

**Supplementary Table S1.** List of South African PD patients used in this study.

<b>No.</b>	<b>Participant Lab ID number</b>	<b>AAO</b>	<b>Gender</b>	<b>Family history of PD</b>
1.	10.308	49	Female	None
2.	10.309	52	Male	None
3.	10.310	45	Male	None
4.	10.313	42	Female	None
5.	10.314	55	Female	None
6.	11.781	31	Female	None
7.	11.830	57	Female	None
8.	11.834	52	Male	None
9.	11.835	52	Female	None
10.	11.894	44	Male	None
11.	11.895	49	Male	None
12.	11.910	57	Female	None
13.	11.962	53	Male	None
14.	12.170	52	Female	None
15.	12.172	55	Female	None
16.	12.176	51	Female	None
17.	12.177	45	Male	None
18.	12.178	53	Female	None
19.	12.179	30	Female	None
20.	12.180	55	Male	None
21.	12.486	35	Male	None
22.	43.59	51	Male	1 <sup>st</sup> degree; affected sibling and mother
23.	52.23	50	Male	None
24.	55.52	42	Male	None
25.	55.56	40	Male	None
26.	60.39	55	Male	None
27.	61.81	55	Male	None
28.	84.52	57	Female	None
29.	94.69	30	Female	1 <sup>st</sup> degree; affected sibling and father
30.	96.87	37	Male	None