

Additional file 1: Table S1 Individual SNP frequencies in PD patients and control subjects

		Sweden PD-Goth		Italy		Sweden PD-Link		Malta		Poland		Germany	
		PD	Control	PD	Control	PD	Control	PD	Control	PD	Control	PD	Control
SNP	Genotype												
2 – rs7557529	GG	40 (24.4)	42 (22.1)	77 (24.3)	102 (23.9)	29 (15.1)	91 (24.7)	16 (16.5)	82 (26.5)	37 (19.8)	55 (30.7)	10 (20.4)	22 (29.7)
	AG	85 (51.8)	92 (48.4)	173 (54.6)	208 (48.7)	105 (54.7)	175 (47.4)	48 (49.5)	151 (48.9)	90 (48.1)	75 (41.9)	26 (53.1)	27 (36.5)
	AA	39 (23.8)	56 (29.5)	67 (21.1)	117 (27.4)	58 (30.2)	103 (27.9)	33 (34.0)	76 (24.6)	60 (32.1)	49 (27.4)	13 (26.5)	25 (33.8)
P1 – rs35652124	GG	15 (9.3)	13 (7.1)	9 (2.8)	35 (8.0)	15 (7.7)	35 (9.4)	6 (6.1)	25 (8.1)	26 (13.6)	17 (9.1)	6 (10.7)	12 (16.2)
	AG	58 (35.8)	89 (48.3)	132 (41.5)	185 (42.2)	110 (56.7)	162 (43.3)	39 (39.8)	122 (39.4)	77 (40.3)	67 (35.8)	30 (53.6)	30 (40.5)
	AA	89 (54.9)	82 (44.6)	177 (55.7)	218 (49.8)	69 (35.6)	177 (47.3)	53 (54.1)	163 (52.5)	88 (46.1)	103 (55.1)	20 (35.7)	32 (43.3)
P2 – rs6706649	AA	4 (2.5)	3 (1.6)	3 (0.9)	4 (0.9)	4 (2.1)	8 (2.1)	5 (5.1)	6 (1.9)	6 (3.1)	2 (1.1)	1 (1.8)	3 (4.1)
	AG	33 (20.4)	45 (24.5)	81 (25.5)	89 (20.3)	44 (22.7)	76 (20.3)	26 (26.5)	62 (20.0)	35 (18.3)	42 (22.5)	7 (12.5)	8 (10.8)
	GG	125 (77.1)	136 (73.9)	234 (73.6)	345 (78.8)	146 (75.2)	291 (77.6)	67 (68.4)	242 (78.1)	150 (78.6)	143 (76.4)	48 (85.7)	63 (85.1)
P3 – rs6721961	AA	1 (0.6)	1 (0.5)	13 (4.1)	8 (1.8)	0 (0.0)	6 (1.6)	1 (1.0)	8 (2.6)	6 (3.1)	2 (1.1)	2 (3.6)	2 (2.7)
	AC	39 (24.1)	27 (14.7)	78 (24.5)	112 (25.6)	37 (19.1)	65 (17.3)	19 (19.4)	77 (24.8)	38 (19.9)	43 (23.0)	14 (25.0)	15 (20.3)
	CC	122 (75.3)	156 (84.8)	227 (71.4)	318 (72.6)	157 (80.9)	304 (81.1)	78 (79.6)	225 (72.6)	147 (77.0)	142 (75.9)	40 (71.4)	57 (77.0)
3 – rs2886161	GG	16 (9.7)	15 (7.9)	9 (2.8)	34 (7.9)	15 (7.8)	35 (9.5)	6 (6.1)	25 (8.1)	27 (14.4)	17 (9.4)	6 (11.3)	12 (16.2)
	AG	59 (35.8)	91 (47.9)	133 (41.6)	187 (43.2)	108 (56.3)	159 (43.1)	41 (41.4)	120 (38.7)	75 (40.1)	67 (37.0)	27 (50.9)	29 (39.2)
	AA	90 (54.5)	84 (44.2)	178 (55.6)	212 (48.9)	69 (35.9)	175 (47.4)	52 (52.5)	165 (53.2)	85 (45.5)	97 (53.6)	20 (37.8)	33 (44.6)
4 – rs1806649	AA	14 (8.5)	15 (7.9)	15 (4.8)	20 (4.7)	13 (6.8)	28 (7.6)	5 (5.1)	15 (4.9)	9 (4.8)	23 (12.7)	2 (3.8)	8 (11.0)
	AG	65 (39.4)	80 (42.1)	113 (35.9)	137 (32.5)	61 (31.8)	142 (38.4)	29 (29.6)	113 (36.6)	60 (32.3)	61 (33.7)	17 (32.1)	24 (32.9)
	GG	86 (52.1)	95 (50.0)	187 (59.3)	265 (62.8)	118 (61.4)	200 (54.0)	64 (65.3)	181 (58.5)	117 (62.9)	97 (53.6)	34 (64.1)	41 (56.1)
5 – rs2001350	GG	1 (0.6)	0 (0.0)	4 (1.3)	5 (1.2)	0 (0.0)	5 (1.4)	0 (0.0)	4 (1.3)	4 (2.1)	0 (0.0)	2 (3.7)	0 (0.0)
	AG	35 (21.2)	23 (12.1)	80 (25.1)	85 (19.8)	32 (16.7)	60 (16.2)	17 (16.8)	57 (18.4)	28 (14.7)	39 (20.9)	8 (14.8)	17 (23.0)
	AA	129 (78.2)	167 (87.9)	235 (73.6)	339 (79.0)	160 (83.3)	305 (82.4)	84 (83.2)	249 (80.3)	158 (83.2)	148 (79.1)	44 (81.5)	57 (77.0)
6 – 10183914	AA	14 (8.5)	25 (13.2)	32 (10.1)	39 (9.3)	17 (9.0)	47 (12.7)	14 (14.9)	37 (12.7)	20 (10.8)	28 (15.0)	7 (13.0)	9 (12.2)
	AG	81 (49.1)	89 (46.8)	139 (44.0)	184 (43.8)	83 (43.9)	166 (44.7)	37 (39.4)	130 (44.7)	73 (39.2)	73 (39.0)	20 (37.0)	30 (40.5)
	GG	70 (42.4)	76 (40.0)	145 (45.9)	197 (46.9)	89 (47.1)	158 (42.6)	43 (45.7)	124 (42.6)	93 (50.0)	86 (46.0)	27 (50.0)	35 (47.3)

SNP frequencies given as absolute numbers (%).