

Supplementary table. The expression levels (after normalization) of the hub genes between PD with GBA mutations and PD with GBA no-mutations.

Variable	PD with GBA mutations	PD with GBA no-mutations	t	Freedom	P
CCL25	0.12±4.52	12.2±17.63	-1.488	8.0	0.175
CXCL11	-0.78±4.18	2.20±6.88	-0.827	8.0	0.432
GPR31	-2.81±4.41	4.18±10.59	-1.362	8.0	0.210
MTNR1B	0.71±3.82	16.26±5.45	-5.228	8.0	0.001
PPY	1.19±3.21	8.41±13.32	-1.179	4.5	0.298
GPR183	-2.46±2.17	-4.62±10.35	0.455	4.4	0.671
ODF1	-2.57±2.78	1.24±7.59	-1.055	5.1	0.339
CRH	9.11±10.08	-3.41±4.26	2.556	8.0	0.034

PD: Parkinson's disease. GBA: Glucocerebrosidase.