

Table S1. Demographics of Human Donors, PD and Healthy Controls; Related to Figures 6 and 7

Pair	ID	Disease Duration	UPDRS	HY stage	Constipation duration	Constipation severity scale	Constipation Before or After PD Diagnosis	Gender	Age	Race	BMI	Medications
1	PD1	4	28	2	1.5	1	After	Male	55	Caucasian	25.7	None
1	HC1	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	57	Caucasian	36	None
2	PD2	1	27	2	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	66	Caucasian	27.3	Aspirin 81mg/d
2	HC2	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	61	Caucasian	28.6	None
3	PD3	2	27	2	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	57	Caucasian	23.7	Sertraline 150mg/d; BupropriionXL 300mg/d
3	HC3	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	55	Caucasian	26.8	None
4	PD4	2	16	1	5	2	Before	Female	46	Caucasian	26.6	None
4	HC4	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Female	50	African American	28.6	None
5	PD5	8	18	2	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Male	49	Caucasian	27.5	None
5	HC5							Male	43	Caucasian	29	None
6	PD6	1	15	1.5	30	7	Before	Female	56	Caucasian	22	Ranitidine 150mg/d
6	HC6	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	Female	57	Caucasian	22	None

Table S1. Demographic data of fecal donors for each PD and healthy donor pair. UPDRS = unified Parkinson’s disease rating scale; HY stage = Hoehn and Yahr scale; BMI = body mass index.