

Table S8. Association of PARK2 rs192804963 with human macrophage expression of 28 OXPHOS genes after adjusting for the effect of PARK2 rs75203550

Gene	Probes	Chr	Beta*	Se	Pvalue
<i>Light-yellow OxPho genes</i>					
SDHB	ILMN_1667257	1	0.027	0.0185	0.142
NDUFB3	ILMN_2119945	2	0.065	0.0227	4.23 10 ⁻³
COX17	ILMN_2187718	3	0.049	0.0265	0.063
ATP5I	ILMN_1772506	4	0.060	0.017	4.54 10 ⁻⁴
UQCRCQ	ILMN_1666471	5	0.024	0.021	0.254
COX7A2	ILMN_1701293	6	0.042	0.019	0.034
ATP5J2	ILMN_2307883	7	0.062	0.021	3.36 10 ⁻³
NDUFB2	ILMN_2117330	7	0.028	0.023	0.226
COX6C	ILMN_1654151	8	0.037	0.015	0.016
COX8A	ILMN_1809495	11	0.043	0.020	0.035
NDUFA9	ILMN_1760741	12	0.049	0.024	0.039
ATP5G2	ILMN_1660577	12	0.010	0.025	0.689
COX6A1	ILMN_1783636	12	0.048	0.022	0.029
NDUFA11	ILMN_2175712	19	0.014	0.022	0.524
NDUFB7	ILMN_1813604	19	0.026	0.219	0.222
COX6B1	ILMN_2154671	19	0.022	0.018	0.226
ATP5J	ILMN_2348093	21	0.009	0.021	0.655
NDUFA1	ILMN_1784286	X	0.021	0.019	0.269
<i>Midnight-blue OxPho genes</i>					
ATP5F1	ILMN_1721989	1	0.014	0.018	0.425
PPA2	ILMN_1687785	4	0.032	0.028	0.251
NDUFC1	ILMN_1733603	4	0.030	0.024	0.219
NDUFA4	ILMN_1751258	7	0.032	0.023	0.161
ATP5C1	ILMN_1701269	10	0.037	0.025	0.143
SDHD	ILMN_1698487	11	0.041	0.027	0.134
ATP5L	ILMN_2079285	11	0.038	0.031	0.215
NDUFAB1	ILMN_2179018	16	0.057	0.026	0.030
ATP5H	ILMN_1666372	17	0.025	0.019	0.191
NDUFV2	ILMN_2086417	18	0.034	0.024	0.162

* Effect of the minor rs192804963-A allele on gene expression. Its allele frequency was 0.21 and its r² imputation quality 0.66.