

Supplementary Material

Mutations in *GBA* and *LRRK2* Are Not Associated with Increased Inflammatory Markers

Supplementary Table 1. Number of cytokines detected out of those assessed

	Peripheral	CSF
TNF-alpha	356/362	34/80
IL-2	48/362	80/80
IL-1	190/362	34/80
IL-4	170/362	80/80
IL-6	192/362	49/80
IL-8	359/362	80/80
IL-10	130/362	80/80
INF-gamma	4/362	47/80

CSF, cerebrospinal fluid

Supplementary Table 2. Number of cytokines with complete blood/CSF readings

	Number of pairs
TNF-alpha	34
IL-2	4
IL-1	23
IL-4	49
IL-6	31
IL-8	79
IL-10	45
INF-gamma	4

CSF, cerebrospinal fluid

Supplementary Table 3. Coefficients of Variation of each cytokine

Cytokine	confidence variable
TNF-alpha	0.29
IL-1	2.17
IL-2	2.67
IL-4	0.94
IL-6	1.78
IL-8	0.55
IL-10	2.16
INF-gamma	0.23
CSF TNF-alpha	0.19
CSF IL-1	0.36
CSF IL-2	0.35
CSF IL-4	0.28
CSF IL-6	1.15
CSF IL-8	0.29
CSF IL-10	0.23
CSF INF-gamma	0.64

CSF, cerebrospinal fluid

Supplementary Table 4. Plate to plate variability

Cytokine	Inter-assay confidence variable
TNF-alpha	1.36
IL-1	1.37
IL-2	1.25
IL-4	2.34
IL-6	1.46
IL-8	1.92
IL-10	1.12
INF-gamma	0.81