

**eTable 15. Transcriptome-wide association study identifies pleiotropic genes with tissue specificity**

Locus	Gene	GENE	CHR	Start	Stop	P.magma	Tissue	Trait	TWAS.Z	TWAS.P	P. adjusted
73	CFTR	1080	7	117115017	117313719	6.54E-06	blood	Asthma	0.1539	8.78E-01	9.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	Lung	Asthma	-0.6989	4.85E-01	7.30E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	blood	COPD	0.1539	8.78E-01	9.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	Lung	COPD	0.6270	5.31E-01	7.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	blood	IPF	0.1539	8.78E-01	9.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	Lung	IPF	0.1758	8.60E-01	9.55E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	blood	LungCancer	0.1539	8.78E-01	9.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	Lung	LungCancer	0.3023	7.62E-01	9.20E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	blood	Snoring	0.1539	8.78E-01	9.56E-01
73	CFTR	1080	7	117115017	117313719	6.54E-06	Lung	Snoring	0.1539	8.78E-01	9.56E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	blood	Asthma	0.6836	4.94E-01	7.36E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	Lung	Asthma	-1.2194	2.23E-01	4.65E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	blood	COPD	0.6836	4.94E-01	7.36E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	Lung	COPD	-1.4253	1.54E-01	3.82E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	blood	IPF	0.6836	4.94E-01	7.36E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	Lung	IPF	0.1032	9.18E-01	9.68E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	blood	LungCancer	0.6836	4.94E-01	7.36E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	Lung	LungCancer	5.4983	3.84E-08	9.32E-07
101	RAD52	5893	12	1016255	1104774	2.37E-07	blood	Snoring	0.6836	4.94E-01	7.36E-01
101	RAD52	5893	12	1016255	1104774	2.37E-07	Lung	Snoring	0.6836	4.94E-01	7.36E-01
139	SNX11	29916	17	46179911	46205109	2.90E-05	blood	Asthma	-3.1870	1.44E-03	9.82E-03
139	SNX11	29916	17	46179911	46205109	2.90E-05	Lung	Asthma	-0.1892	8.50E-01	9.55E-01
139	SNX11	29916	17	46179911	46205109	2.90E-05	blood	COPD	-3.1870	1.44E-03	9.82E-03
139	SNX11	29916	17	46179911	46205109	2.90E-05	Lung	COPD	-1.3567	1.75E-01	4.11E-01
139	SNX11	29916	17	46179911	46205109	2.90E-05	blood	IPF	-3.1870	1.44E-03	9.82E-03
139	SNX11	29916	17	46179911	46205109	2.90E-05	Lung	IPF	0.0172	9.86E-01	9.93E-01
139	SNX11	29916	17	46179911	46205109	2.90E-05	blood	LungCancer	-3.1870	1.44E-03	9.82E-03
139	SNX11	29916	17	46179911	46205109	2.90E-05	Lung	LungCancer	-0.1946	8.46E-01	9.54E-01
139	SNX11	29916	17	46179911	46205109	2.90E-05	blood	Snoring	-3.1870	1.44E-03	9.82E-03
139	SNX11	29916	17	46179911	46205109	2.90E-05	Lung	Snoring	-3.1870	1.44E-03	9.82E-03
131	ITGAL	3683	16	30478983	30539506	2.48E-06	blood	Asthma	-2.7426	6.10E-03	3.46E-02
131	ITGAL	3683	16	30478983	30539506	2.48E-06	Lung	Asthma	0.2651	7.91E-01	9.29E-01
131	ITGAL	3683	16	30478983	30539506	2.48E-06	blood	COPD	-2.7426	6.10E-03	3.46E-02
131	ITGAL	3683	16	30478983	30539506	2.48E-06	Lung	COPD	-1.6937	9.03E-02	2.66E-01
131	ITGAL	3683	16	30478983	30539506	2.48E-06	blood	IPF	-2.7426	6.10E-03	3.46E-02
131	ITGAL	3683	16	30478983	30539506	2.48E-06	Lung	IPF	-0.5510	5.82E-01	7.94E-01
131	ITGAL	3683	16	30478983	30539506	2.48E-06	blood	LungCancer	-2.7426	6.10E-03	3.46E-02
131	ITGAL	3683	16	30478983	30539506	2.48E-06	Lung	LungCancer	-1.9800	4.80E-02	1.79E-01
131	ITGAL	3683	16	30478983	30539506	2.48E-06	blood	Snoring	-2.7426	6.10E-03	3.46E-02
131	ITGAL	3683	16	30478983	30539506	2.48E-06	Lung	Snoring	-2.7426	6.10E-03	3.46E-02
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	blood	Asthma	5.9034	3.56E-09	1.57E-07
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	Lung	Asthma	-1.0114	3.12E-01	5.68E-01
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	blood	COPD	5.9034	3.56E-09	1.57E-07
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	Lung	COPD	1.1547	2.48E-01	4.97E-01
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	blood	IPF	5.9034	3.56E-09	1.57E-07
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	Lung	IPF	-0.4865	6.27E-01	8.27E-01
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	blood	LungCancer	5.9034	3.56E-09	1.57E-07
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	Lung	LungCancer	1.5033	1.33E-01	3.48E-01
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	blood	Snoring	5.9034	3.56E-09	1.57E-07
139	OSBPL7	114881	17	45879733	45904169	7.61E-06	Lung	Snoring	5.9034	3.56E-09	1.57E-07
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	blood	Asthma	-1.2354	2.17E-01	4.56E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	Lung	Asthma	1.3793	1.68E-01	4.04E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	blood	COPD	-1.2354	2.17E-01	4.56E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	Lung	COPD	1.0382	2.99E-01	5.53E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	blood	IPF	-1.2354	2.17E-01	4.56E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	Lung	IPF	0.4094	6.82E-01	8.64E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	blood	LungCancer	-1.2354	2.17E-01	4.56E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	Lung	LungCancer	0.8092	4.18E-01	6.70E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	blood	Snoring	-1.2354	2.17E-01	4.56E-01
138	MAP3K14	9020	17	43335488	43399414	1.66E-07	Lung	Snoring	-1.2354	2.17E-01	4.56E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	blood	Asthma	1.4399	1.50E-01	3.74E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	Lung	Asthma	-5.3310	9.77E-08	2.17E-06
137	MED24	9862	17	38170350	38215889	5.00E-10	blood	COPD	1.4399	1.50E-01	3.74E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	Lung	COPD	-2.7615	5.75E-03	3.32E-02
137	MED24	9862	17	38170350	38215889	5.00E-10	blood	IPF	1.4399	1.50E-01	3.74E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	Lung	IPF	1.0396	2.99E-01	5.53E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	blood	LungCancer	1.4399	1.50E-01	3.74E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	Lung	LungCancer	0.1229	9.02E-01	9.64E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	blood	Snoring	1.4399	1.50E-01	3.74E-01
137	MED24	9862	17	38170350	38215889	5.00E-10	Lung	Snoring	1.4399	1.50E-01	3.74E-01
58	HFE	3077	6	26082422	26101438	1.59E-06	blood	Asthma	2.9115	3.60E-03	2.17E-02

58	HFE	3077	6	26082422	26101438	1.59E-06	Lung	Asthma	-3.6607	2.52E-04	2.20E-03
58	HFE	3077	6	26082422	26101438	1.59E-06	blood	COPD	2.9115	3.60E-03	2.17E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	Lung	COPD	-0.6145	5.39E-01	7.62E-01
58	HFE	3077	6	26082422	26101438	1.59E-06	blood	IPF	2.9115	3.60E-03	2.17E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	Lung	IPF	-2.3064	2.11E-02	9.63E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	blood	LungCancer	2.9115	3.60E-03	2.17E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	Lung	LungCancer	-2.6592	7.83E-03	4.33E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	blood	Snoring	2.9115	3.60E-03	2.17E-02
58	HFE	3077	6	26082422	26101438	1.59E-06	Lung	Snoring	2.9115	3.60E-03	2.17E-02
136	TTC19	54902	17	15897694	15937723	5.48E-07	blood	Asthma	-0.3000	7.64E-01	9.20E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	Lung	Asthma	5.8927	3.80E-09	1.59E-07
136	TTC19	54902	17	15897694	15937723	5.48E-07	blood	COPD	-0.3000	7.64E-01	9.20E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	Lung	COPD	2.2991	2.15E-02	9.75E-02
136	TTC19	54902	17	15897694	15937723	5.48E-07	blood	IPF	-0.3000	7.64E-01	9.20E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	Lung	IPF	3.2701	1.08E-03	8.13E-03
136	TTC19	54902	17	15897694	15937723	5.48E-07	blood	LungCancer	-0.3000	7.64E-01	9.20E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	Lung	LungCancer	0.0233	9.81E-01	9.93E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	blood	Snoring	-0.3000	7.64E-01	9.20E-01
136	TTC19	54902	17	15897694	15937723	5.48E-07	Lung	Snoring	-0.3000	7.64E-01	9.20E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	blood	Asthma	-2.1501	3.15E-02	1.32E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	Lung	Asthma	4.6915	2.71E-06	4.10E-05
15	MDH1	4190	2	63810743	63839331	1.60E-09	blood	COPD	-2.1501	3.15E-02	1.32E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	Lung	COPD	-1.2197	2.23E-01	4.65E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	blood	IPF	-2.1501	3.15E-02	1.32E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	Lung	IPF	1.2312	2.18E-01	4.58E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	blood	LungCancer	-2.1501	3.15E-02	1.32E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	Lung	LungCancer	-0.6525	5.14E-01	7.52E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	blood	Snoring	-2.1501	3.15E-02	1.32E-01
15	MDH1	4190	2	63810743	63839331	1.60E-09	Lung	Snoring	-2.1501	3.15E-02	1.32E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	blood	Asthma	-0.0765	9.39E-01	9.77E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	Lung	Asthma	0.5783	5.63E-01	7.80E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	blood	COPD	-0.0765	9.39E-01	9.77E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	Lung	COPD	0.2352	8.14E-01	9.40E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	blood	IPF	-0.0765	9.39E-01	9.77E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	Lung	IPF	-0.8220	4.11E-01	6.60E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	blood	LungCancer	-0.0765	9.39E-01	9.77E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	Lung	LungCancer	0.3178	7.51E-01	9.12E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	blood	Snoring	-0.0765	9.39E-01	9.77E-01
3	RUNX3	864	1	25221002	25296648	1.33E-09	Lung	Snoring	-0.0765	9.39E-01	9.77E-01
117	NRXN3	9369	14	78631716	80339633	1.60E-06	blood	Asthma	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	Lung	Asthma	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	blood	COPD	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	Lung	COPD	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	blood	IPF	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	Lung	IPF	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	blood	LungCancer	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	Lung	LungCancer	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	blood	Snoring	NA	NA	NA
117	NRXN3	9369	14	78631716	80339633	1.60E-06	Lung	Snoring	NA	NA	NA
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	blood	Asthma	1.9144	5.56E-02	1.95E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	Lung	Asthma	10.2395	1.32E-24	3.00E-22
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	blood	COPD	1.9144	5.56E-02	1.95E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	Lung	COPD	2.6868	7.21E-03	4.02E-02
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	blood	IPF	1.9144	5.56E-02	1.95E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	Lung	IPF	-1.6300	1.02E-01	2.90E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	blood	LungCancer	1.9144	5.56E-02	1.95E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	Lung	LungCancer	-1.2300	2.19E-01	4.58E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	blood	Snoring	1.9144	5.56E-02	1.95E-01
129	CLEC16A	23274	16	11033345	11281046	1.77E-12	Lung	Snoring	1.9144	5.56E-02	1.95E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	blood	Asthma	-0.7345	4.63E-01	7.13E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	Lung	Asthma	3.9752	7.03E-05	6.92E-04
127	PSMA4	5685	15	78827747	78846562	1.38E-13	blood	COPD	-0.7345	4.63E-01	7.13E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	Lung	COPD	10.4995	8.69E-26	2.12E-23
127	PSMA4	5685	15	78827747	78846562	1.38E-13	blood	IPF	-0.7345	4.63E-01	7.13E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	Lung	IPF	2.9863	2.82E-03	1.77E-02
127	PSMA4	5685	15	78827747	78846562	1.38E-13	blood	LungCancer	-0.7345	4.63E-01	7.13E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	Lung	LungCancer	14.7000	6.99E-49	6.99E-46
127	PSMA4	5685	15	78827747	78846562	1.38E-13	blood	Snoring	-0.7345	4.63E-01	7.13E-01
127	PSMA4	5685	15	78827747	78846562	1.38E-13	Lung	Snoring	-0.7345	4.63E-01	7.13E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	blood	Asthma	-1.1124	2.66E-01	5.17E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	Lung	Asthma	-0.1270	8.99E-01	9.64E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	blood	COPD	-1.1124	2.66E-01	5.17E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	Lung	COPD	-0.4047	6.86E-01	8.66E-01

42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	blood	IPF	-1.1124	2.66E-01	5.17E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	Lung	IPF	-1.0103	3.12E-01	5.68E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	blood	LungCancer	-1.1124	2.66E-01	5.17E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	Lung	LungCancer	7.5349	4.89E-14	4.44E-12
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	blood	Snoring	-1.1124	2.66E-01	5.17E-01
42	CLPTMIL	81037	5	1312869	1350180	3.40E-09	Lung	Snoring	-1.1124	2.66E-01	5.17E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	blood	Asthma	-0.5419	5.88E-01	7.95E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	Lung	Asthma	-5.6349	1.75E-08	4.71E-07
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	blood	COPD	-0.5419	5.88E-01	7.95E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	Lung	COPD	0.4794	6.32E-01	8.30E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	blood	IPF	-0.5419	5.88E-01	7.95E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	Lung	IPF	-0.4739	6.36E-01	8.32E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	blood	LungCancer	-0.5419	5.88E-01	7.95E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	Lung	LungCancer	-1.1899	2.34E-01	4.79E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	blood	Snoring	-0.5419	5.88E-01	7.95E-01
109	MPHOSPH9	10198	12	123635943	123722785	7.03E-09	Lung	Snoring	-0.5419	5.88E-01	7.95E-01
131	PRSS8	5652	16	31137754	31152151	4.65E-08	blood	Asthma	-3.3798	7.25E-04	5.76E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	Lung	Asthma	-3.8317	1.27E-04	1.14E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	blood	COPD	-3.3798	7.25E-04	5.76E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	Lung	COPD	-2.7424	6.10E-03	5.76E-02
131	PRSS8	5652	16	31137754	31152151	4.65E-08	blood	IPF	-3.3798	7.25E-04	5.76E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	Lung	IPF	-0.7690	4.42E-01	6.91E-01
131	PRSS8	5652	16	31137754	31152151	4.65E-08	blood	LungCancer	-3.3798	7.25E-04	5.76E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	Lung	LungCancer	-2.0800	3.78E-02	1.50E-01
131	PRSS8	5652	16	31137754	31152151	4.65E-08	blood	Snoring	-3.3798	7.25E-04	5.76E-03
131	PRSS8	5652	16	31137754	31152151	4.65E-08	Lung	Snoring	-3.3798	7.25E-04	5.76E-03
101	WNK1	65125	12	856759	1025618	1.57E-06	blood	Asthma	-0.4510	6.52E-01	8.44E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	Lung	Asthma	0.9612	3.36E-01	5.92E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	blood	COPD	-0.4510	6.52E-01	8.44E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	Lung	COPD	-1.3480	1.78E-01	4.15E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	blood	IPF	-0.4510	6.52E-01	8.44E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	Lung	IPF	-1.4884	1.37E-01	3.55E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	blood	LungCancer	-0.4510	6.52E-01	8.44E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	Lung	LungCancer	-2.4979	1.25E-02	6.42E-02
101	WNK1	65125	12	856759	1025618	1.57E-06	blood	Snoring	-0.4510	6.52E-01	8.44E-01
101	WNK1	65125	12	856759	1025618	1.57E-06	Lung	Snoring	-0.4510	6.52E-01	8.44E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	blood	Asthma	-0.4929	6.22E-01	8.23E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	Lung	Asthma	-4.7580	1.96E-06	3.08E-05
103	HDAC7	51564	12	48171505	48218763	1.86E-09	blood	COPD	-0.4929	6.22E-01	8.23E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	Lung	COPD	-1.0372	3.00E-01	5.53E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	blood	IPF	-0.4929	6.22E-01	8.23E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	Lung	IPF	-0.6893	4.91E-01	7.34E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	blood	LungCancer	-0.4929	6.22E-01	8.23E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	Lung	LungCancer	1.6399	1.01E-01	2.87E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	blood	Snoring	-0.4929	6.22E-01	8.23E-01
103	HDAC7	51564	12	48171505	48218763	1.86E-09	Lung	Snoring	-0.4929	6.22E-01	8.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	blood	Asthma	0.8960	3.70E-01	6.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	Lung	Asthma	-1.7549	7.93E-02	2.43E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	blood	COPD	0.8960	3.70E-01	6.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	Lung	COPD	-2.9668	3.01E-03	1.88E-02
104	ERBB3	2065	12	56468809	56502291	6.51E-12	blood	IPF	0.8960	3.70E-01	6.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	Lung	IPF	-0.1638	8.70E-01	9.56E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	blood	LungCancer	0.8960	3.70E-01	6.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	Lung	LungCancer	-0.3215	7.48E-01	9.09E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	blood	Snoring	0.8960	3.70E-01	6.23E-01
104	ERBB3	2065	12	56468809	56502291	6.51E-12	Lung	Snoring	0.8960	3.70E-01	6.23E-01
25	RHOA	387	3	49391569	49454526	4.16E-06	blood	Asthma	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	Lung	Asthma	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	blood	COPD	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	Lung	COPD	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	blood	IPF	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	Lung	IPF	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	blood	LungCancer	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	Lung	LungCancer	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	blood	Snoring	NA	NA	NA
25	RHOA	387	3	49391569	49454526	4.16E-06	Lung	Snoring	NA	NA	NA
49	P4HA2	8974	5	131523299	131568556	2.66E-13	blood	Asthma	1.7934	7.29E-02	2.30E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	Lung	Asthma	-1.7200	8.52E-02	2.56E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	blood	COPD	1.7934	7.29E-02	2.30E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	Lung	COPD	0.7600	4.47E-01	6.96E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	blood	IPF	1.7934	7.29E-02	2.30E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	Lung	IPF	1.6080	1.08E-01	2.97E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	blood	LungCancer	1.7934	7.29E-02	2.30E-01

49	P4HA2	8974	5	131523299	131568556	2.66E-13	Lung	LungCancer	1.1075	2.68E-01	5.19E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	blood	Snoring	1.7934	7.29E-02	2.30E-01
49	P4HA2	8974	5	131523299	131568556	2.66E-13	Lung	Snoring	1.7934	7.29E-02	2.30E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	blood	Asthma	-0.6404	5.22E-01	7.55E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	Lung	Asthma	18.8533	2.76E-79	4.39E-76
137	GSDMB	55876	17	38055848	38079903	1.26E-11	blood	COPD	-0.6404	5.22E-01	7.55E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	Lung	COPD	4.9142	8.91E-07	1.50E-05
137	GSDMB	55876	17	38055848	38079903	1.26E-11	blood	IPF	-0.6404	5.22E-01	7.55E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	Lung	IPF	-0.3342	7.38E-01	9.02E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	blood	LungCancer	-0.6404	5.22E-01	7.55E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	Lung	LungCancer	-0.2181	8.27E-01	9.43E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	blood	Snoring	-0.6404	5.22E-01	7.55E-01
137	GSDMB	55876	17	38055848	38079903	1.26E-11	Lung	Snoring	-0.6404	5.22E-01	7.55E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	blood	Asthma	-1.4042	1.60E-01	3.94E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	Lung	Asthma	-2.2947	2.18E-02	9.81E-02
139	TBX21	30009	17	45805610	45828485	5.25E-08	blood	COPD	-1.4042	1.60E-01	3.94E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	Lung	COPD	-1.7269	8.42E-02	2.54E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	blood	IPF	-1.4042	1.60E-01	3.94E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	Lung	IPF	1.3455	1.78E-01	4.15E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	blood	LungCancer	-1.4042	1.60E-01	3.94E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	Lung	LungCancer	-0.1059	9.16E-01	9.68E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	blood	Snoring	-1.4042	1.60E-01	3.94E-01
139	TBX21	30009	17	45805610	45828485	5.25E-08	Lung	Snoring	-1.4042	1.60E-01	3.94E-01
138	NSF	4905	17	44663035	44839830	5.21E-12	blood	Asthma	-4.7894	1.67E-06	2.67E-05
138	NSF	4905	17	44663035	44839830	5.21E-12	Lung	Asthma	1.8170	6.92E-02	2.26E-01
138	NSF	4905	17	44663035	44839830	5.21E-12	blood	COPD	-4.7894	1.67E-06	2.67E-05
138	NSF	4905	17	44663035	44839830	5.21E-12	Lung	COPD	0.7029	4.82E-01	7.30E-01
138	NSF	4905	17	44663035	44839830	5.21E-12	blood	IPF	-4.7894	1.67E-06	2.67E-05
138	NSF	4905	17	44663035	44839830	5.21E-12	Lung	IPF	2.0045	4.50E-02	1.70E-01
138	NSF	4905	17	44663035	44839830	5.21E-12	blood	LungCancer	-4.7894	1.67E-06	2.67E-05
138	NSF	4905	17	44663035	44839830	5.21E-12	Lung	LungCancer	1.2819	2.00E-01	4.39E-01
138	NSF	4905	17	44663035	44839830	5.21E-12	blood	Snoring	-4.7894	1.67E-06	2.67E-05
138	NSF	4905	17	44663035	44839830	5.21E-12	Lung	Snoring	-4.7894	1.67E-06	2.67E-05
93	NT5C2	22978	10	104842774	104958063	2.15E-09	blood	Asthma	-0.1364	8.91E-01	9.61E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	Lung	Asthma	1.3754	1.69E-01	4.04E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	blood	COPD	-0.1364	8.91E-01	9.61E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	Lung	COPD	-0.9413	3.47E-01	6.06E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	blood	IPF	-0.1364	8.91E-01	9.61E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	Lung	IPF	0.0730	9.42E-01	9.79E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	blood	LungCancer	-0.1364	8.91E-01	9.61E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	Lung	LungCancer	-0.3092	7.57E-01	9.17E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	blood	Snoring	-0.1364	8.91E-01	9.61E-01
93	NT5C2	22978	10	104842774	104958063	2.15E-09	Lung	Snoring	-0.1364	8.91E-01	9.61E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	blood	Asthma	-1.7629	7.79E-02	2.39E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	Lung	Asthma	-6.0756	1.24E-09	7.30E-08
130	IL4R	3566	16	27320161	27381099	5.00E-10	blood	COPD	-1.7629	7.79E-02	2.39E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	Lung	COPD	-1.1243	2.61E-01	5.16E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	blood	IPF	-1.7629	7.79E-02	2.39E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	Lung	IPF	-0.0675	9.46E-01	9.82E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	blood	LungCancer	-1.7629	7.79E-02	2.39E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	Lung	LungCancer	0.8080	4.19E-01	6.70E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	blood	Snoring	-1.7629	7.79E-02	2.39E-01
130	IL4R	3566	16	27320161	27381099	5.00E-10	Lung	Snoring	-1.7629	7.79E-02	2.39E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	blood	Asthma	-1.2366	2.16E-01	4.56E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	Lung	Asthma	-2.7965	5.17E-03	3.03E-02
1	SDF4	51150	1	1147288	1172447	3.12E-05	blood	COPD	-1.2366	2.16E-01	4.56E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	Lung	COPD	-2.0797	3.76E-02	1.50E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	blood	IPF	-1.2366	2.16E-01	4.56E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	Lung	IPF	-0.5088	6.11E-01	8.16E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	blood	LungCancer	-1.2366	2.16E-01	4.56E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	Lung	LungCancer	-0.1273	8.99E-01	9.64E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	blood	Snoring	-1.2366	2.16E-01	4.56E-01
1	SDF4	51150	1	1147288	1172447	3.12E-05	Lung	Snoring	-1.2366	2.16E-01	4.56E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	blood	Asthma	-1.7124	8.68E-02	2.59E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	Lung	Asthma	-1.3895	1.65E-01	4.01E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	blood	COPD	-1.7124	8.68E-02	2.59E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	Lung	COPD	0.0971	9.23E-01	9.69E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	blood	IPF	-1.7124	8.68E-02	2.59E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	Lung	IPF	2.4100	1.59E-02	7.74E-02
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	blood	LungCancer	-1.7124	8.68E-02	2.59E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	Lung	LungCancer	-0.1630	8.70E-01	9.56E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	blood	Snoring	-1.7124	8.68E-02	2.59E-01
94	TOLLIP	54472	11	1290598	1335892	1.23E-09	Lung	Snoring	-1.7124	8.68E-02	2.59E-01

127	CHRNA3	1136	15	78880394	78918637	1.18E-13	blood	Asthma	0.6656	5.06E-01	7.44E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	Lung	Asthma	-2.2689	2.33E-02	1.04E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	blood	COPD	0.6656	5.06E-01	7.44E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	Lung	COPD	-6.3501	2.15E-10	1.59E-08
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	blood	IPF	0.6656	5.06E-01	7.44E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	Lung	IPF	-2.5455	1.09E-02	5.67E-02
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	blood	LungCancer	0.6656	5.06E-01	7.44E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	Lung	LungCancer	-10.8000	4.93E-27	1.31E-24
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	blood	Snoring	0.6656	5.06E-01	7.44E-01
127	CHRNA3	1136	15	78880394	78918637	1.18E-13	Lung	Snoring	0.6656	5.06E-01	7.44E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	blood	Asthma	-2.2407	2.50E-02	1.10E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	Lung	Asthma	0.4949	6.21E-01	8.23E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	blood	COPD	-2.2407	2.50E-02	1.10E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	Lung	COPD	0.3714	7.10E-01	8.86E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	blood	IPF	-2.2407	2.50E-02	1.10E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	Lung	IPF	-0.2696	7.87E-01	9.29E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	blood	LungCancer	-2.2407	2.50E-02	1.10E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	Lung	LungCancer	-1.8903	5.87E-02	2.03E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	blood	Snoring	-2.2407	2.50E-02	1.10E-01
8	RSBN1	54665	1	114299454	114360070	2.69E-05	Lung	Snoring	-2.2407	2.50E-02	1.10E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	blood	Asthma	-0.0970	9.23E-01	9.69E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	Lung	Asthma	-3.7928	1.49E-04	1.33E-03
28	PCNP	57092	3	101287997	101318281	4.71E-06	blood	COPD	-0.0970	9.23E-01	9.69E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	Lung	COPD	-1.3337	1.82E-01	4.21E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	blood	IPF	-0.0970	9.23E-01	9.69E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	Lung	IPF	-2.0987	3.58E-02	1.43E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	blood	LungCancer	-0.0970	9.23E-01	9.69E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	Lung	LungCancer	0.7946	4.27E-01	6.80E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	blood	Snoring	-0.0970	9.23E-01	9.69E-01
28	PCNP	57092	3	101287997	101318281	4.71E-06	Lung	Snoring	-0.0970	9.23E-01	9.69E-01
29	MECOM	2122	3	168796287	169386563	2.16E-12	blood	Asthma	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	Lung	Asthma	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	blood	COPD	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	Lung	COPD	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	blood	IPF	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	Lung	IPF	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	blood	LungCancer	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	Lung	LungCancer	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	blood	Snoring	NA	NA	NA
29	MECOM	2122	3	168796287	169386563	2.16E-12	Lung	Snoring	NA	NA	NA
131	YPEL3	83719	16	30098635	30113248	3.82E-05	blood	Asthma	1.5342	1.25E-01	3.32E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	Lung	Asthma	3.9892	6.63E-05	6.67E-04
131	YPEL3	83719	16	30098635	30113248	3.82E-05	blood	COPD	1.5342	1.25E-01	3.32E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	Lung	COPD	2.6886	7.17E-03	4.00E-02
131	YPEL3	83719	16	30098635	30113248	3.82E-05	blood	IPF	1.5342	1.25E-01	3.32E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	Lung	IPF	-0.2210	8.25E-01	9.43E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	blood	LungCancer	1.5342	1.25E-01	3.32E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	Lung	LungCancer	-0.1520	8.79E-01	9.56E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	blood	Snoring	1.5342	1.25E-01	3.32E-01
131	YPEL3	83719	16	30098635	30113248	3.82E-05	Lung	Snoring	1.5342	1.25E-01	3.32E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	blood	Asthma	0.1938	8.46E-01	9.54E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	Lung	Asthma	-5.3321	9.71E-08	2.17E-06
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	blood	COPD	0.1938	8.46E-01	9.54E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	Lung	COPD	-0.4106	6.81E-01	8.64E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	blood	IPF	0.1938	8.46E-01	9.54E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	Lung	IPF	-0.1744	8.62E-01	9.55E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	blood	LungCancer	0.1938	8.46E-01	9.54E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	Lung	LungCancer	-1.5120	1.31E-01	3.44E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	blood	Snoring	0.1938	8.46E-01	9.54E-01
109	PITPNM2	57605	12	123463027	123640376	1.27E-08	Lung	Snoring	0.1938	8.46E-01	9.54E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	blood	Asthma	-0.7650	4.44E-01	6.92E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	Lung	Asthma	0.3137	7.54E-01	9.15E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	blood	COPD	-0.7650	4.44E-01	6.92E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	Lung	COPD	-1.0548	2.92E-01	5.47E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	blood	IPF	-0.7650	4.44E-01	6.92E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	Lung	IPF	0.4139	6.79E-01	8.64E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	blood	LungCancer	-0.7650	4.44E-01	6.92E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	Lung	LungCancer	-1.0812	2.80E-01	5.34E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	blood	Snoring	-0.7650	4.44E-01	6.92E-01
84	ERMP1	79956	9	5779572	5838081	5.08E-07	Lung	Snoring	-0.7650	4.44E-01	6.92E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	blood	Asthma	0.2008	8.41E-01	9.53E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	Lung	Asthma	0.0896	9.29E-01	9.72E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	blood	COPD	0.2008	8.41E-01	9.53E-01



131	FBXL19	54620	16	30929392	30965104	1.53E-12	Lung	COPD	-0.1421	8.87E-01	9.59E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	blood	IPF	0.2008	8.41E-01	9.53E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	Lung	IPF	-0.0506	9.60E-01	9.86E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	blood	LungCancer	0.2008	8.41E-01	9.53E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	Lung	LungCancer	-1.0300	3.05E-01	5.60E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	blood	Snoring	0.2008	8.41E-01	9.53E-01
131	FBXL19	54620	16	30929392	30965104	1.53E-12	Lung	Snoring	0.2008	8.41E-01	9.53E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	blood	Asthma	1.3204	1.87E-01	4.21E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	Lung	Asthma	4.1111	3.94E-05	4.54E-04
131	STX1B	112755	16	30995577	31026829	5.00E-10	blood	COPD	1.3204	1.87E-01	4.21E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	Lung	COPD	-1.3064	1.91E-01	4.28E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	blood	IPF	1.3204	1.87E-01	4.21E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	Lung	IPF	0.6630	5.07E-01	7.45E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	blood	LungCancer	1.3204	1.87E-01	4.21E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	Lung	LungCancer	1.0200	3.07E-01	5.63E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	blood	Snoring	1.3204	1.87E-01	4.21E-01
131	STX1B	112755	16	30995577	31026829	5.00E-10	Lung	Snoring	1.3204	1.87E-01	4.21E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	blood	Asthma	1.3683	1.71E-01	4.04E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	Lung	Asthma	3.1998	1.38E-03	9.70E-03
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	blood	COPD	1.3683	1.71E-01	4.04E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	Lung	COPD	-2.3202	2.03E-02	9.49E-02
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	blood	IPF	1.3683	1.71E-01	4.04E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	Lung	IPF	0.1540	8.77E-01	9.56E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	blood	LungCancer	1.3683	1.71E-01	4.04E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	Lung	LungCancer	0.8870	3.75E-01	6.27E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	blood	Snoring	1.3683	1.71E-01	4.04E-01
131	HSD3B7	80270	16	30990949	31005473	1.68E-13	Lung	Snoring	1.3683	1.71E-01	4.04E-01
131	SETD1A	9739	16	30963615	31000985	5.67E-12	blood	Asthma	4.4979	6.86E-06	9.05E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	Lung	Asthma	3.0468	2.31E-03	1.47E-02
131	SETD1A	9739	16	30963615	31000985	5.67E-12	blood	COPD	4.4979	6.86E-06	9.05E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	Lung	COPD	4.6365	3.54E-06	5.04E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	blood	IPF	4.4979	6.86E-06	9.05E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	Lung	IPF	0.0842	9.33E-01	9.75E-01
131	SETD1A	9739	16	30963615	31000985	5.67E-12	blood	LungCancer	4.4979	6.86E-06	9.05E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	Lung	LungCancer	1.4900	1.35E-01	3.53E-01
131	SETD1A	9739	16	30963615	31000985	5.67E-12	blood	Snoring	4.4979	6.86E-06	9.05E-05
131	SETD1A	9739	16	30963615	31000985	5.67E-12	Lung	Snoring	4.4979	6.86E-06	9.05E-05
131	BCL7C	9274	16	30840373	30910852	1.32E-08	blood	Asthma	1.9577	5.03E-02	1.81E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	Lung	Asthma	0.6066	5.44E-01	7.64E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	blood	COPD	1.9577	5.03E-02	1.81E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	Lung	COPD	1.0546	2.92E-01	5.47E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	blood	IPF	1.9577	5.03E-02	1.81E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	Lung	IPF	-0.4510	6.52E-01	8.44E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	blood	LungCancer	1.9577	5.03E-02	1.81E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	Lung	LungCancer	0.8140	4.16E-01	6.67E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	blood	Snoring	1.9577	5.03E-02	1.81E-01
131	BCL7C	9274	16	30840373	30910852	1.32E-08	Lung	Snoring	1.9577	5.03E-02	1.81E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	blood	Asthma	1.7424	8.14E-02	2.47E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	Lung	Asthma	3.0858	2.03E-03	1.32E-02
156	CCDC134	79879	22	42191636	42233175	4.97E-11	blood	COPD	1.7424	8.14E-02	2.47E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	Lung	COPD	0.1564	8.76E-01	9.56E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	blood	IPF	1.7424	8.14E-02	2.47E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	Lung	IPF	1.4290	1.53E-01	3.80E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	blood	LungCancer	1.7424	8.14E-02	2.47E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	Lung	LungCancer	0.2851	7.76E-01	9.28E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	blood	Snoring	1.7424	8.14E-02	2.47E-01
156	CCDC134	79879	22	42191636	42233175	4.97E-11	Lung	Snoring	1.7424	8.14E-02	2.47E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	blood	Asthma	-1.5932	1.11E-01	3.03E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	Lung	Asthma	-0.5924	5.54E-01	7.72E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	blood	COPD	-1.5932	1.11E-01	3.03E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	Lung	COPD	0.7915	4.29E-01	6.82E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	blood	IPF	-1.5932	1.11E-01	3.03E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	Lung	IPF	-0.1219	9.03E-01	9.64E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	blood	LungCancer	-1.5932	1.11E-01	3.03E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	Lung	LungCancer	2.3725	1.77E-02	8.48E-02
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	blood	Snoring	-1.5932	1.11E-01	3.03E-01
156	RANGAP1	5905	22	41635781	41687255	1.49E-07	Lung	Snoring	-1.5932	1.11E-01	3.03E-01
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	blood	Asthma	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	Lung	Asthma	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	blood	COPD	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	Lung	COPD	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	blood	IPF	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	Lung	IPF	NA	NA	NA

156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	blood	LungCancer	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	Lung	LungCancer	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	blood	Snoring	NA	NA	NA
156	ZC3H7B	23264	22	41692507	41761151	1.00E-10	Lung	Snoring	NA	NA	NA
156	PHF5A	84844	22	41850721	41869708	1.55E-11	blood	Asthma	0.2646	7.91E-01	9.29E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	Lung	Asthma	-0.0309	9.75E-01	9.92E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	blood	COPD	0.2646	7.91E-01	9.29E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	Lung	COPD	-0.0439	9.65E-01	9.89E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	blood	IPF	0.2646	7.91E-01	9.29E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	Lung	IPF	0.5490	5.83E-01	7.94E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	blood	LungCancer	0.2646	7.91E-01	9.29E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	Lung	LungCancer	1.7503	8.01E-02	2.45E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	blood	Snoring	0.2646	7.91E-01	9.29E-01
156	PHF5A	84844	22	41850721	41869708	1.55E-11	Lung	Snoring	0.2646	7.91E-01	9.29E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	blood	Asthma	1.6499	9.90E-02	2.84E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	Lung	Asthma	5.5898	2.27E-08	6.01E-07
156	ACO2	50	22	41860099	41929993	2.30E-11	blood	COPD	1.6499	9.90E-02	2.84E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	Lung	COPD	-2.0603	3.94E-02	1.55E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	blood	IPF	1.6499	9.90E-02	2.84E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	Lung	IPF	1.6277	1.04E-01	2.82E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	blood	LungCancer	1.6499	9.90E-02	2.84E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	Lung	LungCancer	-1.1796	2.38E-01	4.85E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	blood	Snoring	1.6499	9.90E-02	2.84E-01
156	ACO2	50	22	41860099	41929993	2.30E-11	Lung	Snoring	1.6499	9.90E-02	2.84E-01
156	POLR3H	171568	22	41916803	41945479	6.78E-11	blood	Asthma	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	Lung	Asthma	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	blood	COPD	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	Lung	COPD	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	blood	IPF	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	Lung	IPF	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	blood	LungCancer	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	Lung	LungCancer	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	blood	Snoring	NA	NA	NA
156	POLR3H	171568	22	41916803	41945479	6.78E-11	Lung	Snoring	NA	NA	NA
156	PMM1	5372	22	41967890	41990871	2.65E-11	blood	Asthma	0.1686	8.66E-01	9.55E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	Lung	Asthma	-2.1352	3.27E-02	1.35E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	blood	COPD	0.1686	8.66E-01	9.55E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	Lung	COPD	2.4329	1.50E-02	7.41E-02
156	PMM1	5372	22	41967890	41990871	2.65E-11	blood	IPF	0.1686	8.66E-01	9.55E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	Lung	IPF	0.2085	8.35E-01	9.49E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	blood	LungCancer	0.1686	8.66E-01	9.55E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	Lung	LungCancer	2.1692	3.01E-02	1.28E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	blood	Snoring	0.1686	8.66E-01	9.55E-01
156	PMM1	5372	22	41967890	41990871	2.65E-11	Lung	Snoring	0.1686	8.66E-01	9.55E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	blood	Asthma	1.1910	2.34E-01	4.79E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	Lung	Asthma	2.2377	2.52E-02	1.11E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	blood	COPD	1.1910	2.34E-01	4.79E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	Lung	COPD	-1.4699	1.42E-01	3.63E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	blood	IPF	1.1910	2.34E-01	4.79E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	Lung	IPF	1.1068	2.68E-01	5.19E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	blood	LungCancer	1.1910	2.34E-01	4.79E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	Lung	LungCancer	0.2306	8.18E-01	9.42E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	blood	Snoring	1.1910	2.34E-01	4.79E-01
156	DES11	27351	22	41989032	42022079	5.36E-11	Lung	Snoring	1.1910	2.34E-01	4.79E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	blood	Asthma	0.8802	3.79E-01	6.29E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	Lung	Asthma	5.2179	1.81E-07	3.41E-06
118	RIN3	79890	14	92975125	93160339	8.13E-15	blood	COPD	0.8802	3.79E-01	6.29E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	Lung	COPD	2.3152	2.06E-02	9.54E-02
118	RIN3	79890	14	92975125	93160339	8.13E-15	blood	IPF	0.8802	3.79E-01	6.29E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	Lung	IPF	0.1444	8.85E-01	9.59E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	blood	LungCancer	0.8802	3.79E-01	6.29E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	Lung	LungCancer	-0.6179	5.37E-01	7.62E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	blood	Snoring	0.8802	3.79E-01	6.29E-01
118	RIN3	79890	14	92975125	93160339	8.13E-15	Lung	Snoring	0.8802	3.79E-01	6.29E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	blood	Asthma	-1.8069	7.08E-02	2.27E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	Lung	Asthma	-0.5884	5.56E-01	7.75E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	blood	COPD	-1.8069	7.08E-02	2.27E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	Lung	COPD	-0.3149	7.53E-01	9.14E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	blood	IPF	-1.8069	7.08E-02	2.27E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	Lung	IPF	1.3214	1.86E-01	4.21E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	blood	LungCancer	-1.8069	7.08E-02	2.27E-01
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	Lung	LungCancer	-2.5896	9.61E-03	5.08E-02
154	CHRNA4	1137	20	61969662	62014487	4.64E-13	blood	Snoring	-1.8069	7.08E-02	2.27E-01

154	CHRNA4	1137	20	61969662	62014487	4.64E-13	Lung	Snoring	-1.8069	7.08E-02	2.27E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	blood	Asthma	-1.6287	1.03E-01	2.90E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	Lung	Asthma	-3.3889	7.02E-04	5.66E-03
154	GMEB2	26205	20	62213955	62263381	4.12E-05	blood	COPD	-1.6287	1.03E-01	2.90E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	Lung	COPD	-1.3685	1.71E-01	4.04E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	blood	IPF	-1.6287	1.03E-01	2.90E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	Lung	IPF	-1.2623	2.07E-01	4.47E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	blood	LungCancer	-1.6287	1.03E-01	2.90E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	Lung	LungCancer	-2.1672	3.02E-02	1.28E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	blood	Snoring	-1.6287	1.03E-01	2.90E-01
154	GMEB2	26205	20	62213955	62263381	4.12E-05	Lung	Snoring	-1.6287	1.03E-01	2.90E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	blood	Asthma	2.0659	3.88E-02	1.53E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	Lung	Asthma	2.4045	1.62E-02	7.85E-02
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	blood	COPD	2.0659	3.88E-02	1.53E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	Lung	COPD	2.2260	2.60E-02	1.14E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	blood	IPF	2.0659	3.88E-02	1.53E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	Lung	IPF	0.1568	8.75E-01	9.56E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	blood	LungCancer	2.0659	3.88E-02	1.53E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	Lung	LungCancer	1.4616	1.44E-01	3.66E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	blood	Snoring	2.0659	3.88E-02	1.53E-01
154	ARFRP1	10139	20	62324995	62344365	1.28E-10	Lung	Snoring	2.0659	3.88E-02	1.53E-01
131	CORO1A	11151	16	30189731	30205397	2.94E-05	blood	Asthma	-4.4673	7.92E-06	1.02E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	Lung	Asthma	-3.8973	9.73E-05	9.26E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	blood	COPD	-4.4673	7.92E-06	1.02E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	Lung	COPD	-5.1659	2.39E-07	4.27E-06
131	CORO1A	11151	16	30189731	30205397	2.94E-05	blood	IPF	-4.4673	7.92E-06	1.02E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	Lung	IPF	0.0872	9.30E-01	9.73E-01
131	CORO1A	11151	16	30189731	30205397	2.94E-05	blood	LungCancer	-4.4673	7.92E-06	1.02E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	Lung	LungCancer	-1.5800	1.14E-01	3.08E-01
131	CORO1A	11151	16	30189731	30205397	2.94E-05	blood	Snoring	-4.4673	7.92E-06	1.02E-04
131	CORO1A	11151	16	30189731	30205397	2.94E-05	Lung	Snoring	-4.4673	7.92E-06	1.02E-04
131	MAPK3	5595	16	30120426	30139630	4.20E-06	blood	Asthma	-3.1078	1.89E-03	1.24E-02
131	MAPK3	5595	16	30120426	30139630	4.20E-06	Lung	Asthma	-3.7773	1.59E-04	1.41E-03
131	MAPK3	5595	16	30120426	30139630	4.20E-06	blood	COPD	-3.1078	1.89E-03	1.24E-02
131	MAPK3	5595	16	30120426	30139630	4.20E-06	Lung	COPD	-4.5632	5.04E-06	6.87E-05
131	MAPK3	5595	16	30120426	30139630	4.20E-06	blood	IPF	-3.1078	1.89E-03	1.24E-02
131	MAPK3	5595	16	30120426	30139630	4.20E-06	Lung	IPF	0.0620	9.51E-01	9.84E-01
131	MAPK3	5595	16	30120426	30139630	4.20E-06	blood	LungCancer	-3.1078	1.89E-03	1.24E-02
131	MAPK3	5595	16	30120426	30139630	4.20E-06	Lung	LungCancer	-1.0400	2.98E-01	5.53E-01
131	MAPK3	5595	16	30120426	30139630	4.20E-06	blood	Snoring	-3.1078	1.89E-03	1.24E-02
131	MAPK3	5595	16	30120426	30139630	4.20E-06	Lung	Snoring	-3.1078	1.89E-03	1.24E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	blood	Asthma	-2.4766	1.33E-02	6.69E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	Lung	Asthma	-4.3842	1.16E-05	1.47E-04
131	GDPD3	79153	16	30110977	30130264	4.26E-07	blood	COPD	-2.4766	1.33E-02	6.69E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	Lung	COPD	-3.4187	6.29E-04	5.19E-03
131	GDPD3	79153	16	30110977	30130264	4.26E-07	blood	IPF	-2.4766	1.33E-02	6.69E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	Lung	IPF	-0.1920	8.47E-01	9.54E-01
131	GDPD3	79153	16	30110977	30130264	4.26E-07	blood	LungCancer	-2.4766	1.33E-02	6.69E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	Lung	LungCancer	-1.0300	3.02E-01	5.57E-01
131	GDPD3	79153	16	30110977	30130264	4.26E-07	blood	Snoring	-2.4766	1.33E-02	6.69E-02
131	GDPD3	79153	16	30110977	30130264	4.26E-07	Lung	Snoring	-2.4766	1.33E-02	6.69E-02
131	STX4	6810	16	31039416	31056489	3.22E-11	blood	Asthma	1.3683	1.71E-01	4.04E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	Lung	Asthma	3.1998	1.38E-03	9.70E-03
131	STX4	6810	16	31039416	31056489	3.22E-11	blood	COPD	1.3683	1.71E-01	4.04E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	Lung	COPD	-2.3202	2.03E-02	9.49E-02
131	STX4	6810	16	31039416	31056489	3.22E-11	blood	IPF	1.3683	1.71E-01	4.04E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	Lung	IPF	0.1540	8.77E-01	9.56E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	blood	LungCancer	1.3683	1.71E-01	4.04E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	Lung	LungCancer	0.8870	3.75E-01	6.27E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	blood	Snoring	1.3683	1.71E-01	4.04E-01
131	STX4	6810	16	31039416	31056489	3.22E-11	Lung	Snoring	1.3683	1.71E-01	4.04E-01
131	BCKDK	10295	16	31114615	31129112	1.25E-10	blood	Asthma	-4.5743	4.78E-06	6.58E-05
131	BCKDK	10295	16	31114615	31129112	1.25E-10	Lung	Asthma	-4.0944	4.23E-05	4.82E-04
131	BCKDK	10295	16	31114615	31129112	1.25E-10	blood	COPD	-4.5743	4.78E-06	6.58E-05
131	BCKDK	10295	16	31114615	31129112	1.25E-10	Lung	COPD	-3.6384	2.74E-04	2.39E-03
131	BCKDK	10295	16	31114615	31129112	1.25E-10	blood	IPF	-4.5743	4.78E-06	6.58E-05
131	BCKDK	10295	16	31114615	31129112	1.25E-10	Lung	IPF	0.4800	6.31E-01	8.29E-01
131	BCKDK	10295	16	31114615	31129112	1.25E-10	blood	LungCancer	-4.5743	4.78E-06	6.58E-05
131	BCKDK	10295	16	31114615	31129112	1.25E-10	Lung	LungCancer	-2.6000	9.23E-03	4.96E-02
131	BCKDK	10295	16	31114615	31129112	1.25E-10	blood	Snoring	-4.5743	4.78E-06	6.58E-05
131	BCKDK	10295	16	31114615	31129112	1.25E-10	Lung	Snoring	-4.5743	4.78E-06	6.58E-05
131	KAT8	84148	16	31123985	31147714	1.56E-11	blood	Asthma	5.7891	7.07E-09	2.39E-07
131	KAT8	84148	16	31123985	31147714	1.56E-11	Lung	Asthma	4.7779	1.77E-06	2.81E-05



131	KAT8	84148	16	31123985	31147714	1.56E-11	blood	COPD	5.7891	7.07E-09	2.39E-07
131	KAT8	84148	16	31123985	31147714	1.56E-11	Lung	COPD	5.3027	1.14E-07	2.40E-06
131	KAT8	84148	16	31123985	31147714	1.56E-11	blood	IPF	5.7891	7.07E-09	2.39E-07
131	KAT8	84148	16	31123985	31147714	1.56E-11	Lung	IPF	0.6100	5.42E-01	7.62E-01
131	KAT8	84148	16	31123985	31147714	1.56E-11	blood	LungCancer	5.7891	7.07E-09	2.39E-07
131	KAT8	84148	16	31123985	31147714	1.56E-11	Lung	LungCancer	2.2400	2.54E-02	1.11E-01
131	KAT8	84148	16	31123985	31147714	1.56E-11	blood	Snoring	5.7891	7.07E-09	2.39E-07
131	KAT8	84148	16	31123985	31147714	1.56E-11	Lung	Snoring	5.7891	7.07E-09	2.39E-07
130	IL21R	50615	16	27408483	27468363	9.95E-07	blood	Asthma	-0.3430	7.32E-01	8.98E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	Lung	Asthma	-4.5682	4.92E-06	6.74E-05
130	IL21R	50615	16	27408483	27468363	9.95E-07	blood	COPD	-0.3430	7.32E-01	8.98E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	Lung	COPD	-0.9320	3.51E-01	6.08E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	blood	IPF	-0.3430	7.32E-01	8.98E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	Lung	IPF	-0.0711	9.43E-01	9.80E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	blood	LungCancer	-0.3430	7.32E-01	8.98E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	Lung	LungCancer	-0.7340	4.63E-01	7.13E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	blood	Snoring	-0.3430	7.32E-01	8.98E-01
130	IL21R	50615	16	27408483	27468363	9.95E-07	Lung	Snoring	-0.3430	7.32E-01	8.98E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	blood	Asthma	-0.2643	7.92E-01	9.29E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	Lung	Asthma	-8.1830	2.77E-16	3.39E-14
125	AAGAB	79719	15	67488013	67552536	5.00E-10	blood	COPD	-0.2643	7.92E-01	9.29E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	Lung	COPD	-4.7908	1.66E-06	2.67E-05
125	AAGAB	79719	15	67488013	67552536	5.00E-10	blood	IPF	-0.2643	7.92E-01	9.29E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	Lung	IPF	-1.5347	1.25E-01	3.32E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	blood	LungCancer	-0.2643	7.92E-01	9.29E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	Lung	LungCancer	-0.3770	7.06E-01	8.84E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	blood	Snoring	-0.2643	7.92E-01	9.29E-01
125	AAGAB	79719	15	67488013	67552536	5.00E-10	Lung	Snoring	-0.2643	7.92E-01	9.29E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	blood	Asthma	1.1090	2.67E-01	5.17E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	Lung	Asthma	3.2144	1.31E-03	9.25E-03
125	IQCH	64799	15	67542138	67799142	1.28E-11	blood	COPD	1.1090	2.67E-01	5.17E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	Lung	COPD	2.1381	3.25E-02	1.35E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	blood	IPF	1.1090	2.67E-01	5.17E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	Lung	IPF	1.6738	9.42E-02	2.76E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	blood	LungCancer	1.1090	2.67E-01	5.17E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	Lung	LungCancer	0.5090	6.11E-01	8.16E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	blood	Snoring	1.1090	2.67E-01	5.17E-01
125	IQCH	64799	15	67542138	67799142	1.28E-11	Lung	Snoring	1.1090	2.67E-01	5.17E-01
82	EIF3E	3646	8	109208972	109265959	1.36E-05	blood	Asthma	-2.3126	2.07E-02	9.54E-02
82	EIF3E	3646	8	109208972	109265959	1.36E-05	Lung	Asthma	-4.3551	1.33E-05	1.68E-04
82	EIF3E	3646	8	109208972	109265959	1.36E-05	blood	COPD	-2.3126	2.07E-02	9.54E-02
82	EIF3E	3646	8	109208972	109265959	1.36E-05	Lung	COPD	-3.8108	1.39E-04	1.24E-03
82	EIF3E	3646	8	109208972	109265959	1.36E-05	blood	IPF	-2.3126	2.07E-02	9.54E-02
82	EIF3E	3646	8	109208972	109265959	1.36E-05	Lung	IPF	-0.7537	4.51E-01	6.99E-01
82	EIF3E	3646	8	109208972	109265959	1.36E-05	blood	LungCancer	-2.3126	2.07E-02	9.54E-02
82	EIF3E	3646	8	109208972	109265959	1.36E-05	Lung	LungCancer	-0.6248	5.32E-01	7.58E-01
82	EIF3E	3646	8	109208972	109265959	1.36E-05	blood	Snoring	-2.3126	2.07E-02	9.54E-02
82	EIF3E	3646	8	109208972	109265959	1.36E-05	Lung	Snoring	-2.3126	2.07E-02	9.54E-02
82	EMC2	9694	8	109450853	109504136	2.88E-08	blood	Asthma	-1.6535	9.82E-02	2.83E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	Lung	Asthma	-0.5013	6.16E-01	8.22E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	blood	COPD	-1.6535	9.82E-02	2.83E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	Lung	COPD	-2.1992	2.79E-02	1.21E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	blood	IPF	-1.6535	9.82E-02	2.83E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	Lung	IPF	-2.3879	1.69E-02	8.16E-02
82	EMC2	9694	8	109450853	109504136	2.88E-08	blood	LungCancer	-1.6535	9.82E-02	2.83E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	Lung	LungCancer	0.2787	7.80E-01	9.29E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	blood	Snoring	-1.6535	9.82E-02	2.83E-01
82	EMC2	9694	8	109450853	109504136	2.88E-08	Lung	Snoring	-1.6535	9.82E-02	2.83E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	blood	Asthma	0.8272	4.08E-01	6.57E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	Lung	Asthma	1.7211	8.52E-02	2.56E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	blood	COPD	0.8272	4.08E-01	6.57E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	Lung	COPD	0.1376	8.91E-01	9.61E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	blood	IPF	0.8272	4.08E-01	6.57E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	Lung	IPF	0.8439	3.99E-01	6.51E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	blood	LungCancer	0.8272	4.08E-01	6.57E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	Lung	LungCancer	-1.9390	5.25E-02	1.88E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	blood	Snoring	0.8272	4.08E-01	6.57E-01
68	ITGB8	3696	7	20365345	20460382	1.39E-08	Lung	Snoring	0.8272	4.08E-01	6.57E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	blood	Asthma	0.0580	9.54E-01	9.84E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	Lung	Asthma	2.9653	3.02E-03	1.88E-02
67	ADAP1	11033	7	932537	1000208	1.76E-07	blood	COPD	0.0580	9.54E-01	9.84E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	Lung	COPD	1.6435	1.00E-01	2.87E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	blood	IPF	0.0580	9.54E-01	9.84E-01

67	ADAP1	11033	7	932537	1000208	1.76E-07	Lung	IPF	1.2244	2.21E-01	4.61E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	blood	LungCancer	0.0580	9.54E-01	9.84E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	Lung	LungCancer	3.2411	1.19E-03	8.84E-03
67	ADAP1	11033	7	932537	1000208	1.76E-07	blood	Snoring	0.0580	9.54E-01	9.84E-01
67	ADAP1	11033	7	932537	1000208	1.76E-07	Lung	Snoring	0.0580	9.54E-01	9.84E-01
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	blood	Asthma	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	Lung	Asthma	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	blood	COPD	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	Lung	COPD	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	blood	IPF	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	Lung	IPF	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	blood	LungCancer	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	Lung	LungCancer	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	blood	Snoring	NA	NA	NA
71	ZKSCAN1	7586	7	99608204	99647803	2.07E-10	Lung	Snoring	NA	NA	NA
84	RIC1	57589	9	5624031	5781557	4.77E-07	blood	Asthma	-1.8100	7.00E-02	2.26E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	Lung	Asthma	3.9991	6.36E-05	6.48E-04
84	RIC1	57589	9	5624031	5781557	4.77E-07	blood	COPD	-1.8100	7.00E-02	2.26E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	Lung	COPD	1.7480	8.05E-02	2.46E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	blood	IPF	-1.8100	7.00E-02	2.26E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	Lung	IPF	0.6083	5.43E-01	7.64E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	blood	LungCancer	-1.8100	7.00E-02	2.26E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	Lung	LungCancer	0.4588	6.46E-01	8.42E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	blood	Snoring	-1.8100	7.00E-02	2.26E-01
84	RIC1	57589	9	5624031	5781557	4.77E-07	Lung	Snoring	-1.8100	7.00E-02	2.26E-01
90	GATA3	2625	10	8082294	8122164	1.25E-08	blood	Asthma	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	Lung	Asthma	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	blood	COPD	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	Lung	COPD	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	blood	IPF	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	Lung	IPF	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	blood	LungCancer	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	Lung	LungCancer	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	blood	Snoring	NA	NA	NA
90	GATA3	2625	10	8082294	8122164	1.25E-08	Lung	Snoring	NA	NA	NA
137	FBXL20	84961	17	37403897	37563530	6.00E-11	blood	Asthma	0.0265	9.79E-01	9.92E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	Lung	Asthma	-7.1577	8.20E-13	7.24E-11
137	FBXL20	84961	17	37403897	37563530	6.00E-11	blood	COPD	0.0265	9.79E-01	9.92E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	Lung	COPD	-2.6185	8.83E-03	4.81E-02
137	FBXL20	84961	17	37403897	37563530	6.00E-11	blood	IPF	0.0265	9.79E-01	9.92E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	Lung	IPF	-1.7266	8.42E-02	2.54E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	blood	LungCancer	0.0265	9.79E-01	9.92E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	Lung	LungCancer	0.5276	5.98E-01	8.04E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	blood	Snoring	0.0265	9.79E-01	9.92E-01
137	FBXL20	84961	17	37403897	37563530	6.00E-11	Lung	Snoring	0.0265	9.79E-01	9.92E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	blood	Asthma	-1.1709	2.42E-01	4.89E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	Lung	Asthma	8.2809	1.22E-16	1.55E-14
137	CSF3	1440	17	38166614	38179066	6.55E-15	blood	COPD	-1.1709	2.42E-01	4.89E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	Lung	COPD	4.8133	1.48E-06	2.45E-05
137	CSF3	1440	17	38166614	38179066	6.55E-15	blood	IPF	-1.1709	2.42E-01	4.89E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	Lung	IPF	0.0287	9.77E-01	9.92E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	blood	LungCancer	-1.1709	2.42E-01	4.89E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	Lung	LungCancer	-0.8854	3.76E-01	6.28E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	blood	Snoring	-1.1709	2.42E-01	4.89E-01
137	CSF3	1440	17	38166614	38179066	6.55E-15	Lung	Snoring	-1.1709	2.42E-01	4.89E-01
137	PSMD3	5709	17	38132021	38159213	5.00E-10	blood	Asthma	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	Lung	Asthma	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	blood	COPD	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	Lung	COPD	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	blood	IPF	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	Lung	IPF	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	blood	LungCancer	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	Lung	LungCancer	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	blood	Snoring	NA	NA	NA
137	PSMD3	5709	17	38132021	38159213	5.00E-10	Lung	Snoring	NA	NA	NA
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	blood	Asthma	-1.6104	1.07E-01	2.97E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	Lung	Asthma	-0.5146	6.07E-01	8.12E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	blood	COPD	-1.6104	1.07E-01	2.97E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	Lung	COPD	-1.9106	5.61E-02	1.96E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	blood	IPF	-1.6104	1.07E-01	2.97E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	Lung	IPF	1.1185	2.63E-01	5.17E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	blood	LungCancer	-1.6104	1.07E-01	2.97E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	Lung	LungCancer	0.1807	8.57E-01	9.55E-01

137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	blood	Snoring	-1.6104	1.07E-01	2.97E-01
137	RAPGEFL1	51195	17	38329242	38356906	5.53E-05	Lung	Snoring	-1.6104	1.07E-01	2.97E-01
138	WNT3	7473	17	44834872	44901126	1.65E-11	blood	Asthma	5.2632	1.42E-07	2.84E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	Lung	Asthma	-1.0752	2.82E-01	5.38E-01
138	WNT3	7473	17	44834872	44901126	1.65E-11	blood	COPD	5.2632	1.42E-07	2.84E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	Lung	COPD	2.3470	1.89E-02	8.96E-02
138	WNT3	7473	17	44834872	44901126	1.65E-11	blood	IPF	5.2632	1.42E-07	2.84E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	Lung	IPF	-5.4366	5.43E-08	1.24E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	blood	LungCancer	5.2632	1.42E-07	2.84E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	Lung	LungCancer	-1.5726	1.16E-01	3.13E-01
138	WNT3	7473	17	44834872	44901126	1.65E-11	blood	Snoring	5.2632	1.42E-07	2.84E-06
138	WNT3	7473	17	44834872	44901126	1.65E-11	Lung	Snoring	5.2632	1.42E-07	2.84E-06
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	blood	Asthma	-1.8619	6.26E-02	2.09E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	Lung	Asthma	1.4640	1.43E-01	3.63E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	blood	COPD	-1.8619	6.26E-02	2.09E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	Lung	COPD	-1.2879	1.98E-01	4.38E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	blood	IPF	-1.8619	6.26E-02	2.09E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	Lung	IPF	2.0054	4.49E-02	1.70E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	blood	LungCancer	-1.8619	6.26E-02	2.09E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	Lung	LungCancer	-0.6452	5.19E-01	7.54E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	blood	Snoring	-1.8619	6.26E-02	2.09E-01
139	CDK5RAP3	80279	17	46042894	46064152	2.89E-06	Lung	Snoring	-1.8619	6.26E-02	2.09E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	blood	Asthma	-1.3628	1.73E-01	4.06E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	Lung	Asthma	-4.9725	6.61E-07	1.14E-05
136	PIGL	9487	17	16115509	16235098	2.08E-08	blood	COPD	-1.3628	1.73E-01	4.06E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	Lung	COPD	-2.8894	3.86E-03	2.31E-02
136	PIGL	9487	17	16115509	16235098	2.08E-08	blood	IPF	-1.3628	1.73E-01	4.06E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	Lung	IPF	-0.2959	7.67E-01	9.22E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	blood	LungCancer	-1.3628	1.73E-01	4.06E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	Lung	LungCancer	-0.6681	5.04E-01	7.44E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	blood	Snoring	-1.3628	1.73E-01	4.06E-01
136	PIGL	9487	17	16115509	16235098	2.08E-08	Lung	Snoring	-1.3628	1.73E-01	4.06E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	blood	Asthma	-0.0127	9.90E-01	9.94E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	Lung	Asthma	-2.9433	3.25E-03	1.99E-02
139	HOXB6	3216	17	46668099	46687343	4.32E-07	blood	COPD	-0.0127	9.90E-01	9.94E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	Lung	COPD	-0.8156	4.15E-01	6.66E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	blood	IPF	-0.0127	9.90E-01	9.94E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	Lung	IPF	-0.0276	9.78E-01	9.92E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	blood	LungCancer	-0.0127	9.90E-01	9.94E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	Lung	LungCancer	-1.0013	3.17E-01	5.72E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	blood	Snoring	-0.0127	9.90E-01	9.94E-01
139	HOXB6	3216	17	46668099	46687343	4.32E-07	Lung	Snoring	-0.0127	9.90E-01	9.94E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	blood	Asthma	0.2164	8.29E-01	9.43E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	Lung	Asthma	-0.6149	5.39E-01	7.62E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	blood	COPD	0.2164	8.29E-01	9.43E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	Lung	COPD	-0.1417	8.87E-01	9.59E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	blood	IPF	0.2164	8.29E-01	9.43E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	Lung	IPF	-1.7740	7.61E-02	2.35E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	blood	LungCancer	0.2164	8.29E-01	9.43E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	Lung	LungCancer	0.4806	6.31E-01	8.29E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	blood	Snoring	0.2164	8.29E-01	9.43E-01
140	ABI3	51225	17	47282589	47305587	2.81E-05	Lung	Snoring	0.2164	8.29E-01	9.43E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	blood	Asthma	0.2534	8.00E-01	9.32E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	Lung	Asthma	-3.0725	2.12E-03	1.36E-02
39	IL2	3558	4	123367625	123382650	1.83E-15	blood	COPD	0.2534	8.00E-01	9.32E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	Lung	COPD	0.4674	6.40E-01	8.35E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	blood	IPF	0.2534	8.00E-01	9.32E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	Lung	IPF	-0.8869	3.75E-01	6.27E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	blood	LungCancer	0.2534	8.00E-01	9.32E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	Lung	LungCancer	-0.2225	8.24E-01	9.43E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	blood	Snoring	0.2534	8.00E-01	9.32E-01
39	IL2	3558	4	123367625	123382650	1.83E-15	Lung	Snoring	0.2534	8.00E-01	9.32E-01
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	blood	Asthma	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	Lung	Asthma	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	blood	COPD	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	Lung	COPD	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	blood	IPF	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	Lung	IPF	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	blood	LungCancer	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	Lung	LungCancer	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	blood	Snoring	NA	NA	NA
109	OGFOD2	79676	12	123454354	123469588	7.42E-08	Lung	Snoring	NA	NA	NA
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	blood	Asthma	0.4837	6.29E-01	8.27E-01

109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	Lung	Asthma	5.8892	3.88E-09	1.59E-07
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	blood	COPD	0.4837	6.29E-01	8.27E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	Lung	COPD	-0.8072	4.20E-01	6.71E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	blood	IPF	0.4837	6.29E-01	8.27E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	Lung	IPF	0.4045	6.86E-01	8.66E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	blood	LungCancer	0.4837	6.29E-01	8.27E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	Lung	LungCancer	1.4021	1.61E-01	3.94E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	blood	Snoring	0.4837	6.29E-01	8.27E-01
109	CDK2AP1	8099	12	123740517	123761863	1.17E-08	Lung	Snoring	0.4837	6.29E-01	8.27E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	blood	Asthma	1.9603	5.00E-02	1.81E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	Lung	Asthma	0.1268	8.99E-01	9.64E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	blood	COPD	1.9603	5.00E-02	1.81E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	Lung	COPD	-0.0266	9.79E-01	9.92E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	blood	IPF	1.9603	5.00E-02	1.81E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	Lung	IPF	1.5931	1.11E-01	3.03E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	blood	LungCancer	1.9603	5.00E-02	1.81E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	Lung	LungCancer	0.3001	7.64E-01	9.20E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	blood	Snoring	1.9603	5.00E-02	1.81E-01
104	RAB5B	5869	12	56362697	56395467	1.99E-14	Lung	Snoring	1.9603	5.00E-02	1.81E-01
61	BACH2	60468	6	90631247	91011627	5.69E-16	blood	Asthma	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	Lung	Asthma	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	blood	COPD	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	Lung	COPD	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	blood	IPF	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	Lung	IPF	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	blood	LungCancer	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	Lung	LungCancer	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	blood	Snoring	NA	NA	NA
61	BACH2	60468	6	90631247	91011627	5.69E-16	Lung	Snoring	NA	NA	NA
58	TRIM38	10475	6	25957917	25992557	1.10E-06	blood	Asthma	1.2110	2.26E-01	4.67E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	Lung	Asthma	-4.1442	3.41E-05	3.98E-04
58	TRIM38	10475	6	25957917	25992557	1.10E-06	blood	COPD	1.2110	2.26E-01	4.67E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	Lung	COPD	-0.1564	8.76E-01	9.56E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	blood	IPF	1.2110	2.26E-01	4.67E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	Lung	IPF	-0.4555	6.49E-01	8.44E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	blood	LungCancer	1.2110	2.26E-01	4.67E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	Lung	LungCancer	1.6843	9.21E-02	2.71E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	blood	Snoring	1.2110	2.26E-01	4.67E-01
58	TRIM38	10475	6	25957917	25992557	1.10E-06	Lung	Snoring	1.2110	2.26E-01	4.67E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	blood	Asthma	0.4979	6.19E-01	8.22E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	Lung	Asthma	0.1020	9.19E-01	9.68E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	blood	COPD	0.4979	6.19E-01	8.22E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	Lung	COPD	-1.0706	2.84E-01	5.39E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	blood	IPF	0.4979	6.19E-01	8.22E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	Lung	IPF	-0.6317	5.28E-01	7.55E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	blood	LungCancer	0.4979	6.19E-01	8.22E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	Lung	LungCancer	0.0355	9.72E-01	9.92E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	blood	Snoring	0.4979	6.19E-01	8.22E-01
59	PTK7	5754	6	43039006	43134458	3.73E-06	Lung	Snoring	0.4979	6.19E-01	8.22E-01
59	SRF	6722	6	43133920	43154244	3.48E-06	blood	Asthma	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	Lung	Asthma	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	blood	COPD	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	Lung	COPD	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	blood	IPF	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	Lung	IPF	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	blood	LungCancer	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	Lung	LungCancer	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	blood	Snoring	NA	NA	NA
59	SRF	6722	6	43133920	43154244	3.48E-06	Lung	Snoring	NA	NA	NA
59	CUL9	23113	6	43144913	43197325	8.27E-06	blood	Asthma	1.3253	1.85E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	Lung	Asthma	3.0800	2.04E-03	1.32E-02
59	CUL9	23113	6	43144913	43197325	8.27E-06	blood	COPD	1.3253	1.85E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	Lung	COPD	0.3199	7.49E-01	9.10E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	blood	IPF	1.3253	1.85E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	Lung	IPF	-1.0400	2.98E-01	5.53E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	blood	LungCancer	1.3253	1.85E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	Lung	LungCancer	1.3294	1.84E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	blood	Snoring	1.3253	1.85E-01	4.21E-01
59	CUL9	23113	6	43144913	43197325	8.27E-06	Lung	Snoring	1.3253	1.85E-01	4.21E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	blood	Asthma	-0.8831	3.77E-01	6.28E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	Lung	Asthma	-3.1700	1.54E-03	1.04E-02
59	DNPH1	10591	6	43188367	43202211	7.73E-06	blood	COPD	-0.8831	3.77E-01	6.28E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	Lung	COPD	-3.1893	1.43E-03	9.82E-03

59	DNPH1	10591	6	43188367	43202211	7.73E-06	blood	IPF	-0.8831	3.77E-01	6.28E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	Lung	IPF	-2.3257	2.00E-02	9.37E-02
59	DNPH1	10591	6	43188367	43202211	7.73E-06	blood	LungCancer	-0.8831	3.77E-01	6.28E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	Lung	LungCancer	-0.8111	4.17E-01	6.68E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	blood	Snoring	-0.8831	3.77E-01	6.28E-01
59	DNPH1	10591	6	43188367	43202211	7.73E-06	Lung	Snoring	-0.8831	3.77E-01	6.28E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	blood	Asthma	-0.4148	6.78E-01	8.63E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	Lung	Asthma	0.3490	7.27E-01	8.98E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	blood	COPD	-0.4148	6.78E-01	8.63E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	Lung	COPD	-0.4210	6.74E-01	8.60E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	blood	IPF	-0.4148	6.78E-01	8.63E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	Lung	IPF	2.1757	2.96E-02	1.28E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	blood	LungCancer	-0.4148	6.78E-01	8.63E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	Lung	LungCancer	2.1511	3.15E-02	1.32E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	blood	Snoring	-0.4148	6.78E-01	8.63E-01
58	BTN2A1	11120	6	26453132	26481849	3.45E-05	Lung	Snoring	-0.4148	6.78E-01	8.63E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	blood	Asthma	-1.1244	2.61E-01	5.16E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	Lung	Asthma	-7.9800	1.42E-15	1.56E-13
49	IL4	3565	5	132004678	132023370	1.63E-14	blood	COPD	-1.1244	2.61E-01	5.16E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	Lung	COPD	-1.5874	1.12E-01	3.05E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	blood	IPF	-1.1244	2.61E-01	5.16E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	Lung	IPF	-0.2466	8.05E-01	9.34E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	blood	LungCancer	-1.1244	2.61E-01	5.16E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	Lung	LungCancer	2.0740	3.81E-02	1.51E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	blood	Snoring	-1.1244	2.61E-01	5.16E-01
49	IL4	3565	5	132004678	132023370	1.63E-14	Lung	Snoring	-1.1244	2.61E-01	5.16E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	blood	Asthma	0.1781	8.59E-01	9.55E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	Lung	Asthma	8.8400	9.85E-19	1.57E-16
49	RAD50	10111	5	131887616	131985313	1.28E-15	blood	COPD	0.1781	8.59E-01	9.55E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	Lung	COPD	2.2752	2.29E-02	1.03E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	blood	IPF	0.1781	8.59E-01	9.55E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	Lung	IPF	-0.3431	7.32E-01	8.98E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	blood	LungCancer	0.1781	8.59E-01	9.55E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	Lung	LungCancer	-0.8268	4.08E-01	6.57E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	blood	Snoring	0.1781	8.59E-01	9.55E-01
49	RAD50	10111	5	131887616	131985313	1.28E-15	Lung	Snoring	0.1781	8.59E-01	9.55E-01
25	USP4	7375	3	49309577	49382536	8.78E-06	blood	Asthma	3.8997	9.63E-05	9.22E-04
25	USP4	7375	3	49309577	49382536	8.78E-06	Lung	Asthma	1.9000	5.74E-02	2.00E-01
25	USP4	7375	3	49309577	49382536	8.78E-06	blood	COPD	3.8997	9.63E-05	9.22E-04
25	USP4	7375	3	49309577	49382536	8.78E-06	Lung	COPD	5.9540	2.62E-09	1.46E-07
25	USP4	7375	3	49309577	49382536	8.78E-06	blood	IPF	3.8997	9.63E-05	9.22E-04
25	USP4	7375	3	49309577	49382536	8.78E-06	Lung	IPF	0.1904	8.49E-01	9.55E-01
25	USP4	7375	3	49309577	49382536	8.78E-06	blood	LungCancer	3.8997	9.63E-05	9.22E-04
25	USP4	7375	3	49309577	49382536	8.78E-06	Lung	LungCancer	3.0430	2.34E-03	1.49E-02
25	USP4	7375	3	49309577	49382536	8.78E-06	blood	Snoring	3.8997	9.63E-05	9.22E-04
25	USP4	7375	3	49309577	49382536	8.78E-06	Lung	Snoring	3.8997	9.63E-05	9.22E-04
26	FOXP1	27086	3	70998865	71638140	2.26E-06	blood	Asthma	-1.3201	1.87E-01	4.21E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	Lung	Asthma	3.2136	1.31E-03	9.25E-03
26	FOXP1	27086	3	70998865	71638140	2.26E-06	blood	COPD	-1.3201	1.87E-01	4.21E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	Lung	COPD	1.2458	2.13E-01	4.56E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	blood	IPF	-1.3201	1.87E-01	4.21E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	Lung	IPF	0.6548	5.13E-01	7.52E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	blood	LungCancer	-1.3201	1.87E-01	4.21E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	Lung	LungCancer	0.8054	4.21E-01	6.72E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	blood	Snoring	-1.3201	1.87E-01	4.21E-01
26	FOXP1	27086	3	70998865	71638140	2.26E-06	Lung	Snoring	-1.3201	1.87E-01	4.21E-01
20	GPD2	2820	2	157286965	157447915	6.50E-09	blood	Asthma	-5.6600	1.51E-08	4.32E-07
20	GPD2	2820	2	157286965	157447915	6.50E-09	Lung	Asthma	-0.9344	3.50E-01	6.08E-01
20	GPD2	2820	2	157286965	157447915	6.50E-09	blood	COPD	-5.6600	1.51E-08	4.32E-07
20	GPD2	2820	2	157286965	157447915	6.50E-09	Lung	COPD	-4.0105	6.06E-05	6.25E-04
20	GPD2	2820	2	157286965	157447915	6.50E-09	blood	IPF	-5.6600	1.51E-08	4.32E-07
20	GPD2	2820	2	157286965	157447915	6.50E-09	Lung	IPF	-0.2300	8.18E-01	9.42E-01
20	GPD2	2820	2	157286965	157447915	6.50E-09	blood	LungCancer	-5.6600	1.51E-08	4.32E-07
20	GPD2	2820	2	157286965	157447915	6.50E-09	Lung	LungCancer	2.1123	3.47E-02	1.42E-01
20	GPD2	2820	2	157286965	157447915	6.50E-09	blood	Snoring	-5.6600	1.51E-08	4.32E-07
20	GPD2	2820	2	157286965	157447915	6.50E-09	Lung	Snoring	-5.6600	1.51E-08	4.32E-07
17	IL1R1	3554	2	102681836	102801334	2.30E-16	blood	Asthma	-0.7760	4.38E-01	6.90E-01
17	IL1R1	3554	2	102681836	102801334	2.30E-16	Lung	Asthma	11.3935	4.50E-30	1.59E-27
17	IL1R1	3554	2	102681836	102801334	2.30E-16	blood	COPD	-0.7760	4.38E-01	6.90E-01
17	IL1R1	3554	2	102681836	102801334	2.30E-16	Lung	COPD	2.3336	1.96E-02	9.20E-02
17	IL1R1	3554	2	102681836	102801334	2.30E-16	blood	IPF	-0.7760	4.38E-01	6.90E-01
17	IL1R1	3554	2	102681836	102801334	2.30E-16	Lung	IPF	0.1785	8.58E-01	9.55E-01
17	IL1R1	3554	2	102681836	102801334	2.30E-16	blood	LungCancer	-0.7760	4.38E-01	6.90E-01



17	IL1R1	3554	2	102681836	102801334	2.30E-16	Lung	LungCancer	3.0731	2.12E-03	1.36E-02
17	IL1R1	3554	2	102681836	102801334	2.30E-16	blood	Snoring	-0.7760	4.38E-01	6.90E-01
17	IL1R1	3554	2	102681836	102801334	2.30E-16	Lung	Snoring	-0.7760	4.38E-01	6.90E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	blood	Asthma	-2.1079	3.50E-02	1.42E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	Lung	Asthma	1.3394	1.80E-01	4.19E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	blood	COPD	-2.1079	3.50E-02	1.42E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	Lung	COPD	-1.0527	2.92E-01	5.47E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	blood	IPF	-2.1079	3.50E-02	1.42E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	Lung	IPF	-0.5868	5.57E-01	7.76E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	blood	LungCancer	-2.1079	3.50E-02	1.42E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	Lung	LungCancer	-0.2898	7.72E-01	9.25E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	blood	Snoring	-2.1079	3.50E-02	1.42E-01
17	IL1RL2	8808	2	102798433	102861462	6.73E-13	Lung	Snoring	-2.1079	3.50E-02	1.42E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	blood	Asthma	0.5693	5.69E-01	7.86E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	Lung	Asthma	9.4780	2.59E-21	5.14E-19
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	blood	COPD	0.5693	5.69E-01	7.86E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	Lung	COPD	2.5369	1.12E-02	5.82E-02
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	blood	IPF	0.5693	5.69E-01	7.86E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	Lung	IPF	1.0503	2.94E-01	5.49E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	blood	LungCancer	0.5693	5.69E-01	7.86E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	Lung	LungCancer	1.3885	1.65E-01	4.01E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	blood	Snoring	0.5693	5.69E-01	7.86E-01
17	SLC9A2	6549	2	103231166	103332809	2.98E-10	Lung	Snoring	0.5693	5.69E-01	7.86E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	blood	Asthma	-1.8739	6.09E-02	2.05E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	Lung	Asthma	-2.7379	6.18E-03	3.49E-02
8	PHTF1	10745	1	114234824	114307165	2.38E-05	blood	COPD	-1.8739	6.09E-02	2.05E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	Lung	COPD	-2.1405	3.23E-02	1.34E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	blood	IPF	-1.8739	6.09E-02	2.05E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	Lung	IPF	-1.3652	1.72E-01	4.06E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	blood	LungCancer	-1.8739	6.09E-02	2.05E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	Lung	LungCancer	1.3984	1.62E-01	3.96E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	blood	Snoring	-1.8739	6.09E-02	2.05E-01
8	PHTF1	10745	1	114234824	114307165	2.38E-05	Lung	Snoring	-1.8739	6.09E-02	2.05E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	blood	Asthma	0.4725	6.37E-01	8.32E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	Lung	Asthma	-2.4923	1.27E-02	6.51E-02
126	RCN2	5955	15	77218962	77247601	1.99E-05	blood	COPD	0.4725	6.37E-01	8.32E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	Lung	COPD	-1.4447	1.49E-01	3.73E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	blood	IPF	0.4725	6.37E-01	8.32E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	Lung	IPF	0.2748	7.83E-01	9.29E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	blood	LungCancer	0.4725	6.37E-01	8.32E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	Lung	LungCancer	-0.7520	4.52E-01	7.00E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	blood	Snoring	0.4725	6.37E-01	8.32E-01
126	RCN2	5955	15	77218962	77247601	1.99E-05	Lung	Snoring	0.4725	6.37E-01	8.32E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	blood	Asthma	1.2368	2.16E-01	4.56E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	Lung	Asthma	1.7012	8.89E-02	2.64E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	blood	COPD	1.2368	2.16E-01	4.56E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	Lung	COPD	1.9110	5.60E-02	1.96E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	blood	IPF	1.2368	2.16E-01	4.56E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	Lung	IPF	8.6600	4.54E-18	6.56E-16
94	MUC5B	727897	11	1239295	1288406	2.64E-07	blood	LungCancer	1.2368	2.16E-01	4.56E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	Lung	LungCancer	1.4853	1.37E-01	3.55E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	blood	Snoring	1.2368	2.16E-01	4.56E-01
94	MUC5B	727897	11	1239295	1288406	2.64E-07	Lung	Snoring	1.2368	2.16E-01	4.56E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	blood	Asthma	-0.9784	3.28E-01	5.84E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	Lung	Asthma	-0.0273	9.78E-01	9.92E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	blood	COPD	-0.9784	3.28E-01	5.84E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	Lung	COPD	-1.0737	2.83E-01	5.38E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	blood	IPF	-0.9784	3.28E-01	5.84E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	Lung	IPF	-0.6286	5.30E-01	7.55E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	blood	LungCancer	-0.9784	3.28E-01	5.84E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	Lung	LungCancer	-2.2730	2.30E-02	1.03E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	blood	Snoring	-0.9784	3.28E-01	5.84E-01
113	PCDH17	27253	13	58199238	58308445	2.26E-05	Lung	Snoring	-0.9784	3.28E-01	5.84E-01
87	NEK6	10783	9	127014885	127119721	1.05E-08	blood	Asthma	-2.4200	1.57E-02	7.66E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	Lung	Asthma	-6.4827	9.01E-11	6.82E-09
87	NEK6	10783	9	127014885	127119721	1.05E-08	blood	COPD	-2.4200	1.57E-02	7.66E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	Lung	COPD	-2.6353	8.41E-03	4.58E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	blood	IPF	-2.4200	1.57E-02	7.66E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	Lung	IPF	-1.1434	2.53E-01	5.05E-01
87	NEK6	10783	9	127014885	127119721	1.05E-08	blood	LungCancer	-2.4200	1.57E-02	7.66E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	Lung	LungCancer	-0.7006	4.84E-01	7.30E-01
87	NEK6	10783	9	127014885	127119721	1.05E-08	blood	Snoring	-2.4200	1.57E-02	7.66E-02
87	NEK6	10783	9	127014885	127119721	1.05E-08	Lung	Snoring	-2.4200	1.57E-02	7.66E-02

88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	blood	Asthma	-4.1800	2.93E-05	3.53E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	Lung	Asthma	0.6384	5.23E-01	7.55E-01
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	blood	COPD	-4.1800	2.93E-05	3.53E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	Lung	COPD	4.1373	3.51E-05	4.09E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	blood	IPF	-4.1800	2.93E-05	3.53E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	Lung	IPF	0.0525	9.58E-01	9.86E-01
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	blood	LungCancer	-4.1800	2.93E-05	3.53E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	Lung	LungCancer	3.8576	1.15E-04	1.04E-03
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	blood	Snoring	-4.1800	2.93E-05	3.53E-04
88	MAPKAP1	79109	9	128194673	128474513	1.30E-07	Lung	Snoring	-4.1800	2.93E-05	3.53E-04
92	IDE	3416	10	94206441	94338852	1.55E-05	blood	Asthma	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	Lung	Asthma	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	blood	COPD	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	Lung	COPD	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	blood	IPF	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	Lung	IPF	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	blood	LungCancer	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	Lung	LungCancer	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	blood	Snoring	NA	NA	NA
92	IDE	3416	10	94206441	94338852	1.55E-05	Lung	Snoring	NA	NA	NA
139	HOXB8	3218	17	46684708	46697474	1.50E-07	blood	Asthma	3.3934	6.90E-04	5.61E-03
139	HOXB8	3218	17	46684708	46697474	1.50E-07	Lung	Asthma	-0.7873	4.31E-01	6.83E-01
139	HOXB8	3218	17	46684708	46697474	1.50E-07	blood	COPD	3.3934	6.90E-04	5.61E-03
139	HOXB8	3218	17	46684708	46697474	1.50E-07	Lung	COPD	-0.2304	8.18E-01	9.42E-01
139	HOXB8	3218	17	46684708	46697474	1.50E-07	blood	IPF	3.3934	6.90E-04	5.61E-03
139	HOXB8	3218	17	46684708	46697474	1.50E-07	Lung	IPF	-0.4346	6.64E-01	8.52E-01
139	HOXB8	3218	17	46684708	46697474	1.50E-07	blood	LungCancer	3.3934	6.90E-04	5.61E-03
139	HOXB8	3218	17	46684708	46697474	1.50E-07	Lung	LungCancer	1.3034	1.92E-01	4.31E-01
139	HOXB8	3218	17	46684708	46697474	1.50E-07	blood	Snoring	3.3934	6.90E-04	5.61E-03
139	HOXB8	3218	17	46684708	46697474	1.50E-07	Lung	Snoring	3.3934	6.90E-04	5.61E-03
138	KANSL1	284058	17	44102282	44307740	3.42E-13	blood	Asthma	5.4349	5.48E-08	1.24E-06
138	KANSL1	284058	17	44102282	44307740	3.42E-13	Lung	Asthma	0.1418	8.87E-01	9.59E-01
138	KANSL1	284058	17	44102282	44307740	3.42E-13	blood	COPD	5.4349	5.48E-08	1.24E-06
138	KANSL1	284058	17	44102282	44307740	3.42E-13	Lung	COPD	0.4663	6.41E-01	8.36E-01
138	KANSL1	284058	17	44102282	44307740	3.42E-13	blood	IPF	5.4349	5.48E-08	1.24E-06
138	KANSL1	284058	17	44102282	44307740	3.42E-13	Lung	IPF	-2.1052	3.53E-02	1.43E-01
138	KANSL1	284058	17	44102282	44307740	3.42E-13	blood	LungCancer	5.4349	5.48E-08	1.24E-06
138	KANSL1	284058	17	44102282	44307740	3.42E-13	Lung	LungCancer	-1.5860	1.13E-01	3.06E-01
138	KANSL1	284058	17	44102282	44307740	3.42E-13	blood	Snoring	5.4349	5.48E-08	1.24E-06
138	KANSL1	284058	17	44102282	44307740	3.42E-13	Lung	Snoring	5.4349	5.48E-08	1.24E-06
139	HOXB5	3215	17	46663619	46676103	2.82E-08	blood	Asthma	-5.8043	6.46E-09	2.33E-07
139	HOXB5	3215	17	46663619	46676103	2.82E-08	Lung	Asthma	-2.2923	2.19E-02	9.84E-02
139	HOXB5	3215	17	46663619	46676103	2.82E-08	blood	COPD	-5.8043	6.46E-09	2.33E-07
139	HOXB5	3215	17	46663619	46676103	2.82E-08	Lung	COPD	-0.8452	3.98E-01	6.50E-01
139	HOXB5	3215	17	46663619	46676103	2.82E-08	blood	IPF	-5.8043	6.46E-09	2.33E-07
139	HOXB5	3215	17	46663619	46676103	2.82E-08	Lung	IPF	-1.2926	1.96E-01	4.34E-01
139	HOXB5	3215	17	46663619	46676103	2.82E-08	blood	LungCancer	-5.8043	6.46E-09	2.33E-07
139	HOXB5	3215	17	46663619	46676103	2.82E-08	Lung	LungCancer	-2.6153	8.91E-03	4.84E-02
139	HOXB5	3215	17	46663619	46676103	2.82E-08	blood	Snoring	-5.8043	6.46E-09	2.33E-07
139	HOXB5	3215	17	46663619	46676103	2.82E-08	Lung	Snoring	-5.8043	6.46E-09	2.33E-07
139	HOXB3	3213	17	46621232	46672634	1.69E-10	blood	Asthma	1.3792	1.68E-01	4.04E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	Lung	Asthma	5.1941	2.06E-07	3.72E-06
139	HOXB3	3213	17	46621232	46672634	1.69E-10	blood	COPD	1.3792	1.68E-01	4.04E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	Lung	COPD	0.8326	4.05E-01	6.57E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	blood	IPF	1.3792	1.68E-01	4.04E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	Lung	IPF	0.5786	5.63E-01	7.80E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	blood	LungCancer	1.3792	1.68E-01	4.04E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	Lung	LungCancer	0.3668	7.14E-01	8.90E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	blood	Snoring	1.3792	1.68E-01	4.04E-01
139	HOXB3	3213	17	46621232	46672634	1.69E-10	Lung	Snoring	1.3792	1.68E-01	4.04E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	blood	Asthma	1.1133	2.66E-01	5.17E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	Lung	Asthma	-1.7880	7.38E-02	2.31E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	blood	COPD	1.1133	2.66E-01	5.17E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	Lung	COPD	-3.1179	1.82E-03	1.21E-02
77	EPHX2	2053	8	27343519	27407439	4.49E-06	blood	IPF	1.1133	2.66E-01	5.17E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	Lung	IPF	-0.4753	6.35E-01	8.32E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	blood	LungCancer	1.1133	2.66E-01	5.17E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	Lung	LungCancer	-0.3239	7.46E-01	9.07E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	blood	Snoring	1.1133	2.66E-01	5.17E-01
77	EPHX2	2053	8	27343519	27407439	4.49E-06	Lung	Snoring	1.1133	2.66E-01	5.17E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	blood	Asthma	-0.4240	6.72E-01	8.59E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	Lung	Asthma	1.3926	1.64E-01	4.00E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	blood	COPD	-0.4240	6.72E-01	8.59E-01

86	CNTFR	1271	9	34546425	34595713	1.48E-05	Lung	COPD	2.1351	3.28E-02	1.36E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	blood	IPF	-0.4240	6.72E-01	8.59E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	Lung	IPF	1.6916	9.07E-02	2.67E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	blood	LungCancer	-0.4240	6.72E-01	8.59E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	Lung	LungCancer	-1.5043	1.33E-01	3.47E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	blood	Snoring	-0.4240	6.72E-01	8.59E-01
86	CNTFR	1271	9	34546425	34595713	1.48E-05	Lung	Snoring	-0.4240	6.72E-01	8.59E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	blood	Asthma	-0.0928	9.26E-01	9.70E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	Lung	Asthma	-1.5361	1.25E-01	3.32E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	blood	COPD	-0.0928	9.26E-01	9.70E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	Lung	COPD	-1.2872	1.98E-01	4.38E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	blood	IPF	-0.0928	9.26E-01	9.70E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	Lung	IPF	1.8023	7.15E-02	2.28E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	blood	LungCancer	-0.0928	9.26E-01	9.70E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	Lung	LungCancer	-0.4963	6.20E-01	8.23E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	blood	Snoring	-0.0928	9.26E-01	9.70E-01
104	CDK2	1017	12	56355556	56371573	1.05E-06	Lung	Snoring	-0.0928	9.26E-01	9.70E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	blood	Asthma	-1.0160	3.10E-01	5.64E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	Lung	Asthma	-4.6278	3.70E-06	5.25E-05
105	LRP1	4035	12	57517282	57612142	7.62E-10	blood	COPD	-1.0160	3.10E-01	5.64E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	Lung	COPD	-0.9945	3.20E-01	5.77E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	blood	IPF	-1.0160	3.10E-01	5.64E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	Lung	IPF	-0.6176	5.37E-01	7.62E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	blood	LungCancer	-1.0160	3.10E-01	5.64E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	Lung	LungCancer	1.7772	7.55E-02	2.34E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	blood	Snoring	-1.0160	3.10E-01	5.64E-01
105	LRP1	4035	12	57517282	57612142	7.62E-10	Lung	Snoring	-1.0160	3.10E-01	5.64E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	blood	Asthma	-0.6880	4.91E-01	7.34E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	Lung	Asthma	0.6205	5.35E-01	7.61E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	blood	COPD	-0.6880	4.91E-01	7.34E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	Lung	COPD	0.1437	8.86E-01	9.59E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	blood	IPF	-0.6880	4.91E-01	7.34E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	Lung	IPF	-0.9003	3.68E-01	6.23E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	blood	LungCancer	-0.6880	4.91E-01	7.34E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	Lung	LungCancer	0.9182	3.59E-01	6.15E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	blood	Snoring	-0.6880	4.91E-01	7.34E-01
104	IKZF4	64375	12	56396268	56437219	5.21E-08	Lung	Snoring	-0.6880	4.91E-01	7.34E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	blood	Asthma	-0.4466	6.55E-01	8.44E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	Lung	Asthma	2.4516	1.42E-02	7.11E-02
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	blood	COPD	-0.4466	6.55E-01	8.44E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	Lung	COPD	-0.2670	7.89E-01	9.29E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	blood	IPF	-0.4466	6.55E-01	8.44E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	Lung	IPF	-0.2826	7.77E-01	9.28E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	blood	LungCancer	-0.4466	6.55E-01	8.44E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	Lung	LungCancer	-0.0265	9.79E-01	9.92E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	blood	Snoring	-0.4466	6.55E-01	8.44E-01
58	SLC17A3	10786	6	25840328	25879471	3.87E-06	Lung	Snoring	-0.4466	6.55E-01	8.44E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	blood	Asthma	0.2479	8.04E-01	9.34E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	Lung	Asthma	1.3800	1.69E-01	4.04E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	blood	COPD	0.2479	8.04E-01	9.34E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	Lung	COPD	2.0817	3.74E-02	1.49E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	blood	IPF	0.2479	8.04E-01	9.34E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	Lung	IPF	1.3913	1.64E-01	4.00E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	blood	LungCancer	0.2479	8.04E-01	9.34E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	Lung	LungCancer	0.3122	7.55E-01	9.15E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	blood	Snoring	0.2479	8.04E-01	9.34E-01
56	ATXN1	6310	6	16294343	16766721	8.20E-08	Lung	Snoring	0.2479	8.04E-01	9.34E-01
96	MYRF	745	11	61515121	61560990	5.08E-10	blood	Asthma	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	Lung	Asthma	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	blood	COPD	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	Lung	COPD	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	blood	IPF	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	Lung	IPF	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	blood	LungCancer	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	Lung	LungCancer	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	blood	Snoring	NA	NA	NA
96	MYRF	745	11	61515121	61560990	5.08E-10	Lung	Snoring	NA	NA	NA
115	GPR18	2841	13	99901967	99915682	1.61E-15	blood	Asthma	1.5839	1.13E-01	3.06E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	Lung	Asthma	-9.3132	1.24E-20	2.19E-18
115	GPR18	2841	13	99901967	99915682	1.61E-15	blood	COPD	1.5839	1.13E-01	3.06E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	Lung	COPD	-3.5898	3.31E-04	2.86E-03
115	GPR18	2841	13	99901967	99915682	1.61E-15	blood	IPF	1.5839	1.13E-01	3.06E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	Lung	IPF	0.5568	5.78E-01	7.91E-01

115	GPR18	2841	13	99901967	99915682	1.61E-15	blood	LungCancer	1.5839	1.13E-01	3.06E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	Lung	LungCancer	0.0244	9.81E-01	9.93E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	blood	Snoring	1.5839	1.13E-01	3.06E-01
115	GPR18	2841	13	99901967	99915682	1.61E-15	Lung	Snoring	1.5839	1.13E-01	3.06E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	blood	Asthma	-0.6293	5.29E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	Lung	Asthma	1.0775	2.81E-01	5.36E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	blood	COPD	-0.6293	5.29E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	Lung	COPD	-0.9381	3.48E-01	6.07E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	blood	IPF	-0.6293	5.29E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	Lung	IPF	-0.6418	5.21E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	blood	LungCancer	-0.6293	5.29E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	Lung	LungCancer	0.8930	3.72E-01	6.25E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	blood	Snoring	-0.6293	5.29E-01	7.55E-01
154	SLC2A4RG	56731	20	62366211	62380403	1.81E-11	Lung	Snoring	-0.6293	5.29E-01	7.55E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	blood	Asthma	0.7919	4.28E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	Lung	Asthma	8.0072	1.17E-15	1.33E-13
137	MED1	5469	17	37555538	37612527	2.87E-10	blood	COPD	0.7919	4.28E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	Lung	COPD	2.6751	7.47E-03	4.15E-02
137	MED1	5469	17	37555538	37612527	2.87E-10	blood	IPF	0.7919	4.28E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	Lung	IPF	0.7791	4.36E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	blood	LungCancer	0.7919	4.28E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	Lung	LungCancer	-0.8945	3.71E-01	6.24E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	blood	Snoring	0.7919	4.28E-01	6.80E-01
137	MED1	5469	17	37555538	37612527	2.87E-10	Lung	Snoring	0.7919	4.28E-01	6.80E-01
145	CD70	970	19	6577969	6596163	2.58E-06	blood	Asthma	-0.1703	8.65E-01	9.55E-01
145	CD70	970	19	6577969	6596163	2.58E-06	Lung	Asthma	-5.6681	1.44E-08	4.32E-07
145	CD70	970	19	6577969	6596163	2.58E-06	blood	COPD	-0.1703	8.65E-01	9.55E-01
145	CD70	970	19	6577969	6596163	2.58E-06	Lung	COPD	-1.2347	2.17E-01	4.56E-01
145	CD70	970	19	6577969	6596163	2.58E-06	blood	IPF	-0.1703	8.65E-01	9.55E-01
145	CD70	970	19	6577969	6596163	2.58E-06	Lung	IPF	0.5973	5.50E-01	7.70E-01
145	CD70	970	19	6577969	6596163	2.58E-06	blood	LungCancer	-0.1703	8.65E-01	9.55E-01
145	CD70	970	19	6577969	6596163	2.58E-06	Lung	LungCancer	0.0621	9.50E-01	9.84E-01
145	CD70	970	19	6577969	6596163	2.58E-06	blood	Snoring	-0.1703	8.65E-01	9.55E-01
145	CD70	970	19	6577969	6596163	2.58E-06	Lung	Snoring	-0.1703	8.65E-01	9.55E-01
137	THRA	7067	17	38213446	38255120	2.31E-13	blood	Asthma	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	Lung	Asthma	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	blood	COPD	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	Lung	COPD	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	blood	IPF	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	Lung	IPF	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	blood	LungCancer	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	Lung	LungCancer	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	blood	Snoring	NA	NA	NA
137	THRA	7067	17	38213446	38255120	2.31E-13	Lung	Snoring	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	blood	Asthma	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	Lung	Asthma	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	blood	COPD	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	Lung	COPD	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	blood	IPF	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	Lung	IPF	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	blood	LungCancer	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	Lung	LungCancer	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	blood	Snoring	NA	NA	NA
137	NR1D1	9572	17	38244037	38261978	1.70E-10	Lung	Snoring	NA	NA	NA
74	IRF5	3663	7	128572976	128595089	1.56E-07	blood	Asthma	-0.2729	7.85E-01	9.29E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	Lung	Asthma	-3.0584	2.23E-03	1.42E-02
74	IRF5	3663	7	128572976	128595089	1.56E-07	blood	COPD	-0.2729	7.85E-01	9.29E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	Lung	COPD	2.1376	3.26E-02	1.35E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	blood	IPF	-0.2729	7.85E-01	9.29E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	Lung	IPF	3.1710	1.52E-03	1.03E-02
74	IRF5	3663	7	128572976	128595089	1.56E-07	blood	LungCancer	-0.2729	7.85E-01	9.29E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	Lung	LungCancer	1.6030	1.09E-01	3.00E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	blood	Snoring	-0.2729	7.85E-01	9.29E-01
74	IRF5	3663	7	128572976	128595089	1.56E-07	Lung	Snoring	-0.2729	7.85E-01	9.29E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	blood	Asthma	0.4026	6.87E-01	8.66E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	Lung	Asthma	1.9680	4.91E-02	1.81E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	blood	COPD	0.4026	6.87E-01	8.66E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	Lung	COPD	1.9839	4.73E-02	1.77E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	blood	IPF	0.4026	6.87E-01	8.66E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	Lung	IPF	-1.7164	8.61E-02	2.59E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	blood	LungCancer	0.4026	6.87E-01	8.66E-01
122	IVD	3712	15	40692686	40733146	1.40E-09	Lung	LungCancer	-0.0005	1.00E+00	1.00E+00
122	IVD	3712	15	40692686	40733146	1.40E-09	blood	Snoring	0.4026	6.87E-01	8.66E-01

122	IVD	3712	15	40692686	40733146	1.40E-09	Lung	Snoring	0.4026	6.87E-01	8.66E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	blood	Asthma	-1.0927	2.75E-01	5.26E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	Lung	Asthma	-2.2461	2.47E-02	1.10E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	blood	COPD	-1.0927	2.75E-01	5.26E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	Lung	COPD	-1.7895	7.35E-02	2.31E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	blood	IPF	-1.0927	2.75E-01	5.26E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	Lung	IPF	1.5216	1.28E-01	3.37E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	blood	LungCancer	-1.0927	2.75E-01	5.26E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	Lung	LungCancer	0.0535	9.57E-01	9.86E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	blood	Snoring	-1.0927	2.75E-01	5.26E-01
122	KNSTRN	90417	15	40669922	40691489	1.84E-05	Lung	Snoring	-1.0927	2.75E-01	5.26E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	blood	Asthma	1.2737	2.03E-01	4.39E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	Lung	Asthma	1.5293	1.26E-01	3.34E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	blood	COPD	1.2737	2.03E-01	4.39E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	Lung	COPD	0.2639	7.92E-01	9.29E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	blood	IPF	1.2737	2.03E-01	4.39E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	Lung	IPF	1.1151	2.65E-01	5.17E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	blood	LungCancer	1.2737	2.03E-01	4.39E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	Lung	LungCancer	1.6257	1.04E-01	2.93E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	blood	Snoring	1.2737	2.03E-01	4.39E-01
135	SOX15	6665	17	7486496	7499037	2.64E-06	Lung	Snoring	1.2737	2.03E-01	4.39E-01
135	SHBG	6462	17	7512382	7541700	1.43E-05	blood	Asthma	-3.8710	1.08E-04	9.78E-04
135	SHBG	6462	17	7512382	7541700	1.43E-05	Lung	Asthma	-3.8651	1.11E-04	1.00E-03
135	SHBG	6462	17	7512382	7541700	1.43E-05	blood	COPD	-3.8710	1.08E-04	9.78E-04
135	SHBG	6462	17	7512382	7541700	1.43E-05	Lung	COPD	-1.4976	1.34E-01	3.50E-01
135	SHBG	6462	17	7512382	7541700	1.43E-05	blood	IPF	-3.8710	1.08E-04	9.78E-04
135	SHBG	6462	17	7512382	7541700	1.43E-05	Lung	IPF	-0.8869	3.75E-01	6.27E-01
135	SHBG	6462	17	7512382	7541700	1.43E-05	blood	LungCancer	-3.8710	1.08E-04	9.78E-04
135	SHBG	6462	17	7512382	7541700	1.43E-05	Lung	LungCancer	-0.7934	4.28E-01	6.80E-01
135	SHBG	6462	17	7512382	7541700	1.43E-05	blood	Snoring	-3.8710	1.08E-04	9.78E-04
135	SHBG	6462	17	7512382	7541700	1.43E-05	Lung	Snoring	-3.8710	1.08E-04	9.78E-04
135	MPDU1	9526	17	7481965	7496530	1.50E-05	blood	Asthma	3.0274	2.47E-03	1.55E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	Lung	Asthma	2.8023	5.07E-03	2.98E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	blood	COPD	3.0274	2.47E-03	1.55E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	Lung	COPD	-1.0245	3.06E-01	5.61E-01
135	MPDU1	9526	17	7481965	7496530	1.50E-05	blood	IPF	3.0274	2.47E-03	1.55E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	Lung	IPF	0.8621	3.89E-01	6.39E-01
135	MPDU1	9526	17	7481965	7496530	1.50E-05	blood	LungCancer	3.0274	2.47E-03	1.55E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	Lung	LungCancer	1.9645	4.95E-02	1.81E-01
135	MPDU1	9526	17	7481965	7496530	1.50E-05	blood	Snoring	3.0274	2.47E-03	1.55E-02
135	MPDU1	9526	17	7481965	7496530	1.50E-05	Lung	Snoring	3.0274	2.47E-03	1.55E-02
150	APOE	348	19	45404039	45417650	3.30E-05	blood	Asthma	-1.0359	3.00E-01	5.53E-01
150	APOE	348	19	45404039	45417650	3.30E-05	Lung	Asthma	-0.8562	3.92E-01	6.41E-01
150	APOE	348	19	45404039	45417650	3.30E-05	blood	COPD	-1.0359	3.00E-01	5.53E-01
150	APOE	348	19	45404039	45417650	3.30E-05	Lung	COPD	-0.8654	3.87E-01	6.36E-01
150	APOE	348	19	45404039	45417650	3.30E-05	blood	IPF	-1.0359	3.00E-01	5.53E-01
150	APOE	348	19	45404039	45417650	3.30E-05	Lung	IPF	-1.1326	2.57E-01	5.13E-01
150	APOE	348	19	45404039	45417650	3.30E-05	blood	LungCancer	-1.0359	3.00E-01	5.53E-01
150	APOE	348	19	45404039	45417650	3.30E-05	Lung	LungCancer	-0.9413	3.47E-01	6.06E-01
150	APOE	348	19	45404039	45417650	3.30E-05	blood	Snoring	-1.0359	3.00E-01	5.53E-01
150	APOE	348	19	45404039	45417650	3.30E-05	Lung	Snoring	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	blood	Asthma	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	Lung	Asthma	-0.8562	3.92E-01	6.41E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	blood	COPD	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	Lung	COPD	-0.8654	3.87E-01	6.36E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	blood	IPF	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	Lung	IPF	-1.1326	2.57E-01	5.13E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	blood	LungCancer	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	Lung	LungCancer	-0.9413	3.47E-01	6.06E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	blood	Snoring	-1.0359	3.00E-01	5.53E-01
150	APOC1	341	19	45412577	45427606	1.91E-06	Lung	Snoring	-1.0359	3.00E-01	5.53E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	blood	Asthma	0.9134	3.61E-01	6.15E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	Lung	Asthma	5.2535	1.49E-07	2.96E-06
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	blood	COPD	0.9134	3.61E-01	6.15E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	Lung	COPD	4.1852	2.85E-05	3.51E-04
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	blood	IPF	0.9134	3.61E-01	6.15E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	Lung	IPF	1.0402	2.98E-01	5.53E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	blood	LungCancer	0.9134	3.61E-01	6.15E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	Lung	LungCancer	0.9915	3.21E-01	5.79E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	blood	Snoring	0.9134	3.61E-01	6.15E-01
154	ZBTB46	140685	20	62370021	62468731	2.88E-08	Lung	Snoring	0.9134	3.61E-01	6.15E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	blood	Asthma	-0.2715	7.86E-01	9.29E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	Lung	Asthma	-0.1838	8.54E-01	9.55E-01



154	HELZ2	85441	20	62184439	62210592	5.17E-09	blood	COPD	-0.2715	7.86E-01	9.29E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	Lung	COPD	0.9463	3.44E-01	6.04E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	blood	IPF	-0.2715	7.86E-01	9.29E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	Lung	IPF	-0.2451	8.06E-01	9.35E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	blood	LungCancer	-0.2715	7.86E-01	9.29E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	Lung	LungCancer	-2.4342	1.49E-02	7.38E-02
154	HELZ2	85441	20	62184439	62210592	5.17E-09	blood	Snoring	-0.2715	7.86E-01	9.29E-01
154	HELZ2	85441	20	62184439	62210592	5.17E-09	Lung	Snoring	-0.2715	7.86E-01	9.29E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	blood	Asthma	-1.4515	1.47E-01	3.71E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	Lung	Asthma	1.7804	7.50E-02	2.33E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	blood	COPD	-1.4515	1.47E-01	3.71E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	Lung	COPD	-0.5330	5.94E-01	8.00E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	blood	IPF	-1.4515	1.47E-01	3.71E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	Lung	IPF	0.9667	3.34E-01	5.89E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	blood	LungCancer	-1.4515	1.47E-01	3.71E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	Lung	LungCancer	0.1495	8.81E-01	9.56E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	blood	Snoring	-1.4515	1.47E-01	3.71E-01
148	SLC7A10	56301	19	33694570	33721756	5.14E-05	Lung	Snoring	-1.4515	1.47E-01	3.71E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	blood	Asthma	-0.3827	7.02E-01	8.81E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	Lung	Asthma	4.7376	2.16E-06	3.38E-05
109	C12orf65	91574	12	123712844	123747651	1.17E-09	blood	COPD	-0.3827	7.02E-01	8.81E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	Lung	COPD	0.2354	8.14E-01	9.40E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	blood	IPF	-0.3827	7.02E-01	8.81E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	Lung	IPF	0.6724	5.01E-01	7.42E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	blood	LungCancer	-0.3827	7.02E-01	8.81E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	Lung	LungCancer	0.5667	5.71E-01	7.87E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	blood	Snoring	-0.3827	7.02E-01	8.81E-01
109	C12orf65	91574	12	123712844	123747651	1.17E-09	Lung	Snoring	-0.3827	7.02E-01	8.81E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	blood	Asthma	1.0950	2.74E-01	5.26E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	Lung	Asthma	7.7500	9.20E-15	9.75E-13
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	blood	COPD	1.0950	2.74E-01	5.26E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	Lung	COPD	2.9140	3.57E-03	2.17E-02
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	blood	IPF	1.0950	2.74E-01	5.26E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	Lung	IPF	-0.5337	5.94E-01	8.00E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	blood	LungCancer	1.0950	2.74E-01	5.26E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	Lung	LungCancer	-2.6069	9.14E-03	4.96E-02
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	blood	Snoring	1.0950	2.74E-01	5.26E-01
49	PDLIM4	8572	5	131588351	131614147	4.82E-14	Lung	Snoring	1.0950	2.74E-01	5.26E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	blood	Asthma	-0.6034	5.46E-01	7.64E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	Lung	Asthma	-8.0200	1.05E-15	1.24E-13
49	KIF3A	11127	5	132023323	132078265	3.18E-13	blood	COPD	-0.6034	5.46E-01	7.64E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	Lung	COPD	-2.8982	3.75E-03	2.24E-02
49	KIF3A	11127	5	132023323	132078265	3.18E-13	blood	IPF	-0.6034	5.46E-01	7.64E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	Lung	IPF	0.2343	8.15E-01	9.40E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	blood	LungCancer	-0.6034	5.46E-01	7.64E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	Lung	LungCancer	1.7720	7.64E-02	2.36E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	blood	Snoring	-0.6034	5.46E-01	7.64E-01
49	KIF3A	11127	5	132023323	132078265	3.18E-13	Lung	Snoring	-0.6034	5.46E-01	7.64E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	blood	Asthma	-0.7203	4.71E-01	7.16E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	Lung	Asthma	-1.2800	2.00E-01	4.39E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	blood	COPD	-0.7203	4.71E-01	7.16E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	Lung	COPD	-1.0359	3.00E-01	5.53E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	blood	IPF	-0.7203	4.71E-01	7.16E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	Lung	IPF	-0.8968	3.70E-01	6.23E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	blood	LungCancer	-0.7203	4.71E-01	7.16E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	Lung	LungCancer	0.2786	7.81E-01	9.29E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	blood	Snoring	-0.7203	4.71E-01	7.16E-01
51	NDFIP1	80762	5	141483324	141539008	5.00E-10	Lung	Snoring	-0.7203	4.71E-01	7.16E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	blood	Asthma	0.4088	6.83E-01	8.64E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	Lung	Asthma	-6.0264	1.68E-09	9.53E-08
137	STARD3	10948	17	37788333	37825454	3.36E-08	blood	COPD	0.4088	6.83E-01	8.64E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	Lung	COPD	-1.0860	2.77E-01	5.29E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	blood	IPF	0.4088	6.83E-01	8.64E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	Lung	IPF	-0.4381	6.61E-01	8.49E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	blood	LungCancer	0.4088	6.83E-01	8.64E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	Lung	LungCancer	-0.0792	9.37E-01	9.77E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	blood	Snoring	0.4088	6.83E-01	8.64E-01
137	STARD3	10948	17	37788333	37825454	3.36E-08	Lung	Snoring	0.4088	6.83E-01	8.64E-01
137	PPP1R1B	84152	17	37778177	37797878	2.69E-05	blood	Asthma	0.6954	4.87E-01	7.30E-01
137	PPP1R1B	84152	17	37778177	37797878	2.69E-05	Lung	Asthma	-10.9172	9.54E-28	3.03E-25
137	PPP1R1B	84152	17	37778177	37797878	2.69E-05	blood	COPD	0.6954	4.87E-01	7.30E-01
137	PPP1R1B	84152	17	37778177	37797878	2.69E-05	Lung	COPD	-4.0857	4.39E-05	4.91E-04
137	PPP1R1B	84152	17	37778177	37797878	2.69E-05	blood	IPF	0.6954	4.87E-01	7.30E-01

137	PPPIR1B	84152	17	37778177	37797878	2.69E-05	Lung	IPF	-1.7282	8.40E-02	2.54E-01
137	PPPIR1B	84152	17	37778177	37797878	2.69E-05	blood	LungCancer	0.6954	4.87E-01	7.30E-01
137	PPPIR1B	84152	17	37778177	37797878	2.69E-05	Lung	LungCancer	0.7777	4.37E-01	6.90E-01
137	PPPIR1B	84152	17	37778177	37797878	2.69E-05	blood	Snoring	0.6954	4.87E-01	7.30E-01
137	PPPIR1B	84152	17	37778177	37797878	2.69E-05	Lung	Snoring	0.6954	4.87E-01	7.30E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	blood	Asthma	0.7592	4.48E-01	6.96E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	Lung	Asthma	4.0181	5.87E-05	6.20E-04
111	COG6	57511	13	40224764	40370802	8.21E-07	blood	COPD	0.7592	4.48E-01	6.96E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	Lung	COPD	0.0622	9.50E-01	9.84E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	blood	IPF	0.7592	4.48E-01	6.96E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	Lung	IPF	0.6736	5.01E-01	7.42E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	blood	LungCancer	0.7592	4.48E-01	6.96E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	Lung	LungCancer	-1.6690	9.51E-02	2.79E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	blood	Snoring	0.7592	4.48E-01	6.96E-01
111	COG6	57511	13	40224764	40370802	8.21E-07	Lung	Snoring	0.7592	4.48E-01	6.96E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	blood	Asthma	1.8453	6.50E-02	2.15E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	Lung	Asthma	-6.2675	3.67E-10	2.54E-08
96	FADS2	9415	11	61578675	61639826	1.34E-11	blood	COPD	1.8453	6.50E-02	2.15E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	Lung	COPD	-2.3583	1.84E-02	8.77E-02
96	FADS2	9415	11	61578675	61639826	1.34E-11	blood	IPF	1.8453	6.50E-02	2.15E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	Lung	IPF	-2.2000	2.82E-02	1.23E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	blood	LungCancer	1.8453	6.50E-02	2.15E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	Lung	LungCancer	1.0695	2.85E-01	5.40E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	blood	Snoring	1.8453	6.50E-02	2.15E-01
96	FADS2	9415	11	61578675	61639826	1.34E-11	Lung	Snoring	1.8453	6.50E-02	2.15E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	blood	Asthma	1.1265	2.60E-01	5.16E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	Lung	Asthma	-7.0288	2.08E-12	1.79E-10
96	TMEM258	746	11	61551602	61565085	5.34E-13	blood	COPD	1.1265	2.60E-01	5.16E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	Lung	COPD	-2.1724	2.98E-02	1.28E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	blood	IPF	1.1265	2.60E-01	5.16E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	Lung	IPF	-1.0500	2.93E-01	5.48E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	blood	LungCancer	1.1265	2.60E-01	5.16E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	Lung	LungCancer	-3.1599	1.58E-03	1.07E-02
96	TMEM258	746	11	61551602	61565085	5.34E-13	blood	Snoring	1.1265	2.60E-01	5.16E-01
96	TMEM258	746	11	61551602	61565085	5.34E-13	Lung	Snoring	1.1265	2.60E-01	5.16E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	blood	Asthma	-0.3030	7.62E-01	9.20E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	Lung	Asthma	-8.4123	4.02E-17	5.32E-15
115	UBAC2	337867	13	99847679	100043753	1.67E-14	blood	COPD	-0.3030	7.62E-01	9.20E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	Lung	COPD	-3.4942	4.76E-04	3.97E-03
115	UBAC2	337867	13	99847679	100043753	1.67E-14	blood	IPF	-0.3030	7.62E-01	9.20E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	Lung	IPF	-0.6462	5.18E-01	7.53E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	blood	LungCancer	-0.3030	7.62E-01	9.20E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	Lung	LungCancer	-2.0955	3.61E-02	1.44E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	blood	Snoring	-0.3030	7.62E-01	9.20E-01
115	UBAC2	337867	13	99847679	100043753	1.67E-14	Lung	Snoring	-0.3030	7.62E-01	9.20E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	blood	Asthma	1.4683	1.42E-01	3.63E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	Lung	Asthma	-8.6700	4.27E-18	6.46E-16
47	WDR36	134430	5	110422870	110471200	3.73E-13	blood	COPD	1.4683	1.42E-01	3.63E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	Lung	COPD	-2.5276	1.15E-02	5.96E-02
47	WDR36	134430	5	110422870	110471200	3.73E-13	blood	IPF	1.4683	1.42E-01	3.63E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	Lung	IPF	1.4467	1.48E-01	3.73E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	blood	LungCancer	1.4683	1.42E-01	3.63E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	Lung	LungCancer	0.0215	9.83E-01	9.93E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	blood	Snoring	1.4683	1.42E-01	3.63E-01
47	WDR36	134430	5	110422870	110471200	3.73E-13	Lung	Snoring	1.4683	1.42E-01	3.63E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	blood	Asthma	-0.8784	3.80E-01	6.29E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	Lung	Asthma	-2.5000	1.24E-02	6.38E-02
64	AHI1	54806	6	135599670	135823903	1.44E-06	blood	COPD	-0.8784	3.80E-01	6.29E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	Lung	COPD	-0.5335	5.94E-01	8.00E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	blood	IPF	-0.8784	3.80E-01	6.29E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	Lung	IPF	-1.8767	6.06E-02	2.05E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	blood	LungCancer	-0.8784	3.80E-01	6.29E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	Lung	LungCancer	0.0176	9.86E-01	9.93E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	blood	Snoring	-0.8784	3.80E-01	6.29E-01
64	AHI1	54806	6	135599670	135823903	1.44E-06	Lung	Snoring	-0.8784	3.80E-01	6.29E-01
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	blood	Asthma	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	Lung	Asthma	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	blood	COPD	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	Lung	COPD	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	blood	IPF	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	Lung	IPF	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	blood	LungCancer	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	Lung	LungCancer	NA	NA	NA

108	PLXNC1	10154	12	94537499	94706451	1.87E-09	blood	Snoring	NA	NA	NA
108	PLXNC1	10154	12	94537499	94706451	1.87E-09	Lung	Snoring	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	blood	Asthma	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	Lung	Asthma	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	blood	COPD	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	Lung	COPD	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	blood	IPF	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	Lung	IPF	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	blood	LungCancer	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	Lung	LungCancer	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	blood	Snoring	NA	NA	NA
69	IL6	3569	7	22761766	22776621	3.10E-11	Lung	Snoring	NA	NA	NA
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	blood	Asthma	0.5476	5.84E-01	7.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	Lung	Asthma	-1.1130	2.66E-01	5.17E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	blood	COPD	0.5476	5.84E-01	7.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	Lung	COPD	0.9381	3.48E-01	6.07E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	blood	IPF	0.5476	5.84E-01	7.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	Lung	IPF	-0.9593	3.37E-01	5.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	blood	LungCancer	0.5476	5.84E-01	7.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	Lung	LungCancer	-0.1260	9.00E-01	9.64E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	blood	Snoring	0.5476	5.84E-01	7.94E-01
127	ADAMTS7	11173	15	79046545	79108805	2.16E-15	Lung	Snoring	0.5476	5.84E-01	7.94E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	blood	Asthma	0.1000	9.20E-01	9.68E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	Lung	Asthma	-1.9077	5.64E-02	1.97E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	blood	COPD	0.1000	9.20E-01	9.68E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	Lung	COPD	-12.4472	1.45E-35	7.68E-33
127	IREB2	3658	15	78725518	78798798	2.78E-08	blood	IPF	0.1000	9.20E-01	9.68E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	Lung	IPF	-1.5072	1.32E-01	3.46E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	blood	LungCancer	0.1000	9.20E-01	9.68E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	Lung	LungCancer	-16.4000	2.17E-60	2.30E-57
127	IREB2	3658	15	78725518	78798798	2.78E-08	blood	Snoring	0.1000	9.20E-01	9.68E-01
127	IREB2	3658	15	78725518	78798798	2.78E-08	Lung	Snoring	0.1000	9.20E-01	9.68E-01
76	BLK	640	8	11346521	11427108	1.64E-05	blood	Asthma	-1.2805	2.00E-01	4.39E-01
76	BLK	640	8	11346521	11427108	1.64E-05	Lung	Asthma	-3.2574	1.12E-03	8.34E-03
76	BLK	640	8	11346521	11427108	1.64E-05	blood	COPD	-1.2805	2.00E-01	4.39E-01
76	BLK	640	8	11346521	11427108	1.64E-05	Lung	COPD	-2.5720	1.01E-02	5.30E-02
76	BLK	640	8	11346521	11427108	1.64E-05	blood	IPF	-1.2805	2.00E-01	4.39E-01
76	BLK	640	8	11346521	11427108	1.64E-05	Lung	IPF	-1.1478	2.51E-01	5.03E-01
76	BLK	640	8	11346521	11427108	1.64E-05	blood	LungCancer	-1.2805	2.00E-01	4.39E-01
76	BLK	640	8	11346521	11427108	1.64E-05	Lung	LungCancer	-1.0729	2.83E-01	5.38E-01
76	BLK	640	8	11346521	11427108	1.64E-05	blood	Snoring	-1.2805	2.00E-01	4.39E-01
76	BLK	640	8	11346521	11427108	1.64E-05	Lung	Snoring	-1.2805	2.00E-01	4.39E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	blood	Asthma	-1.9200	5.49E-02	1.94E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	Lung	Asthma	-4.9043	9.38E-07	1.57E-05
87	PSMB7	5695	9	127110744	127182752	3.21E-06	blood	COPD	-1.9200	5.49E-02	1.94E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	Lung	COPD	-2.0309	4.23E-02	1.62E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	blood	IPF	-1.9200	5.49E-02	1.94E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	Lung	IPF	-1.1456	2.52E-01	5.04E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	blood	LungCancer	-1.9200	5.49E-02	1.94E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	Lung	LungCancer	-0.4610	6.45E-01	8.40E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	blood	Snoring	-1.9200	5.49E-02	1.94E-01
87	PSMB7	5695	9	127110744	127182752	3.21E-06	Lung	Snoring	-1.9200	5.49E-02	1.94E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	blood	Asthma	-0.5540	5.80E-01	7.92E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	Lung	Asthma	1.7267	8.42E-02	2.54E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	blood	COPD	-0.5540	5.80E-01	7.92E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	Lung	COPD	1.4248	1.54E-01	3.82E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	blood	IPF	-0.5540	5.80E-01	7.92E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	Lung	IPF	-0.9328	3.51E-01	6.08E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	blood	LungCancer	-0.5540	5.80E-01	7.92E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	Lung	LungCancer	0.2576	7.97E-01	9.32E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	blood	Snoring	-0.5540	5.80E-01	7.92E-01
84	IL33	90865	9	6210149	6262983	8.42E-06	Lung	Snoring	-0.5540	5.80E-01	7.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	blood	Asthma	0.0301	9.76E-01	9.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	Lung	Asthma	-2.3104	2.09E-02	9.57E-02
86	IL11RA	3590	9	34647182	34666899	5.29E-05	blood	COPD	0.0301	9.76E-01	9.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	Lung	COPD	-2.4005	1.64E-02	7.92E-02
86	IL11RA	3590	9	34647182	34666899	5.29E-05	blood	IPF	0.0301	9.76E-01	9.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	Lung	IPF	-1.0590	2.90E-01	5.46E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	blood	LungCancer	0.0301	9.76E-01	9.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	Lung	LungCancer	1.1151	2.65E-01	5.17E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	blood	Snoring	0.0301	9.76E-01	9.92E-01
86	IL11RA	3590	9	34647182	34666899	5.29E-05	Lung	Snoring	0.0301	9.76E-01	9.92E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	blood	Asthma	-0.1820	8.55E-01	9.55E-01

86	DCTN3	11258	9	34608542	34625520	2.37E-05	Lung	Asthma	1.3136	1.89E-01	4.25E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	blood	COPD	-0.1820	8.55E-01	9.55E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	Lung	COPD	0.1000	9.20E-01	9.68E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	blood	IPF	-0.1820	8.55E-01	9.55E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	Lung	IPF	-0.1928	8.47E-01	9.54E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	blood	LungCancer	-0.1820	8.55E-01	9.55E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	Lung	LungCancer	-1.5035	1.33E-01	3.48E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	blood	Snoring	-0.1820	8.55E-01	9.55E-01
86	DCTN3	11258	9	34608542	34625520	2.37E-05	Lung	Snoring	-0.1820	8.55E-01	9.55E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	blood	Asthma	-0.5414	5.88E-01	7.95E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	Lung	Asthma	-1.1157	2.65E-01	5.17E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	blood	COPD	-0.5414	5.88E-01	7.95E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	Lung	COPD	-0.9292	3.53E-01	6.08E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	blood	IPF	-0.5414	5.88E-01	7.95E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	Lung	IPF	-1.1675	2.43E-01	4.90E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	blood	LungCancer	-0.5414	5.88E-01	7.95E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	Lung	LungCancer	-0.0014	9.99E-01	9.99E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	blood	Snoring	-0.5414	5.88E-01	7.95E-01
58	ZSCAN9	7746	6	28188029	28206265	3.31E-09	Lung	Snoring	-0.5414	5.88E-01	7.95E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	blood	Asthma	1.2418	2.14E-01	4.56E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	Lung	Asthma	-0.1750	8.61E-01	9.55E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	blood	COPD	1.2418	2.14E-01	4.56E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	Lung	COPD	1.2821	2.00E-01	4.39E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	blood	IPF	1.2418	2.14E-01	4.56E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	Lung	IPF	-0.5675	5.70E-01	7.87E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	blood	LungCancer	1.2418	2.14E-01	4.56E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	Lung	LungCancer	-0.6619	5.08E-01	7.46E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	blood	Snoring	1.2418	2.14E-01	4.56E-01
58	PGBD1	84547	6	28244314	28275326	8.66E-07	Lung	Snoring	1.2418	2.14E-01	4.56E-01
98	LRRC32	2615	11	76363568	76386990	8.52E-07	blood	Asthma	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	Lung	Asthma	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	blood	COPD	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	Lung	COPD	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	blood	IPF	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	Lung	IPF	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	blood	LungCancer	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	Lung	LungCancer	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	blood	Snoring	NA	NA	NA
98	LRRC32	2615	11	76363568	76386990	8.52E-07	Lung	Snoring	NA	NA	NA
36	FAM13A	10144	4	89642105	90037549	1.30E-09	blood	Asthma	1.0921	2.75E-01	5.26E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	Lung	Asthma	0.3443	7.31E-01	8.98E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	blood	COPD	1.0921	2.75E-01	5.26E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	Lung	COPD	2.5740	1.01E-02	5.30E-02
36	FAM13A	10144	4	89642105	90037549	1.30E-09	blood	IPF	1.0921	2.75E-01	5.26E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	Lung	IPF	-2.0584	3.96E-02	1.55E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	blood	LungCancer	1.0921	2.75E-01	5.26E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	Lung	LungCancer	-0.9441	3.45E-01	6.05E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	blood	Snoring	1.0921	2.75E-01	5.26E-01
36	FAM13A	10144	4	89642105	90037549	1.30E-09	Lung	Snoring	1.0921	2.75E-01	5.26E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	blood	Asthma	0.0113	9.91E-01	9.94E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	Lung	Asthma	3.2151	1.30E-03	9.22E-03
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	blood	COPD	0.0113	9.91E-01	9.94E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	Lung	COPD	1.3700	1.71E-01	4.04E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	blood	IPF	0.0113	9.91E-01	9.94E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	Lung	IPF	1.2387	2.15E-01	4.56E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	blood	LungCancer	0.0113	9.91E-01	9.94E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	Lung	LungCancer	0.3768	7.06E-01	8.84E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	blood	Snoring	0.0113	9.91E-01	9.94E-01
39	KIAA1109	84162	4	123068488	123288914	2.10E-10	Lung	Snoring	0.0113	9.91E-01	9.94E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	blood	Asthma	0.4466	6.55E-01	8.44E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	Lung	Asthma	-3.2757	1.05E-03	7.98E-03
38	GSTCD	79807	4	106624935	106773882	2.99E-05	blood	COPD	0.4466	6.55E-01	8.44E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	Lung	COPD	-1.9231	5.45E-02	1.94E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	blood	IPF	0.4466	6.55E-01	8.44E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	Lung	IPF	0.9326	3.51E-01	6.08E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	blood	LungCancer	0.4466	6.55E-01	8.44E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	Lung	LungCancer	-0.3779	7.06E-01	8.84E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	blood	Snoring	0.4466	6.55E-01	8.44E-01
38	GSTCD	79807	4	106624935	106773882	2.99E-05	Lung	Snoring	0.4466	6.55E-01	8.44E-01
104	SUOX	6821	12	56386043	56404309	2.40E-14	blood	Asthma	3.5595	3.72E-04	3.14E-03
104	SUOX	6821	12	56386043	56404309	2.40E-14	Lung	Asthma	-6.7670	1.31E-11	1.07E-09
104	SUOX	6821	12	56386043	56404309	2.40E-14	blood	COPD	3.5595	3.72E-04	3.14E-03
104	SUOX	6821	12	56386043	56404309	2.40E-14	Lung	COPD	-0.7172	4.73E-01	7.18E-01

104	SUOX	6821	12	56386043	56404309	2.40E-14	blood	IPF	3.5595	3.72E-04	3.14E-03
104	SUOX	6821	12	56386043	56404309	2.40E-14	Lung	IPF	-0.3802	7.04E-01	8.84E-01
104	SUOX	6821	12	56386043	56404309	2.40E-14	blood	LungCancer	3.5595	3.72E-04	3.14E-03
104	SUOX	6821	12	56386043	56404309	2.40E-14	Lung	LungCancer	2.4094	1.60E-02	7.77E-02
104	SUOX	6821	12	56386043	56404309	2.40E-14	blood	Snoring	3.5595	3.72E-04	3.14E-03
104	SUOX	6821	12	56386043	56404309	2.40E-14	Lung	Snoring	3.5595	3.72E-04	3.14E-03
105	RDH16	8608	12	57340215	57358158	8.51E-10	blood	Asthma	1.9599	5.00E-02	1.81E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	Lung	Asthma	6.3106	2.78E-10	2.01E-08
105	RDH16	8608	12	57340215	57358158	8.51E-10	blood	COPD	1.9599	5.00E-02	1.81E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	Lung	COPD	-0.9288	3.53E-01	6.08E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	blood	IPF	1.9599	5.00E-02	1.81E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	Lung	IPF	0.1132	9.10E-01	9.66E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	blood	LungCancer	1.9599	5.00E-02	1.81E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	Lung	LungCancer	-1.0687	2.85E-01	5.40E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	blood	Snoring	1.9599	5.00E-02	1.81E-01
105	RDH16	8608	12	57340215	57358158	8.51E-10	Lung	Snoring	1.9599	5.00E-02	1.81E-01
126	SCAPER	49855	15	76635526	77202796	5.04E-07	blood	Asthma	-3.9970	6.42E-05	6.48E-04
126	SCAPER	49855	15	76635526	77202796	5.04E-07	Lung	Asthma	3.8383	1.24E-04	1.11E-03
126	SCAPER	49855	15	76635526	77202796	5.04E-07	blood	COPD	-3.9970	6.42E-05	6.48E-04
126	SCAPER	49855	15	76635526	77202796	5.04E-07	Lung	COPD	2.8743	4.05E-03	2.41E-02
126	SCAPER	49855	15	76635526	77202796	5.04E-07	blood	IPF	-3.9970	6.42E-05	6.48E-04
126	SCAPER	49855	15	76635526	77202796	5.04E-07	Lung	IPF	1.3527	1.76E-01	4.12E-01
126	SCAPER	49855	15	76635526	77202796	5.04E-07	blood	LungCancer	-3.9970	6.42E-05	6.48E-04
126	SCAPER	49855	15	76635526	77202796	5.04E-07	Lung	LungCancer	0.0699	9.44E-01	9.80E-01
126	SCAPER	49855	15	76635526	77202796	5.04E-07	blood	Snoring	-3.9970	6.42E-05	6.48E-04
126	SCAPER	49855	15	76635526	77202796	5.04E-07	Lung	Snoring	-3.9970	6.42E-05	6.48E-04
132	FTO	79068	16	53732875	54153379	2.82E-11	blood	Asthma	1.3352	1.82E-01	4.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	Lung	Asthma	-0.2986	7.65E-01	9.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	blood	COPD	1.3352	1.82E-01	4.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	Lung	COPD	1.0072	3.14E-01	5.70E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	blood	IPF	1.3352	1.82E-01	4.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	Lung	IPF	-0.7730	4.40E-01	6.91E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	blood	LungCancer	1.3352	1.82E-01	4.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	Lung	LungCancer	0.3670	7.13E-01	8.90E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	blood	Snoring	1.3352	1.82E-01	4.21E-01
132	FTO	79068	16	53732875	54153379	2.82E-11	Lung	Snoring	1.3352	1.82E-01	4.21E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	blood	Asthma	0.2532	8.00E-01	9.32E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	Lung	Asthma	-6.2886	3.20E-10	2.26E-08
136	NCOR1	9611	17	15928408	16123874	1.66E-09	blood	COPD	0.2532	8.00E-01	9.32E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	Lung	COPD	-1.9796	4.78E-02	1.79E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	blood	IPF	0.2532	8.00E-01	9.32E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	Lung	IPF	-3.2697	1.08E-03	8.13E-03
136	NCOR1	9611	17	15928408	16123874	1.66E-09	blood	LungCancer	0.2532	8.00E-01	9.32E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	Lung	LungCancer	-0.5168	6.05E-01	8.10E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	blood	Snoring	0.2532	8.00E-01	9.32E-01
136	NCOR1	9611	17	15928408	16123874	1.66E-09	Lung	Snoring	0.2532	8.00E-01	9.32E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	blood	Asthma	1.4420	1.49E-01	3.73E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	Lung	Asthma	0.6108	5.41E-01	7.62E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	blood	COPD	1.4420	1.49E-01	3.73E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	Lung	COPD	-0.6317	5.28E-01	7.55E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	blood	IPF	1.4420	1.49E-01	3.73E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	Lung	IPF	-1.0067	3.14E-01	5.70E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	blood	LungCancer	1.4420	1.49E-01	3.73E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	Lung	LungCancer	-1.0198	3.08E-01	5.63E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	blood	Snoring	1.4420	1.49E-01	3.73E-01
134	SGSM2	9905	17	2235806	2289353	1.26E-07	Lung	Snoring	1.4420	1.49E-01	3.73E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	blood	Asthma	1.7800	7.51E-02	2.33E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	Lung	Asthma	2.1067	3.51E-02	1.42E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	blood	COPD	1.7800	7.51E-02	2.33E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	Lung	COPD	-1.1698	2.42E-01	4.89E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	blood	IPF	1.7800	7.51E-02	2.33E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	Lung	IPF	-0.2540	7.99E-01	9.32E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	blood	LungCancer	1.7800	7.51E-02	2.33E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	Lung	LungCancer	0.9307	3.52E-01	6.08E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	blood	Snoring	1.7800	7.51E-02	2.33E-01
139	SKAP1	8631	17	46205802	46512596	2.46E-08	Lung	Snoring	1.7800	7.51E-02	2.33E-01
139	SCRN2	90507	17	45910047	45923699	3.53E-05	blood	Asthma	3.1876	1.43E-03	9.82E-03
139	SCRN2	90507	17	45910047	45923699	3.53E-05	Lung	Asthma	-3.1958	1.39E-03	9.75E-03
139	SCRN2	90507	17	45910047	45923699	3.53E-05	blood	COPD	3.1876	1.43E-03	9.82E-03
139	SCRN2	90507	17	45910047	45923699	3.53E-05	Lung	COPD	-0.7580	4.48E-01	6.96E-01
139	SCRN2	90507	17	45910047	45923699	3.53E-05	blood	IPF	3.1876	1.43E-03	9.82E-03
139	SCRN2	90507	17	45910047	45923699	3.53E-05	Lung	IPF	-0.5869	5.57E-01	7.76E-01
139	SCRN2	90507	17	45910047	45923699	3.53E-05	blood	LungCancer	3.1876	1.43E-03	9.82E-03



139	SCRN2	90507	17	45910047	45923699	3.53E-05	Lung	LungCancer	1.3458	1.78E-01	4.16E-01
139	SCRN2	90507	17	45910047	45923699	3.53E-05	blood	Snoring	3.1876	1.43E-03	9.82E-03
139	SCRN2	90507	17	45910047	45923699	3.53E-05	Lung	Snoring	3.1876	1.43E-03	9.82E-03
135	SAT2	112483	17	7524552	7536194	3.30E-05	blood	Asthma	-2.1468	3.18E-02	1.32E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	Lung	Asthma	-1.2294	2.19E-01	4.58E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	blood	COPD	-2.1468	3.18E-02	1.32E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	Lung	COPD	-2.1107	3.48E-02	1.42E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	blood	IPF	-2.1468	3.18E-02	1.32E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	Lung	IPF	-0.2365	8.13E-01	9.39E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	blood	LungCancer	-2.1468	3.18E-02	1.32E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	Lung	LungCancer	1.1761	2.40E-01	4.86E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	blood	Snoring	-2.1468	3.18E-02	1.32E-01
135	SAT2	112483	17	7524552	7536194	3.30E-05	Lung	Snoring	-2.1468	3.18E-02	1.32E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	blood	Asthma	1.2404	2.15E-01	4.56E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	Lung	Asthma	2.8263	4.71E-03	2.78E-02
137	MIEN1	84299	17	37880409	37891792	3.80E-05	blood	COPD	1.2404	2.15E-01	4.56E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	Lung	COPD	0.7557	4.50E-01	6.98E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	blood	IPF	1.2404	2.15E-01	4.56E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	Lung	IPF	0.5117	6.09E-01	8.14E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	blood	LungCancer	1.2404	2.15E-01	4.56E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	Lung	LungCancer	-0.9635	3.35E-01	5.91E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	blood	Snoring	1.2404	2.15E-01	4.56E-01
137	MIEN1	84299	17	37880409	37891792	3.80E-05	Lung	Snoring	1.2404	2.15E-01	4.56E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	blood	Asthma	0.1327	8.94E-01	9.62E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	Lung	Asthma	12.8084	1.47E-37	9.34E-35
137	PNMT	5409	17	37819234	37831728	8.34E-08	blood	COPD	0.1327	8.94E-01	9.62E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	Lung	COPD	3.4788	5.04E-04	4.19E-03
137	PNMT	5409	17	37819234	37831728	8.34E-08	blood	IPF	0.1327	8.94E-01	9.62E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	Lung	IPF	0.9537	3.40E-01	5.98E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	blood	LungCancer	0.1327	8.94E-01	9.62E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	Lung	LungCancer	-1.2136	2.25E-01	4.67E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	blood	Snoring	0.1327	8.94E-01	9.62E-01
137	PNMT	5409	17	37819234	37831728	8.34E-08	Lung	Snoring	0.1327	8.94E-01	9.62E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	blood	Asthma	-1.1143	2.65E-01	5.17E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	Lung	Asthma	4.3934	1.12E-05	1.42E-04
2	PEX14	5195	1	10530003	10695815	1.36E-05	blood	COPD	-1.1143	2.65E-01	5.17E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	Lung	COPD	1.0643	2.87E-01	5.43E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	blood	IPF	-1.1143	2.65E-01	5.17E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	Lung	IPF	-0.2972	7.66E-01	9.22E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	blood	LungCancer	-1.1143	2.65E-01	5.17E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	Lung	LungCancer	-2.0528	4.01E-02	1.57E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	blood	Snoring	-1.1143	2.65E-01	5.17E-01
2	PEX14	5195	1	10530003	10695815	1.36E-05	Lung	Snoring	-1.1143	2.65E-01	5.17E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	blood	Asthma	-1.9656	4.93E-02	1.81E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	Lung	Asthma	3.9170	8.97E-05	8.77E-04
15	WDPCP	51057	2	63343518	63820867	8.66E-11	blood	COPD	-1.9656	4.93E-02	1.81E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	Lung	COPD	-2.2253	2.61E-02	1.14E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	blood	IPF	-1.9656	4.93E-02	1.81E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	Lung	IPF	2.2638	2.36E-02	1.05E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	blood	LungCancer	-1.9656	4.93E-02	1.81E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	Lung	LungCancer	-0.6650	5.06E-01	7.44E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	blood	Snoring	-1.9656	4.93E-02	1.81E-01
15	WDPCP	51057	2	63343518	63820867	8.66E-11	Lung	Snoring	-1.9656	4.93E-02	1.81E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	blood	Asthma	0.6325	5.27E-01	7.55E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	Lung	Asthma	-5.5684	2.57E-08	6.69E-07
31	LPP	4026	3	187866097	188613460	8.49E-23	blood	COPD	0.6325	5.27E-01	7.55E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	Lung	COPD	-1.1810	2.38E-01	4.85E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	blood	IPF	0.6325	5.27E-01	7.55E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	Lung	IPF	-1.2242	2.21E-01	4.61E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	blood	LungCancer	0.6325	5.27E-01	7.55E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	Lung	LungCancer	1.2398	2.15E-01	4.56E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	blood	Snoring	0.6325	5.27E-01	7.55E-01
31	LPP	4026	3	187866097	188613460	8.49E-23	Lung	Snoring	0.6325	5.27E-01	7.55E-01
25	AMT	275	3	49449211	49465111	3.50E-06	blood	Asthma	-3.8807	1.04E-04	9.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	Lung	Asthma	0.4314	6.66E-01	8.54E-01
25	AMT	275	3	49449211	49465111	3.50E-06	blood	COPD	-3.8807	1.04E-04	9.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	Lung	COPD	-4.1044	4.05E-05	4.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	blood	IPF	-3.8807	1.04E-04	9.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	Lung	IPF	0.9303	3.52E-01	6.08E-01
25	AMT	275	3	49449211	49465111	3.50E-06	blood	LungCancer	-3.8807	1.04E-04	9.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	Lung	LungCancer	-2.6492	8.07E-03	4.41E-02
25	AMT	275	3	49449211	49465111	3.50E-06	blood	Snoring	-3.8807	1.04E-04	9.64E-04
25	AMT	275	3	49449211	49465111	3.50E-06	Lung	Snoring	-3.8807	1.04E-04	9.64E-04

25	TCTA	6988	3	49444639	49458909	4.71E-06	blood	Asthma	-3.9781	6.95E-05	6.86E-04
25	TCTA	6988	3	49444639	49458909	4.71E-06	Lung	Asthma	-0.1648	8.69E-01	9.56E-01
25	TCTA	6988	3	49444639	49458909	4.71E-06	blood	COPD	-3.9781	6.95E-05	6.86E-04
25	TCTA	6988	3	49444639	49458909	4.71E-06	Lung	COPD	-4.7632	1.91E-06	3.02E-05
25	TCTA	6988	3	49444639	49458909	4.71E-06	blood	IPF	-3.9781	6.95E-05	6.86E-04
25	TCTA	6988	3	49444639	49458909	4.71E-06	Lung	IPF	0.5710	5.68E-01	7.86E-01
25	TCTA	6988	3	49444639	49458909	4.71E-06	blood	LungCancer	-3.9781	6.95E-05	6.86E-04
25	TCTA	6988	3	49444639	49458909	4.71E-06	Lung	LungCancer	-2.5790	9.91E-03	5.23E-02
25	TCTA	6988	3	49444639	49458909	4.71E-06	blood	Snoring	-3.9781	6.95E-05	6.86E-04
25	TCTA	6988	3	49444639	49458909	4.71E-06	Lung	Snoring	-3.9781	6.95E-05	6.86E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	blood	Asthma	-4.0684	4.73E-05	5.15E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	Lung	Asthma	-0.0616	9.51E-01	9.84E-01
25	NICN1	84276	3	49454766	49471777	2.10E-06	blood	COPD	-4.0684	4.73E-05	5.15E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	Lung	COPD	-4.6220	3.80E-06	5.37E-05
25	NICN1	84276	3	49454766	49471777	2.10E-06	blood	IPF	-4.0684	4.73E-05	5.15E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	Lung	IPF	0.8707	3.84E-01	6.32E-01
25	NICN1	84276	3	49454766	49471777	2.10E-06	blood	LungCancer	-4.0684	4.73E-05	5.15E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	Lung	LungCancer	-2.8297	4.66E-03	2.76E-02
25	NICN1	84276	3	49454766	49471777	2.10E-06	blood	Snoring	-4.0684	4.73E-05	5.15E-04
25	NICN1	84276	3	49454766	49471777	2.10E-06	Lung	Snoring	-4.0684	4.73E-05	5.15E-04
47	TSLP	85480	5	110400778	110418722	8.88E-16	blood	Asthma	-0.1167	9.07E-01	9.64E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	Lung	Asthma	10.9000	1.74E-27	5.03E-25
47	TSLP	85480	5	110400778	110418722	8.88E-16	blood	COPD	-0.1167	9.07E-01	9.64E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	Lung	COPD	1.6393	1.01E-01	2.87E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	blood	IPF	-0.1167	9.07E-01	9.64E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	Lung	IPF	-0.9340	3.50E-01	6.08E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	blood	LungCancer	-0.1167	9.07E-01	9.64E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	Lung	LungCancer	-1.3160	1.88E-01	4.23E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	blood	Snoring	-0.1167	9.07E-01	9.64E-01
47	TSLP	85480	5	110400778	110418722	8.88E-16	Lung	Snoring	-0.1167	9.07E-01	9.64E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	blood	Asthma	0.6194	5.36E-01	7.61E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	Lung	Asthma	6.8000	1.02E-11	8.53E-10
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	blood	COPD	0.6194	5.36E-01	7.61E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	Lung	COPD	3.0677	2.16E-03	1.38E-02
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	blood	IPF	0.6194	5.36E-01	7.61E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	Lung	IPF	0.3736	7.09E-01	8.85E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	blood	LungCancer	0.6194	5.36E-01	7.61E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	Lung	LungCancer	0.0509	9.59E-01	9.86E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	blood	Snoring	0.6194	5.36E-01	7.61E-01
48	TNFAIP8	25816	5	118599418	118735294	3.65E-05	Lung	Snoring	0.6194	5.36E-01	7.61E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	blood	Asthma	-0.5236	6.01E-01	8.06E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	Lung	Asthma	0.8280	4.08E-01	6.57E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	blood	COPD	-0.5236	6.01E-01	8.06E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	Lung	COPD	0.9063	3.65E-01	6.20E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	blood	IPF	-0.5236	6.01E-01	8.06E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	Lung	IPF	-0.4487	6.54E-01	8.44E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	blood	LungCancer	-0.5236	6.01E-01	8.06E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	Lung	LungCancer	-0.6057	5.45E-01	7.64E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	blood	Snoring	-0.5236	6.01E-01	8.06E-01
52	FBXO38	81545	5	147758498	147827399	8.32E-06	Lung	Snoring	-0.5236	6.01E-01	8.06E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	blood	Asthma	0.1561	8.76E-01	9.56E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	Lung	Asthma	-1.7837	7.45E-02	2.33E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	blood	COPD	0.1561	8.76E-01	9.56E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	Lung	COPD	2.4016	1.63E-02	7.90E-02
58	ABT1	29777	6	26592171	26605278	4.58E-05	blood	IPF	0.1561	8.76E-01	9.56E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	Lung	IPF	-0.1274	8.99E-01	9.64E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	blood	LungCancer	0.1561	8.76E-01	9.56E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	Lung	LungCancer	2.7460	6.03E-03	3.46E-02
58	ABT1	29777	6	26592171	26605278	4.58E-05	blood	Snoring	0.1561	8.76E-01	9.56E-01
58	ABT1	29777	6	26592171	26605278	4.58E-05	Lung	Snoring	0.1561	8.76E-01	9.56E-01
59	TTBK1	84630	6	43206222	43260997	3.71E-07	blood	Asthma	-2.3360	1.95E-02	9.17E-02
59	TTBK1	84630	6	43206222	43260997	3.71E-07	Lung	Asthma	-0.1910	8.48E-01	9.55E-01
59	TTBK1	84630	6	43206222	43260997	3.71E-07	blood	COPD	-2.3360	1.95E-02	9.17E-02
59	TTBK1	84630	6	43206222	43260997	3.71E-07	Lung	COPD	-1.1115	2.66E-01	5.17E-01
59	TTBK1	84630	6	43206222	43260997	3.71E-07	blood	IPF	-2.3360	1.95E-02	9.17E-02
59	TTBK1	84630	6	43206222	43260997	3.71E-07	Lung	IPF	-1.1240	2.61E-01	5.16E-01
59	TTBK1	84630	6	43206222	43260997	3.71E-07	blood	LungCancer	-2.3360	1.95E-02	9.17E-02
59	TTBK1	84630	6	43206222	43260997	3.71E-07	Lung	LungCancer	-1.8735	6.10E-02	2.05E-01
59	TTBK1	84630	6	43206222	43260997	3.71E-07	blood	Snoring	-2.3360	1.95E-02	9.17E-02
59	TTBK1	84630	6	43206222	43260997	3.71E-07	Lung	Snoring	-2.3360	1.95E-02	9.17E-02
78	LACTB2	51110	8	71544501	71586447	3.07E-09	blood	Asthma	5.8839	4.01E-09	1.59E-07
78	LACTB2	51110	8	71544501	71586447	3.07E-09	Lung	Asthma	-0.4632	6.43E-01	8.39E-01
78	LACTB2	51110	8	71544501	71586447	3.07E-09	blood	COPD	5.8839	4.01E-09	1.59E-07

78	LACTB2	51110	8	71544501	71586447	3.07E-09	Lung	COPD	1.4320	1.52E-01	3.78E-01
78	LACTB2	51110	8	71544501	71586447	3.07E-09	blood	IPF	5.8839	4.01E-09	1.59E-07
78	LACTB2	51110	8	71544501	71586447	3.07E-09	Lung	IPF	0.8123	4.17E-01	6.68E-01
78	LACTB2	51110	8	71544501	71586447	3.07E-09	blood	LungCancer	5.8839	4.01E-09	1.59E-07
78	LACTB2	51110	8	71544501	71586447	3.07E-09	Lung	LungCancer	-2.7308	6.32E-03	3.56E-02
78	LACTB2	51110	8	71544501	71586447	3.07E-09	blood	Snoring	5.8839	4.01E-09	1.59E-07
78	LACTB2	51110	8	71544501	71586447	3.07E-09	Lung	Snoring	5.8839	4.01E-09	1.59E-07
84	UHRF2	115426	9	6408151	6512054	6.47E-05	blood	Asthma	-0.6820	4.96E-01	7.36E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	Lung	Asthma	-0.4475	6.55E-01	8.44E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	blood	COPD	-0.6820	4.96E-01	7.36E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	Lung	COPD	-1.9573	5.03E-02	1.81E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	blood	IPF	-0.6820	4.96E-01	7.36E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	Lung	IPF	-0.6485	5.17E-01	7.53E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	blood	LungCancer	-0.6820	4.96E-01	7.36E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	Lung	LungCancer	-2.9403	3.28E-03	2.00E-02
84	UHRF2	115426	9	6408151	6512054	6.47E-05	blood	Snoring	-0.6820	4.96E-01	7.36E-01
84	UHRF2	115426	9	6408151	6512054	6.47E-05	Lung	Snoring	-0.6820	4.96E-01	7.36E-01
93	CNNM2	54805	10	104673075	104843344	6.56E-09	blood	Asthma	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	Lung	Asthma	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	blood	COPD	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	Lung	COPD	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	blood	IPF	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	Lung	IPF	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	blood	LungCancer	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	Lung	LungCancer	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	blood	Snoring	NA	NA	NA
93	CNNM2	54805	10	104673075	104843344	6.56E-09	Lung	Snoring	NA	NA	NA
96	FADS1	3992	11	61562097	61589529	3.40E-13	blood	Asthma	-0.9763	3.29E-01	5.84E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	Lung	Asthma	7.6483	2.04E-14	1.96E-12
96	FADS1	3992	11	61562097	61589529	3.40E-13	blood	COPD	-0.9763	3.29E-01	5.84E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	Lung	COPD	2.7563	5.85E-03	3.37E-02
96	FADS1	3992	11	61562097	61589529	3.40E-13	blood	IPF	-0.9763	3.29E-01	5.84E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	Lung	IPF	1.2400	2.14E-01	4.56E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	blood	LungCancer	-0.9763	3.29E-01	5.84E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	Lung	LungCancer	2.6856	7.24E-03	4.03E-02
96	FADS1	3992	11	61562097	61589529	3.40E-13	blood	Snoring	-0.9763	3.29E-01	5.84E-01
96	FADS1	3992	11	61562097	61589529	3.40E-13	Lung	Snoring	-0.9763	3.29E-01	5.84E-01
131	TBX6	6911	16	30092114	30108258	1.64E-05	blood	Asthma	2.9611	3.07E-03	1.89E-02
131	TBX6	6911	16	30092114	30108258	1.64E-05	Lung	Asthma	5.6688	1.44E-08	4.32E-07
131	TBX6	6911	16	30092114	30108258	1.64E-05	blood	COPD	2.9611	3.07E-03	1.89E-02
131	TBX6	6911	16	30092114	30108258	1.64E-05	Lung	COPD	4.5134	6.38E-06	8.63E-05
131	TBX6	6911	16	30092114	30108258	1.64E-05	blood	IPF	2.9611	3.07E-03	1.89E-02
131	TBX6	6911	16	30092114	30108258	1.64E-05	Lung	IPF	-0.1300	8.96E-01	9.63E-01
131	TBX6	6911	16	30092114	30108258	1.64E-05	blood	LungCancer	2.9611	3.07E-03	1.89E-02
131	TBX6	6911	16	30092114	30108258	1.64E-05	Lung	LungCancer	-0.1430	8.86E-01	9.59E-01
131	TBX6	6911	16	30092114	30108258	1.64E-05	blood	Snoring	2.9611	3.07E-03	1.89E-02
131	TBX6	6911	16	30092114	30108258	1.64E-05	Lung	Snoring	2.9611	3.07E-03	1.89E-02
131	CTF1	1489	16	30902928	30919881	2.64E-10	blood	Asthma	0.8910	3.73E-01	6.25E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	Lung	Asthma	0.6815	4.96E-01	7.36E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	blood	COPD	0.8910	3.73E-01	6.25E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	Lung	COPD	0.7555	4.50E-01	6.98E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	blood	IPF	0.8910	3.73E-01	6.25E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	Lung	IPF	2.0400	4.15E-02	1.60E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	blood	LungCancer	0.8910	3.73E-01	6.25E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	Lung	LungCancer	1.7100	8.67E-02	2.59E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	blood	Snoring	0.8910	3.73E-01	6.25E-01
131	CTF1	1489	16	30902928	30919881	2.64E-10	Lung	Snoring	0.8910	3.73E-01	6.25E-01
109	RILPL2	196383	12	123894936	123926264	3.51E-06	blood	Asthma	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	Lung	Asthma	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	blood	COPD	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	Lung	COPD	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	blood	IPF	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	Lung	IPF	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	blood	LungCancer	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	Lung	LungCancer	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	blood	Snoring	NA	NA	NA
109	RILPL2	196383	12	123894936	123926264	3.51E-06	Lung	Snoring	NA	NA	NA
131	PRSS53	339105	16	31089745	31105289	3.11E-15	blood	Asthma	-5.6474	1.63E-08	4.43E-07
131	PRSS53	339105	16	31089745	31105289	3.11E-15	Lung	Asthma	-5.1713	2.33E-07	4.18E-06
131	PRSS53	339105	16	31089745	31105289	3.11E-15	blood	COPD	-5.6474	1.63E-08	4.43E-07
131	PRSS53	339105	16	31089745	31105289	3.11E-15	Lung	COPD	-4.0493	5.14E-05	5.58E-04
131	PRSS53	339105	16	31089745	31105289	3.11E-15	blood	IPF	-5.6474	1.63E-08	4.43E-07
131	PRSS53	339105	16	31089745	31105289	3.11E-15	Lung	IPF	-0.6000	5.49E-01	7.68E-01

131	PRSS53	339105	16	31089745	31105289	3.11E-15	blood	LungCancer	-5.6474	1.63E-08	4.43E-07
131	PRSS53	339105	16	31089745	31105289	3.11E-15	Lung	LungCancer	-2.4000	1.62E-02	7.85E-02
131	PRSS53	339105	16	31089745	31105289	3.11E-15	blood	Snoring	-5.6474	1.63E-08	4.43E-07
131	PRSS53	339105	16	31089745	31105289	3.11E-15	Lung	Snoring	-5.6474	1.63E-08	4.43E-07
46	POC5	134359	5	74965023	75018313	2.30E-07	blood	Asthma	-3.3709	7.49E-04	5.85E-03
46	POC5	134359	5	74965023	75018313	2.30E-07	Lung	Asthma	-0.1770	8.60E-01	9.55E-01
46	POC5	134359	5	74965023	75018313	2.30E-07	blood	COPD	-3.3709	7.49E-04	5.85E-03
46	POC5	134359	5	74965023	75018313	2.30E-07	Lung	COPD	1.0611	2.89E-01	5.46E-01
46	POC5	134359	5	74965023	75018313	2.30E-07	blood	IPF	-3.3709	7.49E-04	5.85E-03
46	POC5	134359	5	74965023	75018313	2.30E-07	Lung	IPF	1.0520	2.93E-01	5.48E-01
46	POC5	134359	5	74965023	75018313	2.30E-07	blood	LungCancer	-3.3709	7.49E-04	5.85E-03
46	POC5	134359	5	74965023	75018313	2.30E-07	Lung	LungCancer	-0.2340	8.15E-01	9.40E-01
46	POC5	134359	5	74965023	75018313	2.30E-07	blood	Snoring	-3.3709	7.49E-04	5.85E-03
46	POC5	134359	5	74965023	75018313	2.30E-07	Lung	Snoring	-3.3709	7.49E-04	5.85E-03
47	CAMK4	814	5	110554947	110835584	6.93E-14	blood	Asthma	-1.3181	1.87E-01	4.21E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	Lung	Asthma	5.8500	4.92E-09	1.91E-07
47	CAMK4	814	5	110554947	110835584	6.93E-14	blood	COPD	-1.3181	1.87E-01	4.21E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	Lung	COPD	2.0436	4.10E-02	1.58E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	blood	IPF	-1.3181	1.87E-01	4.21E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	Lung	IPF	-0.1438	8.86E-01	9.59E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	blood	LungCancer	-1.3181	1.87E-01	4.21E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	Lung	LungCancer	-0.7106	4.77E-01	7.24E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	blood	Snoring	-1.3181	1.87E-01	4.21E-01
47	CAMK4	814	5	110554947	110835584	6.93E-14	Lung	Snoring	-1.3181	1.87E-01	4.21E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	blood	Asthma	1.9476	5.15E-02	1.84E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	Lung	Asthma	-0.9861	3.24E-01	5.81E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	blood	COPD	1.9476	5.15E-02	1.84E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	Lung	COPD	-0.6824	4.95E-01	7.36E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	blood	IPF	1.9476	5.15E-02	1.84E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	Lung	IPF	-0.9978	3.18E-01	5.74E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	blood	LungCancer	1.9476	5.15E-02	1.84E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	Lung	LungCancer	-1.2976	1.94E-01	4.33E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	blood	Snoring	1.9476	5.15E-02	1.84E-01
92	HHEX	3087	10	94444681	94460408	9.44E-06	Lung	Snoring	1.9476	5.15E-02	1.84E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	blood	Asthma	1.5261	1.27E-01	3.35E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	Lung	Asthma	1.4640	1.43E-01	3.63E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	blood	COPD	1.5261	1.27E-01	3.35E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	Lung	COPD	0.4851	6.28E-01	8.27E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	blood	IPF	1.5261	1.27E-01	3.35E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	Lung	IPF	1.3494	1.77E-01	4.15E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	blood	LungCancer	1.5261	1.27E-01	3.35E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	Lung	LungCancer	-1.7816	7.48E-02	2.33E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	blood	Snoring	1.5261	1.27E-01	3.35E-01
18	BCL2L11	10018	2	111873491	111931022	3.85E-08	Lung	Snoring	1.5261	1.27E-01	3.35E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	blood	Asthma	-1.2172	2.24E-01	4.65E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	Lung	Asthma	-1.2736	2.03E-01	4.39E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	blood	COPD	-1.2172	2.24E-01	4.65E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	Lung	COPD	-0.8542	3.93E-01	6.42E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	blood	IPF	-1.2172	2.24E-01	4.65E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	Lung	IPF	-0.0454	9.64E-01	9.88E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	blood	LungCancer	-1.2172	2.24E-01	4.65E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	Lung	LungCancer	2.0200	4.30E-02	1.64E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	blood	Snoring	-1.2172	2.24E-01	4.65E-01
133	CFDP1	10428	16	75322608	75472387	1.20E-05	Lung	Snoring	-1.2172	2.24E-01	4.65E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	blood	Asthma	2.0498	4.04E-02	1.57E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	Lung	Asthma	-2.4271	1.52E-02	7.50E-02
70	JAZF1	221895	7	27865192	28225437	4.84E-08	blood	COPD	2.0498	4.04E-02	1.57E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	Lung	COPD	-0.5145	6.07E-01	8.12E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	blood	IPF	2.0498	4.04E-02	1.57E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	Lung	IPF	0.7247	4.69E-01	7.16E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	blood	LungCancer	2.0498	4.04E-02	1.57E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	Lung	LungCancer	0.2457	8.06E-01	9.35E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	blood	Snoring	2.0498	4.04E-02	1.57E-01
70	JAZF1	221895	7	27865192	28225437	4.84E-08	Lung	Snoring	2.0498	4.04E-02	1.57E-01
130	KDM8	79831	16	27209807	27238089	3.87E-08	blood	Asthma	-2.2972	2.16E-02	9.75E-02
130	KDM8	79831	16	27209807	27238089	3.87E-08	Lung	Asthma	-0.3782	7.05E-01	8.84E-01
130	KDM8	79831	16	27209807	27238089	3.87E-08	blood	COPD	-2.2972	2.16E-02	9.75E-02
130	KDM8	79831	16	27209807	27238089	3.87E-08	Lung	COPD	0.9532	3.40E-01	5.98E-01
130	KDM8	79831	16	27209807	27238089	3.87E-08	blood	IPF	-2.2972	2.16E-02	9.75E-02
130	KDM8	79831	16	27209807	27238089	3.87E-08	Lung	IPF	-0.0183	9.85E-01	9.93E-01
130	KDM8	79831	16	27209807	27238089	3.87E-08	blood	LungCancer	-2.2972	2.16E-02	9.75E-02
130	KDM8	79831	16	27209807	27238089	3.87E-08	Lung	LungCancer	1.4500	1.46E-01	3.70E-01
130	KDM8	79831	16	27209807	27238089	3.87E-08	blood	Snoring	-2.2972	2.16E-02	9.75E-02

130	KDM8	79831	16	27209807	27238089	3.87E-08	Lung	Snoring	-2.2972	2.16E-02	9.75E-02
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	blood	Asthma	-1.8951	5.81E-02	2.01E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	Lung	Asthma	-2.2933	2.18E-02	9.81E-02
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	blood	COPD	-1.8951	5.81E-02	2.01E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	Lung	COPD	-1.7075	8.77E-02	2.61E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	blood	IPF	-1.8951	5.81E-02	2.01E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	Lung	IPF	0.7291	4.66E-01	7.16E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	blood	LungCancer	-1.8951	5.81E-02	2.01E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	Lung	LungCancer	2.0500	4.04E-02	1.57E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	blood	Snoring	-1.8951	5.81E-02	2.01E-01
128	ADAMTSL3	57188	15	84317838	84713594	4.59E-05	Lung	Snoring	-1.8951	5.81E-02	2.01E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	blood	Asthma	0.6460	5.18E-01	7.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	Lung	Asthma	0.4470	6.55E-01	8.44E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	blood	COPD	0.6460	5.18E-01	7.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	Lung	COPD	0.8405	4.01E-01	6.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	blood	IPF	0.6460	5.18E-01	7.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	Lung	IPF	1.5500	1.21E-01	3.25E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	blood	LungCancer	0.6460	5.18E-01	7.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	Lung	LungCancer	-0.1550	8.77E-01	9.56E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	blood	Snoring	0.6460	5.18E-01	7.53E-01
131	PHKG2	5261	16	30754574	30777497	1.84E-05	Lung	Snoring	0.6460	5.18E-01	7.53E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	blood	Asthma	-0.2555	7.98E-01	9.32E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	Lung	Asthma	-2.0309	4.23E-02	1.62E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	blood	COPD	-0.2555	7.98E-01	9.32E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	Lung	COPD	1.4484	1.48E-01	3.72E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	blood	IPF	-0.2555	7.98E-01	9.32E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	Lung	IPF	2.5739	1.01E-02	5.30E-02
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	blood	LungCancer	-0.2555	7.98E-01	9.32E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	Lung	LungCancer	4.4115	1.03E-05	1.31E-04
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	blood	Snoring	-0.2555	7.98E-01	9.32E-01
58	HIST1H2BD	3017	6	26152419	26176577	3.92E-07	Lung	Snoring	-0.2555	7.98E-01	9.32E-01
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	blood	Asthma	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	Lung	Asthma	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	blood	COPD	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	Lung	COPD	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	blood	IPF	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	Lung	IPF	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	blood	LungCancer	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	Lung	LungCancer	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	blood	Snoring	NA	NA	NA
58	HIST1H4H	8365	6	26276278	26290844	3.85E-09	Lung	Snoring	NA	NA	NA
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	blood	Asthma	0.1669	8.67E-01	9.55E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	Lung	Asthma	-2.8603	4.23E-03	2.52E-02
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	blood	COPD	0.1669	8.67E-01	9.55E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	Lung	COPD	0.1115	9.11E-01	9.67E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	blood	IPF	0.1669	8.67E-01	9.55E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	Lung	IPF	-2.9231	3.47E-03	2.12E-02
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	blood	LungCancer	0.1669	8.67E-01	9.55E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	Lung	LungCancer	-3.5380	4.03E-04	3.38E-03
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	blood	Snoring	0.1669	8.67E-01	9.55E-01
58	ZSCAN12	9753	6	28341598	28372544	2.29E-05	Lung	Snoring	0.1669	8.67E-01	9.55E-01
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	blood	Asthma	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	Lung	Asthma	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	blood	COPD	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	Lung	COPD	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	blood	IPF	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	Lung	IPF	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	blood	LungCancer	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	Lung	LungCancer	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	blood	Snoring	NA	NA	NA
138	ARHGAP27	201176	17	43466268	43515282	6.32E-08	Lung	Snoring	NA	NA	NA
126	ISL2	64843	15	76624065	76639817	6.27E-06	blood	Asthma	-2.3120	2.08E-02	9.54E-02
126	ISL2	64843	15	76624065	76639817	6.27E-06	Lung	Asthma	1.0016	3.17E-01	5.73E-01
126	ISL2	64843	15	76624065	76639817	6.27E-06	blood	COPD	-2.3120	2.08E-02	9.54E-02
126	ISL2	64843	15	76624065	76639817	6.27E-06	Lung	COPD	2.1249	3.36E-02	1.38E-01
126	ISL2	64843	15	76624065	76639817	6.27E-06	blood	IPF	-2.3120	2.08E-02	9.54E-02
126	ISL2	64843	15	76624065	76639817	6.27E-06	Lung	IPF	1.8769	6.05E-02	2.05E-01
126	ISL2	64843	15	76624065	76639817	6.27E-06	blood	LungCancer	-2.3120	2.08E-02	9.54E-02
126	ISL2	64843	15	76624065	76639817	6.27E-06	Lung	LungCancer	1.5500	1.21E-01	3.25E-01
126	ISL2	64843	15	76624065	76639817	6.27E-06	blood	Snoring	-2.3120	2.08E-02	9.54E-02
126	ISL2	64843	15	76624065	76639817	6.27E-06	Lung	Snoring	-2.3120	2.08E-02	9.54E-02
71	AZGP1	563	7	99559350	99578735	2.92E-06	blood	Asthma	0.5811	5.61E-01	7.78E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	Lung	Asthma	-0.0035	9.97E-01	9.99E-01



71	AZGP1	563	7	99559350	99578735	2.92E-06	blood	COPD	0.5811	5.61E-01	7.78E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	Lung	COPD	-1.6815	9.27E-02	2.72E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	blood	IPF	0.5811	5.61E-01	7.78E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	Lung	IPF	1.4931	1.35E-01	3.53E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	blood	LungCancer	0.5811	5.61E-01	7.78E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	Lung	LungCancer	-0.0496	9.60E-01	9.86E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	blood	Snoring	0.5811	5.61E-01	7.78E-01
71	AZGP1	563	7	99559350	99578735	2.92E-06	Lung	Snoring	0.5811	5.61E-01	7.78E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	blood	Asthma	0.0314	9.75E-01	9.92E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	Lung	Asthma	-7.7353	1.03E-14	1.06E-12
137	IKZF3	22806	17	37908968	38025441	8.49E-06	blood	COPD	0.0314	9.75E-01	9.92E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	Lung	COPD	-2.5183	1.18E-02	6.08E-02
137	IKZF3	22806	17	37908968	38025441	8.49E-06	blood	IPF	0.0314	9.75E-01	9.92E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	Lung	IPF	-0.9555	3.39E-01	5.97E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	blood	LungCancer	0.0314	9.75E-01	9.92E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	Lung	LungCancer	0.2444	8.07E-01	9.35E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	blood	Snoring	0.0314	9.75E-01	9.92E-01
137	IKZF3	22806	17	37908968	38025441	8.49E-06	Lung	Snoring	0.0314	9.75E-01	9.92E-01
135	SEN3	26168	17	7460309	7480287	3.83E-06	blood	Asthma	5.2324	1.67E-07	3.18E-06
135	SEN3	26168	17	7460309	7480287	3.83E-06	Lung	Asthma	2.9633	3.04E-03	1.98E-02
135	SEN3	26168	17	7460309	7480287	3.83E-06	blood	COPD	5.2324	1.67E-07	3.18E-06
135	SEN3	26168	17	7460309	7480287	3.83E-06	Lung	COPD	0.2315	8.17E-01	9.42E-01
135	SEN3	26168	17	7460309	7480287	3.83E-06	blood	IPF	5.2324	1.67E-07	3.18E-06
135	SEN3	26168	17	7460309	7480287	3.83E-06	Lung	IPF	0.1805	8.57E-01	9.55E-01
135	SEN3	26168	17	7460309	7480287	3.83E-06	blood	LungCancer	5.2324	1.67E-07	3.18E-06
135	SEN3	26168	17	7460309	7480287	3.83E-06	Lung	LungCancer	0.3516	7.25E-01	8.97E-01
135	SEN3	26168	17	7460309	7480287	3.83E-06	blood	Snoring	5.2324	1.67E-07	3.18E-06
135	SEN3	26168	17	7460309	7480287	3.83E-06	Lung	Snoring	5.2324	1.67E-07	3.18E-06
1	TTLL10	254173	1	1104286	1138315	4.18E-05	blood	Asthma	-1.1774	2.39E-01	4.85E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	Lung	Asthma	-5.0434	4.57E-07	8.02E-06
1	TTLL10	254173	1	1104286	1138315	4.18E-05	blood	COPD	-1.1774	2.39E-01	4.85E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	Lung	COPD	-1.8029	7.14E-02	2.28E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	blood	IPF	-1.1774	2.39E-01	4.85E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	Lung	IPF	-1.0652	2.87E-01	5.43E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	blood	LungCancer	-1.1774	2.39E-01	4.85E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	Lung	LungCancer	0.8714	3.84E-01	6.32E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	blood	Snoring	-1.1774	2.39E-01	4.85E-01
1	TTLL10	254173	1	1104286	1138315	4.18E-05	Lung	Snoring	-1.1774	2.39E-01	4.85E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	blood	Asthma	-0.1686	8.66E-01	9.55E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	Lung	Asthma	-0.1343	8.93E-01	9.62E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	blood	COPD	-0.1686	8.66E-01	9.55E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	Lung	COPD	0.4927	6.22E-01	8.23E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	blood	IPF	-0.1686	8.66E-01	9.55E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	Lung	IPF	-0.2721	7.86E-01	9.29E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	blood	LungCancer	-0.1686	8.66E-01	9.55E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	Lung	LungCancer	0.2761	7.82E-01	9.29E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	blood	Snoring	-0.1686	8.66E-01	9.55E-01
12	ADORA1	134	1	203091833	203141533	4.58E-10	Lung	Snoring	-0.1686	8.66E-01	9.55E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	blood	Asthma	1.6609	9.67E-02	2.81E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	Lung	Asthma	1.6289	1.03E-01	2.90E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	blood	COPD	1.6609	9.67E-02	2.81E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	Lung	COPD	4.0264	5.66E-05	6.00E-04
25	BSN	8927	3	49586922	49713982	4.47E-08	blood	IPF	1.6609	9.67E-02	2.81E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	Lung	IPF	-0.5320	5.95E-01	8.01E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	blood	LungCancer	1.6609	9.67E-02	2.81E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	Lung	LungCancer	0.8750	3.82E-01	6.31E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	blood	Snoring	1.6609	9.67E-02	2.81E-01
25	BSN	8927	3	49586922	49713982	4.47E-08	Lung	Snoring	1.6609	9.67E-02	2.81E-01
25	RNF123	63891	3	49721950	49763962	8.20E-08	blood	Asthma	3.2341	1.22E-03	8.93E-03
25	RNF123	63891	3	49721950	49763962	8.20E-08	Lung	Asthma	3.8788	1.05E-04	9.67E-04
25	RNF123	63891	3	49721950	49763962	8.20E-08	blood	COPD	3.2341	1.22E-03	8.93E-03
25	RNF123	63891	3	49721950	49763962	8.20E-08	Lung	COPD	5.4564	4.86E-08	1.16E-06
25	RNF123	63891	3	49721950	49763962	8.20E-08	blood	IPF	3.2341	1.22E-03	8.93E-03
25	RNF123	63891	3	49721950	49763962	8.20E-08	Lung	IPF	0.6432	5.20E-01	7.55E-01
25	RNF123	63891	3	49721950	49763962	8.20E-08	blood	LungCancer	3.2341	1.22E-03	8.93E-03
25	RNF123	63891	3	49721950	49763962	8.20E-08	Lung	LungCancer	2.8380	4.54E-03	2.70E-02
25	RNF123	63891	3	49721950	49763962	8.20E-08	blood	Snoring	3.2341	1.22E-03	8.93E-03
25	RNF123	63891	3	49721950	49763962	8.20E-08	Lung	Snoring	3.2341	1.22E-03	8.93E-03
25	CAMKV	79012	3	49890414	49912655	4.78E-07	blood	Asthma	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	Lung	Asthma	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	blood	COPD	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	Lung	COPD	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	blood	IPF	NA	NA	NA

25	CAMKV	79012	3	49890414	49912655	4.78E-07	Lung	IPF	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	blood	LungCancer	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	Lung	LungCancer	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	blood	Snoring	NA	NA	NA
25	CAMKV	79012	3	49890414	49912655	4.78E-07	Lung	Snoring	NA	NA	NA
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	blood	Asthma	-0.6962	4.86E-01	7.30E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	Lung	Asthma	-3.5700	3.56E-04	3.06E-03
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	blood	COPD	-0.6962	4.86E-01	7.30E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	Lung	COPD	-1.3521	1.76E-01	4.12E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	blood	IPF	-0.6962	4.86E-01	7.30E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	Lung	IPF	0.7969	4.26E-01	6.79E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	blood	LungCancer	-0.6962	4.86E-01	7.30E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	Lung	LungCancer	-1.3875	1.65E-01	4.01E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	blood	Snoring	-0.6962	4.86E-01	7.30E-01
47	SLC25A46	91137	5	110068837	110105857	5.65E-07	Lung	Snoring	-0.6962	4.86E-01	7.30E-01
49	ACSL6	23305	5	131280666	131352761	3.94E-06	blood	Asthma	-2.4765	1.33E-02	6.69E-02
49	ACSL6	23305	5	131280666	131352761	3.94E-06	Lung	Asthma	0.0460	9.63E-01	9.88E-01
49	ACSL6	23305	5	131280666	131352761	3.94E-06	blood	COPD	-2.4765	1.33E-02	6.69E-02
49	ACSL6	23305	5	131280666	131352761	3.94E-06	Lung	COPD	-0.4782	6.33E-01	8.30E-01
49	ACSL6	23305	5	131280666	131352761	3.94E-06	blood	IPF	-2.4765	1.33E-02	6.69E-02
49	ACSL6	23305	5	131280666	131352761	3.94E-06	Lung	IPF	0.4580	6.47E-01	8.42E-01
49	ACSL6	23305	5	131280666	131352761	3.94E-06	blood	LungCancer	-2.4765	1.33E-02	6.69E-02
49	ACSL6	23305	5	131280666	131352761	3.94E-06	Lung	LungCancer	-1.1813	2.37E-01	4.85E-01
49	ACSL6	23305	5	131280666	131352761	3.94E-06	blood	Snoring	-2.4765	1.33E-02	6.69E-02
49	ACSL6	23305	5	131280666	131352761	3.94E-06	Lung	Snoring	-2.4765	1.33E-02	6.69E-02
49	CSF2	1437	5	131404485	131416863	1.55E-14	blood	Asthma	2.1725	2.98E-02	1.28E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	Lung	Asthma	9.4600	3.14E-21	5.87E-19
49	CSF2	1437	5	131404485	131416863	1.55E-14	blood	COPD	2.1725	2.98E-02	1.28E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	Lung	COPD	5.9137	3.35E-09	1.57E-07
49	CSF2	1437	5	131404485	131416863	1.55E-14	blood	IPF	2.1725	2.98E-02	1.28E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	Lung	IPF	2.2364	2.53E-02	1.11E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	blood	LungCancer	2.1725	2.98E-02	1.28E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	Lung	LungCancer	0.1202	9.04E-01	9.64E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	blood	Snoring	2.1725	2.98E-02	1.28E-01
49	CSF2	1437	5	131404485	131416863	1.55E-14	Lung	Snoring	2.1725	2.98E-02	1.28E-01
49	SEPT8	23176	5	132081509	132118976	1.38E-11	blood	Asthma	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	Lung	Asthma	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	blood	COPD	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	Lung	COPD	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	blood	IPF	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	Lung	IPF	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	blood	LungCancer	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	Lung	LungCancer	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	blood	Snoring	NA	NA	NA
49	SEPT8	23176	5	132081509	132118976	1.38E-11	Lung	Snoring	NA	NA	NA
123	FAM227B	196951	15	49613822	49918128	5.27E-07	blood	Asthma	0.6703	5.03E-01	7.43E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	Lung	Asthma	-0.8116	4.17E-01	6.68E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	blood	COPD	0.6703	5.03E-01	7.43E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	Lung	COPD	-1.4742	1.40E-01	3.60E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	blood	IPF	0.6703	5.03E-01	7.43E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	Lung	IPF	1.7601	7.84E-02	2.40E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	blood	LungCancer	0.6703	5.03E-01	7.43E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	Lung	LungCancer	2.1300	3.33E-02	1.37E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	blood	Snoring	0.6703	5.03E-01	7.43E-01
123	FAM227B	196951	15	49613822	49918128	5.27E-07	Lung	Snoring	0.6703	5.03E-01	7.43E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	blood	Asthma	-0.0218	9.83E-01	9.93E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	Lung	Asthma	5.2168	1.82E-07	3.41E-06
91	NDST2	8509	10	75556669	75576589	2.58E-05	blood	COPD	-0.0218	9.83E-01	9.93E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	Lung	COPD	1.7134	8.66E-02	2.59E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	blood	IPF	-0.0218	9.83E-01	9.93E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	Lung	IPF	-2.0448	4.09E-02	1.58E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	blood	LungCancer	-0.0218	9.83E-01	9.93E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	Lung	LungCancer	0.7008	4.83E-01	7.30E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	blood	Snoring	-0.0218	9.83E-01	9.93E-01
91	NDST2	8509	10	75556669	75576589	2.58E-05	Lung	Snoring	-0.0218	9.83E-01	9.93E-01
71	ZNF3	7551	7	99656470	99685171	1.56E-08	blood	Asthma	-2.6022	9.26E-03	4.96E-02
71	ZNF3	7551	7	99656470	99685171	1.56E-08	Lung	Asthma	0.8563	3.92E-01	6.41E-01
71	ZNF3	7551	7	99656470	99685171	1.56E-08	blood	COPD	-2.6022	9.26E-03	4.96E-02
71	ZNF3	7551	7	99656470	99685171	1.56E-08	Lung	COPD	0.7398	4.59E-01	7.10E-01
71	ZNF3	7551	7	99656470	99685171	1.56E-08	blood	IPF	-2.6022	9.26E-03	4.96E-02
71	ZNF3	7551	7	99656470	99685171	1.56E-08	Lung	IPF	-5.2930	1.20E-07	2.51E-06
71	ZNF3	7551	7	99656470	99685171	1.56E-08	blood	LungCancer	-2.6022	9.26E-03	4.96E-02
71	ZNF3	7551	7	99656470	99685171	1.56E-08	Lung	LungCancer	-1.8735	6.10E-02	2.05E-01

71	ZNF3	7551	7	99656470	99685171	1.56E-08	blood	Snoring	-2.6022	9.26E-03	4.96E-02
71	ZNF3	7551	7	99656470	99685171	1.56E-08	Lung	Snoring	-2.6022	9.26E-03	4.96E-02
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	blood	Asthma	-1.4919	1.36E-01	3.53E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	Lung	Asthma	0.2638	7.92E-01	9.29E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	blood	COPD	-1.4919	1.36E-01	3.53E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	Lung	COPD	-0.4115	6.81E-01	8.64E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	blood	IPF	-1.4919	1.36E-01	3.53E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	Lung	IPF	-3.3190	9.03E-04	6.96E-03
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	blood	LungCancer	-1.4919	1.36E-01	3.53E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	Lung	LungCancer	-1.6810	9.28E-02	2.72E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	blood	Snoring	-1.4919	1.36E-01	3.53E-01
71	ZSCAN21	7589	7	99642390	99667663	1.95E-07	Lung	Snoring	-1.4919	1.36E-01	3.53E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	blood	Asthma	0.7687	4.42E-01	6.91E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	Lung	Asthma	-0.6098	5.42E-01	7.62E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	blood	COPD	0.7687	4.42E-01	6.91E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	Lung	COPD	0.0481	9.62E-01	9.87E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	blood	IPF	0.7687	4.42E-01	6.91E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	Lung	IPF	0.5740	5.66E-01	7.83E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	blood	LungCancer	0.7687	4.42E-01	6.91E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	Lung	LungCancer	-2.7200	6.55E-03	3.68E-02
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	blood	Snoring	0.7687	4.42E-01	6.91E-01
133	TMEM170A	124491	16	75472136	75503584	2.12E-05	Lung	Snoring	0.7687	4.42E-01	6.91E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	blood	Asthma	1.9912	4.65E-02	1.75E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	Lung	Asthma	0.5638	5.73E-01	7.89E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	blood	COPD	1.9912	4.65E-02	1.75E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	Lung	COPD	0.5927	5.53E-01	7.71E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	blood	IPF	1.9912	4.65E-02	1.75E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	Lung	IPF	0.9018	3.67E-01	6.23E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	blood	LungCancer	1.9912	4.65E-02	1.75E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	Lung	LungCancer	-0.6370	5.24E-01	7.55E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	blood	Snoring	1.9912	4.65E-02	1.75E-01
105	GPR182	11318	12	57383355	57395469	2.25E-05	Lung	Snoring	1.9912	4.65E-02	1.75E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	blood	Asthma	0.4100	6.82E-01	8.64E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	Lung	Asthma	0.4407	6.59E-01	8.48E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	blood	COPD	0.4100	6.82E-01	8.64E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	Lung	COPD	1.3883	1.65E-01	4.01E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	blood	IPF	0.4100	6.82E-01	8.64E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	Lung	IPF	0.5421	5.88E-01	7.95E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	blood	LungCancer	0.4100	6.82E-01	8.64E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	Lung	LungCancer	0.7597	4.47E-01	6.96E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	blood	Snoring	0.4100	6.82E-01	8.64E-01
105	NAB2	4665	12	57477677	57494259	3.91E-06	Lung	Snoring	0.4100	6.82E-01	8.64E-01
105	STAT6	6778	12	57484187	57510196	4.77E-15	blood	Asthma	-2.7755	5.51E-03	3.19E-02
105	STAT6	6778	12	57484187	57510196	4.77E-15	Lung	Asthma	-0.0547	9.56E-01	9.85E-01
105	STAT6	6778	12	57484187	57510196	4.77E-15	blood	COPD	-2.7755	5.51E-03	3.19E-02
105	STAT6	6778	12	57484187	57510196	4.77E-15	Lung	COPD	-1.0569	2.91E-01	5.47E-01
105	STAT6	6778	12	57484187	57510196	4.77E-15	blood	IPF	-2.7755	5.51E-03	3.19E-02
105	STAT6	6778	12	57484187	57510196	4.77E-15	Lung	IPF	-1.4563	1.45E-01	3.68E-01
105	STAT6	6778	12	57484187	57510196	4.77E-15	blood	LungCancer	-2.7755	5.51E-03	3.19E-02
105	STAT6	6778	12	57484187	57510196	4.77E-15	Lung	LungCancer	0.9862	3.24E-01	5.81E-01
105	STAT6	6778	12	57484187	57510196	4.77E-15	blood	Snoring	-2.7755	5.51E-03	3.19E-02
105	STAT6	6778	12	57484187	57510196	4.77E-15	Lung	Snoring	-2.7755	5.51E-03	3.19E-02
125	SMAD3	4088	15	67353036	67492533	6.92E-15	blood	Asthma	0.6111	5.41E-01	7.62E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	Lung	Asthma	-9.2736	1.80E-20	3.01E-18
125	SMAD3	4088	15	67353036	67492533	6.92E-15	blood	COPD	0.6111	5.41E-01	7.62E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	Lung	COPD	-3.8988	9.67E-05	9.23E-04
125	SMAD3	4088	15	67353036	67492533	6.92E-15	blood	IPF	0.6111	5.41E-01	7.62E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	Lung	IPF	-0.1216	9.03E-01	9.64E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	blood	LungCancer	0.6111	5.41E-01	7.62E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	Lung	LungCancer	0.1130	9.10E-01	9.66E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	blood	Snoring	0.6111	5.41E-01	7.62E-01
125	SMAD3	4088	15	67353036	67492533	6.92E-15	Lung	Snoring	0.6111	5.41E-01	7.62E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	blood	Asthma	1.2965	1.95E-01	4.33E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	Lung	Asthma	1.7770	7.56E-02	2.34E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	blood	COPD	1.2965	1.95E-01	4.33E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	Lung	COPD	0.0725	9.42E-01	9.79E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	blood	IPF	1.2965	1.95E-01	4.33E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	Lung	IPF	1.7360	8.26E-02	2.50E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	blood	LungCancer	1.2965	1.95E-01	4.33E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	Lung	LungCancer	-0.9195	3.58E-01	6.14E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	blood	Snoring	1.2965	1.95E-01	4.33E-01
156	TEF	7008	22	41758337	41800332	2.74E-12	Lung	Snoring	1.2965	1.95E-01	4.33E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	blood	Asthma	1.1913	2.34E-01	4.79E-01

156	MEI1	150365	22	42090518	42200459	1.07E-11	Lung	Asthma	5.7162	1.09E-08	3.57E-07
156	MEI1	150365	22	42090518	42200459	1.07E-11	blood	COPD	1.1913	2.34E-01	4.79E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	Lung	COPD	-2.3925	1.67E-02	8.05E-02
156	MEI1	150365	22	42090518	42200459	1.07E-11	blood	IPF	1.1913	2.34E-01	4.79E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	Lung	IPF	1.3479	1.78E-01	4.15E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	blood	LungCancer	1.1913	2.34E-01	4.79E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	Lung	LungCancer	-0.9028	3.67E-01	6.23E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	blood	Snoring	1.1913	2.34E-01	4.79E-01
156	MEI1	150365	22	42090518	42200459	1.07E-11	Lung	Snoring	1.1913	2.34E-01	4.79E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	blood	Asthma	0.7000	4.84E-01	7.30E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	Lung	Asthma	-4.2861	1.82E-05	2.29E-04
88	PBX3	5090	9	128504617	128734656	3.10E-10	blood	COPD	0.7000	4.84E-01	7.30E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	Lung	COPD	-5.5775	2.44E-08	6.41E-07
88	PBX3	5090	9	128504617	128734656	3.10E-10	blood	IPF	0.7000	4.84E-01	7.30E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	Lung	IPF	0.2896	7.72E-01	9.25E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	blood	LungCancer	0.7000	4.84E-01	7.30E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	Lung	LungCancer	-3.1143	1.84E-03	1.22E-02
88	PBX3	5090	9	128504617	128734656	3.10E-10	blood	Snoring	0.7000	4.84E-01	7.30E-01
88	PBX3	5090	9	128504617	128734656	3.10E-10	Lung	Snoring	0.7000	4.84E-01	7.30E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	blood	Asthma	2.0997	3.58E-02	1.43E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	Lung	Asthma	6.6175	3.65E-11	2.90E-09
140	GNGT2	2793	17	47278596	47292936	4.23E-05	blood	COPD	2.0997	3.58E-02	1.43E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	Lung	COPD	2.0253	4.28E-02	1.64E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	blood	IPF	2.0997	3.58E-02	1.43E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	Lung	IPF	-2.3664	1.80E-02	8.60E-02
140	GNGT2	2793	17	47278596	47292936	4.23E-05	blood	LungCancer	2.0997	3.58E-02	1.43E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	Lung	LungCancer	0.8331	4.05E-01	6.57E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	blood	Snoring	2.0997	3.58E-02	1.43E-01
140	GNGT2	2793	17	47278596	47292936	4.23E-05	Lung	Snoring	2.0997	3.58E-02	1.43E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	blood	Asthma	0.7237	4.69E-01	7.16E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	Lung	Asthma	-0.8352	4.04E-01	6.56E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	blood	COPD	0.7237	4.69E-01	7.16E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	Lung	COPD	-0.1061	9.16E-01	9.68E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	blood	IPF	0.7237	4.69E-01	7.16E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	Lung	IPF	0.1023	9.19E-01	9.68E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	blood	LungCancer	0.7237	4.69E-01	7.16E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	Lung	LungCancer	-1.3039	1.92E-01	4.31E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	blood	Snoring	0.7237	4.69E-01	7.16E-01
140	PHB	5245	17	47476410	47497267	2.69E-08	Lung	Snoring	0.7237	4.69E-01	7.16E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	blood	Asthma	0.7856	4.32E-01	6.83E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	Lung	Asthma	0.2301	8.18E-01	9.42E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	blood	COPD	0.7856	4.32E-01	6.83E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	Lung	COPD	-2.7855	5.35E-03	3.13E-02
137	CDK12	51755	17	37612739	37726398	9.52E-10	blood	IPF	0.7856	4.32E-01	6.83E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	Lung	IPF	-2.9472	3.21E-03	1.97E-02
137	CDK12	51755	17	37612739	37726398	9.52E-10	blood	LungCancer	0.7856	4.32E-01	6.83E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	Lung	LungCancer	-0.8997	3.68E-01	6.23E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	blood	Snoring	0.7856	4.32E-01	6.83E-01
137	CDK12	51755	17	37612739	37726398	9.52E-10	Lung	Snoring	0.7856	4.32E-01	6.83E-01
131	ZNF668	79759	16	31067164	31090641	7.83E-15	blood	Asthma	-5.2109	1.88E-07	3.41E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	Lung	Asthma	-2.7461	6.03E-03	3.46E-02
131	ZNF668	79759	16	31067164	31090641	7.83E-15	blood	COPD	-5.2109	1.88E-07	3.41E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	Lung	COPD	-5.1161	3.12E-07	5.51E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	blood	IPF	-5.2109	1.88E-07	3.41E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	Lung	IPF	-0.0838	9.33E-01	9.75E-01
131	ZNF668	79759	16	31067164	31090641	7.83E-15	blood	LungCancer	-5.2109	1.88E-07	3.41E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	Lung	LungCancer	-1.6200	1.04E-01	2.93E-01
131	ZNF668	79759	16	31067164	31090641	7.83E-15	blood	Snoring	-5.2109	1.88E-07	3.41E-06
131	ZNF668	79759	16	31067164	31090641	7.83E-15	Lung	Snoring	-5.2109	1.88E-07	3.41E-06
131	ZNF646	9726	16	31080581	31099833	3.33E-15	blood	Asthma	5.9314	3.00E-09	1.51E-07
131	ZNF646	9726	16	31080581	31099833	3.33E-15	Lung	Asthma	6.5506	5.73E-11	4.44E-09
131	ZNF646	9726	16	31080581	31099833	3.33E-15	blood	COPD	5.9314	3.00E-09	1.51E-07
131	ZNF646	9726	16	31080581	31099833	3.33E-15	Lung	COPD	3.8907	1.00E-04	9.49E-04
131	ZNF646	9726	16	31080581	31099833	3.33E-15	blood	IPF	5.9314	3.00E-09	1.51E-07
131	ZNF646	9726	16	31080581	31099833	3.33E-15	Lung	IPF	1.2900	1.97E-01	4.36E-01
131	ZNF646	9726	16	31080581	31099833	3.33E-15	blood	LungCancer	5.9314	3.00E-09	1.51E-07
131	ZNF646	9726	16	31080581	31099833	3.33E-15	Lung	LungCancer	2.5900	9.57E-03	5.07E-02
131	ZNF646	9726	16	31080581	31099833	3.33E-15	blood	Snoring	5.9314	3.00E-09	1.51E-07
131	ZNF646	9726	16	31080581	31099833	3.33E-15	Lung	Snoring	5.9314	3.00E-09	1.51E-07
131	VKORC1	79001	16	31097175	31111699	2.20E-14	blood	Asthma	-4.7006	2.59E-06	3.94E-05
131	VKORC1	79001	16	31097175	31111699	2.20E-14	Lung	Asthma	-2.7336	6.26E-03	3.53E-02
131	VKORC1	79001	16	31097175	31111699	2.20E-14	blood	COPD	-4.7006	2.59E-06	3.94E-05
131	VKORC1	79001	16	31097175	31111699	2.20E-14	Lung	COPD	-4.1639	3.13E-05	3.71E-04

131	VKORC1	79001	16	31097175	31111699	2.20E-14	blood	IPF	-4.7006	2.59E-06	3.94E-05
131	VKORC1	79001	16	31097175	31111699	2.20E-14	Lung	IPF	0.6790	4.97E-01	7.37E-01
131	VKORC1	79001	16	31097175	31111699	2.20E-14	blood	LungCancer	-4.7006	2.59E-06	3.94E-05
131	VKORC1	79001	16	31097175	31111699	2.20E-14	Lung	LungCancer	-1.8900	5.92E-02	2.04E-01
131	VKORC1	79001	16	31097175	31111699	2.20E-14	blood	Snoring	-4.7006	2.59E-06	3.94E-05
131	VKORC1	79001	16	31097175	31111699	2.20E-14	Lung	Snoring	-4.7006	2.59E-06	3.94E-05
137	GSDMA	284110	17	38114226	38139019	3.61E-15	blood	Asthma	3.2280	1.25E-03	9.03E-03
137	GSDMA	284110	17	38114226	38139019	3.61E-15	Lung	Asthma	-11.7979	4.00E-32	1.59E-29
137	GSDMA	284110	17	38114226	38139019	3.61E-15	blood	COPD	3.2280	1.25E-03	9.03E-03
137	GSDMA	284110	17	38114226	38139019	3.61E-15	Lung	COPD	-3.9201	8.85E-05	8.68E-04
137	GSDMA	284110	17	38114226	38139019	3.61E-15	blood	IPF	3.2280	1.25E-03	9.03E-03
137	GSDMA	284110	17	38114226	38139019	3.61E-15	Lung	IPF	2.1618	3.06E-02	1.30E-01
137	GSDMA	284110	17	38114226	38139019	3.61E-15	blood	LungCancer	3.2280	1.25E-03	9.03E-03
137	GSDMA	284110	17	38114226	38139019	3.61E-15	Lung	LungCancer	-0.0480	9.62E-01	9.87E-01
137	GSDMA	284110	17	38114226	38139019	3.61E-15	blood	Snoring	3.2280	1.25E-03	9.03E-03
137	GSDMA	284110	17	38114226	38139019	3.61E-15	Lung	Snoring	3.2280	1.25E-03	9.03E-03
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	blood	Asthma	1.0025	3.16E-01	5.72E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	Lung	Asthma	-1.5070	1.32E-01	3.46E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	blood	COPD	1.0025	3.16E-01	5.72E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	Lung	COPD	0.4055	6.85E-01	8.66E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	blood	IPF	1.0025	3.16E-01	5.72E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	Lung	IPF	1.7287	8.39E-02	2.54E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	blood	LungCancer	1.0025	3.16E-01	5.72E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	Lung	LungCancer	-0.0717	9.43E-01	9.80E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	blood	Snoring	1.0025	3.16E-01	5.72E-01
58	HIST1H1E	3008	6	26151559	26162343	1.27E-07	Lung	Snoring	1.0025	3.16E-01	5.72E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	blood	Asthma	-1.6135	1.07E-01	2.97E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	Lung	Asthma	4.9686	6.74E-07	1.16E-05
96	FEN1	2237	11	61555109	61569716	1.01E-12	blood	COPD	-1.6135	1.07E-01	2.97E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	Lung	COPD	1.2644	2.06E-01	4.45E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	blood	IPF	-1.6135	1.07E-01	2.97E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	Lung	IPF	1.2200	2.23E-01	4.65E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	blood	LungCancer	-1.6135	1.07E-01	2.97E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	Lung	LungCancer	2.6973	6.99E-03	3.91E-02
96	FEN1	2237	11	61555109	61569716	1.01E-12	blood	Snoring	-1.6135	1.07E-01	2.97E-01
96	FEN1	2237	11	61555109	61569716	1.01E-12	Lung	Snoring	-1.6135	1.07E-01	2.97E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	blood	Asthma	-0.1003	9.20E-01	9.68E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	Lung	Asthma	1.1200	2.63E-01	5.17E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	blood	COPD	-0.1003	9.20E-01	9.68E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	Lung	COPD	0.8286	4.07E-01	6.57E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	blood	IPF	-0.1003	9.20E-01	9.68E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	Lung	IPF	-1.1765	2.39E-01	4.85E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	blood	LungCancer	-0.1003	9.20E-01	9.68E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	Lung	LungCancer	1.0279	3.04E-01	5.58E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	blood	Snoring	-0.1003	9.20E-01	9.68E-01
138	HEXIM2	124790	17	43232502	43252406	7.10E-07	Lung	Snoring	-0.1003	9.20E-01	9.68E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	blood	Asthma	0.1824	8.55E-01	9.55E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	Lung	Asthma	-2.7500	5.92E-03	3.41E-02
44	IL7R	3575	5	35851977	35884705	1.79E-05	blood	COPD	0.1824	8.55E-01	9.55E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	Lung	COPD	-1.6540	9.81E-02	2.83E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	blood	IPF	0.1824	8.55E-01	9.55E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	Lung	IPF	-0.7761	4.38E-01	6.90E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	blood	LungCancer	0.1824	8.55E-01	9.55E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	Lung	LungCancer	0.2864	7.75E-01	9.28E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	blood	Snoring	0.1824	8.55E-01	9.55E-01
44	IL7R	3575	5	35851977	35884705	1.79E-05	Lung	Snoring	0.1824	8.55E-01	9.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	blood	Asthma	-0.6318	5.28E-01	7.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	Lung	Asthma	6.0504	1.44E-09	8.32E-08
38	NPNT	255743	4	106811588	106897828	1.24E-05	blood	COPD	-0.6318	5.28E-01	7.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	Lung	COPD	3.3184	9.05E-04	6.96E-03
38	NPNT	255743	4	106811588	106897828	1.24E-05	blood	IPF	-0.6318	5.28E-01	7.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	Lung	IPF	-0.3900	6.97E-01	8.77E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	blood	LungCancer	-0.6318	5.28E-01	7.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	Lung	LungCancer	3.3572	7.87E-04	6.13E-03
38	NPNT	255743	4	106811588	106897828	1.24E-05	blood	Snoring	-0.6318	5.28E-01	7.55E-01
38	NPNT	255743	4	106811588	106897828	1.24E-05	Lung	Snoring	-0.6318	5.28E-01	7.55E-01
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	blood	Asthma	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	Lung	Asthma	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	blood	COPD	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	Lung	COPD	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	blood	IPF	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	Lung	IPF	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	blood	LungCancer	NA	NA	NA



130	NSMCE1	197370	16	27231315	27285113	4.75E-09	Lung	LungCancer	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	blood	Snoring	NA	NA	NA
130	NSMCE1	197370	16	27231315	27285113	4.75E-09	Lung	Snoring	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	blood	Asthma	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	Lung	Asthma	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	blood	COPD	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	Lung	COPD	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	blood	IPF	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	Lung	IPF	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	blood	LungCancer	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	Lung	LungCancer	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	blood	Snoring	NA	NA	NA
49	IL13	3596	5	131988865	132001801	1.17E-15	Lung	Snoring	NA	NA	NA
54	RGS14	10636	5	176779704	176804599	2.04E-08	blood	Asthma	-1.6395	1.01E-01	2.87E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	Lung	Asthma	-5.3100	1.09E-07	2.31E-06
54	RGS14	10636	5	176779704	176804599	2.04E-08	blood	COPD	-1.6395	1.01E-01	2.87E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	Lung	COPD	-3.1304	1.75E-03	1.17E-02
54	RGS14	10636	5	176779704	176804599	2.04E-08	blood	IPF	-1.6395	1.01E-01	2.87E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	Lung	IPF	-3.3904	6.98E-04	5.66E-03
54	RGS14	10636	5	176779704	176804599	2.04E-08	blood	LungCancer	-1.6395	1.01E-01	2.87E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	Lung	LungCancer	-0.1697	8.65E-01	9.55E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	blood	Snoring	-1.6395	1.01E-01	2.87E-01
54	RGS14	10636	5	176779704	176804599	2.04E-08	Lung	Snoring	-1.6395	1.01E-01	2.87E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	blood	Asthma	0.1182	9.06E-01	9.64E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	Lung	Asthma	-0.0656	9.48E-01	9.83E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	blood	COPD	0.1182	9.06E-01	9.64E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	Lung	COPD	-1.4895	1.36E-01	3.53E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	blood	IPF	0.1182	9.06E-01	9.64E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	Lung	IPF	-0.2124	8.32E-01	9.46E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	blood	LungCancer	0.1182	9.06E-01	9.64E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	Lung	LungCancer	-0.7532	4.51E-01	6.99E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	blood	Snoring	0.1182	9.06E-01	9.64E-01
54	LMAN2	10960	5	176753563	176783885	1.58E-07	Lung	Snoring	0.1182	9.06E-01	9.64E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	blood	Asthma	0.4398	6.60E-01	8.48E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	Lung	Asthma	-0.2220	8.25E-01	9.43E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	blood	COPD	0.4398	6.60E-01	8.48E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	Lung	COPD	0.4726	6.36E-01	8.32E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	blood	IPF	0.4398	6.60E-01	8.48E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	Lung	IPF	1.6911	9.08E-02	2.67E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	blood	LungCancer	0.4398	6.60E-01	8.48E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	Lung	LungCancer	0.2767	7.82E-01	9.29E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	blood	Snoring	0.4398	6.60E-01	8.48E-01
54	RAB24	53917	5	176723199	176735744	1.79E-05	Lung	Snoring	0.4398	6.60E-01	8.48E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	blood	Asthma	-0.5585	5.77E-01	7.91E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	Lung	Asthma	-1.1600	2.47E-01	4.96E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	blood	COPD	-0.5585	5.77E-01	7.91E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	Lung	COPD	1.3283	1.84E-01	4.21E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	blood	IPF	-0.5585	5.77E-01	7.91E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	Lung	IPF	1.3118	1.90E-01	4.26E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	blood	LungCancer	-0.5585	5.77E-01	7.91E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	Lung	LungCancer	-1.1725	2.41E-01	4.89E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	blood	Snoring	-0.5585	5.77E-01	7.91E-01
54	PRELID1	27166	5	176725763	176738960	1.37E-05	Lung	Snoring	-0.5585	5.77E-01	7.91E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	blood	Asthma	0.3422	7.32E-01	8.98E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	Lung	Asthma	10.2047	1.89E-24	4.00E-22
115	GPR183	1880	13	99941789	99964749	6.44E-15	blood	COPD	0.3422	7.32E-01	8.98E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	Lung	COPD	4.2779	1.89E-05	2.36E-04
115	GPR183	1880	13	99941789	99964749	6.44E-15	blood	IPF	0.3422	7.32E-01	8.98E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	Lung	IPF	-0.5241	6.00E-01	8.06E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	blood	LungCancer	0.3422	7.32E-01	8.98E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	Lung	LungCancer	0.9739	3.30E-01	5.85E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	blood	Snoring	0.3422	7.32E-01	8.98E-01
115	GPR183	1880	13	99941789	99964749	6.44E-15	Lung	Snoring	0.3422	7.32E-01	8.98E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	blood	Asthma	0.8285	4.07E-01	6.57E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	Lung	Asthma	-2.4409	1.46E-02	7.25E-02
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	blood	COPD	0.8285	4.07E-01	6.57E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	Lung	COPD	-3.9100	9.23E-05	9.00E-04
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	blood	IPF	0.8285	4.07E-01	6.57E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	Lung	IPF	-1.5524	1.21E-01	3.25E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	blood	LungCancer	0.8285	4.07E-01	6.57E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	Lung	LungCancer	-7.6300	2.37E-14	2.22E-12
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	blood	Snoring	0.8285	4.07E-01	6.57E-01
127	CHRNA5	1138	15	78852862	78892611	5.00E-10	Lung	Snoring	0.8285	4.07E-01	6.57E-01

24	GLB1	2720	3	33033100	33143694	4.06E-12	blood	Asthma	-0.0605	9.52E-01	9.84E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	Lung	Asthma	-3.5591	3.72E-04	3.14E-03
24	GLB1	2720	3	33033100	33143694	4.06E-12	blood	COPD	-0.0605	9.52E-01	9.84E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	Lung	COPD	-1.6370	1.02E-01	2.90E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	blood	IPF	-0.0605	9.52E-01	9.84E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	Lung	IPF	-1.4959	1.35E-01	3.53E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	blood	LungCancer	-0.0605	9.52E-01	9.84E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	Lung	LungCancer	0.1939	8.46E-01	9.54E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	blood	Snoring	-0.0605	9.52E-01	9.84E-01
24	GLB1	2720	3	33033100	33143694	4.06E-12	Lung	Snoring	-0.0605	9.52E-01	9.84E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	blood	Asthma	0.4853	6.27E-01	8.27E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	Lung	Asthma	-5.5394	3.03E-08	7.46E-07
136	ADORA2B	136	17	15843231	15884210	8.35E-07	blood	COPD	0.4853	6.27E-01	8.27E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	Lung	COPD	-2.3663	1.80E-02	8.60E-02
136	ADORA2B	136	17	15843231	15884210	8.35E-07	blood	IPF	0.4853	6.27E-01	8.27E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	Lung	IPF	-3.1686	1.53E-03	1.04E-02
136	ADORA2B	136	17	15843231	15884210	8.35E-07	blood	LungCancer	0.4853	6.27E-01	8.27E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	Lung	LungCancer	-0.0250	9.80E-01	9.93E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	blood	Snoring	0.4853	6.27E-01	8.27E-01
136	ADORA2B	136	17	15843231	15884210	8.35E-07	Lung	Snoring	0.4853	6.27E-01	8.27E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	blood	Asthma	0.7256	4.68E-01	7.16E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	Lung	Asthma	-0.3307	7.41E-01	9.04E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	blood	COPD	0.7256	4.68E-01	7.16E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	Lung	COPD	-0.9229	3.56E-01	6.11E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	blood	IPF	0.7256	4.68E-01	7.16E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	Lung	IPF	0.5172	6.05E-01	8.10E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	blood	LungCancer	0.7256	4.68E-01	7.16E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	Lung	LungCancer	-1.7887	7.37E-02	2.31E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	blood	Snoring	0.7256	4.68E-01	7.16E-01
105	SDR9C7	121214	12	57311938	57333189	1.33E-14	Lung	Snoring	0.7256	4.68E-01	7.16E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	blood	Asthma	-0.6325	5.27E-01	7.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	Lung	Asthma	-1.9096	5.62E-02	1.96E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	blood	COPD	-0.6325	5.27E-01	7.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	Lung	COPD	-0.1728	8.63E-01	9.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	blood	IPF	-0.6325	5.27E-01	7.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	Lung	IPF	-0.6167	5.37E-01	7.62E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	blood	LungCancer	-0.6325	5.27E-01	7.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	Lung	LungCancer	-1.2574	2.09E-01	4.50E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	blood	Snoring	-0.6325	5.27E-01	7.55E-01
151	FOXA3	3171	19	46362518	46382055	3.17E-05	Lung	Snoring	-0.6325	5.27E-01	7.55E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	blood	Asthma	1.2782	2.01E-01	4.39E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	Lung	Asthma	1.4025	1.61E-01	3.94E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	blood	COPD	1.2782	2.01E-01	4.39E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	Lung	COPD	1.3877	1.65E-01	4.01E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	blood	IPF	1.2782	2.01E-01	4.39E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	Lung	IPF	-1.3467	1.78E-01	4.15E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	blood	LungCancer	1.2782	2.01E-01	4.39E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	Lung	LungCancer	0.6594	5.10E-01	7.48E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	blood	Snoring	1.2782	2.01E-01	4.39E-01
76	XKR6	286046	8	10748654	11063875	2.95E-06	Lung	Snoring	1.2782	2.01E-01	4.39E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	blood	Asthma	-0.6114	5.41E-01	7.62E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	Lung	Asthma	18.8909	1.35E-79	4.29E-76
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	blood	COPD	-0.6114	5.41E-01	7.62E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	Lung	COPD	5.0322	4.85E-07	8.47E-06
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	blood	IPF	-0.6114	5.41E-01	7.62E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	Lung	IPF	-0.4347	6.64E-01	8.52E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	blood	LungCancer	-0.6114	5.41E-01	7.62E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	Lung	LungCancer	-0.1887	8.50E-01	9.55E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	blood	Snoring	-0.6114	5.41E-01	7.62E-01
137	ORMDL3	94103	17	38072294	38088884	3.89E-16	Lung	Snoring	-0.6114	5.41E-01	7.62E-01
156	CSDC2	27254	22	41952014	41977670	8.47E-11	blood	Asthma	-2.5936	9.50E-03	5.04E-02
156	CSDC2	27254	22	41952014	41977670	8.47E-11	Lung	Asthma	0.4068	6.84E-01	8.65E-01
156	CSDC2	27254	22	41952014	41977670	8.47E-11	blood	COPD	-2.5936	9.50E-03	5.04E-02
156	CSDC2	27254	22	41952014	41977670	8.47E-11	Lung	COPD	-1.7446	8.10E-02	2.47E-01
156	CSDC2	27254	22	41952014	41977670	8.47E-11	blood	IPF	-2.5936	9.50E-03	5.04E-02
156	CSDC2	27254	22	41952014	41977670	8.47E-11	Lung	IPF	-0.4698	6.39E-01	8.34E-01
156	CSDC2	27254	22	41952014	41977670	8.47E-11	blood	LungCancer	-2.5936	9.50E-03	5.04E-02
156	CSDC2	27254	22	41952014	41977670	8.47E-11	Lung	LungCancer	-0.3591	7.20E-01	8.95E-01
156	CSDC2	27254	22	41952014	41977670	8.47E-11	blood	Snoring	-2.5936	9.50E-03	5.04E-02
156	CSDC2	27254	22	41952014	41977670	8.47E-11	Lung	Snoring	-2.5936	9.50E-03	5.04E-02
86	CCL19	6363	9	34684567	34696274	2.14E-05	blood	Asthma	0.1490	8.82E-01	9.56E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	Lung	Asthma	-2.2174	2.66E-02	1.16E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	blood	COPD	0.1490	8.82E-01	9.56E-01

86	CCL19	6363	9	34684567	34696274	2.14E-05	Lung	COPD	-2.2010	2.77E-02	1.21E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	blood	IPF	0.1490	8.82E-01	9.56E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	Lung	IPF	-0.8639	3.88E-01	6.37E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	blood	LungCancer	0.1490	8.82E-01	9.56E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	Lung	LungCancer	0.6044	5.46E-01	7.64E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	blood	Snoring	0.1490	8.82E-01	9.56E-01
86	CCL19	6363	9	34684567	34696274	2.14E-05	Lung	Snoring	0.1490	8.82E-01	9.56E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	blood	Asthma	0.6492	5.16E-01	7.53E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	Lung	Asthma	-1.0200	3.08E-01	5.63E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	blood	COPD	0.6492	5.16E-01	7.53E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	Lung	COPD	-3.0600	2.21E-03	1.41E-02
97	OVOL1	5017	11	65549505	65569690	3.04E-09	blood	IPF	0.6492	5.16E-01	7.53E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	Lung	IPF	0.7080	4.79E-01	7.27E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	blood	LungCancer	0.6492	5.16E-01	7.53E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	Lung	LungCancer	-1.9239	5.44E-02	1.94E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	blood	Snoring	0.6492	5.16E-01	7.53E-01
97	OVOL1	5017	11	65549505	65569690	3.04E-09	Lung	Snoring	0.6492	5.16E-01	7.53E-01
25	DAG1	1605	3	49501136	49578051	3.06E-06	blood	Asthma	-3.2152	1.30E-03	9.22E-03
25	DAG1	1605	3	49501136	49578051	3.06E-06	Lung	Asthma	-3.0690	2.15E-03	1.38E-02
25	DAG1	1605	3	49501136	49578051	3.06E-06	blood	COPD	-3.2152	1.30E-03	9.22E-03
25	DAG1	1605	3	49501136	49578051	3.06E-06	Lung	COPD	-4.8252	1.40E-06	2.33E-05
25	DAG1	1605	3	49501136	49578051	3.06E-06	blood	IPF	-3.2152	1.30E-03	9.22E-03
25	DAG1	1605	3	49501136	49578051	3.06E-06	Lung	IPF	-0.9543	3.40E-01	5.98E-01
25	DAG1	1605	3	49501136	49578051	3.06E-06	blood	LungCancer	-3.2152	1.30E-03	9.22E-03
25	DAG1	1605	3	49501136	49578051	3.06E-06	Lung	LungCancer	-2.5217	1.17E-02	6.04E-02
25	DAG1	1605	3	49501136	49578051	3.06E-06	blood	Snoring	-3.2152	1.30E-03	9.22E-03
25	DAG1	1605	3	49501136	49578051	3.06E-06	Lung	Snoring	-3.2152	1.30E-03	9.22E-03
25	GMPPB	29925	3	49753909	49766407	4.01E-07	blood	Asthma	4.1618	3.16E-05	3.71E-04
25	GMPPB	29925	3	49753909	49766407	4.01E-07	Lung	Asthma	2.0638	3.90E-02	1.53E-01
25	GMPPB	29925	3	49753909	49766407	4.01E-07	blood	COPD	4.1618	3.16E-05	3.71E-04
25	GMPPB	29925	3	49753909	49766407	4.01E-07	Lung	COPD	5.1327	2.86E-07	5.08E-06
25	GMPPB	29925	3	49753909	49766407	4.01E-07	blood	IPF	4.1618	3.16E-05	3.71E-04
25	GMPPB	29925	3	49753909	49766407	4.01E-07	Lung	IPF	-0.3520	7.25E-01	8.97E-01
25	GMPPB	29925	3	49753909	49766407	4.01E-07	blood	LungCancer	4.1618	3.16E-05	3.71E-04
25	GMPPB	29925	3	49753909	49766407	4.01E-07	Lung	LungCancer	2.4344	1.49E-02	7.38E-02
25	GMPPB	29925	3	49753909	49766407	4.01E-07	blood	Snoring	4.1618	3.16E-05	3.71E-04
25	GMPPB	29925	3	49753909	49766407	4.01E-07	Lung	Snoring	4.1618	3.16E-05	3.71E-04
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	blood	Asthma	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	Lung	Asthma	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	blood	COPD	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	Lung	COPD	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	blood	IPF	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	Lung	IPF	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	blood	LungCancer	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	Lung	LungCancer	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	blood	Snoring	NA	NA	NA
140	PHOSPHO1	162466	17	47295728	47314009	5.91E-06	Lung	Snoring	NA	NA	NA
139	HOXB2	3212	17	46615017	46627393	1.24E-08	blood	Asthma	5.5501	2.85E-08	7.08E-07
139	HOXB2	3212	17	46615017	46627393	1.24E-08	Lung	Asthma	2.5510	1.07E-02	5.57E-02
139	HOXB2	3212	17	46615017	46627393	1.24E-08	blood	COPD	5.5501	2.85E-08	7.08E-07
139	HOXB2	3212	17	46615017	46627393	1.24E-08	Lung	COPD	1.1821	2.37E-01	4.85E-01
139	HOXB2	3212	17	46615017	46627393	1.24E-08	blood	IPF	5.5501	2.85E-08	7.08E-07
139	HOXB2	3212	17	46615017	46627393	1.24E-08	Lung	IPF	0.9177	3.59E-01	6.15E-01
139	HOXB2	3212	17	46615017	46627393	1.24E-08	blood	LungCancer	5.5501	2.85E-08	7.08E-07
139	HOXB2	3212	17	46615017	46627393	1.24E-08	Lung	LungCancer	2.8992	3.74E-03	2.24E-02
139	HOXB2	3212	17	46615017	46627393	1.24E-08	blood	Snoring	5.5501	2.85E-08	7.08E-07
139	HOXB2	3212	17	46615017	46627393	1.24E-08	Lung	Snoring	5.5501	2.85E-08	7.08E-07
137	TCAP	8557	17	37816599	37827807	1.49E-08	blood	Asthma	-1.1637	2.45E-01	4.92E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	Lung	Asthma	3.3173	9.09E-04	6.98E-03
137	TCAP	8557	17	37816599	37827807	1.49E-08	blood	COPD	-1.1637	2.45E-01	4.92E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	Lung	COPD	-0.0132	9.90E-01	9.94E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	blood	IPF	-1.1637	2.45E-01	4.92E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	Lung	IPF	0.3571	7.21E-01	8.96E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	blood	LungCancer	-1.1637	2.45E-01	4.92E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	Lung	LungCancer	0.3283	7.43E-01	9.05E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	blood	Snoring	-1.1637	2.45E-01	4.92E-01
137	TCAP	8557	17	37816599	37827807	1.49E-08	Lung	Snoring	-1.1637	2.45E-01	4.92E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	blood	Asthma	-0.3318	7.40E-01	9.03E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	Lung	Asthma	-3.3888	7.02E-04	5.66E-03
32	NRROS	375387	3	196361656	196393875	5.51E-09	blood	COPD	-0.3318	7.40E-01	9.03E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	Lung	COPD	-0.8090	4.19E-01	6.70E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	blood	IPF	-0.3318	7.40E-01	9.03E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	Lung	IPF	-0.2707	7.87E-01	9.29E-01

32	NRROS	375387	3	196361656	196393875	5.51E-09	blood	LungCancer	-0.3318	7.40E-01	9.03E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	Lung	LungCancer	-0.1139	9.09E-01	9.66E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	blood	Snoring	-0.3318	7.40E-01	9.03E-01
32	NRROS	375387	3	196361656	196393875	5.51E-09	Lung	Snoring	-0.3318	7.40E-01	9.03E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	blood	Asthma	0.1300	8.97E-01	9.63E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	Lung	Asthma	1.0592	2.90E-01	5.47E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	blood	COPD	0.1300	8.97E-01	9.63E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	Lung	COPD	2.1787	2.94E-02	1.27E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	blood	IPF	0.1300	8.97E-01	9.63E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	Lung	IPF	0.6292	5.29E-01	7.55E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	blood	LungCancer	0.1300	8.97E-01	9.63E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	Lung	LungCancer	0.0226	9.82E-01	9.93E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	blood	Snoring	0.1300	8.97E-01	9.63E-01
107	MSRB3	253827	12	65667423	65865687	1.17E-13	Lung	Snoring	0.1300	8.97E-01	9.63E-01
34	TLR10	81793	4	38768860	38789611	5.03E-12	blood	Asthma	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	Lung	Asthma	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	blood	COPD	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	Lung	COPD	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	blood	IPF	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	Lung	IPF	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	blood	LungCancer	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	Lung	LungCancer	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	blood	Snoring	NA	NA	NA
34	TLR10	81793	4	38768860	38789611	5.03E-12	Lung	Snoring	NA	NA	NA
34	TLR1	7096	4	38792876	38811814	3.34E-13	blood	Asthma	-0.2829	7.77E-01	9.28E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	Lung	Asthma	-3.1018	1.92E-03	1.25E-02
34	TLR1	7096	4	38792876	38811814	3.34E-13	blood	COPD	-0.2829	7.77E-01	9.28E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	Lung	COPD	0.2121	8.32E-01	9.46E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	blood	IPF	-0.2829	7.77E-01	9.28E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	Lung	IPF	0.6998	4.84E-01	7.30E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	blood	LungCancer	-0.2829	7.77E-01	9.28E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	Lung	LungCancer	-0.5277	5.98E-01	8.04E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	blood	Snoring	-0.2829	7.77E-01	9.28E-01
34	TLR1	7096	4	38792876	38811814	3.34E-13	Lung	Snoring	-0.2829	7.77E-01	9.28E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	blood	Asthma	-1.8326	6.69E-02	2.19E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	Lung	Asthma	-3.3738	7.41E-04	5.85E-03
34	TLR6	10333	4	38820325	38863438	1.75E-07	blood	COPD	-1.8326	6.69E-02	2.19E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	Lung	COPD	0.3778	7.06E-01	8.84E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	blood	IPF	-1.8326	6.69E-02	2.19E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	Lung	IPF	1.5123	1.30E-01	3.43E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	blood	LungCancer	-1.8326	6.69E-02	2.19E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	Lung	LungCancer	-0.7833	4.60E-01	7.11E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	blood	Snoring	-1.8326	6.69E-02	2.19E-01
34	TLR6	10333	4	38820325	38863438	1.75E-07	Lung	Snoring	-1.8326	6.69E-02	2.19E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	blood	Asthma	-0.3471	7.29E-01	8.98E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	Lung	Asthma	-0.7068	4.80E-01	7.28E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	blood	COPD	-0.3471	7.29E-01	8.98E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	Lung	COPD	-1.0909	2.75E-01	5.26E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	blood	IPF	-0.3471	7.29E-01	8.98E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	Lung	IPF	-1.5691	1.17E-01	3.16E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	blood	LungCancer	-0.3471	7.29E-01	8.98E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	Lung	LungCancer	0.5473	5.84E-01	7.94E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	blood	Snoring	-0.3471	7.29E-01	8.98E-01
28	TRMT10C	54931	3	101275680	101290290	1.09E-05	Lung	Snoring	-0.3471	7.29E-01	8.98E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	blood	Asthma	-0.9119	3.62E-01	6.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	Lung	Asthma	-0.8716	3.83E-01	6.31E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	blood	COPD	-0.9119	3.62E-01	6.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	Lung	COPD	0.3124	7.55E-01	9.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	blood	IPF	-0.9119	3.62E-01	6.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	Lung	IPF	6.1800	6.24E-10	4.22E-08
94	BRSK2	9024	11	1406129	1488919	5.95E-10	blood	LungCancer	-0.9119	3.62E-01	6.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	Lung	LungCancer	1.1479	2.51E-01	5.03E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	blood	Snoring	-0.9119	3.62E-01	6.15E-01
94	BRSK2	9024	11	1406129	1488919	5.95E-10	Lung	Snoring	-0.9119	3.62E-01	6.15E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	blood	Asthma	-0.0012	9.99E-01	9.99E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	Lung	Asthma	-1.5634	1.18E-01	3.18E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	blood	COPD	-0.0012	9.99E-01	9.99E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	Lung	COPD	-0.2781	7.81E-01	9.29E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	blood	IPF	-0.0012	9.99E-01	9.99E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	Lung	IPF	-1.7100	8.66E-02	2.59E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	blood	LungCancer	-0.0012	9.99E-01	9.99E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	Lung	LungCancer	-0.1540	8.78E-01	9.56E-01
131	ORA13	93129	16	30955405	30971259	3.16E-11	blood	Snoring	-0.0012	9.99E-01	9.99E-01

131	ORA13	93129	16	30955405	30971259	3.16E-11	Lung	Snoring	-0.0012	9.99E-01	9.99E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	blood	Asthma	-2.1308	3.31E-02	1.36E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	Lung	Asthma	-3.7609	1.69E-04	1.49E-03
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	blood	COPD	-2.1308	3.31E-02	1.36E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	Lung	COPD	0.3737	7.09E-01	8.85E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	blood	IPF	-2.1308	3.31E-02	1.36E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	Lung	IPF	-1.0159	3.10E-01	5.64E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	blood	LungCancer	-2.1308	3.31E-02	1.36E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	Lung	LungCancer	0.0419	9.67E-01	9.91E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	blood	Snoring	-2.1308	3.31E-02	1.36E-01
1	B3GALT6	126792	1	1162629	1175421	1.91E-05	Lung	Snoring	-2.1308	3.31E-02	1.36E-01
25	IP6K1	9807	3	49756728	49828973	2.65E-08	blood	Asthma	4.0111	6.04E-05	6.25E-04
25	IP6K1	9807	3	49756728	49828973	2.65E-08	Lung	Asthma	2.0520	4.02E-02	1.57E-01
25	IP6K1	9807	3	49756728	49828973	2.65E-08	blood	COPD	4.0111	6.04E-05	6.25E-04
25	IP6K1	9807	3	49756728	49828973	2.65E-08	Lung	COPD	4.9856	6.18E-07	1.07E-05
25	IP6K1	9807	3	49756728	49828973	2.65E-08	blood	IPF	4.0111	6.04E-05	6.25E-04
25	IP6K1	9807	3	49756728	49828973	2.65E-08	Lung	IPF	-0.2745	7.84E-01	9.29E-01
25	IP6K1	9807	3	49756728	49828973	2.65E-08	blood	LungCancer	4.0111	6.04E-05	6.25E-04
25	IP6K1	9807	3	49756728	49828973	2.65E-08	Lung	LungCancer	2.8371	4.55E-03	2.70E-02
25	IP6K1	9807	3	49756728	49828973	2.65E-08	blood	Snoring	4.0111	6.04E-05	6.25E-04
25	IP6K1	9807	3	49756728	49828973	2.65E-08	Lung	Snoring	4.0111	6.04E-05	6.25E-04
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	blood	Asthma	0.3374	7.36E-01	9.00E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	Lung	Asthma	0.1140	9.09E-01	9.66E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	blood	COPD	0.3374	7.36E-01	9.00E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	Lung	COPD	1.6557	9.78E-02	2.83E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	blood	IPF	0.3374	7.36E-01	9.00E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	Lung	IPF	-3.2183	1.29E-03	9.22E-03
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	blood	LungCancer	0.3374	7.36E-01	9.00E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	Lung	LungCancer	-0.8426	3.99E-01	6.51E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	blood	Snoring	0.3374	7.36E-01	9.00E-01
138	LRRC37A	9884	17	44311744	44420160	1.47E-10	Lung	Snoring	0.3374	7.36E-01	9.00E-01
95	BDNF	627	11	27671440	27748605	2.38E-09	blood	Asthma	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	Lung	Asthma	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	blood	COPD	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	Lung	COPD	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	blood	IPF	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	Lung	IPF	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	blood	LungCancer	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	Lung	LungCancer	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	blood	Snoring	NA	NA	NA
95	BDNF	627	11	27671440	27748605	2.38E-09	Lung	Snoring	NA	NA	NA
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	blood	Asthma	-1.5425	1.23E-01	3.29E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	Lung	Asthma	0.8891	3.74E-01	6.27E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	blood	COPD	-1.5425	1.23E-01	3.29E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	Lung	COPD	-0.2158	8.29E-01	9.43E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	blood	IPF	-1.5425	1.23E-01	3.29E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	Lung	IPF	1.0546	2.92E-01	5.47E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	blood	LungCancer	-1.5425	1.23E-01	3.29E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	Lung	LungCancer	0.0915	9.27E-01	9.70E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	blood	Snoring	-1.5425	1.23E-01	3.29E-01
30	TBL1XR1	79718	3	176733542	176920048	1.62E-05	Lung	Snoring	-1.5425	1.23E-01	3.29E-01
131	PRSS36	146547	16	31145244	31166415	1.15E-11	blood	Asthma	-4.0841	4.42E-05	4.91E-04
131	PRSS36	146547	16	31145244	31166415	1.15E-11	Lung	Asthma	-2.5710	1.01E-02	5.30E-02
131	PRSS36	146547	16	31145244	31166415	1.15E-11	blood	COPD	-4.0841	4.42E-05	4.91E-04
131	PRSS36	146547	16	31145244	31166415	1.15E-11	Lung	COPD	-1.3696	1.71E-01	4.04E-01
131	PRSS36	146547	16	31145244	31166415	1.15E-11	blood	IPF	-4.0841	4.42E-05	4.91E-04
131	PRSS36	146547	16	31145244	31166415	1.15E-11	Lung	IPF	0.4430	6.58E-01	8.48E-01
131	PRSS36	146547	16	31145244	31166415	1.15E-11	blood	LungCancer	-4.0841	4.42E-05	4.91E-04
131	PRSS36	146547	16	31145244	31166415	1.15E-11	Lung	LungCancer	-2.2300	2.60E-02	1.14E-01
131	PRSS36	146547	16	31145244	31166415	1.15E-11	blood	Snoring	-4.0841	4.42E-05	4.91E-04
131	PRSS36	146547	16	31145244	31166415	1.15E-11	Lung	Snoring	-4.0841	4.42E-05	4.91E-04
84	GLDC	2731	9	6527464	6650692	8.36E-07	blood	Asthma	1.3700	1.71E-01	4.04E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	Lung	Asthma	2.2053	2.74E-02	1.20E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	blood	COPD	1.3700	1.71E-01	4.04E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	Lung	COPD	0.0738	9.41E-01	9.79E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	blood	IPF	1.3700	1.71E-01	4.04E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	Lung	IPF	2.4271	1.52E-02	7.50E-02
84	GLDC	2731	9	6527464	6650692	8.36E-07	blood	LungCancer	1.3700	1.71E-01	4.04E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	Lung	LungCancer	-0.1726	8.63E-01	9.55E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	blood	Snoring	1.3700	1.71E-01	4.04E-01
84	GLDC	2731	9	6527464	6650692	8.36E-07	Lung	Snoring	1.3700	1.71E-01	4.04E-01
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	blood	Asthma	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	Lung	Asthma	NA	NA	NA



58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	blood	COPD	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	Lung	COPD	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	blood	IPF	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	Lung	IPF	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	blood	LungCancer	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	Lung	LungCancer	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	blood	Snoring	NA	NA	NA
58	HIST1H2AC	8334	6	26119370	26144337	1.52E-06	Lung	Snoring	NA	NA	NA
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	blood	Asthma	0.0301	9.76E-01	9.92E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	Lung	Asthma	0.9205	3.57E-01	6.12E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	blood	COPD	0.0301	9.76E-01	9.92E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	Lung	COPD	1.5973	1.10E-01	3.03E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	blood	IPF	0.0301	9.76E-01	9.92E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	Lung	IPF	0.3853	7.00E-01	8.81E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	blood	LungCancer	0.0301	9.76E-01	9.92E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	Lung	LungCancer	1.6263	1.04E-01	2.93E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	blood	Snoring	0.0301	9.76E-01	9.92E-01
58	HIST1H2BC	8347	6	26108389	26129266	1.06E-06	Lung	Snoring	0.0301	9.76E-01	9.92E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	blood	Asthma	1.6085	1.08E-01	2.97E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	Lung	Asthma	8.6489	5.20E-18	7.19E-16
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	blood	COPD	1.6085	1.08E-01	2.97E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	Lung	COPD	2.6532	7.97E-03	4.36E-02
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	blood	IPF	1.6085	1.08E-01	2.97E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	Lung	IPF	-3.2995	9.68E-04	7.38E-03
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	blood	LungCancer	1.6085	1.08E-01	2.97E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	Lung	LungCancer	-0.4553	6.49E-01	8.44E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	blood	Snoring	1.6085	1.08E-01	2.97E-01
22	D2HGDH	728294	2	242669030	242713231	9.68E-06	Lung	Snoring	1.6085	1.08E-01	2.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	blood	Asthma	-0.3526	7.24E-01	8.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	Lung	Asthma	2.0608	3.93E-02	1.54E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	blood	COPD	-0.3526	7.24E-01	8.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	Lung	COPD	1.9594	5.01E-02	1.81E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	blood	IPF	-0.3526	7.24E-01	8.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	Lung	IPF	-0.3284	7.43E-01	9.05E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	blood	LungCancer	-0.3526	7.24E-01	8.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	Lung	LungCancer	1.7839	7.44E-02	2.33E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	blood	Snoring	-0.3526	7.24E-01	8.97E-01
138	ACBD4	79777	17	43204967	43226548	1.01E-06	Lung	Snoring	-0.3526	7.24E-01	8.97E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	blood	Asthma	-2.0211	4.33E-02	1.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	Lung	Asthma	5.2360	1.64E-07	3.18E-06
144	TMEM259	91304	19	1004650	1026173	2.28E-06	blood	COPD	-2.0211	4.33E-02	1.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	Lung	COPD	3.3065	9.45E-04	7.24E-03
144	TMEM259	91304	19	1004650	1026173	2.28E-06	blood	IPF	-2.0211	4.33E-02	1.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	Lung	IPF	-0.1203	9.04E-01	9.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	blood	LungCancer	-2.0211	4.33E-02	1.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	Lung	LungCancer	-1.6040	1.09E-01	3.00E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	blood	Snoring	-2.0211	4.33E-02	1.64E-01
144	TMEM259	91304	19	1004650	1026173	2.28E-06	Lung	Snoring	-2.0211	4.33E-02	1.64E-01
129	DEXI	28955	16	11017748	11041257	1.97E-11	blood	Asthma	-2.6571	7.88E-03	4.33E-02
129	DEXI	28955	16	11017748	11041257	1.97E-11	Lung	Asthma	-3.6752	2.38E-04	2.09E-03
129	DEXI	28955	16	11017748	11041257	1.97E-11	blood	COPD	-2.6571	7.88E-03	4.33E-02
129	DEXI	28955	16	11017748	11041257	1.97E-11	Lung	COPD	-1.9788	4.78E-02	1.79E-01
129	DEXI	28955	16	11017748	11041257	1.97E-11	blood	IPF	-2.6571	7.88E-03	4.33E-02
129	DEXI	28955	16	11017748	11041257	1.97E-11	Lung	IPF	2.1000	3.61E-02	1.44E-01
129	DEXI	28955	16	11017748	11041257	1.97E-11	blood	LungCancer	-2.6571	7.88E-03	4.33E-02
129	DEXI	28955	16	11017748	11041257	1.97E-11	Lung	LungCancer	0.2640	7.92E-01	9.29E-01
129	DEXI	28955	16	11017748	11041257	1.97E-11	blood	Snoring	-2.6571	7.88E-03	4.33E-02
129	DEXI	28955	16	11017748	11041257	1.97E-11	Lung	Snoring	-2.6571	7.88E-03	4.33E-02
25	UBA7	7318	3	49837638	49856391	1.21E-09	blood	Asthma	-1.8125	6.99E-02	2.26E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	Lung	Asthma	-4.2648	2.00E-05	2.49E-04
25	UBA7	7318	3	49837638	49856391	1.21E-09	blood	COPD	-1.8125	6.99E-02	2.26E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	Lung	COPD	-4.2571	2.07E-05	2.57E-04
25	UBA7	7318	3	49837638	49856391	1.21E-09	blood	IPF	-1.8125	6.99E-02	2.26E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	Lung	IPF	-1.1763	2.39E-01	4.85E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	blood	LungCancer	-1.8125	6.99E-02	2.26E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	Lung	LungCancer	-2.3491	1.88E-02	8.93E-02
25	UBA7	7318	3	49837638	49856391	1.21E-09	blood	Snoring	-1.8125	6.99E-02	2.26E-01
25	UBA7	7318	3	49837638	49856391	1.21E-09	Lung	Snoring	-1.8125	6.99E-02	2.26E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	blood	Asthma	-1.0733	2.83E-01	5.38E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	Lung	Asthma	-0.3412	7.33E-01	8.99E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	blood	COPD	-1.0733	2.83E-01	5.38E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	Lung	COPD	1.9638	4.96E-02	1.81E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	blood	IPF	-1.0733	2.83E-01	5.38E-01

116	RAD51B	5890	14	68281496	69154889	1.96E-08	Lung	IPF	1.5157	1.30E-01	3.41E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	blood	LungCancer	-1.0733	2.83E-01	5.38E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	Lung	LungCancer	1.5626	1.18E-01	3.18E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	blood	Snoring	-1.0733	2.83E-01	5.38E-01
116	RAD51B	5890	14	68281496	69154889	1.96E-08	Lung	Snoring	-1.0733	2.83E-01	5.38E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	blood	Asthma	-0.7730	4.40E-01	6.91E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	Lung	Asthma	5.9237	3.15E-09	1.56E-07
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	blood	COPD	-0.7730	4.40E-01	6.91E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	Lung	COPD	0.9129	3.61E-01	6.15E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	blood	IPF	-0.7730	4.40E-01	6.91E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	Lung	IPF	-0.3526	7.24E-01	8.97E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	blood	LungCancer	-0.7730	4.40E-01	6.91E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	Lung	LungCancer	1.2937	1.96E-01	4.34E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	blood	Snoring	-0.7730	4.40E-01	6.91E-01
109	ARL6IP4	51329	12	123459607	123472460	3.97E-08	Lung	Snoring	-0.7730	4.40E-01	6.91E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	blood	Asthma	0.6533	5.14E-01	7.52E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	Lung	Asthma	0.5420	5.88E-01	7.95E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	blood	COPD	0.6533	5.14E-01	7.52E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	Lung	COPD	-0.2569	7.97E-01	9.32E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	blood	IPF	0.6533	5.14E-01	7.52E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	Lung	IPF	0.0234	9.81E-01	9.93E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	blood	LungCancer	0.6533	5.14E-01	7.52E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	Lung	LungCancer	-0.2530	8.00E-01	9.32E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	blood	Snoring	0.6533	5.14E-01	7.52E-01
139	HOXB4	3214	17	46647869	46660743	5.23E-09	Lung	Snoring	0.6533	5.14E-01	7.52E-01
25	TRAI	10293	3	49861028	49898992	4.03E-08	blood	Asthma	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	Lung	Asthma	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	blood	COPD	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	Lung	COPD	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	blood	IPF	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	Lung	IPF	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	blood	LungCancer	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	Lung	LungCancer	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	blood	Snoring	NA	NA	NA
25	TRAI	10293	3	49861028	49898992	4.03E-08	Lung	Snoring	NA	NA	NA
156	TOB2	10766	22	41824492	41849234	5.87E-13	blood	Asthma	1.4646	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	Lung	Asthma	2.5585	1.05E-02	5.48E-02
156	TOB2	10766	22	41824492	41849234	5.87E-13	blood	COPD	1.4646	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	Lung	COPD	1.4647	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	blood	IPF	1.4646	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	Lung	IPF	1.4351	1.51E-01	3.77E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	blood	LungCancer	1.4646	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	Lung	LungCancer	0.4237	6.72E-01	8.59E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	blood	Snoring	1.4646	1.43E-01	3.63E-01
156	TOB2	10766	22	41824492	41849234	5.87E-13	Lung	Snoring	1.4646	1.43E-01	3.63E-01
156	C22orf46	79640	22	42081547	42099140	8.75E-10	blood	Asthma	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	Lung	Asthma	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	blood	COPD	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	Lung	COPD	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	blood	IPF	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	Lung	IPF	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	blood	LungCancer	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	Lung	LungCancer	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	blood	Snoring	NA	NA	NA
156	C22orf46	79640	22	42081547	42099140	8.75E-10	Lung	Snoring	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	blood	Asthma	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	Lung	Asthma	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	blood	COPD	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	Lung	COPD	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	blood	IPF	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	Lung	IPF	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	blood	LungCancer	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	Lung	LungCancer	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	blood	Snoring	NA	NA	NA
58	HIST1H1B	3009	6	27829570	27840359	1.35E-08	Lung	Snoring	NA	NA	NA
138	SPATA32	124783	17	43326760	43344479	6.65E-09	blood	Asthma	-0.8565	3.92E-01	6.41E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	Lung	Asthma	3.8790	1.05E-04	9.67E-04
138	SPATA32	124783	17	43326760	43344479	6.65E-09	blood	COPD	-0.8565	3.92E-01	6.41E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	Lung	COPD	2.2732	2.30E-02	1.03E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	blood	IPF	-0.8565	3.92E-01	6.41E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	Lung	IPF	2.5210	1.17E-02	6.04E-02
138	SPATA32	124783	17	43326760	43344479	6.65E-09	blood	LungCancer	-0.8565	3.92E-01	6.41E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	Lung	LungCancer	-1.7091	8.74E-02	2.60E-01

138	SPATA32	124783	17	43326760	43344479	6.65E-09	blood	Snoring	-0.8565	3.92E-01	6.41E-01
138	SPATA32	124783	17	43326760	43344479	6.65E-09	Lung	Snoring	-0.8565	3.92E-01	6.41E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	blood	Asthma	1.8769	6.05E-02	2.05E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	Lung	Asthma	-1.2574	2.09E-01	4.50E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	blood	COPD	1.8769	6.05E-02	2.05E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	Lung	COPD	0.4863	6.27E-01	8.27E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	blood	IPF	1.8769	6.05E-02	2.05E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	Lung	IPF	0.2211	8.25E-01	9.43E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	blood	LungCancer	1.8769	6.05E-02	2.05E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	Lung	LungCancer	-4.9149	8.88E-07	1.50E-05
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	blood	Snoring	1.8769	6.05E-02	2.05E-01
58	HIST1H2BL	8340	6	27770257	27780709	7.61E-08	Lung	Snoring	1.8769	6.05E-02	2.05E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	blood	Asthma	-0.2183	8.27E-01	9.43E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	Lung	Asthma	-0.2051	8.38E-01	9.52E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	blood	COPD	-0.2183	8.27E-01	9.43E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	Lung	COPD	-0.8638	3.88E-01	6.37E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	blood	IPF	-0.2183	8.27E-01	9.43E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	Lung	IPF	-0.2115	8.33E-01	9.47E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	blood	LungCancer	-0.2183	8.27E-01	9.43E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	Lung	LungCancer	0.2940	7.69E-01	9.23E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	blood	Snoring	-0.2183	8.27E-01	9.43E-01
127	MORF4L1	10933	15	79127903	79195081	6.11E-09	Lung	Snoring	-0.2183	8.27E-01	9.43E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	blood	Asthma	-0.8986	3.69E-01	6.23E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	Lung	Asthma	0.7562	4.50E-01	6.98E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	blood	COPD	-0.8986	3.69E-01	6.23E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	Lung	COPD	-0.4745	6.35E-01	8.32E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	blood	IPF	-0.8986	3.69E-01	6.23E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	Lung	IPF	-1.0910	2.75E-01	5.26E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	blood	LungCancer	-0.8986	3.69E-01	6.23E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	Lung	LungCancer	-0.3620	7.17E-01	8.94E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	blood	Snoring	-0.8986	3.69E-01	6.23E-01
151	DMWD	1762	19	46281205	46301060	1.23E-05	Lung	Snoring	-0.8986	3.69E-01	6.23E-01
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	blood	Asthma	4.0401	5.34E-05	5.68E-04
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	Lung	Asthma	-0.5661	5.71E-01	7.87E-01
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	blood	COPD	4.0401	5.34E-05	5.68E-04
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	Lung	COPD	3.5249	4.24E-04	3.55E-03
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	blood	IPF	4.0401	5.34E-05	5.68E-04
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	Lung	IPF	-1.2556	2.09E-01	4.50E-01
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	blood	LungCancer	4.0401	5.34E-05	5.68E-04
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	Lung	LungCancer	2.7138	6.65E-03	3.73E-02
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	blood	Snoring	4.0401	5.34E-05	5.68E-04
25	KLHDC8B	200942	3	49203987	49218919	1.42E-06	Lung	Snoring	4.0401	5.34E-05	5.68E-04
112	DLEU7	220107	13	51281759	51422885	8.10E-06	blood	Asthma	4.6741	2.95E-06	4.34E-05
112	DLEU7	220107	13	51281759	51422885	8.10E-06	Lung	Asthma	-0.5850	5.59E-01	7.77E-01
112	DLEU7	220107	13	51281759	51422885	8.10E-06	blood	COPD	4.6741	2.95E-06	4.34E-05
112	DLEU7	220107	13	51281759	51422885	8.10E-06	Lung	COPD	-1.3789	1.68E-01	4.04E-01
112	DLEU7	220107	13	51281759	51422885	8.10E-06	blood	IPF	4.6741	2.95E-06	4.34E-05
112	DLEU7	220107	13	51281759	51422885	8.10E-06	Lung	IPF	-1.7671	7.72E-02	2.38E-01
112	DLEU7	220107	13	51281759	51422885	8.10E-06	blood	LungCancer	4.6741	2.95E-06	4.34E-05
112	DLEU7	220107	13	51281759	51422885	8.10E-06	Lung	LungCancer	-2.0364	4.17E-02	1.60E-01
112	DLEU7	220107	13	51281759	51422885	8.10E-06	blood	Snoring	4.6741	2.95E-06	4.34E-05
112	DLEU7	220107	13	51281759	51422885	8.10E-06	Lung	Snoring	4.6741	2.95E-06	4.34E-05
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	blood	Asthma	1.3200	1.87E-01	4.21E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	Lung	Asthma	-3.3457	8.21E-04	6.38E-03
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	blood	COPD	1.3200	1.87E-01	4.21E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	Lung	COPD	-1.0380	2.99E-01	5.53E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	blood	IPF	1.3200	1.87E-01	4.21E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	Lung	IPF	-3.3280	8.75E-04	6.77E-03
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	blood	LungCancer	1.3200	1.87E-01	4.21E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	Lung	LungCancer	-3.8825	1.03E-04	9.64E-04
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	blood	Snoring	1.3200	1.87E-01	4.21E-01
58	BTN3A2	11118	6	26360387	26383548	1.22E-05	Lung	Snoring	1.3200	1.87E-01	4.21E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	blood	Asthma	-0.1928	8.47E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	Lung	Asthma	-0.1941	8.46E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	blood	COPD	-0.1928	8.47E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	Lung	COPD	-1.9732	4.85E-02	1.81E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	blood	IPF	-0.1928	8.47E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	Lung	IPF	-0.2998	7.64E-01	9.20E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	blood	LungCancer	-0.1928	8.47E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	Lung	LungCancer	-0.8407	4.01E-01	6.53E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	blood	Snoring	-0.1928	8.47E-01	9.54E-01
1	TNFRSF4	7293	1	1141706	1154703	4.10E-07	Lung	Snoring	-0.1928	8.47E-01	9.54E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	blood	Asthma	0.9845	3.25E-01	5.81E-01

138	HEXIM1	10614	17	43219684	43234468	3.07E-07	Lung	Asthma	-5.8619	4.58E-09	1.80E-07
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	blood	COPD	0.9845	3.25E-01	5.81E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	Lung	COPD	-3.5885	3.33E-04	2.87E-03
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	blood	IPF	0.9845	3.25E-01	5.81E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	Lung	IPF	-0.3477	7.28E-01	8.98E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	blood	LungCancer	0.9845	3.25E-01	5.81E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	Lung	LungCancer	0.0291	9.77E-01	9.92E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	blood	Snoring	0.9845	3.25E-01	5.81E-01
138	HEXIM1	10614	17	43219684	43234468	3.07E-07	Lung	Snoring	0.9845	3.25E-01	5.81E-01
138	MAPT	4137	17	43966702	44110700	4.76E-13	blood	Asthma	6.1256	9.04E-10	5.42E-08
138	MAPT	4137	17	43966702	44110700	4.76E-13	Lung	Asthma	-1.1357	2.56E-01	5.11E-01
138	MAPT	4137	17	43966702	44110700	4.76E-13	blood	COPD	6.1256	9.04E-10	5.42E-08
138	MAPT	4137	17	43966702	44110700	4.76E-13	Lung	COPD	2.8238	4.75E-03	2.80E-02
138	MAPT	4137	17	43966702	44110700	4.76E-13	blood	IPF	6.1256	9.04E-10	5.42E-08
138	MAPT	4137	17	43966702	44110700	4.76E-13	Lung	IPF	-5.4711	4.47E-08	1.08E-06
138	MAPT	4137	17	43966702	44110700	4.76E-13	blood	LungCancer	6.1256	9.04E-10	5.42E-08
138	MAPT	4137	17	43966702	44110700	4.76E-13	Lung	LungCancer	-1.8902	5.87E-02	2.03E-01
138	MAPT	4137	17	43966702	44110700	4.76E-13	blood	Snoring	6.1256	9.04E-10	5.42E-08
138	MAPT	4137	17	43966702	44110700	4.76E-13	Lung	Snoring	6.1256	9.04E-10	5.42E-08
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	blood	Asthma	-1.3684	1.71E-01	4.04E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	Lung	Asthma	-3.5542	3.79E-04	3.19E-03
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	blood	COPD	-1.3684	1.71E-01	4.04E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	Lung	COPD	-1.2571	2.09E-01	4.50E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	blood	IPF	-1.3684	1.71E-01	4.04E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	Lung	IPF	-1.8089	7.05E-02	2.27E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	blood	LungCancer	-1.3684	1.71E-01	4.04E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	Lung	LungCancer	0.7369	4.61E-01	7.12E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	blood	Snoring	-1.3684	1.71E-01	4.04E-01
1	TNFRSF18	8784	1	1133888	1147163	6.28E-05	Lung	Snoring	-1.3684	1.71E-01	4.04E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	blood	Asthma	-0.1483	8.82E-01	9.56E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	Lung	Asthma	3.7900	1.51E-04	1.34E-03
47	TMEM232	642987	5	109750197	110067507	2.01E-05	blood	COPD	-0.1483	8.82E-01	9.56E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	Lung	COPD	0.5209	6.02E-01	8.07E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	blood	IPF	-0.1483	8.82E-01	9.56E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	Lung	IPF	1.7169	8.60E-02	2.59E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	blood	LungCancer	-0.1483	8.82E-01	9.56E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	Lung	LungCancer	-0.1873	8.51E-01	9.55E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	blood	Snoring	-0.1483	8.82E-01	9.56E-01
47	TMEM232	642987	5	109750197	110067507	2.01E-05	Lung	Snoring	-0.1483	8.82E-01	9.56E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	blood	Asthma	-1.4009	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	Lung	Asthma	-0.9473	3.44E-01	6.04E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	blood	COPD	-1.4009	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	Lung	COPD	-3.6026	3.15E-04	2.73E-03
25	CDHR4	389118	3	49823165	49842254	3.80E-10	blood	IPF	-1.4009	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	Lung	IPF	-1.4004	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	blood	LungCancer	-1.4009	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	Lung	LungCancer	-0.5171	6.05E-01	8.10E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	blood	Snoring	-1.4009	1.61E-01	3.94E-01
25	CDHR4	389118	3	49823165	49842254	3.80E-10	Lung	Snoring	-1.4009	1.61E-01	3.94E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	blood	Asthma	-0.9848	3.25E-01	5.81E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	Lung	Asthma	2.5665	1.03E-02	5.39E-02
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	blood	COPD	-0.9848	3.25E-01	5.81E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	Lung	COPD	0.7234	4.69E-01	7.16E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	blood	IPF	-0.9848	3.25E-01	5.81E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	Lung	IPF	3.0812	2.06E-03	1.33E-02
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	blood	LungCancer	-0.9848	3.25E-01	5.81E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	Lung	LungCancer	4.9470	7.54E-07	1.28E-05
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	blood	Snoring	-0.9848	3.25E-01	5.81E-01
58	ZKSCAN4	387032	6	28207404	28232030	1.42E-07	Lung	Snoring	-0.9848	3.25E-01	5.81E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	blood	Asthma	0.0784	9.37E-01	9.77E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	Lung	Asthma	0.5639	5.73E-01	7.89E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	blood	COPD	0.0784	9.37E-01	9.77E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	Lung	COPD	-0.2464	8.05E-01	9.34E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	blood	IPF	0.0784	9.37E-01	9.77E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	Lung	IPF	1.6195	1.05E-01	2.95E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	blood	LungCancer	0.0784	9.37E-01	9.77E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	Lung	LungCancer	1.8003	7.18E-02	2.28E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	blood	Snoring	0.0784	9.37E-01	9.77E-01
58	HIST1H1C	3006	6	26050968	26061699	7.94E-06	Lung	Snoring	0.0784	9.37E-01	9.77E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	blood	Asthma	-1.8471	6.47E-02	2.15E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	Lung	Asthma	-1.0400	2.97E-01	5.53E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	blood	COPD	-1.8471	6.47E-02	2.15E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	Lung	COPD	0.5862	5.58E-01	7.76E-01

60	EYS	346007	6	64424876	66422118	4.82E-06	blood	IPF	-1.8471	6.47E-02	2.15E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	Lung	IPF	1.1574	2.47E-01	4.96E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	blood	LungCancer	-1.8471	6.47E-02	2.15E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	Lung	LungCancer	0.6101	5.42E-01	7.62E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	blood	Snoring	-1.8471	6.47E-02	2.15E-01
60	EYS	346007	6	64424876	66422118	4.82E-06	Lung	Snoring	-1.8471	6.47E-02	2.15E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	blood	Asthma	1.0271	3.04E-01	5.58E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	Lung	Asthma	1.6058	1.08E-01	2.97E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	blood	COPD	1.0271	3.04E-01	5.58E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	Lung	COPD	0.6564	5.12E-01	7.52E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	blood	IPF	1.0271	3.04E-01	5.58E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	Lung	IPF	1.8869	5.92E-02	2.04E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	blood	LungCancer	1.0271	3.04E-01	5.58E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	Lung	LungCancer	1.9313	5.34E-02	1.91E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	blood	Snoring	1.0271	3.04E-01	5.58E-01
24	TMPPE	643853	3	33033219	33143689	4.06E-12	Lung	Snoring	1.0271	3.04E-01	5.58E-01
127	HYKK	123688	15	78794906	78834715	1.27E-13	blood	Asthma	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	Lung	Asthma	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	blood	COPD	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	Lung	COPD	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	blood	IPF	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	Lung	IPF	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	blood	LungCancer	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	Lung	LungCancer	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	blood	Snoring	NA	NA	NA
127	HYKK	123688	15	78794906	78834715	1.27E-13	Lung	Snoring	NA	NA	NA
58	NKAPL	222698	6	28222075	28233736	2.31E-07	blood	Asthma	0.1692	8.66E-01	9.55E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	Lung	Asthma	1.6658	9.58E-02	2.80E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	blood	COPD	0.1692	8.66E-01	9.55E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	Lung	COPD	-1.2741	2.03E-01	4.39E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	blood	IPF	0.1692	8.66E-01	9.55E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	Lung	IPF	-2.1845	2.89E-02	1.25E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	blood	LungCancer	0.1692	8.66E-01	9.55E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	Lung	LungCancer	-0.1516	8.79E-01	9.56E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	blood	Snoring	0.1692	8.66E-01	9.55E-01
58	NKAPL	222698	6	28222075	28233736	2.31E-07	Lung	Snoring	0.1692	8.66E-01	9.55E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	blood	Asthma	-0.1225	9.02E-01	9.64E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	Lung	Asthma	-2.4129	1.58E-02	7.70E-02
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	blood	COPD	-0.1225	9.02E-01	9.64E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	Lung	COPD	-0.2430	8.08E-01	9.35E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	blood	IPF	-0.1225	9.02E-01	9.64E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	Lung	IPF	-3.6689	2.44E-04	2.14E-03
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	blood	LungCancer	-0.1225	9.02E-01	9.64E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	Lung	LungCancer	-4.1135	3.90E-05	4.52E-04
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	blood	Snoring	-0.1225	9.02E-01	9.64E-01
58	ZKSCAN3	80317	6	28312691	28341954	9.48E-06	Lung	Snoring	-0.1225	9.02E-01	9.64E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	blood	Asthma	-0.9262	3.54E-01	6.08E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	Lung	Asthma	-3.3027	9.58E-04	7.32E-03
156	XRCC6	2547	22	42012250	42065052	3.49E-10	blood	COPD	-0.9262	3.54E-01	6.08E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	Lung	COPD	0.8773	3.80E-01	6.29E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	blood	IPF	-0.9262	3.54E-01	6.08E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	Lung	IPF	-2.0460	4.08E-02	1.58E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	blood	LungCancer	-0.9262	3.54E-01	6.08E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	Lung	LungCancer	0.1252	9.00E-01	9.64E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	blood	Snoring	-0.9262	3.54E-01	6.08E-01
156	XRCC6	2547	22	42012250	42065052	3.49E-10	Lung	Snoring	-0.9262	3.54E-01	6.08E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	blood	Asthma	-0.1480	8.82E-01	9.56E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	Lung	Asthma	-0.5533	5.80E-01	7.92E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	blood	COPD	-0.1480	8.82E-01	9.56E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	Lung	COPD	0.4614	6.44E-01	8.40E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	blood	IPF	-0.1480	8.82E-01	9.56E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	Lung	IPF	1.6908	9.09E-02	2.67E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	blood	LungCancer	-0.1480	8.82E-01	9.56E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	Lung	LungCancer	-0.2368	8.13E-01	9.39E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	blood	Snoring	-0.1480	8.82E-01	9.56E-01
58	HIST1H2AI	8329	6	27770977	27781445	3.97E-08	Lung	Snoring	-0.1480	8.82E-01	9.56E-01
40	MAML3	55534	4	140632545	141080233	8.81E-08	blood	Asthma	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	Lung	Asthma	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	blood	COPD	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	Lung	COPD	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	blood	IPF	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	Lung	IPF	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	blood	LungCancer	NA	NA	NA



40	MAML3	55534	4	140632545	141080233	8.81E-08	Lung	LungCancer	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	blood	Snoring	NA	NA	NA
40	MAML3	55534	4	140632545	141080233	8.81E-08	Lung	Snoring	NA	NA	NA
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	blood	Asthma	-2.4491	1.43E-02	7.11E-02
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	Lung	Asthma	-0.4777	6.33E-01	8.30E-01
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	blood	COPD	-2.4491	1.43E-02	7.11E-02
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	Lung	COPD	1.1347	2.56E-01	5.12E-01
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	blood	IPF	-2.4491	1.43E-02	7.11E-02
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	Lung	IPF	-1.6600	9.69E-02	2.82E-01
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	blood	LungCancer	-2.4491	1.43E-02	7.11E-02
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	Lung	LungCancer	3.8822	1.04E-04	9.64E-04
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	blood	Snoring	-2.4491	1.43E-02	7.11E-02
58	ZSCAN16	80345	6	28087334	28102864	3.67E-05	Lung	Snoring	-2.4491	1.43E-02	7.11E-02
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	blood	Asthma	-0.9343	3.50E-01	6.08E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	Lung	Asthma	-3.3316	8.63E-04	6.69E-03
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	blood	COPD	-0.9343	3.50E-01	6.08E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	Lung	COPD	1.1468	2.51E-01	5.03E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	blood	IPF	-0.9343	3.50E-01	6.08E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	Lung	IPF	-1.6573	9.75E-02	2.83E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	blood	LungCancer	-0.9343	3.50E-01	6.08E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	Lung	LungCancer	-1.2905	1.97E-01	4.36E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	blood	Snoring	-0.9343	3.50E-01	6.08E-01
58	ZSCAN26	7741	6	28229788	28251001	1.95E-07	Lung	Snoring	-0.9343	3.50E-01	6.08E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	blood	Asthma	0.8355	4.03E-01	6.54E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	Lung	Asthma	5.6017	2.12E-08	5.66E-07
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	blood	COPD	0.8355	4.03E-01	6.54E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	Lung	COPD	3.4424	5.77E-04	6.48E-03
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	blood	IPF	0.8355	4.03E-01	6.54E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	Lung	IPF	1.1670	2.43E-01	4.90E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	blood	LungCancer	0.8355	4.03E-01	6.54E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	Lung	LungCancer	1.6074	1.08E-01	2.97E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	blood	Snoring	0.8355	4.03E-01	6.54E-01
154	ZGPAT	84619	20	62333727	62372494	4.58E-10	Lung	Snoring	0.8355	4.03E-01	6.54E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	blood	Asthma	-0.5936	5.53E-01	7.71E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	Lung	Asthma	-7.6500	2.03E-14	1.96E-12
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	blood	COPD	-0.5936	5.53E-01	7.71E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	Lung	COPD	-2.3067	2.11E-02	9.63E-02
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	blood	IPF	-0.5936	5.53E-01	7.71E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	Lung	IPF	-1.4171	1.56E-01	3.88E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	blood	LungCancer	-0.5936	5.53E-01	7.71E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	Lung	LungCancer	1.5714	1.16E-01	3.13E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	blood	Snoring	-0.5936	5.53E-01	7.71E-01
49	SLC22A4	6583	5	131625145	131684899	6.55E-14	Lung	Snoring	-0.5936	5.53E-01	7.71E-01
58	ZNF165	7718	6	28043482	28062341	3.09E-05	blood	Asthma	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	Lung	Asthma	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	blood	COPD	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	Lung	COPD	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	blood	IPF	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	Lung	IPF	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	blood	LungCancer	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	Lung	LungCancer	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	blood	Snoring	NA	NA	NA
58	ZNF165	7718	6	28043482	28062341	3.09E-05	Lung	Snoring	NA	NA	NA
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	blood	Asthma	0.2954	7.68E-01	9.22E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	Lung	Asthma	12.0000	2.95E-33	1.34E-30
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	blood	COPD	0.2954	7.68E-01	9.22E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	Lung	COPD	5.2692	1.37E-07	2.84E-06
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	blood	IPF	0.2954	7.68E-01	9.22E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	Lung	IPF	1.5630	1.18E-01	3.18E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	blood	LungCancer	0.2954	7.68E-01	9.22E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	Lung	LungCancer	-2.3559	1.85E-02	8.80E-02
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	blood	Snoring	0.2954	7.68E-01	9.22E-01
49	SLC22A5	6584	5	131700396	131736306	4.11E-15	Lung	Snoring	0.2954	7.68E-01	9.22E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	blood	Asthma	-0.8719	3.83E-01	6.31E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	Lung	Asthma	-3.6926	2.22E-04	1.95E-03
154	STMN3	50861	20	62266058	62289963	1.56E-07	blood	COPD	-0.8719	3.83E-01	6.31E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	Lung	COPD	-1.9106	5.61E-02	1.96E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	blood	IPF	-0.8719	3.83E-01	6.31E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	Lung	IPF	-0.9957	3.19E-01	5.76E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	blood	LungCancer	-0.8719	3.83E-01	6.31E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	Lung	LungCancer	-1.3143	1.89E-01	4.25E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	blood	Snoring	-0.8719	3.83E-01	6.31E-01
154	STMN3	50861	20	62266058	62289963	1.56E-07	Lung	Snoring	-0.8719	3.83E-01	6.31E-01

84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	blood	Asthma	-1.3200	1.86E-01	4.21E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	Lung	Asthma	2.5634	1.04E-02	5.44E-02
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	blood	COPD	-1.3200	1.86E-01	4.21E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	Lung	COPD	1.0639	2.87E-01	5.43E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	blood	IPF	-1.3200	1.86E-01	4.21E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	Lung	IPF	0.9326	3.51E-01	6.08E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	blood	LungCancer	-1.3200	1.86E-01	4.21E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	Lung	LungCancer	NA	NA	NA
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	blood	Snoring	-1.3200	1.86E-01	4.21E-01
84	PDCD1LG2	80380	9	5505512	5576282	4.63E-05	Lung	Snoring	-1.3200	1.86E-01	4.21E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	blood	Asthma	1.4842	1.38E-01	3.55E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	Lung	Asthma	-4.9606	7.03E-07	1.20E-05
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	blood	COPD	1.4842	1.38E-01	3.55E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	Lung	COPD	-1.7679	7.71E-02	2.38E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	blood	IPF	1.4842	1.38E-01	3.55E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	Lung	IPF	0.0669	9.47E-01	9.82E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	blood	LungCancer	1.4842	1.38E-01	3.55E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	Lung	LungCancer	-1.0356	3.00E-01	5.53E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	blood	Snoring	1.4842	1.38E-01	3.55E-01
34	FAM114A1	92689	4	38864354	38952365	1.06E-05	Lung	Snoring	1.4842	1.38E-01	3.55E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	blood	Asthma	-2.1704	3.00E-02	1.28E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	Lung	Asthma	4.4125	1.02E-05	1.31E-04
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	blood	COPD	-2.1704	3.00E-02	1.28E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	Lung	COPD	1.0194	3.08E-01	5.63E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	blood	IPF	-2.1704	3.00E-02	1.28E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	Lung	IPF	2.8998	3.73E-03	2.24E-02
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	blood	LungCancer	-2.1704	3.00E-02	1.28E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	Lung	LungCancer	5.5114	3.56E-08	8.70E-07
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	blood	Snoring	-2.1704	3.00E-02	1.28E-01
58	HIST1H2BK	85236	6	27101072	27119637	3.63E-05	Lung	Snoring	-2.1704	3.00E-02	1.28E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	blood	Asthma	0.2192	8.26E-01	9.43E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	Lung	Asthma	1.0334	3.01E-01	5.55E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	blood	COPD	0.2192	8.26E-01	9.43E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	Lung	COPD	-1.3475	1.78E-01	4.15E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	blood	IPF	0.2192	8.26E-01	9.43E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	Lung	IPF	-0.4794	6.32E-01	8.30E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	blood	LungCancer	0.2192	8.26E-01	9.43E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	Lung	LungCancer	0.0709	9.44E-01	9.80E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	blood	Snoring	0.2192	8.26E-01	9.43E-01
58	ZKSCAN8	7745	6	28104688	28132250	2.49E-05	Lung	Snoring	0.2192	8.26E-01	9.43E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	blood	Asthma	-1.2285	2.19E-01	4.58E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	Lung	Asthma	4.5590	5.14E-06	6.98E-05
140	ZNF652	22834	17	47361568	47444835	4.06E-14	blood	COPD	-1.2285	2.19E-01	4.58E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	Lung	COPD	1.9903	4.66E-02	1.75E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	blood	IPF	-1.2285	2.19E-01	4.58E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	Lung	IPF	-0.9906	3.22E-01	5.80E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	blood	LungCancer	-1.2285	2.19E-01	4.58E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	Lung	LungCancer	-1.2394	2.15E-01	4.56E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	blood	Snoring	-1.2285	2.19E-01	4.58E-01
140	ZNF652	22834	17	47361568	47444835	4.06E-14	Lung	Snoring	-1.2285	2.19E-01	4.58E-01
10	CD247	919	1	167394877	167492847	9.08E-14	blood	Asthma	0.7203	4.71E-01	7.16E-01
10	CD247	919	1	167394877	167492847	9.08E-14	Lung	Asthma	0.6664	5.05E-01	7.44E-01
10	CD247	919	1	167394877	167492847	9.08E-14	blood	COPD	0.7203	4.71E-01	7.16E-01
10	CD247	919	1	167394877	167492847	9.08E-14	Lung	COPD	1.0529	2.92E-01	5.47E-01
10	CD247	919	1	167394877	167492847	9.08E-14	blood	IPF	0.7203	4.71E-01	7.16E-01
10	CD247	919	1	167394877	167492847	9.08E-14	Lung	IPF	0.2270	8.20E-01	9.43E-01
10	CD247	919	1	167394877	167492847	9.08E-14	blood	LungCancer	0.7203	4.71E-01	7.16E-01
10	CD247	919	1	167394877	167492847	9.08E-14	Lung	LungCancer	0.7493	4.54E-01	7.02E-01
10	CD247	919	1	167394877	167492847	9.08E-14	blood	Snoring	0.7203	4.71E-01	7.16E-01
10	CD247	919	1	167394877	167492847	9.08E-14	Lung	Snoring	0.7203	4.71E-01	7.16E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	blood	Asthma	-0.4987	6.18E-01	8.22E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	Lung	Asthma	1.3620	1.73E-01	4.06E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	blood	COPD	-0.4987	6.18E-01	8.22E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	Lung	COPD	-0.4182	6.76E-01	8.63E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	blood	IPF	-0.4987	6.18E-01	8.22E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	Lung	IPF	-0.2176	8.28E-01	9.43E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	blood	LungCancer	-0.4987	6.18E-01	8.22E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	Lung	LungCancer	1.3729	1.70E-01	4.04E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	blood	Snoring	-0.4987	6.18E-01	8.22E-01
154	LIME1	54923	20	62362480	62375460	1.63E-09	Lung	Snoring	-0.4987	6.18E-01	8.22E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	blood	Asthma	-1.2945	1.95E-01	4.33E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	Lung	Asthma	1.4090	1.59E-01	3.94E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	blood	COPD	-1.2945	1.95E-01	4.33E-01

58	OR2H2	7932	6	29548818	29561745	1.11E-07	Lung	COPD	-2.7237	6.46E-03	3.63E-02
58	OR2H2	7932	6	29548818	29561745	1.11E-07	blood	IPF	-1.2945	1.95E-01	4.33E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	Lung	IPF	1.7605	7.83E-02	2.40E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	blood	LungCancer	-1.2945	1.95E-01	4.33E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	Lung	LungCancer	2.0861	3.70E-02	1.48E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	blood	Snoring	-1.2945	1.95E-01	4.33E-01
58	OR2H2	7932	6	29548818	29561745	1.11E-07	Lung	Snoring	-1.2945	1.95E-01	4.33E-01
49	CCNI2	645121	5	132078137	132094856	5.00E-10	blood	Asthma	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	Lung	Asthma	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	blood	COPD	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	Lung	COPD	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	blood	IPF	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	Lung	IPF	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	blood	LungCancer	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	Lung	LungCancer	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	blood	Snoring	NA	NA	NA
49	CCNI2	645121	5	132078137	132094856	5.00E-10	Lung	Snoring	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	blood	Asthma	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	Lung	Asthma	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	blood	COPD	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	Lung	COPD	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	blood	IPF	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	Lung	IPF	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	blood	LungCancer	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	Lung	LungCancer	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	blood	Snoring	NA	NA	NA
66	SCAF8	22828	6	155049512	155287708	8.06E-07	Lung	Snoring	NA	NA	NA
71	GPC2	221914	7	99762229	99779990	2.74E-05	blood	Asthma	-1.6936	9.03E-02	2.66E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	Lung	Asthma	-1.8430	6.53E-02	2.15E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	blood	COPD	-1.6936	9.03E-02	2.66E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	Lung	COPD	-0.5425	5.87E-01	7.95E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	blood	IPF	-1.6936	9.03E-02	2.66E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	Lung	IPF	-0.2730	7.85E-01	9.29E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	blood	LungCancer	-1.6936	9.03E-02	2.66E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	Lung	LungCancer	-0.3709	7.11E-01	8.87E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	blood	Snoring	-1.6936	9.03E-02	2.66E-01
71	GPC2	221914	7	99762229	99779990	2.74E-05	Lung	Snoring	-1.6936	9.03E-02	2.66E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	blood	Asthma	-0.0493	9.61E-01	9.86E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	Lung	Asthma	-0.6407	5.22E-01	7.55E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	blood	COPD	-0.0493	9.61E-01	9.86E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	Lung	COPD	-1.1767	2.39E-01	4.85E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	blood	IPF	-0.0493	9.61E-01	9.86E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	Lung	IPF	-2.2985	2.15E-02	9.75E-02
86	CCL27	10850	9	34656893	34667689	2.69E-06	blood	LungCancer	-0.0493	9.61E-01	9.86E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	Lung	LungCancer	1.4060	1.60E-01	3.94E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	blood	Snoring	-0.0493	9.61E-01	9.86E-01
86	CCL27	10850	9	34656893	34667689	2.69E-06	Lung	Snoring	-0.0493	9.61E-01	9.86E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	blood	Asthma	1.0500	2.92E-01	5.47E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	Lung	Asthma	2.3603	1.83E-02	8.73E-02
86	GALT	2592	9	34641586	34655595	1.42E-05	blood	COPD	1.0500	2.92E-01	5.47E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	Lung	COPD	0.7241	4.69E-01	7.16E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	blood	IPF	1.0500	2.92E-01	5.47E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	Lung	IPF	0.5814	5.61E-01	7.78E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	blood	LungCancer	1.0500	2.92E-01	5.47E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	Lung	LungCancer	-3.4763	5.08E-04	4.22E-03
86	GALT	2592	9	34641586	34655595	1.42E-05	blood	Snoring	1.0500	2.92E-01	5.47E-01
86	GALT	2592	9	34641586	34655595	1.42E-05	Lung	Snoring	1.0500	2.92E-01	5.47E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	blood	Asthma	-1.7914	7.32E-02	2.30E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	Lung	Asthma	-1.3105	1.90E-01	4.26E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	blood	COPD	-1.7914	7.32E-02	2.30E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	Lung	COPD	-1.0360	3.00E-01	5.53E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	blood	IPF	-1.7914	7.32E-02	2.30E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	Lung	IPF	0.0508	9.60E-01	9.86E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	blood	LungCancer	-1.7914	7.32E-02	2.30E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	Lung	LungCancer	-0.8225	4.11E-01	6.60E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	blood	Snoring	-1.7914	7.32E-02	2.30E-01
71	MBLAC1	255374	7	99719317	99731121	4.25E-05	Lung	Snoring	-1.7914	7.32E-02	2.30E-01
93	AS3MT	57412	10	104624183	104666656	1.43E-07	blood	Asthma	-3.1333	1.73E-03	1.16E-02
93	AS3MT	57412	10	104624183	104666656	1.43E-07	Lung	Asthma	4.1109	3.94E-05	4.54E-04
93	AS3MT	57412	10	104624183	104666656	1.43E-07	blood	COPD	-3.1333	1.73E-03	1.16E-02
93	AS3MT	57412	10	104624183	104666656	1.43E-07	Lung	COPD	0.4259	6.70E-01	8.59E-01
93	AS3MT	57412	10	104624183	104666656	1.43E-07	blood	IPF	-3.1333	1.73E-03	1.16E-02
93	AS3MT	57412	10	104624183	104666656	1.43E-07	Lung	IPF	-2.9793	2.89E-03	1.81E-02

93	AS3MT	57412	10	104624183	104666656	1.43E-07	blood	LungCancer	-3.1333	1.73E-03	1.16E-02
93	AS3MT	57412	10	104624183	104666656	1.43E-07	Lung	LungCancer	-0.2499	8.03E-01	9.34E-01
93	AS3MT	57412	10	104624183	104666656	1.43E-07	blood	Snoring	-3.1333	1.73E-03	1.16E-02
93	AS3MT	57412	10	104624183	104666656	1.43E-07	Lung	Snoring	-3.1333	1.73E-03	1.16E-02
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	blood	Asthma	0.2418	8.09E-01	9.35E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	Lung	Asthma	-3.6374	2.75E-04	2.39E-03
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	blood	COPD	0.2418	8.09E-01	9.35E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	Lung	COPD	-1.9185	5.50E-02	1.94E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	blood	IPF	0.2418	8.09E-01	9.35E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	Lung	IPF	0.6818	4.95E-01	7.36E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	blood	LungCancer	0.2418	8.09E-01	9.35E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	Lung	LungCancer	-0.6429	5.20E-01	7.55E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	blood	Snoring	0.2418	8.09E-01	9.35E-01
91	ZSWIM8	23053	10	75540334	75566556	4.60E-05	Lung	Snoring	0.2418	8.09E-01	9.35E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	blood	Asthma	-0.3596	7.19E-01	8.94E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	Lung	Asthma	5.7847	7.26E-09	2.43E-07
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	blood	COPD	-0.3596	7.19E-01	8.94E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	Lung	COPD	2.3725	1.77E-02	8.48E-02
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	blood	IPF	-0.3596	7.19E-01	8.94E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	Lung	IPF	3.0923	1.99E-03	1.30E-02
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	blood	LungCancer	-0.3596	7.19E-01	8.94E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	Lung	LungCancer	0.0603	9.52E-01	9.84E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	blood	Snoring	-0.3596	7.19E-01	8.94E-01
136	ZSWIM7	125150	17	15874874	15908006	6.67E-09	Lung	Snoring	-0.3596	7.19E-01	8.94E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	blood	Asthma	-0.2777	7.81E-01	9.29E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	Lung	Asthma	1.2667	2.05E-01	4.43E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	blood	COPD	-0.2777	7.81E-01	9.29E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	Lung	COPD	0.1605	8.72E-01	9.56E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	blood	IPF	-0.2777	7.81E-01	9.29E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	Lung	IPF	-0.1090	9.13E-01	9.68E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	blood	LungCancer	-0.2777	7.81E-01	9.29E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	Lung	LungCancer	0.0370	9.70E-01	9.92E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	blood	Snoring	-0.2777	7.81E-01	9.29E-01
94	MUC5AC	4586	11	1137474	1167465	1.93E-13	Lung	Snoring	-0.2777	7.81E-01	9.29E-01
78	XKR9	389668	8	71576600	71653177	1.24E-09	blood	Asthma	5.6968	1.22E-08	3.76E-07
78	XKR9	389668	8	71576600	71653177	1.24E-09	Lung	Asthma	-0.2694	7.88E-01	9.29E-01
78	XKR9	389668	8	71576600	71653177	1.24E-09	blood	COPD	5.6968	1.22E-08	3.76E-07
78	XKR9	389668	8	71576600	71653177	1.24E-09	Lung	COPD	1.3915	1.64E-01	4.00E-01
78	XKR9	389668	8	71576600	71653177	1.24E-09	blood	IPF	5.6968	1.22E-08	3.76E-07
78	XKR9	389668	8	71576600	71653177	1.24E-09	Lung	IPF	0.7890	4.30E-01	6.83E-01
78	XKR9	389668	8	71576600	71653177	1.24E-09	blood	LungCancer	5.6968	1.22E-08	3.76E-07
78	XKR9	389668	8	71576600	71653177	1.24E-09	Lung	LungCancer	-2.8096	4.96E-03	2.92E-02
78	XKR9	389668	8	71576600	71653177	1.24E-09	blood	Snoring	5.6968	1.22E-08	3.76E-07
78	XKR9	389668	8	71576600	71653177	1.24E-09	Lung	Snoring	5.6968	1.22E-08	3.76E-07
96	FADS3	3995	11	61635998	61664006	2.01E-08	blood	Asthma	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	Lung	Asthma	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	blood	COPD	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	Lung	COPD	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	blood	IPF	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	Lung	IPF	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	blood	LungCancer	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	Lung	LungCancer	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	blood	Snoring	NA	NA	NA
96	FADS3	3995	11	61635998	61664006	2.01E-08	Lung	Snoring	NA	NA	NA
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	blood	Asthma	5.3213	1.03E-07	2.20E-06
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	Lung	Asthma	-0.0979	9.22E-01	9.69E-01
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	blood	COPD	5.3213	1.03E-07	2.20E-06
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	Lung	COPD	1.5898	1.12E-01	3.05E-01
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	blood	IPF	5.3213	1.03E-07	2.20E-06
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	Lung	IPF	-4.2206	2.44E-05	3.02E-04
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	blood	LungCancer	5.3213	1.03E-07	2.20E-06
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	Lung	LungCancer	-1.3497	1.77E-01	4.15E-01
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	blood	Snoring	5.3213	1.03E-07	2.20E-06
138	PLEKHM1	9842	17	43508266	43573146	3.46E-09	Lung	Snoring	5.3213	1.03E-07	2.20E-06
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	blood	Asthma	-1.8023	7.15E-02	2.28E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	Lung	Asthma	0.9830	3.26E-01	5.82E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	blood	COPD	-1.8023	7.15E-02	2.28E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	Lung	COPD	-1.1195	2.63E-01	5.17E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	blood	IPF	-1.8023	7.15E-02	2.28E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	Lung	IPF	0.6841	4.94E-01	7.36E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	blood	LungCancer	-1.8023	7.15E-02	2.28E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	Lung	LungCancer	-0.0632	9.50E-01	9.84E-01
138	ARL17B	100506084	17	44346550	44444416	3.01E-09	blood	Snoring	-1.8023	7.15E-02	2.28E-01

138	ARL17B	100506084	17	44346550	44444416	3.01E-09	Lung	Snoring	-1.8023	7.15E-02	2.28E-01
25	GPX1	2876	3	49389609	49400791	8.30E-06	blood	Asthma	3.2669	1.09E-03	8.13E-03
25	GPX1	2876	3	49389609	49400791	8.30E-06	Lung	Asthma	-0.9666	3.34E-01	5.89E-01
25	GPX1	2876	3	49389609	49400791	8.30E-06	blood	COPD	3.2669	1.09E-03	8.13E-03
25	GPX1	2876	3	49389609	49400791	8.30E-06	Lung	COPD	1.6081	1.08E-01	2.97E-01
25	GPX1	2876	3	49389609	49400791	8.30E-06	blood	IPF	3.2669	1.09E-03	8.13E-03
25	GPX1	2876	3	49389609	49400791	8.30E-06	Lung	IPF	-1.0597	2.89E-01	5.46E-01
25	GPX1	2876	3	49389609	49400791	8.30E-06	blood	LungCancer	3.2669	1.09E-03	8.13E-03
25	GPX1	2876	3	49389609	49400791	8.30E-06	Lung	LungCancer	1.8846	5.95E-02	2.05E-01
25	GPX1	2876	3	49389609	49400791	8.30E-06	blood	Snoring	3.2669	1.09E-03	8.13E-03
25	GPX1	2876	3	49389609	49400791	8.30E-06	Lung	Snoring	3.2669	1.09E-03	8.13E-03
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	blood	Asthma	0.0185	9.85E-01	9.93E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	Lung	Asthma	1.9567	5.04E-02	1.82E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	blood	COPD	0.0185	9.85E-01	9.93E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	Lung	COPD	-1.5265	1.27E-01	3.35E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	blood	IPF	0.0185	9.85E-01	9.93E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	Lung	IPF	-2.0370	4.17E-02	1.60E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	blood	LungCancer	0.0185	9.85E-01	9.93E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	Lung	LungCancer	-0.1591	8.74E-01	9.56E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	blood	Snoring	0.0185	9.85E-01	9.93E-01
58	HIST1H2BN	8341	6	27800544	27826533	8.99E-09	Lung	Snoring	0.0185	9.85E-01	9.93E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	blood	Asthma	0.9282	3.53E-01	6.08E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	Lung	Asthma	3.1184	1.82E-03	1.21E-02
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	blood	COPD	0.9282	3.53E-01	6.08E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	Lung	COPD	-0.8069	4.20E-01	6.71E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	blood	IPF	0.9282	3.53E-01	6.08E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	Lung	IPF	2.0231	4.31E-02	1.64E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	blood	LungCancer	0.9282	3.53E-01	6.08E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	Lung	LungCancer	2.0027	4.52E-02	1.71E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	blood	Snoring	0.9282	3.53E-01	6.08E-01
58	ZSCAN31	64288	6	28287514	28326972	2.52E-07	Lung	Snoring	0.9282	3.53E-01	6.08E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	blood	Asthma	-0.3260	7.44E-01	9.05E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	Lung	Asthma	-5.7543	8.70E-09	2.88E-07
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	blood	COPD	-0.3260	7.44E-01	9.05E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	Lung	COPD	-3.0845	2.04E-03	1.32E-02
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	blood	IPF	-0.3260	7.44E-01	9.05E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	Lung	IPF	0.2278	8.20E-01	9.43E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	blood	LungCancer	-0.3260	7.44E-01	9.05E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	Lung	LungCancer	-0.8121	4.17E-01	6.68E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	blood	Snoring	-0.3260	7.44E-01	9.05E-01
38	ARHGEF38	54848	4	106468704	106607070	1.35E-06	Lung	Snoring	-0.3260	7.44E-01	9.05E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	blood	Asthma	-0.9684	3.33E-01	5.88E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	Lung	Asthma	-1.8241	6.81E-02	2.23E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	blood	COPD	-0.9684	3.33E-01	5.88E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	Lung	COPD	0.0517	9.59E-01	9.86E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	blood	IPF	-0.9684	3.33E-01	5.88E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	Lung	IPF	-0.3442	7.31E-01	8.98E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	blood	LungCancer	-0.9684	3.33E-01	5.88E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	Lung	LungCancer	-0.1575	8.75E-01	9.56E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	blood	Snoring	-0.9684	3.33E-01	5.88E-01
135	TNFSF12	8742	17	7447375	7466207	1.02E-06	Lung	Snoring	-0.9684	3.33E-01	5.88E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	blood	Asthma	-1.2731	2.03E-01	4.39E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	Lung	Asthma	-5.4417	5.28E-08	1.24E-06
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	blood	COPD	-1.2731	2.03E-01	4.39E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	Lung	COPD	-4.1041	4.06E-05	4.64E-04
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	blood	IPF	-1.2731	2.03E-01	4.39E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	Lung	IPF	-1.1116	2.66E-01	5.17E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	blood	LungCancer	-1.2731	2.03E-01	4.39E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	Lung	LungCancer	-1.0032	3.16E-01	5.72E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	blood	Snoring	-1.2731	2.03E-01	4.39E-01
154	TNFRSF6B	8771	20	62323004	62335051	5.88E-11	Lung	Snoring	-1.2731	2.03E-01	4.39E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	blood	Asthma	-0.5628	5.74E-01	7.89E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	Lung	Asthma	2.2726	2.30E-02	1.03E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	blood	COPD	-0.5628	5.74E-01	7.89E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	Lung	COPD	0.9120	3.62E-01	6.15E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	blood	IPF	-0.5628	5.74E-01	7.89E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	Lung	IPF	2.5262	1.15E-02	5.97E-02
76	PINX1	54984	8	10617473	10702394	2.49E-05	blood	LungCancer	-0.5628	5.74E-01	7.89E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	Lung	LungCancer	-0.6400	5.22E-01	7.55E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	blood	Snoring	-0.5628	5.74E-01	7.89E-01
76	PINX1	54984	8	10617473	10702394	2.49E-05	Lung	Snoring	-0.5628	5.74E-01	7.89E-01
97	AP5B1	91056	11	65536369	65553062	6.18E-05	blood	Asthma	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	Lung	Asthma	NA	NA	NA



97	AP5B1	91056	11	65536369	65553062	6.18E-05	blood	COPD	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	Lung	COPD	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	blood	IPF	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	Lung	IPF	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	blood	LungCancer	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	Lung	LungCancer	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	blood	Snoring	NA	NA	NA
97	AP5B1	91056	11	65536369	65553062	6.18E-05	Lung	Snoring	NA	NA	NA
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	blood	Asthma	0.3733	7.09E-01	8.85E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	Lung	Asthma	0.3527	7.24E-01	8.97E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	blood	COPD	0.3733	7.09E-01	8.85E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	Lung	COPD	1.4904	1.36E-01	3.53E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	blood	IPF	0.3733	7.09E-01	8.85E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	Lung	IPF	-0.7009	4.83E-01	7.30E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	blood	LungCancer	0.3733	7.09E-01	8.85E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	Lung	LungCancer	5.9083	3.46E-09	1.57E-07
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	blood	Snoring	0.3733	7.09E-01	8.85E-01
149	CYP2A6	1548	19	41344441	41361360	3.29E-09	Lung	Snoring	0.3733	7.09E-01	8.85E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	blood	Asthma	0.1048	9.17E-01	9.68E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	Lung	Asthma	1.6592	9.17E-02	2.82E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	blood	COPD	0.1048	9.17E-01	9.68E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	Lung	COPD	2.0810	3.74E-02	1.49E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	blood	IPF	0.1048	9.17E-01	9.68E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	Lung	IPF	-0.1337	8.94E-01	9.62E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	blood	LungCancer	0.1048	9.17E-01	9.68E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	Lung	LungCancer	0.0872	9.31E-01	9.74E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	blood	Snoring	0.1048	9.17E-01	9.68E-01
154	RTEL1	51750	20	62284163	62332606	6.51E-09	Lung	Snoring	0.1048	9.17E-01	9.68E-01
139	HOXB7	3217	17	46679594	46693383	6.23E-07	blood	Asthma	4.6633	3.11E-06	4.45E-05
139	HOXB7	3217	17	46679594	46693383	6.23E-07	Lung	Asthma	2.3824	1.72E-02	8.27E-02
139	HOXB7	3217	17	46679594	46693383	6.23E-07	blood	COPD	4.6633	3.11E-06	4.45E-05
139	HOXB7	3217	17	46679594	46693383	6.23E-07	Lung	COPD	0.5519	5.81E-01	7.93E-01
139	HOXB7	3217	17	46679594	46693383	6.23E-07	blood	IPF	4.6633	3.11E-06	4.45E-05
139	HOXB7	3217	17	46679594	46693383	6.23E-07	Lung	IPF	0.7877	4.31E-01	6.83E-01
139	HOXB7	3217	17	46679594	46693383	6.23E-07	blood	LungCancer	4.6633	3.11E-06	4.45E-05
139	HOXB7	3217	17	46679594	46693383	6.23E-07	Lung	LungCancer	2.6559	7.91E-03	4.33E-02
139	HOXB7	3217	17	46679594	46693383	6.23E-07	blood	Snoring	4.6633	3.11E-06	4.45E-05
139	HOXB7	3217	17	46679594	46693383	6.23E-07	Lung	Snoring	4.6633	3.11E-06	4.45E-05
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	blood	Asthma	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	Lung	Asthma	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	blood	COPD	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	Lung	COPD	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	blood	IPF	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	Lung	IPF	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	blood	LungCancer	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	Lung	LungCancer	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	blood	Snoring	NA	NA	NA
58	HIST1H2BM	8342	6	27777822	27788267	4.10E-07	Lung	Snoring	NA	NA	NA
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	blood	Asthma	-0.9405	3.47E-01	6.06E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	Lung	Asthma	0.4351	6.63E-01	8.51E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	blood	COPD	-0.9405	3.47E-01	6.06E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	Lung	COPD	-0.9732	3.30E-01	5.86E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	blood	IPF	-0.9405	3.47E-01	6.06E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	Lung	IPF	-0.3922	6.95E-01	8.75E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	blood	LungCancer	-0.9405	3.47E-01	6.06E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	Lung	LungCancer	0.9367	3.49E-01	6.08E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	blood	Snoring	-0.9405	3.47E-01	6.06E-01
58	HIST1H2BO	8348	6	27856203	27931100	1.49E-07	Lung	Snoring	-0.9405	3.47E-01	6.06E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	blood	Asthma	1.8747	6.08E-02	2.05E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	Lung	Asthma	-0.4280	6.69E-01	8.58E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	blood	COPD	1.8747	6.08E-02	2.05E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	Lung	COPD	-0.4227	6.73E-01	8.59E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	blood	IPF	1.8747	6.08E-02	2.05E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	Lung	IPF	-0.3097	7.57E-01	9.17E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	blood	LungCancer	1.8747	6.08E-02	2.05E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	Lung	LungCancer	NA	NA	NA
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	blood	Snoring	1.8747	6.08E-02	2.05E-01
58	HIST1H4I	8294	6	27101924	27113258	3.43E-05	Lung	Snoring	1.8747	6.08E-02	2.05E-01
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	blood	Asthma	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	Lung	Asthma	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	blood	COPD	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	Lung	COPD	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	blood	IPF	NA	NA	NA

58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	Lung	IPF	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	blood	LungCancer	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	Lung	LungCancer	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	blood	Snoring	NA	NA	NA
58	HIST1H2AL	8332	6	27828107	27838576	8.54E-09	Lung	Snoring	NA	NA	NA
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	blood	Asthma	-0.5362	5.92E-01	7.98E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	Lung	Asthma	1.0416	2.98E-01	5.53E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	blood	COPD	-0.5362	5.92E-01	7.98E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	Lung	COPD	-1.2014	2.30E-01	4.74E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	blood	IPF	-0.5362	5.92E-01	7.98E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	Lung	IPF	-0.8258	4.09E-01	6.58E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	blood	LungCancer	-0.5362	5.92E-01	7.98E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	Lung	LungCancer	-0.1927	8.47E-01	9.54E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	blood	Snoring	-0.5362	5.92E-01	7.98E-01
58	HIST1H2BI	8346	6	26268204	26278640	7.13E-07	Lung	Snoring	-0.5362	5.92E-01	7.98E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	blood	Asthma	0.2219	8.24E-01	9.43E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	Lung	Asthma	-0.2925	7.70E-01	9.23E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	blood	COPD	0.2219	8.24E-01	9.43E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	Lung	COPD	0.0926	9.26E-01	9.70E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	blood	IPF	0.2219	8.24E-01	9.43E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	Lung	IPF	1.2719	2.03E-01	4.39E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	blood	LungCancer	0.2219	8.24E-01	9.43E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	Lung	LungCancer	-0.6065	5.44E-01	7.64E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	blood	Snoring	0.2219	8.24E-01	9.43E-01
58	HIST1H3H	8357	6	27772842	27783314	4.52E-08	Lung	Snoring	0.2219	8.24E-01	9.43E-01