

Table e-1. Genotype of Parkinson's disease patients with Parkin mutations and associated ICB and smoking status

Patient	Gender	ICB (Y/N)	Smoking (Y/N)	<i>Parkin</i> genotype
1	M	N	N	c.823C>T (p.R275W)/ex3-4del
2	M	N	N	ex3-4del/ex3del
3	F	N	N	c.125G>C (p.R42P) homo
4	M	N	N	ex3-4del omo
5	M	N	N	c.1358G>A(p.W453X)/ex3del
6	M	N	Y	c.125G>C (p.R42P) homo
7	M	N	Y	c.823C>T (p.R275W)/ex3dup
8	F	Y	N	ex3del homo
9	F	Y	N	ex3del homo
10	F	Y	N	ex3-5del/ex3del
11	M	Y	N	c.259G>A (p.D86N)/ex3del
12	M	Y	N	ex2-3del/ex2del
13	M	Y	N	c.719C>T (p.T240M)/ex2-4del
14	F	Y	N	ex3del homo
15	M	Y	N	ex3del homo
16	F	Y	Y	c.125G>C (p.R42P)/ex3del
17	M	Y	Y	ex3del homo
18	F	Y	Y	c.125G>C (p.R42P) homo
19	M	Y	Y	ex2del homo
20	M	Y	Y	ex3del homo
21	F	Y	Y	c.734G>A (p.R245K) homo
22	F	Y	Y	c.734G>A (p.R245K) homo

ICB = impulsive-compulsive behaviour; Y = yes; N = No.