

| <u>Exon</u> | <u>Primer name</u> | <u>Sequence (5'→ 3')</u> | <u>Location</u> |
|-------------|-----------------------|-----------------------------|-----------------|
| 32-33 | LRRK2-Ex32-33 Forward | ACCATCATAAACGAGAGCCTTAATTC | In exon 31 |
| 32-33 | LRRK2-Ex32-33 Reverse | AGCAATCTGGAATTTTTCTAGGAGCTT | In exon 34 |
| 33 | LRRK2-Exon-33 Forward | CAGCTGCAGTTAGATGAAAATGAGC | In exon 32 |
| 33 | LRRK2-Exon-33 Reverse | TGCCCTTAGGGTGTTTTGGACAACCTT | In exon 34 |

Table S5: PCR primers used in this study to characterize the splicing events in the exon 32-33 region.