

Independent and joint effects of the *MAPT* and *SNCA* genes on onset age of Parkinson's disease

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Supplementary Table 1 Primers Sequences and Genotyping Methods

Gene	SNP	Chromosome position	Primers	Genotyping methods	PCR products (bp)	RFLP Products (bp)
<i>SNCA</i>	D4S3481	~10 kb upstream	F: CCTGGCATATTTGATTGCAA R: GACTGGCCCAAGATTAACCA	Capillary electrophoresis on an ABI 3100 Genetic Analyzer (Applied Biosystems)	259, 261, 263	NA
	rs11931074	90639515	F: ACCTATCTATTCCGCCCATCC R: TAGCCAAATCTATAAGAGCAACAC	Bsrl (invitrogen)	351	T allele: 351 G allele: 203, 148
	rs894278	90734535	F: GACGGAAGTGAAGGCAGTG R: GGAAGGAGGGCAGAGTTTT	Direct DNA sequencing (3730xl DNA analyser, Applied Biosystems, Foster City, CA, USA)	399	NA
<i>MAPT</i>	rs3744456	43972176	F: GGTGCGTCTTCCAGGGGACA R: GCGAATCTGGTGGTGAAGAC	Direct DNA sequencing (3730xl DNA analyser, Applied Biosystems, Foster City, CA, USA)	1247	NA
	rs242557	44019712	F: GACACTAATAAGGGAAAATCTC R: GACTGTGGAAGGCTCTGA	APaI (invitrogen)	405	A allele: 405 G allele: 236, 169
	rs17650901	44039691	F: CAACACTCCTCAGAACTTATC R: CAGTGATCTGGGCCTGCTGTG	AluI (New England Biolabs Inc.)	229	A allele: 229 G allele: 183, 46

NA=not applicable

Supplementary Figure: **No** gender difference on the *SNCA* genetic effects of the onset age in PD

