Supplementary Table 2. List of differentially expressed pairs determined by maximal information coefficient

Gene1	Gene2	NOR	COPD	Difference
A1CF	APOBEC1	0.91026	0.29687	-0.61339
ABHD16A	HM13	0.29536	0.70433	0.40897
ACMSD	MAGEA11	0.6906	0.29046	-0.40014
ACTB	ACTG1	0.36761	0.78657	0.41896
ACTB	ARPC1B	0.22049	0.6484	0.42791
ACTB	ATP5A1	0.21327	0.64286	0.42959
ACTB	CD81	0.26187	0.6641	0.40223
ACTB	CFL1	0.25233	0.71049	0.45816
ACTB	CSNK2B	0.29712	0.71283	0.41571
ACTB	DYNLL1	0.17759	0.59702	0.41943
ACTB	EIF3D	0.20648	0.66509	0.45861
ACTB	EIF3K	0.22198	0.68719	0.46521
ACTB	FBL	0.17365	0.69792	0.52427
ACTB	GNB2L1	0.25168	0.74101	0.48933
ACTB	HNRNPH1	0.20252	0.60845	0.40593
ACTB	LASP1	0.24578	0.70179	0.45601
ACTB	MGMT	0.17675	0.58343	0.40668
ACTB	MYL12B	0.20761	0.6409	0.43329
ACTB	OTUB1	0.18221	0.64917	0.46696
ACTB	PFN1	0.24885	0.75623	0.50738
ACTB	PPP1CA	0.16824	0.59347	0.42523
ACTB	RAC1	0.23157	0.67685	0.44528
ACTB	RPLP1	0.2297	0.67794	0.44824
ACTB	RPS19	0.18255	0.67013	0.48758
ACTB	RPS4X	0.17226	0.61277	0.44051
ACTB	S100A11	0.15268	0.57572	0.42304
ACTB	SSRP1	0.23767	0.64258	0.40491
ACTB	VIM	0.1783	0.70848	0.53018
ACTG1	BRK1	0.21097	0.63363	0.42266
ACTG1	CFL1	0.20194	0.62587	0.42393
ACTG1	LGALS13	0.2264	0.6359	0.4095
ACTN4	TJP1	0.71628	0.27715	-0.43913
ACTR2	ACTR3	0.84491	0.38579	-0.45912
ACTR2	ARPC5	0.72226	0.31881	-0.40345
ADRM1	RPN1	0.22124	0.67247	0.45123
AFF1	DDX6	0.73913	0.30994	-0.42919
AHCYL1	YAP1	0.76229	0.34422	-0.41807
AIRE	HIST1H3B	0.69963	0.29844	-0.40119
AIRE	HIST1H3C	0.73587	0.22695	-0.50892
AIRE	HIST1H3F	0.70235	0.28071	-0.42164
AKT3	APPL1	0.76203	0.35147	-0.41056
ALDOA	DYNLL1	0.21945	0.66711	0.44766
ALDOA	LGALS1	0.22467	0.74864	0.52397
ANP32E	FYTTD1	0.82805	0.37141	-0.45664
ANXA11	HLA-DRB4	0.19461	0.63651	0.4419
AP2A1	BIN1	0.24925	0.65195	0.4027
APCS	CRP	0.78423	0.2859	-0.49833
APCS	MBL2	1	0.44444	-0.55556
APEX1	LGALS1	0.23475	0.64119	0.40644
APOA2	APOF	0.76891	0.36179	-0.40712
ARCN1	COPB2	0.8913	0.35569	-0.53561
ARCN1	COPE	0.73118	0.28376	-0.44742
ARF1	COPE	0.19114	0.74353	0.55239

ARID1A	ITCH	0.67517	0.22209	-0.45308
ARR3	FSHR	0.7381	0.30534	-0.43276
ARR3	OPN1MW	0.96438	0.39877	-0.56561
ARR3	OPN4	0.7579	0.30211	-0.45579
ATF2	DISC1	0.74165	0.34137	-0.40028
ATF2	MAPK1	0.76697	0.30948	-0.45749
ATP4A	GIF	0.90386	0.3382	-0.56566
ATP5B	P4HB	0.26905	0.68481	0.41576
AUP1	SPTLC1	0.66258	0.25706	-0.40552
AVP	AVPR1B	1	0.4728	-0.5272
BAG6	NR1H2	0.25228	0.66154	0.40926
BAG6	PRDX5	0.24232	0.66286	0.42054
BAP1	UBE2V1	0.19427	0.70784	0.51357
BCL2	PPP3R1	0.66452	0.23996	-0.42456
BCL7C	SMARCA4	0.23851	0.64159	0.40308
BIN1	DNM2	0.22089	0.62113	0.40024
BOLL	DAZ2	0.93902	0.52329	-0.41573
BSG	OS9	0.25737	0.78148	0.52411
BSG	RANBP3	0.25721	0.66659	0.40938
C10orf62	KRTAP4-1	0.78474	0.34587	-0.43887
CALM1	HUWE1	0.72377	0.31166	-0.41211
CALM1	RDX	0.69489	0.27266	-0.42223
CAND1	CANX	0.77236	0.35287	-0.41949
CAND1	CAPRIN1	0.82692	0.3758	-0.45112
CAND1	DDX6	0.91016	0.49315	-0.41701
CAND1	FUBP3	0.66941	0.2487	-0.42071
CAND1	H2AFV	0.72391	0.30544	-0.41847
CAND1	HSPA4	0.79785	0.36416	-0.43369
CAND1	OPA1	0.7981	0.37892	-0.41918
CAND1	POLR2B	0.77548	0.37225	-0.40323
CAND1	SERBP1	0.64253	0.23671	-0.40582
CANX	GANAB	0.77189	0.35928	-0.41261
CANX	LMAN1	0.80841	0.40531	-0.4031
CANX	SUMO3	0.74426	0.31763	-0.42663
CAPN1	EIF6	0.29775	0.73097	0.43322
CARD17	CARD18	0.81464	0.31096	-0.50368
CAV1	SDPR	0.63497	0.20806	-0.42691
CCDC185	KRTAP4-1	0.78799	0.35687	-0.43112
CCT3	TRIM28	0.17422	0.73042	0.5562
CD2	LCK	0.78875	0.3226	-0.46615
CD3E	CD3G	0.66462	0.24861	-0.41601
CD63	VKORC1	0.28251	0.72004	0.43753
CD74	HLA-DRB1	0.17443	0.6255	0.45107
CD81	RPL11	0.24525	0.65262	0.40737
CD81	RPL27	0.21217	0.66267	0.4505
CD81	RPS4Y1	0.24417	0.65177	0.4076
CD81	VKORC1	0.25933	0.73582	0.47649
CDC5L	WRN	0.24803	0.70293	0.4549
CDH7	FGF21	0.93478	0.36169	-0.57309
CDIPT	ILK	0.2376	0.64687	0.40927
CGA	CGB	1	0.34864	-0.65136
CGA	FSHR	0.76816	0.24981	-0.51835
CGA	TSHB	0.827	0.22916	-0.59784
CHMP3	UBE2H	0.71173	0.30583	-0.4059
CHMP4A	VPS4A	0.1973	0.59782	0.40052
CLIC1	RPLP1	0.28034	0.76256	0.48222

CLPS	LIPF	0.93478	0.33108	-0.6037
CLPS	PNLIP	1	0.55914	-0.44086
CLPS	PNLIPRP2	0.97005	0.42691	-0.54314
COPB2	LMAN1	0.79941	0.36443	-0.43498
COPS6	TAF15	0.25871	0.69474	0.43603
CPN1	CPN2	0.70745	0.27905	-0.4284
CREB1	DR1	0.90375	0.44986	-0.45389
CREB1	ETS1	0.62616	0.22082	-0.40534
CREB3	FIS1	0.25532	0.69855	0.44323
CREB3	RABAC1	0.26777	0.68781	0.42004
CREB3	VKORC1	0.28365	0.70598	0.42233
CRK	DDX6	0.74533	0.32194	-0.42339
CRK	IRS1	0.65234	0.23256	-0.41978
CRP	HIST1H1A	0.72274	0.3074	-0.41534
CRYAA	CRYBA1	0.72308	0.31935	-0.40373
CRYAA	CRYGC	0.97826	0.49517	-0.48309
CRYAA	CRYGD	0.88114	0.36344	-0.5177
CRYAA	LALBA	0.94723	0.38997	-0.55726
CRYGC	CRYGD	1	0.41279	-0.58721
CSH1	PCBP1	0.25263	0.69009	0.43746
CSH1	PFDN5	0.19568	0.63399	0.43831
CSN1S1	KLK6	0.79385	0.26718	-0.52667
CSN2	CSN3	1	0.50003	-0.49997
CSNK1A1	SYNCRIP	0.77511	0.33148	-0.44363
CSNK2B	PRMT1	0.29467	0.73827	0.4436
CSNK2B	RPS8	0.2582	0.75469	0.49649
CSNK2B	SSRP1	0.25109	0.65665	0.40556
CSRP3	LIMS3	0.8994	0.29988	-0.59952
CSRP3	MYF6	0.92756	0.30091	-0.62665
CSRP3	MYOG	0.97791	0.29312	-0.68479
CSTF2T	UBQLN1	0.67741	0.24034	-0.43707
CTCFL	HIST1H3B	0.82443	0.30786	-0.51657
CTCFL	HIST1H3C	0.79626	0.29743	-0.49883
CTCFL	HIST1H3F	0.873	0.34061	-0.53239
CTCFL	HIST1H3J	0.75062	0.29356	-0.45706
CTNNA1	DLG1	0.88114	0.38593	-0.49521
CTNNA1	TJP1	0.81418	0.33712	-0.47706
CTNNA1	VCL	0.66939	0.25053	-0.41886
CUL3	KRR1	0.8582	0.4555	-0.4027
CUL3	PHAX	0.74383	0.33044	-0.41339
CUL3	PRKAR1A	0.7972	0.37489	-0.42231
CYC1	NDUFB10	0.25327	0.76991	0.51664
CYHR1	VPS26A	0.81137	0.27151	-0.53986
CYP11B1	CYP11B2	0.86667	0.44703	-0.41964
DAG1	UTRN	0.76295	0.20797	-0.55498
DAZ2	DAZL	0.84639	0.35052	-0.49587
DDX6	PNRC2	0.81942	0.34141	-0.47801
DEFA5	PRSS1	1	0.338	-0.662
DEK	EP300	0.68832	0.24041	-0.44791
DISC1	EXOC4	0.82033	0.35407	-0.46626
DISC1	SMC3	0.83401	0.38558	-0.44843
DISC1	XRN2	0.73708	0.31866	-0.41842
DMBX1	OTX2	0.71342	0.29157	-0.42185
DNAJB9	RFK	0.76855	0.28984	-0.47871
DNMT3L	HIST1H3B	0.9027	0.34927	-0.55343
DNMT3L	HIST1H3C	0.86813	0.26312	-0.60501

DNMT3L	HIST1H3F	0.94001	0.33261	-0.6074
DNMT3L	HIST1H3J	0.82436	0.31501	-0.50935
DNMT3L	HIST1H4A	0.84669	0.28707	-0.55962
DNMT3L	HIST1H4B	0.78765	0.24712	-0.54053
DNMT3L	HIST1H4D	0.88418	0.27398	-0.6102
DNMT3L	HIST1H4F	0.92911	0.25352	-0.67559
DNMT3L	HIST1H4J	1	0.25662	-0.74338
DNMT3L	HIST1H4K	0.80505	0.34621	-0.45884
DNMT3L	HIST1H4L	0.97826	0.39956	-0.5787
DYNC1LI2	DYNLT3	0.69085	0.23784	-0.45301
DYNLL1	GNB2L1	0.26465	0.74787	0.48322
EEF2	RPS24	0.25869	0.68654	0.42785
EEF2	RPS4X	0.20359	0.76721	0.56362
EEF2	RPS6	0.33832	0.81455	0.47623
EIF3D	RPS4X	0.26852	0.73703	0.46851
EIF3I	EIF3K	0.27875	0.69283	0.41408
EIF3I	VIM	0.21408	0.64994	0.43586
EIF3K	GNB2L1	0.23245	0.70148	0.46903
ELSPBP1	MYF6	0.87629	0.40134	-0.47495
ELSPBP1	MYOG	0.91307	0.39882	-0.51425
EP300	H3F3B	0.70637	0.29174	-0.41463
EP300	NBN	0.77082	0.31915	-0.45167
EP300	PPP2R5C	0.70752	0.28721	-0.42031
ERBB2IP	SHOC2	0.71828	0.31684	-0.40144
ESRRA	PNRC2	0.77386	0.34252	-0.43134
EWSR1	PCBP1	0.18683	0.65075	0.46392
FBL	RPS24	0.2721	0.75204	0.47994
FBL	RPS4X	0.28913	0.7088	0.41967
FBXW11	YAP1	0.7976	0.37137	-0.42623
G3BP2	RIOK2	0.85174	0.38936	-0.46238
G3BP2	RNH1	0.72284	0.32026	-0.40258
G3BP2	TLN1	0.62776	0.2052	-0.42256
GAGE1	TERF2IP	0.32252	0.74755	0.42503
GH1	HIST1H2BI	0.82924	0.23253	-0.59671
GIGYF2	PRPF8	0.72019	0.31463	-0.40556
GNB2L1	RPL7A	0.21064	0.62035	0.40971
GNB2L1	RPS8	0.25317	0.6638	0.41063
GNGT1	RHO	0.78497	0.30273	-0.48224
GPHA2	GPHB5	0.917	0.21123	-0.70577
GSTK1	PCBP1	0.19304	0.59584	0.4028
GSTK1	UNC45A	0.22029	0.64753	0.42724
GULP1	ITGB1	0.76957	0.2465	-0.52307
HERPUD1	SYVN1	0.21874	0.61894	0.4002
HGS	UBQLN1	0.76283	0.35352	-0.40931
HIST1H1A	HIST1H3A	0.83164	0.34426	-0.48738
HIST1H1A	HIST1H3B	0.94689	0.36348	-0.58341
HIST1H1A	HIST1H3C	0.94723	0.32829	-0.61894
HIST1H1A	HIST1H3F	0.97791	0.31731	-0.6606
HIST1H1A	HIST1H3G	0.86956	0.31764	-0.55192
HIST1H1A	HIST1H3I	0.84874	0.24562	-0.60312
HIST1H1A	HIST1H3J	0.917	0.32206	-0.59494
HIST1H2A	HIST1H2B	1	0.42889	-0.57111
HIST1H2A	HIST1H2B	1	0.41969	-0.58031
HIST1H2A	HIST1H3A	0.74505	0.23878	-0.50627
HIST1H2A	HIST1H3B	0.96438	0.2626	-0.70178
HIST1H2A	HIST1H3C	0.93478	0.27182	-0.66296

HIST1H2A	HIST1H3F	0.99965	0.29049	-0.70916
HIST1H2A	HIST1H3G	0.78243	0.22825	-0.55418
HIST1H2A	HIST1H3I	0.84355	0.23266	-0.61089
HIST1H2A	HIST1H3J	0.88587	0.22908	-0.65679
HIST1H2A	HIST1H3G	0.59607	0.18515	-0.41092
HIST1H2B	HIST1H3A	0.94011	0.29636	-0.64375
HIST1H2B	HIST1H3B	1	0.33775	-0.66225
HIST1H2B	HIST1H3C	1	0.3457	-0.6543
HIST1H2B	HIST1H3F	1	0.41161	-0.58839
HIST1H2B	HIST1H3G	0.9576	0.35615	-0.60145
HIST1H2B	HIST1H3I	1	0.32171	-0.67829
HIST1H2B	HIST1H3J	0.97005	0.37747	-0.59258
HIST1H3A	HIST1H4A	0.78726	0.23576	-0.5515
HIST1H3A	HIST1H4B	0.73378	0.27913	-0.45465
HIST1H3A	HIST1H4D	0.9042	0.28028	-0.62392
HIST1H3A	HIST1H4F	0.83506	0.24876	-0.5863
HIST1H3A	HIST1H4J	0.88842	0.27741	-0.61101
HIST1H3A	HIST1H4K	0.77114	0.24493	-0.52621
HIST1H3A	HIST1H4L	0.88114	0.31778	-0.56336
HIST1H3A	LALBA	0.88114	0.30882	-0.57232
HIST1H3B	HIST1H4A	0.99965	0.28498	-0.71467
HIST1H3B	HIST1H4B	0.96971	0.20983	-0.75988
HIST1H3B	HIST1H4C	0.64173	0.22936	-0.41237
HIST1H3B	HIST1H4D	0.94689	0.2661	-0.68079
HIST1H3B	HIST1H4F	0.99965	0.25641	-0.74324
HIST1H3B	HIST1H4I	0.71705	0.26291	-0.45414
HIST1H3B	HIST1H4J	1	0.28504	-0.71496
HIST1H3B	HIST1H4K	0.95726	0.32205	-0.63521
HIST1H3B	HIST1H4L	1	0.39688	-0.60312
HIST1H3B	LALBA	1	0.32839	-0.67161
HIST1H3C	HIST1H4A	0.93478	0.22476	-0.71002
HIST1H3C	HIST1H4B	0.90483	0.24286	-0.66197
HIST1H3C	HIST1H4C	0.63135	0.20362	-0.42773
HIST1H3C	HIST1H4D	1	0.23978	-0.76022
HIST1H3C	HIST1H4E	0.61072	0.19404	-0.41668
HIST1H3C	HIST1H4F	0.97005	0.27854	-0.69151
HIST1H3C	HIST1H4I	0.71859	0.23073	-0.48786
HIST1H3C	HIST1H4J	0.97826	0.27904	-0.69922
HIST1H3C	HIST1H4K	0.91728	0.22624	-0.69104
HIST1H3C	HIST1H4L	0.97826	0.31907	-0.65919
HIST1H3C	LALBA	0.97826	0.36001	-0.61825
HIST1H3F	HIST1H4A	0.96971	0.25442	-0.71529
HIST1H3F	HIST1H4B	0.96971	0.22676	-0.74295
HIST1H3F	HIST1H4D	0.96971	0.23495	-0.73476
HIST1H3F	HIST1H4F	0.97791	0.29723	-0.68068
HIST1H3F	HIST1H4I	0.84685	0.31009	-0.53676
HIST1H3F	HIST1H4J	0.97826	0.28537	-0.69289
HIST1H3F	HIST1H4K	0.99965	0.19773	-0.80192
HIST1H3F	HIST1H4L	0.97826	0.28916	-0.6891
HIST1H3F	LALBA	0.97826	0.3007	-0.67756
HIST1H3G	HIST1H4A	0.86956	0.32649	-0.54307
HIST1H3G	HIST1H4B	0.86956	0.21632	-0.65324
HIST1H3G	HIST1H4D	0.92945	0.26935	-0.6601
HIST1H3G	HIST1H4F	0.96971	0.24867	-0.72104
HIST1H3G	HIST1H4J	0.93432	0.21044	-0.72388
HIST1H3G	HIST1H4K	0.90027	0.23261	-0.66766

HIST1H3G	*HIST1H4L*	0.93432	0.41417	-0.52015
HIST1H3G	*LALBA*	0.93432	0.25527	-0.67905
HIST1H3I	*HIST1H4A*	0.85217	0.20602	-0.64615
HIST1H3I	*HIST1H4B*	0.76967	0.21938	-0.55029
HIST1H3I	*HIST1H4D*	0.87468	0.25776	-0.61692
HIST1H3I	*HIST1H4F*	0.92489	0.28923	-0.63566
HIST1H3I	*HIST1H4J*	0.97826	0.36225	-0.61601
HIST1H3I	*HIST1H4K*	0.79678	0.27365	-0.52313
HIST1H3I	*HIST1H4L*	0.94745	0.28428	-0.66317
HIST1H3I	*LALBA*	0.97826	0.37456	-0.6037
HIST1H3J	*HIST1H4A*	0.86816	0.21716	-0.651
HIST1H3J	*HIST1H4B*	0.87577	0.21596	-0.65981
HIST1H3J	*HIST1H4D*	0.85919	0.21242	-0.64677
HIST1H3J	*HIST1H4F*	0.90153	0.27309	-0.62844
HIST1H3J	*HIST1H4J*	0.94723	0.29221	-0.65502
HIST1H3J	*HIST1H4K*	0.87891	0.30628	-0.57263
HIST1H3J	*HIST1H4L*	1	0.26445	-0.73555
HIST1H3J	*LALBA*	0.94723	0.36431	-0.58292
HIST1H4A	*HIST3H3*	0.80168	0.26805	-0.53363
HIST1H4A	*PRAME*	0.70274	0.28542	-0.41732
HIST1H4B	*HIST3H3*	0.75148	0.28131	-0.47017
HIST1H4B	*PRAME*	0.67151	0.19502	-0.47649
HIST1H4D	*HIST3H3*	0.81479	0.23095	-0.58384
HIST1H4D	*PRAME*	0.68631	0.26073	-0.42558
HIST1H4F	*HIST3H3*	0.90053	0.21579	-0.68474
HIST1H4F	*PRAME*	0.7093	0.23403	-0.47527
HIST1H4J	*HIST3H3*	0.91016	0.26531	-0.64485
HIST1H4J	*PRAME*	0.76808	0.238	-0.53008
HIST1H4K	*HIST3H3*	0.85048	0.26397	-0.58651
HIST1H4K	*PRAME*	0.68276	0.2094	-0.47336
HIST1H4L	*HIST3H3*	0.90438	0.37233	-0.53205
HIST1H4L	*PRAME*	0.75423	0.33898	-0.41525
HNRNPH2	*RIOK2*	0.78124	0.38089	-0.40035
HNRNPR	*SYNCRIP*	0.7495	0.28403	-0.46547
HNRNPU	*LBR*	0.69477	0.2811	-0.41367
HNRNPU	*LSM14A*	0.76186	0.32063	-0.44123
HNRNPU	*MRGBP*	0.69415	0.27219	-0.42196
HSF1	*SMARCA4*	0.20894	0.62689	0.41795
HTRA2	*VPS4B*	0.768	0.33436	-0.43364
HUWE1	*PRKAR1A*	0.78899	0.34895	-0.44004
HUWE1	*PRPF8*	0.88022	0.47927	-0.40095
HUWE1	*SNRNP200*	0.88593	0.30974	-0.57619
IAPP	*PDX1*	0.88706	0.38974	-0.49732
IFITM3	*VKORC1*	0.26749	0.72722	0.45973
ILK	*VKORC1*	0.1906	0.71281	0.52221
ISL1	*LHX3*	0.66405	0.25558	-0.40847
ITCH	*NUMB*	0.68754	0.24604	-0.4415
ITCH	*TAX1BP1*	0.67183	0.25451	-0.41732
ITGAV	*ITGB1*	0.74216	0.25319	-0.48897
ITGB1	*RAB8B*	0.75659	0.30329	-0.4533
ITGB1	*TGOLN2*	0.72113	0.31904	-0.40209
ITGB1	*TLN1*	0.74561	0.24646	-0.49915
KIAA1033	*ROCK1*	0.82125	0.42003	-0.40122
KIAA1429	*SNRNP200*	0.7795	0.36896	-0.41054
KIR3DS1	*NDUFAF3*	0.29566	0.70159	0.40593
KMT2A	*TAF6*	0.17787	0.58393	0.40606

KRTAP3-2	KRTAP4-1	0.81914	0.32017	-0.49897
KRTAP4-1	SMCP	0.88509	0.31977	-0.56532
KRTAP4-1	TCEB3B	0.7301	0.31362	-0.41648
LEPR	SNX4	0.74112	0.33239	-0.40873
LGALS1	LGALS3BP	0.17383	0.6419	0.46807
LHX3	POU4F3	0.76006	0.26596	-0.4941
LMAN1	TMED5	0.81995	0.35054	-0.46941
LZTS2	RBPMS	0.21342	0.6541	0.44068
MAGEA11	TEX37	0.97791	0.47748	-0.50043
MAGEA11	ZSWIM2	0.7904	0.38528	-0.40512
MAP4	TLN1	0.76346	0.25933	-0.50413
MAPK1	NCOA3	0.7625	0.34679	-0.41571
MAPK1	PPM1A	0.81939	0.36101	-0.45838
MC4R	NPY	0.77433	0.23909	-0.53524
MEP1B	NPY	0.73828	0.24748	-0.4908
MLF2	TXNDC12	0.23538	0.69758	0.4622
MLN	MLNR	0.76692	0.28259	-0.48433
MMGT1	TM9SF2	0.72091	0.29347	-0.42744
MMP8	UMOD	0.7965	0.33225	-0.46425
MRPL32	MRPL37	0.1987	0.65765	0.45895
MSN	PAFAH1B2	0.71505	0.26601	-0.44904
MSN	PPM1A	0.69343	0.2833	-0.41013
MTNR1A	MTNR1B	0.87315	0.36284	-0.51031
MUC7	SMR3B	0.93478	0.39793	-0.53685
MYH6	MYL7	0.88953	0.36547	-0.52406
MYOG	TRIM43	1	0.50251	-0.49749
NBN	XRCC5	0.7362	0.31767	-0.41853
NDUFS1	STX12	0.71596	0.31457	-0.40139
NME1	PCBP1	0.22114	0.747	0.52586
NPY	NPY2R	0.74316	0.28204	-0.46112
OAZ1	PSMB4	0.22335	0.65784	0.43449
OBP2A	OR1G1	0.86865	0.37482	-0.49383
OS9	PPIB	0.25312	0.66895	0.41583
OS9	RPN1	0.25553	0.66174	0.40621
OST4	RPN1	0.21179	0.66715	0.45536
OTUB1	UBE2V1	0.21946	0.73044	0.51098
P4HB	PRKCSH	0.28959	0.71031	0.42072
PAFAH1B2	YWHAG	0.67017	0.2513	-0.41887
PCBP1	PCBP2	0.22509	0.64513	0.42004
PCBP1	RBM42	0.18626	0.61686	0.4306
PDX1	SLC2A2	0.84347	0.35842	-0.48505
PJA2	PRKAR1A	0.85027	0.43881	-0.41146
PLEKHF2	SDPR	0.7003	0.22673	-0.47357
PNRC2	SPAG9	0.62588	0.20404	-0.42184
PPIB	VKORC1	0.30742	0.76003	0.45261
PPM1G	SNRNP70	0.22137	0.71546	0.49409
PPM1G	STAT6	0.23849	0.64306	0.40457
PPP1CC	RPRD2	0.79694	0.30461	-0.49233
PPP2R1A	STRN	0.3183	0.72444	0.40614
PPP3CA	UTRN	0.72385	0.29392	-0.42993
PRKACG	TNP1	0.83143	0.2325	-0.59893
PRKAR1A	PRPF40A	0.72314	0.29871	-0.42443
PRKAR1A	SETD7	0.68483	0.28199	-0.40284
PRPF6	RPS24	0.21318	0.61792	0.40474
PSMB1	PSMB5	0.22114	0.64996	0.42882
PSMB1	PSMB6	0.24012	0.64415	0.40403

PSMB1	PSMC5	0.24134	0.66889	0.42755
PSMB4	PSMD3	0.2477	0.69506	0.44736
PSMB5	PSMC5	0.32978	0.74739	0.41761
PSMB6	PSMD3	0.21642	0.64685	0.43043
PSMB6	PSME1	0.20678	0.62467	0.41789
PSMC5	PSMD3	0.19115	0.61993	0.42878
PSMC5	VIM	0.17893	0.60623	0.4273
RAD21	SMC3	0.84078	0.3297	-0.51108
RAD23B	UBQLN1	0.72011	0.28968	-0.43043
RAD50	RFC1	0.82871	0.41114	-0.41757
RB1	SETD7	0.88114	0.4286	-0.45254
RBM10	SF1	0.30277	0.74388	0.44111
RDX	ROCK2	0.69209	0.25925	-0.43284
REG1A	REG3A	0.88309	0.27062	-0.61247
RIOK2	VPS26A	0.7794	0.35586	-0.42354
RNF113B	UBE2U	0.71542	0.30951	-0.40591
RPL10	RPL4	0.78381	0.33792	-0.44589
RPL10	RPL6	0.77421	0.35166	-0.42255
RPL11	RPL30	0.21118	0.61291	0.40173
RPL11	RPL8	0.16766	0.71283	0.54517
RPL11	RPLP1	0.20205	0.63353	0.43148
RPL11	RPS24	0.20798	0.65485	0.44687
RPL11	RPS4X	0.24401	0.72699	0.48298
RPL11	UBB	0.2044	0.72129	0.51689
RPL12	RPS3A	0.82948	0.37554	-0.45394
RPL18A	RPS27A	0.67896	0.26756	-0.4114
RPL30	RPL31	0.26573	0.87755	0.61182
RPL30	RPS3	0.28619	0.7006	0.41441
RPL31	RPL37A	0.25986	0.76238	0.50252
RPL6	RPLP0	0.88229	0.40345	-0.47884
RPL6	RPS27A	0.89679	0.47124	-0.42555
RPL7A	RPS2	0.7622	0.36161	-0.40059
RPL7A	RPS3A	0.79389	0.39263	-0.40126
RPL8	RPS4X	0.35415	0.75747	0.40332
RPLP2	RPS24	0.27739	0.70679	0.4294
RPS20	RPS4X	0.24504	0.66089	0.41585
RPS24	RPS4X	0.3465	0.76791	0.42141
RPS24	RPS8	0.44255	0.85303	0.41048
RPS4X	RPS6	0.16017	0.61573	0.45556
RPS4X	RPS8	0.34657	0.75092	0.40435
RPS4X	SNU13	0.23658	0.65323	0.41665
S100A16	S100A7A	0.19815	0.59836	0.40021
SF1	TAF15	0.21941	0.62795	0.40854
SF3B6	SNRPD2	0.17942	0.59739	0.41797
SNRPB	SNRPD2	0.25164	0.67163	0.41999
SNU13	SURF4	0.20898	0.62302	0.41404
SP3	TGFBR2	0.7484	0.3057	-0.4427
STAG2	WAPL	0.86465	0.42168	-0.44297
TBC1D5	VPS26A	0.80298	0.34136	-0.46162
TRIM43	TRIM8	0.20044	0.68126	0.48082
UBE2U	ZSWIM2	0.82545	0.37885	-0.4466
VPS26A	VPS4B	0.85007	0.38545	-0.46462
YWHAG	YWHAQ	0.7589	0.33125	-0.42765

NOR, normal; COPD, chronic obstructive pulmonary disease.