
Altered Extracellular Vesicle-derived protein and microRNA signatures in bronchoalveolar lavage fluid from patients with Chronic Obstructive Pulmonary Disease

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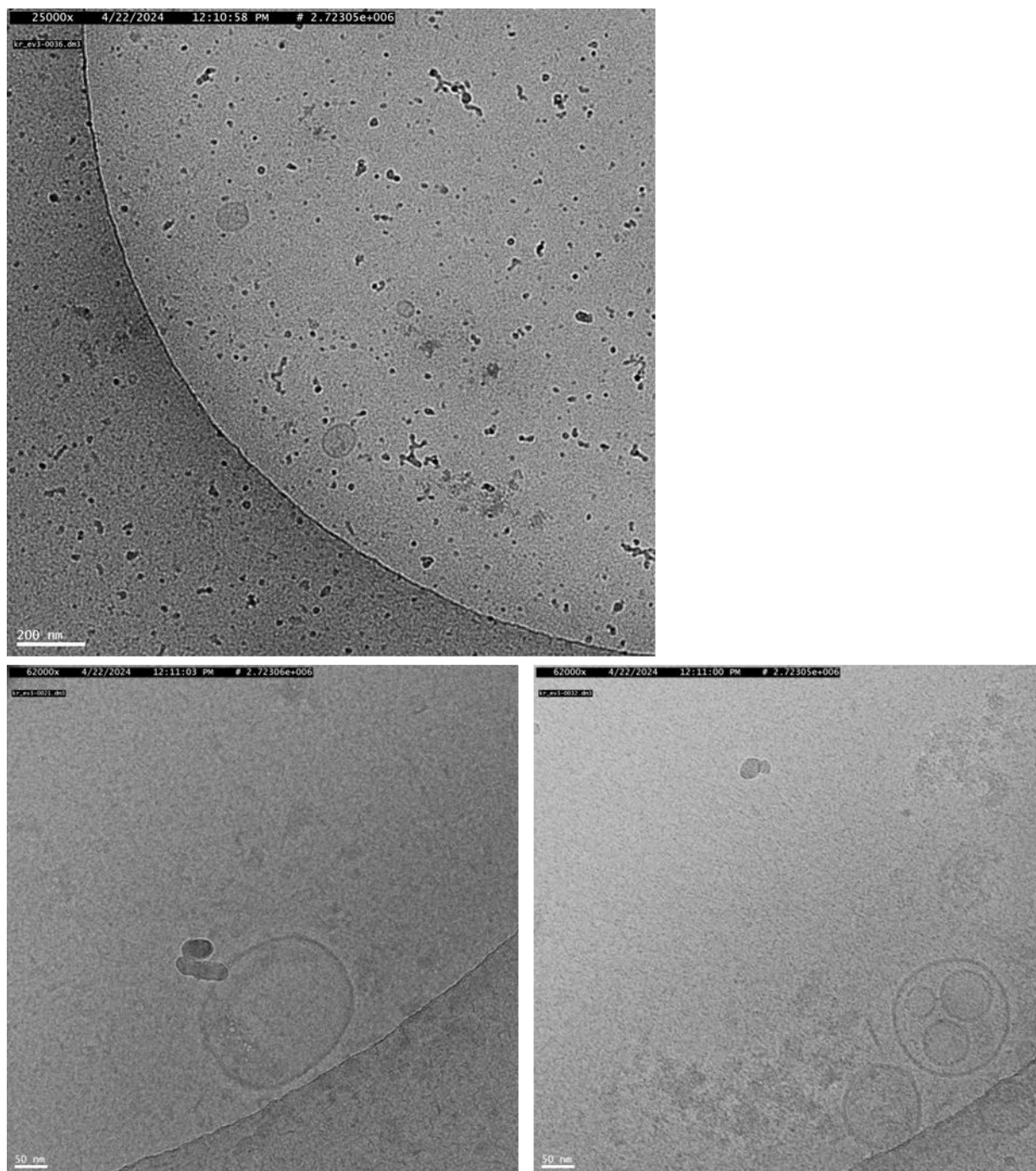


Figure S1. Images of COPD-EVs using cryo-transmission electron microscopy (Cryo-TEM)

Correlation before and after deletion of non-smoking patients

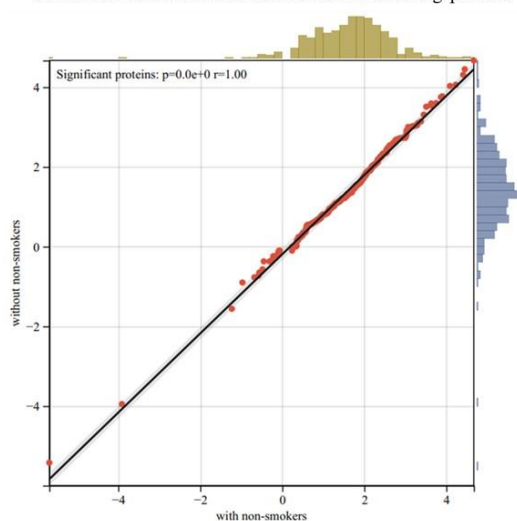


Figure S2. Correlation analysis on significant protein abundances comparing all samples with and without 3 non-smoking COPD patients

Table S1. Complete list of detected proteins in > 70% of all samples.

protein ID	protein name	detected in control	detected in COPD				
				median control	median COPD	log2FC COPD	FDR
P02788	LTF	9	17	5499.17	140144.44	4.67	1.57E-13
Q9UGM3	DMBT1	9	17	5770.69	126130.72	4.45	7.03E-06
P02647	APOA1	11	18	15501.98	328991.03	4.41	2.75E-10
Q8TDL5	BPIFB1	10	18	16193.68	303188.68	4.23	2.13E-08
P05109	S100A8	9	17	18837.36	320987.78	4.09	2.81E-08
Q9HC84	MUC5B	9	17	9494.57	141969.16	3.90	4.61E-03
P02768	ALB	11	18	73215.32	1072664.00	3.87	5.66E-06
Q9Y6R7	FCGBP	9	17	5754.11	77193.03	3.75	2.84E-03
Q9NV96	TMEM30A	9	15	5299.37	65492.06	3.63	1.32E-03
P01857	IGHG1	11	18	41939.61	514825.72	3.62	7.02E-05
P01871	IGHM	8	17	22371.98	254433.41	3.51	1.50E-04
P98088	MUC5AC	9	17	7163.80	78424.59	3.45	2.42E-09
P01024	C3	11	18	12868.19	134053.30	3.38	1.23E-04

P01624	IGKV3-15	9	17	22646.06	224035.34	3.31	9.51E-06
P08133	ANXA6	11	18	12007.96	117858.40	3.29	5.01E-09
P28068	HLA-DMB	6	15	6976.51	67504.19	3.27	2.38E-05
P06702	S100A9	8	16	11734.85	109878.65	3.23	1.55E-11
Q96FQ6	S100A16	7	15	2418.19	22125.20	3.19	1.58E-04
Q9C0K1	SLC39A8	11	15	12723.75	112727.95	3.15	4.98E-04
P25815	S100P	7	17	8317.23	69973.36	3.07	4.88E-04
P08238	HSP90A B1	11	18	12646.91	106302.48	3.07	4.15E-08
P04083	ANXA1	11	18	49761.63	406865.34	3.03	5.11E-10
P22392	NME2	5	15	6460.12	52598.04	3.03	7.23E-07
P05026	ATP1B1	5	15	8182.16	66202.91	3.02	6.46E-06
P07988	SFTPB	7	17	19427.78	156619.09	3.01	3.24E-05
A0A0B4J1V0	IGHV3-15	3	17	10186.30	81770.22	3.00	3.78E-09
P01877	IGHA2	11	18	73257.54	561263.61	2.94	5.44E-05
O14493	CLDN4	9	16	10389.07	76339.52	2.88	7.88E-03
P0C0L4	C4A	10	16	10357.59	74361.35	2.84	1.51E-03
O00159	MYO1C	11	18	16812.00	117246.56	2.80	3.44E-03
P07195	LDHB	7	18	6716.75	46171.30	2.78	8.83E-03
P01591	JCHAIN	9	17	32413.76	220953.47	2.77	7.95E-05
P07355	ANXA2	11	18	73958.42	502609.55	2.76	5.18E-07
P80188	LCN2	5	16	13513.51	91605.94	2.76	3.58E-12
A0A075B6K4	IGLV3-10	6	16	7809.60	51904.69	2.73	5.69E-07
P31946	YWHAB	11	18	12519.56	82877.36	2.73	6.08E-05
Q71U36	TUBA1A	8	16	25401.80	167786.43	2.72	8.65E-07
O00560	SDCBP	11	18	49047.34	322430.86	2.72	2.40E-03
P01701	IGLV1-51	5	16	11299.12	74205.03	2.72	8.06E-08
P01833	PIGR	10	18	25752.37	168829.40	2.71	1.77E-05
P15328	FOLR1	10	18	21321.14	138366.46	2.70	8.27E-03
Q71DI3	HIST2H3A	9	17	20775.53	133447.80	2.68	6.33E-07
P14618	PKM	10	18	12794.73	80711.59	2.66	3.08E-06
P13639	EEF2	11	18	11091.44	68115.48	2.62	3.67E-06
P62937	PPIA	11	18	26856.43	163805.85	2.61	2.68E-04
P02675	FGB	8	16	8114.62	49456.70	2.61	1.35E-05
P02652	APOA2	7	18	8213.33	49845.71	2.60	4.97E-06
A0A075B6H9	IGLV4-69	5	16	2256.94	13650.19	2.60	3.69E-06
P50148	GNAQ	11	18	24303.25	146163.25	2.59	1.70E-03
P27105	STOM	11	18	37529.01	222634.98	2.57	1.77E-05
P08962	CD63	11	18	15509.93	92003.89	2.57	3.55E-06

P12429	ANXA3	10	18	22349.24	131073.95	2.55	5.44E-08
P01876	IGHA1	10	18	104091.3 4	608814.34	2.55	2.98E-05
O96009	NAPSA	5	17	12593.01	73607.35	2.55	3.40E-04
P12277	CKB	7	17	9575.21	55804.00	2.54	1.60E-05
P53801	PTTG1IP	11	18	9615.09	55949.77	2.54	3.16E-04
P48735	IDH2	9	17	13746.84	79984.05	2.54	7.58E-05
P09960	LTA4H	10	15	8967.09	52153.96	2.54	4.00E-04
P05155	SERPIN G1	8	17	11641.75	67648.52	2.54	3.19E-06
O00194	RAB27B	9	18	19029.68	109451.07	2.52	4.58E-04
P01009	SERPINA 1	10	17	18557.37	106177.89	2.52	6.17E-07
O15143	ARPC1B	7	16	7774.45	44396.87	2.51	1.08E-05
P01889	HLA-B	7	15	11863.51	65992.81	2.48	1.22E-05
P63104	YWHAZ	11	18	16714.93	92909.72	2.47	1.55E-05
Q9NZM1	MYOF	7	18	7149.40	39194.06	2.45	3.91E-02
P08174	CD55	11	18	29733.75	162760.11	2.45	1.65E-03
P68371	TUBB4B	10	17	19836.95	107454.23	2.44	6.20E-08
P62805	H4C1	8	18	17595.07	95137.14	2.43	7.03E-06
P01834	IGKC	10	17	132258.4 1	711268.69	2.43	9.61E-07
P31947	SFN	9	17	7879.59	42118.18	2.42	1.51E-05
P01700	IGLV1- 47	9	17	8025.41	42545.29	2.41	3.25E-04
P62258	YWHAЕ	10	18	16427.53	86222.64	2.39	5.49E-04
Q8NFI5	GPRC5A	11	18	157392.6 9	825460.95	2.39	1.58E-03
A0A075B 6K5	IGLV3-9	5	17	14151.47	74180.31	2.39	3.68E-06
P01619	IGKV3- 20	10	18	51210.51	266763.89	2.38	7.33E-06
P06733	ENO1	11	18	15368.58	79603.69	2.37	2.10E-04
Q8WXI7	MUC16	10	18	10862.81	55831.94	2.36	2.81E-08
Q8N5I2	ARRDC1	8	17	22419.06	114076.60	2.35	5.61E-03
Q8IWA5	SLC44A2	10	18	20795.94	105384.62	2.34	2.42E-03
P01780	IGHV3-7	3	17	7295.57	36808.86	2.33	2.66E-08
Q8TE68	EPS8L1	10	18	10312.67	52017.07	2.33	1.81E-04
P09525	ANXA4	11	18	33768.91	169958.71	2.33	1.26E-08
Q8WUM 4	PDCD6I P	11	18	26746.72	134175.35	2.33	5.03E-04
P10909	CLU	10	17	19270.41	96570.88	2.33	1.89E-05
P04229	HLA- DRB1	11	18	40249.20	200596.34	2.32	1.13E-04
P56856	CLDN18	11	18	15873.32	77960.40	2.30	1.50E-02
Q7Z404	TMC4	11	18	20462.98	100365.20	2.29	3.79E-04
P09211	GSTP1	11	18	27730.71	133975.53	2.27	1.46E-05

Q9P0V3	SH3BP4	7	15	3842.50	18481.67	2.27	1.39E-05
P31949	S100A1 1	11	18	26651.04	127748.32	2.26	3.98E-07
P06703	S100A6	11	18	38655.92	184707.90	2.26	2.68E-08
P03973	SLPI	5	17	4688.81	22392.90	2.26	1.26E-13
O95716	RAB3D	9	17	13637.39	64878.80	2.25	1.47E-06
Q9NZN4	EHD2	11	17	20721.72	98248.66	2.25	3.79E-03
P61586	RHOA	11	18	8250.89	39061.32	2.24	1.65E-04
P04075	ALDOA	10	17	10812.94	51052.81	2.24	2.45E-06
Q99828	CIB1	11	18	34336.21	159933.63	2.22	1.43E-04
O15162	PLSCR1	8	17	9080.09	42281.86	2.22	1.01E-05
P63000	RAC1	11	18	38242.25	177773.48	2.22	3.79E-04
P40199	CEACA M6	9	17	32876.32	151667.47	2.21	2.20E-06
Q9H6S3	EPS8L2	11	18	33196.38	151961.98	2.19	6.23E-04
P35241	RDX	11	18	37544.99	171410.53	2.19	1.18E-03
P62879	GNB2	11	18	49693.78	226848.38	2.19	4.88E-04
P68363	TUBA1B	11	18	21023.61	95445.04	2.18	1.94E-07
P51148	RAB5C	11	18	20477.42	92151.90	2.17	3.90E-04
O43657	TSPAN6	11	18	13070.97	58770.07	2.17	8.22E-05
P01714	IGLV3- 19	9	17	50323.18	225965.66	2.17	4.31E-03
P37802	TAGLN2	8	16	9650.68	42913.70	2.15	3.87E-06
Q9UL25	RAB21	10	15	12571.08	55740.97	2.15	2.05E-02
Q9UQB8	BAIAP2	11	18	22530.50	99199.58	2.14	8.46E-03
P54707	ATP12A	7	16	4296.72	18892.62	2.14	7.47E-06
P61981	YWHAG	9	16	5962.88	26163.43	2.13	1.01E-04
P08758	ANXA5	11	18	98597.41	429615.39	2.12	1.46E-09
P29992	GNA11	11	18	26232.09	114218.69	2.12	1.32E-03
P53990	IST1	11	17	26068.10	112941.95	2.12	1.13E-04
P10301	RRAS	11	18	34829.68	150776.27	2.11	1.03E-03
Q08722	CD47	8	17	30198.35	128907.37	2.09	3.36E-03
P62834	RAP1A	11	18	29068.07	123974.39	2.09	1.37E-02
Q5VW32	BROX	10	17	17442.09	74264.11	2.09	5.03E-04
O00299	CLIC1	11	18	35223.40	149618.16	2.09	1.69E-04
Q13228	SELENB P1	11	18	17378.20	73264.34	2.08	1.64E-03
P04899	GNAI2	11	18	23756.46	99399.61	2.06	3.15E-04
P15941	MUC1	11	18	114627.7 7	478975.14	2.06	1.57E-02
P15311	EZR	11	18	30073.13	125195.61	2.06	4.51E-04
P20073	ANXA7	11	18	18253.86	75602.72	2.05	2.65E-09
O43795	MYO1B	9	18	14574.47	60225.10	2.05	4.60E-03
P46940	IQGAP1	9	17	12993.10	53564.80	2.04	4.17E-03
Q09666	AHNAK	10	18	7817.22	32087.61	2.04	6.14E-04
O95833	CLIC3	11	17	18765.46	76966.06	2.04	1.33E-02

P01860	IGHG3	9	17	29004.48	118809.42	2.03	4.15E-04
P62820	RAB1A	11	17	9962.79	40660.68	2.03	3.58E-05
Q15599	SLC9A3 R2	11	18	16858.82	68124.82	2.01	1.96E-02
P26038	MSN	11	18	38679.39	155342.17	2.01	2.59E-02
O15484	CAPN5	6	15	8046.76	32311.99	2.01	2.11E-05
P69905	HBA1	11	18	45922.10	183957.98	2.00	1.71E-07
O94832	MYO1D	9	18	12365.91	49199.13	1.99	5.87E-04
P61026	RAB10	11	18	16708.75	66330.65	1.99	2.61E-04
P60953	CDC42	11	18	40637.51	160929.52	1.99	6.78E-03
P48509	CD151	10	18	18610.87	73690.78	1.99	1.77E-04
P16050	ALOX15	9	18	11219.94	44397.20	1.98	6.02E-08
P13489	RNH1	7	17	10791.12	42675.17	1.98	2.90E-03
Q66K66	TMEM1 98	10	17	98494.44	388132.66	1.98	7.10E-06
P62917	RPL8	5	16	5953.43	23333.68	1.97	2.73E-03
P63261	ACTG1	11	18	71222.51	279098.66	1.97	5.57E-06
Q96FN4	CPNE2	10	18	21494.68	83385.45	1.96	4.78E-03
Q7LBR1	CHMP1 B	11	17	16351.36	63330.03	1.95	3.92E-04
P0C0L5	C4B	6	15	10165.03	39283.80	1.95	9.51E-06
B9A064	IGLL5	9	17	23727.99	91613.86	1.95	2.78E-05
P42685	FRK	6	16	11262.48	43261.50	1.94	3.85E-04
O43633	CHMP2 A	6	15	22306.88	85270.74	1.93	1.29E-04
P36969	GPX4	9	16	11080.92	42307.10	1.93	4.10E-03
O95436	SLC34A2	11	18	51206.74	193777.38	1.92	1.53E-02
P06744	GPI	9	17	10929.04	41206.30	1.91	7.71E-05
P07948	LYN	8	16	14350.07	53951.01	1.91	1.35E-03
P08134	RHOC	11	18	23325.28	87108.07	1.90	7.25E-03
A0A0B4J 1X5	IGHV3- 74	6	17	57829.35	215403.36	1.90	1.85E-04
P27487	DPP4	10	16	19310.51	71802.37	1.89	1.39E-03
P07900	HSP90A A1	8	17	21923.80	81276.92	1.89	1.71E-07
P11234	RALB	11	17	13874.64	50759.09	1.87	2.11E-03
P12931	SRC	11	18	21996.82	80346.35	1.87	3.76E-04
Q6UXY8	TMC5	11	18	27238.48	98524.18	1.85	1.86E-04
Q9Y624	F11R	8	15	19913.28	71569.84	1.85	2.23E-04
Q99829	CPNE1	6	15	10782.83	38577.74	1.84	8.05E-03
P07737	PFN1	7	17	18936.98	67616.36	1.84	9.26E-05
Q9UN76	SLC6A14	11	18	15337.06	54379.51	1.83	1.15E-02
P27216	ANXA13	9	17	15599.59	55257.43	1.82	3.32E-07
Q9BW04	SARG	11	18	12820.56	45244.35	1.82	2.94E-02
P37837	TALDO1	6	16	7859.01	27577.84	1.81	2.42E-09
P61006	RAB8A	8	16	11045.12	38745.22	1.81	1.60E-04

P13473	LAMP2	7	16	14340.00	50089.60	1.80	4.79E-02
Q8N392	ARHGAP 18	7	15	10689.65	37270.24	1.80	1.49E-03
P17931	LGALS3	11	18	32974.13	114027.16	1.79	6.72E-06
P60174	TPI1	10	18	18668.41	64554.30	1.79	7.59E-05
P50995	ANXA11	11	18	39552.10	136339.08	1.79	6.34E-07
P06396	GSN	9	17	15353.68	52630.48	1.78	5.64E-05
P29508	SERPINB 3	9	18	11651.25	39850.70	1.77	4.90E-06
O43490	PROM1	11	18	18103.77	61705.17	1.77	1.77E-04
Q96TA1	NIBAN2	8	17	12295.45	41906.76	1.77	3.16E-02
Q9HD42	CHMP1 A	9	16	6350.41	21600.37	1.77	2.05E-02
Q96AQ2	TMEM1 25	11	17	20909.52	70614.69	1.76	1.64E-03
Q15907	RAB11B	11	18	22589.01	76226.38	1.75	8.43E-04
Q06830	PRDX1	11	18	27887.87	93115.86	1.74	3.00E-06
P31025	LCN1	4	16	13722.60	45686.12	1.74	2.80E-12
P13987	CD59	11	18	109809.5 5	363903.25	1.73	6.08E-04
P62873	GNB1	11	18	42307.91	140169.79	1.73	3.83E-03
P21926	CD9	11	18	185367.5 8	612304.22	1.72	1.47E-02
P04406	GAPDH	11	18	26518.46	87466.70	1.72	6.68E-08
P27701	CD82	10	18	13925.98	45828.48	1.72	2.82E-03
P08263	GSTA1	11	18	36266.80	118860.99	1.71	9.45E-03
P11142	HSPA8	11	18	19737.46	64650.77	1.71	5.50E-05
P29401	TKT	11	17	11629.85	37948.06	1.71	4.87E-06
Q9UBV8	PEF1	11	15	14307.71	46582.54	1.70	6.19E-04
P61225	RAP2B	5	15	19284.14	62521.65	1.70	2.81E-02
Q6P9B6	MEAK7	7	15	3547.42	11494.87	1.70	1.57E-04
Q04917	YWHAH	8	16	11817.96	38135.22	1.69	7.88E-04
A0A0B4J 1U7	IGHV6-1	6	17	12359.08	39865.50	1.69	4.88E-04
P05362	ICAM1	10	18	66720.85	213482.80	1.68	2.33E-02
P21980	TGM2	8	18	21517.50	68409.20	1.67	6.31E-05
P22314	UBA1	6	16	9476.93	30085.24	1.67	3.30E-04
P01859	IGHG2	7	18	73795.10	233811.78	1.66	3.90E-04
P52566	ARHGD B	8	17	9417.74	29703.43	1.66	3.03E-04
P02774	GC	7	16	10640.64	33295.22	1.65	5.00E-06
P59998	ARPC4	4	16	15777.10	49348.93	1.65	1.24E-02
P13797	PLS3	9	18	19923.98	62256.30	1.64	4.60E-05
Q9UPU7	TBC1D2 B	4	17	15917.34	49367.85	1.63	4.13E-09
Q9P121	NTM	7	15	22670.29	69795.49	1.62	6.20E-08
O60488	ACSL4	6	16	14449.99	44337.91	1.62	2.65E-02

P63218	GNG5	11	18	16124.62	48624.24	1.59	2.05E-02
O75131	CPNE3	11	18	21718.44	65312.46	1.59	2.11E-05
Q96IU4	ABHD14 B	11	18	10971.33	32972.57	1.59	9.32E-04
P61158	ACTR3	8	16	15772.99	47378.13	1.59	1.69E-04
P04440	HLA- DPB1	11	17	17956.06	53776.77	1.58	1.49E-02
P00738	HP	9	17	32872.28	98180.29	1.58	1.97E-02
P30740	SERPINB 1	6	17	16071.22	47961.70	1.58	4.90E-06
Q9NRD9	DUOX1	8	16	10821.08	32270.91	1.58	1.05E-04
P13796	LCP1	5	17	13529.89	39965.17	1.56	1.35E-05
Q9UBI6	GNG12	11	18	22287.55	65685.57	1.56	2.74E-03
A0A0C4D H38	IGHV5- 51	6	17	15848.94	46658.02	1.56	8.06E-08
P12814	ACTN1	6	17	14611.46	42763.42	1.55	5.96E-05
Q96EY5	MVB12 A	6	16	10885.72	31740.80	1.54	1.18E-05
Q96CX2	KCTD12	10	16	14083.17	41040.31	1.54	4.85E-03
Q9H1C7	CYSTM1	10	18	166260.0 8	482096.00	1.54	6.08E-05
P30408	TM4SF1	10	17	38941.66	112349.79	1.53	6.53E-03
Q9NRX4	PHPT1	8	17	14646.36	42034.81	1.52	2.95E-05
P18085	ARF4	6	16	32503.44	92933.91	1.52	1.73E-02
P19823	ITIH2	7	16	13629.52	38903.78	1.51	6.46E-04
P02794	FTH1	6	16	9818.72	27673.83	1.49	1.99E-07
O75083	WDR1	9	18	15648.85	43721.20	1.48	8.23E-04
P01903	HLA- DRA	11	18	44887.55	123818.12	1.46	1.28E-02
P02654	APOC1	5	15	12229.90	33197.90	1.44	1.41E-06
Q9UGT4	SUSD2	11	18	55725.05	149716.23	1.43	9.80E-03
P52943	CRIP2	7	16	13175.37	35381.66	1.43	4.96E-02
P30626	SRI	10	17	29242.57	78516.34	1.42	1.29E-05
Q9UK41	VPS28	6	16	16498.35	44035.29	1.42	4.89E-03
O95164	UBL3	11	18	17744.20	47128.81	1.41	1.85E-02
O14745	SLC9A3 R1	11	18	22978.96	60660.22	1.40	4.82E-05
Q5T700	LDLRAD 1	5	15	6230.05	16347.06	1.39	9.51E-06
P05023	ATP1A1	7	16	15504.07	40521.10	1.39	1.41E-04
P02649	APOE	4	17	22313.33	57849.44	1.37	4.06E-06
Q96A22	C11orf5 2	11	18	10854.44	28109.11	1.37	1.37E-03
Q00610	CLTC	7	16	10898.87	27823.58	1.35	1.49E-06
Q99732	LITAF	8	17	20630.95	52508.45	1.35	1.39E-02
O75340	PDCD6	11	17	44683.05	113227.64	1.34	3.80E-03
Q9H0E2	TOLLIP	11	17	15470.59	39193.27	1.34	1.60E-03

Q96FZ7	CHMP6	7	15	25149.75	63404.02	1.33	3.92E-04
O00391	QSOX1	3	17	6744.49	16856.35	1.32	2.11E-05
Q9HCY8	S100A1 4	6	17	10572.70	26087.99	1.30	2.39E-04
Q15836	VAMP3	8	15	6154.95	15173.25	1.30	8.06E-05
P55064	AQP5	8	17	32881.35	80057.72	1.28	2.40E-04
P00558	PGK1	9	18	23084.14	56039.69	1.28	6.57E-05
O94760	DDAH1	8	16	24108.00	58290.50	1.27	4.72E-03
O00161	SNAP23	8	16	18515.89	44678.53	1.27	1.44E-03
P43353	ALDH3B 1	11	18	63999.51	152997.40	1.26	1.59E-03
P06312	IGKV4-1	7	17	13886.08	33175.85	1.26	3.67E-06
Q99102	MUC4	11	18	29780.55	70430.51	1.24	5.13E-08
Q92485	SMPDL3 B	7	15	37975.19	89487.79	1.24	9.14E-04
P62140	PPP1CB	7	17	14526.09	34102.03	1.23	2.38E-02
O60635	TSPAN1	11	18	81599.34	189403.99	1.21	5.12E-03
P62745	RHOB	8	15	28836.00	66916.03	1.21	3.67E-02
P61160	ACTR2	6	16	17130.95	39225.84	1.20	1.14E-04
P50502	ST13	5	15	16269.45	37015.52	1.19	1.86E-03
P61020	RAB5B	8	16	13107.31	29750.51	1.18	2.40E-03
Q96KP4	CNDP2	11	18	24129.26	54653.83	1.18	4.40E-05
P23528	CFL1	11	18	20968.79	47483.26	1.18	5.52E-04
Q99816	TSG101	11	18	30495.02	68322.19	1.16	1.50E-02
P68402	PAFAH1 B2	5	15	5301.70	11820.10	1.16	8.91E-03
P47929	LGALS7	5	16	7859.20	17441.95	1.15	1.79E-03
Q9H4A4	RNPEP	7	17	12906.31	28580.42	1.15	1.74E-04
Q8IYJ3	SYTL1	5	16	18964.66	41770.30	1.14	4.80E-03
P28062	PSMB8	5	15	10979.29	24139.32	1.14	6.17E-07
P28838	LAP3	6	16	11366.34	24905.56	1.13	5.43E-06
P04196	HRG	4	16	16816.94	36752.39	1.13	2.19E-06
Q9BV40	VAMP8	9	17	14067.39	30673.41	1.12	7.59E-05
P21333	FLNA	5	15	11507.93	24929.67	1.12	1.48E-05
P60903	S100A1 0	10	16	34386.15	74295.97	1.11	3.09E-03
P02743	APCS	6	15	12650.79	27323.25	1.11	1.44E-05
P00450	CP	8	17	19040.43	40592.42	1.09	9.80E-03
P68871	HBB	10	18	73334.61	156015.36	1.09	2.02E-06
P55072	VCP	6	17	19553.31	41103.34	1.07	3.40E-06
P02792	FTL	4	17	15797.54	33011.32	1.06	9.82E-07
P19075	TSPAN8	8	17	13506.14	27948.92	1.05	1.39E-05
Q86TJ2	TADA2B	8	16	27075.97	54630.58	1.01	6.79E-03
P52209	PGD	9	17	16598.13	32941.12	0.99	3.13E-04
Q05655	PRKCD	8	17	12697.94	25193.51	0.99	2.94E-02
O75695	RP2	9	16	11527.00	22763.86	0.98	1.52E-02

P60981	DSTN	11	18	18195.63	35455.16	0.96	1.26E-02
Q53GD3	SLC44A4	11	18	58689.45	114014.26	0.96	4.61E-03
P13693	TPT1	6	15	7379.57	14279.25	0.95	1.64E-04
P02679	FGG	9	18	19049.89	36785.47	0.95	4.87E-05
Q9HAV0	GNB4	6	15	17052.29	32802.72	0.94	9.71E-03
P00338	LDHA	8	17	50211.80	96580.37	0.94	1.58E-04
P01008	SERPINC 1	9	17	18293.73	35110.18	0.94	6.67E-03
Q969L2	MAL2	7	18	71893.75	137625.93	0.94	2.25E-02
P19440	GGT1	7	16	32644.91	62212.17	0.93	4.48E-05
P40925	MDH1	7	17	26974.85	51104.63	0.92	2.23E-04
P30838	ALDH3A 1	8	17	15440.21	29149.88	0.92	6.44E-05
Q6P6B1	ERICH5	7	16	8225.02	15365.33	0.90	8.40E-04
Q13938	CAPS	10	18	36154.96	66557.46	0.88	1.01E-02
P30044	PRDX5	11	18	43875.85	80285.98	0.87	2.90E-03
O95837	GNA14	8	16	16338.84	29873.07	0.87	1.35E-03
P04632	CAPNS1	4	16	20710.09	37861.63	0.87	2.97E-04
P15104	GLUL	5	17	13197.93	23766.24	0.85	2.16E-03
Q9Y490	TLN1	5	15	7858.96	14113.02	0.84	2.55E-04
P67936	TPM4	4	17	8135.66	14588.83	0.84	6.89E-04
P61019	RAB2A	7	15	30923.36	54730.82	0.82	3.57E-02
P06727	APOA4	7	15	26117.18	46140.74	0.82	2.19E-06
Q99497	PARK7	8	17	19852.57	34997.25	0.82	2.19E-02
Q96NY7	CLIC6	10	18	16749.20	29516.32	0.82	1.65E-03
P11686	SFTPC	6	15	13034.48	22802.03	0.81	1.59E-03
P30041	PRDX6	10	18	52847.21	90609.85	0.78	5.29E-03
P62070	RRAS2	6	15	22808.69	38608.21	0.76	2.10E-02
Q9H4G4	GLIPR2	10	17	59550.92	100706.16	0.76	2.31E-02
P50395	GDI2	8	18	32014.07	54059.42	0.76	1.70E-02
P25787	PSMA2	5	15	7589.83	12669.69	0.74	3.07E-05
Q8TAV4	STOML3	5	16	11154.76	18538.25	0.73	1.94E-03
O43866	CD5L	6	16	10115.47	16718.95	0.72	4.98E-04
P62826	RAN	6	17	26447.18	43232.98	0.71	2.49E-05
P00352	ALDH1A 1	10	18	38611.22	63094.09	0.71	2.90E-03
Q16555	DPYSL2	5	17	25386.52	41430.84	0.71	1.41E-02
P10599	TXN	11	18	36254.34	58879.00	0.70	8.95E-04
Q9P265	DIP2B	5	15	23425.71	36759.27	0.65	1.02E-02
P14923	JUP	9	18	11542.93	18000.40	0.64	1.26E-03
P01042	KNG1	5	16	17447.20	27087.80	0.63	1.16E-05
P02765	AHSG	5	16	17509.84	27092.54	0.63	8.23E-06
Q96AX2	RAB37	5	15	21421.55	32766.93	0.61	1.81E-04
P05107	ITGB2	5	16	28874.70	43729.40	0.60	3.57E-05
P39019	RPS19	5	15	11093.88	16784.83	0.60	8.91E-04
P61106	RAB14	6	15	16345.83	24569.65	0.59	4.38E-03

P02538	KRT6A	11	18	37242.40	55931.05	0.59	4.60E-03
P01602	IGKV1-5	4	17	251740.7 3	376759.38	0.58	3.68E-04
P04040	CAT	9	17	20386.73	30334.88	0.57	3.31E-02
P13726	F3	5	16	17478.07	26000.97	0.57	2.19E-02
P61626	LYZ	10	18	14816.62	21984.74	0.57	4.49E-04
P22735	TGM1	8	15	13835.13	20452.85	0.56	2.44E-03
P57735	RAB25	6	15	33663.89	49688.51	0.56	1.27E-03
Q9NQ79	CRTAC1	6	15	12609.40	18585.27	0.56	1.53E-03
P19971	TYMP	4	17	27943.25	40700.92	0.54	1.62E-04
P15924	DSP	11	18	12624.01	18015.10	0.51	1.69E-04
Q9Y230	RUVBL2	6	15	15077.32	21453.85	0.51	4.66E-05
P25786	PSMA1	5	15	14473.09	20514.78	0.50	6.18E-05
P78417	GSTO1	8	17	31401.39	44087.15	0.49	2.38E-02
P80723	BASP1	11	17	7107.88	9953.05	0.49	6.46E-04
Q53TN4	CYBRD1	10	18	57418.88	79104.88	0.46	3.29E-02
P16152	CBR1	6	17	28795.03	39255.45	0.45	1.33E-02
O43707	ACTN4	5	18	18423.95	24394.44	0.40	7.77E-03
P07384	CAPN1	4	17	27039.93	35689.26	0.40	2.64E-02
P02749	APOH	5	15	18509.75	24414.74	0.40	2.66E-07
P17655	CAPN2	5	15	30649.91	40163.85	0.39	9.51E-05
Q8N9U0	TC2N	6	16	20795.12	26884.48	0.37	1.24E-02
P02787	TF	9	17	28135.60	36182.37	0.36	4.30E-05
P22528	SPRR1B	9	18	13255.72	16958.28	0.36	1.02E-02
P13647	KRT5	11	18	32413.68	41313.18	0.35	3.04E-03
P02533	KRT14	11	18	45174.99	56907.23	0.33	6.68E-03
P05090	APOD	4	16	10614.51	12999.29	0.29	2.28E-07
P01031	C5	5	16	15572.13	18423.59	0.24	1.17E-04
P26447	S100A4	4	16	30173.02	35636.67	0.24	3.05E-02
P36578	RPL4	4	17	10327.24	9882.69	- 0.06	2.80E-05
P29966	MARCKS	8	16	9553.06	9052.93	- 0.08	8.38E-03
O75558	STX11	5	15	22564.99	21366.40	- 0.08	1.45E-02
Q8IWU2	LMTK2	11	17	35855.73	33724.52	- 0.09	7.93E-05
P00751	CFB	8	17	26330.92	24645.16	- 0.10	1.45E-03
P08779	KRT16	10	18	20922.58	18846.81	- 0.15	2.39E-02
Q04695	KRT17	10	18	20938.46	18010.64	- 0.22	2.86E-02
P07741	APRT	5	16	59865.34	50852.88	- 0.24	2.96E-03
P14550	AKR1A1	5	16	22440.14	18047.11	- 0.31	4.12E-03

P05089	ARG1	9	18	24670.92	18064.68	- 0.45	7.78E-03
P12273	PIP	7	18	30829.10	22128.42	- 0.48	2.38E-02
P0C672	TSPAN1 9	6	16	13619.85	9258.51	- 0.56	4.53E-02
P50238	CRIP1	4	17	37556.03	25055.73	- 0.58	5.38E-04
P35237	SERPINB 6	3	17	54993.51	34332.82	- 0.68	2.47E-02
P00325	ADH1B	7	16	31335.92	16022.30	- 0.97	3.54E-02
P51674	GPM6A	7	17	154750.3 8	65956.73	- 1.23	2.08E-03
P19827	ITIH1	10	16	262254.7 0	17411.42	- 3.91	7.19E-05
Q14376	GALE	6	16	1017610. 56	19860.06	- 5.68	2.78E-02
Q99758	ABCA3	9	16	12059.83	100308.96	3.06	FDR > 0.05
P59665;P 59666	DEFA1;D EFA3	5	16	15123.16	111356.39	2.88	FDR > 0.05
P84095	RHOG	9	16	8280.25	59987.02	2.86	FDR > 0.05
P0DOY2; P0DOY3	IGLC2;IG LC3	11	18	89722.35	562527.41	2.65	FDR > 0.05
Q14254	FLOT2	11	17	10000.46	61452.38	2.62	FDR > 0.05
Q92817	EVPL	10	18	7021.76	39300.40	2.48	FDR > 0.05
A0A0A0 MRZ8;P0 4433	IGKV3D- 11;IGKV 3-11	5	16	26030.35	143930.20	2.47	FDR > 0.05
Q8IVT2	MISP	7	13	2431.86	12885.92	2.41	FDR > 0.05
P0CG47; P0CG48; P62979;P 62987	UBB;UB C;RPS27 A;UBA5 2	11	18	224072.9 8	1176804.63	2.39	FDR > 0.05
Q9Y376	CAB39	7	16	9227.99	47956.23	2.38	FDR > 0.05
O60437	PPL	10	17	10118.15	52126.39	2.37	FDR > 0.05
Q9Y5K6	CD2AP	7	13	5397.32	27342.34	2.34	FDR > 0.05
P05186	ALPL	11	18	17454.19	87806.54	2.33	FDR > 0.05
Q99571	P2RX4	9	15	18882.16	92201.49	2.29	FDR > 0.05
Q16881	TXNRD1	7	14	7047.13	33977.04	2.27	FDR > 0.05

A0A0C4D H41;P01 824;P018 25;P0633 1;P0DP0 6;P0DP0 8	IGHV4- 61;IGHV 4- 39;IGHV 4- 59;IGHV 4- 34;IGHV 4-30- 4;IGHV4 -38-2	7	17	14941.77	71994.64	2.27	FDR > 0.05
O60603	TLR2	10	14	7613.50	36315.76	2.25	FDR > 0.05
P01023	A2M	9	17	21314.71	95411.09	2.16	FDR > 0.05
P13861	PRKAR2 A	11	18	14959.74	65652.36	2.13	FDR > 0.05
Q9H4M9	EHD1	9	17	18615.01	80081.63	2.11	FDR > 0.05
Q9HAC8	UBTD1	6	14	10672.17	44398.00	2.06	FDR > 0.05
P68104; Q5VTE0	EEF1A1; EEF1A1P 5	10	18	26606.66	107544.22	2.02	FDR > 0.05
Q9H223	EHD4	10	18	16828.88	67239.45	2.00	FDR > 0.05
Q12929	EPS8	11	18	23832.20	95201.45	2.00	FDR > 0.05
A0A075B 6S2;A2NJ V5	IGKV2D- 29;IGKV 2-29	7	17	30675.55	113475.09	1.89	FDR > 0.05
P06899;P 23527;P3 3778;Q1 6778	HIST1H2 BJ;HIST1 H2BO;HI ST1H2B B;HIST2 H2BE	7	17	11195.21	40990.21	1.87	FDR > 0.05
P15144	ANPEP	11	17	20200.89	73888.02	1.87	FDR > 0.05
A0A1B0 GWB2	PRRT1B	9	13	10405.51	37305.61	1.84	FDR > 0.05
P01768;P 0DP03	IGHV3- 30;IGHV 3-30-5	8	17	12091.48	43241.07	1.84	FDR > 0.05
Q5HYA8	TMEM6 7	8	13	6405.46	22706.98	1.83	FDR > 0.05
P14384	CPM	7	13	12704.83	44881.25	1.82	FDR > 0.05
Q14108	SCARB2	9	16	13305.31	45926.29	1.79	FDR > 0.05

P27348	YWHAQ	7	16	10032.72	34615.80	1.79	FDR > 0.05
Q3B8N2; Q6DKI2	LGALS9 B;LGALS 9C	7	16	13513.52	46184.88	1.77	FDR > 0.05
O75955	FLOT1	7	16	10344.42	35016.16	1.76	FDR > 0.05
Q9UNF0	PAC SIN2	8	17	14941.73	49578.89	1.73	FDR > 0.05
Q16348	SLC15A2	8	17	22938.03	74399.30	1.70	FDR > 0.05
Q12923	PTPN13	7	17	14507.59	46734.77	1.69	FDR > 0.05
P01706;P 01709	IGLV2- 11;IGLV 2-8	7	17	26579.83	85050.98	1.68	FDR > 0.05
Q16651	PRSS8	8	16	19687.18	62987.21	1.68	FDR > 0.05
Q969X1	TMBIM1	11	18	65152.28	207497.05	1.67	FDR > 0.05
P01920	HLA- DQB1	7	14	34621.68	109745.70	1.66	FDR > 0.05
P84077	ARF1	10	18	37530.48	116903.63	1.64	FDR > 0.05
P02671	FGA	6	16	6234.06	19385.57	1.64	FDR > 0.05
Q16777; Q6FI13	HIST2H2 AC;HIST 2H2AA3	6	17	24393.89	75363.59	1.63	FDR > 0.05
P00568	AK1	9	18	19510.59	60255.13	1.63	FDR > 0.05
Q8IWL1; Q8IWL2	SFTPA2; SFTPA1	8	17	24691.06	76104.78	1.62	FDR > 0.05
P20339	RAB5A	7	14	19420.53	59573.17	1.62	FDR > 0.05
P61088	UBE2N	7	17	19158.43	56378.89	1.56	FDR > 0.05
P16671	CD36	10	17	35904.85	105248.47	1.55	FDR > 0.05
Q9NY47	CACNA2 D2	11	17	35534.54	103903.88	1.55	FDR > 0.05
Q9UHR4	BAIAP2L 1	11	16	14496.24	42240.50	1.54	FDR > 0.05
P09543	CNP	8	18	18291.78	53247.09	1.54	FDR > 0.05
P04439	HLA-A	9	15	23105.61	66913.24	1.53	FDR > 0.05
O95336	PGLS	6	14	16444.38	47618.33	1.53	FDR > 0.05
P0DMV8; P0DMV9	HSPA1A ;HSPA1B	11	18	24940.48	71946.93	1.53	FDR > 0.05

P04745	AMY1A	6	14	6320.83	18149.13	1.52	FDR > 0.05
P62736;P63267	ACTA2; ACTG2	11	17	56062.05	160154.03	1.51	FDR > 0.05
P01906	HLA-DQA2	10	17	66085.93	187778.25	1.51	FDR > 0.05
P63092; Q5JWF2	GNAS	9	18	31290.54	87748.36	1.49	FDR > 0.05
Q13277	STX3	8	16	7367.73	20169.74	1.45	FDR > 0.05
Q687X5	STEAP4	10	18	38601.24	104020.80	1.43	FDR > 0.05
Q9H7P6	MVB12 B	8	12	17259.46	44916.14	1.38	FDR > 0.05
Q9BUL8	PDCD10	8	18	27960.93	71522.48	1.35	FDR > 0.05
P35247	SFTPD	11	16	163502.27	411820.36	1.33	FDR > 0.05
Q9NQ84	GPRC5C	10	18	37185.73	92193.30	1.31	FDR > 0.05
P05091	ALDH2	10	18	30555.76	75416.28	1.30	FDR > 0.05
P35579	MYH9	6	15	8059.60	19676.30	1.29	FDR > 0.05
Q15833	STXBP2	9	17	18423.26	43725.60	1.25	FDR > 0.05
P21589	NT5E	9	18	15914.30	37610.05	1.24	FDR > 0.05
P0DP23; P0DP24; P0DP25	CALM1; CALM2; CALM3	11	18	28852.01	67840.84	1.23	FDR > 0.05
P36269	GGT5	7	16	15743.11	36996.71	1.23	FDR > 0.05
P49189	ALDH9A1	9	17	9984.97	23125.26	1.21	FDR > 0.05
Q86YZ3	HRNR	11	18	5600.38	12290.77	1.13	FDR > 0.05
Q9NZN3	EHD3	11	18	42753.61	93704.52	1.13	FDR > 0.05
P29972	AQP1	11	18	54385.01	119136.54	1.13	FDR > 0.05
Q86YQ8	CPNE8	11	18	22570.42	49128.04	1.12	FDR > 0.05
P51153	RAB13	7	14	23377.57	50783.01	1.12	FDR > 0.05
Q15286	RAB35	8	16	11134.85	23633.44	1.09	FDR > 0.05
Q9Y696	CLIC4	7	14	22099.51	46316.66	1.07	FDR > 0.05
P12821	ACE	6	17	24359.18	50898.48	1.06	FDR > 0.05

Q9NP55	BPIFA1	11	18	29035.38	60172.88	1.05	FDR > 0.05
Q13404	UBE2V1	6	15	19881.15	41057.23	1.05	FDR > 0.05
P06737	PYGL	6	16	9573.25	19693.28	1.04	FDR > 0.05
Q01469	FABP5	11	18	29847.81	60793.57	1.03	FDR > 0.05
Q9H444	CHMP4 B	8	15	18187.10	36908.00	1.02	FDR > 0.05
P04156	PRNP	6	15	13812.44	27982.66	1.02	FDR > 0.05
P32119	PRDX2	9	18	25599.16	51676.52	1.01	FDR > 0.05
P36405	ARL3	6	14	17182.45	34481.56	1.00	FDR > 0.05
P32856	STX2	7	17	12066.13	24182.24	1.00	FDR > 0.05
P09104	ENO2	6	16	25461.08	50690.63	0.99	FDR > 0.05
P09210	GSTA2	7	17	25611.95	50939.55	0.99	FDR > 0.05
Q9UQV4	LAMP3	8	17	68660.44	135286.20	0.98	FDR > 0.05
P61764	STXBP1	8	17	20327.19	38091.49	0.91	FDR > 0.05
P01011	SERPINA 3	7	17	17780.23	33224.50	0.90	FDR > 0.05
Q9UQN3	CHMP2 B	7	17	42218.70	77354.13	0.87	FDR > 0.05
Q562R1	ACTBL2	9	18	115630.59	208423.04	0.85	FDR > 0.05
P20036	HLA-DPA1	10	16	45891.91	82003.16	0.84	FDR > 0.05
P60709	ACTB	7	16	54119.39	95228.04	0.82	FDR > 0.05
Q9NZA1	CLIC5	6	16	12351.91	21577.59	0.80	FDR > 0.05
Q04828	AKR1C1	9	18	26790.79	45966.16	0.78	FDR > 0.05
Q4VNC1	ATP13A 4	5	15	19715.50	33676.43	0.77	FDR > 0.05
P04264	KRT1	11	18	72790.04	123676.29	0.76	FDR > 0.05
O15551	CLDN3	8	17	51977.00	87347.72	0.75	FDR > 0.05
P02790	HPX	4	17	18810.11	30629.91	0.70	FDR > 0.05
Q9UKS6	PACSIN3	6	14	14513.85	22966.47	0.66	FDR > 0.05

Q9NZZ3	CHMP5	8	15	26069.90	41200.04	0.66	FDR > 0.05
O75351	VPS4B	8	18	32594.08	51502.95	0.66	FDR > 0.05
Q96QA5	GSDMA	8	15	7960.67	12501.88	0.65	FDR > 0.05
Q7L576	CYFIP1	7	16	16477.73	25590.01	0.64	FDR > 0.05
P51149	RAB7A	10	16	47562.04	73430.76	0.63	FDR > 0.05
P54920	NAPA	6	16	23625.18	36271.44	0.62	FDR > 0.05
Q9NP79	VTA1	9	18	17977.80	27312.86	0.60	FDR > 0.05
P35527	KRT9	11	18	64002.72	97203.11	0.60	FDR > 0.05
P50225	SULT1A1	8	14	25702.73	38411.62	0.58	FDR > 0.05
Q99536	VAT1	5	16	40394.24	60285.86	0.58	FDR > 0.05
Q86VE9	SERINC5	9	15	22000.14	32386.82	0.56	FDR > 0.05
P30086	PEBP1	10	18	30261.74	44170.40	0.55	FDR > 0.05
Q96PU5	NEDD4L	6	14	13351.91	19452.29	0.54	FDR > 0.05
Q9Y6E0	STK24	8	17	27980.10	40284.47	0.53	FDR > 0.05
P13645	KRT10	11	18	137140.80	193906.54	0.50	FDR > 0.05
Q9H2G2	SLK	6	17	19349.13	27133.34	0.49	FDR > 0.05
P08754	GNAI3	8	17	41878.10	58582.82	0.48	FDR > 0.05
O14817	TSPAN4	8	13	30847.25	42884.66	0.48	FDR > 0.05
Q14344	GNA13	4	16	32767.03	45375.96	0.47	FDR > 0.05
P04259	KRT6B	11	18	86661.12	119932.21	0.47	FDR > 0.05
Q3SY84	KRT71	6	15	64085.96	88344.86	0.46	FDR > 0.05
P53634	CTSC	4	16	16462.46	22664.52	0.46	FDR > 0.05
Q71RC9	SMIM5	10	18	36489.30	50004.21	0.45	FDR > 0.05
Q5VZK9	CARMIL1	5	16	30968.25	42351.64	0.45	FDR > 0.05
P49327	FASN	6	14	20304.52	27683.85	0.45	FDR > 0.05

P01111	NRAS	6	17	44896.39	61042.96	0.44	FDR > 0.05
P60033	CD81	11	18	94397.16	126942.65	0.43	FDR > 0.05
Q15517	CDSN	8	18	23905.24	32018.26	0.42	FDR > 0.05
Q96QR1	SCGB3A 1	8	17	21320.32	28022.41	0.39	FDR > 0.05
P43652	AFM	5	16	5674.03	7450.58	0.39	FDR > 0.05
P63241	EIF5A	8	16	19445.01	25432.05	0.39	FDR > 0.05
O15393	TMPRSS 2	6	17	12924.07	16679.49	0.37	FDR > 0.05
Q9Y2A7	NCKAP1	7	16	22297.55	28519.96	0.36	FDR > 0.05
Q6KB66	KRT80	9	17	9026.91	11427.52	0.34	FDR > 0.05
P35030	PRSS3	5	16	18809.40	23772.15	0.34	FDR > 0.05
P35908	KRT2	11	18	66672.88	84023.61	0.33	FDR > 0.05
P36871	PGM1	6	16	19145.08	24021.41	0.33	FDR > 0.05
Q08188	TGM3	10	18	13727.93	17099.81	0.32	FDR > 0.05
P07947	YES1	4	16	31104.91	37712.22	0.28	FDR > 0.05
P00966	ASS1	7	17	20693.86	25009.98	0.27	FDR > 0.05
P11413	G6PD	6	15	25548.71	30846.40	0.27	FDR > 0.05
Q5T749	KPRP	11	18	18969.17	22810.38	0.27	FDR > 0.05
P05787	KRT8	11	18	24140.32	28816.03	0.26	FDR > 0.05
Q9BW30	TPPP3	11	17	29728.64	35424.61	0.25	FDR > 0.05
P23284	PPIB	6	15	11103.81	13198.62	0.25	FDR > 0.05
Q9UN37	VPS4A	7	17	22700.30	26820.52	0.24	FDR > 0.05
P20930	FLG	9	17	9080.15	10718.58	0.24	FDR > 0.05
P51659	HSD17B 4	11	11	49947.62	58943.61	0.24	FDR > 0.05
Q6Y7W6	GIGYF2	10	18	141739.4 8	167108.52	0.24	FDR > 0.05
Q13867	BLMH	7	17	7532.69	8839.82	0.23	FDR > 0.05

Q08554	DSC1	7	17	11480.60	13469.20	0.23	FDR > 0.05
P30043	BLVRB	4	16	31829.60	37287.75	0.23	FDR > 0.05
Q8N271	PROM2	4	16	19757.03	23113.95	0.23	FDR > 0.05
P04792	HSPB1	8	18	39292.73	45770.78	0.22	FDR > 0.05
P63096	GNAI1	8	17	35270.78	40550.33	0.20	FDR > 0.05
P16070	CD44	9	16	28525.90	32355.83	0.18	FDR > 0.05
P25788	PSMA3	5	17	14428.81	16205.63	0.17	FDR > 0.05
K7EJ46	SMIM22	11	18	334074.4 7	370876.52	0.15	FDR > 0.05
P22897	MRC1	7	16	23628.57	26136.08	0.15	FDR > 0.05
P52907	CAPZA1	6	16	21025.65	22955.42	0.13	FDR > 0.05
Q7Z794	KRT77	11	18	29713.70	31245.58	0.07	FDR > 0.05
P81605	DCD	11	18	35901.46	37522.49	0.06	FDR > 0.05
Q16851	UGP2	6	14	25275.11	26398.21	0.06	FDR > 0.05
Q08380	LGALS3 BP	11	18	573287.4 4	595587.78	0.06	FDR > 0.05
P47756	CAPZB	5	15	16574.06	17125.73	0.05	FDR > 0.05
Q9C0H9	SRCIN1	11	16	47677.99	49080.81	0.04	FDR > 0.05
O15400	STX7	6	17	58937.87	59875.86	0.02	FDR > 0.05
P09972	ALDOC	8	17	39085.68	38527.21	- 0.02	FDR > 0.05
P07477	PRSS1	11	18	151804.8 9	146445.23	- 0.05	FDR > 0.05
P55786	NPEPPS	6	18	21020.51	20158.70	- 0.06	FDR > 0.05
Q02413	DSG1	11	18	15016.69	14262.21	- 0.07	FDR > 0.05
P31944	CASP14	7	16	12694.90	12043.31	- 0.08	FDR > 0.05
P09417	QDPR	10	18	36741.83	34748.39	- 0.08	FDR > 0.05
P05388; Q8NHW5	RPLP0;R PLP0P6	11	18	103194.0 9	96608.43	- 0.10	FDR > 0.05
P20039	HLA- DRB1	10	17	96140.01	89935.39	- 0.10	FDR > 0.05

Q5D862	FLG2	10	18	7190.09	6717.31	- 0.10	FDR > 0.05
Q9UHI7	SLC23A1	6	15	12422.09	11525.97	- 0.11	FDR > 0.05
P22532;P 35325	SPRR2D; SPRR2B	11	17	37228.57	34396.40	- 0.11	FDR > 0.05
Q99456	KRT12	11	18	608189.6 9	561803.13	- 0.11	FDR > 0.05
P00441	SOD1	6	14	29022.89	26777.22	- 0.12	FDR > 0.05
Q00796	SORD	9	17	23634.43	21757.35	- 0.12	FDR > 0.05
Q12913	PTPRJ	6	15	42924.96	38724.52	- 0.15	FDR > 0.05
P27797	CALR	5	15	3617.11	3262.29	- 0.15	FDR > 0.05
P13646	KRT13	11	18	134465.8 9	118157.68	- 0.19	FDR > 0.05
P19013	KRT4	9	17	17459.71	15263.89	- 0.19	FDR > 0.05
P25311	AZGP1	5	16	15592.29	13314.55	- 0.23	FDR > 0.05
P07339	CTSD	8	18	29676.41	25155.75	- 0.24	FDR > 0.05
Q9NZT1	CALML5	11	18	56343.72	47041.94	- 0.26	FDR > 0.05
Q14CZ7	FASTKD 3	11	17	502354.7 8	409722.59	- 0.29	FDR > 0.05
P61224	RAP1B	6	14	26130.10	21213.89	- 0.30	FDR > 0.05
P21695	GPD1	4	16	26841.64	21491.12	- 0.32	FDR > 0.05
P01040	CSTA	8	18	16843.97	13336.92	- 0.34	FDR > 0.05
P02766	TTR	6	16	57930.47	45620.60	- 0.34	FDR > 0.05
O75874	IDH1	5	17	34816.75	26845.59	- 0.38	FDR > 0.05
Q8NG11	TSPAN1 4	8	17	184687.9 9	139550.88	- 0.40	FDR > 0.05
Q8N1N4	KRT78	10	18	28554.57	21014.78	- 0.44	FDR > 0.05
P02751	FN1	4	16	27088.45	19794.65	- 0.45	FDR > 0.05
Q6UX06	OLFM4	8	16	128893.4 1	93717.92	- 0.46	FDR > 0.05
P00918	CA2	5	15	27629.38	18131.95	- 0.61	FDR > 0.05
Q9HCH5	SYTL2	6	15	31420.07	19681.34	- 0.67	FDR > 0.05

P09467	FBP1	10	18	53100.22	32634.18	- 0.70	FDR > 0.05
Q13835	PKP1	5	17	11732.47	6791.69	- 0.79	FDR > 0.05
O60701	UGDH	4	16	25936.42	13951.18	- 0.89	FDR > 0.05
P11498	PC	7	15	60500.74	29689.59	- 1.03	FDR > 0.05
Q9UBC9	SPRR3	4	17	16086.74	6786.75	- 1.25	FDR > 0.05
P78385	KRT83	9	17	23668.96	9211.60	- 1.36	FDR > 0.05
P31327	CPS1	8	14	25076.27	9758.55	- 1.36	FDR > 0.05
P08727	KRT19	11	18	66222.65	23130.54	- 1.52	FDR > 0.05
P04114	APOB	8	17	81382.46	19999.88	- 2.02	FDR > 0.05
P25705	ATP5F1 A	6	14	39728.77	9241.56	- 2.10	FDR > 0.05
Q5T750	XP32	5	17	257526.8 1	58629.80	- 2.14	FDR > 0.05
P16112	ACAN	8	12	192553.4 8	6572.68	- 4.87	FDR > 0.05

Sorted by log2FC COPD vs control, only proteins detected in > 70% of all samples (20/29) are listed

Table S2. Receptors on BALF EVs

Enriched on COPD EVs							
ID	protein name	detected in samples control	detected in samples COPD	median intensity control	Median intensity COPD	FC COPD to control	log2FC COPD to control
Q86X29	LSR	5/11	14/18	10754.62	29599.78	2.75	1.46
Q92542	NCSTN	3/11	13/18	7638.79	17971.40	2.35	1.23
P13164	IFITM1;IFITM3;IFITM2	3/11	13/18	14082.71	24930.49	1.77	0.82
P08575	PTPRC	3/11	14/18	18893.75	30093.93	1.59	0.67
P05107	ITGB2	5/11	16/18	28874.70	43729.40	1.51	0.60
P11215	ITGAM	3/11	14/18	11446.00	17328.31	1.51	0.60
P13726	F3	5/11	16/18	17478.07	26000.97	1.49	0.57
Q03135	CAV1	5/11	14/18	68970.98	88218.31	1.28	0.36
P26006	ITGA3	3/11	15/18	16334.63	17816.25	1.09	0.13
P19397	CD53	3/11	13/18	52290.19	48478.36	0.93	-0.11
P11279	LAMP1	3/11	15/18	31599.47	28388.38	0.90	-0.15
Present on both COPD and Control EVs							
P98088	MUC5AC	9/11	17/18	7163.80	78424.59	10.95	3.45
O14493	CLDN4	9/11	16/18	10389.07	76339.52	7.35	2.88
P01833	PIGR	10/11	18/18	25752.37	168829.40	6.56	2.71
P08962	CD63	11/11	18/18	15509.93	92003.89	5.93	2.57
O60603	TLR2	10/11	14/18	7613.50	36315.76	4.77	2.25
Q08722	CD47	8/11	17/18	30198.35	128907.37	4.27	2.09
P15941	MUC1	11/11	18/18	114627.77	478975.14	4.18	2.06
P15311	EZR	11/11	18/18	30073.13	125195.61	4.16	2.06
P26038	MSN	11/11	18/18	38679.39	155342.17	4.02	2.01
P48509	CD151	10/11	18/18	18610.87	73690.78	3.96	1.99
P27487	DPP4	10/11	16/18	19310.51	71802.37	3.72	1.89
Q9Y624	F11R	8/11	15/18	19913.28	71569.84	3.59	1.85
Q5HYA8	TMEM67	8/11	13/18	6405.46	22706.98	3.54	1.83
P21926	CD9	11/11	18/18	185367.58	612304.22	3.30	1.72
P27701	CD82	10/11	18/18	13925.98	45828.48	3.29	1.72
P16671	CD36	10/11	17/18	35904.85	105248.47	2.93	1.55
P55064	AQP5	8/11	17/18	32881.35	80057.72	2.43	1.28
P21589	NT5E	9/11	18/18	15914.30	37610.05	2.36	1.24
O60635	TSPAN1	11/11	18/18	81599.34	189403.99	2.32	1.21
P29972	AQP1	11/11	18/18	54385.01	119136.54	2.19	1.13
P60033	CD81	11/11	18/18	94397.16	126942.65	1.34	0.43
P16070	CD44	9/11	16/18	28525.90	32355.83	1.13	0.18
Q02413	DSG1	11/11	18/18	15016.69	14262.21	0.95	-0.07
Q8NG11	TSPAN14	8/11	17/18	184687.99	139550.88	0.76	-0.40

Proteins are classified as detected if found in >70% of the samples per group

Table S3. Ligands on BALF EVs

Enriched on COPD EVs							
ID	protein name	detected in samples control	detected in samples COPD	median control	median COPD	FC COPD to control	log2FC COPD to control
P80188	LCN2	5	16	13513.51	91605.94	6.78	2.76
P02652	APOA2	7	18	8213.33	49845.71	6.07	2.60
P01889	HLA-B	7	15	11863.51	65992.81	5.56	2.48
P02763	ORM1	2	15	4261.87	22739.85	5.34	2.42
P03973	SLPI	5	17	4688.81	22392.90	4.78	2.26
P49913	CAMP	3	16	7343.84	29534.39	4.02	2.01
P0C0L5	C4B	6	15	10165.03	39283.80	3.86	1.95
P31025	LCN1	4	16	13722.60	45686.12	3.33	1.74
P02774	GC	7	16	10640.64	33295.22	3.13	1.65
P02671	FGA	6	16	6234.06	19385.57	3.11	1.64
P18085	ARF4	6	16	32503.44	92933.91	2.86	1.52
P19823	ITIH2	7	16	13629.52	38903.78	2.85	1.51
P01019	AGT	3	14	18891.41	51518.06	2.73	1.45
P02654	APOC1	5	15	12229.90	33197.90	2.71	1.44
P02649	APOE	4	17	22313.33	57849.44	2.59	1.37
O00592	PODXL	4	13	9174.47	23671.97	2.58	1.37
P04004	VTN	4	15	18657.62	43641.40	2.34	1.23
P61160	ACTR2	6	16	17130.95	39225.84	2.29	1.20
P04196	HRG	4	16	16816.94	36752.39	2.19	1.13
P12821	ACE	6	17	24359.18	50898.48	2.09	1.06
P43490	NAMPT	4	14	9497.13	19245.36	2.03	1.02
O14672	ADAM10	4	14	24082.33	47027.64	1.95	0.97
Q9Y490	TLN1	5	15	7858.96	14113.02	1.80	0.84
P14174	MIF	4	15	208177.70	364523.31	1.75	0.81
O43866	CD5L	6	16	10115.47	16718.95	1.65	0.72
P02790	HPX	4	17	18810.11	30629.91	1.63	0.70
Q10588	BST1	2	14	5998.73	9322.37	1.55	0.64
P01042	KNG1	5	16	17447.20	27087.80	1.55	0.63
P02765	AHSG	5	16	17509.84	27092.54	1.55	0.63
P13611	VCAN	2	16	11327.80	17429.38	1.54	0.62
P06731	CEACAM5	3	14	36743.91	50241.23	1.37	0.45
P50552	VASP	3	16	11167.53	15137.50	1.36	0.44
P05090	APOD	4	16	10614.51	12999.29	1.22	0.29
Q13443	ADAM9	4	13	15675.53	18833.55	1.20	0.26
P29350	PTPN6	3	13	17933.97	21286.27	1.19	0.25
P01031	C5	5	16	15572.13	18423.59	1.18	0.24
P26447	S100A4	4	16	30173.02	35636.67	1.18	0.24
Q08554	DSC1	7	17	11480.60	13469.20	1.17	0.23

P02746	C1QB	3	16	19701.71	23025.77	1.17	0.22
P08571	CD14	3	14	18100.96	20410.55	1.13	0.17
Q10589	BST2	3	15	26911.29	28700.94	1.07	0.09
P02745	C1QA	3	15	32851.94	32395.94	0.99	-0.02
P04003	C4BPA	2	15	25565.63	24433.46	0.96	-0.07
P27797	CALR	5	15	3617.11	3262.29	0.90	-0.15
Q9UPX8	SHANK2	4	13	24690.13	22160.82	0.90	-0.16
P00734	F2	3	15	13261.53	11359.16	0.86	-0.22
P25311	AZGP1	5	16	15592.29	13314.55	0.85	-0.23
P62330	ARF6	2	13	45850.06	38333.02	0.84	-0.26
P11684	SCGB1A1	4	15	23262.13	17301.17	0.74	-0.43
P02751	FN1	4	16	27088.45	19794.65	0.73	-0.45
P12273	PIP	7	18	30829.10	22128.42	0.72	-0.48
Present on both COPD and Control EVs							
P02788	LTF	9	17	5499.17	140144.44	25.48	4.67
P02647	APOA1	11	18	15501.98	328991.03	21.22	4.41
P05109	S100A8	9	17	18837.36	320987.78	17.04	4.09
P02768	ALB	11	18	73215.32	1072664.00	14.65	3.87
P01024	C3	11	18	12868.19	134053.30	10.42	3.38
P06702	S100A9	8	16	11734.85	109878.65	9.36	3.23
P04083	ANXA1	11	18	49761.63	406865.34	8.18	3.03
P0C0L4	C4A	10	16	10357.59	74361.35	7.18	2.84
P14618	PKM	10	18	12794.73	80711.59	6.31	2.66
P02675	FGB	8	16	8114.62	49456.70	6.09	2.61
P05155	SERPING1	8	17	11641.75	67648.52	5.81	2.54
P01009	SERPINA1	10	17	18557.37	106177.89	5.72	2.52
P08174	CD55	11	18	29733.75	162760.11	5.47	2.45
P09211	GSTP1	11	18	27730.71	133975.53	4.83	2.27
P40199	CEACAM6	9	17	32876.32	151667.47	4.61	2.21
P01023	A2M	9	17	21314.71	95411.09	4.48	2.16
P04899	GNAI2	11	18	23756.46	99399.61	4.18	2.06
P06744	GPI	9	17	10929.04	41206.30	3.77	1.91
P07900	HSP90AA1	8	17	21923.80	81276.92	3.71	1.89
P13987	CD59	11	18	109809.55	363903.25	3.31	1.73
P11142	HSPA8	11	18	19737.46	64650.77	3.28	1.71
P05362	ICAM1	10	18	66720.85	213482.80	3.20	1.68
P21980	TGM2	8	18	21517.50	68409.20	3.18	1.67
P84077	ARF1	10	18	37530.48	116903.63	3.11	1.64
Q8IWL1;Q8IWL2	SFTPA2;SFTPA1	8	17	24691.06	76104.78	3.08	1.62
P00738	HP	9	17	32872.28	98180.29	2.99	1.58
P04439	HLA-A	9	15	23105.61	66913.24	2.90	1.53
P0DMV8;P0DMV9	HSPA1A;HSPA1B	11	18	24940.48	71946.93	2.88	1.53
P63092;Q5JWF2	GNAS	9	18	31290.54	87748.36	2.80	1.49
P35247	SFTPD	11	16	163502.27	411820.36	2.52	1.33
P60903	S100A10	10	16	34386.15	74295.97	2.16	1.11

P00450	CP	8	17	19040.43	40592.42	2.13	1.09
Q01469	FABP5	11	18	29847.81	60793.57	2.04	1.03
P02679	FGG	9	18	19049.89	36785.47	1.93	0.95
P01008	SERPINC1	9	17	18293.73	35110.18	1.92	0.94
P61626	LYZ	10	18	14816.62	21984.74	1.48	0.57
P78417	GSTO1	8	17	31401.39	44087.15	1.40	0.49
Q96QR1	SCGB3A1	8	17	21320.32	28022.41	1.31	0.39
P02787	TF	9	17	28135.60	36182.37	1.29	0.36
Q08380	LGALS3BP	11	18	573287.44	595587.78	1.04	0.06
P09417	QDPR	10	18	36741.83	34748.39	0.95	-0.08
P04114	APOB	8	17	81382.46	19999.88	0.25	-2.02

Proteins are classified as detected if found in >70% of the samples per group

TABLE S4. List of detected miRNAs in BALF EVs

miRNA	baseMean	mean COPD	mean healthy	log2FoldChange	pvalue	FDR
hsa-miR-449c-5p	722.12	1035.01	181.68	2.51	1.31E-06	5.57E-04
hsa-miR-10a-5p	146.89	209.86	38.14	2.42	2.48E-06	5.57E-04
hsa-miR-101-3p	520.19	401.48	725.24	-0.83	5.21E-06	7.78E-04
hsa-miR-122-5p	245.79	370.25	30.81	3.58	9.58E-06	1.07E-03
hsa-miR-155-5p	170.26	234.53	59.25	1.89	5.36E-04	1.86E-02
hsa-miR-191-5p	1355.72	1575.73	975.69	0.70	7.27E-04	1.92E-02
hsa-miR-320a-3p	657.42	804.40	403.55	1.01	6.99E-04	1.92E-02
hsa-miR-425-5p	177.11	222.37	98.94	1.17	7.91E-04	1.97E-02
hsa-miR-128-3p	661.04	750.25	506.95	0.56	1.04E-03	2.46E-02
hsa-miR-7-5p	255.97	308.06	165.98	0.91	1.26E-03	2.82E-02
hsa-miR-378a-3p	171.30	209.91	104.61	0.94	2.25E-03	4.58E-02
hsa-miR-1246	104.01	143.78	35.30	1.94	2.88E-03	5.60E-02
hsa-miR-182-5p	412.13	475.59	302.53	0.67	4.83E-03	7.95E-02
hsa-miR-361-3p	126.40	148.51	88.21	0.76	4.48E-03	7.95E-02
hsa-miR-320c	130.05	170.58	60.05	1.36	1.29E-02	1.65E-01
hsa-let-7d-3p	1233.38	1084.41	1490.70	-0.45	1.68E-02	1.88E-01
hsa-miR-21-5p	16788.21	18783.58	13341.65	0.49	2.24E-02	2.07E-01
hsa-miR-146a-5p	599.34	705.52	415.95	0.77	2.22E-02	2.07E-01
hsa-miR-25-3p	381.08	429.44	297.55	0.53	2.14E-02	2.07E-01
hsa-miR-30c-5p	1460.31	1331.12	1683.46	-0.33	2.79E-02	2.20E-01
hsa-miR-320b	515.01	652.53	277.48	1.20	2.90E-02	2.23E-01
hsa-miR-32-5p	107.08	90.35	135.98	-0.53	3.12E-02	2.26E-01
hsa-miR-30a-5p	2145.14	1932.73	2512.05	-0.38	3.70E-02	2.51E-01

hsa-miR-328-3p	177.81	199.71	139.98	0.47	5.90E-02	3.22E-01
hsa-let-7d-5p	1188.94	1304.93	988.59	0.41	7.57E-02	3.69E-01
hsa-miR-1307-3p	437.45	475.15	372.33	0.35	8.20E-02	3.87E-01
hsa-miR-342-5p	150.71	139.53	170.03	-0.34	8.46E-02	3.91E-01
hsa-miR-532-5p	490.89	435.20	587.07	-0.42	9.60E-02	4.26E-01
hsa-miR-30e-3p	581.40	528.39	672.97	-0.32	9.80E-02	4.30E-01
hsa-miR-200a-3p	7134.71	7881.98	5843.95	0.43	1.04E-01	4.41E-01
hsa-miR-183-5p	669.06	719.24	582.40	0.33	1.14E-01	4.64E-01
hsa-miR-200b-5p	275.95	299.53	235.21	0.38	1.13E-01	4.64E-01
hsa-miR-423-3p	1395.65	1446.47	1307.87	0.16	1.22E-01	4.67E-01
hsa-miR-99b-5p	3208.02	3014.21	3542.77	-0.23	1.29E-01	4.81E-01
hsa-miR-22-3p	1600.14	1736.61	1364.43	0.32	1.44E-01	5.16E-01
hsa-miR-100-5p	1911.34	2082.40	1615.89	0.36	1.49E-01	5.25E-01
hsa-miR-148b-3p	173.68	163.38	191.48	-0.19	1.49E-01	5.25E-01
hsa-miR-126-3p	171.22	194.84	130.42	0.55	1.54E-01	5.40E-01
hsa-miR-200b-3p	5397.42	5747.96	4791.95	0.26	1.72E-01	5.49E-01
hsa-miR-423-5p	4144.54	3860.23	4635.63	-0.26	1.60E-01	5.49E-01
hsa-miR-1180-3p	735.64	812.98	602.05	0.44	1.76E-01	5.49E-01
hsa-miR-143-3p	625.56	495.62	850.01	-0.78	1.62E-01	5.49E-01
hsa-miR-2110	116.75	130.69	92.67	0.54	1.86E-01	5.55E-01
hsa-miR-26b-5p	1279.83	1214.07	1393.42	-0.19	2.13E-01	5.82E-01
hsa-miR-146b-5p	6209.39	5601.87	7258.74	-0.37	2.47E-01	6.12E-01
hsa-miR-30e-5p	414.09	394.83	447.36	-0.18	2.53E-01	6.14E-01
hsa-miR-744-5p	212.17	222.47	194.38	0.25	2.54E-01	6.14E-01
hsa-miR-30a-3p	904.70	851.42	996.72	-0.23	2.72E-01	6.40E-01

hsa-miR-28-3p	225.17	231.65	213.99	0.15	2.91E-01	6.59E-01
hsa-miR-941	105.20	113.55	90.78	0.31	2.91E-01	6.59E-01
hsa-miR-148a-3p	38236.58	36479.62	41271.34	-0.18	3.17E-01	6.92E-01
hsa-miR-222-3p	743.32	707.71	804.83	-0.17	3.45E-01	7.23E-01
hsa-miR-26a-5p	42567.89	40999.88	45276.29	-0.14	3.52E-01	7.26E-01
hsa-let-7a-5p	23462.72	24791.98	21166.73	0.23	3.52E-01	7.26E-01
hsa-miR-34b-3p	524.72	477.00	607.14	-0.34	3.70E-01	7.57E-01
hsa-miR-200a-5p	476.43	505.21	426.71	0.24	3.74E-01	7.62E-01
hsa-miR-27b-3p	4207.98	4049.56	4481.62	-0.15	3.80E-01	7.66E-01
hsa-miR-151a-3p	4163.72	4033.76	4388.20	-0.12	4.08E-01	7.99E-01
hsa-miR-200c-3p	13435.14	13813.72	12781.24	0.11	4.25E-01	8.03E-01
hsa-miR-429	905.05	944.98	836.09	0.18	4.22E-01	8.03E-01
hsa-miR-451a	834.14	944.51	643.51	0.54	4.24E-01	8.03E-01
hsa-let-7i-5p	4975.41	5094.12	4770.36	0.09	4.44E-01	8.19E-01
hsa-miR-3168	205.26	235.92	152.31	0.57	4.51E-01	8.25E-01
hsa-miR-375-3p	6146.53	6443.29	5633.95	0.19	4.62E-01	8.30E-01
hsa-miR-92b-5p	474.97	515.19	405.49	0.35	4.65E-01	8.30E-01
hsa-miR-24-3p	2227.04	2167.81	2329.35	-0.11	4.97E-01	8.57E-01
hsa-miR-181b-5p	187.64	194.99	174.92	0.17	5.01E-01	8.57E-01
hsa-let-7c-5p	3397.60	3507.60	3207.61	0.13	5.47E-01	8.66E-01
hsa-miR-34c-5p	2425.57	2280.15	2676.75	-0.23	5.45E-01	8.66E-01
hsa-miR-92a-3p	1552.98	1596.81	1477.26	0.12	5.44E-01	8.66E-01
hsa-miR-181a-2-3p	123.96	115.89	137.89	-0.21	5.45E-01	8.66E-01
hsa-miR-338-5p	183.22	170.29	205.57	-0.26	5.66E-01	8.75E-01
hsa-let-7e-5p	1488.90	1543.09	1395.29	0.15	5.99E-01	8.80E-01

hsa-miR-221-3p	145.73	155.00	129.73	0.16	5.93E-01	8.80E-01
hsa-miR-98-5p	513.09	498.82	537.73	-0.10	6.27E-01	8.97E-01
hsa-miR-186-5p	375.90	381.79	365.75	0.09	6.28E-01	8.97E-01
hsa-miR-30d-5p	65790.39	63235.00	70204.25	-0.15	6.58E-01	9.07E-01
hsa-miR-140-3p	105.27	107.63	101.19	-0.18	6.77E-01	9.08E-01
hsa-miR-203a-3p	2149.73	2226.77	2016.65	0.14	7.08E-01	9.14E-01
hsa-miR-224-5p	453.84	466.94	431.21	0.11	7.02E-01	9.14E-01
hsa-miR-340-5p	109.76	112.07	105.77	0.10	7.37E-01	9.22E-01
hsa-miR-99a-5p	18168.19	17883.21	18660.43	-0.06	7.49E-01	9.25E-01
hsa-miR-141-3p	802.19	810.93	787.09	0.06	7.63E-01	9.29E-01
hsa-miR-30b-5p	373.56	363.33	391.25	-0.11	7.82E-01	9.29E-01
hsa-miR-103a-3p	190.10	191.25	188.12	0.08	7.81E-01	9.29E-01
hsa-let-7f-5p	11449.13	11582.06	11219.53	0.05	8.29E-01	9.52E-01
hsa-let-7b-5p	20308.44	20509.03	19961.97	0.04	8.37E-01	9.54E-01
hsa-miR-125a-5p	3972.86	3929.26	4048.18	-0.04	8.60E-01	9.58E-01
hsa-miR-181a-5p	1176.04	1166.14	1193.14	-0.02	8.94E-01	9.65E-01
hsa-miR-125b-5p	653.90	657.56	647.59	0.02	8.97E-01	9.65E-01
hsa-miR-184	459.54	455.95	465.73	-0.07	9.01E-01	9.65E-01
hsa-miR-16-2-3p	154.56	153.72	156.00	0.03	9.07E-01	9.65E-01
hsa-miR-27a-3p	3411.82	3406.01	3421.87	-0.01	9.34E-01	9.78E-01
hsa-miR-92b-3p	2656.15	2673.45	2626.26	0.03	9.48E-01	9.80E-01
hsa-miR-29a-3p	1247.23	1263.52	1219.10	0.01	9.55E-01	9.80E-01
hsa-let-7g-5p	2143.57	2147.56	2136.66	0.01	9.70E-01	9.81E-01

List of 96 miRNAs detected in BALF EVs with a base mean of >100.