

SUPPLEMENTAL TABLE E1: MICRORNA SEQUENCES USED FOR QRT-PCR.

miRNA	Mature sequence	miRBase Accession	Assay ID
<i>Hsa-miR-1274a</i>	GUCCCUGUUCAGGCGCCA	MIMAT0005927	002883
<i>Hsa-miR-15b</i>	AGGCGGAGACUUGGGCAAUUG	MIMAT0004498	002442
<i>Hsa-miR-424</i>	UGAGAACUGAAUCCAUGGGUU	MIMAT0000449	000468
<i>Hsa-miR-223</i>	UGUCAGUUUGUCAAAUACCCCA	MIMAT0000280	002295

SUPPLEMENTAL TABLE E2: QRTPCR GENE PROBES

Accession ID	Gene Symbol	Gene	Assay ID
NM_007110.4	TEP1	telomerase-associated protein 1	Hs00200091_m1*
NM_005904.2	SMAD 7	mothers against decapentaplegic homolog 7 (Drosophila),	Hs00998193_m1*
NM_001752.2	CAT	catalase	Hs00156308_m1
NM_000600.3	IL6	interleukin 6 (interferon, beta 2)	Hs00985639_m1*

SUPPLEMENTAL TABLE E3: DIFFERENTIALLY EXPRESSED MICRORNAS (COPD VERSUS NORMAL SMOKERS)

miRNA	logFC	P-value	Q-value
hsa-miR-923	-2.340	5.88E-06	2.91E-05
hsa-miR-937	-1.237	1.89E-06	1.08E-05
hsa-miR-422a	-1.087	1.45E-06	8.74E-06
hsa-miR-576-3p	-1.046	1.57E-06	9.22E-06
hsa-miR-513a-5p	-1.041	3.57E-04	8.54E-04
hsa-miR-25*	-1.006	2.10E-07	1.56E-06
hsa-miR-99b*	-0.853	1.23E-05	5.25E-05
hsa-miR-125b-1*	-0.805	1.38E-05	5.70E-05
hsa-miR-24	-0.804	1.59E-04	4.49E-04
hsa-miR-187*	-0.715	3.14E-04	8.04E-04
hsa-miR-1246	-0.656	3.60E-02	3.35E-02
hsa-miR-1184	-0.620	4.84E-04	1.11E-03
hsa-miR-381	-0.604	1.62E-03	2.74E-03
hsa-miR-107	0.594	7.35E-04	1.45E-03
hsa-miR-142-5p	0.595	2.01E-03	3.24E-03
hsa-miR-99a	0.614	4.16E-03	5.75E-03
hsa-miR-146b-5p	0.632	2.04E-03	3.26E-03
hsa-miR-487b	0.638	6.18E-04	1.30E-03
hsa-miR-1297	0.638	1.16E-02	1.43E-02
hsa-miR-320c	0.645	7.96E-04	1.54E-03
hsa-miR-151-3p	0.648	6.20E-04	1.30E-03
hsa-miR-378	0.648	8.24E-04	1.57E-03
hsa-miR-18b	0.659	1.97E-03	3.20E-03
hsa-miR-642	0.668	8.95E-04	1.69E-03
hsa-miR-193b	0.670	2.55E-04	6.75E-04
hsa-miR-106a	0.675	1.61E-02	1.84E-02
hsa-miR-339-5p	0.682	1.11E-05	4.95E-05
hsa-miR-152	0.690	1.20E-03	2.10E-03
hsa-miR-340	0.702	4.60E-06	2.44E-05
hsa-miR-634	0.712	1.04E-04	3.30E-04
hsa-miR-21	0.714	2.19E-02	2.31E-02
hsa-miR-148b	0.716	2.01E-05	7.84E-05
hsa-miR-518b	0.720	7.92E-06	3.75E-05
hsa-miR-93	0.735	1.55E-04	4.44E-04
hsa-let-7i	0.752	2.36E-05	8.92E-05
hsa-miR-17	0.760	8.06E-03	1.04E-02
hsa-miR-301a	0.764	1.50E-03	2.58E-03
hsa-miR-519d	0.766	7.09E-05	2.32E-04
hsa-miR-150	0.770	9.53E-07	6.06E-06
hsa-miR-28-5p	0.772	1.49E-04	4.35E-04

hsa-miR-625*	0.773	2.20E-06	1.23E-05
hsa-miR-320d	0.789	2.41E-05	8.96E-05
hsa-miR-126*	0.792	3.98E-02	3.61E-02
hsa-miR-374b	0.820	6.04E-04	1.30E-03
hsa-miR-18a	0.826	4.05E-04	9.49E-04
hsa-miR-186	0.829	1.01E-07	8.33E-07
hsa-miR-185	0.856	5.38E-06	2.72E-05
hsa-miR-550	0.874	1.30E-05	5.45E-05
hsa-miR-574-3p	0.876	1.72E-07	1.32E-06
hsa-miR-15b	0.883	9.31E-04	1.73E-03
hsa-miR-214	0.903	7.20E-04	1.43E-03
hsa-miR-142-3p	0.906	1.58E-02	1.83E-02
hsa-miR-424	0.920	2.55E-04	6.75E-04
hsa-miR-342-3p	0.924	6.36E-05	2.11E-04
hsa-miR-365	0.937	2.17E-05	8.35E-05
hsa-miR-146a	0.947	3.23E-05	1.14E-04
hsa-miR-20a	0.955	2.82E-02	2.82E-02
hsa-let-7g	0.956	2.63E-03	4.04E-03
hsa-miR-1260	0.957	4.81E-07	3.24E-06
hsa-let-7d	0.984	6.56E-04	1.37E-03
hsa-miR-451	1.002	5.40E-02	4.59E-02
hsa-miR-10a	1.037	7.47E-04	1.46E-03
hsa-miR-486-5p	1.038	3.26E-04	8.21E-04
hsa-miR-766	1.043	1.05E-05	4.76E-05
hsa-miR-148a	1.107	2.34E-07	1.68E-06
hsa-miR-664	1.146	2.00E-08	2.02E-07
hsa-miR-374a	1.172	1.72E-04	4.74E-04
hsa-miR-144	1.250	2.83E-03	4.26E-03
hsa-miR-1274a	1.450	3.19E-10	4.44E-09
hsa-miR-223	1.550	6.63E-04	1.37E-03