

Table S7. Association of PARK2 rs75203550 with human macrophage expression of 28 OXPHOS genes

Gene	Probes	Chr	Beta*	Se	Pvalue
<i>Light-yellow OxPho genes</i>					
SDHB	ILMN_1667257	1	0.022	0.0124	0.075
NDUFB3	ILMN_2119945	2	0.063	0.0154	4.31 10 ⁻⁵
COX17	ILMN_2187718	3	0.060	0.0178	8.35 10 ⁻⁴
ATP5I	ILMN_1772506	4	0.026	0.0115	0.026
UQCRCQ	ILMN_1666471	5	0.034	0.0139	0.014
COX7A2	ILMN_1701293	6	0.054	0.0132	5.85 10 ⁻⁵
ATP5J2	ILMN_2307883	7	0.050	0.0143	4.83 10 ⁻⁴
NDUFB2	ILMN_2117330	7	0.038	0.0158	0.0174
COX6C	ILMN_1654151	8	0.053	0.0105	4.04 10 ⁻⁷
COX8A	ILMN_1809495	11	0.052	0.0138	1.88 10 ⁻⁴
NDUFA9	ILMN_1760741	12	0.054	0.0160	8.93 10 ⁻⁴
ATP5G2	ILMN_1660577	12	0.028	0.0171	0.105
COX6A1	ILMN_1783636	12	0.072	0.0148	1.82 10 ⁻⁶
NDUFA11	ILMN_2175712	19	0.028	0.0148	0.052
NDUFB7	ILMN_1813604	19	0.022	0.0146	0.129
COX6B1	ILMN_2154671	19	0.018	0.0121	0.138
ATP5J	ILMN_2348093	21	0.025	0.0141	0.076
NDUFA1	ILMN_1784286	X	0.031	0.0128	0.017
<i>Midnight-blue OxPho genes</i>					
ATP5F1	ILMN_1721989	1	0.037	0.0119	1.86 10 ⁻³
PPA2	ILMN_1687785	4	-0.0182	0.0190	0.338
NDUFC1	ILMN_1733603	4	0.019	0.0162	0.239
NDUFA4	ILMN_1751258	7	0.052	0.0156	8.92 10 ⁻⁴
ATP5C1	ILMN_1701269	10	0.018	0.0171	0.290
SDHD	ILMN_1698487	11	0.014	0.0186	0.443
ATP5L	ILMN_2079285	11	0.008	0.0206	0.678
NDUFAB1	ILMN_2179018	16	0.040	0.0178	0.025
ATP5H	ILMN_1666372	17	0.015	0.0126	0.244
NDUFV2	ILMN_2086417	18	0.044	0.0161	6.68 10 ⁻³

* Effect of the minor rs75203550-T allele on gene expression. Its allele frequency was 0.13.