

# WES PARKINSON DISEASE DG 3.4

<i>Gene</i>	<i>Median coverage</i>	<i>% covered &gt;10x</i>	<i>% covered &gt;20x</i>	<i>OMIM disease ID</i>
ATP13A2	226.6	100.0	100.0	606693
ATP1A3	194.6	100.0	100.0	128235
C19orf12	189.7	100.0	100.0	614298
CHCHD2	213.2	100.0	100.0	616710
CHMP2B	139.9	100.0	100.0	614696
CSF1R	198.5	100.0	100.0	221820
DCTN1	176.3	100.0	100.0	168605
DNAJC6	174.1	100.0	100.0	615528
FBXO7	193.0	100.0	100.0	260300
FTL	141.9	100.0	100.0	606159
GBA	231.0	100.0	100.0	168600
GCH1	178.1	100.0	100.0	128230
GRN	229.2	100.0	100.0	607485
LRRK2	148.3	100.0	100.0	607060
MAPT	276.3	100.0	100.0	600274
MYORG	221.6	100.0	100.0	618317
PARK7	153.0	100.0	100.0	606324
PDGFB	199.5	100.0	100.0	615483
PDGFRB	206.5	100.0	100.0	615007
PINK1	194.7	100.0	100.0	605909
PLA2G6	170.3	92.3	92.3	612953
POLG	195.1	100.0	100.0	157640
PRKN	136.4	75.5	75.3	600116
PRKRA	249.9	100.0	100.0	612067
PSEN1	168.4	100.0	100.0	600274

SLC20A2	164.7	100.0	100.0	213600
SLC30A10	208.3	100.0	100.0	613280
SLC39A14	165.6	93.6	93.5	617013
SLC6A3	240.3	100.0	100.0	613135
SNCA	133.1	79.1	79.1	605543;168601
TAF1	156.6	100.0	100.0	314250
TH	202.4	100.0	100.0	605407
VPS13C	149.4	100.0	100.0	616840
VPS35	159.5	100.0	100.0	614203
WDR45	184.2	100.0	100.0	300894
XPR1	178.7	100.0	100.0	616413

*Gene symbols used follow HGNC guidelines: Gray KA, Yates B, Seal RL, Wright MW, Bruford EA. Nucleic Acids Res. 2015 Jan 43(Database issue):D1079-85.*

*TWIST is the default chemistry for all WES samples. Agilent V5 was the default chemistry until Q3 2021.*

*Median Coverage describes the average number of reads seen across 50 exomes.*

*Covered 10x describes the percentage of a gene's coding sequence that is covered at least 10x.*

*Covered 20x describes the percentage of a gene's coding sequence that is covered at least 20x.*

*Genes with no value for coverage are non protein coding genes.*

*Non protein coding genes are covered, but as coverage statistics are based on protein coding regions, statistics could not be generated.*

*OMIM release used for OMIM disease identifiers and descriptions: September 1st, 2021.*

[EAS.GenProductCoverage.pdf.footer.ad01](#)