



Practitioner Detailed Appendix



Cognitive Panel

SAMPLE

October 1, 2019

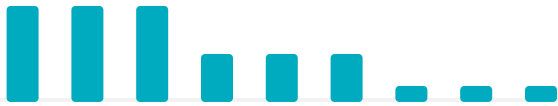
Demo Client

Kit #1234ABCD5678

Practitioner Report Key

1 Trait Impact Summary

A high level overview of which traits have the biggest impact based on our proprietary algorithm.



Impact Score	A potential impact of a variant type.
HIGH	Likely a large clinical impact
MEDIUM	Likely a slightly elevated clinical impact
LOW	Likely a low clinical impact

2 Variant Type

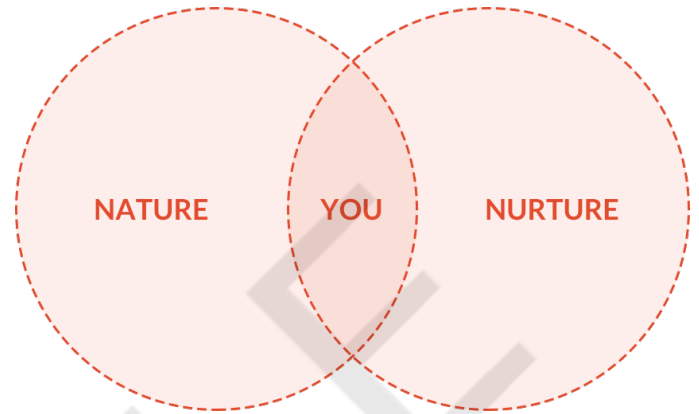
Genetic variants are the differences that make each person unique. In this report, variant refers to Single Nucleotide Polymorphisms (SNPs). + is the risk allele and - is the non-risk allele.

Variant Type	Definition
+/+	Both risk alleles present
+/-	One risk allele present
-/-	No risk allele present
+/U or -/U	Indeterminable allele
NR	Not Reportable, unable to determine variants present in the sample

3 Research Grade

The strength of the research after assessing for number of published studies, sample size of the population studied, degree of study replication, biological mechanism, and other factors.

Research Grade	Definition
***	High Research Validity
**	Medium Research Validity
*	Low Research Validity



UNDERSTANDING THE GENES

DNA is a long, ladder-shaped molecule. Each rung on the ladder is made up of a pair of interlocking units, called bases, that are designated by the four letters in the DNA alphabet - A, T, G and C. 'A' always pairs with 'T', and 'G' always pairs with 'C'.



Basic unit of heredity that is made of DNA and acts as instructions to make all body proteins. Humans have between 20,000 - 25,000 **genes**, half of which come from one's mother and the other half from one's father.



A **SNP** is a Single Nucleotide Polymorphism. DNA consists of 4 main building blocks (Adenine (A), Thymine (T), Guanine (G), and Cytosine (C)). In certain locations within DNA, one person may have an A, whereas another may have a G. This difference is often called a variant. This variant is a SNP. The rs number is a unique identifier used by researchers and databases to refer to specific SNPs. It stands for Reference SNP cluster ID.

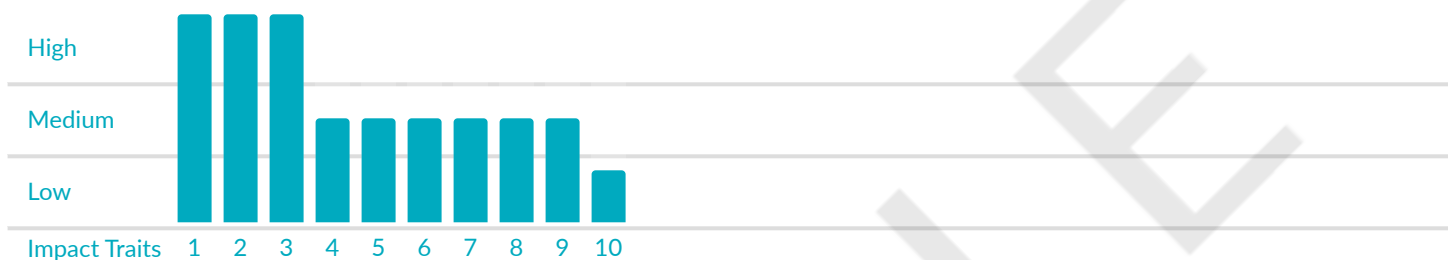


Clinical Significance is the clinical or practical importance of a given SNP. Having a risk variant (+) for a particular SNP, increases one's predisposition to this clinical significance.

Disclaimer - This test is performed via DNA sequencing. As with all genetic testing with the highest possible standards, the data generated during the laboratory process will have a <99% sensitivity and specificity.

How These Traits Affect Your Client

This page provides a high-level snapshot of the clinical significance of each trait within this panel. The results are in two categories: traits that are ranked high, medium or low impact as well as traits for which there is an explicit result (i.e. categorical such as "yes" or "no"). At the end of this page are a summary of any non-reportable (NR) traits. The results for these traits are unable to be determined from the sample submitted. Recommendations are made for traits with high or medium impact only.



Impact Traits	Impact
1 Depression	≡ HIGH
2 Inflammation	≡ HIGH
3 Oxidative Stress	≡ HIGH
4 Alzheimer's Disease	≡ MEDIUM
5 Anxiety	≡ MEDIUM
6 Concussion with TBI	≡ MEDIUM
7 Dementia	≡ MEDIUM
8 Mild Cognitive Impairment	≡ MEDIUM
9 Parkinson's Disease	≡ MEDIUM
10 Omega 3	— LOW

Practitioner Detailed Appendix: Cognitive Panel

Below is a summary of the genetic data that we test for in this Health Action Plan. Recommendations are given for traits with Medium and High Impact.

Traits are listed in order of trait impact. Please look at the Trait Impact Summary Report for more information.

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Depression	HTR1A	rs6295	Increased risk of major depressive disorder	+/+	High	***	22752684, 30083112
Depression	HTR1A	rs878567	Increased risk of major depressive disorder	+/+	High	***	22752684, 27897266
Depression	FKBP5	rs3800373	Increased risk of major depressive disorder following traumatic event	+/+	High	***	21865530, 29466454
Depression	SLC6A4	rs25531	Increased risk of major depressive disorder	+/+	High	***	17938638, 30121542
Depression	FKBP5	rs1360780	Increased risk of depressive disorders	+/+	High	***	21865530, 29182159
Depression	FKBP5	rs9296158	Increased risk of major depressive disorder following traumatic event	+/+	High	***	21865530, 28889074
Depression	CRHR1	rs110402	Increased risk of major depressive disorder	+/+	High	***	22467522, 27544317
Depression	GNB3	rs5443	Increased risk of major depressive disorder	+/+	High	**	17938638, 30083112
Depression	CHRH2	rs3779250	Increased risk of major depressive disorder	+/+	High	**	22467522, 26543368
Depression	MTHFR	rs1801133	Increased risk of major depressive disorder	+/-	Medium	**	17938638, 30083112
Depression	KSR2	rs7973260	Increased risk for depression	+/-	Medium	**	27089181, 27898078

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Depression	LHPP	rs35936514	<i>Increased risk of major depressive disorder</i>	-/-	Low	***	26176920, 30083112
Depression	SLC6A15	rs1545843	<i>Increased risk of major depressive disorder</i>	+/-	Low	***	21521612, 30083112
Depression	SIRT1	rs12415800	<i>Increased risk of major depressive disorder</i>	-/-	Low	***	26176920, 30083112
Depression	PCLO	rs2522833	<i>Increased risk of depressive disorders</i>	+/-	Low	***	22386049, 30083112
Inflammation	TNF- α	rs1800629	<i>Increased risk of elevated inflammatory response</i>	+/+	High	***	18676870, 27477483
Inflammation	IL6	rs1800795	<i>Increased risk of elevated circulating IL-6 cytokines</i>	+/+	High	***	15364891, 22493750
Inflammation	TNF- α	rs1799724	<i>Increased risk of elevated inflammatory response</i>	+/-	Medium	***	25835425, 30581618
Inflammation	PTPN22	rs2476601	<i>Increased risk of elevated inflammatory response</i>	+/-	Medium	***	20444268, 20453842
Inflammation	IL-10	rs1800872	<i>Increased risk of elevated inflammatory response</i>	+/-	Low	**	20444268, 24128120
Inflammation	TNF- α	rs1799964	<i>Increased risk of elevated inflammatory response</i>	-/-	Low	***	21102463, 28584644
Inflammation	IL23R	rs2201841	<i>Increased risk of elevated inflammatory response</i>	+/-	Low	**	20444268, 24128120
Inflammation	IL-10	rs3024505	<i>Increased risk of elevated inflammatory response</i>	-/-	Low	***	18836448, 20444268

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Oxidative Stress	UGT	rs1105879	Increased risk for elevated levels of oxidative stress	+/+	High	***	19267064, 25355624
Oxidative Stress	CDKN	rs10811661	Increased risk for elevated levels of oxidative stress	+/+	High	*	29777116
Oxidative Stress	GSTP1	rs1695	Increased risk for elevated levels of oxidative stress	-/-	Low	***	11535248, 28208751
Oxidative Stress	CYP1A1	rs1048943	Increased risk for elevated levels of oxidative stress	-/-	Low	***	17590289, 30068618
Oxidative Stress	LRRK2	rs34637584	Increased risk for elevated levels of oxidative stress	-/-	Low	***	28420983, 28927418
Oxidative Stress	SOD2	rs4880	Increased risk for elevated levels of oxidative stress	+/-	Low	***	27271305, 29331597
Alzheimer's Disease	APOE	rs7412	Normal - decreased risk for AD	E3/E3	Medium	***	21958003, 30618606, 30679475
Alzheimer's Disease	CD2Ap	rs9349407	Increased risk for AD	+/+	High	***	21460841, 23836404
Alzheimer's Disease	SORL1	rs11218343	Increased risk for AD	+/+	High	**	23565137, 24162737
Alzheimer's Disease	SPSB1	rs11121365	Increased risk for AD development after MCI diagnosis	+/-	Medium	*	28560309
Alzheimer's Disease	BIN1	rs744373	Increased risk for AD	+/-	Medium	***	19734902, 21390209
Alzheimer's Disease	ABCA7	rs3764650	Increased risk for early onset AD	+/-	Medium	***	21460840, 23226438
Alzheimer's Disease	CR1	rs3818361	Increased risk for late-onset AD	+/-	Medium	***	19734902, 20558149
Alzheimer's Disease	RAB20	rs56378310	Increased risk for AD development after MCI diagnosis	+/-	Medium	*	28560309
Alzheimer's Disease	MS4A4E	rs670139	Increased risk for AD	+/-	Medium	***	21460840, 23226438

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Alzheimer's Disease	BDH1	rs2484	Increased risk for AD development after MCI diagnosis	-/-	Low	*	28560309
Alzheimer's Disease	APOE	rs429358	Increased risk for AD	E3/E3	Medium	***	17192785, 20100581
Alzheimer's Disease	PLD3	rs145999145	Increased risk for AD	-/-	Low	***	24336208
Alzheimer's Disease	CR1	rs6656401	Increased risk for late-onset AD	-/-	Low	***	24162737, 26189835
Alzheimer's Disease	ST6GAL1	rs3936289	Increased risk for AD development after MCI diagnosis	-/-	Low	*	28560309
Alzheimer's Disease	ADARB2	rs10903488	Increased risk for AD development after MCI diagnosis	-/-	Low	*	28560309
Alzheimer's Disease	TREM2	rs75932628	Increased risk for AD	-/-	Low	***	23150908, 25936935
Alzheimer's Disease	PDS5B	rs192470679	Increased risk for AD development after MCI diagnosis	-/-	Low	*	28560309
Alzheimer's Disease	TOMM40	rs2075650	Increased risk for AD	NR	Not Reportable	***	19734902, 19734903
Anxiety	LOC15225	rs1709393	Abnormal regulation of basic threat-response systems, increased risk of anxiety disorders	+/+	High	***	26754954, 28867940
Anxiety	SLC6A4	rs25531	Altered serotonin signaling and increased risk of anxiety disorders	+/+	High	***	27788383, 30121542
Anxiety	CAMKMT	rs1067327	Abnormal regulation of basic threat-response systems, increased risk of anxiety disorders	+/+	High	***	26754954, 28867940
Anxiety	RGS2	rs4606	Decreased stress coping ability, increased risk of generalized anxiety disorder	+/+	High	***	28867940, 30107643

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Anxiety	MAOA	rs6323	<i>Increased risk of generalized anxiety disorder in females</i>	+/+	High	***	28867940, 28982350
Anxiety	ACCN1	rs280039	<i>Increased risk for panic disorder</i>	+/-	Medium	**	23149450, 24204716
Anxiety	LOC101927284	rs9302001	<i>Increased risk for panic disorder</i>	+/-	Medium	**	19165232, 24717145
Anxiety	TMEM132D	rs7309727	<i>Increased risk for panic disorder</i>	+/-	Medium	***	20368705, 22948381
Anxiety	TMEM16B	rs12579350	<i>Increased risk for panic disorder</i>	+/-	Medium	**	19165232, 23018769
Anxiety	SDK2	rs3816995	<i>Increased risk for panic disorder</i>	+/-	Medium	**	19165232
Anxiety	COMT	rs4680	<i>Increased risk of generalized anxiety disorder</i>	+/-	Medium	***	28867940, 29941295
Anxiety	MFHAS1	rs12682352	<i>Increased risk of anxiety disorders</i>	+/-	Medium	**	27067015, 28867940
Anxiety	MAGI1	rs35855737	<i>Increased risk of anxiety disorders and major depressive disorders</i>	+/-	Medium	***	27067015, 28867940
Anxiety	NPSR1	rs324981	<i>Decreased stress coping ability, increased risk of generalized anxiety disorder</i>	-/-	Low	***	25971599, 26189450
Anxiety	PLEKHG1	rs9372078	<i>Increased risk for panic disorder</i>	-/-	Low	**	19165232
Anxiety	HTR1A	rs6295	<i>Increased risk of generalized anxiety disorder</i>	-/-	Low	***	28867940, 30083112
Anxiety	CALCOCO1	rs941184	<i>Increased risk for panic disorder</i>	-/-	Low	**	19165232
Anxiety	PKP1	rs860554	<i>Increased risk for panic disorder</i>	-/-	Low	**	19165232
Anxiety	BDNF	rs6265	<i>Increased risk of generalized anxiety disorder</i>	-/-	Low	***	28867940, 30076879

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Anxiety	NPY5R	rs12501691	Increased risk for panic disorder	-/-	Low	**	23149450
Anxiety	NPY	rs16147	Decreased stress coping ability, increased risk of generalized anxiety disorder	+/-	Low	***	28867940, 29099554
Anxiety	CLU	rs17466684	Increased risk for panic disorder	-/-	Low	**	19165232, 22234156
Anxiety	BDKBR2	rs10144552	Increased risk for panic disorder	-/-	Low	**	23149450
Concussion with TBI	APOE	rs7412	Average risk of poor outcome following brain injury	E3/E3	Medium	***	29534716, 29776682
Concussion with TBI	BDNF	rs6265	Decreased memory and processing speed one month after brain injury	-/-	Low	***	22188054, 30076879
Concussion with TBI	CACNA1A	rs121908225	Increased risk of severe edema after minor head trauma	-/-	Low	**	11409427, 18313928
Concussion with TBI	NOS3	rs2070744	Decreased cerebral blood flow and increased risk for poor outcome following traumatic brain injury	-/-	Low	***	21332418, 28254540
Concussion with TBI	APOE	rs429358	Increased risk of poor outcome following brain injury	E3/E3	Medium	***	29534716, 29776682
Dementia	APOE	rs7412	Average risk for vascular dementia	E3/E3	Medium	***	25835425, 29534716
Dementia	PHLDB2	rs951660	Increased risk for vascular dementia	+/-	Medium	**	22111664
Dementia	TMEM106B	rs1990622	Increased risk of ferritin light chain degradation-TDP, decreased antioxidant capacity, increased risk for dementia	+/-	Medium	***	20154673, 29724592

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Dementia	TNF- α	rs1799724	Increased risk for vascular dementia	+/-	Medium	***	22911757, 25835425
Dementia	HLA	rs9268856	Increased risk of ferritin light chain degradation, decreased antioxidant capacity, increased risk for dementia	+/-	Medium	***	24943344, 26154020
Dementia	SYK	rs290227	Increased risk for vascular dementia	+/-	Medium	**	23480133
Dementia	TNFRSF19	rs9317882	Increased risk for vascular dementia	+/-	Medium	**	21127458
Dementia	FAM134B	rs10041159	Increased risk for vascular dementia	+/-	Medium	**	21127458
Dementia	HLA	rs1980493	Increased risk of ferritin light chain degradation, decreased antioxidant capacity, increased risk for dementia	-/-	Low	***	24943344, 28131168
Dementia	APOE	rs429358	Increased risk for vascular dementia	E3/E3	Medium	***	25835425, 29534716
Dementia	AGT	rs61754634	Increased risk for vascular dementia	-/-	Low	**	19550366
Dementia	HSPA1A	rs1008438	Increased risk for vascular dementia	-/-	Low	**	17009590, 23262336
Dementia	TNF- α	rs1799964	Increased risk for vascular dementia	-/-	Low	**	18263601, 23262336
Dementia	HLA	rs9268877	Increased risk of ferritin light chain degradation, decreased antioxidant capacity, increased risk for dementia	-/-	Low	***	24943344, 29315334
Dementia	APOE	rs769449	Increased risk for lewy body dementia	-/-	Low	***	24973356, 28800603
Mild Cognitive Impairment	MS4A6A	rs610932	Increased rate of hippocampal volume loss in MCI patients	+/+	High	***	27244883, 29504051

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Mild Cognitive Impairment	APOE	rs7412	Average risk for decreased hippocampal volume or cognitive impairment	E3/E3	Medium	***	22745009, 29776682
Mild Cognitive Impairment	HRK/FBXW8	rs7294919	Reduced hippocampal volume, increased risk for cognitive impairment	+/+	High	***	22504421, 29282330
Mild Cognitive Impairment	ASTN2	rs7852872	Reduced hippocampal volume, increased risk for cognitive impairment	+/-	Medium	***	22504421, 25313508
Mild Cognitive Impairment	LHFP	rs9315702	Reduced hippocampal volume, increased risk for cognitive impairment	+/-	Medium	**	22745009
Mild Cognitive Impairment	MSRB3/WIF1	rs17178006	Reduced hippocampal volume, increased risk for cognitive impairment	-/-	Low	***	22504421, 24092460
Mild Cognitive Impairment	GCFC2	rs2298948	Reduced hippocampal volume, increased risk for cognitive impairment	-/-	Low	***	22745009, 23209710
Mild Cognitive Impairment	BDNF	rs6265	Accelerated hippocampal atrophy, increased risk for cognitive impairment	-/-	Low	***	24086677, 30076879
Mild Cognitive Impairment	DPP4	rs6741949	Reduced hippocampal volume, increased risk for cognitive impairment	-/-	Low	***	22504421, 25313508
Mild Cognitive Impairment	IL6	rs1800795	Increased cognitive decline in elderly individuals	-/-	Low	**	26517210, 27701469

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Mild Cognitive Impairment	F5	rs6703865	Reduced hippocampal volume, increased risk for cognitive impairment	-/-	Low	**	22745009
Mild Cognitive Impairment	APOE	rs429358	Reduced hippocampal volume, increased risk for cognitive impairment	E3/E3	Medium	***	22745009, 29776682
Mild Cognitive Impairment	PARP1	rs1136410	Increased rate of hippocampal volume loss in MCI patients	-/-	Low	**	23608917, 27099827
Parkinson's Disease	SNCA	rs199533	Increased risk for PD	+/+	High	***	19915575, 28239348
Parkinson's Disease	SNCA	rs199498	Increased risk for PD	+/+	High	*	24511991, 28239348
Parkinson's Disease	RAB7L1	rs823128	Increased risk for PD	+/+	High	**	19915575, 28239348
Parkinson's Disease	SNCA	rs356219	Increased risk for PD	+/+	High	***	22438815, 28239348
Parkinson's Disease	GPNMB	rs199347	Increased risk for PD	+/+	High	**	28239348, 28391543
Parkinson's Disease	VPS13C	rs2414739	Increased risk for PD	+/+	High	**	25064009, 28239348
Parkinson's Disease	SNCA	rs2736990	Increased risk for PD	+/+	High	***	19915575, 28239348
Parkinson's Disease	GCH1	rs11158026	Increased risk for PD	+/+	High	*	27871051, 28239348
Parkinson's Disease	SIPA1L2	rs10797576	Increased risk for PD	+/+	High	**	25064009, 28239348
Parkinson's Disease	STK39	rs2102808	Increased risk for PD	+/+	High	**	21292315, 28239348
Parkinson's Disease	BCKDK/STX1B	rs14235	Increased risk for PD	+/+	High	**	25064009, 28239348
Parkinson's Disease	HLA-DQB1	rs9275326	Increased risk for PD	+/+	High	*	25064009, 28239348
Parkinson's Disease	MCCC1	rs11711441	Increased risk for PD	+/+	High	***	23496138, 28239348

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Parkinson's Disease	SREBF1	rs11868035	Increased risk for PD	+/+	High	**	21738487, 28239348
Parkinson's Disease	INPP5F	rs117896735	Increased risk for PD	+/+	High	*	25064009, 28239348
Parkinson's Disease	MCCC1	rs12637471	Increased risk for PD	+/+	High	**	25064009, 28239348
Parkinson's Disease	RAB7L1	rs823114	Increased risk for PD	+/-	Medium	**	24842889, 28239348
Parkinson's Disease	RAB7L1	rs823118	Increased risk for PD	+/-	Medium	*	28239348
Parkinson's Disease	BST1	rs4698412	Increased risk for PD	+/-	Medium	***	21084426, 28239348
Parkinson's Disease	SNCA	rs11012	Increased risk for PD	+/-	Medium	**	20070850, 28239348
Parkinson's Disease	MTHFR	rs1801133	Increased risk for sporadic PD due to problems with homocysteine metabolism	+/-	Medium	**	22890010, 24064257
Parkinson's Disease	LRRK2	rs1994090	Increased risk for PD	+/-	Medium	***	20413655, 28239348
Parkinson's Disease	MIR4697	rs329648	Increased risk for PD	+/-	Medium	**	25064009, 28239348
Parkinson's Disease	BST1	rs11724635	Increased risk for PD	+/-	Medium	***	21292315, 28239348
Parkinson's Disease	SNCA	rs17577094	Increased risk for PD	+/-	Medium	*	24842889, 28239348
Parkinson's Disease	SNCA	rs8070723	Increased risk for PD	+/-	Medium	**	18985386, 28239348
Parkinson's Disease	SNCA	rs2942168	Increased risk for PD	+/-	Medium	**	21292315, 28239348
Parkinson's Disease	FAM47E	rs6812193	Increased risk for PD	+/-	Medium	***	19915575, 28239348
Parkinson's Disease	SNCA	rs393152	Increased risk for PD	+/-	Medium	***	18985386, 28239348
Parkinson's Disease	SNCA	rs12185268	Increased risk for PD	+/-	Medium	**	20070850, 28239348

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Parkinson's Disease	TMEM175	rs6599389	Increased risk for PD	-/-	Low	**	21738487, 28239348
Parkinson's Disease	TMEM175	rs11248051	Increased risk for late-onset PD	-/-	Low	***	20711177, 28239348
Parkinson's Disease	GBA	rs12726330	Increased risk for PD	-/-	Low	**	22451204, 28239348
Parkinson's Disease	SNCA	rs11931074	Increased risk for PD	-/-	Low	***	19915576, 28239348
Parkinson's Disease	UCHL1	rs5030732	Increased risk for PD	-/-	Low	**	20302855, 22839974
Parkinson's Disease	LRRK2	rs34637584	Increased risk for PD	-/-	Low	***	15680456, 28239348
Parkinson's Disease	RAB7L1	rs947211	Increased risk for PD	-/-	Low	***	21419001, 28239348
Parkinson's Disease	TMEM175	rs34311866	Increased risk for PD	-/-	Low	*	25064009, 28239348
Parkinson's Disease	SNCA	rs6532194	Increased risk for PD	-/-	Low	**	21268244, 28239348
Parkinson's Disease	TMEM175	rs11248060	Increased risk for PD	-/-	Low	***	20070850, 28239348
Parkinson's Disease	CCDC62	rs11060180	Increased risk for PD	-/-	Low	**	25064009, 28239348
Parkinson's Disease	LRRK2	rs1491942	Increased risk for PD	-/-	Low	**	21292315, 28239348
Parkinson's Disease	RIT2	rs4130047	Increased risk for PD	-/-	Low	**	21738487, 28239348
Parkinson's Disease	STK39	rs1474055	Increased risk for PD	-/-	Low	**	25064009, 28239348
Parkinson's Disease	LRRK2	rs76904798	Increased risk for PD	-/-	Low	**	26738859, 28239348
Parkinson's Disease	DDRGK1	rs8118008	Increased risk for PD	-/-	Low	**	25064009, 28239348
Parkinson's Disease	GBA	rs34372695	Increased risk for PD	-/-	Low	***	22786590, 28239348
Parkinson's Disease	ACMSD/ TMEM163	rs6430538	Increased risk for PD	-/-	Low	**	22451204, 28239348

Trait	Gene	SNP/RSID	Clinical Significance	Variant Type	SNP Impact Score	Research Grade	References (PMID)
Parkinson's Disease	TMEM175	rs6599388	<i>Increased risk for PD</i>	NR	Not Reportable	**	21292315, 28239348
Parkinson's Disease	SNCA	rs356220	<i>Increased risk for PD</i>	NR	Not Reportable	***	22839974, 28239348
Omega 3	FADS1	rs174537	<i>Increased risk of low Omega-3 fatty acid levels</i>	-/-	Low	***	21829377, 28598979
Omega 3	FADS2	rs174576	<i>Increased risk of low Omega-3 fatty acid levels</i>	-/-	Low	***	21829377, 24936800

SAMPLE