80k4k	rs262494	5.65	5.41	0.113	1.6	29.87	0.28	7.328	0.102	7.128	7.263	7.317	7.388	7.673	
LOC51233	Qq1Un_Veit0Nd3E940	rs9680742	3.94	3.77	-0.073	4.33	-7.77	0.25	7.241	0.108	7.11	7.157	7.216	7.289	7.801	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
LOC51233	Qq1Un_Veit0Nd3E94o	rs12167140	4.03	3.85	-0.075	4.44	-3.46	0.2525	7.241	0.108	7.11	7.157	7.216	7.289	7.801	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs749401	17.97	17.13	-0.342	6.37	-39.8	0.2325	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs226201	12.28	11.71	0.243	4.37	-29.32	0.3813	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs226206	18.86	17.98	0.358	7.12	-8.15	0.28	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs226205	17.57	16.74	-0.339	6.52	-7.51	0.2312	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs2215128	5.92	5.66	0.119	2.13	-6.08	0.3875	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs658912	8.58	8.19	-0.17	3.51	-1.67	0.335	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs224804	9.72	9.27	-0.191	3.51	3.91	0.3925	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs1354123	11.36	10.84	0.227	4.53	23.47	0.355	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs7734188	11.79	11.24	-0.235	5.15	33.43	0.35	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs10514238	11.78	11.24	0.234	4.52	34.27	0.2875	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs17247678	17.31	16.50	-0.332	5.3	38.63	0.23	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC92270	Z_U0Kqjh8UCVCHmXXU	rs224816	8.58	8.20	0.174	2.92	47.85	0.4425	7.381	0.162	7.135	7.26	7.349	7.48	8.226	
LOC93622	ZQnpTqrVAS09SnyOOE	rs11946525	4.3	4.22	-0.084	2.01	-2.17	0.0575	9.722	0.311	8.971	9.492	9.721	9.924	10.574	
LOH3CR2A	9Y3XrePX_rdw6AeQo	rs9836284	3.36	3.12	-0.056	1.44	-29.6	0.4525	7.136	0.049	7.1	7.115	7.124	7.141	7.666	
LPAL2	c3O.qDqAoxapCCKFHs	rs4709432	3.44	3.29	-0.065	2.9	-33.91	0.15	7.216	0.078	7.104	7.162	7.2	7.25	7.528	Yes
LPAL2	c3O.qDqAoxapCCKFHs	rs3127602	4.73	4.52	-0.089	2.3	4.4	0.2462	7.216	0.078	7.104	7.162	7.2	7.25	7.528	Yes
LPAL2	c3O.qDqAoxapCCKFHs	rs3123629	3.45	3.31	0.062	1.77	18.25	0.25	7.216	0.078	7.104	7.162	7.2	7.25	7.528	Yes
LPAR1	Ef7_Kh281J36yUReQ4	rs7873139	3.95	3.78	0.071	1.7	38.6	0.4325	7.401	0.36	7.098	7.144	7.243	7.565	9.097	
LPAR1	Ef7_Kh281J36yUReQ4	rs10817141	3.95	3.78	0.071	1.7	41.03	0.4325	7.401	0.36	7.098	7.144	7.243	7.565	9.097	
LPAR5	3VKk87Euf.PHuqlqS4	rs1045553	3.73	3.58	-0.068	1.16	2.01	0.1925	8.405	0.394	7.552	8.134	8.375	8.645	9.339	
LPCAT2	QhBVdRZSwwL.SV4Ak4l	rs243840	3.83	3.67	0.071	0.39	-14.8	0.17	7.253	0.153	7.104	7.159	7.202	7.291	7.993	
LRAP	9B_kndfTmPllbUCqSQ	rs411135	6.27	5.99	-0.124	2.32	-49.24	0.44	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs152468	3.8	3.64	-0.074	2.83	-47.73	0.1475	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs10476692	3.43	3.29	-0.065	0.31	-45.37	0.0725	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs845028	3.94	3.78	-0.076	1.82	-45.05	0.2125	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2042381	7.35	7.02	0.149	3.8	-26.6	0.2889	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2911134	8.97	8.57	0.177	4.22	-11.91	0.3575	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2549778	28.7	27.33	0.486	8.44	-11.01	0.4025	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs4092590	5.93	5.67	0.119	4.29	-10.97	0.1675	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs3733904	5.2	4.98	-0.101	2.19	0.9	0.2387	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2549779	18.08	17.24	-0.337	7.13	1.12	0.49	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs4869315	27.88	26.56	0.479	11.57	14	0.44	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2549782	41.6	39.61	-0.63	13.31	15.73	0.4924	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2161657	43.11	41.04	-0.641	14.63	17.54	0.495	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs2549796	41.47	39.48	-0.627	14.29	-8.3	0.49	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRAP	9B_kndfTmPllbUCqSQ	rs1981846	41.89	39.88	-0.632	13.86	15.22	0.4899	10.631	1.12	8.313	9.388	11.041	11.473	12.697	
LRDD	uUjPVS6OpIIVF9C3dQ	rs10902222	3.53	3.38	0.069	1.51	5.64	0.3325	9.347	0.388	8.408	9.079	9.343	9.591	10.711	
LRFN2	3vxNSoS.bdXtDpdu1U	rs4145198	7.75	7.40	-0.147	5.83	-7.47	0.265	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRFN2	3vxNSoS.bdXtDpdu1U	rs934465	4.34	4.15	-0.082	3.13	11.13	0.39	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRFN2	3vxNSoS.bdXtDpdu1U	rs2033527	6.95	6.64	-0.132	6.33	20.96	0.3	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRFN2	3vxNSoS.bdXtDpdu1U	rs6925172	4.52	4.33	-0.086	3.25	32.19	0.145	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRFN2	3vxNSoS.bdXtDpdu1U	rs6931355	6.03	5.76	0.115	4.19	35.1	0.26	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRFN2	3vxNSoS.bdXtDpdu1U	rs6941669	4.1	3.93	0.077	4.65	46.89	0.2222	7.141	0.049	7.096	7.116	7.128	7.148	7.43	
LRIG1	oghHieoegKElIfer3qw	rs9829376	3.52	3.37	0.066	1.09	-18.82	0.4025	9.5	0.476	8.194	9.12	9.53	9.88	10.595	
LRIG1	oghHieoegKElIfer3qw	rs7627907	4.08	3.91	0.078	1.3	-2.31	0.365	9.5	0.476	8.194	9.12	9.53	9.88	10.595	
LRIG1	oghHieoegKElIfer3qw	rs12633819	3.99	3.82	0.075	0.97	19.09	0.3575	9.5	0.476	8.194	9.12	9.53	9.88	10.595	
LRRC1	fdMOLku0h7lx3jrO5Q	rs9474647	5.72	5.47	-0.114	3.47	-40.77	0.17	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs4715423	4.05	4.05	0.084	2.53	-8.12	0.4462	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs4342426	9.61	9.17	0.197	4.46	5.41	0.3825	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs4486000	6.6	6.31	-0.133	4.47	25.98	0.24	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs3003489	4.61	4.41	-0.092	2.07	31.48	0.1425	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs9370236	9.61	9.17	-0.197	4.46	-64.57	0.3825	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs6458972	4.58	4.38	-0.091	2.26	-33.54	0.145	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs1883632	10.84	10.34	0.216	5.31	-8.41	0.425	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs9474687	7	6.68	-0.141	5.31	6.64	0.235	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs10948787	7	6.68	-0.141	5.52	13.46	0.235	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC1	fdMOLku0h7lx3jrO5Q	rs11751301	7.14	6.82	-0.143	5.73	40.14	0.2375	7.993	0.214	7.256	7.857	7.99	8.147	8.626	
LRRC14	uBEr6SiLdptLYiUIID4	rs1063739	3.73	3.57	0.068	1.7	-13.66	0.4775	9.476	0.359	8.584	9.244	9.464	9.721	10.639	
LRRC14	uBEr6SiLdptLYiUIID4	rs3757966	3.54	3.39	0.064	1.43	1.23	0.475	9.476	0.359	8.584	9.244	9.464	9.721	10.639	
LRRC16	HkxTQYkSciEi4IKVOK	rs7764258	3.63	3.48	-0.069	1.5	43.04	0.1859	7.461	0.201	7.125	7.317	7.433	7.573	8.428	
LRRC16	HkxTQYkSciEi4IKVOK	rs1983578	4.05	3.87	0.078	1.72	57.7	0.3975	7.461	0.201	7.125	7.317	7.433	7.573	8.428	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10), GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
LRRC16	HkxTQYkScIEi4IKVOK	rs1983579	3.71	3.55	0.07	1.63	57.86	0.405	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs2206194	4.84	4.63	0.094	2.4	60.7	0.4825	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs2744229	3.5	3.35	-0.066	1.54	61.8	0.395	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs11759658	5.44	5.21	-0.107	2.93	79.77	0.3417	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs716797	4.03	3.86	0.078	1.25	113.53	0.4623	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs17317669	6.22	5.95	-0.121	2.92	126.25	0.2975	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs4368803	4.08	3.91	0.078	3.16	130.3	0.3175	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC16	HkxTQYkScIEi4IKVOK	rs9358854	5.05	4.83	-0.098	3.5	131.69	0.3125	7.461	0.201	7.125	7.317	7.433	7.573	8.428
LRRC23	Z6yi6_ilmCmnu9o8	rs2238114	11.38	10.86	-0.225	4.5	-48.21	0.3141	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs2238114	5.21	4.98	-0.106	1.71	-48.21	0.3141	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC23	Z6yi6_ilmCmnu9o8	rs2040352	14.9	14.21	-0.291	4.28	-6.95	0.28	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs2040352	7.83	7.48	-0.163	1.79	-6.95	0.28	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC23	Z6yi6_ilmCmnu9o8	rs2301137	14.98	14.28	0.291	4.22	-4.46	0.275	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs2301137	7.46	7.13	0.155	1.18	-4.46	0.275	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC23	Z6yi6_ilmCmnu9o8	rs710415	13.94	13.30	0.27	3.99	-0.28	0.285	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs710415	6.56	6.27	0.134	0.9	-0.28	0.285	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC23	Z6yi6_ilmCmnu9o8	rs7303722	7.39	7.06	-0.149	3.24	10.42	0.2412	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs7303722	4.09	3.91	-0.082	1.21	10.42	0.2412	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC23	Z6yi6_ilmCmnu9o8	rs1044189	8.98	8.57	0.176	2.84	29.74	0.3075	8.539	0.34	7.598	8.301	8.487	8.736	9.636
LRRC23	Km4XoFYETPjckkvcl0	rs1044189	5.84	5.58	0.117	1.39	29.74	0.3075	7.312	0.106	7.104	7.231	7.305	7.376	7.648
LRRC3	BVoseqPjv0KUNDqOYF	rs743491	3.66	3.51	0.071	0.58	-6.03	0.1425	7.181	0.046	7.11	7.151	7.173	7.207	7.373
LRRC3	BVoseqPjv0KUNDqOYF	rs2838572	3.55	3.40	-0.069	2.24	23.58	0.465	7.181	0.046	7.11	7.151	7.173	7.207	7.373
LRRC45	TXmZpqv6AxJm.kf7jA	rs9912335	4.36	4.17	0.084	1.51	-21.62	0.32	9.171	0.301	8.283	8.963	9.183	9.358	10.411
LRRC56	ldd_mShlWgVAUE.Unc	rs7930593	3.46	3.31	0.065	2.86	-35.51	0.355	7.954	0.224	7.332	7.813	7.971	8.095	8.493
LRRC56	ldd_mShlWgVAUE.Unc	rs12420868	6.54	6.25	-0.126	1.98	-25.72	0.1775	7.954	0.224	7.332	7.813	7.971	8.095	8.493
LRRC6	0FC4oIVBf4IQV4L1k	rs4480107	5.59	5.34	0.118	2.33	45.17	0.495	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs6471091	12.46	11.89	0.257	5.09	10.2	0.4874	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs10097529	5.59	5.35	0.114	4.66	16.9	0.165	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs4736424	3.29	3.15	0.065	0.58	25.3	0.325	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs3843561	5.58	5.33	-0.112	2.03	26.67	0.2136	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs2280871	10.36	9.88	-0.209	5.64	34.86	0.1575	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs10110952	14.53	13.85	-0.3	4.6	37.91	0.4975	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs1593398	4.59	4.39	-0.095	0.6	38.81	0.3725	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs7011665	14.49	13.82	0.296	4.82	41.17	0.4975	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs2052701	3.5	3.35	0.069	0.48	43.98	0.35	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC6	0FC4oIVBf4IQV4L1k	rs10283307	9.49	9.05	-0.195	4.19	49.99	0.1475	7.457	0.141	7.161	7.362	7.45	7.55	7.919
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs1215494	4.11	3.93	0.074	1.08	-31.96	0.3675	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs10493823	6.27	6.00	0.118	3.09	-31.41	0.4825	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs1885745	4.54	4.35	0.086	1.39	-29.12	0.39	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs1215512	5.61	5.36	0.105	1.82	-11.25	0.4325	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs6428561	3.67	3.51	0.066	1.62	3.86	0.4825	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs10493829	3.87	3.71	0.07	1.77	19.07	0.485	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs10922690	9.87	9.42	-0.191	2.73	33.31	0.3618	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs6693717	9.95	9.49	-0.191	2.72	33.72	0.36	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs2185196	9.73	9.29	-0.187	2.52	33.82	0.3625	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs4658309	9.73	9.29	0.187	2.63	-37.35	0.3625	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs1343779	15.72	14.99	-0.292	3.19	-21.86	0.3575	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs4593805	15.25	14.54	-0.286	2.95	-16.5	0.3568	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs7548762	3.92	3.76	0.073	1.15	18.03	0.185	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs2146338	5.35	5.35	-0.101	1.37	40.55	0.4774	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8C	H4DXV14Hq4e2p3gmJ4	rs473412	5.64	5.19	-0.107	1.34	47.07	0.4725	10.502	0.359	9.062	10.284	10.538	10.747	11.325
LRRC8D	Imp__6CNF__MV5R2C0	rs4658340	3.93	3.76	0.076	2.54	40.04	0.295	10.346	0.246	8.592	10.245	10.357	10.474	10.887
LRRC8D	Imp__6CNF__MV5R2C0	rs2802031	3.93	3.76	0.076	2.54	52.16	0.295	10.346	0.246	8.592	10.245	10.357	10.474	10.887
LRRC8D	Imp__6CNF__MV5R2C0	rs2802028	3.42	3.27	0.066	2.16	-38.95	0.3225	10.346	0.246	8.592	10.245	10.357	10.474	10.887
LRRC8D	Imp__6CNF__MV5R2C0	rs1078513	3.56	3.41	-0.066	0.76	-7.77	0.1425	7.248	0.159	7.103	7.146	7.188	7.301	8.134
LSM8	inLn3AL51ckelrurKw	rs979652	8.05	7.69	0.161	2.87	4.97	0.3475	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs10487390	8.05	7.69	0.161	2.88	15.5	0.3475	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs11486992	8.03	7.67	0.163	2.31	17.13	0.3485	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs17141053	6.39	6.11	-0.129	2.69	21.59	0.49	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs2058418	5.39	5.15	-0.107	2.92	23.41	0.4548	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs917761	8.69	8.29	-0.174	3.15	26.17	0.3775	8.38	0.246	7.719	8.218	8.388	8.557	8.874
LSM8	inLn3AL51ckelrurKw	rs769435	5.3	5.07	-0.104	3.08	29.36	0.455	8.38	0.246	7.719	8.218	8.388	8.557	8.874

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	Minimum	25th	Median		75th
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation		percentile	percentile	percentile			
LSM8	inLn3AL51ckelrurKw	rs2286865	6.24	5.96	-0.125	2.91	31.76	0.5	8.38	0.246	7.719	8.218	8.388	8.557	8.874	
LSS	65Kn60nl70u0EFV5E0	rs2075906	4.85	4.64	0.092	4.5	16.5	0.165	8.903	0.404	8.026	8.618	8.889	9.139	10.03	
LSS	65Kn60nl70u0EFV5E0	rs2839156	4.16	3.98	0.077	4.49	-7.5	0.16	8.903	0.404	8.026	8.618	8.889	9.139	10.03	
LSS	VW4TnfhAoRRQiiOkns	rs16979001	5.75	5.50	-0.108	3.23	5.61	0.055	7.745	0.254	7.267	7.57	7.738	7.879	9.614	
LSS	65Kn60nl70u0EFV5E0	rs2839168	3.81	3.65	-0.072	1.44	12.92	0.415	8.903	0.404	8.026	8.618	8.889	9.139	10.03	
LSS	65Kn60nl70u0EFV5E0	rs2839182	4.13	3.95	0.077	4.68	37.46	0.16	8.903	0.404	8.026	8.618	8.889	9.139	10.03	
LXN	fiPPV6QQQvd6TUQxpE	rs7624934	3.36	3.21	0.063	0.94	-0.71	0.425	8.917	0.269	7.319	8.792	8.957	9.098	9.46	
LXN	fiPPV6QQQvd6TUQxpE	rs9842500	3.36	3.21	0.063	0.94	7.8	0.425	8.917	0.269	7.319	8.792	8.957	9.098	9.46	
LXN	fiPPV6QQQvd6TUQxpE	rs17699324	4.3	4.11	-0.084	1.42	34.08	0.285	8.917	0.269	7.319	8.792	8.957	9.098	9.46	
LXN	fiPPV6QQQvd6TUQxpE	rs2307064	3.74	3.58	-0.072	1.35	38.16	0.2925	8.917	0.269	7.319	8.792	8.957	9.098	9.46	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs2242660	8.33	7.95	0.16	3.9	-46.71	0.3813	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs1046089	6.62	6.33	0.129	3.77	-41.49	0.35	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs1077394	5.2	4.97	0.099	1.54	-34.08	0.35	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs1077393	8.24	7.87	0.161	2.55	-33.93	0.4774	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs1052486	8.21	7.84	0.16	2.39	-33.77	0.4774	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs2844463	3.9	3.74	0.07	2.47	-29.29	0.135	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs805303	8.02	7.66	0.152	4.45	-28.09	0.37	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs805262	6.48	6.19	0.124	1.96	-15.73	0.45	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs2280800	4.57	4.38	0.086	4.1	-1.74	0.15	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs805274	9.84	9.39	0.186	6.11	17.05	0.2875	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	rogFRIRQu3qxF7Uo50	rs805274	3.63	3.47	0.069	4.03	17.05	0.2875	7.161	0.037	7.102	7.132	7.153	7.18	7.274	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs9267546	4.89	4.68	0.091	2.47	25.3	0.1091	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs2242653	3.48	3.33	0.063	2.57	27.62	0.1625	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs805286	6.77	6.47	-0.131	4.98	31.17	0.2764	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs385306	5.44	5.20	0.104	3	33.02	0.2372	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs1065356	5.85	5.59	0.109	4.06	38.87	0.23	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LY6G5C	6fr4ZX0kR8ecd7FVJU	rs805294	5.17	4.95	-0.096	3.25	40.08	0.3475	7.922	0.188	7.166	7.793	7.916	8.034	8.562	
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2076932	14.68	14.00	0.29	4.79	-33.22	0.42	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs829597	4.15	3.97	0.083	1.13	-31.66	0.1275	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs829699	6.08	5.81	-0.123	2.98	-26.33	0.4475	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs711237	7.54	7.20	0.154	3.2	-20.92	0.3	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs829697	7.01	6.69	-0.148	2.13	-17.68	0.0955	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs6727836	5.6	5.35	0.112	2.4	-15.82	0.3325	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs1662955	25.89	24.66	-0.475	6.97	0.84	0.2175	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs1612616	25.89	24.66	0.475	6.98	6.29	0.2175	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs711241	7.31	6.98	0.153	1.9	31.59	0.1025	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs1723167	25.23	24.03	-0.464	7.05	44.51	0.215	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs1880540	8.43	8.05	-0.173	4.13	51.37	0.4475	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs1252627	7.31	6.98	-0.153	1.9	80.34	0.1025	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs10495776	6.9	6.59	-0.141	2.27	97.39	0.2889	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs11692096	7.31	6.98	-0.153	2.37	-97.99	0.1025	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs6712951	5.9	5.64	-0.118	1.89	-96.36	0.3075	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs10203381	5.61	5.36	0.113	2.22	-92.1	0.28	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs12621663	4.55	4.36	0.09	1.81	-82.55	0.3125	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs4952151	16.43	15.66	0.331	5.83	-70.42	0.1231	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2363851	15.58	14.86	0.31	5.27	-61.46	0.115	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs11895131	6.27	5.99	-0.131	1.91	-31.18	0.095	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs10200895	15.58	14.86	-0.31	5.27	-25.98	0.115	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2609920	6.04	5.77	-0.128	1.41	-17.98	0.0985	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs12613783	4.6	4.40	-0.092	1.51	-8.36	0.3325	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs12471868	15.58	14.86	0.31	5.27	-3.98	0.115	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs11127284	7.55	7.21	0.154	2.84	6.02	0.305	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2602777	3.64	3.49	0.072	1.4	12.43	0.285	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2602772	5.75	5.49	-0.117	3.3	18.17	0.195	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs6739960	5.33	5.10	0.109	3.39	22.2	0.21	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs2609934	5.59	5.34	-0.115	2.67	28.89	0.1959	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYCAT	6dwbogOJ9OeKy6_Xyl	rs6719376	3.9	3.73	-0.077	1.87	33.48	0.21	9.218	0.502	7.171	8.854	9.189	9.504	10.707	Yes
LYPLAL1	WTJl3eN9eTpOrj3oQo	rs6699816	3.82	3.66	0.077	1.19	8.57	0.1332	8.345	0.355	7.112	8.155	8.39	8.572	9.198	
LYRM4	QFrlQN6euhJf6lvog	rs438934	5.1	4.88	0.099	0.79	1.48	0.2975	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrlQN6euhJf6lvog	rs12195956	3.96	3.79	-0.075	1.12	3.03	0.2	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrlQN6euhJf6lvog	rs464681	3.79	3.63	0.071	2.24	7.71	0.495	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrlQN6euhJf6lvog	rs11242992	4.74	4.53	-0.092	2.4	21.41	0.3175	8.706	0.316	8.02	8.47	8.696	8.925	9.473	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
LYRM4	QFrIQN6euhJF6lvog	rs464606	5.57	5.32	-0.11	1.84	21.78	0.3869	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrIQN6euhJF6lvog	rs385315	4.04	3.86	0.076	2.13	23.89	0.4975	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrIQN6euhJF6lvog	rs460416	5.97	5.70	0.117	1.28	29.12	0.2526	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrIQN6euhJF6lvog	rs457453	4.19	4.01	0.079	2.31	29.27	0.4425	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYRM4	QFrIQN6euhJF6lvog	rs6597115	4.88	4.67	-0.095	1.15	34.19	0.2	8.706	0.316	8.02	8.47	8.696	8.925	9.473	
LYST	ck6CIUv2_ScXqCGvna	rs7535375	3.73	3.57	-0.073	0.96	-9.32	0.4075	7.104	0.006	7.09	7.1	7.103	7.107	7.127	Yes
LYST	ck6CIUv2_ScXqCGvna	rs6696123	3.9	3.74	0.077	0.97	22.82	0.41	7.104	0.006	7.09	7.1	7.103	7.107	7.127	Yes
LYST	ck6CIUv2_ScXqCGvna	rs6692303	4.08	3.90	0.081	0.97	-49.63	0.41	7.104	0.006	7.09	7.1	7.103	7.107	7.127	Yes
MAD2L1BP	6meDRU3r_ici_fxrl	rs1617105	4.88	4.67	-0.094	1.64	4.49	0.2925	9.085	0.274	8.407	8.897	9.086	9.26	9.68	
MAML3	0Sq6qnU83.AJ9dQOdI	rs17050873	3.47	3.33	0.066	1.73	-6.41	0.07	7.411	0.122	7.187	7.316	7.403	7.482	7.866	
MAML3	0Sq6qnU83.AJ9dQOdI	rs17286383	4.5	4.31	-0.088	2.4	13.68	0.0675	7.411	0.122	7.187	7.316	7.403	7.482	7.866	
MAML3	0Sq6qnU83.AJ9dQOdI	rs12646059	4.31	4.12	-0.082	2.34	30.55	0.135	7.411	0.122	7.187	7.316	7.403	7.482	7.866	
MAN1A2	QSGfdCo4ohIFXH1C50	rs3767793	3.33	3.19	0.063	1.52	26.02	0.3564	7.813	0.149	7.215	7.727	7.811	7.908	8.359	
MAN2A1	9i0RfTRzX45PRdWkdI	rs31597	4.86	4.64	-0.096	1.54	-17.6	0.3125	11.141	0.351	10.358	10.932	11.078	11.306	12.526	
MAN2C1	x9Que1e_dufSXWUR4s	rs9972533	3.43	3.28	0.064	0.44	9.14	0.1288	10.464	0.594	9.279	9.994	10.388	10.831	13.124	
MAN2C1	x9Que1e_dufSXWUR4s	rs4886699	9.41	8.98	0.184	2.78	31.36	0.2638	10.464	0.594	9.279	9.994	10.388	10.831	13.124	
MAP2K6	i55NrQAdR_Tgj5GXK	rs1972933	3.61	3.46	0.069	0.41	29.97	0.5	7.458	0.188	7.107	7.301	7.461	7.6	7.864	
MAP3K2	3kl0CDxv1QDtlLning	rs1143407	18.38	17.52	0.344	6.22	-39.89	0.2286	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K2	3kl0CDxv1QDtlLning	rs1011019	4.24	4.06	-0.082	0.36	-26.22	0.26	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K2	3kl0CDxv1QDtlLning	rs7556675	4.24	4.06	-0.082	0.36	-10.03	0.26	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K2	3kl0CDxv1QDtlLning	rs3732209	3.74	3.58	0.072	0.13	16.03	0.2868	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K2	3kl0CDxv1QDtlLning	rs4662721	20.06	19.12	-0.372	6.57	1.61	0.2362	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K2	3kl0CDxv1QDtlLning	rs2139142	20.13	19.18	-0.372	6.42	30.96	0.235	8.89	0.474	7.11	8.585	8.915	9.26	10.341	Yes
MAP3K4	6uU8ceXGhTZd7ddb0	rs2293287	3.72	3.57	0.07	0.94	12.61	0.075	10.105	0.304	9.348	9.87	10.103	10.325	11.167	
MAP3K4	6uU8ceXGhTZd7ddb0	rs3734462	3.79	3.63	0.07	0.51	19.25	0.1725	10.105	0.304	9.348	9.87	10.103	10.325	11.167	
MAP6D1	fIQJu581Cq9Jz14fRo	rs262957	13	12.40	0.248	3.94	-47.37	0.4575	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs263009	6.64	6.35	0.128	4.23	-36.55	0.3575	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs263044	13.25	12.64	-0.252	3.96	-15.67	0.455	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs2278968	7.81	7.46	0.153	3.78	-12.07	0.34	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs263025	13	12.40	0.248	3.94	-6.05	0.4575	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs2582093	11.3	10.78	-0.218	4.64	-0.29	0.34	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs897604	8.58	8.19	-0.167	3.62	2.09	0.4775	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs894000	6.61	6.32	0.128	4.32	2.39	0.3575	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs2606228	5.31	5.08	-0.103	3.49	4.09	0.3535	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAP6D1	fIQJu581Cq9Jz14fRo	rs3749446	3.8	3.64	-0.07	2.04	42.64	0.345	7.974	0.263	7.388	7.789	7.951	8.14	8.886	
MAPK14	TUn0kjm3hKBFVZ83Q	rs969659	3.92	3.75	0.078	1.84	-32.59	0.495	7.491	0.16	7.133	7.378	7.476	7.59	8.045	
MAPK14	TUn0kjm3hKBFVZ83Q	rs851019	3.78	3.62	-0.075	1.92	18.59	0.4397	7.491	0.16	7.133	7.378	7.476	7.59	8.045	
MAPK14	TUn0kjm3hKBFVZ83Q	rs664367	3.47	3.32	-0.069	1.7	23.65	0.4369	7.491	0.16	7.133	7.378	7.476	7.59	8.045	
MAPK14	TUn0kjm3hKBFVZ83Q	rs851010	3.81	3.65	-0.076	2.27	-37.1	0.44	7.491	0.16	7.133	7.378	7.476	7.59	8.045	
MASTL	ioeoA3kk0hzi.TVUII	rs1753415	5.3	5.06	-0.106	2.25	-49.19	0.1575	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs12255977	3.53	3.38	0.064	0.66	-25.09	0.16	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs10829194	3.53	3.38	0.064	0.66	-18.85	0.16	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs2274634	3.74	3.58	0.068	0.7	-9.81	0.1625	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs3780926	10.81	10.32	0.207	3.5	-8	0.3275	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs1775350	5.3	5.06	-0.106	2.25	-2.32	0.1575	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs6482601	5.12	4.90	-0.096	2.15	-11.25	0.4125	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs7091128	11.29	10.77	-0.217	3.83	-9.38	0.32	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs4747589	5.05	4.83	0.099	2.87	14.38	0.2526	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MASTL	ioeoA3kk0hzi.TVUII	rs10764690	5.63	5.38	-0.105	2.94	32.91	0.48	7.658	0.213	7.124	7.51	7.665	7.786	8.432	
MATN2	6e6EQfn3i015fLuQ3Q	rs2449545	4.63	4.43	0.09	1.5	-35.09	0.1775	7.362	0.196	7.098	7.215	7.328	7.458	7.991	
MATN2	6e6EQfn3i015fLuQ3Q	rs2449520	3.67	3.51	-0.069	1.19	-30.21	0.191	7.362	0.196	7.098	7.215	7.328	7.458	7.991	
MATN2	6e6EQfn3i015fLuQ3Q	rs10504983	8.48	8.09	-0.167	4.39	-15.25	0.17	7.362	0.196	7.098	7.215	7.328	7.458	7.991	
MBP	KEak1_HU2pn3_muEqs	rs2051344	6.57	6.28	-0.139	0.53	-13.4	0.355	9.214	0.57	7.259	8.956	9.201	9.611	10.809	
MBP	KEak1_HU2pn3_muEqs	rs7232502	6.88	6.57	0.145	0.3	-1.44	0.37	9.214	0.57	7.259	8.956	9.201	9.611	10.809	
MBP	KEak1_HU2pn3_muEqs	rs4890876	3.46	3.31	0.068	0.37	3.03	0.4121	9.214	0.57	7.259	8.956	9.201	9.611	10.809	
MCM10	oq6CuezcH7vXXCvO1w	rs2281797	3.3	3.16	0.061	0.43	11.18	0.2638	7.17	0.065	7.105	7.133	7.149	7.187	7.571	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs13219089	3.93	3.76	-0.073	2.13	-19.08	0.103	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs12665609	4.01	3.83	-0.076	2.24	-13.8	0.1675	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs9366942	3.35	3.21	0.064	1.2	-9.98	0.2487	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs12191311	9.47	9.04	-0.184	4.38	3.42	0.455	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs10947686	10.64	10.15	0.206	4.72	6.52	0.49	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs4714089	17.96	17.12	-0.342	4.25	10.62	0.3475	7.389	0.214	7.13	7.224	7.324	7.51	8.227	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MDGA1	ft1FUI3vVT_Xd.RdQk	rs7745284	7.69	7.34	-0.16	3.18	15.79	0.3375	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs9462343	9.65	9.21	-0.192	2.71	20.49	0.18	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs3846876	18.47	17.60	0.353	4.73	24.39	0.3232	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6922589	4.45	4.26	0.086	1.87	27.34	0.1475	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs4711509	19.28	18.38	-0.365	4.91	29.11	0.325	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs10947690	7.22	6.90	-0.142	5.1	31.48	0.2925	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6925749	14.91	14.21	0.28	4.16	32.74	0.23	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs4714092	10.23	9.76	-0.197	3.2	-21.71	0.2337	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs10947692	6.11	5.84	0.118	2.03	-21.5	0.3475	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs989713	11.32	10.80	-0.217	3.1	-16.05	0.22	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs11752386	4.72	4.52	0.092	3.43	-15.13	0.2025	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6916856	9.85	9.40	-0.202	6.63	-5.65	0.3675	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6458011	15.96	15.22	-0.297	4.55	-4.9	0.33	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs10947693	5.82	5.56	0.115	3.18	-1.54	0.2423	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6938061	18.13	17.28	-0.348	7.74	8.57	0.4675	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs4714100	5.43	5.19	-0.107	3.09	17.07	0.2538	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
MDGA1	ft1FUI3vVT_Xd.RdQk	rs6458014	5.51	5.27	0.109	2.08	22.39	0.4275	7.389	0.214	7.13	7.224	7.324	7.51	8.227	
ME3	oZsQEEXp9ccVllwoQo	rs1540082	3.47	3.32	0.065	1.91	-81.71	0.2575	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs4382935	3.37	3.22	-0.061	2.26	-80.1	0.485	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs10400291	4.17	3.99	-0.079	1.64	-79.37	0.2225	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs6592301	5.01	4.79	0.095	1.3	-64.52	0.3625	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs4245423	4.93	4.71	0.094	1.16	-62.43	0.3618	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs4944603	5.01	4.79	-0.095	1.32	-61.85	0.3625	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs7120052	3.99	3.82	-0.075	1.84	-47.97	0.1925	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs7105863	5.91	5.65	-0.113	1.74	-47.87	0.3475	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs1894012	4.13	3.95	-0.078	1.64	-43.56	0.2161	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs7123010	5.21	4.99	-0.103	2.6	-42.24	0.3214	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs10501627	3.57	3.42	-0.065	3.49	-31.93	0.435	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs1938921	4.82	4.61	0.092	0.93	-29.51	0.215	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
ME3	oZsQEEXp9ccVllwoQo	rs746490	4.75	4.55	0.09	1.41	22.66	0.06	7.612	0.315	7.132	7.367	7.563	7.824	9.161	Yes
MED16	ioSTXnfWXnRQnejec	rs1651895	3.36	3.21	-0.066	1.08	-1.94	0.2475	8.808	0.625	7.106	8.5	8.715	9.101	10.684	
MED16	i12v1_XRWalmeBehCQ	rs13090	3.75	3.59	0.073	1.89	0.15	0.28	10.65	0.373	9.612	10.408	10.647	10.882	12.058	
MED16	ioSTXnfWXnRQnejec	rs13090	3.32	3.18	0.064	0.74	0.15	0.28	8.808	0.625	7.106	8.5	8.715	9.101	10.684	
MED16	i12v1_XRWalmeBehCQ	rs1683591	3.51	3.37	0.067	1.52	1.07	0.2825	10.65	0.373	9.612	10.408	10.647	10.882	12.058	
MED16	ioSTXnfWXnRQnejec	rs1683591	3.29	3.15	0.063	0.99	1.07	0.2825	8.808	0.625	7.106	8.5	8.715	9.101	10.684	
MED16	ioSTXnfWXnRQnejec	rs2965292	3.53	3.38	0.069	0.92	-2.37	0.2487	8.808	0.625	7.106	8.5	8.715	9.101	10.684	
MED16	i12v1_XRWalmeBehCQ	rs2965292	3.41	3.27	0.066	1.94	-2.37	0.2487	10.65	0.373	9.612	10.408	10.647	10.882	12.058	
MED4	BkFP31fRfXffEvVSio	rs1410116	24.87	23.70	-0.454	3.93	16.68	0.0653	9.849	0.327	9.201	9.632	9.827	9.991	10.9	
MED4	BkFP31fRfXffEvVSio	rs9526450	8.29	7.92	0.177	1.73	29.55	0.135	9.849	0.327	9.201	9.632	9.827	9.991	10.9	
MED4	BkFP31fRfXffEvVSio	rs9526455	25.79	24.57	-0.47	3.95	43.23	0.0603	9.849	0.327	9.201	9.632	9.827	9.991	10.9	
MED4	BkFP31fRfXffEvVSio	rs7317685	25.81	24.59	-0.469	3.93	46.51	0.06	9.849	0.327	9.201	9.632	9.827	9.991	10.9	
MED4	BkFP31fRfXffEvVSio	rs7325115	20.45	19.49	0.394	4.14	47.78	0.075	9.849	0.327	9.201	9.632	9.827	9.991	10.9	
MEIS2	0ep5_7d4D4QoZKg1k	rs8033784	3.32	3.18	0.068	0.44	-13.37	0.14	7.133	0.028	7.105	7.118	7.125	7.14	7.318	
MEIS2	0ep5_7d4D4QoZKg1k	rs8036552	4.88	4.66	-0.098	0.96	-11.6	0.105	7.133	0.028	7.105	7.118	7.125	7.14	7.318	
MEOX1	xnrnkiorQbi.o3fsZl	rs1320304	3.37	3.23	-0.062	0.87	-43.77	0.4447	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs536652	4.82	4.61	-0.089	0.84	-11.8	0.4875	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs1398882	7.24	6.92	-0.136	0.67	9.52	0.4675	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs9902563	7.29	6.96	0.136	0.88	18.05	0.4325	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs1398883	6.35	6.07	0.119	0.53	21.46	0.4095	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs9901754	6.39	6.10	-0.12	0.7	29.04	0.41	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MEOX1	xnrnkiorQbi.o3fsZl	rs9912855	6.07	5.81	-0.114	1.17	29.12	0.1457	8.144	0.257	7.258	7.972	8.126	8.315	8.969	
MESP1	fU6KhUppyEf4pCSinc	rs9920376	6.33	6.03	0.125	1.24	-38.31	0.3	7.248	0.094	7.109	7.177	7.225	7.311	7.596	
MESP1	fU6KhUppyEf4pCSinc	rs7179296	5.05	4.84	0.102	2.3	-24.34	0.0761	7.248	0.094	7.109	7.177	7.225	7.311	7.596	
MESP1	fU6KhUppyEf4pCSinc	rs3743115	8.34	7.96	0.166	2.37	-0.5	0.3275	7.248	0.094	7.109	7.177	7.225	7.311	7.596	
MESP1	fU6KhUppyEf4pCSinc	rs11073889	5.2	4.98	0.101	1.3	27.45	0.4146	7.248	0.094	7.109	7.177	7.225	7.311	7.596	
METRn	oJhniedelk5FJh9sPQ	rs12448432	3.46	3.31	-0.066	2.1	11.34	0.215	7.3	0.167	7.102	7.182	7.245	7.371	7.984	
MFSD9	cEX9UndJL7Hk46JqU	rs2732846	3.49	3.36	0.065	0.49	36.48	0.495	7.257	0.135	7.112	7.171	7.219	7.298	8.051	
MGC15523	QN5fHvfwEXmk20Tp_4	rs7212762	3.93	3.74	0.078	4.63	-14.16	0.1275	7.508	0.175	7.155	7.379	7.499	7.59	8.356	
MGC16169	lpNJFBJEVfTNRHdIQ	rs6853554	4.48	4.29	-0.087	3.06	-19.75	0.295	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	lpNJFBJEVfTNRHdIQ	rs6533237	4.01	3.84	-0.079	2.26	-12.95	0.3819	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	lpNJFBJEVfTNRHdIQ	rs6843331	4.44	4.25	0.087	2.22	-8.93	0.375	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	lpNJFBJEVfTNRHdIQ	rs7657962	4.23	4.04	-0.083	2.18	-0.52	0.355	8.565	0.219	7.165	8.44	8.586	8.701	9.085	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
										Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MGC16169	IpNJFBJEVfTNRiHdIQ	rs17272618	4.4	4.21	0.085	3.08	55.27	0.2925	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs6849573	4.4	4.21	-0.085	2.74	56.77	0.2925	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs6836198	4.02	3.85	-0.079	2.24	84.87	0.3825	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs12512903	6.57	6.28	0.131	2.39	-91.54	0.17	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs10516533	6.57	6.28	0.131	2.53	-68.65	0.17	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs12641015	6.57	6.28	0.131	2.44	-65.2	0.17	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs3762947	6.17	5.90	0.123	2.27	-0.74	0.1675	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs3113249	3.78	3.62	0.073	2.1	1.75	0.3775	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs3113252	3.78	3.62	0.073	2.1	15.02	0.3775	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs3109955	3.49	3.35	-0.068	1.69	16.79	0.3756	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC16169	IpNJFBJEVfTNRiHdIQ	rs7654865	5.93	5.67	0.12	2.26	42.06	0.1624	8.565	0.219	7.165	8.44	8.586	8.701	9.085	
MGC3020	39eohTVUX91pd4h.i0	rs7204877	10.81	10.32	-0.221	3.82	-46.63	0.2944	9.002	0.572	7.858	8.604	8.904	9.38	11.02	
MGC3020	39eohTVUX91pd4h.i0	rs4632148	10.14	9.67	-0.21	3.58	-4.68	0.2923	9.002	0.572	7.858	8.604	8.904	9.38	11.02	
MGC3020	39eohTVUX91pd4h.i0	rs1468158	10.3	9.83	0.208	3.48	-2.83	0.2975	9.002	0.572	7.858	8.604	8.904	9.38	11.02	
MGC3020	39eohTVUX91pd4h.i0	rs17519579	3.69	3.53	0.07	2.2	11.77	0.1212	9.002	0.572	7.858	8.604	8.904	9.38	11.02	
MGC34725	3JTggBXqTmP7iehhEk	rs2305058	3.77	3.61	-0.069	2.65	-9.93	0.5	7.121	0.013	7.098	7.112	7.118	7.127	7.169	
MGC34725	3JTggBXqTmP7iehhEk	rs173229	3.72	3.56	0.07	2.22	18.53	0.4824	7.121	0.013	7.098	7.112	7.118	7.127	7.169	
MGC34725	3JTggBXqTmP7iehhEk	rs348365	4.01	3.84	0.076	1.55	21.64	0.4475	7.121	0.013	7.098	7.112	7.118	7.127	7.169	
MGMT	fnpYB4s7kso6O.iYRE	rs1762438	6.19	5.91	0.128	2.48	-2.01	0.4075	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs1711650	5.94	5.68	0.12	2.23	3.48	0.3175	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs871026	8.34	7.97	-0.17	4.41	27.68	0.4625	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs12246239	5.92	5.66	0.122	3.61	34.24	0.2625	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs1762418	8.34	7.97	-0.17	4.41	37.89	0.4625	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs10764889	5.21	4.98	-0.105	3.47	76.06	0.49	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs3858300	6.07	5.80	0.124	4.63	76.66	0.3325	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs4751099	4.71	4.51	0.098	3.1	81	0.2846	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs496298	3.35	3.21	0.065	2.27	89.66	0.31	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs511770	4.58	4.38	0.092	1.84	95.76	0.3788	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs574831	4.11	3.93	0.081	1.39	113.72	0.47	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs471390	6.59	6.30	-0.133	3.51	117.36	0.485	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs551491	3.81	3.65	-0.074	1.3	132.35	0.47	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs4751104	4.23	4.05	0.084	1.55	139.89	0.34	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs553371	7.7	7.35	-0.155	3.58	148.21	0.4925	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs567700	7.18	6.86	0.149	3.42	-142.24	0.4974	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs531572	8.82	8.42	0.178	4.2	-137.8	0.475	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs4751107	4.39	4.20	-0.088	3.02	-137.71	0.2575	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs12247354	4.16	3.98	-0.083	1.94	-128.81	0.285	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs4750759	7.54	7.20	0.152	3.67	-128.76	0.4925	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs6482743	3.35	3.21	-0.063	1.5	-108.19	0.3675	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs9971190	5.54	5.30	0.111	3.65	-104.05	0.3825	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGMT	fnpYB4s7kso6O.iYRE	rs7082319	3.93	3.76	-0.076	2.4	-101.47	0.4125	9.697	0.392	7.281	9.534	9.737	9.946	10.52	
MGST2	Eo0Wv1h4t6o.6X74V0	rs2602238	4.62	4.42	-0.088	3.62	6.39	0.4875	9.346	0.596	8.017	8.905	9.267	9.646	11.061	
MGST2	Eo0Wv1h4t6o.6X74V0	rs8192047	5.01	4.79	-0.099	3.34	9.78	0.2814	9.346	0.596	8.017	8.905	9.267	9.646	11.061	
MGST3	xWbMn3pep_i6PvoYyc	rs1337444	8.67	8.28	-0.17	4.53	-10.91	0.44	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs4147591	6.89	6.59	-0.139	2.75	-0.47	0.255	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs4147592	14.66	13.98	0.277	5.23	-0.3	0.4975	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs9333378	7.43	7.09	0.146	2.56	1.02	0.3825	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs7554034	7.45	7.12	-0.148	2.24	10.01	0.2075	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs6686643	6.57	6.28	-0.132	2.64	-8.27	0.2525	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MGST3	xWbMn3pep_i6PvoYyc	rs1878076	11.02	10.52	-0.215	8.18	-7.54	0.4	10.788	0.272	9.737	10.624	10.807	10.984	11.611	
MICA	QS_oYuFEqOURJ2j9Jc	rs2523554	3.34	3.20	0.063	0.95	-39.54	0.405	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs9266395	3.75	3.59	0.069	0.84	-35.8	0.1975	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs9266409	3.75	3.59	-0.069	0.9	-34.8	0.1975	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs7770216	3.81	3.65	0.071	0.69	-30.76	0.2045	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs6933050	3.69	3.53	-0.068	0.9	-27.74	0.196	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs9266722	3.99	3.82	0.075	0.76	-21.45	0.1025	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs1131896	6.77	6.47	-0.131	2.7	-3.98	0.2588	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs2596531	4.05	3.88	0.076	0.49	4.47	0.48	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs2844511	4.24	4.06	0.08	0.49	6.69	0.4825	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs2516448	4.24	4.06	-0.08	0.49	7.32	0.4825	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICA	QS_oYuFEqOURJ2j9Jc	rs2524279	3.53	3.38	0.065	1.22	9.82	0.0779	9.719	0.371	8.687	9.471	9.729	9.939	10.914	Yes
MICB	HhSf37Rfiv2VbRFVM	rs3132468	3.6	3.45	0.069	1.45	-3.42	0.27	9.633	0.337	8.761	9.405	9.615	9.838	10.717	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adv.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MICB	HhSf37RftV2vbRFV	rs4947324	4.41	4.22	-0.088	3.45	49.23	0.0758	9.633	0.337	8.761	9.405	9.615	9.838	10.717	
MIZF	xqiXih3o9.iqNeju7s	rs641382	5.84	5.58	0.111	2.7	0.54	0.39	9.165	0.184	8.721	9.047	9.152	9.272	9.705	
MIZF	xqiXih3o9.iqNeju7s	rs671872	3.89	3.72	-0.072	2.44	10.41	0.4775	9.165	0.184	8.721	9.047	9.152	9.272	9.705	
MIZF	xqiXih3o9.iqNeju7s	rs4301800	3.89	3.72	0.072	2.44	13.76	0.4775	9.165	0.184	8.721	9.047	9.152	9.272	9.705	
MIZF	xqiXih3o9.iqNeju7s	rs668033	3.87	3.70	-0.073	2.42	17.34	0.4772	9.165	0.184	8.721	9.047	9.152	9.272	9.705	
MKRN1	NHao516.tTcef49fo	rs11765962	3.72	3.56	-0.069	2.7	-26.34	0.1375	12.141	0.212	11.54	12.018	12.123	12.234	13.01	Yes
MLF1IP	ES97kTH.Qx1WGgiQq4	rs2696051	4.77	4.57	0.101	2.1	-10.46	0.235	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLF1IP	ES97kTH.Qx1WGgiQq4	rs2130392	7.88	7.52	-0.171	3.06	-16.12	0.3025	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLF1IP	ES97kTH.Qx1WGgiQq4	rs902176	3.47	3.32	-0.068	0.81	-0.93	0.1575	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLF1IP	ES97kTH.Qx1WGgiQq4	rs6851816	4.24	4.06	0.084	0.28	-0.45	0.1825	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLF1IP	ES97kTH.Qx1WGgiQq4	rs902174	5.54	5.30	-0.113	0.41	-0.12	0.2411	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLF1IP	ES97kTH.Qx1WGgiQq4	rs755535	5.82	5.56	0.122	1.37	13.09	0.35	7.4	0.126	7.194	7.32	7.372	7.44	7.913	
MLH3	cKeVUq.eR61Xf9X0t8	rs174994	7.72	7.37	-0.147	3.89	-49.2	0.4899	7.226	0.082	7.107	7.164	7.213	7.264	7.664	
MLH3	cKeVUq.eR61Xf9X0t8	rs175057	9.69	9.25	-0.185	3.79	6.33	0.4698	7.226	0.082	7.107	7.164	7.213	7.264	7.664	
MLH3	cKeVUq.eR61Xf9X0t8	rs175505	7.16	6.84	-0.136	2.54	11.49	0.4825	7.226	0.082	7.107	7.164	7.213	7.264	7.664	
MLH3	cKeVUq.eR61Xf9X0t8	rs12431669	3.55	3.40	-0.067	1.96	28.1	0.255	7.226	0.082	7.107	7.164	7.213	7.264	7.664	
MLKL	HSVilzFpxFPSCReB1E	rs9932977	10.13	9.67	-0.194	1.59	0.36	0.4749	8.226	0.335	7.138	8.062	8.222	8.438	9.346	
MLKL	HSVilzFpxFPSCReB1E	rs2057803	6.51	6.22	0.124	2.71	0.65	0.265	8.226	0.335	7.138	8.062	8.222	8.438	9.346	
MLKL	HSVilzFpxFPSCReB1E	rs2097840	4.93	4.72	0.092	2.66	1.33	0.407	8.226	0.335	7.138	8.062	8.222	8.438	9.346	
MME	Ki311OeS72Lo_yuQjo	rs1025192	3.39	3.25	0.062	1.87	29.73	0.4975	7.303	0.149	7.114	7.214	7.258	7.342	8.28	
MME	Ki311OeS72Lo_yuQjo	rs2016848	3.57	3.42	-0.067	2.17	-42.81	0.3869	7.303	0.149	7.114	7.214	7.258	7.342	8.28	
MME	Ki311OeS72Lo_yuQjo	rs1836917	3.52	3.37	0.065	2.33	-40.58	0.3875	7.303	0.149	7.114	7.214	7.258	7.342	8.28	
MMEL1	x99NBzISu65q1xaVi8	rs734999	3.52	3.37	-0.055	2.9	-8.87	0.4625	7.307	0.159	7.106	7.184	7.278	7.385	8.143	
MMEL1	x99NBzISu65q1xaVi8	rs3748816	5.29	5.05	-0.084	3.26	4.66	0.3425	7.307	0.159	7.106	7.184	7.278	7.385	8.143	
MMEL1	x99NBzISu65q1xaVi8	rs12138909	3.84	3.68	-0.061	2.02	16.66	0.1352	7.307	0.159	7.106	7.184	7.278	7.385	8.143	
MMEL1	x99NBzISu65q1xaVi8	rs3890745	6.15	5.88	0.098	3.15	-10.8	0.315	7.307	0.159	7.106	7.184	7.278	7.385	8.143	
MMP16	rpqn5dcs2OS.OAMmGo	rs1477917	3.42	3.27	-0.068	1.44	51.26	0.095	7.146	0.036	7.097	7.116	7.138	7.165	7.27	
MMP7	3nR9jijgZ6GjrJLcqM	rs2156528	5.17	4.94	0.101	0.43	1.42	0.1875	7.111	0.016	7.096	7.103	7.108	7.114	7.248	
MMP7	3nR9jijgZ6GjrJLcqM	rs10502001	5.56	5.32	0.111	0.55	-2.88	0.1919	7.111	0.016	7.096	7.103	7.108	7.114	7.248	
MMRN1	WTKniko.oNKU7fdSJJ	rs10516848	6.81	6.50	-0.136	1.73	-40.84	0.3775	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs2736994	4.72	4.52	-0.09	1.96	-31.52	0.2462	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs11097239	5.54	5.29	0.108	0.59	-20.25	0.3543	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs1899389	9.8	9.36	0.197	2.96	-13.05	0.4925	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs3775479	6.03	5.76	-0.114	1.35	26.92	0.4575	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs1442129	9.04	8.63	-0.175	2.15	-26.33	0.4725	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs6854896	3.93	3.77	-0.073	1.19	-4.22	0.3175	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs1318557	3.83	3.66	-0.07	0.86	3.83	0.3825	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MMRN1	WTKniko.oNKU7fdSJJ	rs11931138	3.56	3.41	-0.064	1.08	7.27	0.4045	7.277	0.147	7.105	7.17	7.231	7.347	8.023	
MOAP1	WuS53iqEhCn6uzOUFI	rs17128905	3.39	3.25	0.063	0.22	-25.91	0.38	10.542	0.243	9.817	10.406	10.527	10.686	11.272	
MORN3	0U9eK0A1yFeOu56aKU	rs12320939	7.17	6.85	0.146	3.67	-26.57	0.3925	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs12313273	7.75	7.40	-0.165	1.98	-26.28	0.1575	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs7135617	7.44	7.11	-0.154	4.23	-20.29	0.404	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs6486795	7.02	6.71	-0.152	2.03	-13.38	0.1859	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs3741595	6.93	6.62	0.146	1.54	-10.1	0.13	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs2942368	7.57	7.23	0.155	4.78	9.23	0.395	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs2466145	3.74	3.58	0.072	2.56	42.82	0.3475	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs925531	3.74	3.58	-0.072	2.6	45.75	0.3475	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
MORN3	0U9eK0A1yFeOu56aKU	rs2137434	3.74	3.58	-0.072	2.56	45.94	0.3475	7.663	0.287	7.142	7.437	7.63	7.864	8.675	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs4243230	4.26	4.08	0.085	1.38	-28.91	0.37	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs6564982	4.7	4.50	-0.095	1.63	-14.58	0.205	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs4889467	5.87	5.61	-0.12	1.63	-12.39	0.325	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs7203990	4.33	4.14	-0.087	1.51	3.55	0.2035	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs12102917	6.29	6.01	0.126	2.19	-7	0.255	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs12598637	7.98	7.62	-0.162	2.05	-6.92	0.3744	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs2303266	8.58	8.19	0.173	1.99	-5.93	0.3775	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs7205534	6.77	6.47	0.136	2.12	-2.19	0.2475	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs2303262	4.44	4.25	-0.089	1.23	-0.05	0.1985	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs2967379	4.27	4.08	-0.084	1.32	9.5	0.39	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs918759	6.09	5.82	0.122	1.81	12.7	0.4425	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH6	iiUo8l6OXwmOISq5_s	rs918760	4.26	4.07	-0.084	1.75	12.81	0.385	9.011	0.287	8.313	8.829	8.981	9.192	10.053	
IPHOSPH9	0KFI_KSRwko5fdeihg	rs1727302	3.52	3.37	0.07	0.77	-8.02	0.24	8.392	0.173	7.864	8.276	8.386	8.515	9.117	
MPP2	Bi4oVxTUe1M9LVJVLk	rs231487	4.21	4.03	-0.083	2.5	-3.81	0.3525	7.161	0.049	7.103	7.129	7.148	7.183	7.424	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MPP2	Bi4oVxTUE1M9LVJVLk	rs231486	4.1	3.93	-0.083	2.47	-3.71	0.3462	7.161	0.049	7.103	7.129	7.148	7.183	7.424	
MPP2	Bi4oVxTUE1M9LVJVLk	rs231485	4.21	4.03	-0.083	2.5	-3.1	0.3525	7.161	0.049	7.103	7.129	7.148	7.183	7.424	
MPP2	Bi4oVxTUE1M9LVJVLk	rs105025	4.28	4.10	-0.084	2.51	2.33	0.3525	7.161	0.049	7.103	7.129	7.148	7.183	7.424	
MPP2	Bi4oVxTUE1M9LVJVLk	rs1731898	3.46	3.31	-0.067	0.77	23.75	0.4175	7.161	0.049	7.103	7.129	7.148	7.183	7.424	
MPPE1	N20dE5GETfvUoKI64	rs647651	14.62	13.94	-0.293	3.73	2.08	0.0875	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPE1	N20dE5GETfvUoKI64	rs9951817	22.92	21.84	0.413	4.61	3.92	0.0675	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPE1	N20dE5GETfvUoKI64	rs593713	4.93	4.71	0.095	1.77	4.19	0.275	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPE1	N20dE5GETfvUoKI64	rs605961	5.61	5.36	-0.11	1.64	4.62	0.2663	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPE1	N20dE5GETfvUoKI64	rs6650615	13.83	13.19	-0.263	4.4	9.85	0.095	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPE1	N20dE5GETfvUoKI64	rs8094168	6.6	6.31	-0.13	3.37	-8.9	0.1525	10.401	0.399	8.556	10.155	10.444	10.684	11.881	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs576063	3.6	3.44	-0.067	1.24	59.98	0.0581	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs473481	4.56	4.36	-0.086	1.43	-59.01	0.06	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs521069	7.6	7.26	-0.142	3.06	-22.55	0.425	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs3824982	16.24	15.48	0.293	3.05	-2.29	0.2625	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs3781852	18.17	17.31	0.325	4.37	-1.66	0.2803	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs2045528	8.82	8.42	-0.164	2.14	0.27	0.3975	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs7119684	15.31	14.60	0.274	4.05	11.79	0.26	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs1374612	3.64	3.48	-0.064	1.84	16.78	0.33	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPPED2	0Xdv3VP_R7u2OQ32ck	rs2593549	7.39	7.06	-0.137	3.24	23.32	0.4874	7.324	0.188	7.126	7.198	7.261	7.395	8.236	
MPZL2	WpwMtCqzwqXvvy7dfU	rs1624780	3.72	3.56	-0.069	0.37	-0.22	0.4375	7.776	0.42	7.1	7.439	7.729	8.036	9.005	
MPZL2	WpwMtCqzwqXvvy7dfU	rs2853009	3.55	3.40	-0.065	0.5	13.14	0.4497	7.776	0.42	7.1	7.439	7.729	8.036	9.005	
MR1	ZJ7d6tT7X7T7np6L64	rs10797666	5.59	5.34	-0.11	3.09	-5.83	0.2775	9.001	0.295	8.036	8.827	9.001	9.199	9.835	Yes
MR1	ZJ7d6tT7X7T7np6L64	rs3747956	5.5	5.26	0.108	2.81	-0.23	0.295	9.001	0.295	8.036	8.827	9.001	9.199	9.835	Yes
MR1	ZJ7d6tT7X7T7np6L64	rs16856699	4.88	4.67	0.097	1.43	0.48	0.185	9.001	0.295	8.036	8.827	9.001	9.199	9.835	Yes
MRE11A	rreiH3FbJKB0CHnu0k	rs2508678	3.83	3.66	0.077	1.7	-1.12	0.445	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs598599	7.04	6.73	-0.144	3.05	16.69	0.3575	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs529126	9.05	8.64	0.188	3.3	-32.74	0.3375	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs535801	11.62	11.08	0.237	3.81	-14.99	0.375	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs1270146	6.06	5.79	-0.124	2.88	-11.73	0.49	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs509723	7.86	7.50	0.162	2.97	21.54	0.415	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs628728	5.83	5.57	0.119	2.4	23.34	0.4925	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs525057	5.83	5.57	0.119	2.4	26.13	0.4925	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs695093	5.73	5.47	-0.117	2.62	26.4	0.49	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs521349	7.86	7.50	0.162	2.97	26.54	0.415	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRE11A	rreiH3FbJKB0CHnu0k	rs658234	4.21	4.02	0.084	1.76	47.29	0.4575	8.021	0.215	7.195	7.922	8.033	8.173	8.515	
MRGPRF	WKl.pZfay_F5f94dag	rs4930255	3.43	3.28	0.065	0.3	-33.71	0.24	7.12	0.019	7.094	7.108	7.115	7.127	7.247	
MRPL17	K6Et_Oq_IF96oll4V0	rs7129828	3.34	3.20	-0.063	1.02	-36.77	0.1325	10.096	0.32	9.405	9.887	10.085	10.313	11.012	
MRPL21	uhfm7oIlPYeiCteevo	rs604524	6.25	5.97	0.135	1.37	-28.82	0.29	10.451	0.295	8.576	10.296	10.47	10.646	11.071	
MRPL21	uhfm7oIlPYeiCteevo	rs629426	6.28	6.00	-0.136	1.25	-0.2	0.2875	10.451	0.295	8.576	10.296	10.47	10.646	11.071	
MRPL21	uhfm7oIlPYeiCteevo	rs10896379	4.51	4.31	-0.092	1.18	9.27	0.1725	10.451	0.295	8.576	10.296	10.47	10.646	11.071	
MRPL21	uhfm7oIlPYeiCteevo	rs622082	5.29	5.06	-0.114	1.3	32.66	0.2854	10.451	0.295	8.576	10.296	10.47	10.646	11.071	
MRPL21	uhfm7oIlPYeiCteevo	rs10896384	5.15	4.92	0.109	1.33	48.71	0.2925	10.451	0.295	8.576	10.296	10.47	10.646	11.071	
MRPL27	HuclLqAqBel6J3eNFc	rs2586473	3.64	3.48	0.069	1.98	-28.96	0.49	7.295	0.123	7.106	7.204	7.262	7.367	7.76	
MRPL27	HuclLqAqBel6J3eNFc	rs2097844	3.56	3.41	0.067	1.35	-14.53	0.485	7.295	0.123	7.106	7.204	7.262	7.367	7.76	
MRPL27	HuclLqAqBel6J3eNFc	rs4794136	3.61	3.45	0.068	1.25	-11.27	0.4925	7.295	0.123	7.106	7.204	7.262	7.367	7.76	
MRPL35	ihSoSuylwoekFI0k0	rs4832254	5.79	5.43	-0.114	3.28	2.48	0.0808	9.119	0.257	8.434	8.978	9.153	9.278	9.718	
MRPL35	ihSoSuylwoekFI0k0	rs749581	4.92	4.71	0.096	2.39	8.26	0.13	9.119	0.257	8.434	8.978	9.153	9.278	9.718	
MRPL35	ihSoSuylwoekFI0k0	rs7419344	5.23	5.00	-0.102	3.37	11.17	0.0875	9.119	0.257	8.434	8.978	9.153	9.278	9.718	
MRPL35	ihSoSuylwoekFI0k0	rs4832257	4.92	4.71	-0.096	2.45	13.95	0.13	9.119	0.257	8.434	8.978	9.153	9.278	9.718	
MRPL35	3STIKUo88qI9dgHLu4	rs1559514	3.37	3.23	0.059	1.14	22.83	0.3625	8.334	0.226	7.274	8.217	8.326	8.469	8.939	
MRPL35	3STIKUo88qI9dgHLu4	rs9677502	3.75	3.59	-0.067	1.83	40.97	0.4925	8.334	0.226	7.274	8.217	8.326	8.469	8.939	
MRPL36	HWKRCISIOYF1dSLRk	rs3776150	3.81	3.64	-0.073	1.3	3.96	0.25	10.671	0.255	9.755	10.521	10.696	10.866	11.172	
MRPL39	6pM_m9e5zjje7jlio	rs1740084	4.16	3.98	0.077	0.16	-46.88	0.1475	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs1893650	6.11	5.84	-0.118	0.9	-17.15	0.2825	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs2829803	6.11	5.84	-0.118	0.9	-9.66	0.2825	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs2829806	6.11	5.84	-0.118	0.93	2.22	0.2825	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs7276984	4.44	4.25	-0.083	0.15	8.85	0.16	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs9974676	5.99	5.72	-0.114	0.79	25.25	0.2775	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs763331	5.01	4.79	-0.095	0.66	29.52	0.2854	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs2829841	5.25	5.02	-0.1	1.61	43.22	0.1475	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL39	6pM_m9e5zjje7jlio	rs963103	4.91	4.70	-0.096	0.62	49.16	0.2813	9.894	0.338	7.717	9.709	9.932	10.138	10.457	
MRPL42	cgXxUBC6iSiUBzSnU	rs11107052	3.41	3.27	-0.062	0.25	4.86	0.1575	8.154	0.222	7.374	8.027	8.172	8.299	8.708	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MRPL42	cgXxUBC6iJsiUBzSnU	rs10859510	3.41	3.26	0.062	0.24	27.2	0.16	8.154	0.222	7.374	8.027	8.172	8.299	8.708	
MRPL43	o0gkTJz5T011klp6ks	rs10509748	9.25	8.83	0.191	4.8	-49.72	0.45	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	o0gkTJz5T011klp6ks	rs1122556	4.89	4.67	-0.099	2.67	-34.54	0.4523	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	o0gkTJz5T011klp6ks	rs2863095	30.83	29.36	0.513	9.83	-0.77	0.2075	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	lieXv39S5efeqkuF_4	rs2863095	9.07	8.66	-0.179	2.39	0.48	0.2075	10.119	0.273	9.365	9.907	10.156	10.307	10.908	
MRPL43	3DF8Gqe5mKlk1HkLa0	rs2863095	7.66	7.31	0.155	5.82	0.48	0.2075	9.272	0.4	7.22	9.087	9.315	9.496	10.115	Yes
MRPL43	KLklZZR6LlezoLVfDA	rs2863095	7.49	7.16	0.147	4.4	-0.77	0.2075	8.111	0.419	7.28	7.8	8.061	8.404	9.536	
MRPL43	o0gkTJz5T011klp6ks	rs3740484	12.49	11.91	0.246	4.83	0.09	0.3015	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	3DF8Gqe5mKlk1HkLa0	rs3740484	6.84	6.53	0.139	2.52	0.09	0.3015	9.272	0.4	7.22	9.087	9.315	9.496	10.115	Yes
MRPL43	lieXv39S5efeqkuF_4	rs3740484	5.27	5.04	-0.104	2.03	0.09	0.3015	10.119	0.273	9.365	9.907	10.156	10.307	10.908	
MRPL43	o0gkTJz5T011klp6ks	rs3740487	30.83	29.36	-0.513	9.83	3.51	0.2075	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	lieXv39S5efeqkuF_4	rs3740487	9.07	8.66	0.179	2.39	3.51	0.2075	10.119	0.273	9.365	9.907	10.156	10.307	10.908	
MRPL43	3DF8Gqe5mKlk1HkLa0	rs3740487	7.66	7.31	-0.155	5.82	3.51	0.2075	9.272	0.4	7.22	9.087	9.315	9.496	10.115	Yes
MRPL43	KLklZZR6LlezoLVfDA	rs3740487	7.49	7.16	-0.147	4.4	3.51	0.2075	8.111	0.419	7.28	7.8	8.061	8.404	9.536	
MRPL43	o0gkTJz5T011klp6ks	rs701836	16.64	15.86	-0.31	8.18	19.84	0.2475	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL43	lieXv39S5efeqkuF_4	rs701836	6.46	6.17	0.126	1.41	19.84	0.2475	10.119	0.273	9.365	9.907	10.156	10.307	10.908	
MRPL43	3DF8Gqe5mKlk1HkLa0	rs701836	5.37	5.14	-0.106	5.51	19.84	0.2475	9.272	0.4	7.22	9.087	9.315	9.496	10.115	Yes
MRPL43	o0gkTJz5T011klp6ks	rs11190790	4.36	4.17	-0.085	2.95	25.01	0.395	7.536	0.255	7.154	7.322	7.501	7.71	8.164	
MRPL52	NlnqEUIEJ7yNHl6in4	rs2065134	3.46	3.31	0.062	0.51	-40.91	0.09	8.075	0.221	7.238	7.927	8.118	8.234	8.583	
MRPL52	NlnqEUIEJ7yNHl6in4	rs3811188	4.79	4.58	-0.089	1.72	0.04	0.465	8.075	0.221	7.238	7.927	8.118	8.234	8.583	
MRPL52	NlnqEUIEJ7yNHl6in4	rs17122926	7.46	7.12	0.14	2.82	0.82	0.195	8.075	0.221	7.238	7.927	8.118	8.234	8.583	
MRPL52	NlnqEUIEJ7yNHl6in4	rs1042704	6.66	6.36	0.124	3.01	8.35	0.2161	8.075	0.221	7.238	7.927	8.118	8.234	8.583	
MRPL53	xprnTdfnegOdFI9l1RM	rs1063588	5.13	4.91	-0.103	1.62	-8.73	0.1525	10.032	0.402	9.19	9.734	10.055	10.34	11.191	
MRPL53	xprnTdfnegOdFI9l1RM	rs1047911	5.38	5.14	0.109	1.67	-0.15	0.15	10.032	0.402	9.19	9.734	10.055	10.34	11.191	
MRPL53	xprnTdfnegOdFI9l1RM	rs6707475	4.85	4.64	-0.098	1.09	10.56	0.16	10.032	0.402	9.19	9.734	10.055	10.34	11.191	
MRPS10	NsgkrU7f_6.XkTf6Ll	rs13217993	3.7	3.54	0.076	4.96	-10.14	0.3925	10.477	0.307	7.157	10.368	10.491	10.645	10.911	
MRPS10	NsgkrU7f_6.XkTf6Ll	rs722269	3.56	3.41	-0.073	5.01	9.31	0.3875	10.477	0.307	7.157	10.368	10.491	10.645	10.911	
MRPS25	QPufki_7ukkk.i1ODk	rs11717371	4.58	4.38	-0.088	2.71	-4.28	0.2175	8.355	0.345	7.535	8.113	8.318	8.534	10.176	
MRPS35	N7qnT.IKlCcuUgCyC6l	rs7133442	4.67	4.46	-0.094	2.62	-14.95	0.3869	9.464	0.233	8.61	9.368	9.496	9.599	9.959	
MRPS35	N7qnT.IKlCcuUgCyC6l	rs929948	5.25	5.02	0.106	3	-13.93	0.3875	9.464	0.233	8.61	9.368	9.496	9.599	9.959	
MRPS35	N7qnT.IKlCcuUgCyC6l	rs7310809	3.47	3.32	0.067	2.19	0.61	0.4625	9.464	0.233	8.61	9.368	9.496	9.599	9.959	
MRPS7	Tld5ZCAS7iceUZ4AcU	rs1871269	5.34	5.11	0.108	2.75	-36.79	0.2437	9.574	0.2	8.691	9.467	9.582	9.704	9.98	
MRPS7	Tld5ZCAS7iceUZ4AcU	rs1478785	4.63	4.43	-0.093	2.57	-34.92	0.25	9.574	0.2	8.691	9.467	9.582	9.704	9.98	
MRPS7	Tld5ZCAS7iceUZ4AcU	rs2242231	6.13	5.86	0.125	3.31	-14.86	0.2175	9.574	0.2	8.691	9.467	9.582	9.704	9.98	
MRPS7	Tld5ZCAS7iceUZ4AcU	rs4789157	6.13	5.86	0.125	3.31	-14.48	0.2175	9.574	0.2	8.691	9.467	9.582	9.704	9.98	
MSC	NNW3X1QnVp.9w0pKbc	rs3779757	3.47	3.32	-0.068	0.75	-0.06	0.255	7.338	0.145	7.117	7.233	7.313	7.423	8.323	
MSC	NNW3X1QnVp.9w0pKbc	rs2035376	4.16	3.98	0.083	0.98	4.57	0.24	7.338	0.145	7.117	7.233	7.313	7.423	8.323	
MSH3	To1KZJIELV4.7RfX8U	rs12517451	4.65	4.45	0.088	1.23	-30.22	0.235	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs1650647	4.51	4.31	0.085	1.7	20.13	0.295	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs2035256	5.63	5.38	-0.11	2.65	46.35	0.4325	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs3776967	4.42	4.23	-0.087	1.65	52.06	0.3392	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs6151816	4.55	4.35	0.087	1.68	-99	0.1525	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs32989	4.72	4.52	0.096	2.72	-56.54	0.35	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs3797898	4.44	4.25	0.086	1.81	-49.32	0.1389	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs6874652	4.41	4.22	0.084	1.43	-41.92	0.1425	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs2897298	4.41	4.22	-0.084	1.43	-19.16	0.1425	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs245340	4.74	4.53	-0.096	2.73	-11.13	0.3525	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSH3	To1KZJIELV4.7RfX8U	rs26279	4.74	4.53	0.096	2.73	-3.7	0.3525	8.658	0.261	7.756	8.502	8.666	8.836	9.407	Yes
MSI2	cdVNUFfjpo0faNir4cQ	rs886929	3.41	3.26	-0.062	3.35	43.34	0.235	7.804	0.146	7.452	7.712	7.804	7.885	8.62	
MSLN	B9RVCIHZNswGoE5VeQ	rs12448639	3.74	3.58	-0.073	0.69	-12.64	0.1288	7.176	0.273	7.098	7.117	7.127	7.146	9.446	
MSLN	B9RVCIHZNswGoE5VeQ	rs3764246	3.48	3.34	0.065	1.34	-0.99	0.275	7.176	0.273	7.098	7.117	7.127	7.146	9.446	
MSLN	B9RVCIHZNswGoE5VeQ	rs2235505	3.3	3.16	0.061	1.2	0.3	0.2688	7.176	0.273	7.098	7.117	7.127	7.146	9.446	
MSLN	B9RVCIHZNswGoE5VeQ	rs3765266	3.87	3.70	0.072	1.63	21.9	0.1725	7.176	0.273	7.098	7.117	7.127	7.146	9.446	
MSRA	HfrlJwruJ6ivnoSjqo	rs11993663	3.33	3.19	0.064	2.36	121.07	0.305	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs10503406	3.31	3.17	0.063	4.15	-177.42	0.42	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs13250969	3.87	3.70	-0.074	2.55	-162.42	0.4775	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs6601427	3.38	3.24	-0.067	2.42	-130.37	0.4072	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs7832708	4.33	4.14	-0.087	3.87	-96.36	0.44	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs4841326	4.09	3.92	0.081	3.35	-81.83	0.3225	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs12679609	3.64	3.48	0.07	1.68	-75.33	0.165	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs7015455	3.47	3.32	0.066	1.77	-61.24	0.43	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	HfrlJwruJ6ivnoSjqo	rs11249994	3.75	3.59	-0.071	3.14	-49.58	0.495	8.458	0.149	7.95	8.365	8.463	8.555	8.869	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
										Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MSRA	Hfr1JwruJ6ivnoSjgo	rs10283145	4.14	3.96	0.081	4.04	-44.98	0.445	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs17765901	5.41	5.17	0.108	4.93	-36.91	0.4575	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs1962073	4.54	4.34	0.089	3.78	-25.84	0.415	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs6999466	4.56	4.36	-0.087	4.34	-20.68	0.34	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs4521760	3.9	3.74	-0.074	3.01	-12.21	0.345	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs17767186	4.09	3.92	-0.077	2.47	-8.9	0.2714	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs14879	5.38	5.15	-0.103	4.34	-0.12	0.2925	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs4841339	3.51	3.36	0.067	3.69	7.93	0.265	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs7837520	3.91	3.75	-0.074	4.04	13.74	0.26	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MSRA	Hfr1JwruJ6ivnoSjgo	rs7833781	4.42	4.23	-0.086	4.34	47.08	0.43	8.458	0.149	7.95	8.365	8.463	8.555	8.869	
MT1A	055155VOJ7IC7ISp5M	rs8052106	4.56	4.36	-0.089	1.84	-37.48	0.3025	10.508	0.409	9.616	10.202	10.572	10.789	11.569	
MT1F	QeeYeOUoQX91SOWEil	rs7189840	17.58	16.76	0.341	6.73	-8.23	0.4475	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs1875233	6.86	6.55	-0.137	1.6	-5.15	0.47	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs7193812	5.81	5.55	0.119	2.76	-2.5	0.105	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs12232396	3.61	3.46	-0.073	0.24	-1.67	0.2036	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs2291956	5.8	5.55	-0.118	2.61	0.36	0.1025	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs2291957	7.74	7.39	0.154	3.9	0.05	0.2775	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs7194895	9.64	9.20	-0.194	1.96	3.88	0.33	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs4783952	8.77	8.37	0.185	4.03	25.95	0.4571	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs11076164	10.8	10.31	-0.223	4.42	26.19	0.41	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1F	QeeYeOUoQX91SOWEil	rs4784714	9.19	8.77	-0.19	4.83	31.6	0.4573	10.09	0.319	9.098	9.913	10.089	10.323	10.82	
MT1X	Be1Z5u.1342oHxn3X4	rs7193812	4.22	4.04	0.086	0.85	-27.04	0.105	10.08	0.494	7.434	9.859	10.127	10.393	11.202	
MT1X	Be1Z5u.1342oHxn3X4	rs2291956	4.43	4.24	-0.09	0.9	-24.18	0.1025	10.08	0.494	7.434	9.859	10.127	10.393	11.202	
MT1X	Be1Z5u.1342oHxn3X4	rs4783952	4.31	4.13	0.09	1.56	1.05	0.4571	10.08	0.494	7.434	9.859	10.127	10.393	11.202	
MT1X	Be1Z5u.1342oHxn3X4	rs11076164	3.96	3.79	-0.081	0.77	1.3	0.41	10.08	0.494	7.434	9.859	10.127	10.393	11.202	
MT2A	051456hJvN17AgZh8	rs12444489	4.68	4.48	-0.093	1.94	-11.58	0.215	10.508	0.436	9.579	10.221	10.458	10.798	12.066	
MT2A	051456hJvN17AgZh8	rs8052106	6.92	6.61	-0.138	3.26	-7.41	0.3025	10.508	0.436	9.579	10.221	10.458	10.798	12.066	
MTAP	cJ79KI75Sc5f4gXajU	rs4977734	3.56	3.41	-0.067	1.6	-9.5	0.275	8.669	0.223	8.019	8.501	8.671	8.813	9.622	
MTAP	cJ79KI75Sc5f4gXajU	rs4607709	4.29	4.10	0.082	0.95	15.37	0.2675	8.669	0.223	8.019	8.501	8.671	8.813	9.622	
MTAP	cJ79KI75Sc5f4gXajU	rs4977569	4.73	4.53	0.091	1.86	28.52	0.2236	8.669	0.223	8.019	8.501	8.671	8.813	9.622	
MTAP	cJ79KI75Sc5f4gXajU	rs756641	4.8	4.59	0.092	1.56	36.38	0.225	8.669	0.223	8.019	8.501	8.671	8.813	9.622	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs2108487	4.81	4.60	0.092	1.13	-46.38	0.135	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs1123650	5.56	5.31	0.107	1.35	-44.6	0.0875	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs3815291	3.44	3.29	-0.063	1.36	6.03	0.38	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs2286323	5.53	5.29	0.107	2.39	-4.93	0.0875	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs1131293	5.85	5.59	0.114	2.85	5.06	0.1025	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTERFD2	ik1TJFWV_VTRXupxOQ	rs2074824	5.85	5.59	-0.114	2.85	10.05	0.1025	7.388	0.183	7.121	7.24	7.356	7.498	7.972	
MTRFR1	WvsfXp6izyI0osiPR8	rs10504389	6.73	6.43	0.132	0.89	-0.79	0.1275	7.998	0.188	7.445	7.866	7.997	8.124	8.433	
MTRFR1	WvsfXp6izyI0osiPR8	rs17304921	3.43	3.28	0.065	0.6	32.62	0.0575	7.998	0.188	7.445	7.866	7.997	8.124	8.433	
MTG1	oK5FsuX6i7u8Ced0Us	rs7918164	4.14	3.96	-0.079	1.27	-11.5	0.22	7.536	0.187	7.167	7.414	7.518	7.634	8.267	
MTG1	oK5FsuX6i7u8Ced0Us	rs10857712	3.86	3.70	-0.074	1.1	-9.16	0.2211	7.536	0.187	7.167	7.414	7.518	7.634	8.267	
MTHFS	ZJnv5JNKC4JXEVB6bc	rs685487	4.51	4.31	0.09	1.23	-1.19	0.375	9.839	0.251	9.261	9.67	9.82	10.023	10.528	
MTMR15	Bq5jX_ewHoiFLVASKo	rs1524878	4.04	3.87	0.076	4.4	-41.43	0.4975	10.303	0.361	9.458	10.056	10.26	10.523	11.755	
MTRR	x.VE8.t1OMUdCS7noU	rs2966952	10.41	9.93	0.207	3.76	-1.25	0.16	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs326120	10.25	9.78	0.208	3.85	5.57	0.1675	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs1532268	3.53	3.38	-0.069	1.07	8.9	0.365	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs162031	11.17	10.66	0.228	5.3	11.01	0.195	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs162040	7.53	7.20	0.151	2.26	-13.76	0.1206	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs162048	12.04	11.48	0.237	4.74	-8.93	0.16	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs3776455	11.88	11.33	-0.24	4.61	-4.73	0.325	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs1532267	9.64	9.20	-0.19	3.87	33.77	0.12	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs97713	6.26	5.98	0.122	2.72	40.52	0.2025	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTRR	x.VE8.t1OMUdCS7noU	rs329852	4.91	4.69	0.093	1.74	42.56	0.0725	9.767	0.72	7.135	9.307	9.82	10.291	11.032	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs4870903	7.96	7.60	0.162	3.21	7.11	0.25	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs7846270	6.76	6.46	-0.137	2.32	7.77	0.4075	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs6470249	5.57	5.32	-0.111	1.83	8.63	0.1775	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs6470250	4.05	3.88	0.081	1.93	8.72	0.2875	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs3763542	7.4	7.07	-0.156	2.63	10.74	0.475	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs7824951	10.78	10.28	-0.219	3.41	15.69	0.2925	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs3857944	9.37	8.94	0.191	3.31	16.76	0.295	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs6470253	7.75	7.40	0.162	2.72	33.23	0.4575	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTSS1	6wSpE.eFgV3Qploov4	rs4871506	5.94	5.68	0.12	2.74	37.79	0.485	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe		
			p-value (-log10)	% Variance Explained	p-value (-log10), GC adv.	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum	
MTSS1	6wSpE.eFgV3Qploov4	rs4871507	3.95		3.78	-0.077	1.56	37.92	0.3725	8.415	0.309	7.134	8.236	8.412	8.621	9.133	Yes
MTUS1	ixh4aUCj59gF9h9fSo	rs4921804	5.64		5.39	0.11	3.39	-4.55	0.395	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs209973	5.68		5.43	0.116	2.18	-4.32	0.3025	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs374386	8.26		7.88	0.168	2.66	3.35	0.3425	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs4921809	8.57		8.18	-0.172	2.47	9.89	0.38	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs7830863	9.7		9.26	0.196	4.12	11.73	0.44	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs406253	6.46		6.18	0.132	0.95	16.28	0.165	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs3862100	8.96		8.55	-0.177	3.25	20.15	0.4875	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MTUS1	ixh4aUCj59gF9h9fSo	rs6981770	8.17		7.80	-0.165	2.99	23.62	0.43	7.455	0.213	7.11	7.295	7.411	7.594	7.987	
MUC20	Wnm8e54isVIK9U4Kkk	rs2291652	3.86		3.70	0.073	2.16	17.37	0.42	7.775	0.416	7.163	7.439	7.742	8.035	9.328	
MUT	BdX6Gllz37Tu6KrfFE	rs2501976	3.84		3.68	0.075	3.02	-28.01	0.3575	9.188	0.203	8.619	9.052	9.17	9.298	9.848	
MUT	BdX6Gllz37Tu6KrfFE	rs2501979	3.82		3.66	-0.075	2.98	-22.07	0.3568	9.188	0.203	8.619	9.052	9.17	9.298	9.848	
MUT	BdX6Gllz37Tu6KrfFE	rs6458690	3.83		3.67	0.075	2.28	12.62	0.3575	9.188	0.203	8.619	9.052	9.17	9.298	9.848	
MUT	BdX6Gllz37Tu6KrfFE	rs4267943	3.62		3.47	-0.071	2.48	8.95	0.3503	9.188	0.203	8.619	9.052	9.17	9.298	9.848	
MUTYH	N6vUArvK7XdbktoAJU	rs10890324	3.5		3.35	-0.064	0.85	-3.76	0.2725	10.093	0.358	9.265	9.811	10.135	10.356	11.079	Yes
MX1	HFS7.KJOLiu7ubXtok	rs458966	4.73		4.52	-0.09	0.94	-15.52	0.4325	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs459498	7.74		7.39	0.15	3.52	-3.13	0.39	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs466513	4.81		4.60	-0.095	0.75	3.46	0.4548	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs468105	5.37		5.13	0.109	1.82	8.01	0.345	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs469083	6.01		5.74	0.124	2.45	10.56	0.315	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs468646	4.65		4.45	0.092	0.88	11.05	0.455	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs468440	5.37		5.13	0.107	2.53	16.37	0.3775	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs469066	4.68		4.47	0.093	2.29	-15.12	0.2825	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs469382	3.97		3.80	-0.077	1.4	-13.53	0.4625	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs469390	5.48		5.24	-0.108	2.78	-13.21	0.3675	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs2070229	4.52		4.33	0.087	2.43	-10.03	0.2725	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs6517666	5.69		5.44	0.111	2.84	-9.1	0.3875	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs467798	5.46		5.22	0.108	2.59	-6.26	0.41	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs467593	4.1		3.92	-0.08	2.09	-4.59	0.2825	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MX1	HFS7.KJOLiu7ubXtok	rs1557372	4.76		4.55	-0.093	2.47	1.4	0.345	12.066	0.457	10.92	11.73	12.029	12.306	14.483	
MXRA7	utdMU5K1T940VR6ShA	rs9897045	7.8		7.45	-0.152	0.69	-9.76	0.2175	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MXRA7	utdMU5K1T940VR6ShA	rs9910052	19.08		18.18	-0.35	2.89	-3.01	0.1175	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MXRA7	utdMU5K1T940VR6ShA	rs2286593	7.57		7.23	-0.151	0.82	9.63	0.2026	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MXRA7	utdMU5K1T940VR6ShA	rs1005645	40.7		38.75	0.616	3.3	-10.3	0.085	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MXRA7	utdMU5K1T940VR6ShA	rs1014390	25.76		24.54	-0.452	3.07	5.83	0.105	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MXRA7	utdMU5K1T940VR6ShA	rs2240769	3.85		3.68	0.075	2.82	11.1	0.325	7.379	0.242	7.108	7.222	7.294	7.445	8.346	
MYL4	Hi.ICRNO0q4Ji9SuU	rs16941635	7.93		7.57	-0.169	1.42	-24.76	0.1237	7.29	0.291	7.122	7.165	7.21	7.301	10.396	
MYLIP	3k.6CetJySv96jtqIU	rs6921677	3.57		3.42	0.069	2.34	-30.37	0.24	11.234	0.246	10.197	11.097	11.248	11.396	11.875	
MYO5C	NJHXLd6XujUuc97RQU	rs4405491	6.34		6.06	0.128	2.24	31	0.145	7.343	0.181	7.116	7.228	7.31	7.393	8.199	
MYO5C	NJHXLd6XujUuc97RQU	rs3825801	10.79		10.30	0.216	0.85	33.2	0.1025	7.343	0.181	7.116	7.228	7.31	7.393	8.199	
MYO5C	NJHXLd6XujUuc97RQU	rs3751631	7.77		7.42	0.161	2.69	49.83	0.17	7.343	0.181	7.116	7.228	7.31	7.393	8.199	
MYO5C	NJHXLd6XujUuc97RQU	rs8040562	10.72		10.23	-0.223	2.14	-14.33	0.0779	7.343	0.181	7.116	7.228	7.31	7.393	8.199	
MYO5C	NJHXLd6XujUuc97RQU	rs12594710	21.82		20.79	0.416	1.91	-6.51	0.05	7.343	0.181	7.116	7.228	7.31	7.393	8.199	
MYOM1	Kpbt27vvEiuO5.2Gpk	rs4798075	7.78		7.43	0.159	2.88	27.15	0.2075	8.176	0.317	7.483	7.926	8.138	8.413	9.393	
MYOM1	Kpbt27vvEiuO5.2Gpk	rs717183	5.71		5.46	0.121	2.36	32.82	0.2854	8.176	0.317	7.483	7.926	8.138	8.413	9.393	
MYOM1	Kpbt27vvEiuO5.2Gpk	rs1662336	7.53		7.19	-0.155	3.8	43.28	0.1825	8.176	0.317	7.483	7.926	8.138	8.413	9.393	
MYOM2	uP9GrupE6u6Rehu5JM	rs3779834	8.12		7.76	0.164	1.14	-32.97	0.1825	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs1866717	8.58		8.19	0.171	2.33	-32.83	0.385	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs6983960	8.52		8.14	-0.177	2.91	-30.22	0.435	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs4876223	3.97		3.80	-0.083	3.28	-28.29	0.3317	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs2280899	6.89		6.59	0.146	3.42	-21.04	0.3125	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs2280904	8.18		7.81	0.164	3.88	-2.2	0.28	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs10503170	5.49		5.25	0.11	1.42	-0.9	0.2275	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs9644319	8.41		8.03	-0.171	3.82	1.87	0.2828	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs9314453	18.35		17.49	0.346	4.79	3.63	0.315	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs17752155	6.83		6.52	-0.138	1.8	3.87	0.1925	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs7013774	8.19		7.82	-0.166	2.2	4.18	0.125	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs4529490	19.79		18.86	-0.375	6.43	4.45	0.2125	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs12676956	8.15		7.78	0.164	4.06	8.28	0.2825	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs17831401	15.15		14.44	0.299	3.97	8.3	0.055	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs1866719	10.62		10.13	-0.218	2.42	10	0.1106	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs7828726	7.57		7.23	-0.153	2.16	11.35	0.1005	9.065	0.954	7.271	8.338	8.922	9.735	11.934	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
MYOM2	uP9GrupE6u6Rehu5JM	rs9644321	8.21	7.84	0.171	2.49	11.8	0.4217	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs10094743	8	7.63	0.162	2.47	11.83	0.103	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs10093876	7.78	7.43	0.158	2.16	11.87	0.101	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs9314454	15.04	14.34	0.295	5.22	14.81	0.1575	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs9314455	15.53	14.80	0.297	2.78	15.68	0.3275	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs1036688	14.16	13.50	0.278	4.42	18.66	0.1625	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs1036689	4.66	4.45	0.095	1.25	18.75	0.445	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs10100885	13.19	12.58	-0.26	3.87	23.86	0.1575	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs2618814	5.65	5.40	-0.12	2.45	26.86	0.4824	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs731869	6.08	5.81	0.122	3.37	29.73	0.295	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYOM2	uP9GrupE6u6Rehu5JM	rs11989864	4.82	4.61	-0.094	1.1	37.74	0.13	9.065	0.954	7.271	8.338	8.922	9.735	11.934	
MYT1L	WqVU_9MEkzk.VRZvu0	rs6759577	10.2	9.74	0.199	5.52	-6.68	0.3056	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
MYT1L	WqVU_9MEkzk.VRZvu0	rs7588942	7.98	7.62	0.152	6.57	6.81	0.39	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
MYT1L	WqVU_9MEkzk.VRZvu0	rs6548056	3.9	3.73	-0.073	4.28	20.44	0.33	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
MYT1L	WqVU_9MEkzk.VRZvu0	rs4853831	6.61	6.32	0.127	6.19	20.78	0.4425	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
MYT1L	WqVU_9MEkzk.VRZvu0	rs4645032	8.02	7.66	0.156	6.94	27.18	0.425	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
MYT1L	WqVU_9MEkzk.VRZvu0	rs6755207	3.61	3.46	0.066	0.73	31.24	0.06	7.157	0.107	7.099	7.111	7.12	7.157	8.171	
N4BP2	9is.Auf4hePTIVQKus	rs11737408	15.53	14.80	-0.289	6.95	-49.91	0.3075	8.226	0.396	7.255	7.961	8.243	8.462	9.702	
N4BP2	9is.Auf4hePTIVQKus	rs1706023	9.39	8.97	-0.18	3.2	-24.11	0.4213	8.226	0.396	7.255	7.961	8.243	8.462	9.702	
N4BP2	9is.Auf4hePTIVQKus	rs4974961	19.66	18.74	0.363	5.98	-1.29	0.4075	8.226	0.396	7.255	7.961	8.243	8.462	9.702	
N4BP2	9is.Auf4hePTIVQKus	rs9993439	8.8	8.40	0.168	3.21	3.51	0.2764	8.226	0.396	7.255	7.961	8.243	8.462	9.702	
N4BP2	9is.Auf4hePTIVQKus	rs6531759	20.67	19.70	-0.379	6.72	5.94	0.31	8.226	0.396	7.255	7.961	8.243	8.462	9.702	
NAE1	f9dTE.hJ7epXzokxLo	rs363175	7.44	7.11	-0.144	2.68	-9.23	0.3525	7.321	0.186	7.094	7.174	7.281	7.407	7.994	Yes
NAE1	f9dTE.hJ7epXzokxLo	rs422945	7.44	7.11	0.144	2.68	1.75	0.3525	7.321	0.186	7.094	7.174	7.281	7.407	7.994	Yes
NAE1	f9dTE.hJ7epXzokxLo	rs187431	4.08	3.91	0.075	2.68	41.99	0.4875	7.321	0.186	7.094	7.174	7.281	7.407	7.994	Yes
NAE1	f9dTE.hJ7epXzokxLo	rs149156	4.08	3.91	0.075	2.68	47.83	0.4875	7.321	0.186	7.094	7.174	7.281	7.407	7.994	Yes
NAGA	EU6H6i_qlIvXofhQ8	rs1801311	3.57	3.42	0.064	1.84	19.95	0.3125	8.212	0.422	7.314	7.923	8.136	8.386	9.928	
NAGA	EU6H6i_qlIvXofhQ8	rs2413669	3.57	3.42	-0.064	1.86	40.98	0.3125	8.212	0.422	7.314	7.923	8.136	8.386	9.928	
NAGA	EU6H6i_qlIvXofhQ8	rs11090076	3.57	3.42	0.064	1.84	47.42	0.3125	8.212	0.422	7.314	7.923	8.136	8.386	9.928	
NAPRT1	B1V4h2iap4egEEYNHQ	rs2290416	3.62	3.46	0.068	0.47	0.64	0.075	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs1809148	36.14	34.41	0.567	6.05	2.58	0.14	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs2123758	15.25	14.54	-0.297	5.06	3.17	0.4091	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs2382962	15.04	14.34	-0.29	3.09	8.9	0.0779	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs4874159	14.66	13.98	0.284	3.1	10.46	0.14	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs4874164	14.66	13.98	-0.284	3.1	14.55	0.14	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs896962	5.6	5.35	0.108	1.57	26.6	0.15	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs2242089	4.27	4.08	-0.08	1.65	28.65	0.18	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs2045084	4.31	4.13	0.084	0.31	33.35	0.3825	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NAPRT1	B1V4h2iap4egEEYNHQ	rs4873809	6.31	6.03	-0.13	0.9	33.57	0.2474	10.08	0.59	7.853	9.798	10.193	10.413	11.655	
NARFL	W4plklavdFXh96KfV8	rs12448432	3.66	3.50	-0.071	1.12	-0.95	0.215	7.814	0.289	7.365	7.628	7.736	7.919	8.935	
NBPF3	rG9EYc7JE5ai43IIT0	rs12118362	6.27	6.00	0.127	3.7	5.37	0.2437	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs4654748	6.65	6.36	-0.136	1.9	19.44	0.45	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs1827293	8.11	7.75	-0.166	1.51	-16	0.48	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs7537914	3.84	3.68	-0.075	0.93	-14.78	0.315	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs4654947	3.93	3.76	-0.078	2.03	-6.34	0.2889	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs1780324	10.11	9.64	-0.203	3.78	10.36	0.495	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs10799702	6.98	6.66	0.141	2.31	10.49	0.4575	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NBPF3	rG9EYc7JE5ai43IIT0	rs1697421	6.76	6.46	-0.136	3.12	11.9	0.465	7.438	0.173	7.108	7.299	7.441	7.575	7.98	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs2532501	10.84	10.35	-0.218	2.97	-40.55	0.2975	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs12964	6.4	6.11	0.127	2.59	-31.11	0.4925	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs1048402	12.5	11.93	0.248	4	-2.12	0.2825	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs7134136	13	12.40	0.258	3.86	6.2	0.2825	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs7298053	5.18	4.95	0.1	2.21	15.75	0.4125	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs917634	4.62	4.42	-0.09	1.04	-9.64	0.4775	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs740851	5.01	4.79	-0.097	1.99	-24.26	0.415	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCAPD2	WjXKC3vXtdXuSrNeyo	rs1558333	5.62	5.38	-0.11	3.08	-3.46	0.1625	9.725	0.385	8.661	9.469	9.686	9.911	11.237	
NCNF4	Tu1eiS4qhFJABFSd0g	rs5756379	4.27	4.08	-0.077	2.38	1.84	0.34	8.611	0.417	7.514	8.341	8.539	8.876	10.214	Yes
NCKAP1	QhwhU65XvpPJHFPsV4	rs4392211	4.94	4.73	0.096	1.49	-9.2	0.2425	8.256	0.228	7.621	8.12	8.248	8.405	8.928	
NCKAP1	QhwhU65XvpPJHFPsV4	rs9333280	4.94	4.73	-0.096	1.49	3.79	0.2425	8.256	0.228	7.621	8.12	8.248	8.405	8.928	
NCKAP1	QhwhU65XvpPJHFPsV4	rs7595898	4.1	3.92	-0.08	1.58	30.29	0.0875	8.256	0.228	7.621	8.12	8.248	8.405	8.928	
NCKAP1	QhwhU65XvpPJHFPsV4	rs17265880	4.39	4.20	-0.085	1.76	-53.22	0.15	8.256	0.228	7.621	8.12	8.248	8.405	8.928	
NCLN	Et6p0p67qOSWljiAMA	rs550581	4.06	3.89	-0.079	1.01	5.73	0.3975	10.119	0.432	8.847	9.862	10.073	10.391	11.141	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)					SNP mapping under probe		
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)			Mean	Standard Deviation	Minimum	25th percentile	Median		75th percentile	Maximum
NCOA3	9UTgOHZqo64nuHn_eE	rs1569438	3.29	3.15	-0.064	1.72	55.91	0.125	10.277	0.392	8.498	10.015	10.262	10.523	11.233	
NCOA7	WeyXq7G.R0L3XHih34	rs622936	5.37	5.14	0.106	2.27	44.4	0.3166	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs9401850	5.44	5.20	0.103	1.24	48.69	0.4086	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs490361	5.34	5.10	-0.105	2.42	50.95	0.3141	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs9321057	5.49	5.25	0.103	1.69	54.64	0.41	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs584032	7.41	7.08	-0.14	2.84	62.7	0.43	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs9401851	3.29	3.15	0.06	1.22	-70.3	0.4721	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs17745584	3.44	3.29	0.062	2.57	-56.12	0.13	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCOA7	WeyXq7G.R0L3XHih34	rs9401855	3.35	3.20	0.06	3.55	-20.19	0.4196	10.044	0.235	9.398	9.876	10.022	10.235	10.602	
NCR3	NKVETFd96e8qifq1eA	rs2844509	6.03	5.77	-0.116	1.81	-45.75	0.2325	9.196	0.523	7.446	8.927	9.199	9.579	10.706	
NCR3	NKVETFd96e8qifq1eA	rs2239705	8.94	8.54	0.174	1.97	-43.27	0.175	9.196	0.523	7.446	8.927	9.199	9.579	10.706	
NCR3	NKVETFd96e8qifq1eA	rs6916921	19.67	18.74	-0.348	3.03	-36.25	0.105	9.196	0.523	7.446	8.927	9.199	9.579	10.706	
NCR3	NKVETFd96e8qifq1eA	rs986475	21.49	20.48	-0.373	3.28	0.04	0.1025	9.196	0.523	7.446	8.927	9.199	9.579	10.706	
NCR3	NKVETFd96e8qifq1eA	rs2260000	3.49	3.36	-0.064	0.16	32.71	0.3668	9.196	0.523	7.446	8.927	9.199	9.579	10.706	
NDRG1	BFV6X4sgC2qNqkling	rs7013213	3.51	3.34	0.067	2.56	18.89	0.3141	10.326	0.288	9.423	10.13	10.347	10.531	11.178	
NDRG1	BFV6X4sgC2qNqkling	rs13255915	3.53	3.38	-0.068	2.28	19.49	0.315	10.326	0.288	9.423	10.13	10.347	10.531	11.178	
NDRG1	BFV6X4sgC2qNqkling	rs16904891	3.36	3.22	0.063	0.41	22.56	0.1725	10.326	0.288	9.423	10.13	10.347	10.531	11.178	
NDUFA3	EIECOnmtpI9dCDI6g	rs254259	4.35	4.17	0.079	2.32	0.24	0.42	11.999	0.365	9.627	11.823	12.047	12.244	12.677	
NDUFA7	ceeyeUellKa4dSddUw	rs1019757	3.34	3.20	0.063	0.81	3.25	0.236	9.976	0.333	8.933	9.803	9.992	10.202	10.953	Yes
NDUFB1	QgAss4.nptFXedbmpk	rs3814833	15.52	14.80	-0.294	5.4	1.11	0.32	7.333	0.134	7.132	7.236	7.302	7.399	8.052	
NDUFB1	QgAss4.nptFXedbmpk	rs12586783	5.55	5.30	-0.107	3.55	1.99	0.1375	7.333	0.134	7.132	7.236	7.302	7.399	8.052	
NDUFB1	QgAss4.nptFXedbmpk	rs4548800	5.38	5.14	-0.103	1.48	-1.59	0.1591	7.333	0.134	7.132	7.236	7.302	7.399	8.052	
NDUFB1	QgAss4.nptFXedbmpk	rs2295726	3.86	3.70	-0.075	0.08	12.64	0.171	7.333	0.134	7.132	7.236	7.302	7.399	8.052	
NDUFB1	QgAss4.nptFXedbmpk	rs2025072	6.5	6.21	-0.129	2.12	38.98	0.397	7.333	0.134	7.132	7.236	7.302	7.399	8.052	
NDUFS4	cq_pNBp41fNQTr3BfQ	rs11743262	4.97	4.76	-0.094	1.97	59.54	0.1382	11.034	0.21	10.413	10.917	11.06	11.164	11.613	
NDUFS4	cq_pNBp41fNQTr3BfQ	rs2124948	3.36	3.22	0.063	0.99	-50.78	0.485	11.034	0.21	10.413	10.917	11.06	11.164	11.613	
NDUFS4	cq_pNBp41fNQTr3BfQ	rs10513019	5	4.78	-0.095	1.99	-34.74	0.14	11.034	0.21	10.413	10.917	11.06	11.164	11.613	
NDUFS4	cq_pNBp41fNQTr3BfQ	rs4147739	4.89	4.67	-0.093	2.08	-12.15	0.1407	11.034	0.21	10.413	10.917	11.06	11.164	11.613	
NDUFS4	cq_pNBp41fNQTr3BfQ	rs2290697	3.36	3.22	0.063	1.06	-0.45	0.485	11.034	0.21	10.413	10.917	11.06	11.164	11.613	
NDUFS5	9Q1luuBJXEI6etjOc	rs10886650	5.36	5.13	-0.108	1.96	6.87	0.3275	12.117	0.349	9.699	11.96	12.18	12.33	12.711	
NEFH	NrQlfSj3c96CJrUro	rs13054354	3.74	3.58	0.074	3	-36.04	0.1809	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEFH	NrQlfSj3c96CJrUro	rs13053817	3.53	3.39	0.069	2.74	-28.5	0.1825	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEFH	NrQlfSj3c96CJrUro	rs165607	3.68	3.53	0.073	0.6	1.2	0.1425	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEFH	NrQlfSj3c96CJrUro	rs165821	3.78	3.62	0.075	0.52	1.41	0.1432	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEFH	NrQlfSj3c96CJrUro	rs3815335	4.18	4.00	0.085	1.06	5.25	0.3425	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEFH	NrQlfSj3c96CJrUro	rs2008880	3.6	3.45	-0.071	1.19	26.52	0.135	7.516	0.184	7.157	7.385	7.491	7.626	8.299	
NEIL2	oeijUqOKMi6XiJLn6M	rs10503426	4.05	3.87	-0.076	3.47	-37.87	0.4648	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs2898295	3.48	3.33	0.065	2.76	-31.29	0.4975	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs2029969	3.78	3.62	0.071	2.52	-22.4	0.35	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs3735814	6.56	6.27	-0.132	3.61	-19.86	0.445	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs13273672	4.16	3.98	-0.08	2.17	-14.88	0.29	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs804280	7.09	6.77	-0.143	3.8	-14.56	0.47	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs1062219	4.44	4.25	-0.09	3.13	-10.85	0.4949	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs809204	3.41	3.26	0.065	3.69	-8.09	0.3	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs1466785	4.73	4.52	0.094	3.17	-3.8	0.3869	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs804267	3.49	3.34	-0.067	1.45	1.98	0.3775	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEIL2	oeijUqOKMi6XiJLn6M	rs2686187	4.1	3.92	-0.08	2.55	9.94	0.3675	8.826	0.299	8.104	8.614	8.846	9.005	9.742	
NEK11	Nh3JcQTnicSVIjSE5c	rs13093185	6.64	6.32	-0.128	1.39	-16.24	0.1925	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs218503	4.45	4.26	-0.084	1.67	-8.1	0.27	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs903046	7.98	7.62	-0.155	1.62	9.4	0.205	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs10512798	7.98	7.62	0.155	1.43	40.6	0.205	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs7634905	7.47	7.13	-0.145	1.2	81.28	0.2075	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs2718872	7.36	7.03	0.143	1.09	126.32	0.21	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs9868843	3.43	3.29	0.065	1.04	-137.31	0.4162	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs6768031	3.96	3.79	-0.073	1.94	-118.16	0.2375	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs6439279	4.16	3.98	0.078	2.05	-60.17	0.2325	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NEK11	Nh3JcQTnicSVIjSE5c	rs4429602	4.21	4.03	-0.079	0.83	44.43	0.075	7.327	0.112	7.145	7.242	7.307	7.385	7.723	
NELL2	EW4TXgV6MgJeJU_je4	rs2408085	7.02	6.71	-0.136	4.85	-38.75	0.14	11.197	0.456	9.6	10.929	11.263	11.501	12.115	
NELL2	EW4TXgV6MgJeJU_je4	rs2710455	6.89	6.58	0.133	4.8	-21.03	0.1375	11.197	0.456	9.6	10.929	11.263	11.501	12.115	
NELL2	EW4TXgV6MgJeJU_je4	rs2710459	7.59	7.25	-0.145	5.05	-19.03	0.15	11.197	0.456	9.6	10.929	11.263	11.501	12.115	
NELL2	EW4TXgV6MgJeJU_je4	rs1506681	6.77	6.47	-0.131	4.95	19.46	0.1364	11.197	0.456	9.6	10.929	11.263	11.501	12.115	
NELL2	EW4TXgV6MgJeJU_je4	rs1039669	6.89	6.58	0.133	4.8	42.94	0.1375	11.197	0.456	9.6	10.929	11.263	11.501	12.115	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
NFE2L3	ThQrKUIDVBRzndS7FQ	rs3814095	15.66	14.93	-0.293	3.3	-44.64	0.16	8.215	0.244	7.167	8.055	8.236	8.38	8.704
NFE2L3	ThQrKUIDVBRzndS7FQ	rs6973742	5.03	4.81	-0.096	1.8	-40.67	0.395	8.215	0.244	7.167	8.055	8.236	8.38	8.704
NFE2L3	ThQrKUIDVBRzndS7FQ	rs2057763	15.98	15.24	0.297	3.38	-36.46	0.155	8.215	0.244	7.167	8.055	8.236	8.38	8.704
NFE2L3	ThQrKUIDVBRzndS7FQ	rs2107348	15.66	14.93	-0.293	3.3	-36.35	0.16	8.215	0.244	7.167	8.055	8.236	8.38	8.704
NINJ2	IKULEVp8KOeveHcVR4	rs9861	3.37	3.23	-0.064	1.46	-1.09	0.3492	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs2607916	3.58	3.42	0.068	2.1	43.05	0.24	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs1471132	5.4	5.16	0.104	4.48	-21.45	0.3475	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs10744703	4.83	4.62	-0.094	3.57	-1.53	0.365	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs17754970	4.88	4.67	-0.098	3.11	0.51	0.21	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs3809263	9.29	8.86	-0.185	7.34	0.7	0.385	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NINJ2	IKULEVp8KOeveHcVR4	rs7298096	9.82	9.37	0.198	5.76	3.72	0.4125	9.492	0.48	8.174	9.154	9.525	9.794	10.794
NKX2-3	cj7aqGSh32KAFJYOI0	rs9665572	3.36	3.22	-0.062	0.51	-42.36	0.2475	7.137	0.02	7.106	7.123	7.133	7.146	7.248
NKX2-3	cj7aqGSh32KAFJYOI0	rs10736142	3.5	3.35	0.066	0.6	-31.66	0.2462	7.137	0.02	7.106	7.123	7.133	7.146	7.248
NLP	QmxET11Ap9HZ6gbQVI	rs2500406	3.65	3.49	-0.07	1.55	-31.48	0.3392	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLP	QmxET11Ap9HZ6gbQVI	rs3764694	12.73	12.14	0.251	3.42	-10.85	0.1425	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLP	QmxET11Ap9HZ6gbQVI	rs2281212	12.06	11.51	0.237	3.57	32.25	0.175	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLP	QmxET11Ap9HZ6gbQVI	rs6050690	7.92	7.57	-0.159	2.5	-0.91	0.2225	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLP	QmxET11Ap9HZ6gbQVI	rs6115227	7.2	6.88	0.146	2.93	25.22	0.25	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLP	QmxET11Ap9HZ6gbQVI	rs11700338	12.6	12.02	-0.249	3.93	29.71	0.1325	7.184	0.057	7.108	7.143	7.172	7.204	7.445
NLRP2	3nv4BfhO9S6RXWhHSs	rs1036231	8.9	8.49	-0.166	3	-14.66	0.295	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1654496	9.32	8.90	-0.173	4.18	-10.67	0.3175	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1671133	7.41	7.08	0.138	3.41	-5.46	0.4525	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1043673	7.66	7.31	-0.141	2.94	-0.27	0.4275	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs10415310	8.11	7.75	0.151	4.25	3.47	0.3375	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1654410	6.94	6.63	0.131	1.58	12.31	0.4523	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs10416380	7.67	7.32	0.145	2.04	12.4	0.1725	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs11084381	7.18	6.86	-0.139	2	22.91	0.1818	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1613662	8.64	8.25	-0.165	2.53	24.09	0.1683	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1671196	7.18	6.86	0.138	2.03	27.04	0.18	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1671215	5.77	5.52	-0.106	2.07	40.51	0.315	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs1059211	8.19	7.85	-0.153	3.33	47.23	0.2487	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NLRP2	3nv4BfhO9S6RXWhHSs	rs6509916	5.39	5.12	0.1	2.55	49.9	0.45	8.066	0.55	7.098	7.675	8.045	8.437	9.516
NMB	fION52g115wKd6m4k	rs11635597	4.56	4.36	-0.089	2.09	-32.66	0.33	7.602	0.18	7.234	7.463	7.58	7.731	8.117
NMB	fION52g115wKd6m4k	rs2271431	4.56	4.36	0.089	1.43	-8.9	0.33	7.602	0.18	7.234	7.463	7.58	7.731	8.117
NMB	fION52g115wKd6m4k	rs11638290	4.11	3.94	-0.08	1.64	25.83	0.3325	7.602	0.18	7.234	7.463	7.58	7.731	8.117
NME1	uqUJrmHtx.Kjbf0KY	rs10514981	3.63	3.47	-0.07	1.37	-11.47	0.206	7.203	0.073	7.108	7.151	7.183	7.234	7.526
NME1	Koi5lgojafuv0V4oHo	rs16949649	12.04	11.48	-0.23	5.83	-0.61	0.3725	10.261	0.3	8.645	10.091	10.274	10.424	10.946
NME1	uqUJrmHtx.Kjbf0KY	rs16949649	6.65	6.36	-0.13	2.59	-0.61	0.3725	7.203	0.073	7.108	7.151	7.183	7.234	7.526
NME1	Koi5lgojafuv0V4oHo	rs3760469	7.54	7.20	-0.149	4.91	-0.37	0.47	10.261	0.3	8.645	10.091	10.274	10.424	10.946
NME1	uqUJrmHtx.Kjbf0KY	rs3760469	5.48	5.24	-0.109	1.84	-0.37	0.47	7.203	0.073	7.108	7.151	7.183	7.234	7.526
NME1	Koi5lgojafuv0V4oHo	rs2041296	5.22	4.99	0.1	2.84	-1.89	0.1825	10.261	0.3	8.645	10.091	10.274	10.424	10.946
NME1	uqUJrmHtx.Kjbf0KY	rs2318785	4.24	4.06	0.083	0.93	0.07	0.49	7.203	0.073	7.108	7.151	7.183	7.234	7.526
NME1	Koi5lgojafuv0V4oHo	rs2318785	4.16	3.98	0.08	2.1	0.07	0.49	10.261	0.3	8.645	10.091	10.274	10.424	10.946
NME2	Bl66ml00Jn2JlKj1I0	rs16949649	4.27	4.09	0.078	1.36	-13.33	0.3725	11.706	0.516	7.474	11.509	11.774	11.991	12.537
NME2	Bl66ml00Jn2JlKj1I0	rs3760469	3.35	3.21	0.061	1.18	-13.09	0.47	11.706	0.516	7.474	11.509	11.774	11.991	12.537
NME2	Bl66ml00Jn2JlKj1I0	rs2041296	3.32	3.18	-0.059	0.86	-6.08	0.1825	11.706	0.516	7.474	11.509	11.774	11.991	12.537
NME4	fr7ISROrrEcPOH1VJ0	rs3904991	11.54	11.01	-0.233	5.43	-4.39	0.4495	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME4	fr7ISROrrEcPOH1VJ0	rs1698231	3.6	3.44	-0.072	3.54	16.83	0.4475	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME4	fr7ISROrrEcPOH1VJ0	rs1204509	4.6	4.40	-0.093	4.14	29.34	0.4472	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME4	fr7ISROrrEcPOH1VJ0	rs1698232	6.96	6.65	-0.139	4.89	34.8	0.4375	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME4	fr7ISROrrEcPOH1VJ0	rs12926123	7.09	6.77	0.142	4.9	36.97	0.4347	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME4	fr7ISROrrEcPOH1VJ0	rs7196963	3.85	3.68	-0.074	4.12	44.78	0.37	9.354	0.35	8.258	9.11	9.371	9.608	10.125
NME7	cUg570ex43llo6XPlo	rs3753292	3.32	3.18	-0.063	1.27	-10.3	0.4725	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs1892094	4.12	3.94	0.081	1.52	-7.31	0.4925	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs1200160	4.43	4.24	0.088	1.39	1.43	0.495	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs17349439	3.67	3.52	-0.071	0.69	44.67	0.3175	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs1200082	4.48	4.28	0.09	1.55	58.96	0.165	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs1208370	7.14	6.82	0.145	2.04	68.26	0.3763	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs1208377	7.31	6.98	-0.148	2.2	90.09	0.3744	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs6703463	3.92	3.75	0.079	1.17	97.66	0.3883	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs2157597	3.64	3.48	0.071	0.76	99.8	0.3191	8.49	0.201	7.946	8.35	8.479	8.64	9.018
NME7	cUg570ex43llo6XPlo	rs12121994	3.56	3.41	0.069	0.75	-78.88	0.3375	8.49	0.201	7.946	8.35	8.479	8.64	9.018

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC add	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
										Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
NME7	cUg570ex43llo6XPlo	rs12118611	3.71	3.55	0.072	0.69	-61.56	0.32	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs10753786	7.5	7.16	-0.152	2.09	-48.42	0.39	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs10800431	6.79	6.48	-0.136	1.44	-45.98	0.4475	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs7538259	6.79	6.48	-0.136	1.44	-43.47	0.4475	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs10919144	6.79	6.48	0.136	1.57	-28.76	0.4475	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs2176473	6.32	6.04	0.128	1.23	-5.38	0.3425	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NME7	cUg570ex43llo6XPlo	rs6677410	4.44	4.25	-0.09	0.16	16.11	0.3838	8.49	0.201	7.946	8.35	8.479	8.64	9.018	
NMNAT3	i5GeDkveJOkmlXirSM	rs11720063	3.53	3.38	-0.069	1.9	14.19	0.3075	7.275	0.12	7.11	7.181	7.259	7.341	7.886	
NOD2	0epSD9AaXRyn3r45e4	rs9302752	4.72	4.52	-0.094	2.71	-11.95	0.28	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOD2	0epSD9AaXRyn3r45e4	rs7194886	4.82	4.61	0.092	2.8	-5.86	0.4125	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOD2	0epSD9AaXRyn3r45e4	rs2111234	3.48	3.33	-0.066	2.74	2.98	0.3275	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOD2	0epSD9AaXRyn3r45e4	rs8057341	3.59	3.44	0.068	3.05	6.93	0.3275	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOD2	0epSD9AaXRyn3r45e4	rs11647841	3.37	3.23	-0.062	2.6	12.28	0.3852	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOD2	0epSD9AaXRyn3r45e4	rs10521209	3.36	3.22	-0.061	2.58	-11.28	0.4075	8.637	0.509	7.719	8.297	8.601	8.879	10.598	
NOLA3	odbBQHfaHuJXjI_Uk	rs6495662	5.46	5.22	0.11	2.35	-3.34	0.1875	11.902	0.287	10.73	11.732	11.95	12.093	12.632	
NOLA3	odbBQHfaHuJXjI_Uk	rs8031404	3.48	3.33	-0.067	2.16	2.34	0.1125	11.902	0.287	10.73	11.732	11.95	12.093	12.632	
NOLA3	odbBQHfaHuJXjI_Uk	rs12595504	3.48	3.33	0.067	2.16	2.84	0.1125	11.902	0.287	10.73	11.732	11.95	12.093	12.632	
NOM1	cq5pxwjgABzRhLpFF4	rs2969114	5.72	5.47	-0.11	0.92	-13.75	0.24	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs12670999	7.66	7.32	0.15	2.08	5.62	0.215	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs887614	6.32	6.04	0.126	0.9	8.28	0.435	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs887611	6.32	6.04	0.126	0.9	8.81	0.435	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs2024265	15.14	14.44	0.292	4.07	-8.25	0.245	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs2302445	6.08	5.81	0.124	1.25	-4.06	0.4162	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs12919	6.82	6.52	0.138	1.26	-3.63	0.4225	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs10227139	5.97	5.71	0.122	0.77	4.56	0.4086	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOM1	cq5pxwjgABzRhLpFF4	rs6963005	3.6	3.44	-0.066	2.17	6.67	0.135	7.241	0.106	7.108	7.153	7.217	7.299	7.568	Yes
NOVA2	ospWHkV1X3rLTKSj4s	rs2015728	4.73	4.53	0.1	0.58	-23.91	0.0859	7.14	0.029	7.103	7.124	7.133	7.149	7.312	
NPDC1	ZvyFVAeik6lFsiZKA	rs12337910	7	6.68	-0.134	2.5	-4.49	0.095	9.082	0.505	7.893	8.73	9.08	9.447	10.327	
NPEPL1	ISVJXuAjonh_eSgF48	rs6128397	4.5	4.30	0.084	0.12	-14.73	0.3	10.573	0.386	9.583	10.305	10.588	10.846	11.596	
NPEPL1	ISVJXuAjonh_eSgF48	rs8978	5	4.78	0.095	0.4	-0.05	0.368	10.573	0.386	9.583	10.305	10.588	10.846	11.596	
NPEPL1	ISVJXuAjonh_eSgF48	rs2426778	3.59	3.44	-0.066	0.51	2.58	0.475	10.573	0.386	9.583	10.305	10.588	10.846	11.596	
NPEPL1	ISVJXuAjonh_eSgF48	rs6070563	3.33	3.19	0.058	0.51	4.23	0.285	10.573	0.386	9.583	10.305	10.588	10.846	11.596	
NPHP1	9th0V_Sl_TdlwF7h4	rs10496435	3.36	3.22	-0.065	2.19	-33.42	0.365	7.113	0.011	7.094	7.105	7.111	7.117	7.168	
NPHP3	xnH8l_U9d_f9JLleIQ	rs12636883	5.42	5.18	0.105	0.78	-11.75	0.1558	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPHP3	xnH8l_U9d_f9JLleIQ	rs11718115	5.29	5.05	-0.101	0.94	-5.45	0.31	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPHP3	xnH8l_U9d_f9JLleIQ	rs2369832	6.49	6.20	-0.126	1.37	-3.89	0.185	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPHP3	xnH8l_U9d_f9JLleIQ	rs3860503	5.59	5.34	0.107	0.71	-2.98	0.205	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPHP3	xnH8l_U9d_f9JLleIQ	rs747328	3.96	3.79	0.076	0.6	2.38	0.1875	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPHP3	xnH8l_U9d_f9JLleIQ	rs10935030	4.74	4.54	0.094	0.73	5.83	0.1558	9.062	0.379	7.997	8.765	9.086	9.329	9.934	
NPTXR	TUVJ6EaiH4ISX3h5PQ	rs8141420	3.32	3.18	0.063	1.3	17.38	0.2425	7.327	0.123	7.16	7.239	7.293	7.395	7.743	
NPY2R	KRR4EgP3UqJRKd19Nk	rs17304749	3.59	3.44	-0.069	0.48	-15.91	0.055	7.108	0.01	7.093	7.102	7.105	7.112	7.164	
NQO2	EaikaW17EYISi0iPc	rs3799200	3.51	3.36	0.064	0.49	-42.14	0.1834	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs7743193	4.12	3.94	-0.077	0.68	-29.66	0.3375	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs2326106	6.37	6.09	-0.122	0.91	-10.65	0.201	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs1054132	7.47	7.13	0.152	1.24	-9.34	0.4275	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs2071002	8.52	8.14	-0.165	1.85	0.07	0.2975	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs4149352	8.01	7.65	0.165	1.9	2.01	0.255	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs1143684	10.6	10.11	-0.215	2.93	-9.6	0.235	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs9378352	13.83	13.19	-0.272	4.09	-8.85	0.39	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs1885298	11.2	10.69	-0.219	1.87	-2.41	0.1875	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs10223369	14.27	13.60	0.276	4.76	-1.82	0.3375	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs4149370	12.93	12.33	0.249	3.51	-0.34	0.285	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs1885300	12.79	12.20	0.242	2.45	9.13	0.2275	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs1040521	7.35	7.02	-0.144	2.71	19.61	0.3889	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs7774283	7.7	7.36	-0.15	2.77	21.21	0.385	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs7761969	7.94	7.58	-0.155	4.25	29.99	0.3775	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs7775816	5.83	5.57	-0.117	3.74	37.42	0.1784	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NQO2	EaikaW17EYISi0iPc	rs12200314	7	6.69	0.137	4.34	38.7	0.4025	8.388	0.345	7.668	8.132	8.352	8.561	9.754	
NR1D2	ZfmgDID467VQ5VF0SI	rs11718625	3.56	3.41	0.066	1.82	-49.84	0.1625	8.389	0.474	7.286	8.065	8.369	8.654	9.932	
NR1D2	ZfmgDID467VQ5VF0SI	rs9876561	5.48	5.24	0.107	3.66	-49.02	0.2175	8.389	0.474	7.286	8.065	8.369	8.654	9.932	
NR1D2	ZfmgDID467VQ5VF0SI	rs2001209	9.18	8.76	-0.182	4.9	-24.16	0.2875	8.389	0.474	7.286	8.065	8.369	8.654	9.932	
NR1D2	ZfmgDID467VQ5VF0SI	rs13325754	6.66	6.36	-0.132	3.6	-4.48	0.22	8.389	0.474	7.286	8.065	8.369	8.654	9.932	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile	
NR1D2	ZfmgDiD467VQ5VF0SI	rs4131864	4.58	4.38	0.087	2.61	-1	0.2575	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR1D2	ZfmgDiD467VQ5VF0SI	rs3935253	3.44	3.30	-0.067	1.35	12.95	0.065	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR1D2	ZfmgDiD467VQ5VF0SI	rs1567580	3.44	3.30	0.067	1.45	15.54	0.065	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR1D2	ZfmgDiD467VQ5VF0SI	rs4568061	4.39	4.20	0.084	2.67	28.28	0.315	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR1D2	ZfmgDiD467VQ5VF0SI	rs4356765	3.93	3.76	-0.075	2.44	30.79	0.295	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR1D2	ZfmgDiD467VQ5VF0SI	rs951015	4.19	4.01	0.08	2.92	32.55	0.3116	8.389	0.474	7.286	8.065	8.369	8.654	9.932
NR2F6	iVck4H7qOuq_n1ek44	rs2288540	4.32	4.13	-0.088	0.83	-5.35	0.1111	7.944	0.385	7.263	7.63	7.915	8.181	9.065
NR2F6	iVck4H7qOuq_n1ek44	rs744067	3.4	3.26	-0.063	1.2	-2.75	0.1	7.944	0.385	7.263	7.63	7.915	8.181	9.065
NR2F6	iVck4H7qOuq_n1ek44	rs7258100	5.53	5.28	0.114	1.36	-2.29	0.11	7.944	0.385	7.263	7.63	7.915	8.181	9.065
NR2F6	iVck4H7qOuq_n1ek44	rs2288539	6.61	6.32	-0.138	1.67	-4.62	0.1156	7.944	0.385	7.263	7.63	7.915	8.181	9.065
NR2F6	iVck4H7qOuq_n1ek44	rs9676419	5.31	5.07	-0.106	1.57	11.28	0.24	7.944	0.385	7.263	7.63	7.915	8.181	9.065
NR6A1	KJSIhQjop7okk.Vvl0	rs10818986	3.97	3.80	0.076	0.26	-62.68	0.0875	7.121	0.018	7.098	7.111	7.119	7.127	7.291
NRBP2	EF3.vgq6T3nhRJHUE	rs11778556	3.43	3.43	-0.068	1.92	3.07	0.2652	9.357	0.378	8.191	9.066	9.35	9.636	10.905
NRG1	rcTUUeoQIN_wDualKI	rs17646307	6.33	6.05	-0.119	1.37	-7.73	0.0675	7.342	0.248	7.115	7.182	7.235	7.404	8.427
NRG1	rcTUUeoQIN_wDualKI	rs10503920	4.57	4.37	0.085	1.02	22.84	0.31	7.342	0.248	7.115	7.182	7.235	7.404	8.427
NRG1	rcTUUeoQIN_wDualKI	rs2466066	3.87	3.71	-0.073	0.31	32.56	0.273	7.342	0.248	7.115	7.182	7.235	7.404	8.427
NRG1	rcTUUeoQIN_wDualKI	rs10954859	3.34	3.20	-0.06	0.9	36.5	0.2613	7.342	0.248	7.115	7.182	7.235	7.404	8.427
NRXN3	HaAa1Q7JKQs4WVXg4	rs8007529	3.94	3.77	0.076	0.98	26.84	0.065	7.114	0.013	7.098	7.107	7.111	7.118	7.246
NSUN2	EkXS67iPBOS6rwekU	rs10223157	3.33	3.19	-0.063	1.53	-6.64	0.2975	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs7700639	3.52	3.37	0.068	1.36	7.46	0.4689	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs720846	5.69	5.44	0.111	3.99	8.56	0.2975	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs1366297	5.36	5.13	0.104	3.63	8.8	0.3125	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs6882580	3.33	3.19	-0.063	2.66	9.67	0.3275	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs3822432	4.3	4.13	0.086	3.39	9.76	0.4095	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs3756429	5.36	5.11	-0.104	3.63	13.79	0.3125	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs2303705	4.01	3.84	0.076	1.93	-11.14	0.4075	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs10037161	4.01	3.84	0.076	2.05	-8.86	0.4075	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs6874005	3.89	3.72	-0.073	2.04	-8.79	0.405	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs7706809	3.64	3.48	-0.072	1.38	2.81	0.4048	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NSUN2	EkXS67iPBOS6rwekU	rs4702374	3.68	3.53	-0.07	1.91	5.27	0.415	11.353	0.329	8.565	11.195	11.365	11.504	12.693
NT5C3	EHVCIHwg6SOi6UO_JE	rs4723233	4.02	3.85	0.079	0.81	9.46	0.3275	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs7793793	4.79	4.59	-0.094	0.86	-10.35	0.295	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs2049758	4.79	4.59	-0.094	0.86	-5.83	0.295	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs4723242	4.02	3.85	-0.079	0.81	14.04	0.3275	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs10251079	4.02	3.85	-0.079	0.75	14.46	0.3275	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs2392218	4.79	4.59	0.094	0.86	38.18	0.295	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3	EHVCIHwg6SOi6UO_JE	rs2022230	3.43	3.29	0.065	0.61	39.38	0.3175	9.351	0.592	7.098	8.972	9.359	9.743	10.626
NT5C3L	HW11.V4kX00Uin4KBU	rs1469863	4.13	3.95	0.082	2.74	-14.37	0.1	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs11079016	7.32	6.99	-0.152	4.3	-5.43	0.1775	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs9907244	3.42	3.28	0.066	3.12	-0.56	0.4225	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs1046403	12.28	11.72	0.238	5.13	2.36	0.3	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs4796712	3.49	3.35	0.067	1.01	-5.32	0.1225	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs1319763	12.96	12.36	-0.252	5.14	-0.66	0.304	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs4796715	11.63	11.09	0.226	4.77	1.32	0.2925	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs9905601	4.26	4.08	-0.082	0.96	22.76	0.1583	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs9303318	11.63	11.09	-0.226	4.51	27.64	0.2925	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5C3L	HW11.V4kX00Uin4KBU	rs4796729	11.2	10.69	-0.219	4.63	49.23	0.29	8.718	0.379	7.957	8.462	8.719	9.022	9.834
NT5DC2	0uZ93hdxOI1dJ5edBw	rs1010554	3.47	3.32	-0.065	4.14	-15.48	0.4548	7.317	0.165	7.12	7.209	7.279	7.383	8.318
NT5DC2	0uZ93hdxOI1dJ5edBw	rs2251219	3.62	3.47	0.066	2.46	2.33	0.4275	7.317	0.165	7.12	7.209	7.279	7.383	8.318
NT5DC3	QXkZT3UXSzf2qBUF4	rs11111760	4.38	4.19	-0.084	2.54	-2.19	0.25	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs17138889	4.31	4.12	-0.083	2.23	-1.71	0.2487	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs10861099	3.69	3.53	-0.069	1.99	9.49	0.3625	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs12368209	7.44	7.11	-0.15	2.6	14.78	0.2236	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs11111790	6.47	6.18	0.132	2.39	26.7	0.1734	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs10861116	8.35	7.98	-0.174	2.6	-8.75	0.15	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NT5DC3	QXkZT3UXSzf2qBUF4	rs4964571	8.35	7.98	-0.174	2.6	-7.51	0.15	8.566	0.238	7.923	8.41	8.588	8.729	9.51
NTNG2	NoVYXUvixD1LZ4frXs	rs7046350	4.29	4.11	-0.084	0.74	-17.06	0.4296	7.686	0.21	7.274	7.553	7.66	7.777	8.689
NTNG2	NoVYXUvixD1LZ4frXs	rs1412076	3.62	3.46	-0.07	1.87	-9.24	0.4175	7.686	0.21	7.274	7.553	7.66	7.777	8.689
NTNG2	NoVYXUvixD1LZ4frXs	rs6597551	3.35	3.21	-0.065	2.52	8.59	0.4648	7.686	0.21	7.274	7.553	7.66	7.777	8.689
NUB1	Qp1JLbXR5IGR13sjs	rs6964641	4.36	4.17	-0.086	2.55	-32.33	0.2161	10.101	0.433	8.962	9.845	10.208	10.383	10.965
NUDT18	0J.eRVS6TddNG97lfc	rs1456	5.1	4.88	0.104	2.49	-12.16	0.4125	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	0J.eRVS6TddNG97lfc	rs9644091	11.21	10.70	0.226	7.8	-6.45	0.33	9.231	0.328	8.501	8.997	9.177	9.419	10.563

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
NUDT18	OJ.eRVS6TddNG97Itc	rs1005901	11.46	10.93	-0.233	5.8	-0.01	0.4625	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs7836362	10.76	10.27	0.218	5.14	2.56	0.4975	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs11135859	6.33	6.05	-0.129	4.93	10.2	0.4246	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs13256571	3.77	3.61	-0.078	1.43	14.08	0.105	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs6557841	7.16	6.84	-0.146	5.4	20.65	0.41	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs12679786	4.3	4.11	-0.088	1.7	39.42	0.1625	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT18	OJ.eRVS6TddNG97Itc	rs7838257	3.91	3.74	-0.08	1.58	40.61	0.1558	9.231	0.328	8.501	8.997	9.177	9.419	10.563
NUDT2	6upfcl4JRXStSoK_54	rs7028914	14.8	14.11	-0.277	7.06	-44.78	0.1325	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT2	6upfcl4JRXStSoK_54	rs10972047	17.28	16.47	-0.318	6.83	-19.15	0.125	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT2	6upfcl4JRXStSoK_54	rs7039222	19.65	18.73	0.357	7.16	3.24	0.1225	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT2	6upfcl4JRXStSoK_54	rs4879775	16.56	15.79	-0.308	7.38	5.29	0.1307	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT2	6upfcl4JRXStSoK_54	rs10972072	10.09	9.63	-0.203	1.8	5.05	0.235	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT2	6upfcl4JRXStSoK_54	rs2381117	9.67	9.23	-0.194	1.81	38.48	0.2325	9.949	0.425	8.865	9.639	9.949	10.237	10.795
NUDT6	Bh3unilKISSPFKM59E	rs308382	4.22	4.04	-0.081	1.98	-30.61	0.155	7.311	0.101	7.107	7.233	7.309	7.378	7.612
NUDT6	Bh3unilKISSPFKM59E	rs17408557	3.55	3.40	0.067	1.4	-13.18	0.145	7.311	0.101	7.107	7.233	7.309	7.378	7.612
NUP85	Kjht2j5V2t.ejh3nhl	rs11657106	4.59	4.39	-0.092	2.41	2.35	0.236	9.864	0.264	9.138	9.685	9.836	10.007	10.656
NUP85	Kjht2j5V2t.ejh3nhl	rs1871269	3.8	3.64	-0.074	2.58	-10.85	0.2437	9.864	0.264	9.138	9.685	9.836	10.007	10.656
NUP85	Kjht2j5V2t.ejh3nhl	rs1478785	3.77	3.60	0.074	2.71	-8.99	0.25	9.864	0.264	9.138	9.685	9.836	10.007	10.656
NYD-SP26	okEAqMU7iPuQy3JSck	rs17148537	4.08	3.90	-0.079	1.19	-35.34	0.1097	7.11	0.008	7.092	7.105	7.109	7.115	7.155
OAS1	HdefXV5T01eVd1OCfg	rs11066435	5.63	5.38	0.109	1.83	-47.04	0.085	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs7965538	8.37	7.99	-0.159	2.97	-3.14	0.215	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs4583033	5.87	5.61	-0.114	2.76	-2.82	0.2588	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs3741981	16.01	15.27	-0.296	6.86	4.13	0.4625	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs3177979	21.45	20.44	-0.393	9.8	1.38	0.3662	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs1859333	20.08	19.14	-0.367	9.43	15.13	0.38	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs10774679	20.49	19.53	0.373	9.39	18.92	0.3825	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs2269899	17.93	17.09	0.336	7.67	26.12	0.365	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs7970893	8.56	8.17	-0.165	5.8	34.85	0.4825	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS1	HdefXV5T01eVd1OCfg	rs2072135	6.33	6.05	0.125	2.28	43.35	0.305	8.151	0.633	7.177	7.76	8.14	8.447	11.18
OAS2	x1191.eKOVxXsEC2.c	rs1859333	8.57	8.18	0.174	4.44	-45.31	0.38	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs10774679	8.99	8.58	-0.183	4.53	-41.53	0.3825	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs2269899	10.16	9.70	-0.207	4.91	-34.32	0.365	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs7970893	4.83	4.62	0.094	2.84	-25.59	0.4825	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs2072135	13.54	12.92	-0.271	5.01	-17.09	0.305	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs1293770	5.19	4.96	0.1	2.44	-4.74	0.155	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs12821546	4.21	4.03	-0.081	1.45	-4.63	0.185	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs12422608	14.2	13.55	-0.277	5.6	-2.15	0.3175	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs1293764	11.26	10.75	0.232	4.89	-0.93	0.3375	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs757402	8.57	8.18	-0.175	4.75	2.49	0.3342	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs1293758	3.33	3.19	0.062	4.33	6.98	0.465	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs2072137	9.32	8.90	0.19	4.51	14.31	0.4225	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs15895	5.75	5.50	-0.119	3.95	21.68	0.38	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs13311	7.53	7.20	0.156	3.58	22.04	0.39	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAS2	x1191.eKOVxXsEC2.c	rs10492029	6.63	6.33	0.137	5.19	32.07	0.405	9.778	0.329	8.885	9.592	9.794	9.985	11.021
OAT	WqOfok7bXh9iMhOh96U	rs2491161	4.13	3.96	-0.076	1.62	-3.43	0.16	8.944	0.293	7.417	8.791	8.975	9.143	9.564
OCEL1	i5A5d9L_h0neEIXXUo	rs8107108	5.03	4.81	-0.1	2.83	-25.75	0.075	9.754	0.311	8.815	9.551	9.745	9.962	10.602
OCEL1	i5A5d9L_h0neEIXXUo	rs2288542	5.01	4.79	0.096	2.36	0.17	0.4825	9.754	0.311	8.815	9.551	9.745	9.962	10.602
OCEL1	i5A5d9L_h0neEIXXUo	rs4808611	5.15	4.92	-0.104	1.53	14.8	0.1825	9.754	0.311	8.815	9.551	9.745	9.962	10.602
OCEL1	i5A5d9L_h0neEIXXUo	rs8170	7.03	6.71	0.143	1.79	49.68	0.1834	9.754	0.311	8.815	9.551	9.745	9.962	10.602
OCIAD2	ZJJTSUC_RkeXXxe4o	rs2289065	8.96	8.56	0.181	3.56	7.58	0.3274	9.908	0.534	8.264	9.553	9.934	10.267	11.074
OCIAD2	ZJJTSUC_RkeXXxe4o	rs2085292	5.8	5.54	-0.119	3.15	6.12	0.46	9.908	0.534	8.264	9.553	9.934	10.267	11.074
OCIAD2	ZJJTSUC_RkeXXxe4o	rs2247481	6.69	6.39	-0.134	3.17	28.01	0.37	9.908	0.534	8.264	9.553	9.934	10.267	11.074
ODF2L	BuSFkBEU8qJ9KIK_Og	rs1334149	9.34	8.92	-0.187	2.46	37.02	0.1175	8.541	0.302	7.539	8.352	8.523	8.759	9.366
OGN	WrlisC.cAwT13R_xVE	rs944949	4.11	3.94	0.083	0.53	-5.65	0.1225	7.152	0.054	7.103	7.125	7.137	7.155	7.446
OPA3	6dJiitVe1CarPUUpTM	rs7250901	3.39	3.25	-0.065	2.59	-43.8	0.445	7.249	0.088	7.113	7.184	7.241	7.297	7.544
OPRM1	obSBHhRV1GiDEujIE	rs6923231	3.38	3.24	-0.063	0.78	31.69	0.0975	7.144	0.03	7.1	7.127	7.137	7.153	7.356
OPRM1	obSBHhRV1GiDEujIE	rs9479756	3.34	3.20	-0.062	1	-30.19	0.1	7.144	0.03	7.1	7.127	7.137	7.153	7.356
OPRM1	obSBHhRV1GiDEujIE	rs636433	3.65	3.50	-0.07	1	12.18	0.12	7.144	0.03	7.1	7.127	7.137	7.153	7.356
OPRM1	obSBHhRV1GiDEujIE	rs544093	3.65	3.50	-0.07	1	17.19	0.12	7.144	0.03	7.1	7.127	7.137	7.153	7.356
OPTN	feivLO57uLyC09_eII	rs17512962	11.8	11.26	0.23	4.22	-11.21	0.32	10.322	0.462	7.473	10.098	10.384	10.636	11.218
OPTN	feivLO57uLyC09_eII	rs825411	5.47	5.23	-0.108	2.3	-10.9	0.4425	10.322	0.462	7.473	10.098	10.384	10.636	11.218
OR10A3	0NN33uldVaxyJ_7uSE	rs7109112	3.32	3.18	0.065	1.19	-14.3	0.175	7.125	0.036	7.098	7.115	7.12	7.128	7.597

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
OR3A3	fSXSax470qZ3u0nH7o	rs227787	3.43	3.29	-0.066	0.65	-0.02	0.2525	7.116	0.016	7.095	7.105	7.112	7.12	7.194	
OR521I	rpKMy5X5EVC55yeF7E	rs4910512	3.33	3.19	0.062	0.45	11.42	0.4375	7.14	0.026	7.105	7.122	7.134	7.152	7.244	
OR52I2	ctR1x7iRMn_IK8k7ng	rs16923484	3.79	3.62	0.072	1.58	49.99	0.0575	7.132	0.03	7.103	7.117	7.125	7.138	7.364	
OR56A1	Zmg5n3x5FT1zXR9XnU	rs7946925	3.98	3.81	0.078	1.69	2.88	0.2375	7.141	0.034	7.101	7.119	7.131	7.154	7.317	
OR7D2	Eq.gk.nMn_83QuukSI	rs7254803	6.02	5.76	0.114	2.36	0.08	0.351	7.189	0.14	7.103	7.126	7.138	7.168	7.96	
OR7D2	Eq.gk.nMn_83QuukSI	rs10415904	11.22	10.70	-0.221	5.06	14.64	0.1742	7.189	0.14	7.103	7.126	7.138	7.168	7.96	
ORMDL3	u5lggLiLqJeJep6Jfc	rs11557467	7.95	7.59	-0.161	3.42	-48.66	0.42	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs2872507	8.48	8.09	0.172	2.75	-36.53	0.4	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs8067378	8.36	7.98	-0.169	3.03	-25.95	0.4225	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs2305480	9	8.59	0.182	2.82	-15.1	0.3825	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs2290400	8.91	8.51	0.182	3.34	-11.06	0.4141	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs7216389	8.16	7.79	0.165	3.39	-7.35	0.4175	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs3744246	8.03	7.67	-0.165	5.37	0.5	0.1775	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs4795402	7.1	6.78	0.146	5.8	1.53	0.1975	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs4795405	9.98	9.52	-0.202	3.73	4.56	0.3675	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs8079416	7.1	6.78	-0.147	3.11	8.86	0.4749	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs1007654	5.16	4.94	0.104	0.79	27.5	0.3425	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs7219080	5.2	4.97	0.105	0.74	30.66	0.3417	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs3902025	7.77	7.42	0.16	2.65	35.4	0.402	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs3894194	6.48	6.19	-0.133	2.77	38.14	0.4775	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
ORMDL3	u5lggLiLqJeJep6Jfc	rs3859192	3.49	3.35	0.067	0.93	44.79	0.495	9.037	0.479	8.075	8.717	9.001	9.333	10.583	
OSTM1	fXyKU3jji9Uiejo1co	rs10484904	3.49	3.34	-0.07	0.55	-2.35	0.2975	8.861	0.18	8.406	8.745	8.86	8.99	9.674	
OSTM1	fXyKU3jji9Uiejo1co	rs17069204	3.52	3.37	-0.071	0.47	-0.62	0.2965	8.861	0.18	8.406	8.745	8.86	8.99	9.674	
OTUB2	Kp9UJKLlKoFOiILook	rs3748328	3.42	3.27	0.065	3.23	13.81	0.325	7.246	0.066	7.11	7.198	7.239	7.282	7.476	Yes
OTUB2	Kp9UJKLlKoFOiILook	rs8017510	3.52	3.37	-0.068	3.35	29.74	0.3325	7.246	0.066	7.11	7.198	7.239	7.282	7.476	Yes
P2RX5	ilOoCK9eOmbnUKEmHIE	rs220488	3.55	3.40	0.07	1.35	-1.76	0.155	7.524	0.209	7.124	7.383	7.479	7.652	8.069	
P4HA2	0eV7n7qeQurdQwuvU4	rs2089855	5.11	4.88	0.106	3.22	9.97	0.435	7.144	0.022	7.113	7.13	7.14	7.154	7.286	
P4HA2	0eV7n7qeQurdQwuvU4	rs4594848	5.11	4.88	-0.106	3.22	23.04	0.435	7.144	0.022	7.113	7.13	7.14	7.154	7.286	
PAAF1	EYzXsF3hd4ffoCJLVo	rs10793068	3.49	3.34	0.068	1.49	30.53	0.3775	9.096	0.2	7.987	8.992	9.124	9.217	9.467	
PAAF1	EYzXsF3hd4ffoCJLVo	rs699138	3.85	3.69	-0.075	2.46	33.04	0.35	9.096	0.2	7.987	8.992	9.124	9.217	9.467	
PABPC4	6vcSnTTICAgniSCupk	rs4660293	3.52	3.37	-0.065	1.96	1.69	0.245	10.844	0.259	9.519	10.728	10.904	11.005	11.388	
PAC3IN2	EWWW0UnOT0db9S4kjs	rs5759066	3.61	3.46	0.064	2.47	-44.85	0.4623	10.528	0.279	9.74	10.344	10.519	10.711	11.303	
PAC3IN2	EWWW0UnOT0db9S4kjs	rs5759070	3.6	3.45	0.064	2.49	-35.45	0.4625	10.528	0.279	9.74	10.344	10.519	10.711	11.303	
PAC3IN2	EWWW0UnOT0db9S4kjs	rs972579	3.6	3.45	0.064	2.49	-23.44	0.4625	10.528	0.279	9.74	10.344	10.519	10.711	11.303	
PAC3IN2	EWWW0UnOT0db9S4kjs	rs5759093	3.6	3.45	0.064	2.54	-1.16	0.4625	10.528	0.279	9.74	10.344	10.519	10.711	11.303	
PADI6	uirX_YpTH1eF75o4_4	rs6695214	4.19	4.01	0.081	1.92	-8.12	0.365	7.124	0.021	7.096	7.111	7.117	7.131	7.263	
PADI6	uirX_YpTH1eF75o4_4	rs6586538	3.71	3.55	0.071	1.84	15.65	0.38	7.124	0.021	7.096	7.111	7.117	7.131	7.263	
PADI6	uirX_YpTH1eF75o4_4	rs6678862	3.65	3.50	0.069	1.84	16.89	0.3775	7.124	0.021	7.096	7.111	7.117	7.131	7.263	
PADI6	uirX_YpTH1eF75o4_4	rs2800687	3.65	3.50	-0.069	1.84	35.56	0.3775	7.124	0.021	7.096	7.111	7.117	7.131	7.263	
PAFAH2	Tv60nAHSeSXoSyJIFU	rs12743484	3.61	3.46	0.068	2.06	11.28	0.2175	9.009	0.341	8.202	8.789	8.967	9.201	10.298	
PAK4	3eq5XfBUqjSwV7ni0M	rs8112664	3.65	3.50	-0.072	0.72	-31.69	0.3625	7.15	0.038	7.1	7.122	7.141	7.167	7.305	
PAPD1	BdPpVfBet4L3qO.0v4	rs2480296	7.49	7.15	0.136	3.42	8.05	0.345	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPD1	BdPpVfBet4L3qO.0v4	rs11007990	6.48	6.19	0.118	1.74	17.7	0.4375	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPD1	BdPpVfBet4L3qO.0v4	rs913644	6.41	6.13	0.117	1.58	-12.73	0.05	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPD1	BdPpVfBet4L3qO.0v4	rs11818836	6.14	5.87	-0.112	1.43	2.89	0.4397	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPD1	BdPpVfBet4L3qO.0v4	rs10826790	5.98	5.72	-0.109	1.74	5.62	0.445	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPD1	BdPpVfBet4L3qO.0v4	rs2484290	5.59	5.34	0.102	2.85	12.69	0.3317	9.166	0.222	8.423	9.024	9.185	9.309	9.706	Yes
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs2522422	3.72	3.57	0.071	0.68	-29.48	0.07	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs2522425	3.85	3.69	-0.073	0.7	-23.19	0.0675	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs973126	6.54	6.25	-0.133	1.36	-0.12	0.105	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs16780	6.35	6.07	-0.129	1.36	1.53	0.1075	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs6533319	6.35	6.07	-0.129	1.36	22.57	0.1075	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs2522447	5.78	5.53	-0.117	1.3	23.16	0.11	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAPSS1	3gFF4K.Tp1Qp_hbnhl	rs2158179	6	5.74	-0.12	1.43	41.49	0.1	9.961	0.232	8.905	9.838	9.962	10.081	10.813	
PAQR8	BXUjPPTi8dICpHIPtU	rs560243	4.27	4.08	-0.084	2.02	-28.14	0.2525	10.13	0.401	8.022	9.881	10.131	10.403	11.166	
PAQR8	BXUjPPTi8dICpHIPtU	rs474848	6.08	5.81	0.119	3.27	-0.46	0.2775	10.13	0.401	8.022	9.881	10.131	10.403	11.166	
PAQR8	BXUjPPTi8dICpHIPtU	rs17651289	3.95	3.78	-0.075	2.43	2.56	0.1975	10.13	0.401	8.022	9.881	10.131	10.403	11.166	
PAQR8	BXUjPPTi8dICpHIPtU	rs649330	3.95	3.78	0.075	2.43	3.34	0.1975	10.13	0.401	8.022	9.881	10.131	10.403	11.166	
PASK	cCUGLove1nmJeiOqBI	rs13411510	3.72	3.56	0.071	0.9	-29.86	0.1784	10.801	0.622	8.826	10.465	10.79	11.213	12.515	
PASK	cCUGLove1nmJeiOqBI	rs2108485	7.47	7.13	-0.151	1.75	-23.77	0.1575	10.801	0.622	8.826	10.465	10.79	11.213	12.515	
PASK	cCUGLove1nmJeiOqBI	rs2286323	5.36	5.13	-0.107	1.55	-8.72	0.0875	10.801	0.622	8.826	10.465	10.79	11.213	12.515	
PASK	cCUGLove1nmJeiOqBI	rs1131293	7.22	6.89	-0.146	1.95	1.27	0.1025	10.801	0.622	8.826	10.465	10.79	11.213	12.515	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	% Variance Explained	p-value (-log10), GC Adj.	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
PASK	cCUGLove1nmJeiOqBI	rs2074824	7.22	6.89	0.146	1.95	6.26	0.1025	10.801	0.622	8.826	10.465	10.79	11.213	12.515	
PAX8	cUDufXknRIRScCoVA	rs902695	5.59	5.34	-0.112	4.33	-19.86	0.4874	7.193	0.085	7.105	7.14	7.171	7.216	7.746	
PAX8	cUDufXknRIRScCoVA	rs12620738	4.74	4.53	0.093	3.92	-11.2	0.4925	7.193	0.085	7.105	7.14	7.171	7.216	7.746	
PAX8	cUDufXknRIRScCoVA	rs4849179	7.98	7.62	-0.158	5.53	10.23	0.37	7.193	0.085	7.105	7.14	7.171	7.216	7.746	
PAX8	cUDufXknRIRScCoVA	rs2863242	3.93	3.76	-0.076	1.54	14.3	0.2525	7.193	0.085	7.105	7.14	7.171	7.216	7.746	
PCBP3	oB75eIVdd3REleU54c	rs3827268	3.95	3.78	-0.078	1.5	-12.36	0.07	7.145	0.044	7.102	7.12	7.13	7.151	7.391	
PCBP3	oB75eIVdd3REleU54c	rs13050871	3.95	3.78	0.078	1.5	-3.69	0.07	7.145	0.044	7.102	7.12	7.13	7.151	7.391	
PCBP3	oB75eIVdd3REleU54c	rs3827270	6.58	6.29	-0.138	1.42	17.45	0.07	7.145	0.044	7.102	7.12	7.13	7.151	7.391	
PCDH17	Kku4geCz940d0h7XW4	rs2592873	3.83	3.67	0.076	0.5	-18.98	0.2225	7.118	0.016	7.096	7.109	7.115	7.121	7.212	
PCDH17	Kku4geCz940d0h7XW4	rs2807625	3.83	3.67	0.076	0.47	-10.07	0.2225	7.118	0.016	7.096	7.109	7.115	7.121	7.212	
PCK2	KeUopEgtOBv5L9S1Sk	rs3561	3.98	3.81	-0.074	1.34	-13.26	0.3975	7.146	0.03	7.103	7.124	7.14	7.157	7.261	
PCK2	KeUopEgtOBv5L9S1Sk	rs1951634	8.54	8.15	0.161	3.55	-0.04	0.3106	7.146	0.03	7.103	7.124	7.14	7.157	7.261	
PCK2	KeUopEgtOBv5L9S1Sk	rs2277481	4.82	4.61	0.092	1.08	17.77	0.3825	7.146	0.03	7.103	7.124	7.14	7.157	7.261	
PCK2	KeUopEgtOBv5L9S1Sk	rs2277483	4.63	4.43	0.088	1.15	22.12	0.33	7.146	0.03	7.103	7.124	7.14	7.157	7.261	
PCOLCE2	uSK.JzePoBeWHY5rjl	rs2608069	3.37	3.23	-0.066	0.66	8.94	0.0675	7.123	0.023	7.099	7.11	7.117	7.127	7.286	
PCOTH	W5KEOeUil610idGwk0	rs1886972	4.11	3.94	-0.08	2.05	-26.8	0.0704	7.133	0.019	7.101	7.12	7.128	7.14	7.228	
PCOTH	W5KEOeUil610idGwk0	rs1886970	3.29	3.15	0.063	2.48	-22.53	0.4246	7.133	0.019	7.101	7.12	7.128	7.14	7.228	
PCOTH	W5KEOeUil610idGwk0	rs1570979	4.3	4.11	0.085	2.08	-21.47	0.0707	7.133	0.019	7.101	7.12	7.128	7.14	7.228	
PCOTH	W5KEOeUil610idGwk0	rs9318700	3.43	3.28	-0.066	1.93	-20.55	0.4196	7.133	0.019	7.101	7.12	7.128	7.14	7.228	
PCOTH	W5KEOeUil610idGwk0	rs2077709	3.42	3.27	0.066	2.21	9.83	0.3995	7.133	0.019	7.101	7.12	7.128	7.14	7.228	
PCSK4	Wlp6JFUAIKoC6KilBs	rs1047854	3.57	3.42	-0.062	1.74	0.05	0.3975	7.306	0.12	7.116	7.231	7.281	7.353	8.033	
PCSK4	Wlp6JFUAIKoC6KilBs	rs2277748	4.52	4.32	-0.081	2.58	5.23	0.3141	7.306	0.12	7.116	7.231	7.281	7.353	8.033	
PDCD2	cklk_Hqk16e30Xuelk	rs6932750	3.7	3.54	-0.069	1.11	-32.9	0.4875	10.399	0.229	9.248	10.271	10.393	10.537	11.314	
PDCD2	QeCHl6CqWZu705cxjA	rs6928833	4.96	4.74	0.096	1.99	-20.26	0.485	9.401	0.246	8.819	9.228	9.396	9.57	10.164	
PDCD2	cklk_Hqk16e30Xuelk	rs6928833	3.98	3.81	-0.075	1.85	-15.87	0.485	10.399	0.229	9.248	10.271	10.393	10.537	11.314	
PDCD2	QeCHl6CqWZu705cxjA	rs2072916	4.92	4.71	0.095	2.04	-9.7	0.47	9.401	0.246	8.819	9.228	9.396	9.57	10.164	
PDCD2	QeCHl6CqWZu705cxjA	rs960744	4.84	4.63	-0.094	1.82	-2.63	0.4825	9.401	0.246	8.819	9.228	9.396	9.57	10.164	
PDCD2	cklk_Hqk16e30Xuelk	rs960744	4.13	3.96	0.079	1.86	1.76	0.4825	10.399	0.229	9.248	10.271	10.393	10.537	11.314	
PDE9A	c7gAS4Kle5eKAmqpuK	rs4920137	3.38	3.24	0.061	2.26	-55.5	0.4196	7.55	0.185	7.214	7.431	7.536	7.636	8.502	
PDE9A	c7gAS4Kle5eKAmqpuK	rs2269149	3.4	3.25	0.062	2.2	-54.26	0.4196	7.55	0.185	7.214	7.431	7.536	7.636	8.502	
PDE9A	c7gAS4Kle5eKAmqpuK	rs2250870	4.01	3.84	-0.075	2.73	-38.43	0.4375	7.55	0.185	7.214	7.431	7.536	7.636	8.502	
PDE9A	c7gAS4Kle5eKAmqpuK	rs2839581	5.93	5.67	0.115	1.71	-37.21	0.3225	7.55	0.185	7.214	7.431	7.536	7.636	8.502	
PDE9A	c7gAS4Kle5eKAmqpuK	rs10451852	3.82	3.66	0.069	1.02	-34.34	0.24	7.55	0.185	7.214	7.431	7.536	7.636	8.502	
PDF	6724FUI5i5_ElI60X8	rs1127231	3.57	3.42	-0.067	1.56	-7.56	0.304	7.218	0.095	7.105	7.143	7.188	7.278	7.602	
PDGFB	HqKQR57UThdT9UC13k	rs5995693	3.54	3.39	0.062	1.11	-37.05	0.3875	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs2064309	4.01	3.84	0.072	2.13	-20.42	0.245	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs5757546	4.39	4.21	-0.081	1.29	-19.97	0.45	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs742502	4.17	3.99	-0.075	1.11	-17.2	0.3675	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs130657	4.42	4.23	-0.079	1.36	-9.07	0.3725	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs135175	3.33	3.19	-0.058	1.76	-7.63	0.305	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs9622978	5.15	4.92	-0.094	1.52	5.35	0.385	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs4821877	4.85	4.63	-0.089	2.21	-7.85	0.4648	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs2247128	9.63	9.19	0.182	3.61	-6.66	0.3575	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs879180	6.74	6.44	-0.127	2.27	-5.4	0.265	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDGFB	HqKQR57UThdT9UC13k	rs5757573	9.99	9.54	0.187	4.81	-3.32	0.3975	7.339	0.168	7.112	7.209	7.307	7.434	8.13	
PDI A6	cgDuqunhJ6JU4H4	rs1623958	3.68	3.53	-0.069	1.36	27.69	0.2725	8.897	0.381	7.432	8.676	8.885	9.145	10	
PDXK	9pXn7IO6O.uJdrXEkc	rs3746954	4.79	4.58	-0.093	3.41	-4.92	0.206	10.216	0.303	9.117	10.016	10.207	10.423	11.032	Yes
PDXK	9pXn7IO6O.uJdrXEkc	rs2276246	3.37	3.23	-0.063	1.42	28.75	0.1875	10.216	0.303	9.117	10.016	10.207	10.423	11.032	Yes
PELO	QWfV71YH94Ulq49S94	rs2432144	4.27	4.08	-0.079	2.82	34.81	0.15	9.65	0.332	8.726	9.439	9.686	9.895	10.275	
PER3	BEAitnUlcUS44eKX8	rs228703	3.93	3.76	0.076	0.98	39.03	0.3838	7.266	0.094	7.111	7.199	7.25	7.318	7.616	
PEX1	HplxaJQLoihg1OBQUo	rs3814099	3.64	3.48	-0.068	1.31	-33.57	0.08	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX1	HplxaJQLoihg1OBQUo	rs10236856	3.42	3.27	-0.066	1.25	19.35	0.0773	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX1	HplxaJQLoihg1OBQUo	rs10252324	3.61	3.45	-0.07	1.65	-13.06	0.17	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX1	HplxaJQLoihg1OBQUo	rs10488516	5.05	4.83	0.099	1.92	10.02	0.125	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX1	HplxaJQLoihg1OBQUo	rs758002	4.99	4.78	-0.098	1.98	22.61	0.1275	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX1	HplxaJQLoihg1OBQUo	rs10276838	4.63	4.43	-0.09	1.82	43.05	0.1457	8.489	0.299	7.149	8.358	8.522	8.671	9.22	
PEX11A	OQXuO6kiOKUIGiCook	rs8179043	3.75	3.59	0.072	1.59	-14.14	0.34	7.472	0.109	7.157	7.394	7.458	7.537	8.047	
PEX11A	OQXuO6kiOKUIGiCook	rs2289487	5.16	4.94	-0.101	2.76	-9.19	0.39	7.472	0.109	7.157	7.394	7.458	7.537	8.047	
PEX11A	OQXuO6kiOKUIGiCook	rs17816376	8.4	8.02	-0.164	3.03	-0.4	0.2085	7.472	0.109	7.157	7.394	7.458	7.537	8.047	
PEX11A	OQXuO6kiOKUIGiCook	rs8023357	5.92	5.66	0.113	3.54	1.27	0.2725	7.472	0.109	7.157	7.394	7.458	7.537	8.047	
PEX11A	OQXuO6kiOKUIGiCook	rs3926649	5.49	5.25	-0.107	3.55	15.56	0.2197	7.472	0.109	7.157	7.394	7.458	7.537	8.047	
PEX5	fqiMRwVUGOHnCXfl_0	rs7958865	3.85	3.69	0.076	2.28	-26.93	0.1825	10.151	0.272	9.374	9.97	10.179	10.348	10.705	Yes

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
PEX5	fqiMRwvUgOHnCXfl_0	rs12317363	4.65	4.44	0.093	2.44	-24.8	0.19	10.151	0.272	9.374	9.97	10.179	10.348	10.705	Yes
PEX5	fqiMRwvUgOHnCXfl_0	rs7969508	4.79	4.59	-0.096	1.76	6.43	0.2725	10.151	0.272	9.374	9.97	10.179	10.348	10.705	Yes
PEX6	W1K11SrKc6T4hJJBj0	rs6901007	8.26	7.88	0.165	1.91	-38.91	0.3825	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs2234185	13.08	12.47	-0.257	4.48	-34.67	0.4425	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs4711731	9.2	8.78	0.183	3.28	-34.03	0.4175	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs4714634	19.41	18.50	-0.366	6.3	-30.63	0.495	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs9471969	3.47	3.32	0.066	2.06	-25.36	0.3025	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs9462853	3.5	3.35	-0.067	1.06	-21.08	0.309	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs6927188	3.93	3.76	0.081	1.67	-19.16	0.2888	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs6941212	24.61	23.45	-0.441	5.56	-15.83	0.49	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs9462856	25.75	24.53	-0.451	4.89	-5.72	0.41	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs1129187	24.61	23.45	0.441	5.56	0.45	0.49	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs2274514	25.19	24.00	0.45	4.63	2.75	0.4116	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX6	W1K11SrKc6T4hJJBj0	rs2395943	28.2	26.86	0.476	5.12	-6.21	0.3725	8.462	0.549	7.243	8.123	8.454	8.831	9.869	
PEX7	9h9LFSJvHSunh736jg	rs2295592	4.5	4.30	-0.088	1.59	22.93	0.135	8.145	0.153	7.793	8.04	8.142	8.25	8.592	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs9595617	10.44	9.96	0.198	4.25	-33.69	0.39	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs9595630	10.44	9.96	-0.198	4.29	-25.59	0.39	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs798266	8.66	8.26	-0.17	2.56	-17.34	0.3543	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs7328733	10.18	9.71	0.194	4.42	13.82	0.39	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs7332115	8.9	8.49	-0.171	4.26	34.63	0.4	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAAP5	WX3QVN1cFUTn5S9_Co	rs208418	8.63	8.24	0.17	2.65	41.1	0.345	10.297	0.426	9.297	9.991	10.307	10.613	11.557	
PFAS	cne.eMiuuqndNX11wU	rs2270445	3.31	3.17	-0.061	0.24	45.67	0.4264	8.722	0.259	8.083	8.549	8.705	8.902	9.396	
PFKFB2	cqeJF3q_DqDq0j6glw	rs10864035	4.93	4.71	-0.091	4.22	-18.29	0.39	7.841	0.266	7.218	7.662	7.812	8.025	8.624	
PFKFB2	cqeJF3q_DqDq0j6glw	rs2075863	4.61	4.41	0.085	4.09	9.33	0.395	7.841	0.266	7.218	7.662	7.812	8.025	8.624	
PFKP	6zhu2hOpSegTuSV6Ls	rs17212411	3.41	3.27	0.061	1.81	-9.31	0.07	10.303	0.414	9.402	9.987	10.31	10.603	11.556	Yes
PFKP	6zhu2hOpSegTuSV6Ls	rs12268267	4.14	3.96	0.08	0.84	-13.68	0.165	10.303	0.414	9.402	9.987	10.31	10.603	11.556	Yes
PFN2	BkFXVOF8SwUx4_DVSo	rs2168753	5.22	4.99	-0.099	0.76	5.18	0.4025	7.985	0.269	7.168	7.826	7.964	8.158	8.721	
PFN2	BkFXVOF8SwUx4_DVSo	rs9637407	5.27	5.04	-0.102	0.64	9.69	0.4061	7.985	0.269	7.168	7.826	7.964	8.158	8.721	
PFN2	BkFXVOF8SwUx4_DVSo	rs1457547	4.73	4.53	-0.088	2.22	35.92	0.135	7.985	0.269	7.168	7.826	7.964	8.158	8.721	
PFN2	BkFXVOF8SwUx4_DVSo	rs12635847	4.78	4.57	-0.091	0.69	44.82	0.4091	7.985	0.269	7.168	7.826	7.964	8.158	8.721	
PGCP	c6S4ApSpTToorzXnk	rs2704253	3.95	3.78	0.073	2.76	-6.14	0.13	8.26	0.253	7.207	8.112	8.247	8.381	9.557	
PHACS	92eyS6gHXwnuvSXqV0	rs10838223	5.87	5.61	0.115	1.89	-32.36	0.22	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs4237645	6.17	5.90	-0.122	2.13	-12.14	0.3593	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs2074051	4.46	4.27	-0.086	1.93	-7.65	0.2273	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178501	11.75	11.20	-0.23	4.85	-6.14	0.445	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178503	8.32	7.94	-0.168	2.99	-4.93	0.4874	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178505	12.04	11.49	0.235	5.03	-3.01	0.4425	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs7127924	19.41	18.49	-0.352	5.58	-2.17	0.185	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178514	4.06	3.88	-0.078	1.67	1.3	0.2025	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs7951555	21.31	20.31	0.393	5.89	3.54	0.1734	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178519	3.83	3.67	-0.072	1.54	5.44	0.2525	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs7935243	4.62	4.42	0.095	2.92	6.56	0.34	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs178525	5.4	5.16	-0.106	3.29	-5.71	0.29	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs3134909	12.63	12.05	0.244	4.7	-2.39	0.3025	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs3107275	5.17	4.94	0.105	2.81	-0.59	0.425	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs2285029	5.17	4.94	0.102	3.23	0.3	0.2925	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs11037858	8.25	7.87	-0.175	3.53	5.12	0.25	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACS	92eyS6gHXwnuvSXqV0	rs7111879	3.45	3.31	-0.068	1.53	28.57	0.44	9.673	0.658	8.099	9.187	9.533	10.159	11.472	
PHACTR4	9XicfvZfe5tFCw3r00	rs7518232	3.67	3.52	-0.071	2.82	-25.38	0.3175	9.975	0.294	8.271	9.775	10.01	10.187	10.655	
PHACTR4	9XicfvZfe5tFCw3r00	rs7518249	3.67	3.52	-0.071	2.86	-25.34	0.3175	9.975	0.294	8.271	9.775	10.01	10.187	10.655	
PHACTR4	9XicfvZfe5tFCw3r00	rs11247814	3.67	3.52	0.071	2.86	-22.36	0.3175	9.975	0.294	8.271	9.775	10.01	10.187	10.655	
PHACTR4	9XicfvZfe5tFCw3r00	rs10915206	3.62	3.47	-0.069	2.07	21.77	0.27	9.975	0.294	8.271	9.775	10.01	10.187	10.655	
PHACTR4	9XicfvZfe5tFCw3r00	rs9426403	4.6	4.40	0.09	2.58	40.82	0.3025	9.975	0.294	8.271	9.775	10.01	10.187	10.655	
PHF11	ftct136XSSd9XvHr4	rs8000149	3.7	3.55	0.069	1.18	-13.09	0.32	12.046	0.257	11.077	11.89	12.053	12.216	13.245	
PHF11	ftct136XSSd9XvHr4	rs7329078	3.68	3.53	-0.068	1.49	-10.63	0.3492	12.046	0.257	11.077	11.89	12.053	12.216	13.245	
PHF11	ftct136XSSd9XvHr4	rs9526569	3.63	3.48	0.067	1.49	-0.89	0.3426	12.046	0.257	11.077	11.89	12.053	12.216	13.245	
PHF14	BxX04hUHeUSdNdpDU	rs7790568	3.41	3.26	-0.065	1.74	-2.9	0.1025	7.196	0.045	7.111	7.167	7.192	7.218	7.419	
PHF19	II103moLul6vFFJLIE	rs1953126	4.04	3.87	-0.078	0.61	0.89	0.3475	8.17	0.375	7.338	7.886	8.212	8.442	9.074	
PHF19	II103moLul6vFFJLIE	rs10985073	3.45	3.31	-0.067	0.83	4.25	0.4523	8.17	0.375	7.338	7.886	8.212	8.442	9.074	
PHF19	II103moLul6vFFJLIE	rs881375	4.44	4.25	-0.086	0.79	13.29	0.35	8.17	0.375	7.338	7.886	8.212	8.442	9.074	
PHGDH	WUT36ngZqXeEefEeR0	rs942835	4.07	3.90	-0.078	2.01	8.51	0.1525	8.802	0.417	7.643	8.535	8.806	9.087	9.882	
PHGDH	WUT36ngZqXeEefEeR0	rs591162	3.35	3.21	0.063	0.95	0.99	0.3025	8.802	0.417	7.643	8.535	8.806	9.087	9.882	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	Minimum	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation		percentile	percentile	percentile	Maximum		
PHGDH	WUT36ngZqXeEeffeR0	rs522277	3.46	3.31	-0.066	0.95	1.5	0.305	8.802	0.417	7.643	8.535	8.806	9.087	9.882	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs7575494	21.98	20.94	-0.391	3.74	-33.38	0.3175	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs6733165	6.17	5.89	-0.121	1.47	-31.5	0.355	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs6705785	10.04	9.58	0.196	1.94	-22.48	0.4823	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs7421737	10.16	9.69	0.194	1.48	-12.56	0.4825	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs2930	10.16	9.69	0.194	1.5	-10.12	0.4825	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs6433138	9.6	9.17	0.186	1.51	25.98	0.1859	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs2288331	3.66	3.51	0.069	1.32	34.49	0.1875	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs6745705	8.16	7.79	0.157	0.87	45.36	0.1825	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
*HOSPHO2	oiS4TT5f0dSo66B30E	rs1344639	5.44	5.20	-0.104	0.16	49.53	0.385	7.755	0.239	7.153	7.618	7.768	7.894	8.483	
PHTF1	K4Ou.WiiQtt9QeruTk	rs3827733	4.72	4.52	0.093	2.91	37.23	0.1834	7.975	0.179	7.374	7.866	7.982	8.081	8.528	
PI16	uEk7md1eLl7snqjq0	rs1405069	3.53	3.38	0.06	0.62	0.48	0.4425	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs9357232	10.78	10.29	-0.19	3.87	-4.15	0.145	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs7755143	11.28	10.77	0.201	3.5	0.56	0.1475	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs6918432	4.13	3.95	-0.071	0.95	7.66	0.255	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs748408	5.31	5.07	0.094	1.42	10.13	0.2025	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs6909984	5.22	4.99	-0.092	1.44	11.3	0.2035	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs3778022	10.78	10.29	0.192	3.22	15.63	0.1275	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs3778021	3.72	3.56	0.065	1.36	16.19	0.3575	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs2293390	3.34	3.20	0.058	0.33	16.91	0.405	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs726819	3.4	3.26	-0.058	0.95	18.6	0.16	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs16868759	3.48	3.33	0.06	1	22.91	0.1625	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PI16	uEk7md1eLl7snqjq0	rs6930271	4.29	4.11	0.074	1.24	32.49	0.1625	9.061	0.553	7.679	8.669	9.066	9.429	10.455	
PIGB	Z5UfVOI.dS5WUheHoA	rs12902710	4.22	4.04	-0.081	1.33	-0.07	0.375	9.263	0.241	8.528	9.113	9.272	9.443	9.793	Yes
PIGB	Z5UfVOI.dS5WUheHoA	rs12050587	3.35	3.21	0.062	1.59	16.33	0.29	9.263	0.241	8.528	9.113	9.272	9.443	9.793	Yes
PIGB	Z5UfVOI.dS5WUheHoA	rs678892	3.5	3.36	0.066	1.1	-14.99	0.3775	9.263	0.241	8.528	9.113	9.272	9.443	9.793	Yes
PIGL	Ed5AKIVOyIkP7UB1J8	rs178831	4.08	3.90	-0.078	0.96	-39.69	0.3442	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs178810	4.34	4.15	-0.083	1.03	-23.11	0.3492	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs178798	5.92	5.66	0.115	1.89	-3.18	0.405	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs178791	5.77	5.51	-0.112	2.16	6.67	0.41	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs7210224	6.06	5.80	0.119	1.89	27.29	0.2766	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs2109262	9.36	8.93	0.182	1.6	-44.94	0.46	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs3112511	6.71	6.41	-0.131	1.35	-22.05	0.3975	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs9944524	9.35	8.93	-0.182	1.89	-16.92	0.4575	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs9890539	8.36	7.99	0.164	1.79	-8.25	0.4121	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs1476810	8.52	8.13	-0.165	1.55	3.65	0.465	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGL	Ed5AKIVOyIkP7UB1J8	rs7477	4.47	4.28	-0.084	1.34	16.45	0.465	7.56	0.218	7.129	7.398	7.526	7.698	8.573	
PIGN	6uu5yff6eOcj.XrOZU	rs565610	7.26	6.94	0.144	3.91	-13.86	0.09	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs9636100	4.67	4.46	-0.09	1.66	-0.15	0.4125	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs1573402	9.04	8.63	0.178	3.83	39.73	0.09	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs4941107	7.94	7.58	-0.16	2.96	39.87	0.385	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs17715613	7.95	7.59	-0.16	3.07	-33.92	0.3825	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs4941117	5.43	5.19	-0.106	3.63	-17.82	0.3875	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs7235710	8	7.64	0.16	3.23	-2.12	0.3875	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs1587999	5.68	5.43	-0.112	1.13	22.27	0.0575	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PIGN	6uu5yff6eOcj.XrOZU	rs12150701	3.44	3.30	-0.067	0.29	27.43	0.285	8.702	0.246	7.974	8.539	8.71	8.866	9.321	
PILRB	cteloKPKQqMAKRcKV8	rs6955367	46.52	44.28	0.673	5.35	-4.26	0.1725	7.268	0.231	7.1	7.123	7.154	7.354	8.315	
PILRB	cteloKPKQqMAKRcKV8	rs5015756	3.63	3.48	-0.066	1.85	48.01	0.4375	7.268	0.231	7.1	7.123	7.154	7.354	8.315	
PINK1	HRigdv4KqSbJ03_UU	rs3738133	3.92	3.76	-0.074	0.9	5.49	0.2575	8.425	0.184	7.995	8.299	8.417	8.515	9.509	
PINK1	HRigdv4KqSbJ03_UU	rs1043424	3.91	3.74	0.074	0.9	-1	0.26	8.425	0.184	7.995	8.299	8.417	8.515	9.509	
PITRM1	912hWIFYA_UKFTXo00	rs1053000	4.41	4.22	0.089	0.43	-1.04	0.2854	9.017	0.309	8.258	8.818	9.034	9.203	9.932	
PITRM1	912hWIFYA_UKFTXo00	rs2279216	4.2	4.02	-0.083	0.29	1.03	0.28	9.017	0.309	8.258	8.818	9.034	9.203	9.932	
PITRM1	912hWIFYA_UKFTXo00	rs2291103	3.95	3.78	-0.078	0.2	10.88	0.255	9.017	0.309	8.258	8.818	9.034	9.203	9.932	
PITRM1	912hWIFYA_UKFTXo00	rs3765099	3.71	3.55	-0.072	0.27	-17.41	0.26	9.017	0.309	8.258	8.818	9.034	9.203	9.932	
PKD2L1	WikdWiQLc4KN95CKeU	rs2278842	3.32	3.18	0.061	1.1	8.84	0.1375	7.129	0.047	7.096	7.109	7.117	7.129	7.545	
PKD2L1	WikdWiQLc4KN95CKeU	rs12781019	3.32	3.18	-0.061	1.1	9.66	0.1375	7.129	0.047	7.096	7.109	7.117	7.129	7.545	
PKIA	EXh.eJXr9VAguP3jl	rs7837755	3.86	3.70	0.076	0.47	19.08	0.1175	7.347	0.163	7.105	7.211	7.327	7.452	7.89	
PKIA	EXh.eJXr9VAguP3jl	rs7007627	4.05	3.88	-0.08	0.71	27.66	0.1575	7.347	0.163	7.105	7.211	7.327	7.452	7.89	
PKIA	EXh.eJXr9VAguP3jl	rs967426	3.33	3.19	-0.063	1.69	-17.59	0.3157	7.347	0.163	7.105	7.211	7.327	7.452	7.89	
PKIA	EXh.eJXr9VAguP3jl	rs1062248	3.55	3.40	-0.068	0.53	1.27	0.1508	7.347	0.163	7.105	7.211	7.327	7.452	7.89	
PLA2G1B	menaQ0XskkAECLuKU	rs2070873	4.15	3.97	-0.084	2.27	-2.15	0.1325	7.148	0.029	7.107	7.128	7.143	7.161	7.274	
PLA2G4C	E5fUedfzh5H3JSyd5E	rs1653554	10.6	10.11	0.209	3.05	-5.54	0.18	7.438	0.341	7.111	7.203	7.325	7.491	8.81	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)					SNP mapping under probe		
			association p-value (-log10)	association p-value (-log10), GC aad		association p-value (-log10)			Mean	Standard Deviation	Minimum	25th percentile	Median		75th percentile	Maximum
PLA2G4C	E5fUedfzh5H3J5yd5E	rs251693	4.05	3.88	0.076	4.53	1.42	0.4425	7.438	0.341	7.111	7.203	7.325	7.491	8.81	
PLA2G4C	E5fUedfzh5H3J5yd5E	rs2304136	12.44	11.87	-0.24	1.54	29.11	0.0575	7.438	0.341	7.111	7.203	7.325	7.491	8.81	
PLA2G4C	E5fUedfzh5H3J5yd5E	rs3730913	10.12	9.66	-0.201	2.49	38.79	0.1734	7.438	0.341	7.111	7.203	7.325	7.491	8.81	
PLCB2	uoGop4DoAnI_1efp4s	rs2277562	3.94	3.77	0.076	2.73	-36.96	0.1825	10.36	0.648	8.945	9.843	10.393	10.844	12.234	
PLD1	QqkqH0ez.vTLs1UiXo	rs6794454	4.12	3.94	-0.079	1.72	-0.68	0.1575	7.282	0.145	7.098	7.185	7.25	7.325	7.953	
PLD1	QqkqH0ez.vTLs1UiXo	rs11708205	4.12	3.94	-0.079	1.72	15.49	0.1575	7.282	0.145	7.098	7.185	7.25	7.325	7.953	
PLD2	H3lUpXHFT71fXflfg	rs2286670	3.41	3.27	0.063	0.19	7.6	0.1332	7.615	0.189	7.236	7.499	7.583	7.696	8.487	
PLEK	6ldXQ9V7BPXgnvVHVI	rs7595717	4.99	4.77	0.092	2.51	-4.95	0.2475	10.03	0.932	7.881	9.311	9.924	10.832	12.079	
PLEK	6ldXQ9V7BPXgnvVHVI	rs960221	4.11	3.93	-0.075	3.95	0.72	0.37	10.03	0.932	7.881	9.311	9.924	10.832	12.079	
PLEK	6ldXQ9V7BPXgnvVHVI	rs17035378	3.47	3.32	-0.061	1.67	6.53	0.2675	10.03	0.932	7.881	9.311	9.924	10.832	12.079	
PLEK	6ldXQ9V7BPXgnvVHVI	rs3816281	5.12	4.90	0.094	2.89	15.52	0.2375	10.03	0.932	7.881	9.311	9.924	10.832	12.079	
PLEK	6ldXQ9V7BPXgnvVHVI	rs10496164	5.12	4.90	0.094	2.89	-14.46	0.2375	10.03	0.932	7.881	9.311	9.924	10.832	12.079	
PLEKHA1	QnfvYyTKAO964_Qq3U	rs6585827	3.45	3.30	0.065	2.72	-26.25	0.4775	10.39	0.657	7.671	9.981	10.362	10.844	11.639	
PLEKHA1	QnfvYyTKAO964_Qq3U	rs2280141	3.49	3.34	0.066	2.52	1.31	0.485	10.39	0.657	7.671	9.981	10.362	10.844	11.639	
PLEKHA4	EDUn7DWWVAJpJQ2iZig	rs610308	3.5	3.35	-0.071	1.14	5.46	0.37	7.294	0.14	7.111	7.206	7.259	7.35	8.204	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs969235	7.51	7.18	0.167	3.04	32.59	0.17	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs4764465	6.23	5.95	-0.13	2.23	42.9	0.1375	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs4561260	6.91	6.60	0.152	2.56	48.3	0.13	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs10770448	5.64	5.39	-0.123	1.36	61.49	0.2423	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs2417772	5.44	5.20	0.116	1.28	67.47	0.25	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs4550272	5.88	5.62	0.124	2.42	80.45	0.1439	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs12817458	5.49	5.25	-0.112	1.35	-28.15	0.0525	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs1344717	4.72	4.51	-0.092	1.72	-10.2	0.085	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA5	Qf3a0j5DJLx5RHxIt	rs751082	3.62	3.46	0.07	1.04	2.66	0.165	8.165	0.294	7.136	7.98	8.169	8.356	8.929	
PLEKHA7	QSecnSEUCqwpUoT0zc	rs11024102	3.74	3.58	0.071	1.7	-27.35	0.3075	7.385	0.132	7.146	7.298	7.364	7.451	8.222	
PLEKHA7	QSecnSEUCqwpUoT0zc	rs10734250	5.09	4.87	0.098	1.74	-8.4	0.35	7.385	0.132	7.146	7.298	7.364	7.451	8.222	
PLEKHA7	QSecnSEUCqwpUoT0zc	rs4757490	5.24	5.01	0.101	1.35	-5.18	0.3275	7.385	0.132	7.146	7.298	7.364	7.451	8.222	
PLEKHA9	fitTqeg3jivs46eepI	rs7303573	3.32	3.18	-0.059	2.57	-47.29	0.385	9.329	0.311	8.527	9.142	9.321	9.539	10.217	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs10182489	3.35	3.21	0.061	2.55	-34.91	0.392	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs6710610	5.5	5.26	0.104	2.51	-5.87	0.395	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs13412979	4.09	3.92	-0.077	2.13	-5.36	0.3945	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs12473033	9.68	9.23	0.183	4.36	-1.56	0.35	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs6750909	9.61	9.17	-0.182	4.55	6.04	0.345	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs7571775	7.94	7.59	0.152	3.67	10.84	0.3875	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs7594100	4.73	4.53	0.088	1.99	16.71	0.4275	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLEKHH2	ZdKSy.PTT_sJV1UR10	rs3828297	6.27	5.99	-0.121	3.22	38.62	0.255	7.286	0.113	7.118	7.212	7.271	7.33	7.955	
PLRG1	leieEOkU5N.qHogenE	rs6825454	3.89	3.73	0.075	2.48	29.66	0.2487	10.221	0.32	7.335	10.094	10.266	10.421	10.641	
PLS1	ZUBPpyBNUIznhHte8k	rs1403725	5.41	5.17	-0.106	1.85	11.63	0.0603	7.173	0.056	7.102	7.134	7.155	7.197	7.413	Yes
PLXDC1	QedNlrm9dBdeRRdQIA	rs7223157	3.49	3.34	-0.065	1.58	-17.07	0.2125	8.53	0.418	7.467	8.213	8.531	8.799	10.311	
PLXDC1	QedNlrm9dBdeRRdQIA	rs13755	4	3.83	-0.076	1.13	3.9	0.4925	8.53	0.418	7.467	8.213	8.531	8.799	10.311	
PLXDC1	QedNlrm9dBdeRRdQIA	rs1882473	3.84	3.68	0.072	1.68	21.33	0.2111	8.53	0.418	7.467	8.213	8.531	8.799	10.311	
PLXDC1	QedNlrm9dBdeRRdQIA	rs9896717	3.71	3.55	-0.069	1.11	24.68	0.295	8.53	0.418	7.467	8.213	8.531	8.799	10.311	
PM20D1	KWE3k1fjUek.nld_1c	rs947211	8.06	7.70	-0.159	2.9	-44.49	0.235	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs947211	4.45	4.26	-0.088	1.27	-44.49	0.235	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs708727	18.12	17.27	0.335	7.89	-29.27	0.4075	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs708727	7.86	7.51	0.158	4.11	-29.27	0.4075	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs9438392	6.42	6.13	-0.126	4.34	-27.93	0.185	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	KWE3k1fjUek.nld_1c	rs1891092	4.67	4.47	0.089	1.18	-11.65	0.1075	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs1891092	3.33	3.19	0.063	0.38	-11.65	0.1075	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs1891094	4.67	4.47	-0.089	1.18	-11.22	0.1075	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs1891094	3.33	3.19	-0.063	0.38	-11.22	0.1075	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs823082	13.43	12.81	0.262	7.61	-10.22	0.4875	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs823082	5.93	5.67	0.121	2.75	-10.22	0.4875	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs823088	5.43	5.19	-0.107	5.47	-2.98	0.38	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	KWE3k1fjUek.nld_1c	rs13611754	13.43	12.81	-0.262	7.61	4.72	0.4875	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	TnnWUhbEtbVolQzxx4	rs1361754	5.93	5.67	-0.121	2.75	4.72	0.4875	7.13	0.034	7.096	7.113	7.12	7.136	7.416	
PM20D1	KWE3k1fjUek.nld_1c	rs954206	3.81	3.65	0.074	3.58	10.35	0.3175	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PM20D1	KWE3k1fjUek.nld_1c	rs6702688	3.85	3.69	0.073	3.32	1.91	0.4725	7.221	0.105	7.102	7.146	7.188	7.269	7.703	
PMCH	li3FhfvC3jF761E00	rs10860845	3.4	3.26	-0.064	0.59	6.09	0.4725	7.215	0.08	7.113	7.163	7.197	7.247	7.708	
PMEPA1	TXiUTV6n4fdSBCXXrc	rs157104	3.4	3.26	0.065	0.85	-22.92	0.48	7.127	0.019	7.099	7.114	7.122	7.133	7.236	
PMEPA1	TXiUTV6n4fdSBCXXrc	rs157106	3.38	3.24	-0.064	0.75	-19.77	0.48	7.127	0.019	7.099	7.114	7.122	7.133	7.236	
PNPT1	EuVBB.H5cQa9EB6BKU	rs10496046	3.75	3.59	-0.072	1.58	-11.55	0.0625	8.099	0.263	7.354	7.928	8.103	8.274	8.772	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	Minimum	percentile	percentile	percentile	Maximum		
POLDIP2	0TpZCetCI50ewE6d7E	rs3093679	3.84	3.68	-0.076	1.42	-9.44	0.07	8.154	0.14	7.838	8.059	8.143	8.235	8.563	
POLDIP2	0TpZCetCI50ewE6d7E	rs2710719	3.84	3.68	0.076	1.42	1.65	0.07	8.154	0.14	7.838	8.059	8.143	8.235	8.563	
POLR1D	9He19lCm49ye_FX5J4	rs14144	3.29	3.15	-0.062	2.17	43.24	0.4775	12.574	0.358	9.191	12.406	12.563	12.769	13.565	
POLR1E	Wool8XIZOf1ISpv_nk	rs2296777	5.15	4.92	0.095	2.53	-1.85	0.175	9.223	0.342	7.609	9.065	9.262	9.44	9.987	
POLR1E	Wool8XIZOf1ISpv_nk	rs1006763	3.51	3.36	0.064	2.73	6.18	0.115	9.223	0.342	7.609	9.065	9.262	9.44	9.987	
POLR1E	Wool8XIZOf1ISpv_nk	rs11789074	3.5	3.35	-0.065	2.5	18.68	0.0875	9.223	0.342	7.609	9.065	9.262	9.44	9.987	
POLR1E	Wool8XIZOf1ISpv_nk	rs16934265	3.51	3.36	0.065	3.22	31.38	0.11	9.223	0.342	7.609	9.065	9.262	9.44	9.987	
POLR2J	o7ofiSa4fZCQOj7Sn4	rs11444	6.54	6.25	0.126	1.68	-46.67	0.1575	7.87	0.243	7.341	7.711	7.857	8	8.669	
POLR2J	o7ofiSa4fZCQOj7Sn4	rs1131384	23.68	22.56	0.427	1.82	0.29	0.0725	7.87	0.243	7.341	7.711	7.857	8	8.669	
POLR2J	o7ofiSa4fZCQOj7Sn4	rs1131383	9.35	8.92	0.186	1.38	0.36	0.2175	7.87	0.243	7.341	7.711	7.857	8	8.669	
POLR2L	B1dfervfSniSlp17Fc	rs12416812	3.42	3.28	-0.068	1.64	46.1	0.4725	8.091	0.292	7.46	7.889	8.109	8.286	9.063	
POLR3B	KrSXp.7brp6dowP9UE	rs2077730	4.55	4.35	0.088	2.17	-34.75	0.4	8.937	0.231	8.387	8.776	8.932	9.066	9.601	
POLR3B	KrSXp.7brp6dowP9UE	rs11113032	3.9	3.73	0.076	2.61	32.65	0.2275	8.937	0.231	8.387	8.776	8.932	9.066	9.601	
POMC	3BINNCBlxCCpi4qRJo	rs7575363	3.58	3.42	-0.071	1.48	-40.87	0.22	7.802	0.261	7.306	7.629	7.759	7.934	9.013	Yes
POMC	3BINNCBlxCCpi4qRJo	rs13428823	6.92	6.61	0.144	1.87	-10.49	0.39	7.802	0.261	7.306	7.629	7.759	7.934	9.013	Yes
POMC	3BINNCBlxCCpi4qRJo	rs934778	3.39	3.25	-0.066	1.88	-2.23	0.2675	7.802	0.261	7.306	7.629	7.759	7.934	9.013	Yes
POP5	0kgkOI4F3nVREnpxHk	rs4766974	3.31	3.17	-0.06	3.14	49.92	0.3475	9.837	0.361	9.015	9.595	9.828	10.108	10.866	
PPA1	WiJV9C7jXjnlllPujk	rs9971029	11.56	11.03	-0.206	3.96	-46.12	0.385	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs2271690	7.25	6.93	0.13	3.68	-40.99	0.3325	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs3858169	9.25	8.83	0.168	4.72	-33.59	0.4225	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs870801	9.25	8.83	0.168	4.7	-32.84	0.4225	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs10999170	8.36	7.98	0.151	4.58	-26.25	0.3825	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs10762345	14.08	13.42	0.249	5.02	-23.21	0.345	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs6480445	7.05	6.74	-0.126	3.58	-10.14	0.445	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs12412099	7.53	7.19	0.137	4.67	-2.64	0.4075	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs7072230	14.21	13.55	0.256	4.82	-15.03	0.3275	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs10509321	14.21	13.55	-0.256	4.34	-7.44	0.3275	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs10999204	9.3	8.88	-0.169	2.79	14.13	0.3775	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPA1	WiJV9C7jXjnlllPujk	rs10999211	9.57	9.13	0.176	3.27	18.99	0.2875	12.643	0.347	11.173	12.421	12.662	12.841	13.934	
PPFIA1	oq0RwXIH76ITISf3t4	rs687660	4.6	4.40	-0.096	3.43	-5.29	0.32	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs6592522	4.37	4.18	-0.084	4.23	11.45	0.1125	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs7116059	3.67	3.52	0.069	4.24	42.87	0.1175	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs7116191	3.67	3.52	-0.069	4.24	42.96	0.1175	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs627079	3.31	3.17	0.062	2.84	48.68	0.1432	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs7109643	4.4	4.21	-0.089	3.34	-29.32	0.3175	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs947781	3.67	3.52	-0.069	4.04	-11.74	0.1175	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIA1	oq0RwXIH76ITISf3t4	rs6592554	4.41	4.22	-0.085	4.03	1.54	0.1131	7.512	0.164	7.127	7.404	7.507	7.612	8.031	
PPFIBP1	0killFCCo.V54HO4jk	rs2288225	6.57	6.28	-0.13	0.6	9	0.0625	7.177	0.075	7.106	7.137	7.154	7.185	7.771	Yes
PPFIBP1	0killFCCo.V54HO4jk	rs11049087	8.05	7.68	0.162	0.34	19.6	0.0775	7.177	0.075	7.106	7.137	7.154	7.185	7.771	Yes
PPFIBP1	0killFCCo.V54HO4jk	rs1010094	6.59	6.30	-0.14	0.87	43.02	0.1	7.177	0.075	7.106	7.137	7.154	7.185	7.771	Yes
PPFIBP2	9US36el0Co4kEqH3IE	rs4408288	11.52	10.99	0.227	2.29	-45.61	0.225	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs4351800	5.11	4.89	0.101	1.73	-45.23	0.4025	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs6578868	4.99	4.77	-0.107	0.24	-22.46	0.42	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs3923015	5.24	5.01	-0.109	0.19	-14.52	0.1378	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7943470	3.66	3.51	-0.071	1.69	-7.94	0.3925	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs3884596	10.82	10.32	-0.216	2.83	-2.88	0.475	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs4322372	23.06	21.97	-0.414	7.51	20.02	0.47	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs4757999	22.67	21.60	0.407	7.83	21.01	0.455	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs12791447	3.85	3.68	-0.076	0.49	21.53	0.075	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7925442	14.54	13.86	0.276	5.57	23.68	0.4125	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs4758001	22.2	21.15	-0.395	5.8	24.88	0.2225	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs6578869	9.5	9.07	-0.192	2.91	26.15	0.24	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7481343	11.64	11.10	0.233	5.95	28.59	0.2175	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs11041434	5.09	4.87	0.1	2	31.24	0.23	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs4076808	10	9.54	-0.201	3.36	31.84	0.495	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs10839804	6.47	6.18	0.13	1.68	36.16	0.3575	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs6578872	6.47	6.18	-0.13	1.68	36.71	0.3575	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7481625	3.74	3.58	-0.071	1.62	41.3	0.215	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7478756	6.15	5.88	0.121	2.58	45.98	0.4725	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs10839814	3.3	3.16	-0.063	2.02	53.54	0.1974	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs7942861	6.69	6.39	-0.132	2.94	55.23	0.4975	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36el0Co4kEqH3IE	rs6578882	5.82	5.57	-0.113	0.84	64.34	0.3925	9.348	0.722	7.3	9.029	9.436	9.902	10.612	

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe		
			p-value (-log10)	% Variance Explained	p-value (-log10), GC adj.	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum			
PPFIBP2	9US36e10Co4kEqH3IE	rs7933428	3.66		3.51	-0.069	2.02	-67.45	0.1225	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36e10Co4kEqH3IE	rs12803437	3.57		3.42	0.068	0.38	-48.73	0.115	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPFIBP2	9US36e10Co4kEqH3IE	rs7123745	3.57		3.42	0.068	0.38	-41.77	0.115	9.348	0.722	7.3	9.029	9.436	9.902	10.612	
PPIL3	lkpP.i6XjxM9dUSQY	rs7562391	10.74		10.25	-0.217	4.73	0.49	0.1225	11.467	0.354	9.693	11.26	11.483	11.737	12.284	
PPIL3	lkpP.i6XjxM9dUSQY	rs7606251	21.92		20.88	0.413	8.48	1.05	0.2225	11.467	0.354	9.693	11.26	11.483	11.737	12.284	
PPIL3	lkpP.i6XjxM9dUSQY	rs4035021	9.84		9.39	-0.202	3.94	3.65	0.38	11.467	0.354	9.693	11.26	11.483	11.737	12.284	
PPIL3	lkpP.i6XjxM9dUSQY	rs6747253	13.37		12.76	0.265	5.67	-5.43	0.1425	11.467	0.354	9.693	11.26	11.483	11.737	12.284	
PPIL3	lkpP.i6XjxM9dUSQY	rs4381763	18.05		17.20	0.347	7.98	23.14	0.175	11.467	0.354	9.693	11.26	11.483	11.737	12.284	
PPIL5	0vIRHut8sjD_rrHgkU	rs4898626	5.89		5.63	0.125	5.22	-26.36	0.4925	8.884	0.221	7.362	8.771	8.897	9.021	9.53	
PPIL5	0vIRHut8sjD_rrHgkU	rs9989177	5.48		5.24	-0.115	4.71	11.08	0.495	8.884	0.221	7.362	8.771	8.897	9.021	9.53	
PPM1M	ilet45VBHlfn_1e0U	rs352169	8.02		7.66	0.159	5.67	-43.42	0.44	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs352165	8.35		7.98	-0.165	5.65	-37.28	0.4375	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs352163	8.55		8.16	0.171	5.99	-33.08	0.43	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs353547	4.1		3.92	-0.08	3.42	-11.32	0.425	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs4082828	4.48		4.29	-0.09	2.72	-5.44	0.1275	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs3796343	3.4		3.26	-0.065	3.17	39.56	0.1675	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPM1M	ilet45VBHlfn_1e0U	rs11708811	4.48		4.29	-0.09	2.72	44	0.1275	11.365	0.315	10.501	11.169	11.361	11.573	12.18	
PPP2CB	B9D_FSZdtuuJdO8Rpk	rs4733203	3.5		3.35	-0.063	0.98	38.1	0.07	9.417	0.306	8.345	9.226	9.43	9.586	10.24	
PPP2R2B	KIS.3eurUu.71yu3nk	rs586362	3.85		3.69	0.075	1.48	-155.69	0.3575	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs471172	3.46		3.32	0.066	1.52	-148.73	0.4925	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs2436401	3.85		3.69	-0.075	1.48	-148.29	0.3575	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs577197	3.56		3.40	0.069	1.48	-148.27	0.36	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs319171	3.56		3.40	0.069	1.2	-146.67	0.36	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs178549	3.49		3.34	-0.068	1.46	-139.49	0.3575	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs319161	3.49		3.34	0.068	1.46	-135.32	0.3575	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP2R2B	KIS.3eurUu.71yu3nk	rs1842346	3.33		3.19	0.063	1.11	-95.82	0.32	8.655	0.4	7.699	8.392	8.625	8.949	9.861	
PPP3R1	fe9S7QeU7nefQqoHJc	rs1868402	3.57		3.42	-0.066	1.97	3.05	0.2875	10.069	0.463	8.453	9.791	10.2	10.39	10.977	
PPWD1	QoJUeRrHoogJm6oog	rs6897886	4.26		4.07	-0.085	1.55	-29.88	0.385	8.094	0.434	7.135	7.792	8.028	8.299	9.493	
PPWD1	QoJUeRrHoogJm6oog	rs460262	5.5		5.25	0.112	2.38	4.7	0.37	8.094	0.434	7.135	7.792	8.028	8.299	9.493	
PPWD1	QoJUeRrHoogJm6oog	rs36133	5.5		5.25	0.112	2.35	9.14	0.37	8.094	0.434	7.135	7.792	8.028	8.299	9.493	
PPWD1	QoJUeRrHoogJm6oog	rs154861	5.4		5.17	0.109	2.35	13.68	0.3725	8.094	0.434	7.135	7.792	8.028	8.299	9.493	
PPWD1	QoJUeRrHoogJm6oog	rs468754	5.47		5.23	0.112	2.35	36.08	0.3719	8.094	0.434	7.135	7.792	8.028	8.299	9.493	
PRDX6	id6UKK7JK7iQzy5TuU	rs4405161	5.79		5.59	-0.122	1.77	-31.49	0.33	10.864	0.309	9.879	10.68	10.889	11.066	11.9	Yes
PRDX6	id6UKK7JK7iQzy5TuU	rs12140760	4.8		4.4	-0.1	0.94	-16.49	0.3825	10.864	0.309	9.879	10.68	10.889	11.066	11.9	Yes
PRF1	Kj0V7UB5cJXWU90JXk	rs2394730	3.29		3.15	-0.062	0.42	-36.6	0.397	10.095	0.642	8.709	9.697	10.075	10.536	12.165	
PRKACA	ovQpyJ56oqnl7.HRUU	rs3786661	3.72		3.56	0.074	2.02	-6.05	0.2424	7.19	0.083	7.105	7.137	7.167	7.218	7.798	
PRKCB1	04.BQghp5olySHSI7o	rs1976194	3.68		3.52	-0.07	1.13	-165.88	0.4925	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	04.BQghp5olySHSI7o	rs10852259	6.26		5.98	-0.121	2.4	-159.01	0.26	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	04.BQghp5olySHSI7o	rs16973180	6.26		5.98	-0.121	2.42	-156.93	0.26	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	04.BQghp5olySHSI7o	rs7193148	8.43		8.05	0.165	3	-155.85	0.1625	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	EQiiRdQfYQlvRSEI7o	rs7193148	4.43		4.23	0.083	2.86	-160.08	0.1625	9.605	0.414	7.258	9.422	9.598	9.817	10.691	
PRKCB1	04.BQghp5olySHSI7o	rs7195728	15.88		15.14	-0.301	3.33	-146.86	0.0775	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	EQiiRdQfYQlvRSEI7o	rs7195728	9.04		8.63	-0.175	2.1	-151.1	0.0775	9.605	0.414	7.258	9.422	9.598	9.817	10.691	
PRKCB1	I9azPj6iAfgZAINSVU	rs7195728	3.86		3.69	-0.073	0.62	-151.1	0.0775	9.088	0.564	7.121	8.699	9.056	9.48	10.563	
PRKCB1	04.BQghp5olySHSI7o	rs9929918	15.86		15.12	-0.303	3.41	-145.28	0.0783	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	EQiiRdQfYQlvRSEI7o	rs9929918	9.05		8.64	-0.176	2.06	-149.51	0.0783	9.605	0.414	7.258	9.422	9.598	9.817	10.691	
PRKCB1	I9azPj6iAfgZAINSVU	rs9929918	3.82		3.66	-0.073	0.66	-149.51	0.0783	9.088	0.564	7.121	8.699	9.056	9.48	10.563	
PRKCB1	04.BQghp5olySHSI7o	rs11648535	18.22		17.37	-0.339	3.62	-141.8	0.0725	12.109	0.324	11.417	11.892	12.053	12.289	13.38	
PRKCB1	EQiiRdQfYQlvRSEI7o	rs11648535	9.87		9.42	-0.191	2.08	-146.04	0.0725	9.605	0.414	7.258	9.422	9.598	9.817	10.691	
PRKCB1	I9azPj6iAfgZAINSVU	rs11648535	3.47		3.32	-0.065	0.68	-146.04	0.0725	9.088	0.564	7.121	8.699	9.056	9.48	10.563	
PRKG2	KeE4tSoikI_JDLs6RQ	rs3733553	3.32		3.18	-0.065	3.06	-11.71	0.2275	7.156	0.036	7.101	7.133	7.146	7.169	7.321	
PRMT2	c6eraJ1O9CJylytXHU	rs2839357	4.24		4.06	0.08	0.85	-32.64	0.1275	10.577	0.36	9.484	10.333	10.535	10.807	11.707	
PROSC	BX7XiiR.UpMvEn1Uew	rs7463174	3.45		3.30	0.07	3.09	-1.64	0.1843	10.847	0.283	9.634	10.76	10.884	10.993	11.386	
PRPF4B	oQk5E.65PQg6ANIMkk	rs723796	4.38		4.19	0.082	1.03	9.55	0.1175	7.114	0.027	7.094	7.104	7.107	7.115	7.398	
PRR17	fICwXVCeFeFSVRHe4	rs6011248	24.18		23.03	-0.443	7.25	-43.34	0.1725	7.164	0.089	7.101	7.116	7.128	7.164	7.596	Yes
PRR17	fICwXVCeFeFSVRHe4	rs2427590	24.18		23.03	-0.443	7.25	-27.44	0.1725	7.164	0.089	7.101	7.116	7.128	7.164	7.596	Yes
PRR17	fICwXVCeFeFSVRHe4	rs816922	36.4		34.66	0.579	4.21	-18.53	0.065	7.164	0.089	7.101	7.116	7.128	7.164	7.596	Yes
PRR17	fICwXVCeFeFSVRHe4	rs816931	36.4		34.66	0.579	4.07	-10.65	0.065	7.164	0.089	7.101	7.116	7.128	7.164	7.596	Yes
PRR4	uGKEW0hd3FWP197SXk	rs2298866	3.71		3.55	-0.069	0.5	31.93	0.4175	7.548	0.159	7.168	7.433	7.541	7.65	8.04	
PRR6	0Qf53V5bl2uudeDung	rs3112511	5.9		5.64	-0.118	1.4	-38.32	0.3975	9.098	0.298	8.339	8.869	9.076	9.29	10.396	
PRR6	0Qf53V5bl2uudeDung	rs9944524	4.35		4.16	-0.084	0.95	-33.2	0.4575	9.098	0.298	8.339	8.869	9.076	9.29	10.396	
PRR6	0Qf53V5bl2uudeDung	rs9890539	6.18		5.90	0.123	1.93	-24.53	0.4121	9.098	0.298	8.339	8.869	9.076	9.29	10.396	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
PRR6	0Qf53V5b12uudeDung	rs1476810	4.86	4.65	-0.095	1.34	-12.63	0.465	0.908	0.298	8.339	8.869	9.076	9.29	10.396	
PRR6	0Qf53V5b12uudeDung	rs7477	4.39	4.20	-0.084	1.35	0.17	0.465	0.908	0.298	8.339	8.869	9.076	9.29	10.396	
PRRX1	xBv11QjvxxGp9MGj0	rs12038255	4.2	4.02	-0.076	0.46	-14.85	0.1975	7.171	0.05	7.103	7.136	7.163	7.196	7.534	
PRSS16	uKl6ijKnDVCr158pzs	rs13219354	4.3	4.12	-0.073	3.72	-29.84	0.1156	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS16	uKl6ijKnDVCr158pzs	rs4452638	4.31	4.12	-0.073	3.8	5.01	0.115	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS16	uKl6ijKnDVCr158pzs	rs6938200	9.66	9.22	0.168	3.77	6.9	0.1784	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS16	uKl6ijKnDVCr158pzs	rs6915678	4.73	4.53	-0.081	4.08	11.62	0.3668	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS16	uKl6ijKnDVCr158pzs	rs6932590	4.92	4.71	-0.087	2.53	24.68	0.2375	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS16	uKl6ijKnDVCr158pzs	rs7746199	3.53	3.38	0.059	1.4	37.07	0.1625	7.302	0.129	7.123	7.209	7.284	7.358	7.786	
PRSS35	WSdOV00.M_7ze_reoQ	rs6901074	4.34	4.16	0.083	0.79	-48.33	0.32	7.13	0.028	7.098	7.116	7.123	7.138	7.403	
PRSS35	WSdOV00.M_7ze_reoQ	rs12203860	4.7	4.49	0.091	0.89	-47.87	0.2825	7.13	0.028	7.098	7.116	7.123	7.138	7.403	
PSAT1	Ek9TyQi_xVdVLFZfXc	rs10780231	3.92	3.76	0.074	0.98	-1.39	0.3325	8.226	0.317	7.417	8.017	8.198	8.445	9.56	
PSAT1	Ek9TyQi_xVdVLFZfXc	rs2788867	4.77	4.56	0.093	0.63	13.91	0.1475	8.226	0.317	7.417	8.017	8.198	8.445	9.56	
PSAT1	oZPpDIAojn8gAl.fg	rs10867188	4.18	4.00	-0.083	0.48	37.41	0.0725	7.131	0.029	7.099	7.115	7.124	7.135	7.383	
PSAT1	oZPpDIAojn8gAl.fg	rs11137631	4.18	4.00	-0.083	0.48	40.48	0.0725	7.131	0.029	7.099	7.115	7.124	7.135	7.383	
PSEN2	iF6ud6eiKAS9XGKLS	rs10916066	3.73	3.57	-0.067	2.2	14.79	0.25	7.435	0.213	7.12	7.295	7.401	7.537	8.49	
PSMB9	x6gOLnSojonyqK6ufU	rs3763349	6.58	6.28	0.136	3.2	-13.71	0.47	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs9357155	4.61	4.41	0.092	0.77	-12.09	0.11	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs6924102	4.84	4.63	0.099	1.4	-10.55	0.37	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs2071543	4.04	3.86	-0.079	0.58	-10.31	0.12	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs2071540	9.73	9.29	-0.194	3.15	-9.02	0.465	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs4713600	25.4	24.20	0.44	5.01	0.92	0.39	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs17587	14.59	13.91	-0.284	3.16	-2.54	0.225	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs2071477	25.4	24.20	-0.44	5.01	-2.28	0.39	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs9276831	4.85	4.64	0.1	1.68	4.41	0.1125	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs6929078	18.07	17.23	-0.335	3.82	11.04	0.3275	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs9276857	18.07	17.23	-0.335	3.67	13.69	0.3275	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs7757767	18.07	17.23	0.335	3.66	18.25	0.3275	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs241405	11.73	11.19	0.233	2.64	38.17	0.48	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs241404	7.64	7.29	-0.152	1.42	38.37	0.3875	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs3101942	6.96	6.65	-0.145	2.4	42.43	0.4275	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSMB9	x6gOLnSojonyqK6ufU	rs241398	7.64	7.29	0.152	1.39	47.82	0.3875	8.962	0.31	8.089	8.756	8.985	9.175	9.985	
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs920296	3.68	3.53	-0.069	2.02	-0.65	0.1475	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs920295	4.38	4.19	-0.083	2.51	-0.48	0.0975	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs7227161	3.94	3.77	0.074	2.08	3.7	0.145	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs2276199	3.94	3.77	0.074	2.08	5.21	0.145	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs3745001	3.97	3.80	0.075	2.45	10.48	0.1025	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs9675392	4.61	4.41	-0.086	1.94	22.03	0.18	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs687526	4.94	4.73	-0.096	2.67	27.49	0.1	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs654466	4.04	3.87	-0.076	1.51	31.31	0.1875	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PSTPIP2	Z.kCpQP1UB4Gp0oDvU	rs10502871	4.09	3.91	-0.077	1.62	33.32	0.18	8.972	0.448	7.139	8.667	8.988	9.272	10.404	Yes
PTCH1	QuXIFROt5TXBFSd50g	rs10512249	6.05	5.78	-0.123	0.39	-14.52	0.075	7.341	0.165	7.108	7.212	7.313	7.437	8.206	
PTER	0XSIEh_yw0.gpdFy7U	rs7909832	58.84	56.01	-0.752	11.15	0.97	0.44	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs2298126	20.22	19.27	-0.377	7.67	3.25	0.3655	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs7913889	6.1	5.83	0.119	2.14	3.64	0.185	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs11254053	7.14	6.82	-0.147	1.8	11.56	0.2875	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs10904768	3.53	3.38	-0.068	0.52	19.53	0.1055	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs7086455	3.44	3.30	0.065	0.43	27.51	0.1875	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs7084722	15.02	14.32	-0.298	5.34	39.66	0.4375	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTER	0XSIEh_yw0.gpdFy7U	rs10904772	3.72	3.56	0.074	4.36	49.45	0.3687	7.844	0.396	7.121	7.664	7.874	8.113	8.781	
PTGIR	WNuQcQaigqinnk_6uM	rs1126510	3.56	3.41	-0.066	2.18	0.06	0.345	7.259	0.081	7.116	7.201	7.247	7.307	7.545	Yes
PTPLA	Eli7m_3rZuh7hijR0	rs6602207	3.37	3.23	0.063	1.94	39.51	0.445	7.618	0.177	7.159	7.486	7.615	7.73	8.163	
PTPN1	iFeSJzriu6MKFK5Sns	rs4602269	4.98	4.73	-0.093	1.13	-28.85	0.05	10.885	0.258	9.328	10.773	10.889	11.062	11.477	
PUS3	cwlXToW1wOUKHoNWJU	rs481056	3.92	3.75	-0.076	1.16	-2.96	0.105	9.268	0.305	8.535	9.05	9.223	9.484	10.132	
PUS3	cwlXToW1wOUKHoNWJU	rs529457	3.78	3.62	0.074	1.2	-4.18	0.1075	9.268	0.305	8.535	9.05	9.223	9.484	10.132	
PUS7	r6EKf33NLJvxx_0Uuk	rs11764594	8.04	7.68	0.18	4.58	-6.75	0.1472	8.402	0.242	7.635	8.249	8.366	8.58	9.075	
PUS7	r6EKf33NLJvxx_0Uuk	rs10273718	3.78	3.62	-0.078	2.71	11.29	0.21	8.402	0.242	7.635	8.249	8.366	8.58	9.075	
PUS7	r6EKf33NLJvxx_0Uuk	rs6466070	3.79	3.63	-0.076	0.86	11.7	0.4293	8.402	0.242	7.635	8.249	8.366	8.58	9.075	
PVALB	6npj56lQl6oaQD6r4Y	rs4821544	4.21	4.03	0.079	1.05	42.99	0.36	7.248	0.14	7.113	7.178	7.212	7.263	8.156	Yes
PYGB	EqBKce19Xug_WIDckU	rs6083776	4.74	4.53	-0.096	4.31	-42.59	0.4575	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes
PYGB	EqBKce19Xug_WIDckU	rs2076559	3.84	3.68	-0.075	2.38	-41.49	0.31	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes
PYGB	EqBKce19Xug_WIDckU	rs1007707	4.74	4.53	0.096	3.84	-38.07	0.4575	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	percentile	percentile	percentile	percentile			
PYGB	EqBKc19Xug_WIDckU	rs3746337	5.18	4.95	0.107	2.48	-20.43	0.46	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes
PYGB	EqBKc19Xug_WIDckU	rs11697384	3.55	3.40	0.069	1.39	-22.05	0.2925	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes
PYGB	EqBKc19Xug_WIDckU	rs2274890	4.9	4.69	-0.101	1.93	22.37	0.25	9.433	0.401	8.648	9.145	9.37	9.729	10.536	Yes
QRSL1	QnjgkqiQZOkiH5fFU	rs7756087	7.96	7.60	-0.151	2.55	-38.02	0.3593	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs898896	4.84	4.63	-0.09	1.28	-14.29	0.3375	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs2054365	13.55	12.93	0.254	3.78	0.05	0.41	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs1419055	14.89	14.20	0.281	5.6	7.26	0.4337	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs7750365	18.6	17.73	0.348	7.74	11.84	0.447	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3804345	17.79	16.95	0.326	7.44	-17.32	0.4898	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3127657	16.76	15.97	0.31	6.79	-11.04	0.4596	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3101493	19.19	18.28	-0.356	7.71	-0.02	0.404	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3121447	15.13	14.43	0.281	6.65	1.03	0.4646	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3121445	18.85	17.97	0.347	8.1	8.47	0.405	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs9386579	4.72	4.52	0.089	1.98	20.26	0.285	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs12209982	4.15	3.97	-0.078	1.46	21.19	0.225	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs3104037	5.83	5.57	-0.112	3.42	24.25	0.4225	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs17067644	3.38	3.23	-0.062	1.03	24.95	0.1482	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs6940205	3.95	3.78	0.075	1.2	25.84	0.2025	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs910528	6.71	6.41	0.13	2.78	36.11	0.4525	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs2077953	4.29	4.11	0.082	1.1	42.62	0.275	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
QRSL1	QnjgkqiQZOkiH5fFU	rs2748293	3.59	3.44	0.067	1	45.08	0.2663	7.36	0.15	7.113	7.242	7.353	7.453	8.107	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs17008611	6.39	6.10	0.123	2.02	-38.66	0.2085	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs6710739	5.38	5.38	0.112	2.14	-21.52	0.2175	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs1046183	6.91	6.60	-0.131	1.34	1.31	0.1475	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs1430350	5.18	4.95	0.101	1.73	-10.26	0.215	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs1430351	5.18	4.95	0.101	1.73	-9.19	0.2136	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB11F1P5	EJRH6KAvkrq_pKISk4	rs6725882	3.44	3.30	-0.064	0.81	5.75	0.3106	8.475	0.305	7.729	8.295	8.444	8.635	9.546	
RAB14	0SISAPu1SCjtlD7hyk	rs12552499	5.73	5.48	-0.114	2.63	-42.92	0.1275	7.204	0.08	7.098	7.138	7.179	7.255	7.46	
RAB14	0SISAPu1SCjtlD7hyk	rs2146836	3.55	3.40	-0.068	1.65	-10.12	0.32	7.204	0.08	7.098	7.138	7.179	7.255	7.46	
RAB14	0SISAPu1SCjtlD7hyk	rs3789311	7.09	6.77	0.145	3.93	-1.42	0.1575	7.204	0.08	7.098	7.138	7.179	7.255	7.46	
RAB14	0SISAPu1SCjtlD7hyk	rs942152	3.67	3.51	-0.071	2.42	11.27	0.44	7.204	0.08	7.098	7.138	7.179	7.255	7.46	
RAB15	olc1EKIOHqAKzqJIKI	rs1951488	3.45	3.30	0.064	0.23	-40.32	0.2475	7.809	0.257	7.295	7.635	7.764	7.97	8.645	
RAB15	olc1EKIOHqAKzqJIKI	rs7143432	3.96	3.80	0.076	0.26	-33.39	0.2025	7.809	0.257	7.295	7.635	7.764	7.97	8.645	
RAB15	olc1EKIOHqAKzqJIKI	rs4902336	3.82	3.66	0.073	0.26	-25.27	0.205	7.809	0.257	7.295	7.635	7.764	7.97	8.645	
RAB23	Nk64nXndMKOIAIXwgo	rs7756421	5.39	5.16	0.103	2.73	-19.57	0.16	7.41	0.123	7.177	7.337	7.4	7.472	8.313	
RAB23	Nk64nXndMKOIAIXwgo	rs11398	5.71	5.45	-0.108	1.58	0.37	0.17	7.41	0.123	7.177	7.337	7.4	7.472	8.313	
RAB23	Nk64nXndMKOIAIXwgo	rs7744316	3.94	3.78	0.072	2.13	-5.2	0.21	7.41	0.123	7.177	7.337	7.4	7.472	8.313	
RAB34	In4VehP5Hh.NSFaieU	rs9900141	4.87	4.66	-0.096	1.17	48.66	0.2525	7.9	0.365	7.24	7.651	7.884	8.077	9.585	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs775466	4.17	3.99	-0.081	0.78	-31.62	0.26	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs17225596	5.69	5.44	-0.109	1.48	-25.81	0.2261	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs775450	7.26	6.93	-0.14	1.48	-15.4	0.3317	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs775448	7.6	7.26	0.146	1.48	-15.23	0.335	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs4258420	7.6	7.26	0.146	1.48	26.91	0.335	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs7305307	7.31	6.98	0.14	1.48	26.22	0.3225	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RAB3IP	HoHeOd5uoU5eB1WDB4	rs1240265	6.4	6.11	-0.127	0.24	28.99	0.4725	9.422	0.346	8.71	9.162	9.406	9.627	10.456	
RABAC1	9p3p7f.aZe8T3c3mRc	rs1864207	3.43	3.29	0.064	0.2	-32.07	0.3525	11.074	0.392	7.898	10.875	11.13	11.353	11.887	
RABEP1	WJ0vq.Ri717nzPS3uU	rs6502851	3.92	3.75	-0.078	3.32	-34.93	0.202	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs9914449	7.32	6.99	-0.146	2.55	-32.14	0.3525	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs7212681	16.91	16.12	-0.326	7.46	5.94	0.4975	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs2251155	16.91	16.12	-0.326	7.46	13.52	0.4975	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs16954515	4.62	4.42	0.091	4.7	17.38	0.2175	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs1046368	3.69	3.53	-0.072	5.83	19.14	0.1625	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs6502860	16.83	16.05	-0.326	7.88	51.43	0.4975	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs2987	4.03	3.86	0.078	1.19	-45.29	0.25	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs11871517	10.4	9.93	-0.208	5.6	-39.13	0.4125	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs11867190	9	8.60	-0.182	5.1	-27.91	0.395	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs11078559	17.8	16.97	0.34	7.77	-26.38	0.495	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs1000940	9.47	9.04	0.196	5.98	-5.88	0.3175	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs1065483	18.49	17.62	-0.345	8.08	-4.36	0.4125	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs2301739	3.39	3.24	0.065	3.36	19.25	0.19	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs2301740	14.76	14.08	-0.287	6.96	30.49	0.3875	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABEP1	WJ0vq.Ri717nzPS3uU	rs8074617	11.94	11.39	0.247	4.12	34.86	0.3075	9.743	0.305	7.59	9.577	9.755	9.936	10.63	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association						explained	association	transcript (kb)	Standard	25th		Median
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	Minimum	percentile	Median	percentile	Maximum		
RABEP1	WJ0vq.Ri717nzPS3uU	rs4790770	11.94	11.39	0.247	3.95	35.76	0.3075	9.743	0.305	7.59	9.577	9.755	9.936	10.63	
RABGEF1	9vR4tJ69UJ2RIK4wvE	rs10499785	15.29	14.58	0.287	2.85	-22.33	0.05	9.445	0.173	8.931	9.341	9.452	9.567	9.771	
RABGEF1	9vR4tJ69UJ2RIK4wvE	rs2077180	3.81	3.65	-0.071	2.12	-11.01	0.154	9.445	0.173	8.931	9.341	9.452	9.567	9.771	
RAD51C	ur4yLrIX5x5eT0kX0k	rs12946522	3.33	3.19	-0.06	1.8	-1.86	0.2	8.375	0.242	7.125	8.241	8.389	8.518	8.875	
RAD51L1	xokKvuC3t6VNA4UOn8	rs4902613	4.29	4.11	0.083	2.9	12.07	0.1475	7.21	0.062	7.121	7.168	7.198	7.232	7.482	
RAD51L1	xokKvuC3t6VNA4UOn8	rs17106012	5.94	5.68	-0.118	4.14	14.84	0.135	7.21	0.062	7.121	7.168	7.198	7.232	7.482	
RAD51L1	xokKvuC3t6VNA4UOn8	rs17834971	4.64	4.44	-0.091	3.63	15.07	0.1675	7.21	0.062	7.121	7.168	7.198	7.232	7.482	
RAD51L1	xokKvuC3t6VNA4UOn8	rs4902619	6.05	5.78	0.12	3.92	29.07	0.1375	7.21	0.062	7.121	7.168	7.198	7.232	7.482	
RAD54B	Npl0sJct.uqS_2F0UI	rs10956911	15.45	14.73	-0.289	5.01	-0.31	0.3325	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs3019146	13.19	12.58	0.257	3.98	29.92	0.3775	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs2246066	8.83	8.43	0.179	2.22	34.97	0.4041	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs2930961	17.23	16.42	-0.323	4.99	-43.5	0.35	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs935052	8.67	8.28	-0.172	2.56	-25.36	0.43	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs3099407	6.29	6.01	0.124	2.25	17.99	0.4397	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RAD54B	Npl0sJct.uqS_2F0UI	rs3099412	6.03	5.76	0.12	2.27	36.9	0.4365	7.717	0.201	7.233	7.567	7.72	7.853	8.312	
RALBP1	uih0ksUFMNOJ3qMh60	rs12970514	3.33	3.19	-0.066	1.55	47.23	0.175	9.45	0.254	7.951	9.282	9.454	9.629	10.059	
RALGPS1	TbdFZLBR4GONJXU6r0	rs10819243	4.07	3.90	0.076	1.95	-43.73	0.3725	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs561041	3.81	3.65	-0.072	2.56	-18.38	0.245	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs671261	4.25	4.06	-0.081	2.99	-17.14	0.25	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs7859816	4.74	4.53	-0.092	2.67	-7.5	0.27	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs670410	4.35	4.16	0.083	2.94	23.48	0.245	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs518116	4.35	4.16	-0.083	2.94	38.68	0.245	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs3120028	4.35	4.16	-0.083	2.94	49.81	0.245	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs11790388	3.48	3.33	0.066	1.3	63.23	0.1375	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs7040080	3.34	3.20	-0.062	1.86	64.99	0.5	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs7022033	3.92	3.76	0.075	3.01	90.47	0.2475	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs1536705	3.35	3.21	0.061	1.86	94.82	0.5	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs2297866	3.34	3.20	0.061	1.86	-131.24	0.495	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs13298677	3.48	3.33	0.066	1.3	-122.45	0.1375	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs2789507	3.33	3.19	-0.06	2.29	-74.68	0.475	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs3739554	3.44	3.29	0.064	1.5	-44.8	0.1475	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs2151272	4.38	4.20	-0.084	1.34	-36.67	0.25	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RALGPS1	TbdFZLBR4GONJXU6r0	rs1890546	3.66	3.51	-0.067	1.66	-33.3	0.5	7.878	0.266	7.183	7.729	7.832	8.005	9.259	
RAP1A	QrjxXuzCLO7dHkX0Ok	rs2800881	5.73	5.48	0.112	1	-28.5	0.3894	7.741	0.372	7.128	7.473	7.729	7.94	8.951	
RAP1A	QrjxXuzCLO7dHkX0Ok	rs2786991	3.95	3.79	-0.075	1.67	-14.84	0.425	7.741	0.372	7.128	7.473	7.729	7.94	8.951	
RAP1A	QrjxXuzCLO7dHkX0Ok	rs4839154	3.64	3.49	0.069	1.81	-5.44	0.2275	7.741	0.372	7.128	7.473	7.729	7.94	8.951	
RAP1A	QrjxXuzCLO7dHkX0Ok	rs10489469	4.15	3.97	-0.079	1.58	-22.02	0.185	7.741	0.372	7.128	7.473	7.729	7.94	8.951	
RAP1A	QrjxXuzCLO7dHkX0Ok	rs3767595	4.44	4.25	-0.085	1.49	-11.47	0.1875	7.741	0.372	7.128	7.473	7.729	7.94	8.951	
RAPGEF6	695J0XVUTdMkUr7t4U	rs31251	4.11	3.94	-0.08	4.28	72.34	0.4369	10.91	0.556	9.432	10.573	10.862	11.272	13.31	
RASA1	uAeVH2_fniHdqUppr8	rs16902601	3.62	3.47	-0.071	0.2	-24.89	0.2225	7.128	0.026	7.1	7.112	7.121	7.136	7.316	Yes
RASA1	uAeVH2_fniHdqUppr8	rs10942498	3.9	3.73	0.077	0.01	-23.84	0.23	7.128	0.026	7.1	7.112	7.121	7.136	7.316	Yes
RASGEF1A	6ITi3rXq6JKDL1Hs_0	rs2503846	3.29	3.15	-0.062	2.21	-31.57	0.27	7.493	0.18	7.135	7.373	7.478	7.616	8.206	
RASGRP2	ljel_VeLUajvToCShI	rs2052482	3.48	3.33	0.067	1.04	26.03	0.2275	7.247	0.079	7.127	7.184	7.23	7.304	7.453	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs7603061	3.35	3.21	0.064	2.52	9.59	0.3375	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs2124437	8.76	8.36	0.178	4.21	21.32	0.3575	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs10189117	3.36	3.22	0.066	0.96	27.23	0.1718	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs13398130	3.55	3.40	-0.067	1.16	27.74	0.1825	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs2054133	8.13	7.77	-0.166	5.09	30.39	0.4775	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs13408995	4.6	4.40	0.094	4.21	30.69	0.3525	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs10191627	4.82	4.61	0.096	1.61	33.44	0.2107	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs2887087	9.68	9.24	-0.198	4.77	33.66	0.4362	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs11124321	5.9	5.64	-0.126	4.35	39.99	0.3945	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs17594260	6.73	6.43	-0.137	2.4	40.22	0.1244	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs2367735	3.63	3.48	0.075	3.27	41.26	0.4799	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RASGRP3	cgbIN7AkdIKSU1cjvo	rs13031142	5.71	5.46	-0.117	2	42.51	0.435	7.896	0.252	7.228	7.715	7.887	8.07	8.673	
RBL2	iVT2u65LuALX4_9q7k	rs8056923	3.54	3.39	-0.066	1.52	-31.2	0.47	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBL2	iVT2u65LuALX4_9q7k	rs9921587	4.52	4.33	-0.086	1.99	7.25	0.49	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBL2	iVT2u65LuALX4_9q7k	rs8043918	5.05	4.83	-0.097	1.94	-12.53	0.49	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBL2	iVT2u65LuALX4_9q7k	rs7189819	5.12	4.90	-0.098	3.03	10.79	0.345	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBL2	iVT2u65LuALX4_9q7k	rs3095571	3.35	3.21	0.062	2.41	19.43	0.47	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBL2	iVT2u65LuALX4_9q7k	rs17194040	3.79	3.62	0.069	2.77	25.34	0.3075	11.706	0.473	9.438	11.516	11.8	11.974	12.798	
RBM11	Wp6j0O6Lro.XglCy5l	rs374916	3.62	3.46	-0.07	1.7	-38.04	0.2601	7.538	0.189	7.171	7.407	7.529	7.638	8.17	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
RBM11	Wp6j0O6Lro.XglCy5l	rs434247	3.71	3.55	0.071	2.25	-11.94	0.2325	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM11	Wp6j0O6Lro.XglCy5l	rs447455	3.49	3.34	0.067	1.56	-7.65	0.255	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM11	Wp6j0O6Lro.XglCy5l	rs389468	4	3.83	-0.076	2.33	5.99	0.105	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM11	Wp6j0O6Lro.XglCy5l	rs409782	4.85	4.64	-0.093	2.44	-3.91	0.1625	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM11	Wp6j0O6Lro.XglCy5l	rs433899	6.35	6.07	0.129	3.27	2.91	0.375	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM11	Wp6j0O6Lro.XglCy5l	rs2041610	3.52	3.37	-0.067	1.58	9.75	0.1884	7.538	0.189	7.171	7.407	7.529	7.638	8.17
RBM43	9uJenHgHn57BelUv_0	rs289903	4.33	4.14	-0.079	1.1	-21.2	0.455	7.295	0.155	7.115	7.174	7.256	7.377	7.84
RBM43	9uJenHgHn57BelUv_0	rs2218880	4.58	4.38	0.084	1.06	-6.03	0.435	7.295	0.155	7.115	7.174	7.256	7.377	7.84
RBM43	9uJenHgHn57BelUv_0	rs2271811	4.37	4.18	0.08	0.89	-0.6	0.4325	7.295	0.155	7.115	7.174	7.256	7.377	7.84
RBM43	9uJenHgHn57BelUv_0	rs6433327	4.73	4.53	-0.086	1.22	36.35	0.455	7.295	0.155	7.115	7.174	7.256	7.377	7.84
RBM43	9uJenHgHn57BelUv_0	rs6726634	5.1	4.87	0.093	1.16	41.5	0.47	7.295	0.155	7.115	7.174	7.256	7.377	7.84
RBM6	0qVS76JdKCBSQCEtQY	rs2230590	4.49	4.29	0.081	1.11	-41.49	0.4725	9.827	0.438	8.541	9.571	9.83	10.09	11.58
RBM6	0qVS76JdKCBSQCEtQY	rs4688758	4.96	4.74	0.09	1.27	50.79	0.465	9.827	0.438	8.541	9.571	9.83	10.09	11.58
RBM6	0qVS76JdKCBSQCEtQY	rs6765484	4.96	4.74	0.09	1.3	63.72	0.465	9.827	0.438	8.541	9.571	9.83	10.09	11.58
RBM6	0qVS76JdKCBSQCEtQY	rs2526748	4.96	4.74	0.09	0.98	-34.24	0.465	9.827	0.438	8.541	9.571	9.83	10.09	11.58
RBMS1	cSOXxSxlFzxvSzeQk	rs1020732	3.68	3.52	-0.07	4.68	13.73	0.435	8.054	0.369	7.109	7.828	8.039	8.271	9.083
RBMS2	BSAnuuegTY4KJXHx4k	rs941208	3.4	3.26	-0.063	0.72	-0.36	0.335	7.233	0.122	7.125	7.166	7.203	7.26	8.341
RBMS2	BSAnuuegTY4KJXHx4k	rs10450	3.35	3.21	-0.062	0.87	1	0.2725	7.233	0.122	7.125	7.166	7.203	7.26	8.341
RBP1	rS4nqGiEJ1Lu5lKull	rs12493507	3.36	3.22	0.066	0.3	3.13	0.115	7.113	0.01	7.096	7.106	7.111	7.119	7.173
RBPMS2	rpT9lfq4pp77T5414	rs1008917	3.43	3.29	0.068	1.11	-8.12	0.1325	7.276	0.296	7.101	7.127	7.152	7.288	9.048
RBPMS2	rpT9lfq4pp77T5414	rs7174486	9.37	8.96	0.198	1.71	10.12	0.0675	7.276	0.296	7.101	7.127	7.152	7.288	9.048
RC3H1	3wEDq66q6gqwxLXlPK	rs1951626	3.41	3.24	0.066	1.28	-13.82	0.3125	7.227	0.082	7.108	7.175	7.212	7.256	7.628
RCCD1	x7K7u7e6.JA79UVQq0	rs7183098	8.83	8.43	0.175	0.79	-45.81	0.2725	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs2106673	9.24	8.82	0.185	0.87	-45.51	0.2825	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs1266492	9.08	8.66	-0.182	0.82	-42	0.2725	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs11073961	12.59	12.01	0.243	1.51	-14.71	0.26	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs2001217	6.99	6.68	0.139	1.28	0.14	0.4125	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs7601	6.46	6.17	-0.122	1.42	3.24	0.3075	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs2290202	15.68	14.95	0.292	1.17	5.91	0.13	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs8042680	6.89	6.58	-0.134	1.29	14.98	0.32	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs2301826	10.02	9.56	0.196	0.91	18.84	0.185	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs3803563	13.33	12.72	-0.249	1.36	25	0.1725	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs12899811	5.36	5.13	0.105	1.01	37.72	0.315	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs4244883	4.61	4.41	-0.088	1.35	40.14	0.4	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCCD1	x7K7u7e6.JA79UVQq0	rs3826033	18.29	17.44	-0.326	1.38	42.25	0.12	8.232	0.3	7.663	8.029	8.202	8.366	9.337
RCHY1	caxUq_fQs.vThG0HY4	rs11731477	7.64	7.30	-0.161	2.6	-44.92	0.2125	7.932	0.219	7.152	7.804	7.944	8.076	8.464
RCHY1	caxUq_fQs.vThG0HY4	rs10518140	7.68	7.33	-0.163	2.77	13.44	0.2175	7.932	0.219	7.152	7.804	7.944	8.076	8.464
RCHY1	caxUq_fQs.vThG0HY4	rs7673610	7.68	7.33	0.163	2.77	20.91	0.2175	7.932	0.219	7.152	7.804	7.944	8.076	8.464
RCHY1	caxUq_fQs.vThG0HY4	rs11722735	4.63	4.43	0.093	2.35	27.95	0.3015	7.932	0.219	7.152	7.804	7.944	8.076	8.464
RCHY1	caxUq_fQs.vThG0HY4	rs11728930	3.73	3.57	0.073	1	40.16	0.1125	7.932	0.219	7.152	7.804	7.944	8.076	8.464
RCL1	NXui3vHvf3kKHRdfiU	rs1260073	3.64	3.49	-0.067	0.63	-0.49	0.4	8.224	0.197	7.463	8.086	8.233	8.347	8.627
RCL1	NXui3vHvf3kKHRdfiU	rs10072	6.72	6.42	-0.129	1.43	-0.1	0.37	8.224	0.197	7.463	8.086	8.233	8.347	8.627
RCL1	NXui3vHvf3kKHRdfiU	rs7850837	3.33	3.19	0.063	1.85	5.78	0.4304	8.224	0.197	7.463	8.086	8.233	8.347	8.627
REEP6	HLlYnrVeU9ahd3osR8	rs166451	3.42	3.28	-0.064	0.55	-15.77	0.0553	7.75	0.232	7.255	7.585	7.745	7.901	8.467
RELN	KpXsneDnP7sHgK_R3l	rs2906634	3.68	3.52	0.073	0.38	46.53	0.4278	7.117	0.015	7.096	7.107	7.113	7.122	7.173
RELN	KpXsneDnP7sHgK_R3l	rs2711853	3.53	3.38	0.069	0.81	49.05	0.3615	7.117	0.015	7.096	7.107	7.113	7.122	7.173
RERE	3leF9Ou3_CVBR2v19o	rs301819	3.36	3.22	0.063	0.32	89.33	0.3975	10.247	0.389	9.326	9.952	10.243	10.51	11.26
RFC4	Ql4q05JB0nbQ0HU47o	rs1354091	3.62	3.47	0.072	2.02	-1.78	0.2425	9.479	0.279	7.129	9.352	9.504	9.629	10.244
RFC4	Ql4q05JB0nbQ0HU47o	rs2066500	3.62	3.47	-0.072	1.95	0.24	0.2425	9.479	0.279	7.129	9.352	9.504	9.629	10.244
RFC4	Ql4q05JB0nbQ0HU47o	rs16861184	3.62	3.47	-0.072	1.95	-3.81	0.2425	9.479	0.279	7.129	9.352	9.504	9.629	10.244
RFPL2	oFEifo96HuL_KjopZc	rs738203	3.9	3.73	-0.074	0.43	17.61	0.2136	7.282	0.119	7.112	7.19	7.255	7.348	7.631
RFPL2	oFEifo96HuL_KjopZc	rs8142488	3.39	3.24	0.064	0.61	25.54	0.19	7.282	0.119	7.112	7.19	7.255	7.348	7.631
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs3792159	4.24	4.06	-0.085	2.55	-31.83	0.385	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs11685247	4.85	4.64	0.099	3.44	30.93	0.14	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs1455653	4.35	4.16	0.087	2.75	42.79	0.38	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs6719729	4.35	4.16	0.087	2.75	44.54	0.38	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs2045244	4.97	4.75	-0.101	2.14	-34.12	0.1475	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs7564924	7.2	6.88	-0.146	3.95	-26.71	0.3525	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs1598469	7.15	6.83	0.146	3.63	-24.93	0.3518	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RFTN2	Wfn.f1X3Dlrp.L_FSU	rs1902249	7.07	6.75	0.144	3.76	-19.23	0.3518	7.175	0.054	7.106	7.137	7.161	7.201	7.459
RGMB	BMnvSK3XqonwBqoBHo	rs2545680	3.3	3.16	-0.064	0.8	-0.32	0.1775	7.395	0.138	7.143	7.292	7.38	7.478	7.872
RGS12	iV1NbroRe7p3Reb.g	rs3129317	3.29	3.15	-0.061	0.44	-28.22	0.36	8.401	0.329	7.686	8.197	8.389	8.566	9.669

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association	association		association				Standard	25th	Median	75th	Maximum	
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum	
RGS12	iV1NbfroRe7p3Reb.g	rs2857861	4.22	4.04	-0.077	1.36	7.89	0.4225	8.401	0.329	7.686	8.197	8.389	8.566	9.669
RGS12	iV1NbfroRe7p3Reb.g	rs7435601	4.84	4.63	0.092	1.56	53.77	0.3675	8.401	0.329	7.686	8.197	8.389	8.566	9.669
RGS17	ooA1w6o9d6_9HIAHuk	rs583297	4.04	3.87	0.08	1.55	17.79	0.405	7.144	0.029	7.096	7.122	7.138	7.159	7.26
RGS17	ooA1w6o9d6_9HIAHuk	rs12192214	3.35	3.21	-0.064	2.32	40.48	0.3543	7.144	0.029	7.096	7.122	7.138	7.159	7.26
RGS6	u11S383gpUIAkVdwFo	rs11621871	3.32	3.18	0.067	1.14	101.33	0.191	7.164	0.04	7.112	7.135	7.152	7.179	7.327
RHBDL2	rjq3Wu3.knRPkro.no	rs6703810	3.47	3.33	-0.066	0.37	-6.12	0.0725	7.123	0.018	7.101	7.114	7.12	7.127	7.279
RIMS3	ZuSTf1wfvuvVq6SuRI	rs12562229	5.92	5.66	0.117	2.24	18.89	0.2525	8.214	0.228	7.7	8.056	8.2	8.326	9.236
RIMS3	ZuSTf1wfvuvVq6SuRI	rs2780944	4.03	3.86	0.08	2.03	-15.72	0.305	8.214	0.228	7.7	8.056	8.2	8.326	9.236
RIN2	TUv5K6EBzifrs1GwRI	rs4814909	3.57	3.42	-0.066	0.34	-45.34	0.0925	7.871	0.619	7.122	7.333	7.674	8.341	9.982
RIOK2	KQootXnp3hizgig5XQ	rs160632	4.56	4.37	-0.083	2.58	4.88	0.3725	9.365	0.243	8.57	9.23	9.387	9.539	9.868
RIT2	ip8uKgpZCCci1OU1_Og	rs949223	4.03	3.86	0.081	1.03	-181	0.1865	7.112	0.008	7.096	7.106	7.111	7.116	7.136
RIT2	ip8uKgpZCCci1OU1_Og	rs525291	3.81	3.65	-0.079	2.06	-180.42	0.12	7.112	0.008	7.096	7.106	7.111	7.116	7.136
RLN1	6hhXG6R7_IDvIw_vsU	rs7047392	3.82	3.66	-0.073	1.4	-37.41	0.2823	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs10491649	5.16	4.93	-0.101	4.59	-16.2	0.447	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs10125965	5.52	5.28	-0.106	4.97	-1.82	0.4425	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs2273782	11.98	11.43	-0.222	6.83	0.5	0.25	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs1322220	5.62	5.37	0.106	3.66	0.72	0.425	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs2181146	5.53	5.29	-0.103	4.52	20.42	0.09	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN1	6hhXG6R7_IDvIw_vsU	rs10815198	7.22	6.90	0.137	3.05	35.35	0.3775	7.533	0.167	7.205	7.411	7.521	7.629	8.133
RLN2	oR6g3RaGioCR4gSgnk	rs2273782	9.91	9.46	0.194	1.14	30.89	0.25	7.814	0.262	7.114	7.645	7.83	8.034	8.329
RLN2	fgHz2QyEC4JZJSS19I	rs2273782	4.47	4.28	0.087	0.58	30.89	0.25	7.258	0.186	7.106	7.136	7.179	7.296	8.011
RLN2	oR6g3RaGioCR4gSgnk	rs1322220	3.55	3.40	-0.067	0.13	36.02	0.425	7.814	0.262	7.114	7.645	7.83	8.034	8.329
RMND1	Kmg0Xg4gipHWfouj4	rs7775640	4.65	4.45	-0.087	2.29	-20.66	0.27	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs7771156	5.04	4.82	0.095	1.17	-4.24	0.395	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs3778608	4.76	4.56	-0.088	1.18	12.14	0.4749	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs3800270	5.38	5.15	-0.104	1.85	18.07	0.145	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs3757316	4.15	3.97	0.077	0.42	1.08	0.4128	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs6916340	4.48	4.28	0.082	1.18	5.8	0.41	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND1	Kmg0Xg4gipHWfouj4	rs6937816	3.69	3.53	0.067	0.41	21.45	0.355	7.954	0.166	7.347	7.838	7.961	8.067	8.371
RMND5A	WfRSa_o_iSifouf61A	rs938486	3.47	3.32	-0.067	2.35	-7.71	0.3116	7.242	0.105	7.1	7.182	7.225	7.281	8.18
RNASE4	EUuyelHzUqf.cfTRCg	rs10139564	5.9	5.64	-0.117	3.01	-2.59	0.4075	7.665	0.423	7.108	7.382	7.573	7.827	9.737
RNASE4	EUuyelHzUqf.cfTRCg	rs2067689	3.53	3.38	0.069	0.78	-2.44	0.2613	7.665	0.423	7.108	7.382	7.573	7.827	9.737
RNASE4	EUuyelHzUqf.cfTRCg	rs9322855	3.64	3.48	-0.068	2.46	0.93	0.405	7.665	0.423	7.108	7.382	7.573	7.827	9.737
RNASE4	EUuyelHzUqf.cfTRCg	rs8004382	3.73	3.58	-0.07	1.59	3.02	0.485	7.665	0.423	7.108	7.382	7.573	7.827	9.737
RNASEH2B	0kA4eSdlKf6c_C_Eluc	rs474012	3.51	3.36	0.07	1.24	-44.47	0.4875	8.847	1.047	7.136	8.051	8.558	9.543	11.331
RNASEH2B	0kA4eSdlKf6c_C_Eluc	rs2408213	3.74	3.59	-0.073	1.43	-31.18	0.3	8.847	1.047	7.136	8.051	8.558	9.543	11.331
RNASET2	xjpUt9zVUXACFCt45U	rs1212550	4.39	4.20	0.084	2.48	-11.84	0.3543	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs2236312	4.66	4.46	-0.094	0.69	-9.97	0.2	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs2236313	8.68	8.29	-0.18	1.29	-9.69	0.3975	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs9366076	6.36	6.08	0.13	1.28	3.63	0.2325	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs9355610	7.34	7.01	-0.148	1.47	13	0.355	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs429083	10.12	9.66	0.207	1.62	13.89	0.47	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs9366078	7.34	7.01	0.148	1.47	29.43	0.355	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs933243	7.21	6.89	-0.148	1.25	33.8	0.3528	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNASET2	xjpUt9zVUXACFCt45U	rs400837	10.12	9.66	0.207	1.62	40.93	0.47	13.776	0.339	12.944	13.562	13.754	13.977	14.629
RNF13	Bi6khNgIASSzVoJHTk	rs3772200	3.36	3.21	0.066	1.79	13.85	0.0875	7.257	0.099	7.131	7.19	7.231	7.295	7.738
RNF138	f.Vd_0uT6gyoyH8SM	rs4799327	8.1	7.73	0.163	3.58	3.15	0.175	9.08	0.495	7.19	8.852	9.147	9.401	10.147
RNF138	f.Vd_0uT6gyoyH8SM	rs7229437	6.96	6.65	0.141	3.09	-13.33	0.1675	9.08	0.495	7.19	8.852	9.147	9.401	10.147
RNF138	f.Vd_0uT6gyoyH8SM	rs4239374	13.08	12.47	0.259	2.78	-9.3	0.0625	9.08	0.495	7.19	8.852	9.147	9.401	10.147
RNF138	f.Vd_0uT6gyoyH8SM	rs1834162	3.71	3.55	-0.072	1.7	19.56	0.055	9.08	0.495	7.19	8.852	9.147	9.401	10.147
RNF150	KorXnkBVeJf5T0cFfA	rs7687054	11.17	11.17	0.235	1.8	-121.52	0.085	7.127	0.113	7.092	7.104	7.11	7.118	8.541
RNF150	KorXnkBVeJf5T0cFfA	rs17425634	3.38	3.23	-0.064	1.02	-111.56	0.2725	7.127	0.113	7.092	7.104	7.11	7.118	8.541
RNF167	KVCfdXxURc1.4qn_q4	rs400688	6.26	5.98	-0.129	3.86	-3.7	0.1913	10.018	0.278	9.214	9.831	10.021	10.196	10.63
RNF167	KVCfdXxURc1.4qn_q4	rs238224	3.93	3.76	-0.073	2.4	14.87	0.1725	10.018	0.278	9.214	9.831	10.021	10.196	10.63
RNF167	KVCfdXxURc1.4qn_q4	rs452825	5.6	5.35	0.109	3.96	25.68	0.2	10.018	0.278	9.214	9.831	10.021	10.196	10.63
RNF167	KVCfdXxURc1.4qn_q4	rs238228	5.45	5.25	0.107	3.47	30.42	0.21	10.018	0.278	9.214	9.831	10.021	10.196	10.63
RNF175	rRyp6DKEkhVIJBMeTo	rs7654018	3.77	3.61	-0.074	0.64	8.36	0.3475	7.884	0.371	7.19	7.614	7.851	8.085	9.337
RNF175	rRyp6DKEkhVIJBMeTo	rs10517577	7.17	6.85	0.143	1.73	13.22	0.26	7.884	0.371	7.19	7.614	7.851	8.085	9.337
RNF175	rRyp6DKEkhVIJBMeTo	rs2606324	8	7.64	-0.159	1.75	21.14	0.265	7.884	0.371	7.19	7.614	7.851	8.085	9.337
RNF175	rRyp6DKEkhVIJBMeTo	rs2251997	8	7.64	-0.159	1.75	22.75	0.265	7.884	0.371	7.19	7.614	7.851	8.085	9.337
RNF175	rRyp6DKEkhVIJBMeTo	rs2251900	8	7.64	-0.159	1.75	22.83	0.265	7.884	0.371	7.19	7.614	7.851	8.085	9.337
RNF175	rRyp6DKEkhVIJBMeTo	rs11099898	10.19	9.73	0.205	3.19	-16.37	0.4975	7.884	0.371	7.19	7.614	7.851	8.085	9.337

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				transcript (kb)	Standard	25th	Median	75th		Maximum
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	Minimum	percentile	percentile	percentile	Maximum		
RNF175	rRyp6DKEkhVIJBMeTo	rs1598632	10.56	10.08	0.216	2.91	-14.01	0.4923	7.884	0.371	7.19	7.614	7.851	8.085	9.337	
RNF175	rRyp6DKEkhVIJBMeTo	rs7653960	8.7	8.31	-0.171	2.43	16.04	0.315	7.884	0.371	7.19	7.614	7.851	8.085	9.337	
RNF175	rRyp6DKEkhVIJBMeTo	rs732681	7.65	7.31	0.156	3.16	43.73	0.4598	7.884	0.371	7.19	7.614	7.851	8.085	9.337	
RNF190	un4k3OpJRJhS3LVISQ	rs8072519	4.55	4.35	0.091	3.09	7.82	0.365	7.139	0.038	7.099	7.118	7.131	7.145	7.483	
RNF190	un4k3OpJRJhS3LVISQ	rs17683483	4.6	4.40	-0.094	1.33	23.81	0.15	7.139	0.038	7.099	7.118	7.131	7.145	7.483	
RNF32	chKXX9TI7Xd5Z15xSA	rs7790357	4.47	4.27	-0.092	3.64	-5.61	0.1658	7.159	0.04	7.106	7.132	7.149	7.176	7.336	
RNF32	chKXX9TI7Xd5Z15xSA	rs12007	3.38	3.24	0.062	1.91	-0.2	0.34	7.159	0.04	7.106	7.132	7.149	7.176	7.336	
RNF8	uviksou6r36ghjql_w	rs2284922	4.3	4.12	0.082	1.75	-13.48	0.32	7.301	0.087	7.124	7.246	7.296	7.343	7.774	
RNPEP	cR5KkmrPddVFWt3qCA	rs4950752	3.86	3.69	-0.072	1.32	4.66	0.4	9.259	0.387	8.146	9.036	9.246	9.424	10.628	
ROBO1	rs0reFUJugBAIAQB4FE	rs1865862	4.45	4.26	-0.088	2.22	157.46	0.285	7.12	0.013	7.099	7.111	7.117	7.124	7.182	
ROBO3	WCiKEgGWloFCOFfvk	rs11219821	10.76	10.27	0.208	2.67	6.49	0.48	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
ROBO3	WCiKEgGWloFCOFfvk	rs4606490	6.9	6.59	0.134	1.14	7.45	0.4592	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
ROBO3	WCiKEgGWloFCOFfvk	rs6590109	3.41	3.27	-0.062	0.73	7.69	0.355	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
ROBO3	WCiKEgGWloFCOFfvk	rs4586175	4.18	4.00	-0.081	0.85	18.26	0.21	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
ROBO3	WCiKEgGWloFCOFfvk	rs4077566	9.02	8.61	0.178	2.4	19.91	0.4075	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
ROBO3	WCiKEgGWloFCOFfvk	rs4936958	3.35	3.21	-0.06	0.54	43.79	0.1307	8.569	0.49	7.384	8.242	8.564	8.891	10.118	
RPA2	ZiVyWlBeel3l7.T9Uc	rs3766398	3.47	3.32	-0.067	1.29	-8.74	0.3317	10.119	0.264	9.46	9.945	10.125	10.301	10.721	
RPA2	ZiVyWlBeel3l7.T9Uc	rs3766400	3.74	3.58	-0.073	1.07	-8.68	0.3342	10.119	0.264	9.46	9.945	10.125	10.301	10.721	
RPA2	ZiVyWlBeel3l7.T9Uc	rs2236074	7.75	7.40	0.154	2.69	-6.66	0.3775	10.119	0.264	9.46	9.945	10.125	10.301	10.721	
RPA2	ZiVyWlBeel3l7.T9Uc	rs1467464	7.32	6.99	0.15	3.24	-6.4	0.392	10.119	0.264	9.46	9.945	10.125	10.301	10.721	
RPA2	ZiVyWlBeel3l7.T9Uc	rs7536088	7.12	6.80	-0.144	3.02	-6.91	0.3875	10.119	0.264	9.46	9.945	10.125	10.301	10.721	
RPA3	Z3eg_6C6_giwWUkUU0	rs886727	3.37	3.23	-0.065	1.87	-12.78	0.2854	10.688	0.262	9.296	10.577	10.714	10.859	11.277	
RPL13	E67v26gQepeo6p9Hns	rs2292954	6.76	6.46	0.13	2.18	-14.01	0.17	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL13	E67v26gQepeo6p9Hns	rs2019604	4.37	4.18	-0.083	2.12	-11.37	0.148	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL13	E67v26gQepeo6p9Hns	rs2889543	6.47	6.18	-0.124	2.08	-10.96	0.1683	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL13	E67v26gQepeo6p9Hns	rs17775174	6.76	6.46	0.13	2.18	-9.61	0.17	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL13	E67v26gQepeo6p9Hns	rs3751691	7.69	7.36	0.146	2.11	1.25	0.16	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL13	E67v26gQepeo6p9Hns	rs3751688	6.77	6.47	-0.129	2.12	4.59	0.16	13.061	0.382	11.996	12.788	13.097	13.304	14.15	
RPL28	BVCRReghOUJ7ksOXro	rs6509940	5.32	5.09	0.102	2.13	-13.42	0.475	8.843	0.26	8.053	8.667	8.865	9.025	9.548	
RPL28	BVCRReghOUJ7ksOXro	rs17700376	18.32	17.46	-0.342	5.54	0.03	0.34	8.843	0.26	8.053	8.667	8.865	9.025	9.548	
RPL28	BVCRReghOUJ7ksOXro	rs10425596	3.61	3.45	0.068	0.43	-2.35	0.2025	8.843	0.26	8.053	8.667	8.865	9.025	9.548	
RPL37	3Xm0SoJbcSIJJ1UlJg	rs466108	3.31	3.17	0.061	0.42	-28.62	0.315	8.952	0.243	8.208	8.812	8.957	9.12	9.606	
RPL37	3Xm0SoJbcSIJJ1UlJg	rs461404	3.31	3.17	-0.061	0.42	-25.82	0.315	8.952	0.243	8.208	8.812	8.957	9.12	9.606	
RPP38	xVWnS4iDZVbT6fAO70	rs7918775	3.31	3.17	-0.064	2	5.66	0.2175	7.947	0.238	7.172	7.799	7.912	8.102	8.567	
RPRM	3nbh5GvxlEAud_E1uE	rs11676810	3.31	3.17	-0.061	1.89	-23.48	0.2725	7.243	0.187	7.111	7.147	7.173	7.25	8.385	
RPRM	3nbh5GvxlEAud_E1uE	rs4294952	3.83	3.67	-0.073	1.89	-7.08	0.2764	7.243	0.187	7.111	7.147	7.173	7.25	8.385	
RPS23	fdXvu97FLk4BV7RM1U	rs17245874	4.96	4.74	0.102	4.29	-41.88	0.195	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs2195448	17.93	17.09	-0.339	7.71	-27.9	0.4875	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs1864183	17.48	16.66	0.33	7.76	-19.92	0.495	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs1864182	24.07	22.93	-0.43	6.87	-19.9	0.4271	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs749401	30.77	29.30	0.518	6.12	-7.77	0.2325	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs226201	33.59	31.99	-0.548	9.11	-2.39	0.3813	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs226206	60.48	57.57	-0.776	8.86	18.78	0.28	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs701405	4.74	4.53	-0.092	1.85	19.36	0.2325	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs226205	38.93	37.07	0.614	7.33	19.42	0.2312	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs2215128	11.48	10.95	-0.228	5.85	20.85	0.3875	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs862239	3.75	3.59	-0.071	1.74	21.34	0.185	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs12659061	3.35	3.21	-0.065	0.47	35.22	0.1475	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs658912	18.7	18.2	0.346	6.82	38.24	0.335	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS23	fdXvu97FLk4BV7RM1U	rs224804	30.86	29.39	0.509	9.29	43.82	0.3925	12.063	0.754	8.846	11.88	12.29	12.567	13.826	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs1309150	3.43	3.29	-0.06	2.07	-45.67	0.2236	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs1099652	3.31	3.17	-0.058	1.58	-45.25	0.1675	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs6902718	3.82	3.65	0.068	2.38	-42.86	0.2475	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs1099663	3.77	3.61	-0.068	1.92	-39.14	0.1925	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs6918384	34.69	33.04	0.536	6.5	-5.79	0.1975	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs9356529	39.94	38.03	0.582	7.1	-4.63	0.2725	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs9356531	37.92	36.10	-0.57	8.16	1.19	0.2825	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs4710128	32.7	31.14	-0.513	6.46	7.18	0.225	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs13204302	15.9	15.15	0.3	6.03	12	0.3274	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs7766409	16.39	15.62	0.307	5.78	14.07	0.31	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs9459785	16.55	15.78	-0.3	3.37	20.02	0.095	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes
RPS6KA2	coDlhRl003QXo7oIRQ	rs10455981	18.24	17.39	0.338	5.92	20.97	0.295	7.437	0.29	7.127	7.201	7.301	7.655	8.462	Yes

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10), GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
RRP7A	rSiCWWheniJUCi0K2C8	rs4822135	5.22	5.00	0.107	2.84	-31.97	0.4849	8.083	0.352	7.15	7.849	8.086	8.327	9.026	
RRP7A	Q35dRFdd1KFfej1ve4	rs4822135	3.74	3.58	0.074	2.44	-31.97	0.4849	9.563	0.419	8.1	9.333	9.626	9.795	11.172	
RRP7A	rSiCWWheniJUCi0K2C8	rs11703700	5.02	4.81	0.103	2.78	-31.03	0.4899	8.083	0.352	7.15	7.849	8.086	8.327	9.026	
RRP7A	Q35dRFdd1KFfej1ve4	rs11703700	3.94	3.77	0.079	2.68	-31.03	0.4899	9.563	0.419	8.1	9.333	9.626	9.795	11.172	
RRP7A	rSiCWWheniJUCi0K2C8	rs4822136	18.56	17.69	-0.349	5.45	-27.61	0.1475	9.563	0.419	8.1	9.333	9.626	9.795	11.172	
RRP7A	Q35dRFdd1KFfej1ve4	rs4822136	6.33	6.05	-0.127	3.31	-27.61	0.1475	8.083	0.352	7.15	7.849	8.086	8.327	9.026	
RSPH3	ZQSULSQkNKw47mLVdl	rs2273067	4.58	4.38	-0.089	1.67	37.6	0.085	7.879	0.179	7.121	7.773	7.875	7.984	8.697	
RSPH3	ZQSULSQkNKw47mLVdl	rs2073138	4.58	4.38	0.089	1.67	40.73	0.085	7.879	0.179	7.121	7.773	7.875	7.984	8.697	
RSPRY1	The5Oj7L_Seif5U_7Y	rs4293366	4.11	3.93	0.079	3.01	38.86	0.4575	10.509	0.318	9.861	10.305	10.451	10.686	11.52	
RSRC1	Zk1cec0LFCOEPV6VnQ	rs10936145	3.53	3.38	-0.066	0.63	-69.45	0.285	8.059	0.261	7.462	7.86	8.069	8.246	8.699	
RSRC1	Zk1cec0LFCOEPV6VnQ	rs17684859	4.07	3.89	0.077	0.9	-48.74	0.29	8.059	0.261	7.462	7.86	8.069	8.246	8.699	
RSRC1	Zk1cec0LFCOEPV6VnQ	rs2117764	3.95	3.78	-0.072	0.62	-25.72	0.3875	8.059	0.261	7.462	7.86	8.069	8.246	8.699	
RTN4	0eS_5Jloh5f1a_KAas	rs2588512	4.86	4.65	0.094	1.53	-7.24	0.165	7.499	0.253	7.109	7.281	7.477	7.652	8.293	
RTN4	lhxfUfUFS5_M.SLS0	rs2588512	4.12	3.94	0.079	2.73	-7.24	0.165	11.774	0.28	10.916	11.627	11.78	11.948	12.876	
RTN4IP1	964df114E6Fj6kySOK	rs13193036	4.27	4.08	-0.081	1.97	-49.31	0.2925	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs783390	3.51	3.37	-0.068	0.88	-43.56	0.3426	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs9320173	4.81	4.60	-0.093	3.12	-35.18	0.3075	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs7756087	7.52	7.18	0.147	3.22	19.58	0.3593	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs898896	3.93	3.76	0.073	0.7	-14.19	0.3375	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs2054365	8.5	8.12	-0.167	3.96	0.15	0.41	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs7750365	6.69	6.39	-0.137	2.68	11.94	0.447	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs3804345	3.64	3.49	-0.069	1.67	20.73	0.4898	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs3101493	7.43	7.09	0.152	2.91	38.04	0.404	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs3121447	3.79	3.62	-0.072	0.98	39.09	0.4646	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs3121445	7.03	6.72	-0.142	2.76	46.53	0.405	8.43	0.138	8.063	8.332	8.428	8.512	8.83	
RTN4IP1	964df114E6Fj6kySOK	rs3821812	3.4	3.26	0.066	0.49	-0.56	0.32	8.165	0.25	7.559	7.996	8.136	8.358	9.049	
RUNX2	uVOPWKAqHpUg1K8MTo	rs910586	5.1	4.87	-0.101	2.8	-108.51	0.31	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs2677099	5.38	5.14	-0.109	2.92	-98.9	0.3087	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs2790102	5.94	5.68	0.119	2.85	-86.61	0.3075	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs9472494	5.78	5.53	-0.115	3.02	-66.98	0.305	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs6904353	3.74	3.58	-0.072	2.31	-25.74	0.405	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs7748231	3.74	3.58	-0.072	2.31	-17.27	0.405	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs12209785	6.07	5.81	-0.12	2.8	-12.7	0.2425	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs1928533	4.67	4.47	-0.092	2.89	-8.99	0.385	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs10948238	4.97	4.76	-0.098	2.96	-7.28	0.3725	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs13201287	7.93	7.57	0.159	4.21	-6.87	0.235	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs2772395	7.1	6.79	0.145	3.81	2.63	0.3875	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs13191376	8.24	7.87	-0.168	3.28	3.32	0.3241	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs485817	9.54	9.11	-0.194	4.65	4.59	0.465	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs2153277	9.23	8.81	-0.186	3.97	7.87	0.235	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs1200426	9.23	8.81	-0.186	3.97	8.12	0.235	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RUNX2	uVOPWKAqHpUg1K8MTo	rs1200425	5.68	5.43	0.117	2.59	8.31	0.3925	8.7	0.375	7.68	8.455	8.724	8.969	9.572	Yes
RYBP	Z90NV57rKB1LrgafmY	rs6797249	7.9	7.55	0.158	2.2	33.69	0.1432	10.18	0.44	8.385	9.922	10.229	10.464	11.307	
RYBP	Z90NV57rKB1LrgafmY	rs12493016	8.31	7.93	0.164	2.9	-14.31	0.1275	10.18	0.44	8.385	9.922	10.229	10.464	11.307	
RYBP	Z90NV57rKB1LrgafmY	rs2028240	7.27	6.94	-0.145	1.75	-5.02	0.42	10.18	0.44	8.385	9.922	10.229	10.464	11.307	
S100A13	oSbQYvQlrxnUkyIU3k	rs913859	5.24	5.01	-0.103	0.87	19.97	0.1175	7.347	0.203	7.11	7.191	7.3	7.457	8.239	
SAMD10	iFGqIV01eVe7p5kLPc	rs6011248	3.37	3.23	-0.063	4.28	15.16	0.1725	7.664	0.327	7.171	7.389	7.626	7.855	8.748	
SAMD10	iFGqIV01eVe7p5kLPc	rs2427590	3.37	3.23	-0.063	4.28	31.07	0.1725	7.664	0.327	7.171	7.389	7.626	7.855	8.748	
SAMD3	cWE4cL6CnR7FUkVJI	rs7749850	5.21	4.99	-0.103	2.98	2.25	0.45	8.658	0.313	7.616	8.439	8.681	8.859	9.542	
SAMD3	cWE4cL6CnR7FUkVJI	rs12194317	3.31	3.17	-0.061	0.42	7.25	0.105	8.658	0.313	7.616	8.439	8.681	8.859	9.542	
SAMM50	ouOm1L_jeowr17JYRU	rs139051	3.47	3.33	-0.064	0.88	-26.62	0.35	10.217	0.337	9.514	9.992	10.232	10.422	11.263	
SAMM50	ouOm1L_jeowr17JYRU	rs2073082	3.97	3.80	-0.076	0.9	8.71	0.196	10.217	0.337	9.514	9.992	10.232	10.422	11.263	
SAMM50	ouOm1L_jeowr17JYRU	rs6006467	4.66	4.46	-0.089	1.96	-10.16	0.1425	10.217	0.337	9.514	9.992	10.232	10.422	11.263	
SAMM50	ouOm1L_jeowr17JYRU	rs2294928	3.93	3.76	0.076	2.05	-9.56	0.1775	10.217	0.337	9.514	9.992	10.232	10.422	11.263	
SAPS2	QT.omNouWVmWL3a3Yk	rs756014	4.76	4.55	-0.098	1.77	0.45	0.3719	7.187	0.065	7.108	7.142	7.169	7.217	7.512	Yes
SARS2	oUuoJKG3qf3r3KhKII	rs10410544	5.41	5.17	0.107	1.51	-20.37	0.48	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs4802998	7.03	6.72	0.141	2.25	-18.19	0.4225	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs2099339	4.93	4.72	-0.097	1.44	4.21	0.4372	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs8108375	3.78	3.62	0.075	1.32	3.63	0.1574	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs10416055	11.75	11.21	0.233	2.28	13.95	0.3875	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs12151188	7.37	7.04	0.147	0.46	34	0.3425	9.557	0.285	8.287	9.361	9.527	9.722	10.226	
SARS2	oUuoJKG3qf3r3KhKII	rs934421	3.86	3.70	0.073	0.21	37.83	0.405	9.557	0.285	8.287	9.361	9.527	9.722	10.226	

Symbol	Lumi nuID	SNP	Population-based association p-value (-log10)	Population-based association p-value (-log10), GC adj.	% Variance Explained	Family-based association p-value (-log10)	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)						SNP mapping under probe	
									Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SBK1	ZSJVV07fllFXU7v7A	rs4255791	5.46	5.22	-0.111	1.72	-29.04	0.3475	10.654	0.282	9.373	10.488	10.651	10.8	11.348	
SCAND2	9dWh9CiPSAG1LkrqA4	rs11635597	3.68	3.52	0.071	2.22	-9.01	0.33	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	9dWh9CiPSAG1LkrqA4	rs11858419	4.63	4.43	-0.089	3.65	-6.53	0.1925	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	EgUstSrp0QIUf4p350	rs3825877	4.75	4.55	0.096	1.45	-0.08	0.4825	7.95	0.227	7.15	7.802	7.928	8.095	8.759	Yes
SCAND2	9dWh9CiPSAG1LkrqA4	rs3825877	4.44	4.25	0.089	3.74	-0.08	0.4825	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	EgUstSrp0QIUf4p350	rs2292463	4.75	4.55	-0.096	1.48	1.04	0.4825	7.95	0.227	7.15	7.802	7.928	8.095	8.759	Yes
SCAND2	9dWh9CiPSAG1LkrqA4	rs2292463	4.44	4.25	-0.089	3.8	1.04	0.4825	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	9dWh9CiPSAG1LkrqA4	rs2271431	3.68	3.52	-0.071	1.79	4.94	0.33	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	EgUstSrp0QIUf4p350	rs1107179	4.52	4.33	-0.091	1.34	14.38	0.4849	7.95	0.227	7.15	7.802	7.928	8.095	8.759	Yes
SCAND2	9dWh9CiPSAG1LkrqA4	rs1107179	4.3	4.12	-0.086	3.34	13.84	0.4849	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAND2	EgUstSrp0QIUf4p350	rs2292462	5.28	5.05	-0.107	2.01	16.77	0.4875	7.95	0.227	7.15	7.802	7.928	8.095	8.759	Yes
SCAND2	9dWh9CiPSAG1LkrqA4	rs2292462	4.3	4.12	-0.086	3.66	16.23	0.4875	7.433	0.242	7.114	7.272	7.38	7.527	8.794	
SCAPER	BUIc34npwSP10kpeol	rs7171795	3.54	3.39	0.065	1.28	-31.36	0.2875	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs3866543	5.19	4.96	0.097	1.07	-10.93	0.455	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs11634019	8.97	8.56	-0.171	4.01	-5.86	0.3668	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs1568083	5.44	5.20	0.103	1.84	30.38	0.19	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs3765115	10.06	9.61	-0.192	4.19	33.18	0.3975	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs744336	7.13	6.81	0.135	2.72	34.09	0.4775	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs4886493	9.66	9.22	0.183	3.97	38.49	0.39	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs12907805	5.62	5.37	0.106	1.27	50.07	0.4425	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs1607017	9.66	9.22	0.183	4.29	85.93	0.385	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs157783	5.07	4.85	0.096	1.23	124.7	0.4025	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs1587381	3.46	3.31	0.063	0.69	129.08	0.4825	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs2469249	7.29	6.97	0.138	2.37	131.53	0.305	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs1603856	5.32	5.09	-0.101	0.65	170.85	0.1825	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs2461870	7.94	7.58	-0.152	4.32	173.38	0.42	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs12441433	6.56	6.27	0.125	2.95	175.48	0.495	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs920712	9.04	8.63	-0.175	3.69	-142.22	0.3869	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs11855534	6.42	6.13	0.123	1.72	-24.63	0.475	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs11072632	4.93	4.72	0.095	1.56	-13.11	0.202	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs12595586	4.74	4.54	-0.089	1.82	-3.98	0.4225	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs3812908	8.74	8.34	-0.171	2.45	-0.03	0.3934	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCAPER	BUIc34npwSP10kpeol	rs11637296	9.21	8.79	-0.177	3.42	31.69	0.375	8.124	0.17	7.762	8.002	8.124	8.23	8.679	
SCARA5	xKBJBHxp4QcJQzpXK0	rs1870587	5.22	4.99	-0.097	2.02	-12.62	0.103	7.204	0.09	7.112	7.144	7.17	7.233	7.651	
SCARA5	xKBJBHxp4QcJQzpXK0	rs4537259	5.12	4.89	-0.095	1.85	-9.44	0.1025	7.204	0.09	7.112	7.144	7.17	7.233	7.651	
SCARA5	xKBJBHxp4QcJQzpXK0	rs898464	3.89	3.73	-0.072	1.73	2.08	0.055	7.204	0.09	7.112	7.144	7.17	7.233	7.651	
SCGB3A1	fNVuBRdMip1SC7unic	rs2453176	95.61	90.98	0.896	7.41	-41.31	0.0875	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs11957360	4.85	4.64	0.097	3.37	-6.47	0.4875	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs368686	10.76	10.27	0.216	5.49	-0.46	0.31	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs307823	3.62	3.47	0.069	4.4	33.62	0.22	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs10085025	15.69	14.96	-0.297	5.52	42.3	0.0854	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs12654563	16.4	15.63	-0.307	5.89	45.26	0.0875	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs4700745	3.98	3.81	-0.076	1.63	46.97	0.41	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCGB3A1	fNVuBRdMip1SC7unic	rs307806	8.68	8.29	-0.176	3.32	49.19	0.1276	7.506	0.853	7.096	7.113	7.125	7.165	10.415	
SCN2A2	9QdSIAWM4ZfUbdRXY	rs1541901	3.5	3.35	-0.068	0.67	48.86	0.2592	7.149	0.03	7.102	7.13	7.145	7.163	7.307	
SCYL1BP1	N3KrO.Rfj.pWf0u9Y	rs16863369	3.48	3.33	-0.064	1.25	-48.82	0.1308	8.569	0.3	7.263	8.439	8.598	8.779	9.104	
SCYL1BP1	N3KrO.Rfj.pWf0u9Y	rs7515690	4.65	4.45	-0.085	0.26	-33.2	0.155	8.569	0.3	7.263	8.439	8.598	8.779	9.104	
SCYL1BP1	N3KrO.Rfj.pWf0u9Y	rs6676293	4.48	4.29	0.082	0.34	6.33	0.1508	8.569	0.3	7.263	8.439	8.598	8.779	9.104	
SEC61A2	6qRYnC3u5JPLFZ5fAE	rs2399786	3.33	3.19	-0.064	1.48	8.35	0.48	7.39	0.169	7.135	7.27	7.371	7.417	8.53	
SELT	oIJK_nDnOqv.FEvlPs	rs9840992	3.62	3.47	0.07	2.2	-32.76	0.3525	9.16	0.318	8.12	8.972	9.197	9.383	9.817	
SELT	oIJK_nDnOqv.FEvlPs	rs9863120	3.48	3.34	0.067	1.7	-28.3	0.3401	9.16	0.318	8.12	8.972	9.197	9.383	9.817	
SELT	oIJK_nDnOqv.FEvlPs	rs10935809	3.91	3.75	0.077	1.66	-24.25	0.19	9.16	0.318	8.12	8.972	9.197	9.383	9.817	
SELT	oIJK_nDnOqv.FEvlPs	rs10935810	3.91	3.75	0.077	1.51	-15.37	0.19	9.16	0.318	8.12	8.972	9.197	9.383	9.817	
SELT	oIJK_nDnOqv.FEvlPs	rs1568585	3.81	3.65	-0.075	2.85	10.95	0.2775	9.16	0.318	8.12	8.972	9.197	9.383	9.817	
SEMA3A	xBKKFRg.iKkVKL4nk	rs701307	3.48	3.33	-0.063	1.25	-29.18	0.165	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs3801615	3.51	3.36	0.066	1.69	-103.14	0.4769	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs7804363	3.5	3.35	-0.064	2.66	-101.22	0.475	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs3823911	3.39	3.25	-0.062	2.66	-91.64	0.48	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs917090	3.39	3.25	-0.062	2.92	-89.89	0.48	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs464	5.07	4.85	-0.096	1.5	-37.45	0.2663	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs13224698	16.25	15.49	0.305	1.82	-14.8	0.05	7.128	0.024	7.1	7.113	7.122	7.133	7.272	
SEMA3A	xBKKFRg.iKkVKL4nk	rs11976275	16.01	15.27	0.307	2.87	11.52	0.051	7.128	0.024	7.1	7.113	7.122	7.133	7.272	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SEN2	oqde_X91oLeEcSb6Rl	rs13072061	4.59	4.39	0.091	0.86	21.99	0.2825	8.267	0.18	7.782	8.161	8.277	8.381	8.794	
SEN2	oqde_X91oLeEcSb6Rl	rs6784948	4.59	4.39	0.091	0.86	-6.1	0.2825	8.267	0.18	7.782	8.161	8.277	8.381	8.794	
SEN2	oqde_X91oLeEcSb6Rl	rs7638853	4.59	4.39	-0.091	1.06	1.82	0.28	8.267	0.18	7.782	8.161	8.277	8.381	8.794	
SERAC1	NTFTiS0vVF3n9UJeaW	rs13340445	3.56	3.41	0.065	0.52	-26.29	0.2175	7.496	0.139	7.211	7.4	7.486	7.566	8.386	
SERAC1	NTFTiS0vVF3n9UJeaW	rs11756587	7.55	7.21	0.148	1.59	-16.29	0.135	7.496	0.139	7.211	7.4	7.486	7.566	8.386	
SERAC1	NTFTiS0vVF3n9UJeaW	rs1124275	3.31	3.17	-0.06	1.37	32.86	0.14	7.496	0.139	7.211	7.4	7.486	7.566	8.386	
SERAC1	NTFTiS0vVF3n9UJeaW	rs644637	3.53	3.38	0.065	1.39	35.55	0.3675	7.496	0.139	7.211	7.4	7.486	7.566	8.386	
SERPINB1	QZcruSjd.BLJ.Cnje3o	rs316338	4.96	4.75	-0.092	3.17	4.11	0.3275	10.906	0.367	9.623	10.644	10.872	11.083	12.137	
SERPINB1	QZcruSjd.BLJ.Cnje3o	rs316339	5.74	5.48	-0.106	4.53	-4.04	0.285	10.906	0.367	9.623	10.644	10.872	11.083	12.137	
SERPINB6	KFQul81uS66S9IDAqU	rs318491	6.13	5.86	-0.118	2.33	-49.8	0.41	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs318497	6.18	5.90	0.121	1.82	-36.12	0.4422	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs7759176	13.9	13.25	-0.267	3.75	-32.73	0.2875	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs318449	7.25	6.93	-0.14	1.88	-15.94	0.3525	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs318453	7.17	6.85	0.139	1.63	-11.19	0.3543	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs11242810	18.12	17.27	0.335	4.16	-11.05	0.2575	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB6	KFQul81uS66S9IDAqU	rs318427	3.43	3.28	0.063	1.01	-3.06	0.19	10.822	0.494	9.425	10.516	10.877	11.144	11.8	
SERPINB9	uSEB7.USS_BT1E9UUK	rs405616	3.81	3.65	-0.069	1.29	-44.17	0.46	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs9503317	4.4	4.21	0.078	1.45	-39.93	0.1925	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs412303	7.46	7.13	-0.139	3.2	-33.14	0.3744	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs380779	8.54	8.16	-0.164	3.74	-23.21	0.3325	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs6932052	11.36	10.84	0.21	4.88	-18.47	0.3425	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs12530071	11.86	11.31	0.224	3.5	-1.44	0.2125	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs318477	11.23	10.72	0.217	5.09	0.15	0.4742	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINB9	uSEB7.USS_BT1E9UUK	rs1052886	6.55	6.26	-0.123	1.65	2.69	0.2	7.887	0.289	7.143	7.713	7.902	8.069	8.86	
SERPINC1	I56W9nAVQ5rh.QpQSk	rs6703547	3.76	3.60	0.067	1.61	21.34	0.1075	7.131	0.023	7.1	7.117	7.126	7.137	7.288	
SERPINE2	Qt_chCvnuS717Rx60	rs13396978	5.26	5.03	-0.106	1.91	20.34	0.2175	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs3795877	6.93	6.62	0.143	1.99	26.3	0.2125	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs2037755	6.9	6.59	-0.144	4.47	-20.69	0.455	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs13008520	3.65	3.49	-0.069	2.61	-14.61	0.1375	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs10194024	13.45	12.83	0.268	4.57	-13.15	0.4275	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs920251	23.35	22.25	-0.424	5.71	-11.05	0.3275	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs6719480	14.11	13.45	0.275	2.46	-10.56	0.1975	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs1438831	20.7	19.72	0.386	5.4	2.32	0.315	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs282254	14.01	13.36	-0.277	4.81	3.35	0.4275	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs282258	7.97	7.61	0.157	3.17	10.81	0.4015	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs4674860	9.72	9.27	0.195	3.91	17.82	0.4375	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs4673085	4.03	3.86	-0.078	2.58	21.42	0.1475	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs2196661	18.73	17.85	-0.352	4.84	21.85	0.3425	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SERPINE2	Qt_chCvnuS717Rx60	rs12694628	17.94	17.10	0.338	3.7	25.67	0.3325	9.307	0.562	7.732	8.923	9.304	9.671	10.723	
SESN1	ZXhHoqSe37k8fu9UkU	rs2273669	7.99	7.63	0.157	3.32	-22.46	0.1225	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESN1	ZXhHoqSe37k8fu9UkU	rs10872027	7.99	7.63	-0.157	3.32	-18.11	0.1225	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESN1	ZXhHoqSe37k8fu9UkU	rs1887414	7.99	7.63	-0.157	3.32	-14.91	0.1225	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESN1	ZXhHoqSe37k8fu9UkU	rs2273668	8.71	8.32	0.17	3.99	15.87	0.11	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESN1	ZXhHoqSe37k8fu9UkU	rs12197912	8.85	8.45	0.178	3.17	30.5	0.1108	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESN1	ZXhHoqSe37k8fu9UkU	rs12208578	9.12	8.71	-0.179	4.02	-45.53	0.1125	9.976	0.469	8.38	9.657	9.955	10.245	11.37	
SESTD1	xXgjh_38qjp40lKTE	rs340348	4.5	4.30	0.094	1.36	-40.75	0.25	7.128	0.017	7.1	7.116	7.124	7.137	7.195	
SETD4	ZlloRe5HZ1sXoXng0w	rs2835223	3.61	3.46	-0.07	0.6	-46.17	0.3266	7.759	0.165	7.368	7.634	7.748	7.882	8.175	
SETD4	ZlloRe5HZ1sXoXng0w	rs2835261	4.17	3.99	0.082	0.93	11.92	0.2925	7.759	0.165	7.368	7.634	7.748	7.882	8.175	
SETD4	ZlloRe5HZ1sXoXng0w	rs9024	7.05	6.74	0.145	2.83	-6.37	0.1301	7.759	0.165	7.368	7.634	7.748	7.882	8.175	
SETD4	ZlloRe5HZ1sXoXng0w	rs2835272	6.81	6.51	0.138	2.76	1.23	0.1275	7.759	0.165	7.368	7.634	7.748	7.882	8.175	
SETD4	ZlloRe5HZ1sXoXng0w	rs735142	6.35	6.07	0.127	1.93	8.48	0.155	7.759	0.165	7.368	7.634	7.748	7.882	8.175	
SF1	ZrkvOfKLCBLVS1JJRU	rs477549	7.41	7.08	-0.147	2.24	-16.43	0.135	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF1	ZrkvOfKLCBLVS1JJRU	rs523200	8.39	8.01	0.165	2.14	-10.93	0.1375	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF1	HmgiiWegUIRDoEghLg	rs523200	3.72	3.56	0.069	0.71	-10.93	0.1375	7.593	0.31	7.119	7.358	7.546	7.781	8.499	Yes
SF1	ZrkvOfKLCBLVS1JJRU	rs474707	7.76	7.41	0.153	2.25	0.63	0.1325	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF1	ZrkvOfKLCBLVS1JJRU	rs606458	8.39	8.01	-0.165	2.14	0.15	0.1375	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF1	HmgiiWegUIRDoEghLg	rs606458	3.72	3.56	-0.069	0.71	0.15	0.1375	7.593	0.31	7.119	7.358	7.546	7.781	8.499	Yes
SF1	ZrkvOfKLCBLVS1JJRU	rs669976	6.54	6.26	-0.13	2.04	27.35	0.1294	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF1	HmgiiWegUIRDoEghLg	rs669976	3.35	3.21	-0.062	0.79	27.35	0.1294	7.593	0.31	7.119	7.358	7.546	7.781	8.499	Yes
SF1	ZrkvOfKLCBLVS1JJRU	rs524386	5.28	5.05	-0.104	2.69	38.72	0.135	8.696	0.696	7.302	8.215	8.62	9.114	10.709	
SF3A1	6LnXvkoeeoASuu6h8l	rs2108093	11.19	10.68	-0.217	4.69	-48.59	0.16	9.476	0.276	8.622	9.295	9.473	9.651	10.147	Yes
SF3A1	6LnXvkoeeoASuu6h8l	rs4339043	11.19	10.68	-0.217	4.69	7.93	0.16	9.476	0.276	8.622	9.295	9.473	9.651	10.147	Yes

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SF3A1	6LnXvkoeeoASuu6h8l	rs737950	11.19	10.68	-0.217	4.69	4.38	0.16	9.476	0.276	8.622	9.295	9.473	9.651	10.147	Yes
SF3A1	6LnXvkoeeoASuu6h8l	rs715504	7.43	7.09	0.146	2.12	39.2	0.115	9.476	0.276	8.622	9.295	9.473	9.651	10.147	Yes
SF3A1	6LnXvkoeeoASuu6h8l	rs4820844	5.04	4.82	-0.1	2.2	42.3	0.2575	9.476	0.276	8.622	9.295	9.473	9.651	10.147	Yes
SFXN4	EioGvouqNpeYcJHuA0	rs2297696	7.02	6.71	-0.144	4.05	-8.74	0.415	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SFXN4	EioGvouqNpeYcJHuA0	rs2275111	14.25	13.59	-0.286	4.62	-7.76	0.4375	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SFXN4	EioGvouqNpeYcJHuA0	rs10886406	10.01	9.55	-0.199	3.04	-2.9	0.2275	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SFXN4	EioGvouqNpeYcJHuA0	rs1108472	3.84	3.68	0.074	1.97	29.15	0.4	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SFXN4	EioGvouqNpeYcJHuA0	rs11198819	10.59	10.11	0.211	2.88	35.5	0.265	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SFXN4	EioGvouqNpeYcJHuA0	rs7923896	3.36	3.22	-0.063	1.68	40.79	0.4	9.109	0.268	8.468	8.954	9.104	9.265	9.89	
SGCG	iupER4u_L5bui8Ozhk	rs7995077	3.51	3.36	-0.068	1.79	-71.49	0.475	7.136	0.02	7.102	7.123	7.132	7.143	7.248	
SGIP1	fHdl6VXEkt674L9.gy	rs474409	4.66	4.46	-0.092	3.27	48.52	0.1625	7.106	0.008	7.093	7.101	7.106	7.11	7.142	
SH2D3C	9aZziC9kCtdHle1RCc	rs514024	3.45	3.31	-0.065	1.36	3.04	0.42	8.605	0.465	7.13	8.254	8.575	8.84	10	
SH2D4A	fFJJSSipOoSvVRCXw	rs3802329	3.93	3.76	-0.074	2.35	13.41	0.39	7.203	0.055	7.113	7.161	7.189	7.238	7.368	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs732857	9.5	9.07	0.188	1.44	8.8	0.4325	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs713835	7.66	7.31	-0.154	1.81	12.61	0.34	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs4820294	7.25	6.93	0.152	1.45	19	0.3359	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs929039	7.17	6.85	0.146	1.53	19.47	0.3442	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs2899292	3.8	3.64	-0.074	0.06	25.67	0.3275	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3BP1	0ECqTqXUI.IRC5dLIQ	rs12627973	4.48	4.28	-0.089	0.54	44.65	0.2375	9.269	0.474	8.299	8.949	9.195	9.481	11.044	
SH3YL1	6qnE.vT9SSyTAFGuE4	rs2290911	6.64	6.34	-0.136	3.52	6.76	0.34	9.668	0.877	7.568	9.068	9.567	10.287	11.716	
SH3YL1	6qnE.vT9SSyTAFGuE4	rs3791221	6.64	6.34	-0.136	3.52	8.78	0.34	9.668	0.877	7.568	9.068	9.567	10.287	11.716	
SH3YL1	6qnE.vT9SSyTAFGuE4	rs4455191	3.48	3.34	-0.069	1.83	-7.88	0.3618	9.668	0.877	7.568	9.068	9.567	10.287	11.716	
SH3YL1	6qnE.vT9SSyTAFGuE4	rs6742672	4.03	3.86	-0.079	2.04	37.63	0.3925	9.668	0.877	7.568	9.068	9.567	10.287	11.716	
SHD	uf_LXalSDbNUCV1Tpc	rs4807567	4.36	4.17	-0.082	0.95	-1.16	0.4648	7.273	0.185	7.114	7.142	7.213	7.326	8.21	
SHISA2	ZVEe9_P13d.SiOEPhs	rs9319269	3.44	3.29	-0.063	1.97	-43.2	0.33	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHISA2	ZVEe9_P13d.SiOEPhs	rs800838	4.38	4.19	-0.082	2.33	-25.84	0.335	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHISA2	ZVEe9_P13d.SiOEPhs	rs1048789	4.62	4.42	-0.088	1.69	-24.04	0.4175	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHISA2	ZVEe9_P13d.SiOEPhs	rs9551232	4.11	3.93	-0.081	2.69	-17.8	0.445	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHISA2	ZVEe9_P13d.SiOEPhs	rs17416101	3.96	3.80	-0.076	3.02	-16.52	0.4675	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHISA2	ZVEe9_P13d.SiOEPhs	rs1055252	3.55	3.40	-0.067	2.63	0.19	0.1975	7.319	0.16	7.112	7.193	7.272	7.428	7.864	
SHMT1	BUp.XnUXIMFB1dWw0o	rs7207123	9.16	8.75	-0.183	1.83	-22.64	0.3575	9.078	0.346	7.973	8.853	9.066	9.288	9.916	
SHMT1	BUp.XnUXIMFB1dWw0o	rs8080966	7.15	6.83	0.148	1.93	-10.51	0.3351	9.078	0.346	7.973	8.853	9.066	9.288	9.916	
SHMT1	BUp.XnUXIMFB1dWw0o	rs1563632	9.38	8.95	-0.19	2.65	-10.42	0.335	9.078	0.346	7.973	8.853	9.066	9.288	9.916	
SHMT1	BUp.XnUXIMFB1dWw0o	rs921986	9.16	8.75	0.183	1.82	-4.11	0.3575	9.078	0.346	7.973	8.853	9.066	9.288	9.916	
SHMT1	BUp.XnUXIMFB1dWw0o	rs12952556	7.52	7.18	-0.151	1.57	0.61	0.3425	9.078	0.346	7.973	8.853	9.066	9.288	9.916	
SIDT1	ipJ3u3iC9xPhSIV__U	rs3928555	6.68	6.38	-0.129	1.09	-43.27	0.355	8.678	0.287	7.655	8.486	8.662	8.868	9.34	
SIDT1	ipJ3u3iC9xPhSIV__U	rs2399488	3.55	3.40	-0.066	0.92	19.91	0.36	8.678	0.287	7.655	8.486	8.662	8.868	9.34	
SIDT1	ipJ3u3iC9xPhSIV__U	rs1513287	3.7	3.55	0.068	0.98	20.71	0.365	8.678	0.287	7.655	8.486	8.662	8.868	9.34	
SIDT1	ipJ3u3iC9xPhSIV__U	rs7611694	3.64	3.48	0.067	0.34	24.13	0.4	8.678	0.287	7.655	8.486	8.662	8.868	9.34	
SIRPB2	BQnr164EzeFAqOO610	rs1535883	5.01	4.80	0.101	1.67	3.02	0.3675	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs2318044	4.24	4.06	-0.084	0.59	4.49	0.42	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs17770331	5.52	5.27	-0.111	2.56	5.51	0.24	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs6043583	5.82	5.57	-0.115	1.74	0.77	0.3216	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs4814413	6.02	5.75	-0.122	2.4	3.9	0.2437	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs6110838	6.23	5.96	0.127	1.74	7.1	0.4625	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRPB2	BQnr164EzeFAqOO610	rs6135736	3.36	3.22	-0.066	1.88	49.05	0.2113	8.938	0.504	7.113	8.687	9.003	9.255	10.069	
SIRT6	QV5RFUI3h_e77UiuKc	rs2240702	4.02	3.85	0.08	1.25	-14.23	0.1036	7.292	0.162	7.125	7.18	7.246	7.337	8.166	
SIRT6	QV5RFUI3h_e77UiuKc	rs350852	3.54	3.39	0.067	1.32	-4.11	0.0975	7.292	0.162	7.125	7.18	7.246	7.337	8.166	
SIRT6	QV5RFUI3h_e77UiuKc	rs350844	3.31	3.17	-0.062	1.05	2.94	0.0975	7.292	0.162	7.125	7.18	7.246	7.337	8.166	
SIRT6	QV5RFUI3h_e77UiuKc	rs4807546	3.31	3.17	-0.062	1.14	-0.54	0.0975	7.292	0.162	7.125	7.18	7.246	7.337	8.166	
SIRT6	QV5RFUI3h_e77UiuKc	rs3760905	3.75	3.59	0.072	1.72	0.34	0.1162	7.292	0.162	7.125	7.18	7.246	7.337	8.166	
SIVA	ZN6rJIT5e9dObmJbo4	rs4983382	5.05	4.83	-0.1	0.38	-30	0.2374	10.966	0.347	8.859	10.755	10.992	11.184	11.883	
SIVA	ZN6rJIT5e9dObmJbo4	rs2498804	3.92	3.76	0.077	0.8	7.1	0.3096	10.966	0.347	8.859	10.755	10.992	11.184	11.883	
SIX5	0lftdPNaVIUCPV01eo	rs10415988	7	6.68	0.131	3.1	-21.34	0.47	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SIX5	0lftdPNaVIUCPV01eo	rs725660	4.41	4.22	0.082	2.67	-5.76	0.351	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SIX5	0lftdPNaVIUCPV01eo	rs8109951	4.49	4.29	-0.083	3.01	17.19	0.3525	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SIX5	0lftdPNaVIUCPV01eo	rs1865116	6.73	6.43	-0.125	2.93	22.2	0.4698	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SIX5	0lftdPNaVIUCPV01eo	rs1548029	4.52	4.33	-0.084	2.49	36.89	0.3467	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SIX5	0lftdPNaVIUCPV01eo	rs4514788	3.45	3.31	-0.062	0.52	45.28	0.304	7.354	0.137	7.139	7.26	7.326	7.421	7.814	
SLC10A7	BcYgR.3u.VU5bXtE10	rs13149037	6.47	6.18	-0.128	3.31	-2.31	0.4648	8.283	0.205	7.719	8.143	8.305	8.418	9.279	
SLC10A7	BcYgR.3u.VU5bXtE10	rs1057560	6.53	6.24	-0.129	3.53	1.16	0.4675	8.283	0.205	7.719	8.143	8.305	8.418	9.279	
SLC10A7	BcYgR.3u.VU5bXtE10	rs11930848	3.85	3.69	0.071	2.66	1.29	0.2375	8.283	0.205	7.719	8.143	8.305	8.418	9.279	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SLC11A1	xqF579cmSU7jxXerdl	rs1059823	4.27	4.09	0.08	1.94	-0.19	0.3693	8.839	1.028	7.168	7.982	8.751	9.57	12.2	
SLC11A1	xqF579cmSU7jxXerdl	rs2279014	4.35	4.16	0.081	2.17	1.14	0.335	8.839	1.028	7.168	7.982	8.751	9.57	12.2	
SLC11A1	xqF579cmSU7jxXerdl	rs2227255	3.35	3.21	-0.061	2.45	7.74	0.385	8.839	1.028	7.168	7.982	8.751	9.57	12.2	
SLC12A7	i6cJOLwkkAZ11O3o6o	rs4975684	3.63	3.47	0.067	2.32	28.14	0.4525	7.947	0.263	7.337	7.779	7.903	8.109	8.787	
SLC12A7	i6cJOLwkkAZ11O3o6o	rs4975593	10.71	10.22	0.209	7.02	-14.83	0.4697	7.947	0.263	7.337	7.779	7.903	8.109	8.787	
SLC12A7	i6cJOLwkkAZ11O3o6o	rs6894574	10.58	10.10	0.208	7.15	-8.61	0.3025	7.947	0.263	7.337	7.779	7.903	8.109	8.787	
SLC12A7	i6cJOLwkkAZ11O3o6o	rs4975643	4.1	3.93	0.077	4.14	-4.32	0.2775	7.947	0.263	7.337	7.779	7.903	8.109	8.787	
SLC12A7	i6cJOLwkkAZ11O3o6o	rs4580814	9.82	9.38	-0.199	6.74	1.14	0.365	7.947	0.263	7.337	7.779	7.903	8.109	8.787	
SLC13A4	cpAgBRyhRSIREFUhUY	rs3110817	3.43	3.29	0.068	0.65	-1.78	0.4075	7.262	0.109	7.11	7.197	7.246	7.304	8.009	
SLC13A4	cpAgBRyhRSIREFUhUY	rs4430037	3.82	3.66	0.076	1.95	15.86	0.4675	7.262	0.109	7.11	7.197	7.246	7.304	8.009	
SLC16A9	6onUL7focRRHSH3oA	rs12354667	4.48	4.28	-0.09	0.76	-9.14	0.43	7.121	0.016	7.1	7.111	7.117	7.128	7.196	
SLC16A9	6onUL7focRRHSH3oA	rs1177697	4.73	4.52	0.095	1.75	28.19	0.4725	7.121	0.016	7.1	7.111	7.117	7.128	7.196	
SLC16A9	6onUL7focRRHSH3oA	rs746228	5.55	5.31	-0.113	1.42	34.65	0.4775	7.121	0.016	7.1	7.111	7.117	7.128	7.196	
SLC17A3	rqJNCKP9iJF7T7FR4	rs1165196	3.68	3.52	-0.07	0.8	-32.18	0.43	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs9393672	4.46	4.27	-0.087	0.81	-2.72	0.4625	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs942379	5.34	5.11	0.105	1.45	4.29	0.4372	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs1165164	3.45	3.31	-0.067	0.4	18.15	0.225	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs1165206	4.83	4.62	-0.097	1.22	-14.95	0.445	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs13198474	4.74	4.53	-0.094	0.5	-8.09	0.085	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs670011	4.77	4.56	0.097	2.31	5.45	0.4848	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs9467632	3.56	3.41	0.068	0.8	7.19	0.1075	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs7748167	3.71	3.56	0.075	1.32	22.14	0.1175	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs7749342	4.62	4.42	-0.095	3.38	37.75	0.49	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs3734523	4.46	4.27	-0.088	1.23	43.47	0.105	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs199741	4.73	4.52	0.095	3.41	49.06	0.25	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC17A3	rqJNCKP9iJF7T7FR4	rs6940007	4.45	4.25	0.088	1.23	49.44	0.1055	7.172	0.053	7.1	7.131	7.16	7.196	7.345	
SLC22A5	reuQpFJXJdyR93C5Q	rs272893	7.61	7.27	0.159	5.52	-42.38	0.3925	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs272887	5.68	5.43	-0.119	3.66	-39.73	0.3225	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs1050152	13.05	12.45	-0.259	6.71	-29.12	0.4	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs273901	5.54	5.30	-0.116	3.78	-11.08	0.325	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs2073643	10.59	10.10	0.215	5.7	-8.02	0.4675	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs11242110	6.55	6.26	-0.138	4.23	12.47	0.4525	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs1016988	3.31	3.18	-0.063	3.75	13.27	0.225	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs10071051	3.34	3.20	-0.062	1.01	21.31	0.2525	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs886285	3.33	3.19	0.062	3.65	33.9	0.365	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC22A5	reuQpFJXJdyR93C5Q	rs2188962	13.23	12.62	-0.261	6.85	39.5	0.39	7.822	0.226	7.304	7.668	7.813	7.929	8.895	
SLC23A3	ldU7kK16BxKjCEq1OU	rs2293081	4.11	3.94	0.077	1.23	-15.1	0.1525	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs13029742	3.95	3.79	-0.075	2.84	0.4	0.3225	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs17655123	5.74	5.49	-0.111	1.82	2.73	0.145	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs1127102	4.41	4.22	-0.086	3.58	2.95	0.4573	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs1043160	4.12	3.94	-0.079	3.21	3.04	0.44	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs3731900	4.44	4.25	0.087	2.9	12.26	0.4425	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs2385394	4.32	4.14	-0.085	2.87	14.57	0.44	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC23A3	ldU7kK16BxKjCEq1OU	rs13419988	4.02	3.85	0.078	2.73	22.24	0.4225	7.633	0.238	7.141	7.479	7.61	7.769	9.001	
SLC25A26	6tAruqKfuJ97i_7uk	rs707010	7.48	7.15	0.15	3.39	41.33	0.3731	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs782721	6.08	5.82	0.123	3.91	44.98	0.4146	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs782750	4.44	4.25	-0.089	1.75	55.44	0.3265	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs782743	10.13	9.67	0.201	3.49	60.94	0.3275	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs4443106	4.81	4.60	-0.093	2.34	-59.77	0.46	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs9875000	4.83	4.62	0.095	2.53	-53.7	0.32	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs11717286	3.51	3.36	0.066	2.36	-51.77	0.1425	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs10510953	4.92	4.70	0.096	2.41	-49.51	0.3175	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs332354	4.48	4.29	-0.088	2.47	-31.66	0.45	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs9829376	5.47	5.23	0.11	2.73	-18.11	0.4025	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs332389	4.5	4.30	-0.089	2.64	-17.29	0.445	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs7627907	5.98	5.71	0.12	3.05	-1.59	0.365	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs2242285	5.14	4.92	0.102	2.47	3.1	0.3675	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs332370	5.21	4.99	0.102	2.14	4.59	0.325	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs2306272	4.42	4.23	-0.087	2.21	6.14	0.3075	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A26	6tAruqKfuJ97i_7uk	rs12633819	4.95	4.74	0.097	2.39	19.8	0.3575	7.376	0.113	7.153	7.299	7.359	7.422	8.017	Yes
SLC25A29	xAOqE6UnhoQeLdaVfW	rs8021068	11.33	10.81	-0.225	4.59	-18.72	0.21	7.509	0.319	7.115	7.24	7.455	7.687	8.813	
SLC25A29	xAOqE6UnhoQeLdaVfW	rs1059264	31.64	30.13	0.523	8.97	-3.62	0.3125	7.509	0.319	7.115	7.24	7.455	7.687	8.813	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	GC adj.		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SLC25A29	xAOqE6UnhoQeLdaVfW	rs1059263	6.76	6.46	0.135	2.2	-3.41	0.3525	7.509	0.319	7.115	7.24	7.455	7.687	8.813	
SLC25A29	xAOqE6UnhoQeLdaVfW	rs9324018	3.51	3.36	0.068	2	9.1	0.37	7.509	0.319	7.115	7.24	7.455	7.687	8.813	
SLC28A1	fY6NpEped5Hqd3I9c	rs12900463	3.32	3.18	-0.064	1.08	-12.53	0.26	7.106	0.007	7.094	7.101	7.105	7.11	7.13	
SLC28A1	f0feXXVv1XUTUBJFes	rs12916177	3.91	3.74	-0.074	0.47	24.91	0.145	7.138	0.032	7.102	7.121	7.131	7.144	7.439	
SLC32A1	ESJ2g3Em1JT9SQIZ9U	rs16987501	3.45	3.30	0.062	1.36	-32.69	0.0625	7.108	0.009	7.095	7.103	7.107	7.112	7.165	
SLC35F2	rR6c7nUS.S1StMd1BI	rs10890773	3.57	3.41	-0.066	0.92	30.35	0.155	8.091	0.241	7.247	7.939	8.107	8.262	8.689	
SLC36A1	io05SL2yNe.6r_ROjY	rs165352	3.36	3.22	0.06	1.52	-15.83	0.3525	8.35	0.324	7.744	8.148	8.32	8.506	9.679	
SLC36A1	io05SL2yNe.6r_ROjY	rs13177627	3.85	3.69	0.07	1.66	-9.57	0.165	8.35	0.324	7.744	8.148	8.32	8.506	9.679	
SLC36A1	io05SL2yNe.6r_ROjY	rs13180182	3.55	3.40	0.064	1.3	8.84	0.14	8.35	0.324	7.744	8.148	8.32	8.506	9.679	
SLC38A1	Nd63i0H9nqgBc6BceQ	rs7311868	6.95	6.64	0.139	2.55	3.93	0.3275	11.747	0.471	9.002	11.529	11.803	12.056	13.124	
SLC38A1	Nd63i0H9nqgBc6BceQ	rs1492889	6.72	6.42	0.137	2.38	19.19	0.324	11.747	0.471	9.002	11.529	11.803	12.056	13.124	
SLC39A10	fvorTwbx_xDntHu4TU	rs6733196	3.51	3.36	0.071	0.89	45.12	0.395	8.198	0.349	7.241	7.952	8.195	8.47	8.877	
SLC5A11	9ebieZTfzeqc.58u6o	rs2112783	16.4	15.64	-0.297	3.18	-45.04	0.2025	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs12923918	3.93	3.76	0.072	0.32	-13.15	0.4875	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs2343605	4.24	4.06	-0.08	1.41	-8.89	0.395	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs7195553	9.14	8.72	-0.18	4	-4.44	0.335	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs1862450	15.4	14.68	-0.283	3.27	-0.78	0.205	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs1011078	3.36	3.22	0.062	0.89	-29.27	0.485	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC5A11	9ebieZTfzeqc.58u6o	rs17178242	3.79	3.63	0.071	0.51	-24.36	0.485	7.261	0.123	7.108	7.192	7.233	7.297	8.083	Yes
SLC6A16	oXnH3quXt16DonookM	rs8102574	3.49	3.34	0.062	0.44	0.42	0.2475	7.824	0.305	7.232	7.575	7.826	8.001	9.454	
SLC6A16	oXnH3quXt16DonookM	rs2303759	3.67	3.52	-0.066	0.2	40.58	0.2825	7.824	0.305	7.232	7.575	7.826	8.001	9.454	
SLC7A8	Z_i4vuFX0iYOVpKee8	rs927041	6.42	6.13	-0.13	1.97	18.08	0.22	7.362	0.208	7.107	7.226	7.3	7.415	8.274	
SLC7A8	Z_i4vuFX0iYOVpKee8	rs2331937	6.42	6.13	0.13	1.97	19.34	0.22	7.362	0.208	7.107	7.226	7.3	7.415	8.274	
SLC7A8	Z_i4vuFX0iYOVpKee8	rs2268878	7.83	7.48	0.163	1.8	25.4	0.1675	7.362	0.208	7.107	7.226	7.3	7.415	8.274	
SLC7A8	Z_i4vuFX0iYOVpKee8	rs178758	3.63	3.48	0.07	0.9	46.22	0.1975	7.362	0.208	7.107	7.226	7.3	7.415	8.274	
SLC7A9	QoLrVFooIV4sEJ1I34	rs7253956	6.2	5.93	-0.115	2.63	31.82	0.38	7.24	0.126	7.11	7.151	7.207	7.304	8.303	
SLC7A9	QoLrVFooIV4sEJ1I34	rs10425973	4.54	4.34	0.081	1.16	44.42	0.195	7.24	0.126	7.11	7.151	7.207	7.304	8.303	
SLC7A9	QoLrVFooIV4sEJ1I34	rs11668957	4.54	4.34	-0.081	1.16	48.3	0.195	7.24	0.126	7.11	7.151	7.207	7.304	8.303	
SLU7	upWX307QohTkJ44igk	rs4921280	3.29	3.15	-0.064	1.57	0.45	0.4045	9.453	0.168	8.973	9.341	9.455	9.572	9.957	
SLU7	upWX307QohTkJ44igk	rs2961944	4.79	4.59	0.1	0.6	5.5	0.2766	9.453	0.168	8.973	9.341	9.455	9.572	9.957	
SLU7	upWX307QohTkJ44igk	rs2961949	4.98	4.76	-0.103	0.5	-5.41	0.28	9.453	0.168	8.973	9.341	9.455	9.572	9.957	
SLU7	upWX307QohTkJ44igk	rs2961911	4.27	4.08	-0.084	0.61	15.48	0.295	9.453	0.168	8.973	9.341	9.455	9.572	9.957	
SMAD5	cTMSMOFCcunkey54	rs7728385	5.9	5.64	0.116	1.59	-49.49	0.1125	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMAD5	cTMSMOFCcunkey54	rs7726644	5.9	5.64	0.116	1.59	-37.22	0.1125	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMAD5	cTMSMOFCcunkey54	rs17748071	4.3	4.12	0.087	1.42	-27.22	0.2375	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMAD5	cTMSMOFCcunkey54	rs3764941	13.8	13.16	-0.261	3.94	0.99	0.3125	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMAD5	cTMSMOFCcunkey54	rs9327744	9.64	9.20	-0.188	1.89	5.23	0.21	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMAD5	cTMSMOFCcunkey54	rs6596287	13.32	12.71	0.254	3.9	10.81	0.3	8.812	0.471	7.562	8.452	8.822	9.13	9.927	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs608517	3.59	3.44	-0.069	2.09	-47.74	0.3625	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs1358175	4.01	3.84	-0.078	3.72	-26.18	0.407	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs757411	5.3	5.07	-0.105	3.05	-8.82	0.42	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs11659024	6.3	6.02	0.127	2.78	-8.17	0.4823	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs1474454	4.35	4.16	0.085	1.67	7.51	0.4475	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs2014704	3.54	3.39	0.068	2.45	4.15	0.3367	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs7223332	3.35	3.21	0.065	1.95	20.53	0.335	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMARCE1	H0gTUBdCnSjVMhSJUU	rs2462957	4.23	4.05	0.082	1.83	37.86	0.4375	10.511	0.312	9.64	10.265	10.506	10.723	11.383	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs2122576	4.2	4.02	0.08	2.55	13.58	0.4475	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs10117106	5.54	5.30	-0.107	3.37	-19.01	0.1275	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs10991126	5.6	5.36	0.109	3.42	16.32	0.1263	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs6479223	4.48	4.28	-0.086	2.19	19.09	0.4475	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs2122575	5.77	5.52	-0.111	3.42	30.6	0.125	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs1580013	5.77	5.52	0.111	3.42	31.68	0.125	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC2L1	Nkl_jf3TFQBPOsOebE	rs1450674	4.08	3.90	-0.078	2.08	46.74	0.4472	7.594	0.151	7.174	7.497	7.601	7.685	8.209	
SMC6L1	Bvud.TEgagEw10rNUK	rs2001674	5.87	5.61	0.12	2.28	-48.92	0.2714	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMC6L1	Bvud.TEgagEw10rNUK	rs2710684	7.16	6.84	-0.143	3.27	-81.05	0.201	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMC6L1	Bvud.TEgagEw10rNUK	rs4578856	10.83	10.34	-0.215	3.77	8.31	0.155	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMC6L1	Bvud.TEgagEw10rNUK	rs17381041	3.9	3.73	0.075	1.51	-33.05	0.345	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMC6L1	Bvud.TEgagEw10rNUK	rs7556886	10.3	9.83	-0.205	3.75	-26.93	0.1625	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMC6L1	Bvud.TEgagEw10rNUK	rs1812706	8.31	7.93	-0.164	2.62	38.04	0.2675	8.066	0.398	7.151	7.787	8.068	8.354	9.014	Yes
SMU1	TrAlgrqh.v57Id3Vbo	rs4879656	3.77	3.61	0.075	1.76	-34.79	0.38	8.835	0.263	7.897	8.677	8.881	9.013	9.643	
SMU1	TrAlgrqh.v57Id3Vbo	rs10971361	3.77	3.61	0.075	1.76	-4.61	0.38	8.835	0.263	7.897	8.677	8.881	9.013	9.643	
SNAI2	QXkQE4oN6ee7JEeLhk	rs6987879	3.56	3.41	0.066	0.76	-22.17	0.2975	7.119	0.013	7.094	7.11	7.115	7.124	7.175	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe		
			association	association					Standard	25th	Median	75th	Maximum			
			p-value (-log10)	p-value (-log10), GC adj.	Explained	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum			
SNAI2	QXkQE4oN6ee7JELhK	rs870397	4.01	3.84	-0.075	0.75	27.24	0.35	7.119	0.013	7.094	7.11	7.115	7.124	7.175	
SNAI3	6ojqkoeoiVGPJ_ru8	rs3794624	3.31	3.17	0.063	1.84	-17.5	0.3475	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs11076696	16.58	15.80	-0.319	7.48	5.41	0.335	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs8060693	16.49	15.72	-0.32	4.62	4.96	0.3675	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs7186861	13.99	13.34	-0.272	5.29	8.4	0.2725	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs11648894	10.57	10.09	-0.219	4.46	13.48	0.3325	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs881633	3.9	3.74	0.076	1.8	20.86	0.1025	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs8059048	3.98	3.81	0.077	0.8	28.16	0.155	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAI3	6ojqkoeoiVGPJ_ru8	rs2242171	4.45	4.26	0.092	1.39	41.03	0.4053	9.423	0.457	8.328	9.129	9.408	9.784	10.893	Yes
SNAP29	EKefAJOBWo5lkn.uRo	rs178070	3.86	3.69	0.074	2.77	5.05	0.3518	8.532	0.231	7.905	8.398	8.565	8.707	9.078	
SNAP29	EKefAJOBWo5lkn.uRo	rs10483104	19.72	18.79	-0.364	4.5	7.44	0.075	8.532	0.231	7.905	8.398	8.565	8.707	9.078	
SNAP29	EKefAJOBWo5lkn.uRo	rs12162703	19.72	18.79	-0.364	4.5	2.79	0.075	8.532	0.231	7.905	8.398	8.565	8.707	9.078	
SNX11	BdXXenNcV7e6nf8cUk	rs11651097	4.76	4.59	0.091	2.77	-37.88	0.1825	9.318	0.26	8.749	9.154	9.283	9.438	10.84	
SNX11	9JSXo0.vpLEz6eC0v8	rs11651097	3.38	3.24	0.062	0.95	-37.88	0.1825	7.122	0.02	7.092	7.109	7.117	7.131	7.224	
SNX11	BdXXenNcV7e6nf8cUk	rs2240122	4.98	4.76	0.096	2.87	-32.36	0.185	9.318	0.26	8.749	9.154	9.283	9.438	10.84	
SNX11	9JSXo0.vpLEz6eC0v8	rs2240122	3.5	3.35	0.064	0.97	-32.36	0.185	7.122	0.02	7.092	7.109	7.117	7.131	7.224	
SNX16	cy75e3vcCYFJR.9Dek	rs10112819	4.22	4.04	0.083	0.47	-20.11	0.294	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1565313	4.93	4.71	-0.096	1.44	-19.82	0.085	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs5017296	3.84	3.67	-0.075	0.48	-19.63	0.2944	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs993011	5.99	5.73	0.118	1.03	-10.57	0.18	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1489587	8.02	7.66	-0.157	1.27	4.03	0.26	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs774468	8.02	7.66	-0.157	1.27	11.29	0.26	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs774469	5.15	4.92	0.104	0.34	12.05	0.36	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs774471	5.99	5.72	-0.118	1.07	12.61	0.1784	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs16909651	5.71	5.45	0.113	1.07	15.75	0.1734	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs774464	6.06	5.79	0.119	1.07	-19.02	0.1775	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1470787	7.88	7.52	-0.155	1.22	-12.18	0.2613	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs12542216	6.06	5.79	-0.119	1.07	1.34	0.1775	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs13261227	3.3	3.16	-0.063	0.28	4.41	0.24	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1451994	5.01	4.79	-0.102	0.33	24.38	0.3525	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1376841	5.47	5.23	0.111	0.41	32.61	0.3525	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1817107	5.19	4.96	0.106	0.34	36.93	0.3475	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs10111831	4.75	4.54	-0.097	0.34	39.17	0.3442	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs10481273	3.82	3.66	-0.075	0.48	43.59	0.425	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1452001	4.84	4.62	0.098	0.22	48.14	0.34	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX16	cy75e3vcCYFJR.9Dek	rs1452002	3.53	3.38	-0.069	0.48	48.92	0.4175	8.313	0.333	7.131	8.112	8.331	8.521	9.027	
SNX19	xnhKuMApKgg_pe541I	rs7943757	5.54	5.29	-0.109	0.56	-29.62	0.43	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs10791098	6.48	6.19	0.127	1.32	-27.06	0.495	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs12279359	4.88	4.67	0.095	0.97	-15.23	0.425	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs11222362	5.26	5.03	0.103	0.91	-14.35	0.43	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs7119425	3.88	3.71	-0.074	0.73	-12.59	0.4325	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs3234	5.22	4.99	0.106	1.55	-9.5	0.0925	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs2236711	5.44	5.20	0.107	1.11	-6.49	0.4525	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs12365680	5.4	5.16	0.106	1.02	3.28	0.4025	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs2298566	3.62	3.47	-0.07	1.04	4.87	0.245	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs876641	5.86	5.60	-0.116	1.13	6.26	0.455	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs948085	3.62	3.47	-0.07	1.01	6.79	0.245	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX19	xnhKuMApKgg_pe541I	rs11222391	3.33	3.19	0.063	0.97	5.69	0.3367	9.959	0.274	8.786	9.812	9.982	10.133	10.594	
SNX25	6qC_kUWFENJAIQLSg	rs6850094	4.72	4.59	-0.094	0.45	-45.24	0.4575	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs2310159	6.04	5.77	0.124	1.3	2.92	0.45	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs7675903	6.1	5.83	-0.126	0.74	28.16	0.4875	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs7698980	8.84	8.44	0.184	1.55	43.91	0.4548	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs3108227	5.02	4.80	-0.101	0.42	46.99	0.445	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs2280664	9.89	9.43	-0.206	1.59	54.27	0.4325	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs2310160	10.42	9.94	0.217	1.78	59.01	0.435	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs2692596	7.71	7.37	-0.165	1.12	72.81	0.42	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs1288536	5.29	5.05	0.106	0.73	-75.14	0.48	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs1288542	6.39	6.11	-0.13	0.88	-73.14	0.4825	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs2692593	5.74	5.49	0.117	1.16	-64.74	0.43	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs1288569	6.88	6.58	-0.141	1.12	-54.84	0.4625	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SNX25	6qC_kUWFENJAIQLSg	rs3806823	8.79	8.40	0.184	1.08	-52.98	0.405	7.608	0.247	7.115	7.409	7.598	7.769	8.295	
SOD2	uoEEpfPUeeqPju6iRK	rs2758352	3.84	3.67	-0.07	0.09	8.57	0.2075	9.671	0.486	8.693	9.328	9.62	9.956	11.726	

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SORBS1	ciOfwRApCVQHxzf_S0	rs11188295	3.53	3.39	-0.064	0.05	54.34	0.0575	7.135	0.029	7.094	7.116	7.128	7.147	7.306	
SORBS1	ciOfwRApCVQHxzf_S0	rs3818540	3.55	3.40	-0.07	0.45	94.28	0.07	7.135	0.029	7.094	7.116	7.128	7.147	7.306	
SOX18	T.1KCVIVKF76SL5Srw	rs2427590	13.17	12.56	-0.265	4.48	-37.02	0.1725	7.222	0.121	7.102	7.151	7.191	7.227	7.872	
SOX18	T.1KCVIVKF76SL5Srw	rs816922	15.75	15.01	0.303	3.02	-28.12	0.065	7.222	0.121	7.102	7.151	7.191	7.227	7.872	
SOX18	T.1KCVIVKF76SL5Srw	rs816931	15.75	15.01	0.303	3.07	-20.23	0.065	7.222	0.121	7.102	7.151	7.191	7.227	7.872	
SP110	rfgpce01ECdf.xqTVM	rs13025520	3.9	3.74	-0.077	0.56	4.38	0.11	8.509	0.331	7.739	8.334	8.498	8.688	9.405	
SP110	rfgpce01ECdf.xqTVM	rs1004868	3.9	3.74	-0.077	0.56	5.3	0.11	8.509	0.331	7.739	8.334	8.498	8.688	9.405	
SP110	rfgpce01ECdf.xqTVM	rs1004869	3.9	3.74	-0.077	0.58	5.62	0.11	8.509	0.331	7.739	8.334	8.498	8.688	9.405	
SP110	rfgpce01ECdf.xqTVM	rs957682	3.75	3.59	0.073	1.75	9.62	0.4025	8.509	0.331	7.739	8.334	8.498	8.688	9.405	
SP110	rfgpce01ECdf.xqTVM	rs3948464	3.32	3.18	-0.063	0.27	17.06	0.115	8.509	0.331	7.739	8.334	8.498	8.688	9.405	
SPACA1	6vmOj5RLuCuGOS7qjKE	rs10455478	3.66	3.51	0.07	0.21	-9.81	0.2286	7.173	0.04	7.113	7.145	7.166	7.189	7.35	
SPACA1	6vmOj5RLuCuGOS7qjKE	rs10944341	3.29	3.15	-0.062	0.43	10.08	0.2425	7.173	0.04	7.113	7.145	7.166	7.189	7.35	
SPAG16	WV3vqpz4w6oKe5O7ql	rs10185045	3.55	3.40	-0.071	1.9	-31.81	0.285	8.453	0.286	7.693	8.273	8.451	8.619	9.352	Yes
SPAG8	cQihlp64orAkpUuA6E	rs10758320	4.56	4.37	-0.09	1.24	-43.42	0.3479	7.375	0.17	7.106	7.241	7.365	7.478	8.305	
SPAG8	cQihlp64orAkpUuA6E	rs4878628	7.41	7.08	0.143	2.44	-41.22	0.295	7.375	0.17	7.106	7.241	7.365	7.478	8.305	
SPAG8	cQihlp64orAkpUuA6E	rs2281645	8.52	8.13	0.165	3.55	1.55	0.32	7.375	0.17	7.106	7.241	7.365	7.478	8.305	
SPAG8	cQihlp64orAkpUuA6E	rs10738948	6.59	6.30	0.13	2.68	21.19	0.3945	7.375	0.17	7.106	7.241	7.365	7.478	8.305	
SPAG8	cQihlp64orAkpUuA6E	rs17204908	8.43	8.05	0.164	3.81	42.31	0.3317	7.375	0.17	7.106	7.241	7.365	7.478	8.305	
SPAM1	izXwX.4TTop.qDeOCU	rs17551316	3.78	3.62	0.072	0	-12.93	0.0625	7.123	0.024	7.093	7.109	7.117	7.129	7.337	
SPATA20	3dpTHR5VX6kVHRXIMA	rs3785915	5.21	4.98	-0.099	1.88	-10.72	0.3125	8.854	0.533	7.549	8.481	8.807	9.248	10.335	
SPATA20	3dpTHR5VX6kVHRXIMA	rs1122634	13.6	12.97	0.267	3.52	-3.2	0.5	8.854	0.533	7.549	8.481	8.807	9.248	10.335	
SPATA20	3dpTHR5VX6kVHRXIMA	rs8065903	4.84	4.63	-0.09	1.93	-3.75	0.2875	8.854	0.533	7.549	8.481	8.807	9.248	10.335	
SPATA20	3dpTHR5VX6kVHRXIMA	rs739924	12.11	11.56	0.225	5.12	-1.61	0.23	8.854	0.533	7.549	8.481	8.807	9.248	10.335	
SPATA20	3dpTHR5VX6kVHRXIMA	rs989128	22.16	21.11	0.394	5.18	3.32	0.2889	8.854	0.533	7.549	8.481	8.807	9.248	10.335	
SPATA5L1	cU5QypeO3XyAF2SSAU	rs4774580	4.99	4.78	-0.098	2.04	-42.5	0.255	8.689	0.185	8.062	8.584	8.683	8.808	9.136	
SPATA5L1	cU5QypeO3XyAF2SSAU	rs1346268	4.99	4.78	-0.098	2.04	-21.56	0.255	8.689	0.185	8.062	8.584	8.683	8.808	9.136	
SPATA5L1	cU5QypeO3XyAF2SSAU	rs9806699	4.24	4.05	-0.085	1.33	26.78	0.2861	8.689	0.185	8.062	8.584	8.683	8.808	9.136	
SPCS3	H5OvXxLz33LiT54	rs1454162	3.56	3.40	-0.064	1.12	-1.85	0.175	7.988	0.302	7.289	7.753	7.959	8.186	8.797	
SPG7	o1fQbLTveugk1YaVc	rs4238830	6.33	6.05	0.125	2.24	-34.56	0.49	7.893	0.28	7.33	7.679	7.88	8.061	8.996	
SPG7	HmL_6PN4IIISBn11J_k	rs4238830	3.45	3.31	0.068	0.37	-34.56	0.49	7.415	0.183	7.103	7.283	7.409	7.506	8.2	
SPG7	o1fQbLTveugk1YaVc	rs3803681	6.33	6.05	0.125	2.17	-30.05	0.49	7.893	0.28	7.33	7.679	7.88	8.061	8.996	
SPG7	HmL_6PN4IIISBn11J_k	rs3803681	3.45	3.31	0.068	0.41	-30.05	0.49	7.415	0.183	7.103	7.283	7.409	7.506	8.2	
SPG7	o1fQbLTveugk1YaVc	rs4347628	6.83	6.52	-0.131	2.44	-4.17	0.4375	7.893	0.28	7.33	7.679	7.88	8.061	8.996	
SPG7	HmL_6PN4IIISBn11J_k	rs4347628	4.45	4.25	-0.088	0.79	-4.17	0.4375	7.415	0.183	7.103	7.283	7.409	7.506	8.2	
SPG7	o1fQbLTveugk1YaVc	rs463701	8.38	8.00	0.164	2.93	-5.37	0.46	7.893	0.28	7.33	7.679	7.88	8.061	8.996	
SPG7	HmL_6PN4IIISBn11J_k	rs463701	3.6	3.45	0.07	0.24	-5.37	0.46	7.415	0.183	7.103	7.283	7.409	7.506	8.2	
SPG7	o1fQbLTveugk1YaVc	rs382745	8.91	8.50	0.175	3.17	-0.54	0.4548	7.893	0.28	7.33	7.679	7.88	8.061	8.996	
SPG7	HmL_6PN4IIISBn11J_k	rs382745	4.01	3.84	0.08	0.38	-0.54	0.4548	7.415	0.183	7.103	7.283	7.409	7.506	8.2	
SPINK2	rnXpLRfZjd3jV0P63s	rs2037046	4.79	4.58	0.088	4.1	-1.65	0.415	7.597	0.233	7.141	7.44	7.561	7.743	8.209	
SPIRE1	fcP9ebuwC2Kz56T0q4	rs7235783	6.18	5.91	0.129	1.81	43.99	0.1357	7.604	0.19	7.197	7.471	7.583	7.71	8.299	
SPIRE1	fcP9ebuwC2Kz56T0q4	rs479860	4.18	4.00	0.082	1.9	-21.02	0.16	7.604	0.19	7.197	7.471	7.583	7.71	8.299	
SPIRE1	fcP9ebuwC2Kz56T0q4	rs16939680	3.48	3.34	-0.067	1.65	49.17	0.145	7.604	0.19	7.197	7.471	7.583	7.71	8.299	
SPIRE2	rE7teXdelcUT3mtdE	rs12709094	5.74	5.49	0.114	2.96	-41.89	0.4045	7.137	0.028	7.104	7.121	7.13	7.144	7.317	
SPIRE2	rE7teXdelcUT3mtdE	rs11646374	3.89	3.72	-0.078	2.53	-36.97	0.0925	7.137	0.028	7.104	7.121	7.13	7.144	7.317	
SPIRE2	rE7teXdelcUT3mtdE	rs7190823	5.48	5.24	-0.11	3.23	-28.86	0.405	7.137	0.028	7.104	7.121	7.13	7.144	7.317	
SPIRE2	rE7teXdelcUT3mtdE	rs2270460	4.13	3.95	-0.083	2.21	34.69	0.0969	7.137	0.028	7.104	7.121	7.13	7.144	7.317	
SPNS1	fXdRkPjVCp2uc.sGgw	rs8045689	3.69	3.54	-0.069	3.12	2.12	0.34	10.166	0.282	9.354	9.994	10.134	10.337	11.075	
SPON1	QqoQIFcu3Tv7P61S_o	rs4471396	3.69	3.69	0.069	0.28	-49.31	0.23	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPON1	QqoQIFcu3Tv7P61S_o	rs1507526	4.95	4.73	-0.097	1.03	-43.7	0.3375	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPON1	QqoQIFcu3Tv7P61S_o	rs2271155	3.69	3.54	-0.069	0.28	-41.01	0.23	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPON1	QqoQIFcu3Tv7P61S_o	rs2271154	4.21	4.03	0.08	0.47	-40.98	0.225	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPON1	QqoQIFcu3Tv7P61S_o	rs1027837	6.7	6.40	0.133	0.99	-37.37	0.405	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPON1	QqoQIFcu3Tv7P61S_o	rs7932860	4.26	4.08	-0.083	0.63	-33.27	0.3925	7.882	0.275	7.186	7.701	7.873	8.03	8.644	
SPRED2	03tSCXVYVVCc.nRPBA	rs7601514	3.64	3.49	0.07	0.21	7.72	0.255	7.183	0.051	7.118	7.15	7.171	7.204	7.433	
SPRED2	03tSCXVYVVCc.nRPBA	rs6743585	3.6	3.44	0.067	0.29	17.73	0.1633	7.183	0.051	7.118	7.15	7.171	7.204	7.433	
SPRYD4	HXeXV.ISI.dlez1Neo	rs1082214	3.92	3.75	0.074	0.58	-15.87	0.0525	7.575	0.172	7.267	7.47	7.553	7.652	8.779	
SPRYD4	HXeXV.ISI.dlez1Neo	rs7302925	14.43	13.76	-0.272	2.7	-0.9	0.1825	7.575	0.172	7.267	7.47	7.553	7.652	8.779	
SPSB2	6_VXIOCXedxS4le4w	rs5446	3.81	3.98	0.08	1.2	-23.64	0.3125	8.417	0.322	7.724	8.183	8.391	8.62	9.53	
SPSB2	6_VXIOCXedxS4le4w	rs2238114	4.13	3.95	-0.084	1.28	-14.36	0.3141	8.417	0.322	7.724	8.183	8.391	8.62	9.53	
SPSB2	6_VXIOCXedxS4le4w	rs2040352	4.4	4.25	-0.091	1.48	24.55	0.28	8.417	0.322	7.724	8.183	8.391	8.62	9.53	
SPSB2	6_VXIOCXedxS4le4w	rs2301137	4.25	4.07	0.087	0.93	36.5	0.275	8.417	0.322	7.724	8.183	8.391	8.62	9.53	
SPSB2	6_VXIOCXedxS4le4w	rs710415	5.65	5.40	0.117	1.26	40.67	0.285	8.417	0.322	7.724	8.183	8.391	8.62	9.53	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
SPTBN5	rPI6XVXk9e3q4Iohu8	rs1209334	3.71	3.55	-0.07	1.25	3.79	0.425	7.178	0.078	7.104	7.128	7.156	7.199	7.577	
SPTLC1	igo0_P1_7OjDWOEpQc	rs10123181	3.52	3.37	0.07	2.29	-49.02	0.0829	7.428	0.112	7.133	7.358	7.421	7.508	7.778	
SPTLC1	igo0_P1_7OjDWOEpQc	rs10820938	3.38	3.24	0.066	1.97	0.63	0.05	7.428	0.112	7.133	7.358	7.421	7.508	7.778	
SQSTM1	E5epfp6l3r3hH956Cc	rs565280	25.15	23.96	0.449	7.27	6.03	0.4925	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs10277	26.14	24.90	-0.457	7.57	-0.35	0.49	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs1065154	25.84	24.61	0.462	7.11	-0.16	0.4949	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs248247	12.94	12.34	-0.26	2.86	2.7	0.3325	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs248248	7.29	6.97	-0.152	3.11	2.87	0.3333	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs2303677	6.62	6.32	0.133	0.88	3.7	0.1683	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs748197	17.53	16.71	-0.329	4.71	8.74	0.4075	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs1650893	26.14	24.90	-0.457	7.57	15.3	0.49	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs10060182	7.99	7.63	-0.157	2.3	20.67	0.265	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs13936	3.29	3.15	-0.061	0.67	24.58	0.075	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs30386	5.32	5.08	-0.106	1.28	25.77	0.4275	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SQSTM1	E5epfp6l3r3hH956Cc	rs248217	11.06	10.55	0.225	2.9	45.25	0.3725	8.301	0.329	7.541	8.108	8.289	8.513	9.275	
SRBD1	6H3H5QTeX56H7Oo_3U	rs17393522	3.31	3.17	-0.062	0.97	-8.54	0.4975	9.249	0.237	8.146	9.116	9.263	9.401	10.316	
SRBD1	6H3H5QTeX56H7Oo_3U	rs17322265	3.78	3.62	0.072	0.67	104.17	0.441	9.249	0.237	8.146	9.116	9.263	9.401	10.316	
SRBD1	6H3H5QTeX56H7Oo_3U	rs1477246	4.86	4.64	-0.093	1.62	-96.97	0.46	9.249	0.237	8.146	9.116	9.263	9.401	10.316	
SRBD1	6H3H5QTeX56H7Oo_3U	rs7558188	3.35	3.21	-0.063	0.89	-63.38	0.4425	9.249	0.237	8.146	9.116	9.263	9.401	10.316	
SRBD1	6H3H5QTeX56H7Oo_3U	rs3821063	3.3	3.16	-0.062	0.96	-53.99	0.4425	9.249	0.237	8.146	9.116	9.263	9.401	10.316	
SRI	0pxR6i0o04vTffX3x4	rs7810426	11.43	10.90	-0.226	5.86	-7.47	0.2875	8.301	0.344	7.647	8.035	8.278	8.528	9.314	
SRI	0pxR6i0o04vTffX3x4	rs1063964	41.7	39.70	-0.622	8.26	1.04	0.2965	8.301	0.344	7.647	8.035	8.278	8.528	9.314	
SRI	0pxR6i0o04vTffX3x4	rs734909	13.07	12.47	-0.253	4.81	1.68	0.1475	8.301	0.344	7.647	8.035	8.278	8.528	9.314	
SRI	0pxR6i0o04vTffX3x4	rs7804513	6.81	6.51	-0.136	2.07	24.19	0.1692	8.301	0.344	7.647	8.035	8.278	8.528	9.314	
SRI	0pxR6i0o04vTffX3x4	rs43123	8.84	8.44	-0.177	3.36	26.7	0.2275	8.301	0.344	7.647	8.035	8.278	8.528	9.314	
SRR	NFTkIi6.tNXicIQ3ik	rs216205	3.3	3.16	-0.066	2.07	-11.1	0.2613	7.505	0.155	7.148	7.391	7.498	7.616	7.983	
SRR	NFTkIi6.tNXicIQ3ik	rs1885987	13.32	12.70	0.267	3.53	-4.22	0.4025	7.505	0.155	7.148	7.391	7.498	7.616	7.983	
SRR	NFTkIi6.tNXicIQ3ik	rs216195	3.79	3.63	-0.072	0.56	-4.08	0.2764	7.505	0.155	7.148	7.391	7.498	7.616	7.983	
SRR	NFTkIi6.tNXicIQ3ik	rs12451892	4.41	4.22	0.087	1.01	19.43	0.3825	7.505	0.155	7.148	7.391	7.498	7.616	7.983	
SRXN1	3pKX73R5XcKgrR2kc	rs6085283	8.54	8.16	-0.165	2.2	-0.93	0.425	8.049	0.375	7.118	7.803	8.042	8.284	9.605	
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs9789575	4.87	4.66	0.098	2.73	-41.02	0.125	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs6753123	3.36	3.22	-0.065	1.89	-18.77	0.145	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs1518987	6.29	6.02	-0.125	4.6	-15.04	0.485	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs13020072	8.57	8.18	-0.172	3.7	8.24	0.3442	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs1518990	8.57	8.18	0.172	3.7	13.07	0.3442	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs3731824	12.09	11.53	0.242	4.84	22.04	0.2323	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs3810821	12.38	11.81	0.245	5.07	-19.3	0.23	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs2030275	8.71	8.32	-0.174	3.89	-14.24	0.3425	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
ST3GAL5	reEHuCUV6nEgFEt9Uk	rs12622987	12.42	11.85	0.245	4.93	-9.59	0.2275	9.477	0.225	8.607	9.327	9.487	9.636	10.094	Yes
6GALNAC1	EquOrpQxRD154AEd9Q	rs4633757	6.44	6.15	0.118	2.42	-26.29	0.38	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs2532443	7.43	7.10	-0.138	3.15	-23.88	0.435	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs6501911	9.91	9.46	0.184	4.48	-0.94	0.4725	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs717571	8.83	8.43	-0.163	3.52	-0.02	0.4875	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs12450896	5.74	5.49	-0.106	1.89	9.02	0.3775	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs719430	8.69	8.29	-0.164	3.03	-0.2	0.4873	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs7214860	13.88	13.23	0.25	4.28	2.68	0.4275	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs2286587	7.31	6.98	0.136	2.04	44.67	0.37	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs2286586	7.04	6.73	0.131	2	44.72	0.365	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs8067445	11.62	11.09	0.219	2.72	48.04	0.4225	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC1	EquOrpQxRD154AEd9Q	rs7225592	7.04	6.73	0.131	1.92	49.03	0.365	8.251	0.377	7.122	7.976	8.245	8.515	9.032	
6GALNAC2	6SBHqKt6R_OqvL5_kk	rs2304921	4.05	3.88	0.08	1.53	-7.1	0.075	7.304	0.149	7.118	7.213	7.263	7.35	8.166	
6GALNAC4	Wf7V6p46VUHRSTThfs	rs10819317	5.26	5.03	-0.103	2.79	-1.21	0.196	8.507	0.292	7.912	8.3	8.481	8.683	10.32	
6GALNAC5	oJKeAc6E4.eCJE3UeE	rs12744696	3.37	3.22	-0.068	0.27	21.8	0.105	7.115	0.024	7.093	7.105	7.111	7.119	7.389	
6GALNAC5	oJKeAc6E4.eCJE3UeE	rs7524360	3.37	3.22	-0.068	0.24	36.37	0.105	7.115	0.024	7.093	7.105	7.111	7.119	7.389	
6GALNAC6	ujp7aiezRer3tV6d7M	rs10819317	11.72	11.18	-0.227	5.6	7.09	0.196	9.037	0.454	7.77	8.741	9.011	9.277	10.362	
ST7L	QREIBTd43l7nBUngQ4	rs7544663	13.11	12.50	0.254	3.74	4.59	0.4975	7.308	0.109	7.129	7.229	7.291	7.377	7.791	
ST7L	3XUgRPeAarjLgkPlzk	rs7544663	7.02	6.71	0.141	1.8	4.59	0.4975	7.295	0.136	7.103	7.198	7.266	7.357	7.774	
ST7L	QREIBTd43l7nBUngQ4	rs7415820	12.14	11.58	0.238	4.85	7.41	0.4975	7.308	0.109	7.129	7.229	7.291	7.377	7.791	
ST7L	3XUgRPeAarjLgkPlzk	rs7415820	6.69	6.39	0.135	1.32	7.41	0.4975	7.295	0.136	7.103	7.198	7.266	7.357	7.774	
ST7L	QREIBTd43l7nBUngQ4	rs12046208	9.99	9.53	-0.198	4.19	9.55	0.445	7.308	0.109	7.129	7.229	7.291	7.377	7.791	
ST7L	3XUgRPeAarjLgkPlzk	rs12046208	5.79	5.54	-0.116	1.4	9.55	0.445	7.295	0.136	7.103	7.198	7.266	7.357	7.774	
ST7L	QREIBTd43l7nBUngQ4	rs17030613	6.17	5.89	0.124	2.28	28.77	0.21	7.308	0.109	7.129	7.229	7.291	7.377	7.791	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
ST7L	3XUgRPeAarJLgkPlzk	rs17030613	3.53	3.38	0.069	1.83	28.77	0.21	7.295	0.136	7.103	7.198	7.266	7.357	7.774
ST7L	3XUgRPeAarJLgkPlzk	rs12025785	3.39	3.25	0.064	0.97	43.33	0.0528	7.295	0.136	7.103	7.198	7.266	7.357	7.774
STAM	I3sl3kxx6e00RSbEsk	rs4237347	3.42	3.27	-0.068	0.44	-31.54	0.3775	9.106	0.285	7.127	8.963	9.127	9.278	9.816
STAM	I3sl3kxx6e00RSbEsk	rs1937348	6.25	5.97	0.126	1.9	4.56	0.4472	9.106	0.285	7.127	8.963	9.127	9.278	9.816
STAM	I3sl3kxx6e00RSbEsk	rs6602207	6.18	5.91	0.124	1.72	12.75	0.445	9.106	0.285	7.127	8.963	9.127	9.278	9.816
STAM	I3sl3kxx6e00RSbEsk	rs2570287	5.76	5.50	0.115	1.7	-31.84	0.445	9.106	0.285	7.127	8.963	9.127	9.278	9.816
STAM	I3sl3kxx6e00RSbEsk	rs4556434	6.24	5.97	0.125	1.81	-12.78	0.4425	9.106	0.285	7.127	8.963	9.127	9.278	9.816
STAT6	leXnk3.e_VTUWUn1fQ	rs324021	5.2	4.97	-0.1	1.7	-43.35	0.4475	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STAT6	leXnk3.e_VTUWUn1fQ	rs703817	8.5	8.12	-0.164	2.73	0.64	0.495	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STAT6	leXnk3.e_VTUWUn1fQ	rs324015	7.8	7.45	0.151	1.76	0.91	0.2175	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STAT6	leXnk3.e_VTUWUn1fQ	rs841718	7.79	7.43	0.15	2.48	3.81	0.4045	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STAT6	leXnk3.e_VTUWUn1fQ	rs167769	5.29	5.06	-0.105	1.31	-1.39	0.401	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STAT6	leXnk3.e_VTUWUn1fQ	rs4759044	3.9	3.73	0.073	1.89	25.51	0.4347	10.319	0.378	9.456	10.029	10.333	10.572	11.186
STATH	li78DE_ldyrJE03fgk	rs17641990	5.47	5.23	-0.116	0.5	2.25	0.105	7.131	0.034	7.099	7.112	7.122	7.138	7.453
STK17B	ohQSSlzl.dPfxJLqE	rs12621714	3.63	3.48	0.07	2.83	-9.05	0.3643	10.02	0.453	7.213	9.755	10.003	10.315	11.137
STK39	ZQorqdUo6xT539cnBU	rs950535	3.55	3.40	-0.067	2.49	-8.25	0.415	10.165	0.272	9.161	10.018	10.178	10.345	10.878
STK39	ZQorqdUo6xT539cnBU	rs1400637	3.55	3.40	0.067	2.74	32.38	0.2613	10.165	0.272	9.161	10.018	10.178	10.345	10.878
STK39	ZQorqdUo6xT539cnBU	rs9917256	3.86	3.70	0.074	2.03	38.93	0.135	10.165	0.272	9.161	10.018	10.178	10.345	10.878
STMN3	BJXHip6jPXTrpJnTJg	rs879471	3.6	3.45	0.066	2.48	-1.12	0.455	13.19	0.476	11.374	12.933	13.222	13.428	14.492
STON1	ThXeOpM7SnUd8KLS4U	rs17397852	3.48	3.33	-0.065	2.24	-3.93	0.1025	7.166	0.05	7.102	7.133	7.15	7.191	7.4
STON1	ThXeOpM7SnUd8KLS4U	rs7604334	3.9	3.74	-0.075	2.41	6.39	0.3317	7.166	0.05	7.102	7.133	7.15	7.191	7.4
STOX1	Ek6SiMugyPdRoRlt6g	rs1782345	22.01	20.97	-0.401	7.42	-20.17	0.2775	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs1694505	21.01	20.02	0.387	7.89	2.51	0.3025	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs16925839	4.55	4.35	0.089	1.43	20.48	0.4725	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs11818897	12.4	11.82	-0.25	3.95	28.82	0.075	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs10998461	3.3	3.16	-0.063	1.41	29.14	0.4825	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs1007042	3.36	3.21	0.064	1.32	29.59	0.485	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs17470053	15.68	14.95	-0.31	6.12	31.04	0.12	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs1417941	6.44	6.16	-0.128	3.11	31.48	0.235	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs7903209	6.44	6.16	0.128	2.87	-24.23	0.235	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs4746797	4.87	4.66	0.096	1.5	-21.19	0.34	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs10509305	5.96	5.70	0.121	3.08	-7.44	0.2225	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs10509306	6.29	6.01	0.128	2.46	-7.12	0.1075	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs4472827	5.62	5.38	-0.113	2.53	-0.54	0.2625	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STOX1	Ek6SiMugyPdRoRlt6g	rs2394498	4.49	4.30	0.09	1.24	38.89	0.3655	7.286	0.191	7.119	7.16	7.197	7.332	8.064
STX19	iDX5lse77657U57J0	rs13062355	10.11	9.65	0.196	2.86	-44.7	0.495	7.185	0.079	7.108	7.128	7.153	7.219	7.464
STX19	iDX5lse77657U57J0	rs7644769	5.93	5.67	0.117	1.4	-39	0.405	7.185	0.079	7.108	7.128	7.153	7.219	7.464
STX2	KqF5dW47VF.X0K3tM4	rs10219721	3.95	3.78	0.079	0.94	3.63	0.0975	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs10773819	19.54	18.62	-0.369	6.95	4.88	0.48	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	HpA467owbS7k5d3lKs	rs10773819	7.3	6.97	-0.143	4.08	4.88	0.48	7.521	0.216	7.126	7.362	7.522	7.674	8.283
STX2	KqF5dW47VF.X0K3tM4	rs1554807	10.14	9.67	-0.205	5.2	6.27	0.4225	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs1106369	19.54	18.62	-0.369	6.95	-23.72	0.48	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	HpA467owbS7k5d3lKs	rs1106369	7.3	6.97	-0.143	4.08	-23.72	0.48	7.521	0.216	7.126	7.362	7.522	7.674	8.283
STX2	KqF5dW47VF.X0K3tM4	rs4334059	9.94	9.49	-0.201	5.23	-9.6	0.42	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs4644680	3.57	3.41	0.068	2.45	-8.99	0.2538	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs7311067	9.23	8.81	-0.18	3.99	-2.6	0.2525	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	HpA467owbS7k5d3lKs	rs7311067	5.11	4.89	-0.095	4.01	-2.6	0.2525	7.521	0.216	7.126	7.362	7.522	7.674	8.283
STX2	KqF5dW47VF.X0K3tM4	rs7962097	3.4	3.26	0.067	2.04	1.05	0.2273	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs10848218	12.74	12.15	0.26	4.34	8.25	0.4196	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STX2	KqF5dW47VF.X0K3tM4	rs7307055	5.19	4.97	-0.1	1.88	21.43	0.3643	9.813	0.428	8.615	9.529	9.815	10.106	10.963
STXBP4	NuvQdJAR9eJF5xOUpA	rs11869726	6.99	6.67	0.135	4	-22.64	0.3025	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs11870311	6.99	6.67	0.135	4	-22.23	0.3025	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs11871939	6.99	6.67	0.135	4	-2.36	0.3025	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs10852971	6.07	5.80	0.117	3.41	12.61	0.2875	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs958556	4.54	4.34	0.089	1.83	17.62	0.165	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs7225949	8.66	8.26	0.172	5.3	50.65	0.4325	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs2541244	5.33	5.10	-0.102	3.08	54.04	0.295	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs1948000	8.87	8.47	0.177	5.16	-93.73	0.4246	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs1026961	5.33	5.10	0.102	3.05	-85.78	0.295	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs2628299	5.33	5.10	0.102	3.05	-80.5	0.295	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs1548908	3.78	3.62	-0.071	2.2	-74	0.215	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NuvQdJAR9eJF5xOUpA	rs244363	9.1	8.68	-0.18	4.43	-52.56	0.4221	7.284	0.106	7.123	7.209	7.264	7.328	7.78

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe
			p-value (-log10)	p-value (-log10), GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum	
STXBP4	NUvQdJAR9eJF5xOUpA	rs244340	9.26	8.84	-0.182	4.43	-42.1	0.425	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs244292	9.41	8.98	0.186	4.49	-10.71	0.4242	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs244304	5.6	5.35	-0.108	3.21	-3.49	0.3075	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs2529515	3.53	3.38	0.068	2.33	5.68	0.2275	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs1564821	5.15	4.92	-0.099	1.92	7.48	0.245	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs9904768	3.98	3.81	0.074	2.21	29.37	0.215	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP4	NUvQdJAR9eJF5xOUpA	rs171511	5.36	5.12	0.102	3.43	32.46	0.335	7.284	0.106	7.123	7.209	7.264	7.328	7.78
STXBP5	xnTT3qL9TsunOS7oC4	rs694625	3.85	3.68	-0.075	1.52	-24.39	0.4825	8.641	0.256	7.184	8.511	8.669	8.813	9.363
STXBP5	xnTT3qL9TsunOS7oC4	rs2818867	3.5	3.36	0.069	1.43	-24.09	0.4645	8.641	0.256	7.184	8.511	8.669	8.813	9.363
STXBP5	xnTT3qL9TsunOS7oC4	rs7739314	3.77	3.61	0.082	1.53	2.29	0.4793	8.641	0.256	7.184	8.511	8.669	8.813	9.363
STYXL1	Wx4lI0XqpP_6uipSLs	rs8509	9.11	8.70	-0.177	1.71	-9.08	0.085	7.988	0.225	7.527	7.837	7.97	8.105	8.803
STYXL1	Wx4lI0XqpP_6uipSLs	rs9649665	9.11	8.70	0.177	1.49	12.14	0.0875	7.988	0.225	7.527	7.837	7.97	8.105	8.803
SUMF1	KqS0wne.VXdVAI9JgY	rs2819562	4.91	4.70	-0.095	3.74	0.78	0.455	9.067	0.287	8.517	8.863	9.043	9.262	9.938
SUMF1	KqS0wne.VXdVAI9JgY	rs2662126	4.86	4.65	-0.094	3.47	7.6	0.4525	9.067	0.287	8.517	8.863	9.043	9.262	9.938
SUMF1	KqS0wne.VXdVAI9JgY	rs11915920	5.28	5.05	-0.102	3.04	7.7	0.4975	9.067	0.287	8.517	8.863	9.043	9.262	9.938
SUMO3	KTL3lz7X1eKdT55_uk	rs4818979	3.69	3.53	0.067	2.23	17.55	0.2275	11.377	0.219	10.614	11.253	11.365	11.522	11.957
SUNC1	Nq1OkRskJE3lIvrEgo	rs2686829	3.37	3.23	-0.062	1.24	-41.99	0.275	7.375	0.147	7.14	7.267	7.348	7.46	8.297
SUOX	r3Ur5SlvmKlKpEFf0	rs2069408	5.23	5.00	-0.101	2.75	-26.72	0.35	8.094	0.318	7.364	7.903	8.043	8.238	9.346
SUOX	r3Ur5SlvmKlKpEFf0	rs773107	6.4	6.12	-0.129	3.76	-21.54	0.3725	8.094	0.318	7.364	7.903	8.043	8.238	9.346
SUOX	r3Ur5SlvmKlKpEFf0	rs10876864	4.21	4.03	-0.083	2.45	1.78	0.4375	8.094	0.318	7.364	7.903	8.043	8.238	9.346
SUOX	r3Ur5SlvmKlKpEFf0	rs1701704	5.95	5.69	0.118	2.72	13.18	0.3775	8.094	0.318	7.364	7.903	8.043	8.238	9.346
SUPT3H	HfXV9AkcURch6A7qeo	rs1418433	10.09	9.63	-0.202	3.1	-43.9	0.3875	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs1418433	5.47	5.23	-0.107	2.42	-44.88	0.3875	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs10948172	9.25	8.83	0.183	4.97	-18.78	0.305	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs10948172	6.68	6.39	0.131	3.08	-19.76	0.305	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs857601	8.76	8.36	-0.174	4.4	8.74	0.3005	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs857601	6.65	6.35	-0.131	2.98	7.76	0.3005	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs3799968	13.53	12.90	-0.268	4.69	8.91	0.4296	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs3799968	6.38	6.10	-0.128	4.99	7.93	0.4296	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs9395051	13.68	13.04	0.27	4.63	29.25	0.4225	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs9395051	6.04	5.78	0.12	4.43	28.27	0.4225	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs3799977	12.83	12.24	-0.25	6.04	40.89	0.4325	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs3799977	7.61	7.27	-0.15	4.72	39.91	0.4325	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs7754378	14.94	14.25	0.293	5.62	66.64	0.4924	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs7754378	7.36	7.03	0.147	4.6	65.66	0.4924	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs9367211	13.99	13.35	0.276	4.94	88.84	0.4322	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs9367211	6.36	6.08	0.127	4.53	87.86	0.4322	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs608941	9.68	9.24	-0.194	4.04	92.27	0.495	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs608941	5	4.78	-0.098	4.3	91.29	0.495	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs12196818	12.8	12.21	-0.25	6.18	114.94	0.4525	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs12196818	7.42	7.09	-0.146	5.03	113.96	0.4525	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs12198308	8.83	8.43	0.174	4.62	115.42	0.3	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs12198308	7.25	6.92	0.141	2.62	114.44	0.3	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs12210292	9.17	8.75	-0.179	4.43	128.82	0.27	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs12210292	8.11	7.74	-0.157	2.86	127.84	0.27	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs9472409	15.12	14.42	0.292	6.99	129.96	0.49	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs9472409	7.64	7.30	0.151	4.5	128.98	0.49	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs13216116	15.12	14.42	-0.292	6.96	140.21	0.49	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs13216116	7.64	7.30	-0.151	4.59	139.23	0.49	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs10948190	13.81	13.17	-0.272	4.9	145.83	0.425	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs10948190	6.84	6.53	-0.136	4.6	144.85	0.425	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs2396369	10.78	10.29	-0.212	4.37	149.99	0.345	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	HfXV9AkcURch6A7qeo	rs10948197	12.51	11.94	-0.244	6	171.02	0.43	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs10948197	8.1	7.74	-0.159	4.8	170.04	0.43	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs1329710	10.72	10.23	0.213	4.04	172.66	0.4925	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs1329710	6.89	6.58	0.136	4.67	171.68	0.4925	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs9381359	11.76	11.22	-0.233	4.44	194.16	0.395	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs9381359	5.18	4.96	-0.101	3.11	193.18	0.395	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs1285019	9.27	8.85	-0.19	3.18	-178	0.4513	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs1285019	7.85	7.49	-0.158	5.19	-177.9	0.4513	8.499	0.345	7.452	8.258	8.478	8.717	9.547
SUPT3H	HfXV9AkcURch6A7qeo	rs9463076	8.21	7.84	0.166	3.29	-174.31	0.4825	7.99	0.173	7.514	7.881	7.991	8.113	8.504
SUPT3H	Q0s0Qd54IR5Je674p0	rs9463076	5.53	5.29	0.109	4.49	-174.21	0.4825	8.499	0.345	7.452	8.258	8.478	8.717	9.547

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			p-value (-log10)	p-value (-log10)		p-value (-log10)	p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
SUPT3H	HfXV9AkcURch6A7qeo	rs9381373	9.39	8.96	0.189	3.31	-169.76	0.4925	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs9381373	7.06	6.74	0.14	4.78	-169.67	0.4925	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs2396425	12.44	11.86	-0.248	4.32	-168.65	0.4175	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs2396425	7.26	6.94	-0.146	4.93	-168.55	0.4175	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs9472451	11.21	10.70	0.221	5.16	-146.87	0.465	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs9472451	7.19	6.86	0.141	5.16	-146.78	0.465	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs10948222	13.2	12.59	0.262	4.42	-101.25	0.41	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs10948222	6.25	5.97	0.125	4.65	-101.16	0.41	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	Q0s0Qd54iR5Je674p0	rs12207402	3.54	3.39	-0.07	2	-99	0.093	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs12529946	11.21	10.70	-0.221	4.93	-90.38	0.465	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs12529946	7.19	6.86	-0.141	5.23	-90.28	0.465	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs12201899	7.62	7.27	-0.151	3.76	-47.47	0.3157	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs12201899	5.55	5.31	-0.108	3	-47.37	0.3157	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs12199720	11.95	11.40	0.246	3.53	-38.23	0.401	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs12199720	5.53	5.29	0.113	4.12	-38.13	0.401	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	Q0s0Qd54iR5Je674p0	rs17209755	3.37	3.22	0.062	2.48	-35.05	0.12	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs10807321	7.39	7.06	-0.148	3.02	-14.7	0.3112	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs10807321	5.54	5.29	-0.108	3.05	-14.6	0.3112	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs12208924	11.21	10.70	0.221	5.16	-3.62	0.465	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs12208924	7.19	6.86	0.141	5.16	-3.52	0.465	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs1321081	13.86	13.22	-0.27	4.65	9.94	0.4075	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs1321081	6.54	6.25	-0.129	5	10.03	0.4075	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs17288341	7.98	7.62	0.156	3.81	12.31	0.3225	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs17288341	6.33	6.05	0.122	3.11	12.41	0.3225	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	Q0s0Qd54iR5Je674p0	rs1321080	6.1	5.83	0.118	2.18	12.75	0.275	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SUPT3H	HfXV9AkcURch6A7qeo	rs1321080	5.34	5.10	0.103	2.52	12.65	0.275	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	HfXV9AkcURch6A7qeo	rs9296459	5.81	5.56	-0.112	4.01	23.13	0.375	7.99	0.173	7.514	7.881	7.991	8.113	8.504	
SUPT3H	Q0s0Qd54iR5Je674p0	rs9296459	5.33	5.10	-0.101	2.87	23.22	0.375	8.499	0.345	7.452	8.258	8.478	8.717	9.547	
SURF6	rSieu4e8UhlpB44AJU	rs597411	3.52	3.38	0.068	1.2	-4.93	0.3075	7.879	0.215	7.13	7.718	7.859	8.054	8.405	
SURF6	rSieu4e8UhlpB44AJU	rs886090	11.57	11.04	-0.229	4.2	1.95	0.3375	7.879	0.215	7.13	7.718	7.859	8.054	8.405	
SURF6	rSieu4e8UhlpB44AJU	rs12763	9.8	9.36	-0.196	4.2	24.22	0.355	7.879	0.215	7.13	7.718	7.859	8.054	8.405	
SYNGR2	cp.Ogfsv4EKS6Q1IV0	rs12452081	3.38	3.23	-0.064	3.85	3.68	0.2625	7.161	0.039	7.111	7.135	7.153	7.177	7.339	
SYNGR2	cp.Ogfsv4EKS6Q1IV0	rs1071664	4.2	4.02	-0.082	2.95	14.03	0.37	7.161	0.039	7.111	7.135	7.153	7.177	7.339	
SYNGR3	0Ei6Ve7r1fxfp9eIS0	rs740580	3.99	3.81	-0.083	1.18	-28.9	0.1275	7.134	0.025	7.102	7.117	7.127	7.144	7.261	
SYNGR3	0Ei6Ve7r1fxfp9eIS0	rs7190048	3.34	3.20	-0.068	2.31	1.52	0.4495	7.134	0.025	7.102	7.117	7.127	7.144	7.261	
SYNGR3	0Ei6Ve7r1fxfp9eIS0	rs1058474	7.08	6.76	0.145	1.15	4.52	0.1985	7.134	0.025	7.102	7.117	7.127	7.144	7.261	
SYS1	HU3uvomXf6jOfQrfuU	rs1008953	9.89	9.44	-0.196	2.74	-10.97	0.1925	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs4812893	5.5	5.26	-0.107	1.62	-0.87	0.3125	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs6032142	5.57	5.32	0.108	1.53	-2.44	0.3175	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs707576	5.64	5.40	0.11	1.59	-1.38	0.3191	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs2743439	9.89	9.44	0.196	2.74	1.79	0.1925	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs2252731	4.52	4.33	0.09	0.86	10.29	0.0575	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYS1	HU3uvomXf6jOfQrfuU	rs1028307	9.22	8.81	0.183	2.46	47.76	0.195	9.269	0.198	8.659	9.136	9.26	9.384	9.893	
SYTL2	E4IQPUenXUeAHHAWug	rs431606	3.42	3.28	0.058	3.82	-26.21	0.33	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs290180	3.55	3.40	0.06	3.4	-14.6	0.3225	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs290179	5.7	5.45	-0.104	3.34	-5.2	0.3925	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs290198	4.76	4.55	-0.085	3.34	-10.54	0.4325	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs17148355	4.23	4.05	-0.076	2.2	-3.88	0.0635	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs290193	5.67	5.42	-0.102	3.49	-1.14	0.4325	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs641393	3.4	3.26	-0.059	2.21	6.14	0.3725	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
SYTL2	E4IQPUenXUeAHHAWug	rs580459	3.76	3.60	-0.066	1.87	6.29	0.3475	8.443	0.315	7.539	8.246	8.45	8.64	9.425	
TADA2L	Wh62KQIR00lyO4EAvo	rs2946340	3.77	3.61	-0.073	0.3	-17.6	0.1575	7.439	0.219	7.107	7.263	7.383	7.583	8.059	
TAFF1B	0oR.JfSoteAiApQ0eeE	rs2245344	4.14	3.96	-0.079	1.62	2.1	0.4975	8.246	0.237	7.153	8.067	8.249	8.405	8.896	
TAGLN	KjupQIR7XX6aQCVpGg	rs4938349	4.31	4.12	0.08	2.39	-48.12	0.2889	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs7122944	3.84	3.67	0.072	1.56	-35.42	0.1425	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs7112513	3.68	3.52	0.068	1.47	-32.68	0.1407	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs4938353	4.65	4.45	-0.087	1.94	-23.84	0.2325	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs4938354	4.58	4.38	0.085	2.45	-18.88	0.2925	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs90192	4.29	4.11	0.079	2.17	-10.69	0.2025	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs236919	5.46	5.22	-0.106	2.6	19.85	0.4422	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN	KjupQIR7XX6aQCVpGg	rs500389	4.67	4.47	-0.089	1.59	25.09	0.4675	8.525	0.424	7.564	8.228	8.454	8.759	10.267	Yes
TAGLN2	EIG42xl6kUFmqbKQ	rs16831153	4.33	4.15	0.082	2.22	25.43	0.1935	10.972	0.673	7.276	10.585	10.942	11.416	12.817	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
TAP2	3H5erRMnCGuih_VJ.k	rs13195441	7.86	7.51	0.147	2.21	-49.89	0.28	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs2857204	8.4	8.02	-0.157	2.41	-48.84	0.3425	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2857204	4.06	3.88	0.078	1.22	-45.26	0.3425	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs9276644	4.85	4.64	-0.094	1.8	-48.14	0.335	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs719654	5.91	5.64	0.111	1.9	-41.05	0.205	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs719654	4.18	4.00	-0.082	0.77	-37.47	0.205	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs9276711	5.02	4.80	0.1	1.82	-35.89	0.3342	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs3948793	4.77	4.56	-0.093	1.66	-33.74	0.3367	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs2621373	6.56	6.27	0.123	1.84	-28.06	0.29	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2621373	4.88	4.67	-0.097	0.9	-24.48	0.29	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs2219893	5.56	5.32	0.105	1.62	-23.52	0.2985	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2219893	4.43	4.24	-0.088	0.85	-19.95	0.2985	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs2856997	5.54	5.30	0.103	1.17	-11.41	0.392	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2856997	4.55	4.36	-0.089	1.24	-7.83	0.392	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	Zr.dcToWEIA319F6Rk	rs2071474	6.66	6.36	0.135	1.07	-7.03	0.2675	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs2071474	5.98	5.71	-0.113	1.88	-10.61	0.2675	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs2071473	10.35	9.87	-0.194	3.01	-10.58	0.3375	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2071473	4.29	4.10	0.084	1.32	-7	0.3375	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	Zr.dcToWEIA319F6Rk	rs2071472	6.66	6.36	0.135	1.07	-4.99	0.2675	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs2071472	5.98	5.71	-0.113	1.88	-8.57	0.2675	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2071469	5.31	5.08	0.105	0.77	-4.83	0.3425	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	Zr.dcToWEIA319F6Rk	rs1894406	4.97	4.76	0.099	0.72	-2.55	0.3125	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs2857106	7.45	7.12	0.145	1.9	-5.62	0.1641	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs2857106	4.82	4.61	-0.098	0.76	-2.04	0.1641	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs9784758	3.9	3.74	0.074	0.98	-4.68	0.0725	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241453	7.53	7.19	-0.153	1.24	6.62	0.225	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241453	7.18	6.86	0.136	2.17	3.04	0.225	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241452	7.48	7.14	-0.153	1.24	6.74	0.2236	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241452	6.83	6.53	0.136	2.17	3.16	0.2236	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241448	7.56	7.22	0.154	1.24	7.08	0.2261	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241448	7.08	6.76	-0.135	2.23	3.5	0.2261	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241447	7.53	7.19	-0.154	1.34	7.14	0.2236	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241447	7.02	6.71	0.134	1.93	3.56	0.2236	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241440	8.11	7.74	0.165	1.29	7.75	0.225	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241440	6.49	6.20	-0.123	1.91	4.17	0.225	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs241437	4.92	4.71	0.098	1.23	8.07	0.315	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs241437	3.82	3.66	-0.07	0.83	4.5	0.315	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	Zr.dcToWEIA319F6Rk	rs4576294	4.38	4.19	-0.086	0.38	-8	0.0925	7.935	0.392	7.089	7.671	7.923	8.18	9.028
TAP2	3H5erRMnCGuih_VJ.k	rs9357155	6.95	6.64	0.135	3.11	3.3	0.11	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAP2	3H5erRMnCGuih_VJ.k	rs2071543	5.19	4.97	-0.1	2.59	5.08	0.12	9.879	0.372	8.883	9.625	9.859	10.135	10.944
TAPBPL	QGEV9V CVUScdQVAQQU	rs11569361	3.43	3.28	-0.064	2.26	-7.44	0.2775	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs2041385	9.99	9.53	0.194	4.48	1.04	0.2975	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs2532501	3.84	3.67	0.075	2.71	1.5	0.2975	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs2532497	10.01	9.55	-0.195	4.68	2.96	0.295	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs12964	7.96	7.60	-0.158	3.32	0.73	0.4925	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs1017101	9.77	9.32	0.192	4.06	2.84	0.304	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs2534721	8.61	8.22	-0.173	3.84	8.68	0.29	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs1048402	3.82	3.65	-0.074	2.09	29.71	0.2825	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs1001127	8.57	8.18	-0.17	3.69	30.28	0.294	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TAPBPL	QGEV9V CVUScdQVAQQU	rs7134136	4.02	3.85	-0.079	1.99	38.04	0.2825	9.12	0.347	8.346	8.845	9.111	9.359	10.159
TARP	xAgiQRj3qNUoqgRTgg	rs3778893	5.44	5.20	-0.109	3.21	-45.1	0.2111	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs10226230	3.29	3.15	-0.063	1.2	-29.95	0.4675	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs2240825	4.11	3.93	-0.085	0.66	-10.97	0.4315	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs7782269	4.78	4.57	-0.098	2.05	5.34	0.3575	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs1546833	4.04	3.86	-0.081	1.73	10.44	0.3475	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs1860516	3.91	3.74	0.077	2.82	12.73	0.2375	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TARP	xAgiQRj3qNUoqgRTgg	rs12154478	6.28	6.00	0.125	2.79	16.57	0.0825	8.733	0.499	7.461	8.435	8.734	9.018	11.2
TAS2R5	3pSVfdTRdQh81143RQ	rs917197	7.44	7.10	-0.15	3.38	-22.05	0.4774	7.261	0.095	7.117	7.189	7.247	7.298	7.667
TAS2R5	3pSVfdTRdQh81143RQ	rs2234002	7.4	7.07	0.148	3.76	-11.22	0.4925	7.261	0.095	7.117	7.189	7.247	7.298	7.667
TAS2R5	3pSVfdTRdQh81143RQ	rs2190245	7.48	7.14	-0.15	3.38	-5.92	0.4775	7.261	0.095	7.117	7.189	7.247	7.298	7.667
TAS2R5	3pSVfdTRdQh81143RQ	rs11773137	7.4	7.07	-0.148	3.76	-3.7	0.4925	7.261	0.095	7.117	7.189	7.247	7.298	7.667
TAS2R5	3pSVfdTRdQh81143RQ	rs12669721	7.79	7.44	0.156	3.38	46.57	0.475	7.261	0.095	7.117	7.189	7.247	7.298	7.667

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
TAS2R5	3pSVfdTRdQh81143RQ	rs11765575	4.01	3.84	-0.076	1.44	46.8	0.28	7.261	0.095	7.117	7.189	7.247	7.298	7.667	
TBC1D1	caUj.RiifEueUUuXASs	rs10517469	4.33	4.14	-0.085	1.32	-43.32	0.1325	7.421	0.146	7.125	7.312	7.397	7.523	7.985	
TBC1D7	ZSGY24kKU_H7pEBHuo	rs202054	3.32	3.18	-0.063	1.94	-31.86	0.355	8.226	0.248	7.126	8.099	8.179	8.34	9.283	
TBC1D7	ZSGY24kKU_H7pEBHuo	rs412787	3.5	3.35	0.066	1.96	-24.69	0.3675	8.226	0.248	7.126	8.099	8.179	8.34	9.283	
TBCD	3E_dFxlhtupmjuehis	rs9892064	4.71	4.51	-0.092	2.27	-73.16	0.4325	9.988	0.585	8.798	9.571	9.968	10.376	11.718	
TBCD	3E_dFxlhtupmjuehis	rs2292971	5.49	5.24	-0.108	3.03	-37.2	0.4425	9.988	0.585	8.798	9.571	9.968	10.376	11.718	
TBCD	3E_dFxlhtupmjuehis	rs7215871	3.84	3.68	-0.074	0.36	17.63	0.3442	9.988	0.585	8.798	9.571	9.968	10.376	11.718	
TBKBP1	cfcaYCXIFUQ4NRXnUc	rs11870935	4.6	4.40	-0.092	2.9	-40.02	0.4975	7.321	0.129	7.126	7.224	7.299	7.387	7.882	
TBKBP1	cfcaYCXIFUQ4NRXnUc	rs8078686	3.44	3.30	-0.067	2.85	-36.92	0.4823	7.321	0.129	7.126	7.224	7.299	7.387	7.882	
TBKBP1	cfcaYCXIFUQ4NRXnUc	rs4794053	6.95	6.64	0.141	4.51	-3.08	0.41	7.321	0.129	7.126	7.224	7.299	7.387	7.882	
TBKBP1	cfcaYCXIFUQ4NRXnUc	rs9913503	6.86	6.56	0.142	4.73	3.7	0.4082	7.321	0.129	7.126	7.224	7.299	7.387	7.882	
TBN	c3oHeq3rSou7XSft6l	rs16895221	4.42	4.23	0.088	1.44	-2.45	0.115	7.521	0.157	7.185	7.411	7.509	7.635	7.952	
TBXA2R	Q.Q3ei.uT6i0Vokhio	rs2158935	3.42	3.27	0.069	2.03	5.31	0.445	7.206	0.088	7.11	7.15	7.18	7.225	7.628	Yes
TBXA2R	3qSe1ZFGiCledNx_Zs	rs2158935	3.35	3.21	0.067	0.42	5.31	0.445	7.111	0.018	7.09	7.103	7.107	7.114	7.293	
TBXA2R	Q.Q3ei.uT6i0Vokhio	rs4807492	3.88	3.72	0.078	2.05	15.88	0.395	7.206	0.088	7.11	7.15	7.18	7.225	7.628	Yes
TBXA2R	Q.Q3ei.uT6i0Vokhio	rs2271875	4.86	4.65	0.1	2.48	20.26	0.375	7.206	0.088	7.11	7.15	7.18	7.225	7.628	Yes
TBXA2R	3qSe1ZFGiCledNx_Zs	rs2271875	3.55	3.40	0.07	0.23	20.26	0.375	7.111	0.018	7.09	7.103	7.107	7.114	7.293	
TBXA2R	Q.Q3ei.uT6i0Vokhio	rs4807493	3.71	3.55	-0.073	2.68	24.38	0.22	7.206	0.088	7.11	7.15	7.18	7.225	7.628	Yes
TCF7	ZLUKSIKKUJQU0UJV0	rs244689	3.36	3.22	0.062	1.56	-28.5	0.145	8.871	0.569	7.177	8.516	8.827	9.212	10.956	
TCFL5	0VX7Th3i0bnns_Qbko	rs2294996	5.53	5.29	-0.104	2.57	-4.33	0.2875	8.986	0.237	8.242	8.818	8.975	9.139	9.765	
TCFL5	0VX7Th3i0bnns_Qbko	rs6010770	6.54	6.25	0.124	1.43	1.11	0.0975	8.986	0.237	8.242	8.818	8.975	9.139	9.765	
TCOF1	ECCBU1dUeFSnleCtc	rs15251	3.32	3.18	0.067	1.06	-3.64	0.2575	7.143	0.059	7.097	7.113	7.126	7.15	7.579	
TCTEX1D2	9lrgos9On3Z796jnhE	rs4916425	4.11	3.93	-0.08	1.06	6.62	0.3325	9.563	0.265	8.682	9.385	9.596	9.737	10.233	
TDRKH	mSV6B65xSL1sqBfx0	rs6696250	11.84	11.29	0.231	6.52	-48.77	0.4825	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs12758387	12.8	12.21	-0.253	5.19	-36.84	0.4673	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs2017850	9.15	8.73	0.185	4.07	-28.76	0.3618	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs8480	12.28	11.71	-0.241	5.06	-10.7	0.4675	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs7007	5.21	4.98	-0.102	2.26	-8.46	0.17	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs12066445	4.67	4.47	-0.091	1.77	-3.62	0.305	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs1123855	18.82	17.93	-0.352	6.29	3	0.485	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs1781421	18.82	17.93	-0.352	6.29	3.69	0.485	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs4845579	5.17	4.94	0.101	2.16	7.14	0.1775	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs9826	4.93	4.71	-0.099	1.67	15.9	0.3056	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs3828057	7.39	7.06	-0.148	2.56	17.18	0.47	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TDRKH	mSV6B65xSL1sqBfx0	rs7540530	3.92	3.75	0.075	2.2	27.86	0.485	7.526	0.191	7.152	7.396	7.511	7.659	8.276	
TEF	QjuMi7uqd7tfv6iek8	rs5751080	4.68	4.48	0.089	1.07	-41.7	0.275	8.266	0.357	7.473	8.001	8.243	8.529	9.32	
TEF	QjuMi7uqd7tfv6iek8	rs5758314	4.81	4.60	-0.092	1.58	-15.44	0.2675	8.266	0.357	7.473	8.001	8.243	8.529	9.32	
TEF	QjuMi7uqd7tfv6iek8	rs132902	5.77	5.51	0.112	1.77	2.43	0.225	8.266	0.357	7.473	8.001	8.243	8.529	9.32	
TEF	QjuMi7uqd7tfv6iek8	rs132905	5.68	5.43	0.111	1.64	3.78	0.2325	8.266	0.357	7.473	8.001	8.243	8.529	9.32	
TEF	QjuMi7uqd7tfv6iek8	rs202654	5.25	5.02	0.102	1.59	45.7	0.2211	8.266	0.357	7.473	8.001	8.243	8.529	9.32	
TEPP	lehZxoSCVeX9h1eBH8	rs152141	6.19	5.91	-0.122	2.74	-27.3	0.18	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs17821448	5.62	5.38	-0.108	1.06	-13.41	0.4975	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs12929493	6	5.74	-0.117	0.86	-10.82	0.4648	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs11644617	8.68	8.28	-0.17	2.96	-9.62	0.17	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs2405130	6.17	5.90	-0.121	0.39	-8.41	0.33	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs9934227	8.86	8.46	-0.174	3.59	-1.96	0.1633	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs2405128	8.53	8.14	-0.167	3.16	-1.19	0.1633	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs8055820	9.47	9.04	-0.185	3.9	2.99	0.34	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs9083	5.86	5.61	-0.115	1.84	7.51	0.4372	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs1428814	8.77	8.38	-0.17	3.25	28.22	0.2475	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs11648508	7.05	6.74	0.136	3.13	42.16	0.31	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TEPP	lehZxoSCVeX9h1eBH8	rs4784887	5.29	5.06	-0.1	3.32	44.27	0.285	7.342	0.141	7.118	7.225	7.329	7.438	7.827	
TFCP2	i4K3kIF4dt4e7uii1	rs3759406	6.6	6.31	-0.132	3.46	-46.87	0.165	9.302	0.215	8.636	9.173	9.322	9.442	9.735	
TFCP2	i4K3kIF4dt4e7uii1	rs6580783	4.57	4.37	-0.091	0.17	-44.9	0.0812	9.302	0.215	8.636	9.173	9.322	9.442	9.735	
TFCP2	i4K3kIF4dt4e7uii1	rs4768959	4.32	4.13	0.084	0	-42.96	0.0825	9.302	0.215	8.636	9.173	9.322	9.442	9.735	
TFCP2	i4K3kIF4dt4e7uii1	rs10099	3.54	3.39	0.068	0.79	-0.74	0.235	9.302	0.215	8.636	9.173	9.322	9.442	9.735	
TFCP2	i4K3kIF4dt4e7uii1	rs2359189	4.79	4.58	-0.095	0.85	3.89	0.1075	9.302	0.215	8.636	9.173	9.322	9.442	9.735	
TGFB11	uSAaVJSFwFRGVEC6Pk	rs11643752	3.61	3.46	0.07	2.55	-32.83	0.4275	7.19	0.083	7.107	7.14	7.164	7.211	7.728	
TGFB11	uSAaVJSFwFRGVEC6Pk	rs11150624	4.5	4.31	-0.089	2.9	-8.07	0.45	7.19	0.083	7.107	7.14	7.164	7.211	7.728	
TGFB11	uSAaVJSFwFRGVEC6Pk	rs11646911	4.5	4.31	-0.089	2.69	-0.91	0.45	7.19	0.083	7.107	7.14	7.164	7.211	7.728	
TGFB11	uSAaVJSFwFRGVEC6Pk	rs9934336	3.59	3.44	-0.067	2	6.59	0.2663	7.19	0.083	7.107	7.14	7.164	7.211	7.728	
TGFB3	ot9VR9V1CFe70.rvXo	rs8011635	3.96	3.79	-0.071	1.39	17.34	0.3518	7.593	0.229	7.182	7.426	7.573	7.712	9.019	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association	association		association				Standard	25th	Median	75th	Maximum		
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum		
TGFBFR1	iE58qu6i9T6pOOhe3E	rs10819634	4.03	3.86	-0.079	2.16	-7.34	0.1725	7.486	0.13	7.185	7.404	7.473	7.558	8.308	Yes
TGFBFR1	iE58qu6i9T6pOOhe3E	rs2026811	4.19	4.01	0.081	2.18	11.85	0.1975	7.486	0.13	7.185	7.404	7.473	7.558	8.308	Yes
TGFBFR1	iE58qu6i9T6pOOhe3E	rs1571590	3.46	3.32	-0.066	2.33	16.4	0.185	7.486	0.13	7.185	7.404	7.473	7.558	8.308	Yes
TGFBFR1	iE58qu6i9T6pOOhe3E	rs401186	4.19	4.01	-0.081	2.12	8.6	0.1975	7.486	0.13	7.185	7.404	7.473	7.558	8.308	Yes
TGM2	3ded.cTh6l1fqqeg_o	rs6023527	4.97	4.75	-0.101	1.64	-10.1	0.135	7.261	0.118	7.119	7.187	7.237	7.296	8.089	
THEM4	xhQpT3XgLnKgonrRl0	rs6587625	3.3	3.16	-0.06	3.23	-25.74	0.1725	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs4845624	4.19	4.01	-0.078	2.32	-18.25	0.2725	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs13320	9.46	9.03	0.18	3.45	0.46	0.3775	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs10788819	3.93	3.76	0.074	2.33	12.98	0.23	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs3007711	7.65	7.31	0.15	3.43	15.26	0.3625	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs3007685	7.65	7.31	-0.15	3.43	15.92	0.3625	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THEM4	xhQpT3XgLnKgonrRl0	rs10494270	5.22	4.99	-0.1	3.39	25.06	0.285	8.168	0.451	7.137	7.833	8.227	8.473	9.511	
THRA	xF56b2JHG0FFkBEE9Y	rs3744805	3.54	3.39	0.069	0.99	2.06	0.1327	7.729	0.26	7.12	7.564	7.701	7.844	8.835	
TIFA	0q.Eli0Vp_D58S7st0	rs4834244	7.08	6.76	0.137	1.66	-46.22	0.49	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs10026870	4.22	4.03	0.08	1.42	-22.08	0.295	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs6836717	7.14	6.82	-0.138	1.7	-2.11	0.4925	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs6533603	3.34	3.20	-0.062	0.34	13.74	0.4975	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs7658770	4.73	4.50	-0.092	1.64	33.08	0.3225	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs6810537	5.19	4.96	0.103	1.95	36.21	0.3467	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs1544383	4.95	4.73	-0.097	2.05	37.41	0.3425	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIFA	0q.Eli0Vp_D58S7st0	rs4834259	5.75	5.50	-0.113	2.19	37.92	0.335	7.748	0.168	7.134	7.649	7.751	7.849	8.159	
TIGD2	9uvYd2iS4dCe0rnh4Q	rs8180333	4.53	4.33	0.084	0.85	-48.48	0.11	7.945	0.162	7.553	7.831	7.937	8.056	8.397	
TIGD2	9uvYd2iS4dCe0rnh4Q	rs938265	4.53	4.33	-0.084	0.85	-40.3	0.11	7.945	0.162	7.553	7.831	7.937	8.056	8.397	
TIGD2	9uvYd2iS4dCe0rnh4Q	rs7657630	4.53	4.33	0.084	0.85	-6.55	0.11	7.945	0.162	7.553	7.831	7.937	8.056	8.397	
TIMM10	T1aLrJnt164KLP7RHo	rs2955849	4.76	4.55	-0.096	1.46	-46.81	0.4025	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs2729384	26.61	25.35	-0.461	4.94	-37.32	0.2225	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs2729385	3.64	3.49	-0.07	1.99	-32.94	0.3175	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs4939148	4.76	4.55	0.096	2.26	-4.97	0.3593	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs514385	9.41	8.98	0.189	3.56	7.8	0.4275	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs2729368	9.45	9.02	0.192	3.65	17.43	0.4271	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs5847	15.49	14.77	-0.295	4.19	21.12	0.445	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM10	T1aLrJnt164KLP7RHo	rs2848624	9.13	8.71	-0.185	3.26	29.23	0.415	9.355	0.53	7.568	9.117	9.475	9.72	10.497	
TIMM22	f2eKp70UU1291KiCgs	rs2663342	3.8	3.64	0.074	2.89	5.89	0.465	10.032	0.326	9.218	9.802	10.031	10.228	10.954	
TIMM22	f2eKp70UU1291KiCgs	rs11247574	7.13	6.81	0.143	2.87	18.51	0.2125	10.032	0.326	9.218	9.802	10.031	10.228	10.954	
TIMM22	f2eKp70UU1291KiCgs	rs12602332	3.29	3.15	-0.061	0.53	46.01	0.1225	10.032	0.326	9.218	9.802	10.031	10.228	10.954	
TIPRL	WW0_dAdzLs_eiUMpKs	rs12742613	8.6	8.21	0.177	4.49	-21.88	0.2337	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	WW0_dAdzLs_eiUMpKs	rs4657739	10.35	9.87	0.209	4.4	-5.68	0.24	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	WW0_dAdzLs_eiUMpKs	rs1320993	11.72	11.18	-0.234	3.99	6.43	0.25	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	WW0_dAdzLs_eiUMpKs	rs2294253	12.28	11.72	0.246	4.61	8.46	0.345	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	lIpe54luklCSHoq4Ec	rs2294253	3.77	3.61	-0.069	1.57	-5.01	0.345	8.944	0.292	7.937	8.785	8.977	9.161	9.538	
TIPRL	WW0_dAdzLs_eiUMpKs	rs2235207	14.82	14.13	0.291	5.48	11.09	0.38	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	lIpe54luklCSHoq4Ec	rs2235207	5.7	5.45	-0.108	2.13	-2.37	0.38	8.944	0.292	7.937	8.785	8.977	9.161	9.538	
TIPRL	WW0_dAdzLs_eiUMpKs	rs1040404	14.82	14.13	-0.291	5.48	-11.46	0.38	8.373	0.436	7.174	8.08	8.411	8.686	9.374	
TIPRL	lIpe54luklCSHoq4Ec	rs1040404	5.7	5.45	0.108	2.13	-1.74	0.38	8.944	0.292	7.937	8.785	8.977	9.161	9.538	
TJAP1	iI6VUDUF_nch7x3wn8	rs1214748	3.55	3.40	-0.068	1.61	-26.62	0.275	10.645	0.282	9.577	10.457	10.666	10.854	11.416	
TJAP1	iI6VUDUF_nch7x3wn8	rs1674850	3.39	3.24	-0.065	1	-17.46	0.27	10.645	0.282	9.577	10.457	10.666	10.854	11.416	
TM2D1	Zfo6_okjYxfXn_o	rs4915769	3.8	3.64	0.071	0.9	-39.16	0.1075	9.059	0.302	8.095	8.88	9.11	9.286	9.59	
TM2D3	xwKNaiQRkT0Sy9UqSQ	rs2053701	3.72	3.56	0.072	2.57	12.82	0.2925	7.622	0.223	7.116	7.483	7.584	7.724	8.31	
TM7SF3	WVfgELd0XiXtwH9oql	rs1098528	3.36	3.22	0.064	0.95	-27.92	0.3825	9.29	0.267	8.401	9.13	9.266	9.454	10.025	
TM7SF3	WVfgELd0XiXtwH9oql	rs6487582	5.42	5.18	0.118	1.23	-10.73	0.1457	9.29	0.267	8.401	9.13	9.266	9.454	10.025	
TM7SF3	WVfgELd0XiXtwH9oql	rs15556	3.34	3.20	0.065	2	-1.47	0.2045	9.29	0.267	8.401	9.13	9.266	9.454	10.025	
TMBIM4	NovrJZ5KJX3.e6PTQ	rs1168765	3.41	3.26	0.065	2	-18.08	0.415	12.184	0.217	11.416	12.065	12.218	12.336	12.611	
TMBIM4	NovrJZ5KJX3.e6PTQ	rs11176060	3.76	3.60	-0.075	2.24	10.11	0.4086	12.184	0.217	11.416	12.065	12.218	12.336	12.611	
TMBIM4	NovrJZ5KJX3.e6PTQ	rs8793	3.6	3.45	0.07	1.96	14.91	0.4025	12.184	0.217	11.416	12.065	12.218	12.336	12.611	
TMC4	3kIRtWf0hVVKPsJcrQ	rs641738	3.51	3.36	-0.069	0.69	-0.09	0.3985	7.203	0.094	7.108	7.145	7.176	7.225	7.987	
TMC8	B3S6dSpdXSK1UCOHeEQ	rs2871647	17.82	16.99	-0.337	5.46	0.04	0.145	9.27	0.395	8.182	8.964	9.254	9.539	10.664	
TMC8	B3S6dSpdXSK1UCOHeEQ	rs11656744	12.82	12.23	-0.252	4.95	6	0.1925	9.27	0.395	8.182	8.964	9.254	9.539	10.664	
TMCC1	ZRKQDzr1RFQFUDgF6g	rs10804591	3.96	3.79	0.076	3.16	-32.4	0.1975	7.325	0.215	7.109	7.153	7.241	7.468	7.976	Yes
TMCC1	ZRKQDzr1RFQFUDgF6g	rs1136553	14.66	13.98	0.284	6.4	0.33	0.095	7.325	0.215	7.109	7.153	7.241	7.468	7.976	Yes
TMCC1	ZRKQDzr1RFQFUDgF6g	rs2811425	6.24	5.97	0.124	3.59	7.96	0.1575	7.325	0.215	7.109	7.153	7.241	7.468	7.976	Yes
TMCC1	ZRKQDzr1RFQFUDgF6g	rs4688772	11.56	11.03	0.228	5.57	25.27	0.11	7.325	0.215	7.109	7.153	7.241	7.468	7.976	Yes
TMCC3	QqQFQl6Aufvq6sJFF4	rs7955502	3.92	3.75	-0.076	1.97	-12.04	0.1525	7.173	0.102	7.102	7.126	7.149	7.174	8.11	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
TMED5	9pUFJ9TDskvFu9FORw	rs2391228	3.36	3.22	0.064	0.48	-10.47	0.2425	10.597	0.455	8.655	10.406	10.701	10.921	11.308	
TMED6	3euthJUjX7zz396jXk	rs153060	5.79	5.54	-0.105	4.96	0.39	0.35	7.201	0.148	7.097	7.121	7.149	7.216	8.492	
TMED6	3euthJUjX7zz396jXk	rs251796	4.48	4.29	-0.08	4.21	9.74	0.33	7.201	0.148	7.097	7.121	7.149	7.216	8.492	
TMED9	uFReUV6gXR73d.SXIU	rs337365	4.97	4.75	0.094	1.77	-15.6	0.49	10.927	0.306	8.99	10.741	10.976	11.121	11.608	
TMED9	uFReUV6gXR73d.SXIU	rs13169820	3.79	3.63	-0.07	0.58	18.66	0.3475	10.927	0.306	8.99	10.741	10.976	11.121	11.608	
TMEM110	rhRYukK6CgkSkRIW6s	rs17331151	5.56	5.32	0.111	0.69	-29.36	0.1055	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM110	rhRYukK6CgkSkRIW6s	rs11626	5.08	4.85	0.099	0.69	0.09	0.165	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM110	rhRYukK6CgkSkRIW6s	rs11130329	6.17	5.90	0.121	0.98	22.96	0.16	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM110	rhRYukK6CgkSkRIW6s	rs3796352	5.64	5.39	0.11	0.76	-18.27	0.1	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM110	rhRYukK6CgkSkRIW6s	rs1986656	6.28	6.00	0.123	1.08	-18.14	0.1375	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM110	rhRYukK6CgkSkRIW6s	rs11922975	3.6	3.45	-0.067	0.92	5.22	0.38	7.319	0.107	7.128	7.238	7.304	7.388	7.747	
TMEM121	3miN519rpd6d.qIA	rs10151805	10.54	10.05	0.211	4.27	-18.17	0.25	7.791	0.256	7.212	7.604	7.761	7.946	8.597	
TMEM121	3miN519rpd6d.qIA	rs4074453	10.27	9.80	0.206	3.83	2	0.2437	7.791	0.256	7.212	7.604	7.761	7.946	8.597	
TMEM136	rU5_iCSmi4oGkngEQY	rs11605781	4.81	4.60	-0.097	1.34	-17.38	0.4675	7.125	0.023	7.095	7.11	7.12	7.133	7.26	
TMEM136	rU5_iCSmi4oGkngEQY	rs7102217	4.53	4.33	0.088	1.29	-8.58	0.385	7.125	0.023	7.095	7.11	7.12	7.133	7.26	
TMEM136	rU5_iCSmi4oGkngEQY	rs11217837	3.63	3.47	0.072	0.9	31.42	0.25	7.125	0.023	7.095	7.11	7.12	7.133	7.26	
TMEM149	3ZCM6ni55etRf5c9ng	rs8106959	8.95	8.54	-0.182	2.54	-10.63	0.175	10.506	0.523	8.589	10.162	10.506	10.908	11.684	
TMEM149	3ZCM6ni55etRf5c9ng	rs2871921	12.78	12.19	-0.26	3.21	-0.93	0.1533	10.506	0.523	8.589	10.162	10.506	10.908	11.684	
TMEM149	3ZCM6ni55etRf5c9ng	rs2291067	10.32	9.84	0.206	2.75	40.18	0.1775	10.506	0.523	8.589	10.162	10.506	10.908	11.684	
TMEM149	3ZCM6ni55etRf5c9ng	rs501948	3.82	3.64	-0.075	1.16	31.64	0.2075	10.383	0.4	7.911	10.235	10.49	10.616	11.082	
TMEM156	BYM1WpC_hYf4IMdII	rs2711943	4.52	4.33	0.079	2.54	28.39	0.2175	7.936	0.273	7.143	7.757	7.941	8.09	8.929	
TMEM156	BYM1WpC_hYf4IMdII	rs891434	4.52	4.33	0.079	2.44	36.59	0.2175	7.936	0.273	7.143	7.757	7.941	8.09	8.929	
TMEM156	BYM1WpC_hYf4IMdII	rs2566134	4.52	4.33	-0.079	2.44	40.25	0.2175	7.936	0.273	7.143	7.757	7.941	8.09	8.929	
TMEM159	HSSIDmOvQsDleVQs5I	rs7185682	3.31	3.17	-0.061	0.81	-4.78	0.39	8.612	0.343	7.749	8.365	8.605	8.863	9.67	
TMEM165	xFvuS6rcU5D.f0keFU	rs11133375	3.95	3.78	0.075	1.4	-37	0.4975	8.429	0.241	7.642	8.293	8.414	8.583	9.051	
TMEM16C	T19NHvhLAX4SVku7w	rs2349814	4.86	4.65	0.095	0.39	28.02	0.105	7.11	0.014	7.094	7.104	7.108	7.112	7.223	
TMEM176A	EJJIH5U9FvFVtXnWfQ	rs7806458	9.8	9.35	0.193	3.5	-20.97	0.3528	7.639	0.626	7.107	7.192	7.384	7.876	10.198	
TMEM180	6dd55KvNvUURpdwI78	rs11191293	5.46	5.22	-0.11	2.06	0.37	0.485	7.79	0.167	7.356	7.686	7.775	7.862	8.59	
TMEM201	WSV5UoKBE4V97e4e_c	rs10779727	3.84	3.68	-0.078	2.25	12.85	0.185	7.305	0.105	7.117	7.233	7.294	7.358	7.849	
TMEM201	WSV5UoKBE4V97e4e_c	rs4076986	3.85	3.68	0.077	2.44	23.5	0.2275	7.305	0.105	7.117	7.233	7.294	7.358	7.849	
TMEM25	fXoo62USKTD0En8gqQ	rs572126	20.86	19.87	0.396	3.63	-42.76	0.1675	7.39	0.283	7.107	7.194	7.262	7.521	8.354	
TMEM25	fXoo62USKTD0En8gqQ	rs537975	20.86	19.87	0.396	3.63	-39.05	0.1675	7.39	0.283	7.107	7.194	7.262	7.521	8.354	
TMEM25	fXoo62USKTD0En8gqQ	rs11552421	58.99	56.15	0.746	5.66	23.97	0.1375	7.39	0.283	7.107	7.194	7.262	7.521	8.354	
TMEM30A	uq0uDmvSXnF3Xt9MgU	rs240366	4.36	4.17	0.086	0.92	-47.28	0.075	9.914	0.337	8.953	9.662	9.88	10.189	10.827	
TMEM30A	uq0uDmvSXnF3Xt9MgU	rs240408	4.36	4.17	0.086	0.92	-25.36	0.075	9.914	0.337	8.953	9.662	9.88	10.189	10.827	
TMEM30A	uq0uDmvSXnF3Xt9MgU	rs431116	4.36	4.17	0.086	0.92	-16.22	0.075	9.914	0.337	8.953	9.662	9.88	10.189	10.827	
TMEM30A	uq0uDmvSXnF3Xt9MgU	rs240399	3.98	3.81	-0.078	0.92	-13.9	0.08	9.914	0.337	8.953	9.662	9.88	10.189	10.827	
TMEM4	cUR6fjo0VUoqgDrpDk	rs773652	3.58	3.43	0.07	0.17	-29.45	0.05	10.762	0.209	10.111	10.631	10.754	10.869	11.439	
TMEM4	cUR6fjo0VUoqgDrpDk	rs2643626	3.58	3.43	0.07	0.17	16.4	0.05	10.762	0.209	10.111	10.631	10.754	10.869	11.439	
TMEM4	cUR6fjo0VUoqgDrpDk	rs2066808	3.57	3.42	0.071	0.17	27.85	0.0503	10.762	0.209	10.111	10.631	10.754	10.869	11.439	
TMEM41B	rRCEJN7rmikJKcHKI	rs7936622	4.43	4.24	-0.089	1.57	-18.75	0.215	10.475	0.341	9.431	10.268	10.484	10.681	11.891	Yes
TMEM45B	3SIIIT7LxNS7jq54ik	rs10894155	4.22	4.03	-0.08	1.29	-12.66	0.2375	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM45B	3SIIIT7LxNS7jq54ik	rs7114881	3.52	3.37	-0.064	1.73	-6.17	0.495	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM45B	3SIIIT7LxNS7jq54ik	rs3817614	5.69	5.44	0.11	1.33	5.78	0.3575	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM45B	3SIIIT7LxNS7jq54ik	rs2303663	5.29	5.05	-0.102	1.33	24	0.3643	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM45B	3SIIIT7LxNS7jq54ik	rs3734078	6.33	6.05	0.125	0.72	42.12	0.275	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM45B	3SIIIT7LxNS7jq54ik	rs1650817	3.78	3.62	-0.071	0.17	43.63	0.4475	7.523	0.301	7.111	7.286	7.463	7.681	8.616	
TMEM50B	W17XLAOpC1dxVUV0Xo	rs2834215	8.37	7.99	0.171	4.78	-7.91	0.4823	8.383	0.445	7.455	8.083	8.341	8.656	10.966	
TMEM50B	W17XLAOpC1dxVUV0Xo	rs8130924	3.86	3.70	-0.076	2.46	-3.92	0.2803	8.383	0.445	7.455	8.083	8.341	8.656	10.966	
TMEM50B	W17XLAOpC1dxVUV0Xo	rs1532	4.04	3.87	0.079	2.63	0.17	0.2825	8.383	0.445	7.455	8.083	8.341	8.656	10.966	
TMEM50B	W17XLAOpC1dxVUV0Xo	rs1059293	8.67	8.28	-0.176	4.59	4.9	0.485	8.383	0.445	7.455	8.083	8.341	8.656	10.966	
TMEM50B	W17XLAOpC1dxVUV0Xo	rs8131980	4.04	3.87	-0.079	2.63	5.21	0.2825	8.383	0.445	7.455	8.083	8.341	8.656	10.966	
TMEM54	HnQ6FdqhULqn9BXdvQ	rs7545739	3.5	3.36	-0.071	1.43	48.51	0.085	7.174	0.04	7.111	7.149	7.163	7.192	7.349	
TMEM56	I97_QDfV4veBUkU0sU	rs6671200	4.04	3.87	-0.076	1.15	38.66	0.096	7.113	0.013	7.095	7.106	7.111	7.117	7.221	
TMEM71	I4dCp7171f1FVRH65s	rs6471091	7.04	6.73	-0.15	5.78	-24.18	0.4874	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM71	I4dCp7171f1FVRH65s	rs10097529	4.98	4.76	-0.102	3.14	-17.48	0.165	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM71	I4dCp7171f1FVRH65s	rs2280871	9.62	9.18	0.197	5.52	0.48	0.1575	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM71	I4dCp7171f1FVRH65s	rs10110952	9.44	9.01	0.204	5.94	3.53	0.4975	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM71	I4dCp7171f1FVRH65s	rs7011665	9.46	9.03	-0.202	6.13	6.79	0.4975	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM71	I4dCp7171f1FVRH65s	rs10283307	9.2	8.78	0.192	4.95	15.61	0.1475	11.048	0.327	10.196	10.811	11.082	11.263	12.082	
TMEM77	3gLIx09O6nfU6fC75U	rs11102208	3.59	3.43	-0.068	1.17	-49.22	0.4175	9.134	0.231	8.549	8.979	9.142	9.278	9.746	
TMEM77	3gLIx09O6nfU6fC75U	rs11102212	6.49	6.20	0.132	1.62	-17.93	0.304	9.134	0.231	8.549	8.979	9.142	9.278	9.746	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)			Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
TMEM77	3gLIx09O6nfU6fC75U	rs3762374	8.03	7.67	0.162	2.19	-0.6	0.3225	9.134	0.231	8.549	8.979	9.142	9.278	9.746
TMEM77	3gLIx09O6nfU6fC75U	rs325923	4.55	4.35	0.088	2.34	8.8	0.35	9.134	0.231	8.549	8.979	9.142	9.278	9.746
TMEM77	3gLIx09O6nfU6fC75U	rs12745827	6.08	5.81	-0.119	0.83	17.29	0.1925	9.134	0.231	8.549	8.979	9.142	9.278	9.746
TMEM77	3gLIx09O6nfU6fC75U	rs3818797	8.53	8.14	-0.173	2.26	45.9	0.32	9.134	0.231	8.549	8.979	9.142	9.278	9.746
TMEM8	cpd7qTZtCRdTjhyYQc	rs3916990	13.49	12.86	-0.258	5.7	-49.26	0.3925	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs11648673	7.85	7.50	0.156	3.42	-44.06	0.2839	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs12719801	4.11	3.93	-0.078	2.73	-40.72	0.33	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs370681	4.29	4.11	-0.083	1.66	-29.4	0.42	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs17136255	3.34	3.20	-0.065	1.87	-21.38	0.1925	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs11860497	10.23	9.77	-0.202	5.03	-16.44	0.407	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs1802752	10.07	9.61	0.204	6.26	-2.7	0.165	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs2071915	16.22	15.46	0.315	6.9	4.57	0.4235	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs743961	4.28	4.10	0.081	3.1	-1.9	0.125	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM8	cpd7qTZtCRdTjhyYQc	rs1573736	4.55	4.35	-0.092	2.34	0.84	0.304	9.425	0.715	7.86	8.97	9.414	9.912	11.46
TMEM97	TnRCUz6Vjy6x7eHRu4	rs2006933	5.33	5.09	0.108	2.61	-45.35	0.2337	8.617	0.269	7.196	8.454	8.598	8.792	9.319
TMEM97	TnRCUz6Vjy6x7eHRu4	rs11080055	9.5	9.07	0.195	5.03	3.24	0.49	8.617	0.269	7.196	8.454	8.598	8.792	9.319
TMEM97	TnRCUz6Vjy6x7eHRu4	rs3093680	9.21	8.79	-0.189	4.99	9.55	0.42	8.617	0.269	7.196	8.454	8.598	8.792	9.319
TMEM97	TnRCUz6Vjy6x7eHRu4	rs3093720	7.58	7.24	0.152	4.19	10.52	0.145	8.617	0.269	7.196	8.454	8.598	8.792	9.319
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs1475545	4.19	4.01	-0.08	2.75	29.79	0.4646	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs6478262	4.05	3.87	-0.077	1.88	32.84	0.22	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs10982745	3.79	3.63	-0.072	1.38	37.65	0.2225	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs1536950	3.68	3.53	0.067	1.19	-29.76	0.24	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs2031999	8.85	8.45	-0.169	3.92	-29.37	0.4625	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs2149986	7.07	6.75	0.137	4.13	-28.94	0.4192	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs913912	12.66	12.07	0.235	7.02	-22.49	0.3869	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs2805792	7.1	6.78	-0.133	2.84	-9.73	0.1575	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs2805787	7.45	7.12	-0.14	3	-6.87	0.16	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMOD1	oJVkUuv0O_l_e7rv0Lk	rs2773347	5.76	5.50	-0.112	1.48	24.67	0.3434	7.489	0.211	7.115	7.366	7.471	7.597	8.894
TMPRSS3	osQIAinqQ4TZxgnpY	rs2277798	4.71	4.50	0.09	2.63	7.91	0.3775	7.206	0.078	7.111	7.16	7.186	7.226	7.623
TMPRSS3	HxN6t3O695J31.v0lo	rs2277798	3.77	3.61	0.07	2.14	7.91	0.3775	7.3	0.137	7.109	7.191	7.278	7.382	7.753
TMPRSS3	osQIAinqQ4TZxgnpY	rs2839509	4.07	3.89	0.075	1.8	30.53	0.27	7.206	0.078	7.111	7.16	7.186	7.226	7.623
TMTC4	QQ_AvQIOfyklkpJdE0	rs1055705	8.08	7.72	-0.161	0.86	-17.37	0.335	7.906	0.186	7.212	7.786	7.905	8.016	8.864
TMTC4	QQ_AvQIOfyklkpJdE0	rs9513774	4.8	4.59	0.096	0.34	-17.07	0.3568	7.906	0.186	7.212	7.786	7.905	8.016	8.864
TMTC4	QQ_AvQIOfyklkpJdE0	rs946837	8.88	8.48	0.179	0.9	-7.15	0.3325	7.906	0.186	7.212	7.786	7.905	8.016	8.864
TMTC4	QQ_AvQIOfyklkpJdE0	rs9557470	3.34	3.20	0.064	0.26	2.26	0.295	7.906	0.186	7.212	7.786	7.905	8.016	8.864
TMTC4	QQ_AvQIOfyklkpJdE0	rs945962	8.81	8.41	0.179	0.92	23.65	0.3333	7.906	0.186	7.212	7.786	7.905	8.016	8.864
TMTC4	QQ_AvQIOfyklkpJdE0	rs9518128	4.62	4.42	-0.092	0.21	26.76	0.4325	7.906	0.186	7.212	7.786	7.905	8.016	8.864
NFRSF10B	B8p.nM1UpQMk7hEoSU	rs12545375	3.32	3.18	-0.065	1.25	25.13	0.0525	9.808	0.358	7.119	9.689	9.812	9.939	10.823
TNFRSF14	rJQp6Hq_nku678ujFE	rs6667605	7.15	6.83	0.141	2.16	6.03	0.48	13.086	0.344	12.3	12.856	13.025	13.258	14.348
TNFRSF14	rJQp6Hq_nku678ujFE	rs734999	7.76	7.41	0.155	3.15	16.46	0.4625	13.086	0.344	12.3	12.856	13.025	13.258	14.348
TNFRSF14	rJQp6Hq_nku678ujFE	rs3748816	4.49	4.30	0.086	1.13	29.99	0.3425	13.086	0.344	12.3	12.856	13.025	13.258	14.348
TNFSF12	ER7He6kKORUghVHOpE	rs4968210	4.28	4.10	0.087	1.7	-3.86	0.4125	10.067	0.256	9.428	9.901	10.075	10.234	10.644
TNFSF13B	rpB1LSBJDCblvSrUg	rs9514831	3.53	3.38	-0.064	1.02	14.21	0.2225	9.348	0.715	7.259	8.802	9.276	9.81	11.504
TNFSF13B	rpB1LSBJDCblvSrUg	rs1224174	3.46	3.32	0.063	0.88	19.68	0.215	9.348	0.715	7.259	8.802	9.276	9.81	11.504
TNFSF8	Kre3goJBlguqDUi5yk	rs2295800	4.59	4.39	0.087	3.5	-0.91	0.4325	8.537	0.463	7.198	8.222	8.526	8.841	9.69
TNFSF8	Kre3goJBlguqDUi5yk	rs3181348	5.08	4.86	0.097	3.86	1.41	0.4125	8.537	0.463	7.198	8.222	8.526	8.841	9.69
TNIK	HW5jeigsC7.04V0Eg	rs12486818	3.3	3.16	0.062	1.75	13.53	0.095	8.27	0.331	7.109	8.095	8.256	8.477	9.104
TNNT1	ihLpF6gl6i7_1Tayfg	rs7248997	4.85	4.64	0.094	2.91	20.17	0.345	7.516	0.491	7.124	7.212	7.318	7.627	9.856
TNNT1	ihLpF6gl6i7_1Tayfg	rs6509931	4.19	4.01	0.08	1.17	21.26	0.09	7.516	0.491	7.124	7.212	7.318	7.627	9.856
TNNT1	ihLpF6gl6i7_1Tayfg	rs6509933	4.18	4.00	-0.079	2.5	22.53	0.4	7.516	0.491	7.124	7.212	7.318	7.627	9.856
TNNT1	ihLpF6gl6i7_1Tayfg	rs2288419	6.17	5.89	-0.121	2.47	32.67	0.2175	7.516	0.491	7.124	7.212	7.318	7.627	9.856
TNRC6A	BloWNONHoOuep7agcE	rs200528	4.06	3.88	0.076	1.37	17.56	0.205	7.378	0.152	7.122	7.287	7.349	7.433	8.258
TNRC6A	BloWNONHoOuep7agcE	rs11862971	4.06	3.88	0.076	1.21	26	0.205	7.378	0.152	7.122	7.287	7.349	7.433	8.258
TNRC6A	BloWNONHoOuep7agcE	rs3803716	4	3.83	-0.075	1.66	-32.8	0.2035	7.378	0.152	7.122	7.287	7.349	7.433	8.258
TNRC6A	BloWNONHoOuep7agcE	rs2112783	3.82	3.66	0.071	1.37	-22.62	0.2025	7.378	0.152	7.122	7.287	7.349	7.433	8.258
TNRC6A	BloWNONHoOuep7agcE	rs1862450	3.9	3.73	0.073	1.3	21.65	0.205	7.378	0.152	7.122	7.287	7.349	7.433	8.258
TOR1B	9K1yu4XJFFF7pJFqc	rs3844048	3.3	3.16	0.062	0.75	-43.16	0.255	8.77	0.221	8.244	8.635	8.751	8.889	9.617
TOR1B	9K1yu4XJFFF7pJFqc	rs17418275	3.79	3.63	-0.075	0.02	-28.39	0.05	8.77	0.221	8.244	8.635	8.751	8.889	9.617
TOR1B	9K1yu4XJFFF7pJFqc	rs16931454	4.82	4.61	-0.097	0.44	-15.45	0.0628	8.77	0.221	8.244	8.635	8.751	8.889	9.617
TOR1B	9K1yu4XJFFF7pJFqc	rs10116248	3.45	3.30	0.067	0.78	3.07	0.2275	8.77	0.221	8.244	8.635	8.751	8.889	9.617
TOR1B	9K1yu4XJFFF7pJFqc	rs2287367	3.76	3.61	0.074	0.93	-0.77	0.225	8.77	0.221	8.244	8.635	8.751	8.889	9.617
TOR1B	9K1yu4XJFFF7pJFqc	rs2296793	4.55	4.36	-0.092	1.28	11.5	0.195	8.77	0.221	8.244	8.635	8.751	8.889	9.617

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	25th percentile	Median	75th percentile	Maximum		
TPCN2	KFTfWqT0rjnr_E4	rs896978	8.95	8.54	0.172	1.88	12.56	0.3175	8.326	0.354	7.559	8.091	8.298	8.505	9.475	
TPCN2	KFTfWqT0rjnr_E4	rs3750965	9.55	9.11	-0.183	1.89	-15.83	0.3325	8.326	0.354	7.559	8.091	8.298	8.505	9.475	
TPCN2	KFTfWqT0rjnr_E4	rs731974	9.55	9.11	-0.183	1.95	-8.8	0.3325	8.326	0.354	7.559	8.091	8.298	8.505	9.475	
TPD52	Z5U_KAqkLU85B93UBU	rs12679499	4.65	4.44	0.09	0.26	31.96	0.4225	7.347	0.105	7.111	7.284	7.351	7.425	7.605	
TPD52	Z5U_KAqkLU85B93UBU	rs9643749	4.65	4.44	-0.09	0.25	42.35	0.4225	7.347	0.105	7.111	7.284	7.351	7.425	7.605	
TPM2	H0Uhf0UhXnoHQQXuKk	rs2275420	3.63	3.47	0.069	0.39	-21.09	0.1275	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs2297879	4.6	4.40	0.09	2.81	-19.74	0.3	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs1934158	3.31	3.17	-0.062	0.4	-10.36	0.125	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs1243872	4.06	3.88	-0.078	0.19	-3.65	0.4416	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs867194	4.07	3.90	0.08	3.72	15.03	0.2702	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs2295795	11.72	11.18	0.223	3.87	21.95	0.2975	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs2295797	12.02	11.47	0.228	4.11	32.23	0.3065	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPM2	H0Uhf0UhXnoHQQXuKk	rs3763630	7.26	6.94	-0.141	2.53	40.95	0.18	10.268	0.634	8.279	9.952	10.194	10.716	12.336	
TPP2	iTrv98OXRPNpGqO5Xk	rs9518774	3.75	3.59	-0.07	1.47	-49.16	0.3425	8.647	0.302	7.171	8.484	8.673	8.848	9.313	
TPP2	iTrv98OXRPNpGqO5Xk	rs6491694	3.53	3.38	-0.067	1.07	-24.45	0.335	8.647	0.302	7.171	8.484	8.673	8.848	9.313	
TPP2	iTrv98OXRPNpGqO5Xk	rs9514035	3.68	3.53	-0.068	1.21	-20.21	0.4175	8.647	0.302	7.171	8.484	8.673	8.848	9.313	
TPP2	iTrv98OXRPNpGqO5Xk	rs4772492	4.04	3.87	-0.076	1.68	-1.75	0.4365	8.647	0.302	7.171	8.484	8.673	8.848	9.313	
TPST2	rrgUgSRddUfKCduP1l	rs2283824	3.92	3.75	0.076	0.78	2.74	0.3625	9.374	0.337	8.552	9.136	9.36	9.58	10.813	
TRA2A	cmREUEUpNxOpIUHTLo	rs12534005	4.34	4.15	0.087	0.07	-41.88	0.125	9.438	0.44	7.891	9.177	9.463	9.745	10.465	
TRA2A	cmREUEUpNxOpIUHTLo	rs10259241	4.26	4.07	-0.084	0.04	11.41	0.1275	9.438	0.44	7.891	9.177	9.463	9.745	10.465	
TRA2A	cmREUEUpNxOpIUHTLo	rs10246526	3.63	3.48	0.07	0.19	32	0.0859	9.438	0.44	7.891	9.177	9.463	9.745	10.465	
TRAM2	uTeCjgcKeeuV4kHJdK	rs6778	4.4	4.21	-0.089	0.4	0.2	0.2525	8.587	0.219	7.922	8.446	8.576	8.714	9.192	
TRAM2	uTeCjgcKeeuV4kHJdK	rs12194847	3.95	3.79	0.08	0.03	18.98	0.2925	8.587	0.219	7.922	8.446	8.576	8.714	9.192	
TRAP1	0UJZ6iOfUpGZ00lJ4M	rs2072379	5.96	5.70	0.114	2.38	-28.63	0.3274	9.205	0.373	8.495	8.93	9.166	9.455	10.231	
TRAPPC2L	uGHuuqW2l73r5d9eDo	rs3743546	4.35	4.17	-0.081	1.13	-30.09	0.325	10.697	0.31	9.822	10.492	10.687	10.917	11.795	
TRAPPC2L	uGHuuqW2l73r5d9eDo	rs3826061	7.28	6.96	0.145	1.45	-0.3	0.3525	10.697	0.31	9.822	10.492	10.687	10.917	11.795	
TRAPPC2L	uGHuuqW2l73r5d9eDo	rs2272439	4.94	4.73	0.094	1	19.24	0.115	10.697	0.31	9.822	10.492	10.687	10.917	11.795	
TRAPPC2L	uGHuuqW2l73r5d9eDo	rs522145	5.56	5.32	0.112	1.39	36.34	0.175	10.697	0.31	9.822	10.492	10.687	10.917	11.795	
TRAPPC4	N6F6tMp4F7zoVUD3il	rs3916581	5.23	5.00	0.107	1.66	-1.35	0.2714	10.536	0.291	9.721	10.337	10.542	10.741	11.189	Yes
TRAPPC4	N6F6tMp4F7zoVUD3il	rs4938621	4.53	4.33	0.092	0.95	-2.1	0.2563	10.536	0.291	9.721	10.337	10.542	10.741	11.189	Yes
TRAPPC4	N6F6tMp4F7zoVUD3il	rs11006	5.33	5.10	0.107	1.07	0.82	0.255	10.536	0.291	9.721	10.337	10.542	10.741	11.189	Yes
TREML4	ISdeUTjTRc3ulpNn.k	rs9357347	3.62	3.47	-0.067	1.07	-45.47	0.3141	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs9381042	10.68	10.19	0.207	3.64	-24.85	0.1175	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs2253676	7.52	7.18	-0.146	2.47	-14.57	0.1025	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs9367097	3.3	3.17	-0.061	1.09	-10.6	0.3575	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs9349180	15.6	14.88	0.302	5.67	-10.59	0.191	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs986030	16.48	15.72	-0.313	5.96	-5.16	0.1875	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs6921835	15.78	15.04	-0.301	5.74	-0.62	0.1925	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs2101269	16.4	15.64	-0.313	5.9	0.69	0.1884	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs7769759	15.87	15.13	-0.307	5.57	1.8	0.1853	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs9357349	3.54	3.39	-0.064	1.22	4.83	0.355	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs9296359	3.43	3.29	0.062	1.13	-0.43	0.35	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TREML4	ISdeUTjTRc3ulpNn.k	rs1982756	7.82	7.47	-0.152	3.37	-0.35	0.11	7.149	0.076	7.1	7.112	7.121	7.141	7.631	
TRIM14	Z3FyNJunrVfHl598qU	rs3780465	3.48	3.33	-0.067	0.13	24.18	0.1	7.619	0.343	7.139	7.392	7.572	7.75	8.93	
TRIM31	o8kh6BRRkjd7Kq6OIE	rs1150739	4.16	3.98	0.08	0.94	-39.33	0.385	7.181	0.054	7.103	7.14	7.17	7.211	7.398	
TRIM31	o8kh6BRRkjd7Kq6OIE	rs9261301	3.67	3.51	0.071	1.11	-29.11	0.4925	7.181	0.054	7.103	7.14	7.17	7.211	7.398	
TRIM35	ozVNBKk4q944dRNXS4	rs2322602	3.81	3.65	-0.072	3.13	-11.53	0.4475	7.83	0.196	7.17	7.702	7.824	7.955	8.692	
TRIM35	ozVNBKk4q944dRNXS4	rs6557991	3.47	3.32	-0.065	2.81	6.47	0.4525	7.83	0.196	7.17	7.702	7.824	7.955	8.692	
TRIM5	WRQ4OLXyV7l8V2OV8	rs12808061	3.53	3.38	0.065	2.98	5.19	0.0875	8.86	0.388	7.123	8.644	8.864	9.109	10.392	
TRIML2	0dU_ZfUKJ3S17v9Xew	rs6849766	3.48	3.33	-0.067	0.22	-1.91	0.1475	7.108	0.009	7.093	7.102	7.107	7.111	7.154	
TRIML2	0dU_ZfUKJ3S17v9Xew	rs902910	4.11	3.93	-0.081	0.06	-6.06	0.07	7.108	0.009	7.093	7.102	7.107	7.111	7.154	
TRIP11	KlJvF4QS56rNgIX.A	rs10146335	3.32	3.18	-0.063	2.23	-12.55	0.295	9.044	0.248	8.332	8.873	9.043	9.192	9.828	
TRIP11	KlJvF4QS56rNgIX.A	rs1051340	3.66	3.50	0.072	2.07	5.21	0.3036	9.044	0.248	8.332	8.873	9.043	9.192	9.828	
TRIP6	Ev9E_nvELmKlup553U	rs314370	6.09	5.82	0.124	1.47	-11.84	0.1658	8.197	0.296	7.608	7.962	8.194	8.39	9.218	
TRIP6	Ev9E_nvELmKlup553U	rs13245899	6.95	6.68	-0.14	1.68	26.05	0.16	8.197	0.296	7.608	7.962	8.194	8.39	9.218	
TRMT12	WgoqUI6ASlhS4op97o	rs3812475	3.32	3.14	-0.063	3.55	0.19	0.4675	9.333	0.317	7.217	9.144	9.376	9.535	10.057	
TRMT12	WgoqUI6ASlhS4op97o	rs4128468	3.43	3.29	-0.065	3.78	14.57	0.455	9.333	0.317	7.217	9.144	9.376	9.535	10.057	
TRMT12	WgoqUI6ASlhS4op97o	rs3812471	3.54	3.39	0.068	3.84	33.45	0.4575	9.333	0.317	7.217	9.144	9.376	9.535	10.057	
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088659	5.83	5.57	0.114	2.06	-47.6	0.1975	9.488	0.32	8.74	9.251	9.483	9.668	10.387	
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088662	6.77	6.46	0.133	1.51	-42.57	0.2125	9.488	0.32	8.74	9.251	9.483	9.668	10.387	
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6120777	5.29	5.06	0.101	1.96	-30.04	0.1667	9.488	0.32	8.74	9.251	9.483	9.668	10.387	
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6058154	18.92	18.04	-0.344	5.35	-4.37	0.4698	9.488	0.32	8.74	9.251	9.483	9.668	10.387	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association	association		association				Transcript	Standard	25th	Median	75th	
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)	transcript (kb)		Deviation	Minimum	percentile	percentile	percentile	Maximum	
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6060151	6.94	6.63	0.138	2.28	4.02	0.3175	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6120804	6.4	6.11	0.126	2.03	33.49	0.21	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088691	6.11	5.84	-0.124	1.61	43.55	0.2132	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs13042358	19.46	18.54	-0.35	5.31	44.27	0.4725	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs1998233	4.41	4.22	-0.087	2.25	-23.49	0.2375	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs2145557	6.66	6.36	0.132	2.28	-13.06	0.315	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088713	4.39	4.20	-0.088	1.83	13.24	0.2563	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs3746429	6.7	6.40	-0.132	2.28	22.99	0.19	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088721	5.43	5.20	0.11	1.66	25.39	0.3266	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088722	4.19	4.01	-0.084	1.83	25.57	0.2525	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs6088727	6.25	5.98	-0.125	1.84	33.02	0.335	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPC4AP	Ne701CqvdUguKpf1dQ	rs1535466	4.55	4.36	-0.091	2.44	38.09	0.2325	9.488	0.32	8.74	9.251	9.483	9.668	10.387
TRPM2	6XSVxVQv3XeFTSdX18	rs2070572	3.35	3.21	0.063	1.3	-15.58	0.385	7.148	0.045	7.107	7.126	7.134	7.15	7.447
TSGA10	9Gn7IVZiCgrYIK8UUA	rs6542847	6.44	6.16	-0.127	3.48	-40.88	0.455	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	rRSBudFNjdeFilyNjQ	rs6542847	4.33	4.14	-0.081	2.12	-40.88	0.455	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	Z1Pjr_Mup6goCe711E	rs6542847	3.59	3.44	-0.067	1.69	-40.88	0.455	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	rRSBudFNjdeFilyNjQ	rs988825	4.31	4.13	-0.082	0.5	-38.63	0.07	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs988825	3.6	3.45	-0.069	0.44	-38.64	0.07	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	rRSBudFNjdeFilyNjQ	rs9679602	11.51	10.98	-0.22	5.47	-36.52	0.275	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs9679602	7.77	7.42	-0.155	2.64	-36.53	0.275	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs9679602	5.87	5.61	-0.116	3.06	-36.52	0.275	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	rRSBudFNjdeFilyNjQ	rs13396584	9.92	9.47	0.192	5.81	-2.58	0.25	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs13396584	7.15	6.83	0.142	2.79	-2.59	0.25	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs13396584	5.27	5.03	0.103	3.15	-2.58	0.25	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	rRSBudFNjdeFilyNjQ	rs11692699	17.64	16.82	-0.322	5.23	-4.58	0.3325	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs11692699	15.89	15.15	-0.302	4.18	-27.38	0.3325	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs11692699	11.16	10.65	-0.219	5.46	-4.58	0.3325	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	rRSBudFNjdeFilyNjQ	rs6717729	16.46	15.70	-0.303	5.11	21.7	0.3266	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs6717729	16.02	15.27	-0.304	3.66	-1.1	0.3266	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs6717729	10.58	10.10	-0.208	5.18	21.7	0.3266	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	rRSBudFNjdeFilyNjQ	rs2516835	19.98	19.04	-0.354	5.94	43.89	0.3543	7.261	0.113	7.098	7.166	7.242	7.333	7.627
TSGA10	9Gn7IVZiCgrYIK8UUA	rs2516835	18.24	17.38	-0.339	3.88	21.09	0.3543	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs2516835	12.95	12.35	-0.251	5.74	43.89	0.3543	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSGA10	9Gn7IVZiCgrYIK8UUA	rs2309582	5.01	4.80	-0.098	2.16	26.27	0.1935	7.551	0.209	7.11	7.399	7.553	7.693	8.156
TSGA10	Z1Pjr_Mup6goCe711E	rs2309582	4.56	4.36	-0.089	1.93	49.06	0.1935	7.16	0.065	7.097	7.115	7.136	7.181	7.515
TSKS	QV5qUIFx54SEI4JSKI	rs1674139	5.26	5.03	0.102	0.55	4.99	0.4875	7.272	0.175	7.105	7.145	7.21	7.339	8.146
TSKS	QV5qUIFx54SEI4JSKI	rs4802623	5.24	5.01	-0.103	0.4	23.34	0.4623	7.272	0.175	7.105	7.145	7.21	7.339	8.146
TSKS	QV5qUIFx54SEI4JSKI	rs17370523	10.05	9.60	-0.2	2.38	26.59	0.23	7.272	0.175	7.105	7.145	7.21	7.339	8.146
TSKS	QV5qUIFx54SEI4JSKI	rs2302518	6.47	6.19	-0.131	2.36	29.63	0.13	7.272	0.175	7.105	7.145	7.21	7.339	8.146
TSPAN14	HV6oyeqT_3J6nF9wR8	rs17680430	3.42	3.28	0.062	0.41	4.61	0.105	9.722	0.355	8.872	9.496	9.708	9.93	10.619
TSPAN14	HV6oyeqT_3J6nF9wR8	rs2343308	3.66	3.50	-0.069	0.8	-32.25	0.4325	9.722	0.355	8.872	9.496	9.708	9.93	10.619
TSPAN14	HV6oyeqT_3J6nF9wR8	rs10748526	11.59	11.06	0.226	3.86	-6.31	0.2125	9.722	0.355	8.872	9.496	9.708	9.93	10.619
TSPAN14	HV6oyeqT_3J6nF9wR8	rs11185982	8.45	8.06	-0.168	2.87	26.24	0.1625	9.722	0.355	8.872	9.496	9.708	9.93	10.619
TSPAN32	fEhlqmjkxdepLlea0	rs2521263	5.27	5.04	-0.105	1.6	-14.48	0.085	7.519	0.215	7.13	7.366	7.481	7.658	8.305
TSPAN32	fEhlqmjkxdepLlea0	rs2651830	4.28	4.20	0.084	1.42	-11.01	0.1075	7.519	0.215	7.13	7.366	7.481	7.658	8.305
TSPAN32	EttfXrXutXUX0BSQ64	rs2244891	3.54	3.39	-0.069	0.57	-3.89	0.2525	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPAN32	fEhlqmjkxdepLlea0	rs16928081	7.49	7.15	0.153	2.26	-2.28	0.0854	7.519	0.215	7.13	7.366	7.481	7.658	8.305
TSPAN32	fEhlqmjkxdepLlea0	rs756923	8.2	7.83	0.165	1.34	-0.58	0.1425	7.519	0.215	7.13	7.366	7.481	7.658	8.305
TSPAN32	EttfXrXutXUX0BSQ64	rs756923	4.04	3.87	0.078	0.43	-0.58	0.1425	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPAN32	fEhlqmjkxdepLlea0	rs2074021	8.2	7.83	0.165	1.24	0.28	0.1425	7.519	0.215	7.13	7.366	7.481	7.658	8.305
TSPAN32	EttfXrXutXUX0BSQ64	rs2074021	4.04	3.87	0.078	0.49	0.28	0.1425	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPAN32	EttfXrXutXUX0BSQ64	rs800117	3.46	3.32	0.065	1.28	23.36	0.1457	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPAN32	EttfXrXutXUX0BSQ64	rs800153	3.44	3.29	-0.064	1.33	34.09	0.145	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPAN32	EttfXrXutXUX0BSQ64	rs800142	3.44	3.29	0.064	1.33	45.64	0.145	11.52	0.393	10.514	11.264	11.513	11.763	13.028
TSPYL5	xio59f1fk3EAIih70	rs10101931	4.02	3.85	-0.07	2.29	-47.96	0.4775	7.402	0.142	7.143	7.297	7.391	7.491	7.884
TSPYL5	xio59f1fk3EAIih70	rs10105830	3.92	3.75	-0.068	2.32	-46.99	0.475	7.402	0.142	7.143	7.297	7.391	7.491	7.884
TSPYL5	xio59f1fk3EAIih70	rs6468543	5.09	4.87	0.092	0.77	-5.58	0.225	7.402	0.142	7.143	7.297	7.391	7.491	7.884
TSSC1	oknf6K4du9SujV3eog	rs13022433	3.75	3.59	-0.071	1.88	-0.41	0.215	9.453	0.296	8.656	9.266	9.5	9.665	10.108
TTC10	onVukAiCgucmuMulle	rs7999297	4.4	4.21	0.095	0.24	-19.04	0.4799	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulle	rs6490593	4.68	4.47	0.093	0.05	-18.45	0.2	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulle	rs7998003	3.58	3.43	-0.071	0.95	17.9	0.1975	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulle	rs9509290	4.48	4.29	-0.087	0.84	18.25	0.0675	7.954	0.163	7.225	7.866	7.957	8.052	8.539

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
TTC10	onVukAiCgucmuMulIE	rs7995035	3.58	3.43	-0.071	0.73	19.5	0.1975	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs6490598	7.84	7.49	-0.165	0.74	23.48	0.28	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs2987987	3.61	3.46	0.072	0.84	41.61	0.195	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9506528	6.15	5.88	0.132	0.38	47.13	0.4724	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509301	6.5	6.21	0.139	0.33	50.67	0.475	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509303	6.63	6.34	0.142	0.41	53.74	0.4775	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509307	7.89	7.54	0.167	0.67	-60.31	0.2764	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509311	6.64	6.34	-0.143	0.37	-55.87	0.4774	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs2480425	3.58	3.43	0.071	0.95	-55.79	0.1975	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs2497497	3.58	3.43	0.071	0.89	-44.62	0.1975	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9506533	6.63	6.34	-0.142	0.28	-20.04	0.4775	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509330	6.63	6.34	-0.142	0.36	-10.98	0.4775	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC10	onVukAiCgucmuMulIE	rs9509356	5.15	4.92	0.108	0.58	38.58	0.485	7.954	0.163	7.225	7.866	7.957	8.052	8.539
TTC16	BqhUIQI0kAeK_NKF0U	rs3802357	7.97	7.61	-0.159	4.5	0.3	0.4575	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs13298768	7.24	6.92	0.145	4.82	-4.14	0.4548	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs482095	4.56	4.36	0.087	2.8	-0.37	0.425	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs10819305	3.48	3.33	-0.066	2.99	24.09	0.3869	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs10739694	3.36	3.22	-0.064	2.15	32.73	0.4271	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs4836579	4.32	4.14	-0.082	2.03	34.67	0.4447	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC16	BqhUIQI0kAeK_NKF0U	rs10760500	3.88	3.74	0.074	1.98	42.84	0.4425	7.911	0.231	7.379	7.74	7.894	8.055	8.973
TTC19	Nol_Fe_s5e6q6juLqE	rs1045599	3.59	3.44	0.068	1.1	-22.87	0.3475	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs10491104	6.21	5.93	0.125	1.43	-18.22	0.39	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs8070859	3.85	3.68	0.075	1.04	-14.99	0.3475	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs2302415	3.88	3.72	0.076	1.07	3.61	0.345	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs9891938	4.07	3.89	0.081	0.91	12.29	0.346	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs11869450	3.9	3.74	0.076	0.97	-8.39	0.3442	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs2157991	4.25	4.06	0.083	0.99	29.86	0.35	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC19	Nol_Fe_s5e6q6juLqE	rs3785628	4.25	4.06	0.083	0.93	38.59	0.35	9.797	0.327	8.854	9.571	9.789	9.964	10.792
TTC23	NidFKA4B76RfH1SfU	rs12324187	3.3	3.17	-0.062	1.33	-39.22	0.4447	7.167	0.047	7.11	7.137	7.157	7.187	7.46
TTC23	NidFKA4B76RfH1SfU	rs2623184	3.34	3.20	-0.061	0.89	-32.77	0.34	7.167	0.047	7.11	7.137	7.157	7.187	7.46
TTC23	NidFKA4B76RfH1SfU	rs8028374	4.06	3.88	-0.077	1.72	4.45	0.46	7.167	0.047	7.11	7.137	7.157	7.187	7.46
TTC32	riQOSV4o.px5MwQSqk	rs11096632	5.57	5.32	0.115	2.29	42.62	0.0854	9.169	0.36	8.031	8.925	9.164	9.391	10.178
TTC39B	xV6LUhxH0g9KSd9F3o	rs12684860	3.56	3.41	0.068	1.09	38.89	0.165	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs10810367	7.46	7.13	-0.144	3.04	-37	0.3075	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs2890998	19.27	18.37	-0.352	5.12	-20.8	0.37	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs10810368	15.8	15.07	-0.296	5.53	-20.5	0.415	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs1122677	20.37	19.41	0.37	5.41	-17.3	0.375	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs17327373	19.85	18.92	-0.36	5.15	-12.91	0.35	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs4741484	22.62	21.55	0.405	4.92	-11.12	0.397	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs10961965	19.4	18.49	-0.351	5.08	-10.89	0.35	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs11792305	28.72	27.36	-0.481	6.64	-7.65	0.4875	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs4008004	15.05	14.35	0.284	4.83	-6.28	0.245	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs2849049	17.54	16.72	0.323	4.14	-5.82	0.3975	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs491322	9.9	9.45	-0.196	3.08	0.91	0.445	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs2616752	5.71	5.46	-0.116	1.33	3.46	0.3825	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs12554359	4.7	4.50	0.091	1.04	23.39	0.2225	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTC39B	xV6LUhxH0g9KSd9F3o	rs10124733	3.57	3.42	0.068	0.57	25.76	0.3075	8.66	0.326	7.947	8.42	8.694	8.883	9.485
TTYH2	NdcXxfzXoXrTeXT5c	rs12600564	4.46	4.26	0.09	1.95	-9.65	0.1371	7.163	0.038	7.107	7.136	7.154	7.183	7.329
TUSC3	QY76ACGjD_XLqPqXro	rs10104063	5.14	4.92	-0.102	1.25	-56.87	0.1809	7.139	0.085	7.097	7.109	7.121	7.136	7.9
TUSC3	xeh.i4gjuP6FOkfAB0	rs10109890	3.67	3.52	-0.069	0.94	-50.81	0.3575	7.119	0.013	7.098	7.111	7.117	7.125	7.168
TUSC3	QY76ACGjD_XLqPqXro	rs918245	4.24	4.06	-0.08	0.97	-25.91	0.135	7.139	0.085	7.097	7.109	7.121	7.136	7.9
TUSC3	xeh.i4gjuP6FOkfAB0	rs352775	3.4	3.26	0.063	2.22	13.77	0.42	7.119	0.013	7.098	7.111	7.117	7.125	7.168
TXNDC13	uqX6sylnkSC01SV3g0	rs2076015	6.5	6.21	0.13	1.38	1.33	0.08	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6140484	4.85	4.64	-0.095	0.85	5.29	0.0825	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6133527	6.42	6.13	-0.13	1.72	-2.24	0.1122	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6133529	5.13	4.90	-0.101	0.8	17.76	0.085	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6133536	5.17	4.94	-0.103	1.34	38.28	0.1225	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6055504	3.86	3.70	0.073	1.76	40.58	0.27	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TXNDC13	uqX6sylnkSC01SV3g0	rs6118046	4.16	3.99	0.08	1.37	45.48	0.16	8.612	0.233	7.871	8.481	8.612	8.783	9.138
TYW1	6qXfVfFaV8j9OISUfI	rs11761516	9.7	9.26	0.177	1.75	63.7	0.245	8.632	0.238	7.211	8.491	8.624	8.738	9.429
TYW1	6qXfVfFaV8j9OISUfI	rs7780458	8.3	7.92	-0.15	2.28	68.59	0.295	8.632	0.238	7.211	8.491	8.624	8.738	9.429
TYW1	6qXfVfFaV8j9OISUfI	rs4717354	8.59	8.20	0.159	1.65	-48.72	0.27	8.632	0.238	7.211	8.491	8.624	8.738	9.429

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
TYW1	6qXfVfFaV8j9OiSufl	rs6954642	8.59	8.20	-0.159	1.65	-32.05	0.27	8.632	0.238	7.211	8.491	8.624	8.738	9.429
TYW1	6qXfVfFaV8j9OiSufl	rs12155193	7.74	7.40	0.144	1.85	-16.29	0.325	8.632	0.238	7.211	8.491	8.624	8.738	9.429
U2AF1L3	uIfR3XIU19Up1anUw7A	rs2871921	3.84	3.68	0.076	1.34	-1.01	0.1533	9.542	0.361	8.756	9.295	9.534	9.776	10.727
UBE2F	WYO_leXl77gl1SDkyl	rs4302179	4.69	4.48	0.09	2.82	-24.26	0.455	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs1446927	5.92	5.66	0.111	3.71	-8.64	0.245	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs921095	7.44	7.11	-0.144	3.89	17.66	0.4015	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs10929262	7.44	7.11	0.143	3.75	36.42	0.4025	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs2326007	5.86	5.60	0.112	3.16	-30.23	0.1827	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs2121473	5.79	5.54	0.109	3.32	-27.04	0.18	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs6713132	5.79	5.54	-0.109	3.32	-16.15	0.18	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs6729218	5.79	5.54	-0.109	3.32	-6.32	0.18	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs821480	5.24	5.01	-0.098	3.06	22.14	0.18	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs3210400	7.26	6.94	-0.139	2.88	39.7	0.4167	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs17069	5.22	4.99	0.098	2.82	49.41	0.2325	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2F	WYO_leXl77gl1SDkyl	rs3739055	5.16	4.94	0.098	3.25	49.5	0.46	10.266	0.254	9.555	10.074	10.265	10.449	10.899
UBE2Z	xqfqgaC.N_jfgingq0	rs882150	3.77	3.61	0.072	0.16	-39.22	0.46	9.566	0.252	8.723	9.435	9.597	9.722	10.372
UBE2Z	xqfqgaC.N_jfgingq0	rs12941604	4.39	4.20	-0.084	1.43	0.6	0.1625	9.566	0.252	8.723	9.435	9.597	9.722	10.372
UBE3B	N1TXD.zReCvoFLioeo	rs2241209	4.11	3.93	0.077	1.06	-11.99	0.1025	8.789	0.268	8.083	8.597	8.751	8.978	9.619
UBE3B	N1TXD.zReCvoFLioeo	rs2241206	3.46	3.32	0.064	2.84	-5.66	0.1825	8.789	0.268	8.083	8.597	8.751	8.978	9.619
UBPH	x6VKleFQLgoT5aikXk	rs727238	4.77	4.56	-0.089	1.33	-47.33	0.19	7.711	0.154	7.333	7.606	7.696	7.81	8.227
UBPH	x6VKleFQLgoT5aikXk	rs4967958	5.29	5.06	0.104	1.09	-40.27	0.165	7.711	0.154	7.333	7.606	7.696	7.81	8.227
UBPH	x6VKleFQLgoT5aikXk	rs6497671	5.58	5.34	0.109	1.68	-31.71	0.15	7.711	0.154	7.333	7.606	7.696	7.81	8.227
UCP2	IKdX3iXdeeeF40Xen8	rs2306820	4.09	3.91	0.079	1.77	-4.37	0.3225	11.701	0.637	9.244	11.303	11.719	12.093	13.459
UCP2	IKdX3iXdeeeF40Xen8	rs668514	3.65	3.49	-0.07	2.04	12.62	0.255	11.701	0.637	9.244	11.303	11.719	12.093	13.459
UCRC	le5TV4X6FZeKrhLosg	rs14115	6.26	5.98	0.125	1.91	0.17	0.0578	8.651	0.32	7.871	8.398	8.641	8.879	9.856
UFD1L	0_qAhAie1eKI7lyeXU	rs13447270	3.78	3.62	0.072	0.98	34.64	0.17	7.62	0.13	7.335	7.523	7.62	7.69	8.375
UGCG	9CeiB62cSPGe6qxJlo	rs7860334	3.3	3.16	-0.062	3.27	4.43	0.085	9.56	0.428	8.464	9.277	9.511	9.638	10.942
UMPS	uSUS17eryrUT_KNfU	rs1162	4.82	4.61	0.094	1.5	-9.53	0.31	7.278	0.093	7.106	7.21	7.272	7.335	7.589
UMPS	uSUS17eryrUT_KNfU	rs13146	3.59	3.44	0.066	1.05	-0.82	0.1675	7.278	0.093	7.106	7.21	7.272	7.335	7.589
UMPS	uSUS17eryrUT_KNfU	rs614664	4.81	4.60	-0.09	0.66	23.36	0.3575	7.278	0.093	7.106	7.21	7.272	7.335	7.589
UNC5C	IRKQg5JKJSCgBlixBSU	rs17381177	3.32	3.18	-0.062	0.22	-104.94	0.0575	7.109	0.01	7.093	7.103	7.107	7.113	7.188
UNQ3033	rrN3dhplVUKLhc54nA	rs612529	3.55	3.40	-0.068	3.12	0.05	0.2096	7.66	0.542	7.118	7.251	7.538	7.839	10.174
UPB1	fgPeXihJUufpiL14Q	rs5760425	22.27	21.22	0.388	4.94	-48.8	0.35	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs1008931	22.27	21.22	0.388	5.34	-35.71	0.35	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs738813	22.27	21.22	-0.388	5.09	-28.51	0.3475	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs5760452	22.33	21.27	-0.389	5.41	-6.03	0.3475	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs3788372	12.41	11.84	0.236	2.53	3.6	0.3693	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs738814	10.06	9.60	0.191	2.28	11.36	0.4	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs6004171	10.71	10.22	0.202	2.4	-10.32	0.3775	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPB1	fgPeXihJUufpiL14Q	rs1314	4.01	3.83	-0.078	1.57	-0.1	0.1675	7.412	0.183	7.177	7.291	7.381	7.484	8.805
UPF3A	ulyDNeS6yL_dT1IlyU	rs7994556	3.62	3.46	0.068	2.94	-49	0.24	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UPF3A	ulyDNeS6yL_dT1IlyU	rs7994573	3.42	3.27	-0.064	2.48	-38.69	0.2375	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UPF3A	ulyDNeS6yL_dT1IlyU	rs9314907	3.62	3.46	0.068	2.94	-31.91	0.24	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UPF3A	ulyDNeS6yL_dT1IlyU	rs7319446	3.62	3.46	-0.068	2.94	-17.92	0.24	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UPF3A	ulyDNeS6yL_dT1IlyU	rs9590409	3.52	3.37	-0.066	2.94	-6.58	0.2375	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UPF3A	ulyDNeS6yL_dT1IlyU	rs9314909	3.62	3.46	-0.068	2.48	-4.06	0.24	9.037	0.372	7.582	8.779	9.062	9.296	9.899
UROS	3uRuHid7oJsfAVyV7g	rs10510149	3.77	3.61	-0.075	0.16	-15.96	0.445	10.704	0.302	9.859	10.51	10.695	10.884	11.77
UROS	3uRuHid7oJsfAVyV7g	rs10794024	3.77	3.61	-0.075	0.16	-15.16	0.445	10.704	0.302	9.859	10.51	10.695	10.884	11.77
UROS	3uRuHid7oJsfAVyV7g	rs12356233	3.65	3.50	-0.072	0.39	23.16	0.435	10.704	0.302	9.859	10.51	10.695	10.884	11.77
USF1	WioKO.JLp65U4ioj6U	rs11576837	4.02	3.85	0.08	2.92	-5.17	0.3775	9.307	0.416	7.922	9.047	9.299	9.556	10.629
USF1	WioKO.JLp65U4ioj6U	rs2774279	6.02	5.75	0.121	2.45	1.8	0.3325	9.307	0.416	7.922	9.047	9.299	9.556	10.629
USF1	WioKO.JLp65U4ioj6U	rs4656978	3.52	3.37	-0.066	1.99	28.01	0.2475	9.307	0.416	7.922	9.047	9.299	9.556	10.629
USF1	WioKO.JLp65U4ioj6U	rs3892375	5.76	5.51	-0.115	2.51	38.3	0.2575	9.307	0.416	7.922	9.047	9.299	9.556	10.629
USMG5	cm2tusjKa05MYP9J34	rs11191666	40.21	38.28	0.621	7.27	-21.54	0.4275	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs3740382	30.52	29.06	0.508	5.57	22.99	0.425	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs11191686	30.13	28.70	-0.5	5.89	31.52	0.4225	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs11191688	27.68	26.36	0.471	5.28	36.35	0.4375	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs2986014	24.49	23.33	0.432	4.84	37.86	0.4575	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs10883868	27.32	26.03	-0.464	5.37	40.59	0.435	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USMG5	cm2tusjKa05MYP9J34	rs2281860	23.94	22.81	0.426	5.99	45.35	0.452	7.972	0.617	7.135	7.392	8.065	8.46	9.287
USP30	96iUIvRFAUp1eBLXs	rs10774961	3.36	3.22	0.063	1.68	-6.05	0.4848	7.302	0.093	7.112	7.242	7.289	7.356	7.675
USP36	3SJ_qf3p530_F7u9Uk	rs7218899	16.14	15.38	0.292	4.04	-43.7	0.4625	9.436	0.561	7.999	9.044	9.48	9.832	11.028

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Distance from transcript (kb)	MAF	Transcript abundance (log2 scale)						SNP mapping under probe
			p-value (-log10)	GC adj.		p-value (-log10)	Mean			Standard Deviation	Minimum	25th percentile	Median	75th percentile	Maximum	
USP36	3SJ_qf3p530_F7u9Uk	rs6501243	16.31	15.55	-0.299	4.33	-38.99	0.4475	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs7221314	7.98	7.62	0.156	2.99	-25.3	0.365	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs16971682	8.61	8.22	-0.164	3.1	-15.56	0.38	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs747423	8.29	7.92	-0.164	2.05	1.23	0.2513	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs1044486	18.64	17.77	-0.332	4.81	8.63	0.4425	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs2279308	21.02	20.03	0.368	4.19	11.43	0.39	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs2054624	5.4	5.16	-0.103	0.74	18.55	0.1658	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs4796817	5.17	4.94	-0.097	0.7	19.1	0.2025	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs1110274	15.38	14.66	-0.277	2.65	-26.58	0.4575	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs7218605	15.3	14.59	0.276	2.6	-25.06	0.4573	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs11658299	5.88	5.62	-0.109	1.37	-11.14	0.4875	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs7213204	15.75	15.02	-0.285	3.13	-5.06	0.425	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP36	3SJ_qf3p530_F7u9Uk	rs4352096	15.85	15.11	-0.289	4	-2.95	0.45	9.436	0.561	7.999	9.044	9.48	9.832	11.028	
USP53	ipBEUB7U1J10HBj.Sk	rs11737086	3.34	3.20	-0.068	2.01	-33.8	0.355	7.612	0.306	7.116	7.403	7.56	7.787	8.533	
USP53	ipBEUB7U1J10HBj.Sk	rs13113462	11.32	10.80	0.225	1.43	-20.82	0.1675	7.612	0.306	7.116	7.403	7.56	7.787	8.533	
USP53	ipBEUB7U1J10HBj.Sk	rs1052633	4.72	4.51	0.093	0.79	0.98	0.4724	7.612	0.306	7.116	7.403	7.56	7.787	8.533	
USP53	ipBEUB7U1J10HBj.Sk	rs1397611	11.6	11.07	-0.232	1.94	10.98	0.165	7.612	0.306	7.116	7.403	7.56	7.787	8.533	
USP53	ipBEUB7U1J10HBj.Sk	rs11724758	4.47	4.28	-0.087	0.72	25.51	0.4675	7.612	0.306	7.116	7.403	7.56	7.787	8.533	
VAMP1	ITVvfa.IOIY7qv1Hu4	rs2534721	3.81	3.65	0.074	2.68	0.3	0.29	10.469	0.526	8.72	10.134	10.477	10.865	11.551	
VAMP4	f.DpMKH5PPk8qJq054	rs11576221	6.45	6.16	0.126	3.63	-19.36	0.2025	8.693	0.411	7.55	8.412	8.689	8.963	9.812	
VAMP4	f.DpMKH5PPk8qJq054	rs1001373	6.84	6.53	-0.132	3.85	11.45	0.2025	8.693	0.411	7.55	8.412	8.689	8.963	9.812	
VAMP4	f.DpMKH5PPk8qJq054	rs3753539	5.91	5.65	0.113	2.79	4.97	0.2525	8.693	0.411	7.55	8.412	8.689	8.963	9.812	
VAMP5	3TXj7nrbf3V0iS4SQ	rs10187424	3.55	3.40	0.067	1.17	-17.23	0.435	10.479	0.329	9.074	10.27	10.5	10.713	11.545	
VAMP5	3TXj7nrbf3V0iS4SQ	rs2121397	12.09	11.53	0.24	3.58	-12.67	0.15	10.479	0.329	9.074	10.27	10.5	10.713	11.545	
VAMP5	3TXj7nrbf3V0iS4SQ	rs12714147	6.76	6.46	-0.137	2.21	2.3	0.1825	10.479	0.329	9.074	10.27	10.5	10.713	11.545	
VAMP5	3TXj7nrbf3V0iS4SQ	rs14976	6.57	6.27	-0.129	2.03	-1.62	0.295	10.479	0.329	9.074	10.27	10.5	10.713	11.545	
VAMP8	Nunk.fq18i6noiFyKk	rs2028900	3.9	3.74	-0.076	2.33	-36.98	0.47	12.97	0.278	12.227	12.774	12.968	13.174	13.754	
VAMP8	Nunk.fq18i6noiFyKk	rs10187424	3.44	3.30	0.066	1.62	-10.42	0.435	12.97	0.278	12.227	12.774	12.968	13.174	13.754	
VAPA	iKEXILzRGCjhVKodLs	rs513186	3.62	3.46	0.07	3.33	-31.4	0.3425	7.34	0.097	7.14	7.271	7.327	7.398	7.632	
VAPA	iKEXILzRGCjhVKodLs	rs636407	3.38	3.24	0.065	4.13	8.53	0.3744	7.34	0.097	7.14	7.271	7.327	7.398	7.632	
VARS2	KLh7rfiOdE8eVpeXU	rs2844654	6.59	6.30	-0.128	1.69	-43.29	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs1264333	6.59	6.30	-0.128	1.69	-37.67	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs1264303	6.59	6.30	0.128	1.69	0.53	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs1264302	6.59	6.30	0.128	1.81	0.65	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2074506	6.59	6.30	0.128	1.79	-3.75	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs753725	9.6	9.16	-0.187	3.09	-3.36	0.46	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs4678	3.42	3.28	0.064	2.25	-0.29	0.205	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2532934	9.82	9.37	-0.192	3.51	0.53	0.465	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2844651	9.4	8.98	-0.185	3.46	6.43	0.4672	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs3132571	4.04	3.87	-0.079	2.78	11.08	0.345	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2844702	7.42	7.09	-0.146	2.2	18.25	0.3561	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2517451	4.41	4.22	0.084	0.68	20.52	0.12	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VARS2	KLh7rfiOdE8eVpeXU	rs2240804	7.5	7.16	-0.146	1.99	26.66	0.355	9.091	0.336	8.3	8.928	9.074	9.293	10.114	
VASH1	T46F1WdXQnejp5Lvs	rs10483877	10.69	10.20	-0.197	4.74	-46.23	0.2275	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs4903482	7.04	6.73	0.129	3.81	-19.13	0.15	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs7155817	3.82	3.65	-0.067	1.87	-18.28	0.103	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs11628491	9.56	9.13	0.175	4.52	-8.99	0.27	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs6574326	9.57	9.13	0.175	4.69	-5.83	0.2725	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs3783996	5.73	5.48	-0.104	1.82	6.23	0.1575	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs1076584	3.67	3.51	0.064	0.75	4.74	0.0975	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASH1	T46F1WdXQnejp5Lvs	rs2075773	3.67	3.51	-0.064	0.75	20.43	0.0975	8.121	0.407	7.281	7.841	8.077	8.345	9.724	
VASP	oo7qL.wOcyV6n5VP6o	rs10995	6.6	6.31	0.131	2.01	-0.09	0.2825	9.091	0.419	7.736	8.812	9.085	9.362	10.183	
VASP	oo7qL.wOcyV6n5VP6o	rs8111589	4.27	4.09	-0.083	1.78	4.32	0.4675	9.091	0.419	7.736	8.812	9.085	9.362	10.183	
VEZT	okgunni3d1.FFOSgSE	rs17023834	8.52	8.13	-0.158	2.95	1.66	0.13	9.148	0.258	8.193	8.979	9.164	9.314	9.772	
VEZT	okgunni3d1.FFOSgSE	rs2367305	6.99	6.68	0.133	1.23	20.38	0.2775	9.148	0.258	8.193	8.979	9.164	9.314	9.772	
VEZT	okgunni3d1.FFOSgSE	rs14121	7.84	7.68	-0.156	1.56	-0.55	0.27	9.148	0.258	8.193	8.979	9.164	9.314	9.772	
VIL2	cKeegpJ_6KW_vwVHTO	rs9347258	3.3	3.16	0.064	3.81	-6.22	0.49	12.132	0.275	10.972	11.939	12.141	12.292	12.938	
VN1R1	iI5KEKAEd.XDevOU4	rs2360764	4.19	4.01	0.083	1.88	15.22	0.375	7.133	0.029	7.096	7.113	7.124	7.145	7.267	
VN1R1	iI5KEKAEd.XDevOU4	rs2285609	4.19	4.01	-0.083	1.88	23.2	0.375	7.133	0.029	7.096	7.113	7.124	7.145	7.267	
VN1R1	iI5KEKAEd.XDevOU4	rs2285611	4.19	4.01	-0.083	1.88	24.22	0.375	7.133	0.029	7.096	7.113	7.124	7.145	7.267	
VN1R1	iI5KEKAEd.XDevOU4	rs2074071	4.22	4.04	0.084	2.31	35.73	0.315	7.133	0.029	7.096	7.113	7.124	7.145	7.267	
VN1R1	iI5KEKAEd.XDevOU4	rs2360761	4.22	4.04	0.084	2.31	39.93	0.315	7.133	0.029	7.096	7.113	7.124	7.145	7.267	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance	Family-based	Distance from	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association	association		association				transcript (kb)	Standard	25th	Median	75th	
			p-value (-log10)	p-value (-log10), GC adj.	Explained	p-value (-log10)			Deviation	percentile	percentile	percentile	percentile		
VNN3	QpXs6CLV4goV1GfKko	rs6936594	3.95	3.78	0.074	0.23	19.39	0.0678	7.247	0.173	7.112	7.159	7.199	7.267	8.415
VPS41	WdJp181Qhy7n95xHnl	rs7778570	3.44	3.29	-0.062	1.39	-14.54	0.1641	7.441	0.115	7.169	7.367	7.45	7.511	7.712
VPS41	WdJp181Qhy7n95xHnl	rs1859493	3.63	3.47	0.064	2.11	-9.97	0.0975	7.441	0.115	7.169	7.367	7.45	7.511	7.712
VPS53	KeRNCSBIVNNbhBen1E	rs4968169	3.64	3.49	0.069	1.23	-31.33	0.325	7.342	0.143	7.106	7.252	7.316	7.415	7.827
VRK3	f5KN5u7dTOFU_11Y64	rs6509448	4.98	4.77	0.098	3.42	-23.21	0.3725	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	oOISRbRd1WPNXfdl64	rs6509448	3.75	3.59	0.073	3	-23.21	0.3725	8.29	0.327	7.129	8.107	8.308	8.513	9.109
VRK3	f5KN5u7dTOFU_11Y64	rs12984158	7.73	7.38	-0.154	3.5	-2.02	0.1825	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs3786669	6.01	5.74	0.118	3.03	7.21	0.3975	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs745952	8.22	7.85	-0.166	3.37	17.8	0.1075	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	oOISRbRd1WPNXfdl64	rs745952	4.52	4.33	-0.091	1.92	17.8	0.1075	8.29	0.327	7.129	8.107	8.308	8.513	9.109
VRK3	f5KN5u7dTOFU_11Y64	rs7259059	7.03	6.72	0.14	3.15	-14.33	0.2	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs734910	3.3	3.16	-0.063	2.42	-4.58	0.4475	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs245111	6.16	5.89	-0.121	2.66	0.09	0.41	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs17312204	3.73	3.57	-0.072	1.95	29.07	0.0575	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	f5KN5u7dTOFU_11Y64	rs957738	6.77	6.47	-0.138	3.68	34.43	0.2	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	oOISRbRd1WPNXfdl64	rs957738	4.86	4.64	-0.099	2.59	34.43	0.2	8.29	0.327	7.129	8.107	8.308	8.513	9.109
VRK3	f5KN5u7dTOFU_11Y64	rs8101040	8.33	7.96	0.169	3.09	35.09	0.1106	10.111	0.436	8.953	9.801	10.118	10.381	11.529
VRK3	oOISRbRd1WPNXfdl64	rs8101040	5.62	5.37	0.115	1.8	35.09	0.1106	8.29	0.327	7.129	8.107	8.308	8.513	9.109
WBSCR27	oXsWAughpUr4oLiNSU	rs13232536	33.5	31.91	-0.541	13.22	-29.41	0.2864	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WBSCR27	oXsWAughpUr4oLiNSU	rs9647713	16.9	16.11	-0.317	6.15	-22.11	0.2175	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WBSCR27	oXsWAughpUr4oLiNSU	rs4255023	42.28	40.25	-0.621	14.08	-9.3	0.295	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WBSCR27	oXsWAughpUr4oLiNSU	rs4304218	43.11	41.04	0.627	14.11	-3.88	0.2925	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WBSCR27	oXsWAughpUr4oLiNSU	rs4717112	40.73	38.78	-0.605	14.1	8.56	0.2975	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WBSCR27	oXsWAughpUr4oLiNSU	rs13244770	19.31	18.41	-0.35	7.37	23.84	0.415	7.23	0.136	7.101	7.125	7.174	7.3	7.768
WDR18	itu9q.9d7h6it_u3bo	rs2240152	3.5	3.36	-0.066	0.46	-1.67	0.4575	10.676	0.282	9.996	10.527	10.669	10.833	11.629
WDR21A	0S44hriOv4tdrl6sko	rs3814864	4.24	4.06	-0.084	2.49	-31.82	0.3575	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs11629006	9.11	8.70	-0.189	2.46	-21.36	0.1725	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs7140896	4.49	4.29	0.089	1.72	-10.6	0.2576	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs7142086	3.96	3.79	-0.075	1.47	-1.49	0.0825	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs17122581	8.91	8.51	-0.184	2.43	10.24	0.2025	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs7144193	8.94	8.54	0.188	2.5	-1.04	0.2035	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs12931	4.36	4.17	-0.085	1.78	14.51	0.4673	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR21A	0S44hriOv4tdrl6sko	rs2286836	4.01	3.84	-0.075	1.68	15.84	0.0875	8.642	0.301	8.028	8.428	8.635	8.84	9.747
WDR4	36FHzuY1uhR_bmN7aU	rs9980962	3.67	3.51	0.067	1.67	-34.31	0.095	9.43	0.207	8.877	9.313	9.423	9.561	10.26
WDR4	KTICCOIWqimGcL5424	rs2839584	4.3	4.11	0.079	2.42	-26.58	0.1975	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	KTICCOIWqimGcL5424	rs8132468	7.2	6.87	-0.134	2.12	-15.17	0.11	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	36FHzuY1uhR_bmN7aU	rs8132468	6.62	6.32	-0.127	4.58	-15.17	0.11	9.43	0.207	8.877	9.313	9.423	9.561	10.26
WDR4	36FHzuY1uhR_bmN7aU	rs2839586	4.03	3.86	0.074	1.77	-11.98	0.0975	9.43	0.207	8.877	9.313	9.423	9.561	10.26
WDR4	KTICCOIWqimGcL5424	rs8133179	3.99	3.81	-0.071	0.01	9.12	0.1125	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	KTICCOIWqimGcL5424	rs15736	3.37	3.23	-0.061	0.16	10.65	0.385	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	KTICCOIWqimGcL5424	rs2839589	3.37	3.23	-0.061	0.16	11.02	0.385	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	KTICCOIWqimGcL5424	rs11911090	6.63	6.34	-0.124	2.07	-16.1	0.1106	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR4	36FHzuY1uhR_bmN7aU	rs11911090	5.9	5.64	-0.113	4.33	-16.1	0.1106	9.43	0.207	8.877	9.313	9.423	9.561	10.26
WDR4	36FHzuY1uhR_bmN7aU	rs2839597	3.59	3.44	0.065	1.59	1.78	0.1025	9.43	0.207	8.877	9.313	9.423	9.561	10.26
WDR4	KTICCOIWqimGcL5424	rs2839601	3.99	3.82	-0.071	0.36	-17.7	0.1475	7.314	0.091	7.128	7.247	7.308	7.359	7.739
WDR41	xniZB5VN4UeHQMYHn4	rs6874493	5.14	4.92	0.099	2.38	-26.33	0.465	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs374003	10.32	9.85	-0.199	3.91	-25.87	0.1675	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs2242159	4.65	4.45	0.09	4.53	-13.69	0.4525	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs2242160	4.55	4.35	0.088	4.86	-12.94	0.34	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs335640	4.96	4.74	-0.096	3.66	-7.83	0.305	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs3149	5.58	5.33	0.111	3.2	0.37	0.1633	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR41	xniZB5VN4UeHQMYHn4	rs441102	20.04	19.10	-0.366	5.39	10.9	0.1725	8.194	0.354	7.294	7.994	8.176	8.391	9.808
WDR48	NhKvV0ectJ9.6AehKU	rs7619193	16.63	15.85	-0.314	6.58	-49.39	0.3125	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs6599001	3.5	3.35	-0.063	1.47	-19.36	0.115	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs6599003	13.41	12.78	-0.258	5.44	-0.18	0.3	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs2293312	13.22	12.61	-0.254	5.3	17.63	0.3025	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs11707101	10.86	10.36	-0.209	4.51	-19.78	0.1425	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs9809104	3.87	3.70	-0.074	0.9	8.55	0.191	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs3796127	10.16	9.69	-0.201	4.69	12.52	0.13	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs1112438	11.72	11.18	-0.221	5.22	14.46	0.2825	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs2056615	3.81	3.65	-0.07	1.71	19.56	0.115	9.692	0.303	8.414	9.471	9.693	9.909	10.538
WDR48	NhKvV0ectJ9.6AehKU	rs784505	12.22	11.65	0.237	5.31	30.88	0.3392	9.692	0.303	8.414	9.471	9.693	9.909	10.538

Symbol	Lumi nuID	SNP	Population-based association		% Variance Explained	Family-based association		Transcript abundance (log2 scale)							SNP mapping under probe	
			p-value (-log10)	p-value (-log10)		p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
WDR48	NhKvV0ectJ9.6AehKU	rs704959	9.83	9.38	0.191	4.45	42.38	0.325	9.692	0.303	8.414	9.471	9.693	9.909	10.538	
WDR48	NhKvV0ectJ9.6AehKU	rs1274958	14.59	13.92	-0.275	6.56	47.08	0.2372	9.692	0.303	8.414	9.471	9.693	9.909	10.538	
WDR55	xgkjdAkeO4oLH5Vskk	rs778584	3.43	3.29	-0.065	2.61	-39.21	0.49	8.985	0.262	8.181	8.812	9.016	9.166	9.74	
WDR55	xgkjdAkeO4oLH5Vskk	rs2569188	3.5	3.35	-0.068	2.88	-36	0.4872	8.985	0.262	8.181	8.812	9.016	9.166	9.74	
WDR55	xgkjdAkeO4oLH5Vskk	rs753279	3.35	3.21	-0.063	2.95	-20.6	0.4475	8.985	0.262	8.181	8.812	9.016	9.166	9.74	
WDR73	r4urdOoESuR.VEfVU	rs2271433	3.37	3.23	-0.064	1.87	-36.24	0.1275	8.868	0.444	7.908	8.518	8.867	9.121	10.26	
WDR73	r4urdOoESuR.VEfVU	rs3817193	3.32	3.18	0.063	1.95	-26.02	0.1375	8.868	0.444	7.908	8.518	8.867	9.121	10.26	
WDR77	6TrvrfsITz.17n1Un0	rs1264874	4.06	3.89	-0.08	1.3	-31.97	0.4075	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs2485319	4.22	4.04	0.083	1.08	-24.82	0.4075	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs4838910	5.48	5.24	-0.111	1.16	-22.53	0.35	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs1264882	4.01	3.84	0.079	1.01	-19.57	0.4	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs1264894	3.79	3.62	0.074	0.99	-12.79	0.3725	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs2298185	6.3	6.02	-0.135	1.74	-1.56	0.25	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs1264898	3.97	3.80	0.078	1.19	0.99	0.38	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs1264897	3.97	3.80	0.078	1.17	1.39	0.38	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs12040764	6.98	6.66	-0.148	1.51	9.75	0.2953	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR77	6TrvrfsITz.17n1Un0	rs1054680	4.5	4.30	0.092	0.91	29.2	0.3425	7.39	0.136	7.109	7.308	7.377	7.476	8.017	
WDR86	Q6QNtdipfqgB4DMSU	rs446886	3.35	3.21	0.061	1.42	-25.17	0.3275	7.935	0.368	7.222	7.666	7.893	8.163	8.938	Yes
WDR86	Q6QNtdipfqgB4DMSU	rs2108726	4.73	4.53	-0.091	1.15	-8.8	0.3258	7.935	0.368	7.222	7.666	7.893	8.163	8.938	Yes
WDR86	Q6QNtdipfqgB4DMSU	rs1558164	3.89	3.73	0.074	0.02	8.58	0.4525	7.935	0.368	7.222	7.666	7.893	8.163	8.938	Yes
WDR86	Q6QNtdipfqgB4DMSU	rs11760463	7.96	7.60	0.156	1.3	13.68	0.485	7.935	0.368	7.222	7.666	7.893	8.163	8.938	Yes
WDR86	Q6QNtdipfqgB4DMSU	rs3815332	3.64	3.49	-0.07	1.43	14.56	0.1533	7.935	0.368	7.222	7.666	7.893	8.163	8.938	Yes
WDSUB1	TbELVOEDfvfX0msfEU	rs6432515	3.71	3.55	0.074	2	-37.38	0.399	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs2159874	10.64	10.15	0.218	3.19	-23.29	0.3525	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs7588862	9.62	9.18	-0.196	3.26	-18.79	0.4296	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs885640	10.71	10.22	-0.217	3.76	-17.13	0.39	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs7591849	8.63	8.24	0.178	2.89	20.57	0.4571	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs17494490	3.79	3.63	-0.077	2.22	-17.86	0.35	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs7608205	5.91	5.65	0.12	1.58	-7.82	0.5	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs174261	10.17	9.70	-0.203	3.17	4.08	0.4125	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WDSUB1	TbELVOEDfvfX0msfEU	rs12612419	3.74	3.58	0.072	1.74	10.58	0.495	8.591	0.393	7.11	8.349	8.585	8.858	9.654	
WFIKKN1	02KKG50KOE16I0L36KU	rs7204088	3.63	3.48	-0.069	1.93	-19.87	0.1975	7.116	0.033	7.091	7.103	7.109	7.116	7.394	
WWC1	3ffie4bv.O6eVBuiak	rs6555802	3.51	3.36	-0.068	0.81	53.98	0.35	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs2059090	3.72	3.56	-0.074	0.13	65.53	0.055	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs6873727	4.15	3.97	0.082	1.33	68.49	0.45	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs4976597	7.52	7.18	-0.15	3.69	80.6	0.385	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs4976598	8.13	7.77	0.162	3.7	86.92	0.4025	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs2337135	3.66	3.50	0.07	2.33	-86.44	0.2387	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WWC1	3ffie4bv.O6eVBuiak	rs2112555	3.62	3.46	0.069	2.33	-75.78	0.2375	7.326	0.141	7.115	7.229	7.296	7.398	7.936	
WVOX	fUV11IAuSDAD.UckAg	rs11150047	3.61	3.46	-0.073	0.61	68.2	0.2825	7.157	0.049	7.11	7.132	7.142	7.165	7.494	
WVOX	i.7InSdeVu0_63XSLU	rs6564520	4	3.83	0.078	1.95	172.67	0.425	7.178	0.061	7.098	7.137	7.159	7.205	7.438	
WVOX	i.7InSdeVu0_63XSLU	rs9926888	3.66	3.51	-0.073	2.18	175.39	0.475	7.178	0.061	7.098	7.137	7.159	7.205	7.438	
WVOX	i.7InSdeVu0_63XSLU	rs4243149	4.3	4.12	0.087	3.13	178.22	0.3775	7.178	0.061	7.098	7.137	7.159	7.205	7.438	
XBP1	Tn3sJBqBF54qp39XTs	rs6005863	4.39	4.20	0.083	3.43	-34.1	0.4375	10.829	0.388	10.046	10.53	10.831	11.079	12.231	
XBP1	Tn3sJBqBF54qp39XTs	rs6005868	4.9	4.68	-0.094	2.58	-24.78	0.1156	10.829	0.388	10.046	10.53	10.831	11.079	12.231	
XBP1	Tn3sJBqBF54qp39XTs	rs5762788	4.65	4.45	-0.089	2.94	-15.78	0.3375	10.829	0.388	10.046	10.53	10.831	11.079	12.231	
XBP1	Tn3sJBqBF54qp39XTs	rs3788409	4.43	4.24	-0.085	2.83	1.59	0.335	10.829	0.388	10.046	10.53	10.831	11.079	12.231	
XBP1	Tn3sJBqBF54qp39XTs	rs7287806	4.43	4.24	-0.085	2.66	16.45	0.3375	10.829	0.388	10.046	10.53	10.831	11.079	12.231	
XKR6	Te7Zd1u6N6S2tNReeQ	rs7832722	4.49	4.29	-0.085	3.97	-93.43	0.42	7.806	0.209	7.369	7.651	7.794	7.932	8.559	
XPNPEP1	lol5Vh9.pS46oNLI50	rs550697	5.97	5.71	-0.119	1.91	12.76	0.36	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XPNPEP1	lol5Vh9.pS46oNLI50	rs3780950	3.32	3.18	0.058	0.67	17.18	0.1425	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XPNPEP1	lol5Vh9.pS46oNLI50	rs568298	5.79	5.53	-0.109	1.2	-28.14	0.4747	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XPNPEP1	lol5Vh9.pS46oNLI50	rs944968	8.1	7.74	-0.157	2.27	-20.26	0.405	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XPNPEP1	lol5Vh9.pS46oNLI50	rs921348	5.29	5.06	0.102	1.16	24.3	0.15	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XPNPEP1	lol5Vh9.pS46oNLI50	rs7906904	5.29	5.06	0.102	1.08	24.99	0.1525	10.472	0.209	10.07	10.325	10.446	10.592	11.613	
XRCC6BP1	HRRSH7uYhllHf3Nens	rs7954957	14.84	14.15	-0.287	3.63	-36.2	0.435	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs10431506	26.64	25.37	0.464	4.91	-23.92	0.3071	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs7299249	18.57	17.69	-0.345	3.95	-7.34	0.3775	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs10122	18.68	17.81	-0.348	3.77	-0.42	0.3775	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs7954291	15.32	14.60	-0.295	2.8	9.45	0.3241	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs7974557	11.32	10.80	0.221	1.97	10.73	0.2864	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7uYhllHf3Nens	rs4362183	11.17	10.66	0.221	1.64	12.19	0.2843	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
XRCC6BP1	HRRSH7YhllHf3Nens	rs11172406	15.47	14.75	0.296	3.09	15.55	0.325	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7YhllHf3Nens	rs10506393	12.31	11.74	0.24	2.42	35.67	0.325	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
XRCC6BP1	HRRSH7YhllHf3Nens	rs1506888	8.95	8.54	0.176	1.72	45.92	0.2875	9.034	0.314	8.006	8.883	9.074	9.232	9.733	Yes
	XYLB	3TfgLi67X_ik66OApk	rs11710235	4.19	4.01	-0.083	2.18	0.1432	7.164	0.046	7.097	7.133	7.154	7.179	7.374	
	XYLB	3TfgLi67X_ik66OApk	rs1381798	5.5	5.26	-0.109	2.57	0.2775	7.164	0.046	7.097	7.133	7.154	7.179	7.374	
	YEATS4	QrqfR6IDofHkDnuO.c	rs7307739	3.59	3.44	-0.069	1.71	0.4422	8.222	0.541	7.299	7.824	8.16	8.554	9.805	
	YWHAAH	Wpz7X7s14SZTu7SV0O	rs7291050	3.68	3.53	0.067	1.06	0.2775	12.02	0.271	11.168	11.876	12.026	12.199	12.751	Yes
	ZBTB32	lrZlUUpSYlcSLihHgs	rs2267586	6.79	6.49	-0.135	1.86	-44.46	0.065	7.345	0.136	7.155	7.25	7.318	7.404	8.14
	ZBTB32	lrZlUUpSYlcSLihHgs	rs2227278	10.18	9.71	0.204	2.18	-1.89	0.0775	7.345	0.136	7.155	7.25	7.318	7.404	8.14
	ZCCHC8	uR4QB_ qojuDOF6.lio	rs10744218	3.37	3.23	-0.065	0.68	-15.25	0.3675	7.59	0.29	7.13	7.415	7.513	7.68	8.978
	ZCRB1	K31T3t5K6sizrDqPliU	rs1563419	4.69	4.49	-0.093	0.63	-19.19	0.06	7.943	0.174	7.431	7.832	7.961	8.062	8.458
	ZCRB1	K31T3t5K6sizrDqPliU	rs17121217	5.09	4.87	0.102	0.63	26.65	0.0625	7.943	0.174	7.431	7.832	7.961	8.062	8.458
	ZCRB1	K31T3t5K6sizrDqPliU	rs17091117	5.09	4.87	-0.102	0.63	46.78	0.0625	7.943	0.174	7.431	7.832	7.961	8.062	8.458
	ZDHHC7	o7tEliqEC7q416IZS8	rs12600202	4.3	4.12	-0.078	1.42	-10.2	0.1025	10.807	0.324	10.181	10.587	10.756	10.951	12.159
	ZDHHC7	o7tEliqEC7q416IZS8	rs9936836	3.67	3.51	0.07	1.6	11.02	0.1875	10.807	0.324	10.181	10.587	10.756	10.951	12.159
	ZDHHC7	o7tEliqEC7q416IZS8	rs1392526	3.46	3.32	0.066	1.67	30.6	0.215	10.807	0.324	10.181	10.587	10.756	10.951	12.159
	ZFAND2A	rIU_JFNUR6eeN_vio	rs4236375	4.1	3.92	-0.078	1.14	-48.02	0.4775	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFAND2A	rIU_JFNUR6eeN_vio	rs7788231	3.38	3.24	0.062	1.17	-31.39	0.2475	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFAND2A	rIU_JFNUR6eeN_vio	rs12702440	9.4	8.97	0.182	1.86	5.68	0.4225	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFAND2A	rIU_JFNUR6eeN_vio	rs2960852	9.4	8.97	0.182	1.86	9.17	0.4225	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFAND2A	rIU_JFNUR6eeN_vio	rs2140578	9.02	8.61	0.176	1.59	14.21	0.3894	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFAND2A	rIU_JFNUR6eeN_vio	rs1880296	6.17	5.89	-0.119	0.61	16.41	0.4375	10.228	0.33	9.3	10.002	10.228	10.448	11.256
	ZFHx2	3Cn8BEiNd0mlupeVfs	rs12436235	3.33	3.19	-0.062	0.82	-33.56	0.0825	7.111	0.012	7.089	7.103	7.109	7.116	7.173
	ZFP14	oVEkkEUpe0RI4O74qA	rs2967506	3.56	3.45	0.066	1	-13.83	0.3769	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs12462725	9.17	8.71	-0.179	2.91	-11.99	0.2412	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs2385799	3.5	3.35	0.065	1.19	6.85	0.3325	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs6417185	3.5	3.35	-0.065	1.19	11.5	0.3325	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs2271842	8.72	8.33	0.169	2.64	30.7	0.26	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs17206379	8.72	8.33	-0.169	2.64	32.14	0.26	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP14	oVEkkEUpe0RI4O74qA	rs2945985	3.59	3.43	-0.067	1.19	44.09	0.33	7.939	0.313	7.251	7.709	7.907	8.079	9.099
	ZFP161	fFP6pFLUxSeY.uLoU	rs12604505	4.41	4.22	-0.087	0.54	-37.26	0.0825	10.051	0.261	8.897	9.907	10.082	10.232	10.617
	ZFP161	fFP6pFLUxSeY.uLoU	rs4797206	4.52	4.33	0.091	0.61	-11.78	0.0808	10.051	0.261	8.897	9.907	10.082	10.232	10.617
	ZFP161	fFP6pFLUxSeY.uLoU	rs12456241	4.41	4.22	-0.087	0.54	-9.42	0.0825	10.051	0.261	8.897	9.907	10.082	10.232	10.617
	ZFP28	rskki_JL7hKIU7peSI	rs3813141	3.46	3.22	0.061	2.36	-9.65	0.245	7.346	0.107	7.149	7.279	7.336	7.4	7.804
	ZFP28	rskki_JL7hKIU7peSI	rs10409531	5.02	4.80	0.093	3.28	-2.16	0.3075	7.346	0.107	7.149	7.279	7.336	7.4	7.804
	ZFP28	rskki_JL7hKIU7peSI	rs4401145	5.03	4.81	0.093	3.3	1.46	0.3125	7.346	0.107	7.149	7.279	7.336	7.4	7.804
	ZFP28	rskki_JL7hKIU7peSI	rs2904241	5.85	5.59	0.111	2.6	31.31	0.3425	7.346	0.107	7.149	7.279	7.336	7.4	7.804
	ZFP28	rskki_JL7hKIU7peSI	rs741253	4.43	4.23	0.081	2.6	32.72	0.25	7.346	0.107	7.149	7.279	7.336	7.4	7.804
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs1182968	6.53	6.24	0.132	2.74	0.73	0.2175	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs1645928	6.85	6.55	-0.137	3.27	-10.43	0.2125	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs1645929	4.04	3.86	0.078	2.72	-9.69	0.3875	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs1177648	3.73	3.57	0.071	2.57	-3.03	0.3894	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs1170426	6.67	6.37	0.134	3.14	2.76	0.215	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZFP90	lIUeIOBTKfOJFSX.Kk	rs2862780	6.64	6.35	-0.133	3.7	38.3	0.4146	10.321	0.297	8.367	10.181	10.37	10.5	10.831
	ZHX2	fUleogerJK6eH38JF8	rs10108984	3.84	3.67	-0.067	3.01	-13.19	0.4625	8.89	0.275	7.837	8.705	8.887	9.072	9.534
	ZHX2	fUleogerJK6eH38JF8	rs7844465	3.84	3.67	0.068	2.11	-6.06	0.3719	8.89	0.275	7.837	8.705	8.887	9.072	9.534
	ZKSCAN3	TenH5XAUkfrjx6ujo	rs853679	3.33	3.19	-0.063	2.56	-20.9	0.1683	8.048	0.152	7.682	7.946	8.041	8.138	8.599
	ZKSCAN3	TenH5XAUkfrjx6ujo	rs17312661	3.54	3.39	0.066	0.95	-17.42	0.1497	8.048	0.152	7.682	7.946	8.041	8.138	8.599
	ZMIZ2	3cooh6hCQCnkBBUglTU	rs799449	4.13	3.95	-0.079	1.65	-3.83	0.4775	9.35	0.374	7.286	9.149	9.346	9.561	10.295
	ZMIZ2	3cooh6hCQCnkBBUglTU	rs1050331	6.46	6.17	0.128	3.06	-1.39	0.47	9.35	0.374	7.286	9.149	9.346	9.561	10.295
	ZMIZ2	3cooh6hCQCnkBBUglTU	rs1065646	6.77	6.47	-0.134	3.21	-0.21	0.465	9.35	0.374	7.286	9.149	9.346	9.561	10.295
	ZMIZ2	3cooh6hCQCnkBBUglTU	rs13231886	4.67	4.47	-0.091	1.45	4.69	0.415	9.35	0.374	7.286	9.149	9.346	9.561	10.295
	ZNF100	N1UnOzkkSVN1.97vOk	rs4613201	3.98	3.81	-0.074	1.15	22.14	0.1725	7.127	0.021	7.102	7.113	7.121	7.133	7.273
	ZNF100	N1UnOzkkSVN1.97vOk	rs11670736	4.12	3.94	-0.08	1.13	2.41	0.2475	7.127	0.021	7.102	7.113	7.121	7.133	7.273
	ZNF124	fJDuoCX0jGUVv9IBGI	rs4925715	3.47	3.32	-0.064	1.8	-30.73	0.3025	7.596	0.248	7.12	7.408	7.567	7.761	8.427
	ZNF132	6SgX_SpTdFTkkwplJQ	rs11878198	4.95	4.74	-0.099	0.52	-23.88	0.19	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs11084543	4.95	4.74	0.099	0.52	-11.48	0.19	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs11667591	5.75	5.49	0.116	0.78	-6.54	0.185	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs11670871	5.35	5.12	-0.108	0.85	-3.67	0.1875	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs1465789	6.79	6.49	0.137	1.1	1.87	0.45	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs893186	6.9	6.59	0.138	1.53	17.59	0.4375	7.339	0.114	7.146	7.249	7.326	7.403	7.707
	ZNF132	6SgX_SpTdFTkkwplJQ	rs893185	6.3	6.02	-0.125	1.15	37.91	0.4375	7.339	0.114	7.146	7.249	7.326	7.403	7.707

Symbol	Lumi nuID	SNP	Population-based association			Family-based association			Transcript abundance (log2 scale)						SNP mapping under probe	
			p-value (-log10)	GC adj.	% Variance Explained	p-value (-log10)	Distance from transcript (kb)	MAF	Mean	Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
ZNF160	iqFSd9_SUegnjRei4I	rs4801950	15.1	14.40	-0.298	3.79	12.95	0.095	7.332	0.131	7.127	7.228	7.318	7.396	7.871	
ZNF160	iqFSd9_SUegnjRei4I	rs329719	15.1	14.40	0.298	3.55	-17.63	0.095	7.332	0.131	7.127	7.228	7.318	7.396	7.871	
ZNF160	iqFSd9_SUegnjRei4I	rs4411612	3.29	3.16	0.061	1.27	-7.06	0.44	7.332	0.131	7.127	7.228	7.318	7.396	7.871	
ZNF160	iqFSd9_SUegnjRei4I	rs4801954	5.68	5.43	0.11	1.95	-5.83	0.28	7.332	0.131	7.127	7.228	7.318	7.396	7.871	
ZNF160	iqFSd9_SUegnjRei4I	rs17300167	8.01	7.65	0.159	2.31	-1.63	0.05	7.332	0.131	7.127	7.228	7.318	7.396	7.871	
ZNF167	Kumi_5RcTIUOICAnXo	rs2141574	7.16	6.84	0.145	4.11	-19.48	0.3528	7.143	0.041	7.095	7.118	7.13	7.154	7.359	
ZNF167	Kumi_5RcTIUOICAnXo	rs9868821	6.37	6.09	-0.13	4.67	-15.37	0.3518	7.143	0.041	7.095	7.118	7.13	7.154	7.359	
ZNF167	Kumi_5RcTIUOICAnXo	rs13081859	6.12	5.85	0.124	4.77	10.3	0.335	7.143	0.041	7.095	7.118	7.13	7.154	7.359	
ZNF167	Kumi_5RcTIUOICAnXo	rs13319803	16.76	15.98	-0.317	6.79	10.49	0.3725	7.143	0.041	7.095	7.118	7.13	7.154	7.359	
ZNF167	Kumi_5RcTIUOICAnXo	rs13321717	17.02	16.23	-0.323	6.71	42.48	0.3819	7.143	0.041	7.095	7.118	7.13	7.154	7.359	
ZNF181	WioLFS9QszV89xJlgc	rs7257305	3.82	3.66	0.075	1	23.42	0.1175	7.978	0.495	7.118	7.588	7.901	8.277	9.194	
ZNF193	QHkF09INI11ES6eJ60	rs1233708	4.34	4.15	0.088	2.02	-19.85	0.34	7.591	0.252	7.146	7.41	7.557	7.715	8.509	
ZNF193	QHkF09INI11ES6eJ60	rs12214383	4.95	4.73	-0.096	2.57	22.47	0.4525	7.591	0.252	7.146	7.41	7.557	7.715	8.509	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs7110568	3.59	3.44	-0.073	2.81	-15.26	0.1625	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs1018002	3.59	3.44	-0.073	2.95	-7.86	0.1625	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs10839658	8.53	8.15	0.172	4.17	-5.18	0.34	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs12806437	3.39	3.25	0.063	1.03	-4.96	0.1775	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs1491823	9.95	9.50	-0.199	4.56	0.48	0.305	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs1602569	7.83	7.48	-0.157	3.69	10.94	0.3325	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF215	EnnKOZ3IRU6V7HoMEo	rs10742995	6.61	6.32	0.132	2.1	-0.62	0.3392	7.157	0.041	7.101	7.13	7.148	7.168	7.36	
ZNF233	6eeTjbfhgQsXCAY6fU	rs12462723	3.38	3.24	-0.067	2.33	5.9	0.485	7.138	0.034	7.101	7.119	7.129	7.147	7.339	
ZNF233	6eeTjbfhgQsXCAY6fU	rs2125579	3.73	3.58	0.075	2.66	13.23	0.485	7.138	0.034	7.101	7.119	7.129	7.147	7.339	
ZNF239	c12cHhPJU9K30S20x4	rs2393938	10.67	10.18	-0.205	2.88	-0.1	0.0925	7.926	0.234	7.31	7.772	7.941	8.076	8.591	
ZNF239	c12cHhPJU9K30S20x4	rs7075288	3.44	3.30	0.065	1.43	6.68	0.3375	7.926	0.234	7.31	7.772	7.941	8.076	8.591	
ZNF239	c12cHhPJU9K30S20x4	rs10793449	4.19	4.01	-0.078	2.04	32.85	0.2675	7.926	0.234	7.31	7.772	7.941	8.076	8.591	
ZNF266	6JQoSIXoEjn9POI1lo	rs2217652	11.84	11.29	0.235	5.69	-32.46	0.4171	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs1433062	9.41	8.98	0.19	3.64	-29	0.4775	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs8112842	13.23	12.62	0.258	6.26	-24.96	0.4325	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs6512121	14.29	13.62	0.277	6.68	10.53	0.4325	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs10411141	14.03	13.37	-0.273	6.53	-10.03	0.43	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs6512130	10.17	9.71	0.205	3.68	0.12	0.4825	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF266	6JQoSIXoEjn9POI1lo	rs7257399	3.6	3.45	0.07	1.7	34.63	0.4822	10.37	0.455	7.829	10.119	10.377	10.656	12.073	
ZNF30	KOLVMVwi3ii7qC59u4	rs2862783	3.43	3.28	-0.067	1.71	-47.58	0.4103	8.741	0.298	7.534	8.548	8.748	8.959	9.439	Yes
ZNF30	KOLVMVwi3ii7qC59u4	rs1345655	4.54	4.35	-0.09	1.91	-37.48	0.3668	8.741	0.298	7.534	8.548	8.748	8.959	9.439	Yes
ZNF30	KOLVMVwi3ii7qC59u4	rs10518287	3.31	3.17	-0.062	1.79	-18.48	0.355	8.741	0.298	7.534	8.548	8.748	8.959	9.439	Yes
ZNF30	KOLVMVwi3ii7qC59u4	rs2545995	3.74	3.59	-0.072	1.62	-5.57	0.3675	8.741	0.298	7.534	8.548	8.748	8.959	9.439	Yes
ZNF30	KOLVMVwi3ii7qC59u4	rs2546000	4.12	3.95	-0.081	1.73	2.57	0.3775	8.741	0.298	7.534	8.548	8.748	8.959	9.439	Yes
ZNF365	if7UTqW_F8i8Ka_f.4	rs7086545	3.72	3.56	-0.071	1.26	-47.43	0.33	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs7919462	4.33	4.15	-0.086	1.66	-45.3	0.4275	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs3864811	3.72	3.56	-0.072	1.11	-35.08	0.3291	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs7092864	3.72	3.56	-0.071	1.11	-28.63	0.33	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs1907707	4.86	4.65	0.097	1.65	-16.11	0.4325	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs3852425	3.36	3.22	0.064	1.2	-12.73	0.4425	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs2306970	3.66	3.51	-0.069	0.83	-3.46	0.3125	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs3758490	4.95	4.73	-0.096	1.78	-2.87	0.42	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs10821993	5.9	5.64	-0.117	2.06	1.45	0.4	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs4309048	5.82	5.56	0.116	1.72	12.12	0.3643	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs7912735	5.79	5.54	0.115	1.8	15.65	0.375	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF365	if7UTqW_F8i8Ka_f.4	rs4636539	4.8	4.60	0.093	1.39	20.52	0.395	7.803	0.256	7.27	7.619	7.809	7.932	8.571	
ZNF37A	iqgws3ROkrkqQliqol	rs7897675	4.32	4.13	-0.08	1.22	-3.71	0.065	7.372	0.09	7.204	7.305	7.37	7.431	7.713	Yes
ZNF37A	iqgws3ROkrkqQliqol	rs17588142	4.3	4.12	-0.08	1.07	15.43	0.0675	7.372	0.09	7.204	7.305	7.37	7.431	7.713	Yes
ZNF415	WRChu6SKfT8rdEHRyE	rs1650929	5.36	5.12	0.105	2.16	-0.13	0.32	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs2195310	6.54	6.25	0.134	2.67	9.15	0.3147	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs10423215	12.84	12.24	-0.255	2.66	12.93	0.135	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs4575636	6.17	5.90	0.126	2.62	19.35	0.33	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs4801958	3.92	3.75	-0.076	0.75	31.66	0.4	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs10409924	6.35	6.07	-0.129	0.95	32.4	0.1558	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs12460170	3.92	3.75	-0.076	0.92	33.35	0.4	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF415	WRChu6SKfT8rdEHRyE	rs8102278	6.57	6.27	-0.133	1.16	43.8	0.1583	7.444	0.226	7.115	7.265	7.404	7.576	8.551	
ZNF418	B1JeWdeh5Xs3C10MBU	rs1428175	3.67	3.51	0.07	2.21	19.21	0.25	7.289	0.166	7.117	7.17	7.246	7.325	8.221	
ZNF418	B1JeWdeh5Xs3C10MBU	rs10424113	3.76	3.60	-0.072	2.44	23.78	0.2475	7.289	0.166	7.117	7.17	7.246	7.325	8.221	
ZNF480	ZKgSyEanzq6K_olo4I	rs8112051	3.46	3.32	-0.064	1.71	-14.03	0.3975	9.125	0.255	8.286	8.969	9.109	9.281	9.981	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe	
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile		Maximum
ZNF480	ZKgSyEanzq6K_olo4l	rs13343641	3.58	3.43	0.066	1.86	-4.14	0.2025	9.125	0.255	8.286	8.969	9.109	9.281	9.981	
ZNF480	ZKgSyEanzq6K_olo4l	rs2115075	4.01	3.84	0.075	2.11	3.65	0.3625	9.125	0.255	8.286	8.969	9.109	9.281	9.981	
ZNF480	ZKgSyEanzq6K_olo4l	rs167707	3.79	3.63	0.071	2.02	10.77	0.3375	9.125	0.255	8.286	8.969	9.109	9.281	9.981	
ZNF483	NkvQinevaolno6LODU	rs7868884	5.41	5.17	0.108	5.84	-35.74	0.29	7.188	0.049	7.109	7.155	7.179	7.207	7.43	
ZNF483	NkvQinevaolno6LODU	rs7857580	4.11	3.93	0.084	3.1	-10.49	0.38	7.188	0.049	7.109	7.155	7.179	7.207	7.43	
ZNF484	9udTIEPOu6odIK4UKU	rs10992498	3.56	3.41	-0.064	1.54	-15.4	0.1425	7.855	0.149	7.46	7.749	7.842	7.931	8.469	
ZNF502	BXKe_uXlhSKIIERyhw	rs7640654	16.32	15.56	0.306	4.36	-2.29	0.4575	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF502	BXKe_uXlhSKIIERyhw	rs4682752	12.03	11.47	0.234	4.33	10.64	0.4625	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF502	BXKe_uXlhSKIIERyhw	rs9311361	15.54	14.81	-0.294	4.36	30.81	0.4675	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF502	BXKe_uXlhSKIIERyhw	rs937834	12.32	11.75	0.24	4.05	38.4	0.4648	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF502	BXKe_uXlhSKIIERyhw	rs7653392	12.03	11.47	0.234	4.33	40.55	0.4625	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF502	BXKe_uXlhSKIIERyhw	rs6441867	12.03	11.47	0.234	4.33	44.78	0.4625	7.472	0.214	7.102	7.321	7.462	7.612	8.28	
ZNF543	oQlpOTM7Kju4f0S_0U	rs9304791	3.57	3.42	-0.07	1.51	-0.37	0.065	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF543	oQlpOTM7Kju4f0S_0U	rs4801468	3.77	3.61	-0.073	1.75	3.43	0.3375	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF543	oQlpOTM7Kju4f0S_0U	rs7249011	6.71	6.41	-0.133	0.91	3.97	0.36	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF543	oQlpOTM7Kju4f0S_0U	rs13345625	7.4	7.07	-0.15	2.43	4.04	0.3116	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF543	oQlpOTM7Kju4f0S_0U	rs8099984	8.01	7.65	-0.16	3.21	1.78	0.4025	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF543	oQlpOTM7Kju4f0S_0U	rs2016993	4.17	3.99	-0.081	0.48	3.19	0.245	7.958	0.252	7.104	7.805	7.982	8.118	8.54	
ZNF544	9i6p9OFO5NIPI6LuR4	rs431093	3.34	3.20	0.063	0.65	10.61	0.4025	9.555	0.28	8.55	9.349	9.55	9.722	10.435	
ZNF545	uioiKXngV7fthNRQJE	rs12462725	7.32	6.99	0.133	4.1	-24.78	0.2412	8.6	0.265	7.902	8.446	8.598	8.746	9.319	
ZNF545	uioiKXngV7fthNRQJE	rs8111845	4.04	3.86	0.072	2.29	-6.02	0.3636	8.6	0.265	7.902	8.446	8.598	8.746	9.319	
ZNF545	uioiKXngV7fthNRQJE	rs2271842	7.2	6.88	-0.13	5.09	-8.77	0.26	8.6	0.265	7.902	8.446	8.598	8.746	9.319	
ZNF545	uioiKXngV7fthNRQJE	rs17206379	7.2	6.88	0.13	5.23	-7.33	0.26	8.6	0.265	7.902	8.446	8.598	8.746	9.319	
ZNF548	xdUITK_f.Z3vj7ft44	rs862707	4.08	3.90	0.08	0.65	-34.34	0.1608	9.067	0.307	8.224	8.897	9.058	9.258	10.124	
ZNF548	xdUITK_f.Z3vj7ft44	rs12980669	4.22	4.00	0.082	0.66	29.22	0.11	9.067	0.307	8.224	8.897	9.058	9.258	10.124	
ZNF586	f9SXILtg3SEI5Rc_V4	rs2239986	3.79	3.63	0.072	1.67	-49.23	0.455	10.617	0.275	9.591	10.453	10.63	10.81	11.19	
ZNF586	f9SXILtg3SEI5Rc_V4	rs9748978	3.42	3.42	-0.067	1.35	-31.93	0.4825	10.617	0.275	9.591	10.453	10.63	10.81	11.19	
ZNF586	f9SXILtg3SEI5Rc_V4	rs10422444	3.5	3.36	-0.066	1.71	-2.61	0.43	10.617	0.275	9.591	10.453	10.63	10.81	11.19	
ZNF589	0IKDp61p.7UdXdHol	rs1045482	3.52	3.37	0.064	1.89	-0.25	0.3075	8.921	0.479	7.998	8.512	8.932	9.234	10.945	
ZNF593	cOhLhkKHKeoqJuUFx8	rs4281320	3.29	3.15	0.06	0.89	-14.07	0.195	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF593	cOhLhkKHKeoqJuUFx8	rs11247860	6.09	5.82	0.118	5.49	2.85	0.3894	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF593	cOhLhkKHKeoqJuUFx8	rs2783628	3.35	3.21	-0.063	3.38	4.46	0.32	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF593	cOhLhkKHKeoqJuUFx8	rs2783633	3.35	3.21	-0.063	3.38	7.9	0.32	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF593	cOhLhkKHKeoqJuUFx8	rs12138368	4	3.83	0.075	2.1	22.93	0.11	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF593	cOhLhkKHKeoqJuUFx8	rs12145714	10.38	9.90	-0.198	4.59	29.89	0.255	9.33	0.327	8.378	9.124	9.309	9.54	10.74	
ZNF654	r5eFFx7DkgkfinTfkQ	rs7432826	4.09	3.91	-0.076	3.18	-0.45	0.1175	8.253	0.318	7.146	8.031	8.283	8.46	8.952	
ZNF654	r5eFFx7DkgkfinTfkQ	rs7432838	5.33	5.03	0.102	2.91	-0.41	0.1525	8.253	0.318	7.146	8.031	8.283	8.46	8.952	
ZNF690	3JGIA1ORqAJ94RLSdU	rs7048	3.31	3.17	-0.062	2.34	-33.2	0.115	7.308	0.135	7.11	7.217	7.279	7.386	8.053	Yes
ZNF690	3JGIA1ORqAJ94RLSdU	rs9920879	7.42	7.09	-0.147	1.53	-13.5	0.33	7.308	0.135	7.11	7.217	7.279	7.386	8.053	Yes
ZNF690	3JGIA1ORqAJ94RLSdU	rs6493084	7.42	7.09	-0.147	1.53	-5.64	0.33	7.308	0.135	7.11	7.217	7.279	7.386	8.053	Yes
ZNF690	3JGIA1ORqAJ94RLSdU	rs12912744	7.35	7.02	-0.147	3.33	-3.17	0.225	7.308	0.135	7.11	7.217	7.279	7.386	8.053	Yes
ZNF690	3JGIA1ORqAJ94RLSdU	rs3809482	7.42	7.09	0.147	1.53	-0.31	0.33	7.308	0.135	7.11	7.217	7.279	7.386	8.053	Yes
ZNF696	INm_u3iKi_iJ6_u6Kg	rs7464066	10.04	9.58	0.2	4.27	-43.14	0.41	8.433	0.24	7.772	8.274	8.452	8.59	9.261	
ZNF696	INm_u3iKi_iJ6_u6Kg	rs7815716	10.04	9.58	-0.2	4.27	-36.24	0.41	8.433	0.24	7.772	8.274	8.452	8.59	9.261	
ZNF696	INm_u3iKi_iJ6_u6Kg	rs10090179	10.04	9.58	-0.2	4.27	-34.54	0.41	8.433	0.24	7.772	8.274	8.452	8.59	9.261	
ZNF696	INm_u3iKi_iJ6_u6Kg	rs6651422	9.35	8.92	0.187	3.72	-3.28	0.44	8.433	0.24	7.772	8.274	8.452	8.59	9.261	
ZNF696	INm_u3iKi_iJ6_u6Kg	rs1122242	8.69	8.30	0.173	3.55	7.32	0.415	8.433	0.24	7.772	8.274	8.452	8.59	9.261	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2360764	4.72	4.51	0.096	0.17	2.12	0.375	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2074058	6.78	6.48	0.137	1.61	3.96	0.2825	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2285609	4.72	4.51	-0.096	0.17	2.12	0.375	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2285611	4.72	4.51	-0.096	0.17	3.14	0.375	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2074071	3.96	3.79	0.079	0.09	14.64	0.315	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs2360761	3.96	3.79	0.079	0.09	18.85	0.315	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF772	i5.uI5D0pzfrOLxO9E	rs6510089	5.68	5.43	-0.116	1.33	46.83	0.3417	7.423	0.18	7.12	7.298	7.405	7.527	8.027	
ZNF80	cf6X3slqn3Ulk7Ry.0	rs3732781	5.79	5.54	0.115	1.56	-1.34	0.2675	7.385	0.166	7.121	7.272	7.351	7.464	8.1	
ZNF80	cf6X3slqn3Ulk7Ry.0	rs1354350	7.48	7.15	-0.149	3.16	3.92	0.304	7.385	0.166	7.121	7.272	7.351	7.464	8.1	
ZNF818	uAtOPu9LuV91UqUek	rs8103620	4.07	3.90	0.079	0.69	-18.29	0.4725	7.273	0.114	7.111	7.196	7.255	7.324	7.987	
ZNF83	cbk58J.xUpNAFoE0So	rs8108275	3.58	3.43	0.069	2.99	-0.07	0.1111	10.497	0.617	7.408	10.116	10.537	10.938	12.134	
ZNF83	cbk58J.xUpNAFoE0So	rs12978409	3.36	3.22	-0.065	2.17	42.57	0.1	10.497	0.617	7.408	10.116	10.537	10.938	12.134	
ZNF84	6AhHqBH5V0syx7QqCU	rs7970251	7.01	6.72	0.144	3.37	1.7	0.4475	9.299	0.302	8.252	9.131	9.292	9.466	10.206	
ZNF84	6AhHqBH5V0syx7QqCU	rs905227	6.88	6.57	-0.142	3.13	-7.29	0.4447	9.299	0.302	8.252	9.131	9.292	9.466	10.206	
ZNF84	6AhHqBH5V0syx7QqCU	rs3805728	3.39	3.24	0.065	2.05	-2.65	0.235	9.299	0.302	8.252	9.131	9.292	9.466	10.206	

Symbol	Lumi nuID	SNP	Population-based	Population-based	% Variance Explained	Family-based	Distance from transcript (kb)	MAF	Mean	Transcript abundance (log2 scale)					SNP mapping under probe
			association p-value (-log10)	association p-value (-log10), GC adj.		association p-value (-log10)				Standard Deviation	Minimum	25th percentile	Median	75th percentile	
ZNF84	6AhHqBH5V0syx7QqCU	rs2259444	4.34	4.15	-0.083	2.53	6.31	0.4025	9.299	0.302	8.252	9.131	9.292	9.466	10.206
ZNF84	6AhHqBH5V0syx7QqCU	rs595241	5.7	5.45	-0.114	2.72	18.39	0.465	9.299	0.302	8.252	9.131	9.292	9.466	10.206
ZNF84	6AhHqBH5V0syx7QqCU	rs3749826	4.39	4.20	-0.087	2.75	20.71	0.3075	9.299	0.302	8.252	9.131	9.292	9.466	10.206
ZNF93	iR4i94Hx3sFNUB11Sk	rs13344370	3.96	3.79	0.077	3.28	9.26	0.2275	7.367	0.105	7.111	7.298	7.354	7.421	7.701
ZNF93	iR4i94Hx3sFNUB11Sk	rs6511061	4.61	4.41	-0.094	2.18	9.06	0.09	7.367	0.105	7.111	7.298	7.354	7.421	7.701
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs6963357	3.73	3.57	0.073	1.14	-18.94	0.35	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs7780012	3.92	3.75	0.075	0.36	-5.51	0.17	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs7809377	6.46	6.18	0.129	2.72	-1.5	0.155	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs6954833	6.65	6.36	0.135	2.4	-12.11	0.24	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs10248903	7.12	6.80	0.145	2.5	-8.88	0.255	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs6952409	10.3	9.83	0.209	2.84	-7.62	0.2337	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs11980379	8.45	8.07	0.173	2.67	-0.58	0.31	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs4132601	8.45	8.07	0.173	2.67	0.04	0.31	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs6944602	10.27	9.80	0.21	2.65	3.19	0.2296	10.93	0.811	7.7	10.508	10.888	11.376	13.216
ZNFN1A1	6VYPhBUB3UhNFB7VeY	rs7792486	16.42	15.65	-0.317	2.8	15.75	0.0525	10.93	0.811	7.7	10.508	10.888	11.376	13.216
eIF2A	cSP6RcdeVRikRRgEe0	rs13072593	3.52	3.37	0.065	0.99	-13.54	0.2475	11.402	0.345	9.842	11.229	11.431	11.637	12.03
eIF2A	cSP6RcdeVRikRRgEe0	rs7631671	7.14	6.82	-0.133	3.5	-9.26	0.1608	11.402	0.345	9.842	11.229	11.431	11.637	12.03
eIF2A	cSP6RcdeVRikRRgEe0	rs2868945	4.87	4.66	0.09	1.79	20.39	0.1281	11.402	0.345	9.842	11.229	11.431	11.637	12.03
raptor	HZO6dbQ0vRZTcQSSal	rs12949279	3.97	3.80	0.078	2.5	39.34	0.4275	7.171	0.085	7.101	7.128	7.144	7.18	7.727
raptor	HZO6dbQ0vRZTcQSSal	rs12940622	4.01	3.84	0.079	2.29	96.5	0.4275	7.171	0.085	7.101	7.128	7.144	7.18	7.727