Table S1. Differentially expressed transcripts between coronary artery disease patients and healthy controls

Ensembl gene ID	External gene name	Gene biotype	logFC	Average expression	t	p-value	Adjusted p-value	B
ENSG00000198840	MT-ND3	protein_coding	1.604174679	13.0495984	10.84882707	2.27E-18	9.38E-15	31.24858895
ENSG00000198727	MT-CYB	protein_coding	1.621591402	11.95707026	10.64556018	6.16E-18	9.84E-15	30.27762148
ENSG00000198712	MT-CO2	protein_coding	1.594654126	14.08926813	10.61565934	7.14E-18	9.84E-15	30.13460165
ENSG00000198786	MT-ND5	protein_coding	1.624544352	11.8210155	10.54046413	1.03E-17	1.07E-14	29.77473405
ENSG00000198888	MT-ND1	protein_coding	1.712441335	14.44860959	10.27569082	3.82E-17	3.16E-14	28.50555259
ENSG00000165119	HNRNPK	protein_coding	-1.100009952	8.594659189	-10.14679858	7.21E-17	4.97E-14	27.88673386
ENSG00000198899	MT-ATP6	protein_coding	1.570879303	14.09565099	10.00960654	1.41E-16	8.00E-14	27.22488333
ENSG00000212907	MT-ND4L	protein_coding	1.509957202	11.9198163	9.934229861	1.55E-16	8.00E-14	27.14990107
ENSG00000198886	MT-ND4	protein_coding	1.580930862	13.20788832	9.92777788	2.13E-16	9.79E-14	26.83490456
ENSG00000198763	MT-ND2	protein_coding	1.502088528	14.29259494	9.899991294	2.44E-16	1.01E-13	26.70045733
ENSG00000198804	MT-CO1	protein_coding	1.513354849	13.08537675	9.787238386	4.27E-16	1.61E-13	26.15808343
ENSG00000198938	MT-CO3	protein_coding	1.567832124	12.686348	9.59068724	1.13E-15	3.89E-13	25.21225841
ENSG00000198695	MT-ND6	protein_coding	1.66112451	13.2678826	9.535833878	1.48E-15	4.71E-13	24.9482142
ENSG00000228253	MT-ATP8	protein_coding	1.572489796	14.73095174	9.191536729	8.05E-15	2.38E-12	23.30125036
ENSG00000167283	ATP5MG	protein_coding	-1.158546362	7.332260372	-9.432581495	3.43E-13	8.57E-11	19.65221022
ENSG00000156411	ATP5MJ	protein_coding	-1.002657878	7.503652921	-7.683759595	1.32E-11	2.28E-09	16.10269853
ENSG00000198258	UBL5	protein_coding	-1.189100182	7.38273562	-7.668496056	1.42E-11	2.35E-09	16.01010148
ENSG00000171243	ING3	protein_coding	-1.462443061	3.098273883	-7.611669126	1.87E-11	2.86E-09	15.76439447
ENSG00000108774	RAB5C	protein_coding	-1.154633991	4.999088374	-7.237198864	1.13E-10	1.20E-08	14.01974578
ENSG00000072756	TRNT1	protein_coding	-1.031976113	4.229376127	-7.058687675	2.63E-10	2.27E-08	13.19654055
ENSG00000254584	LINC03031	lncRNA	1.182146186	5.491628181	6.824356545	7.94E-10	5.37E-08	12.12552607
ENSG00000171532	NEUROD2	protein_coding	1.215734358	3.927027484	6.811209908	8.44E-10	5.54E-08	12.06578681
ENSG00000103363	ELOB	protein_coding	-1.125240943	6.882239093	-6.763957993	1.05E-09	6.47E-08	11.85139102
ENSG00000163950	SLBP	protein_coding	-1.040400037	5.155175519	-6.712938516	1.34E-09	7.57E-08	11.62047374
ENSG00000128524	ATP6V1F	protein_coding	-1.00733538	5.153560446	-6.685968569	1.52E-09	8.25E-08	11.49865143
ENSG00000205707	ETFRF1	protein_coding	-1.106495329	5.394099548	-6.673083739	1.61E-09	8.53E-08	11.44051188
ENSG00000138767	CNOT6L	protein_coding	-1.026428763	3.976249475	-6.551774331	2.83E-09	1.37E-07	10.8951099
ENSG00000022567	SLC45A4	protein_coding	-1.035839433	5.19580162	-6.527796346	3.16E-09	1.48E-07	10.78773935
ENSG00000229140	CCDC26	lncRNA	1.093962377	4.361662786	6.490712951	3.75E-09	1.74E-07	10.62197407
ENSG00000084463	WBP11	protein_coding	-1.0909764	5.541378039	-6.338290073	7.54E-09	3.00E-07	9.944450239
ENSG00000127125	PPCS	protein_coding	-1.083636622	4.267332764	-6.311287172	8.53E-09	3.30E-07	9.825082604
ENSG00000185088	RPS27L	protein_coding	-1.021490942	4.356361406	-6.29268952	9.29E-09	3.53E-07	9.742989842
ENSG00000164919	COX6C	protein_coding	-1.179173344	8.367881624	-6.269889372	1.03E-08	3.71E-07	9.642480471
ENSG00000064666	CNN2	protein_coding	-1.075671739	4.486542297	-6.214502692	1.33E-08	4.57E-07	9.398943119
ENSG00000121410	A1BG	protein_coding	-1.444859908	3.166226628	-6.159666911	1.73E-08	5.63E-07	9.142526278
ENSG00000135441	BLOC1S1	protein_coding	-1.18930251	5.642368742	-5.996398351	3.54E-08	9.97E-07	8.448866348
ENSG00000163634	THOC7	protein_coding	-1.002637553	3.991550251	-5.988441078	3.67E-08	1.01E-06	8.414486126
ENSG00000140319	SRP14	protein_coding	-1.02997368	6.667705024	-5.983062607	3.76E-08	1.02E-06	8.391258057
ENSG00000143156	NME7	protein_coding	-1.001840635	2.708102331	-5.95074163	4.34E-08	1.16E-06	8.251869911
ENSG00000175768	TOMM5	protein_coding	-1.231388254	5.233406608	-5.949584971	4.37E-08	1.16E-06	8.246887966
ENSG00000187051	RPS19BP1	protein_coding	-1.016203935	3.64338659	-5.941409136	4.53E-08	1.19E-06	8.21168559
ENSG00000058091	CDK14	protein_coding	-1.05068569	3.90115267	-5.917969009	5.03E-08	1.27E-06	8.110881887
ENSG00000188529	SRSF10	protein_coding	-1.021339155	4.92384269	-5.884900806	5.82E-08	1.44E-06	7.962898191
ENSG00000183621	ZNF438	protein_coding	-1.153130457	8.029777191	-5.872623093	6.15E-08	1.50E-06	7.916389545
ENSG00000177479	ARIH2	protein_coding	-1.041614043	5.02450153	-5.86047015	6.27E-08	1.51E-06	7.89861161
ENSG00000272047	GTF2H5	protein_coding	-1.038061733	2.797955635	-5.799697833	8.49E-08	1.86E-06	7.607562292
ENSG00000154723	ATP5PF	protein_coding	-1.040375546	6.794209778	-5.752974268	1.04E-07	2.19E-06	7.405566681
ENSG00000237765	FAM200B	protein_coding	-1.055599332	4.69370575	-5.715810161	1.23E-07	2.44E-06	7.24921244
ENSG00000204272	NBDY	protein_coding	-1.073712134	3.247866074	-5.689030396	1.38E-07	2.70E-06	7.13613828
ENSG00000117748	RPA2	protein_coding	-1.130138715	2.38161374	-5.584112235	2.18E-07	3.99E-06	6.695648362
ENSG00000165502	RPL36AL	protein_coding	-1.223257608	7.878832013	-5.574983599	2.27E-07	4.08E-06	6.657515263
ENSG00000147684	NDUFB9	protein_coding	-1.057331454	4.132444754	-5.56151484	2.41E-07	4.28E-06	6.601309355
ENSG00000188428	BLOC1S5	protein_coding	-1.062525245	3.325561907	-5.523279081	2.84E-07	4.92E-06	6.44212362
ENSG00000182899	RPL35A	protein_coding	-1.179933466	7.712192777	-5.496815681	3.18E-07	5.40E-06	6.332276571
ENSG00000115942	ORC2	protein_coding	-1.050545537	3.045280467	-5.44772921	3.93E-07	6.34E-06	6.129241607
ENSG00000205323	SARNP	protein_coding	-1.042349166	4.396853169	-5.427153677	4.29E-07	6.81E-06	6.044416386
ENSG00000140990	NDUFB10	protein_coding	-1.009759662	4.945270177	-5.391594214	5.00E-07	7.65E-06	5.898213858
ENSG00000170906	NDUFA3	protein_coding	-1.17484744	4.153596378	-5.386194523	5.12E-07	7.75E-06	5.876057226
ENSG00000122033	MTIF3	protein_coding	-1.190822813	3.678952723	-5.383747268	5.17E-07	7.80E-06	5.866019227
ENSG00000229666	MAST4-AS1	lncRNA	-1.360666656	3.311238124	-5.350350912	5.96E-07	8.71E-06	5.729277486
ENSG00000112695	COX7A2	protein_coding	-1.055062618	3.971683614	-5.346209289	6.07E-07	8.71E-06	5.712351062
ENSG00000121067	SPOP	protein_coding	-1.007813334	2.464683525	-5.318171259	6.83E-07	9.65E-06	5.597946431
ENSG00000134884	ARGLU1	protein_coding	-1.038717441	3.358217518	-5.253614994	8.98E-07	1.18E-05	5.33576859
ENSG00000005075	POLR2J	protein_coding	-1.101494414	5.138882403	-5.246503209	9.25E-07	1.20E-05	5.306992358
ENSG00000173418	NAA20	protein_coding	-1.116857296	2.245257428	-5.236821732	9.64E-07	1.23E-05	5.267852688
ENSG00000123219	CENPK	protein_coding	-1.011541618	3.745168877	-5.199917533	1.13E-06	1.40E-05	5.119022911
ENSG00000155438	NIFK	protein_coding	-1.282560926	4.819229881	-5.192467943	1.16E-06	1.43E-05	5.089050114
ENSG00000164405	UQCRQ	protein_coding	-1.180868806	3.469142223	-5.173002457	1.26E-06	1.52E-05	5.010844819
ENSG00000250153	ARPC4-TTLL3	protein_coding	-1.059431393	3.757502867	-5.158799568	1.34E-06	1.59E-05	4.953085358
ENSG00000239900	ADSL	protein_coding	-1.00835159	4.973888302	-5.149812323	1.39E-06	1.64E-05	4.91788869
ENSG00000169976	SF3B5	protein_coding	-1.215343634	2.824523775	-5.132030271	1.49E-06	1.74E-05	4.846768771
ENSG00000114125	RNF7	protein_coding	-1.088644705	3.332183613	-5.105193735	1.67E-06	1.90E-05	4.73969718
ENSG00000164182	NDUFAF2	protein_coding	-1.275426296	2.985255792	-5.087685799	1.80E-06	2.01E-05	4.670015598
ENSG00000144029	MRPS5	protein_coding	-1.026189485	3.608074257	-5.081519114	1.84E-06	2.07E-05	4.645504535
ENSG00000213462	ERV3-1	protein_coding	-1.485441578	5.170146639	-5.058595136	2.03E-06	2.25E-05	4.554535785
ENSG00000166562	SEC11C	protein_coding	-1.189791438	2.831823798	-5.041969216	2.17E-06	2.38E-05	4.48870659
ENSG00000181610	MRPS23	protein_coding	-1.218982506	3.877569052	-5.033852169	2.26E-06	2.40E-05	4.474401596
ENSG00000227195	MIR663AHG	lncRNA	-1.579185883	3.043756578	-5.030055917	2.28E-06	2.45E-05	4.443572593
ENSG00000145736	GTF2H2	protein_coding	-1.248813097	2.850014674	-5.01529735	2.42E-06	2.56E-05	4.38336139
ENSG00000196683	TOMM7	protein_coding	-1.193621384	5.341699141	-5.012711964	2.45E-06	2.59E-05	4.373167027
ENSG00000114956	DGUOK	protein_coding	-1.040323953	3.191754764	-4.992606164	2.66E-06	2.73E-05	4.293992612
ENSG00000121851	POLR3GL	protein_coding	-1.054620158	4.345218905	-4.965760959	2.97E-06	2.95E-05	4.188567502
ENSG00000173113	TRMT112	protein_coding	-1.149029417	3.942571093	-4.961444706	3.02E-06	3.00E-05	4.171647869
ENSG00000183648	NDUFB1	protein_coding	-1.060668943	7.071378585	-4.941263205	3.28E-06	3.19E-05	4.092651078
ENSG00000256053	COA8	protein_coding	-1.040295791	3.730276587	-4.926327283	3.49E-06	3.36E-05	4.034308924
ENSG00000163682	RPL9	protein_coding	-1.208035697	6.399182707	-4.898337195	3.91E-06	3.63E-05	3.932525863
ENSG00000152795	HNRNPDL	protein_coding	-1.083805973	4.59854764	-4.884595618	4.14E-06	3.80E-05	3.871851678
ENSG00000162385	MAGOH	protein_coding	-1.163090502	4.399819502	-4.865130077	4.48E-06	4.05E-05	3.796355237
ENSG00000099624	ATP5F1D	protein_coding	-1.06981945	4.061906214	-4.862404559	4.53E-06	4.08E-05	3.785798777
ENSG00000138382	METTL5	protein_coding	-1.108999113	3.22599111	-4.860932517	4.55E-06	4.08E-05	3.780098728
ENSG00000139343	SNRPF	protein_coding	-1.181663316	4.672807308	-4.849953877	4.76E-06	4.19E-05	3.737619839
ENSG00000168275	COA6	protein_coding	-1.325299821	3.193921881	-4.847788854	4.80E-06	4.21E-05	3.72924966
ENSG00000273841	TAF9	protein_coding	-1.048174246	2.843500181	-4.841835548	4.92E-06	4.29E-05	3.706245185
ENSG00000140471	LIN51	protein_coding	-1.185009232	5.956420641	-4.834043175	5.08E-06	4.39E-05	3.676159938
ENSG00000162244	RPL29	protein_coding	-1.102885965	9.093881259	-4.81405079	5.50E-06	4.64E-05	3.599105731
ENSG00000155957	TMBIM4	protein_coding	-1.120125512	3.905191542	-4.811775577	5.57E-06	4.68E-05	3.58803998
ENSG00000198918	RPL39	protein_coding	-1.150443679	9.383646157	-4.768122538	6.62E-06	5.31E-05	3.422823265
ENSG00000139168	ZCRB1	protein_coding	-1.048782514	3.946277716	-4.762923624	6.76E-06	5.40E-05	3.402933556
ENSG00000198931	RPL39	protein_coding	-1.150443679	9.383646157	-4.743151345	7.31E-06	5.70E-05	3.342823265
ENSG00000133168	ZCRB1	protein_coding	-1.048782514	3.946277716	-4.762923624	6.76E-06	5.40E-05	3.402933556
ENSG00000198918	RPL39	protein_coding	-1.150443679	9.383646157	-4.768122538	6.62E-06	5.31E-05	3.422823265
ENSG00000133168	ZCRB1	protein_coding	-1.048782514	3.946277716	-4.762923624	6.76E-06	5.40E-05	3.402933556
ENSG00000198931	RPL39	protein_coding	-1.150443679	9.383646157	-4.743151345	7.31E-06	5.70E-05	3.342823265
ENSG00000115514	TXNDC9	protein_coding	-1.20849608	3.043260125	-4.734747515	7.57E-06	5.84E-05	3.295370208
ENSG00000176809	LRRC37A3	protein_coding	-1.000308007	4.263681985	-4.732297971	7.64E-06	5.86E-05	3.286037492
ENSG00000182552	RWDD4	protein_coding	-1.039641203	2.553219579	-4.731394895	7.67E-06	5.86E-05	3.282597537
ENSG00000116586	LAMTOR2	protein_coding	-1.062760479	4.486291133	-4.715800469	8.16E-06	6.17E-05	3.223259805
ENSG00000161970	RPL26	protein_coding	-1.190370162	10.68117597	-4.692843152	8.94E-06	6.65E-05	3.136126147
ENSG00000240972	MIF	protein_coding	-1.06394099	3.79911295	-4.682576736	9.31E-06	6.88E-05	3.097245659
ENSG00000177954	RPS27	protein_coding	-1.099778873	11.52864794	-4.673074309	9.67E-06	7.03E-05	3.061305697
ENSG00000203667	COX20	protein_coding	-1.054422504	3.523466341	-4.654225386	1.04E-05	7.45E-05	2.990150272
ENSG00000198015	MRPL42	protein_coding	-1.167445319	5.583564307	-4.650582486	1.06E-05	7.52E-05	2.976418903
ENSG00000196329	GIMAP5	protein_coding	-1.045208493	2.433251878	-4.64882587	1.06E-05	7.54E-05	2.969800006
ENSG00000143222	UFC1	protein_coding	-1.064802716	3.31231375	-4.648104859	1.07E-05	7.54E-05	2.9670837
ENSG00000008988	RPS20	protein_coding	-1.074944144	9.693051357	-4.643446611	1.09E-05	7.64E-05	2.949540796
ENSG00000109475	RPL34	protein_coding	-1.205913368	10.9731826	-4.636108048	1.12E-05	7.78E-05	2.92192623
ENSG00000180822	PSMG4	protein_coding	-1.067901596	3.025533165	-4.624867584	1.17E-05	8.04E-05	2.879682243
ENSG00000100028	SNRPD3	protein_coding	-1.097601716	2.9790479	-4.621256583	1.19E-05	8.14E-05	2.866125046
ENSG00000119013	NDUFB3	protein_coding	-1.03692422	4.128427825	-4.615945381	1.21E-05	8.23E-05	2.846196707
ENSG00000241837	ATP5PO	protein_coding	-1.140082537	5.324820771	-4.601486178	1.28E-05	8.54E-05	2.792017128
ENSG00000122026	RPL21	protein_coding	-1.118462473	9.592956157	-4.601387618	1.28E-05	8.54E-05	2.791648186
ENSG00000198242	RPL23A	protein_coding	-1.084621516	9.88949416	-4.586084643	1.36E-05	8.98E-05	2.734431658
ENSG00000186468	RPS23	protein_coding	-1.163794144	9.280416693	-4.578617561	1.40E-05	9.17E-05	2.706546647
ENSG00000227184	COX7C	protein_coding	-1.081397738	9.204249299	-4.572338167	1.44E-05	9.33E-05	2.683124987
ENSG00000147604	RPL7	protein_coding	-1.095271024	7.083802932	-4.538560868	1.64E-05	0.000103842	2.557490063
ENSG00000204822	MRPL53	protein_coding	-1.147635059	4.981015173	-4.531563742	1.69E-05	0.000106227	2.535138715
ENSG00000134419	RPS15A	protein_coding	-1.077486789	9.370099627	-4.504971643	1.87E-05	0.000115375	2.433147185
ENSG00000106028	SSBP1	protein_coding	-1.078238824	4.715202793	-4.490480912	1.98E-05	0.000119645	2.379688254
ENSG00000172428	COPS9	protein_coding	-1.230754453	4.030593435	-4.489644439	1.99E-05	0.000119741	2.376605753
ENSG00000141543	EIF4A3	protein_coding	-1.062048737	2.979245826	-4.484724617	2.02E-05	0.000121338	2.359483152
ENSG00000111605	CPSF6	protein_coding	-1.001227331	2.559106662	-4.480282583	2.06E-05	0.000122732	2.34213158
ENSG00000099790	TRAF3IP3	protein_coding	-1.10390574	4.413803454	-4.476574075	2.09E-05	0.000123444	2.328488233
ENSG00000276180	MRPL9	protein_coding	-1.088318209	2.57198276	-4.46319072	2.20E-05	0.000127656	2.279019825
ENSG00000156482	RPL30	protein_coding	-1.084293628	8.170078543	-4.441465254	2.39E-05	0.000133925	2.21996951
ENSG00000143947	RPS27A	protein_coding	-1.002529387	8.614147192	-4.43812007	2.42E-05	0.000137499	2.187452031
ENSG00000136936	XPA	protein_coding	-1.114963459	2.972873366	-4.429055982	2.51E-05	0.000141218	2.154323713
ENSG00000169442	CD52	protein_coding	-1.061032424	6.730746435	-4.41025444	2.70E-05	0.000150567	2.085747607
ENSG00000197061	IHC3	protein_coding	-1.035493607	6.656259719	-4.406555095	2.74E-05	0.000152308	2.072277296
ENSG00000169567	HINT1	protein_coding	-1.081162504	4.34023574	-4.405276175	2.75E-05	0.000152441	2.067622134
ENSG00000105640	RPL18A	protein_coding	-1.120658359	8.740551375	-4.393544444	2.88E-05	0.000157968	2.024961144
ENSG00000213741	RPS29	protein_coding	-1.036484136	7.252298309	-4.39148924	2.90E-05	0.000158663	2.017495369
ENSG00000162961	DPY30	protein_coding	-1.133892453	3.348247453	-4.377620729	3.06E-05	0.000165687	1.967716638
ENSG00000179144	GIMAP7	protein_coding	-1.092920951	6.082137556	-4.372783289	3.11E-05	0.000167459	1.949649849
ENSG00000100567	PSMA3	protein_coding	-1.007307269	3.45301785	-4.329896501	3.66E-05	0.000189282	1.794827588
ENSG00000142676	RPL11	protein_coding	-1.073037852	8.282209524	-4.315868737	3.87E-05	0.00019692	1.744407949
ENSG00000115268	RPS15	protein_coding	-1.068953068	7.971963459	-4.307513029	3.99E-05	0.000202488	1.714427292
ENSG00000105258	POLR2I	protein_coding	-1.099537472	3.947323001	-4.304206776	4.04E-05	0.000203801	1.702575065
ENSG00000211450	SELENOH	protein_coding	-1.009581677	4.001324112	-4.291335548	4.24E-05	0.000210102	1.656556987
ENSG00000196873	ZNG1C	protein_coding	-1.118041353	3.486442263	-4.282319727	4.39E-05	0.000215581	1.624268833
ENSG00000169714	CNBP	protein_coding	-1.009035013	5.332661262	-4.274803979	4.51E-05	0.000220727	1.597441432
ENSG00000083845	RPS5	protein_coding	-1.042291775	7.06055243	-4.274206715	4.52E-05	0.000220963	1.595310866
ENSG00000241343	RPL36A	protein_coding	-1.002955483	10.10550469	-4.272545186	4.55E-05	0.000221305	1.5893849
ENSG00000166902	MRPL16	protein_coding	-1.030808352	3.04686434	-4.260539925	4.76E-05	0.000229651	1.546581486
ENSG00000131981	LGALS3	protein_coding	-1.051058926	3.70139634	-4.254245641	4.88E-05	0.000234321	1.524222184
ENSG00000089009	RPL6	protein_coding	-1.024761536	6.973160222	-4.231024439	5.32E-05	0.000252129	1.441804988
ENSG00000240230	COX19	protein_coding	-1.148701818	2.880594245	-4.226341207	5.41E-05	0.00025565	1.425220499
ENSG00000167088	SNRPD1	protein_coding	-1.091748896	5.235154967	-4.219158611	5.56E-05	0.000260294	1.398089451
ENSG00000114391	RPL24	protein_coding	-1.045913282	8.639436477	-4.219406353	5.65E-05	0.000262976	1.38477943
ENSG00000142541	RPL13A	protein_coding	-1.150654487	9.776780791	-4.199032093	6.00E-05	0.000276233	1.328761781
ENSG00000102030	NAA10	protein_coding	-1.007348489	2.944097094	-4.190180929	6.20E-05	0.000282342	1.297590299
ENSG00000108561	C1QBP	protein_coding	-1.009881566	3.905588722	-4.170113709	6.68E-05	0.000298618	1.227086031
ENSG00000105193	RPS16	protein_coding	-1.034629468	6.977293226	-4.166721559	6.76E-05	0.000301099	1.21519103
ENSG00000174446	SNAPC5	protein_coding	-1.071361928	3.631226544	-4.165841876	6.78E-05	0.000301758	1.2121074
ENSG00000110700	RPS13	protein_coding	-1.014125784	6.928471255	-4.143046711	7.38E-05	0.000325539	1.132358128
ENSG00000227507	LTB	protein_coding	-1.075127539	4.642415973	-4.119819891	8.04E-05	0.000348001	1.051410224
ENSG00000086506	HBQ1	protein_coding	-1.029404303	2.906540226	-4.092112477	8.90E-05	0.000374573	0.955266867
ENSG00000164167	LSM6	protein_coding	-1.062514935	5.809825706	-4.047117656	0.000104977	0.000426378	0.800088544
ENSG00000173221	GLRX	protein_coding	-1.002440099	4.333403315	-4.046420303	0.000105238	0.000426831	0.797693084
ENSG00000206172	HBA1	protein_coding	-1.215052263	8.986069544	-4.04315054	0.000106499	0.000431101	0.786465071
ENSG00000134248	LAMTOR5	protein_coding	-1.032495694	3.40793139	-4.039339	0.000107987	0.000435423	0.773384725
ENSG00000130255	RPL36	protein_coding	-1.051543467	7.009974256	-4.021365542	0.000115279	0.000458127	0.711821163
ENSG00000205544	TMEM256	protein_coding	-1.098467413	4.640504682	-4.001979994	0.000123673	0.000484613	0.645363513
ENSG00000164902	PHAX	protein_coding	-1.029323351	3.26881943	-3.989946368	0.000129173	0.000500833	0.60466963
ENSG00000247774	PCED1B-AS1	lncRNA	-1.072289887	2.932009805	-3.983739808	0.000132101	0.000509917	0.583573451
ENSG00000115523	GNLY	protein_coding	-1.049028964	3.686052484	-3.969958917	0.000138831	0.000526437	0.536815643
ENSG00000132313	MRPL35	protein_coding	-1.131984583	3.054209408	-3.963676014	0.000142007	0.000535619	0.515536446
ENSG00000188536	HBA2	protein_coding	-1.213371441	7.406342386	-3.952619382	0.000147765	0.000549241	0.478147864
ENSG00000004779	NDUFAB1	protein_coding	-1.008648606	4.33795791	-3.917746763	0.000167426	0.000603874	0.360714891
ENSG00000173486	FKBP2	protein_coding	-1.012804234	3.296620598	-3.798713723	0.000255108	0.000834632	-0.03443968
ENSG00000008517	IL32	protein_coding	-1.013572689	3.571023738	-3.753308128	0.000318191	0.001014924	-0.24127369
ENSG00000182004	SNRPE	protein_coding	-1.011763525	3.260534177	-3.700682314	0.000358639	0.001127423	-0.353135236
ENSG00000215845	TSTD1	protein_coding	-1.067808077	3.718073133	-3.6935957	0.000367498	0.001150901	-0.377933383
ENSG00000214736	TOMM6	protein_coding	-1.191920418	3.76711539	-3.541780993	0.000611251	0.001728466	-0.850172687
ENSG00000154767	XPC	protein_coding	-1.047273634	3.383584828	-3.444958184	0.000848588	0.002234634	-1.154766068
ENSG00000274618	HHC6	protein_coding	-1.127953022	6.049586918	-3.354553949	0.001139473	0.002814327	-1.427538401
ENSG00000100362	PVALB	protein_coding	-1.010292677	5.488366223	-3.004133648	0.003011213	0.006238052	-2.319921523

Table S2. Cross-platform validation of differentially expressed genes between discovery (RNA-seq) and validation (microarray) cohorts

Gene symbol	Gene biotype	logFC discovery	Adjusted p-value discovery	logFC validation	Adjusted p-value validation
ARGLU1	protein_coding	-1,038717441	1,18E-05	-0,256964598	1,81E-05
ARIH2	protein_coding	-1,041614043	1,51E-06	-0,840662749	1,11E-17
ARPC4-TTLL3	protein_coding	-1,054933593	1,59E-05	-0,484280127	4,40E-20
BLOC1S1	protein_coding	-1,18930251	9,97E-07	-0,267706146	0,003261601
C1QBP	protein_coding	-1,009881566	0,000298618	-0,365310969	2,76E-06
CD52	protein_coding	-1,061032424	0,000150567	-0,364696926	1,96E-07
CNBP	protein_coding	-1,009035013	0,000220727	-0,351638994	3,13E-06
CNOT6L	protein_coding	-1,026428763	1,37E-07	-0,618531646	5,65E-11
COX19	protein_coding	-1,148701818	0,00025565	-0,735550003	1,81E-13
DGUOK	protein_coding	-1,040323953	2,73E-05	-0,439194324	3,07E-11
DPY30	protein_coding	-1,133892453	0,000165687	-0,103267521	0,045704041
EIF4A3	protein_coding	-1,062048737	0,000121338	-0,22968369	0,000159369
GIMAP5	protein_coding	-1,045208493	7,54E-05	-0,339608397	0,00048234
GIMAP7	protein_coding	-1,092920951	0,000167459	-0,246155891	0,024793132
GNLY	protein_coding	-1,049028964	0,000526437	-1,125492592	7,22E-17
HINT1	protein_coding	-1,081162504	0,000152441	-0,434276296	2,70E-13
HNRNPK	protein_coding	-1,100009952	4,97E-14	-0,911583416	1,61E-12
ING3	protein_coding	-1,462443061	2,86E-09	-0,623908295	1,63E-12
LINC03031	lncRNA	1,182146186	5,37E-08	1,385227904	3,51E-24
LRRC37A3	protein_coding	-1,000308007	5,86E-05	-0,312970374	0,000116354
MIF	protein_coding	-1,06394099	6,88E-05	-0,302776648	9,19E-05
MRPL16	protein_coding	-1,030808352	0,000229651	-0,396217614	2,97E-09
MRPL42	protein_coding	-1,167445319	7,52E-05	-0,851073368	8,41E-14
MRPL53	protein_coding	-1,447635059	0,000106227	-0,260943787	2,33E-05
MRPS5	protein_coding	-1,026189485	2,07E-05	-0,706951781	7,19E-19
NAA20	protein_coding	-1,116857296	1,23E-05	-0,222727216	0,003095098
NBDY	protein_coding	-1,073712134	2,70E-06	-0,661956677	1,94E-17
NDUFAB1	protein_coding	-1,008648606	0,000603874	-0,321987185	3,20E-05
NDUFAF2	protein_coding	-1,275426296	2,03E-05	-0,10277513	0,01673833
NDUFB1	protein_coding	-1,060668943	3,19E-05	-0,250659077	0,000243321
NEUROD2	protein_coding	1,215734358	5,54E-08	0,664535428	1,42E-07
NME7	protein_coding	-1,001840635	1,16E-06	-0,178915263	0,005101009
ORC2	protein_coding	-1,050545537	6,34E-06	-0,314594878	6,75E-07
PCED1B-AS1	lncRNA	-1,072289887	0,000509917	-0,485763979	3,94E-06
PHAX	protein_coding	-1,029323351	0,000500833	-0,398863996	5,17E-09
POLR2I	protein_coding	-1,099537472	0,000203801	-0,17915911	0,005480427
POLR2J	protein_coding	-1,101494414	1,20E-05	-0,307038087	0,000408298
POLR3GL	protein_coding	-1,054620158	2,95E-05	-0,527251433	2,24E-10
PPCS	protein_coding	-1,083636622	3,30E-07	-0,467986511	1,19E-09
RBMX	protein_coding	-1,033570053	5,70E-05	-0,340322908	1,91E-12
RNF7	protein_coding	-1,088644705	1,90E-05	-0,580644963	1,55E-12
RPA2	protein_coding	-1,130138715	3,99E-06	-0,321681798	0,00028619
RPL13A	protein_coding	-1,150654487	0,000276233	-0,290249417	4,52E-07
RPL18A	protein_coding	-1,120658359	0,000157968	-0,242786124	0,005526946
RPL21	protein_coding	-1,118462473	8,54E-05	-0,705462298	3,82E-06
RPL23A	protein_coding	-1,084621516	8,98E-05	-0,239519127	0,000340622
RPL24	protein_coding	-1,045913282	0,000262976	-0,382050126	4,01E-08
RPL26	protein_coding	-1,190370162	6,65E-05	-0,114339254	0,035901212
RPL29	protein_coding	-1,102885965	4,64E-05	-0,310407566	9,91E-07
RPL34	protein_coding	-1,205913368	7,78E-05	-0,459698317	2,89E-07
RPL36	protein_coding	-1,051543467	0,000458127	-0,219573151	8,91E-06
RPL36A	protein_coding	-1,002955483	0,000221305	-0,14624665	0,001280177
RPL39	protein_coding	-1,150443679	5,31E-05	-0,428657323	3,11E-15
RPL6	protein_coding	-1,024761536	0,000252129	-0,394589642	1,39E-08
RPL7	protein_coding	-1,095271024	0,000103842	-0,666755879	2,82E-16
RPL9	protein_coding	-1,208035697	3,63E-05	-0,210548267	0,000949795
RPS15	protein_coding	-1,068953068	0,000202488	-0,227307325	0,000649262
RPS15A	protein_coding	-1,077486789	0,000115375	-0,562851804	3,01E-17
RPS16	protein_coding	-1,034629468	0,000301099	-0,272945396	7,15E-05
RPS19BP1	protein_coding	-1,016203935	1,19E-06	-0,686503759	5,29E-10
RPS27	protein_coding	-1,099778873	7,03E-05	-1,075020996	8,15E-19
RPS29	protein_coding	-1,036484136	0,000158663	-0,711210408	4,13E-14
SARNP	protein_coding	-1,042349166	6,81E-06	-0,424014495	2,76E-06
SLBP	protein_coding	-1,040400037	7,57E-08	-0,718201697	8,85E-14
SLC45A4	protein_coding	-1,035839433	1,48E-07	-0,580340486	6,53E-07
SNAPC5	protein_coding	-1,071361928	0,000301758	-0,683123164	1,46E-13
SNRPD1	protein_coding	-1,091748896	0,000260294	-0,343733202	4,43E-06
SNRPD3	protein_coding	-1,097601716	8,14E-05	-0,727292312	4,57E-14
SNRPE	protein_coding	-1,011763525	0,001127423	-0,396135281	0,001992104
SNRPF	protein_coding	-1,181661316	4,19E-05	-0,186758007	0,001426116
SRSF10	protein_coding	-1,021339155	1,44E-06	-0,778424067	2,95E-22
TAF9	protein_coding	-1,048174246	4,29E-05	-0,394217573	2,25E-10
THOC7	protein_coding	-1,002637553	1,01E-06	-0,303356566	3,65E-07
TMBIM4	protein_coding	-1,120125512	4,68E-05	-0,578104236	0,010001302
TOMM5	protein_coding	-1,231388254	1,16E-06	-0,498457489	7,92E-18
TOMM6	protein_coding	-1,191920418	0,001728466	-0,307411944	0,000171644
TOMM7	protein_coding	-1,193621384	2,59E-05	-0,209917783	0,005786865
TRAF3IP3	protein_coding	-1,10390574	0,00012344	-0,459896752	1,94E-09
TRNT1	protein_coding	-1,031976113	2,27E-08	-0,263857438	3,38E-05
TSTD1	protein_coding	-1,067808077	0,001150901	-0,296684547	1,86E-05
TXNDC9	protein_coding	-1,20849608	5,84E-05	-0,383678463	1,87E-12
UBL5	protein_coding	-1,189100182	2,35E-09	-0,85084018	8,11E-12
UQCRQ	protein_coding	-1,180868806	1,52E-05	-0,479395968	3,35E-09
WBP11	protein_coding	-1,0909764	3,00E-07	-0,560289993	2,35E-11
ZCRB1	protein_coding	-1,048782514	5,40E-05	-0,494108301	3,54E-11