

## Mutations in LRRK2 impair NF- $\kappa$ B pathway in iPSC-derived neurons

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### Additional Material.

Target gene	Forward (5'-3')	Reverse (5'-3')
PTGS1 (COX-1)	CGATGCATACACCACATGAA	AGCGAAGGCTTCTCAAATCA
PTGS2 (COX-2)	GAATCATTACACCAGGCAAATTG	TCTGTACTGCGGGTGAACA
GAPDH	TGCACCACCAACTGCTTAGC	GGCATGGACTGTGGTCATGAG
GFAP	TCTCTCGGAGTATCTGGAACTG	TTCCCTTCCTGTCTGAGTCTCA
IL6	ATGCAATAACCACCCCT	AGTGCCTAACGCTCATAAC
LRRK2	TCCAGATCAACCAAGGCTCACCAT	AGGCTGCTCGGTAAACTGATCCAA
MAPT	GATTGGGTCCCTGGACAATA	GTGGTCTGTCTTGGCTTTGG
NFKBIA (I $\kappa$ B $\alpha$ )	GATCCGCCAGGTGAAGG	GCAATTTCTGGCTGGTTGG
PINK1	GCTTGGGACCTCTCTTGGAT	CGAAGCCATCTTGAACACAA
SNCA	TCCAGAATTCCTTCCTGTGG	GAAGACAGTGGAGGGAGCAG
TNFAIP3 (A20)	GTCCGGAAGCTTGTGGCGCT	CCAAGTCTGTGTCTGAACGCCC
TNFRSF1A (TNFR1)	AATGCCGAAAGGAAATGGGTCAGG	AGGTGCACACGGTGTCTGTTTCT
TNFRSF1B (TNFR2)	TGGTGTGAAAGTCAGATGCCAGA	TGGCAGAGTTTGGCTTTGTCGTTG
TH	TGTCTGAGGAGCCTGAGATTCG	GCTTGTCTTGGCGTCACTG
TUJ1	AGTCGCCCACGTAGTTGC	CGCCAGTATGAGGGAGAT

**Additional Table 1.** Primer sequences used in RT-qPCR analyses.