

Report Summary

1925

Total Variants

66

Categories

11

Pathway Figures

365

High Risk (+/+)

555

Moderate Risk (+/-)

1005

Low Risk (-/-)

Table of Contents

Report Overview 1

Genetic Variants (66 categories) 2

Alzheimers/Cardio/Lipid (127 variants) ▲ ▲ 2


COMT Activity (163 variants) ▲ ▲ 7

Cannabinoid Pathway (81 variants) ▲ ▲ 13



Celiac Disease/Gluten Intolerance (5 variants) ▲ ▲ 16



Clotting Factors (16 variants) ▲ ▲ 17


Eye Health (3 variants) ⚡ 18


Glyoxylate Metabolic Process (65 variants)   19

HLA (77 variants)   22

IgA (13 variants)   25



IgE (11 variants)   26


IgG (2 variants)  27

Covid (58 variants)   28

Iron Uptake & Transport (40 variants)   30

Liver Detox - Phase I (92 variants)   32

Liver Detox - Phase II (221 variants)   36



Methylation & Methionine/Homocysteine Pathways (139 variants)   44



Mitochondrial Function (49 variants)   49

Molybdenum (48 variants)   51


Neurotransmitter Pathway: Serotonin & Dopamine (242 variants)   53



Other Immune Factors (22 variants)   62



Pentose Phosphate Pathway (48 variants)   63

Thiamin/Thiamine Degradation (97 variants)   65


Thyroid (8 variants)   69


Trans-Sulfuration Pathway (34 variants)   70

Yeast/Alcohol Metabolism (15 variants)   72

Castor Oil (12 variants)   73

Sodium Deoxycholate (5 variants)   74

Potassium Chloride (4 variants)  75

Beta-Propiolactone (2 variants)  76

Polysorbate 20 (3 variants)  77

Gentamicin Sulfate (1 variants)  78

Formaldehyde (3 variants)  79

Acetone (4 variants) ⚡ 80

Sorbitol (17 variants) ⚠ ⚠ 81

Lactose (9 variants) ⚠ ⚠ 82

Insect Cell (4 variants) 83

A-Tocopheryl Hydrogen Succinate (7 variants) ⚠ ⚠ 84

Amphotericin B (7 variants) ⚠ ⚠ 85

Plasdone C (4 variants) ⚡ 86

Magnesium Stearate (11 variants) ⚠ ⚠ 87

Benzethonium Chloride (6 variants) ⚠ ⚠ 88

Ovalbumin (7 variants) ⚠ ⚠ 89

Polysorbate 80 (20 variants) ⚠ ⚠ 90

Sucrose (1 variants) 91

Sodium Chloride (7 variants) ⚠ ⚠ 92

Dextrose (12 variants) ⚠ ⚠ 93

Polymyxin B (2 variants) ⚡ 94

Urea (2 variants) ⚠ ⚠ 95

Gelatin (11 variants) ⚠ ⚠ 96

Hydrocortisone (22 variants) ⚠ ⚠ 97

FD&C Yellow #6 Aluminum Lake Dye (3 variants) ⚠ ⚠ 98

Calcium Chloride (4 variants) ⚡ 99

Sodium Borate (3 variants) ⚡ 100

Protamine Sulphate (4 variants) ⚠ ⚠ 101

D-Fructose (2 variants) ⚠ ⚠ 102

Phenol Red (6 variants) ⚡ 103

Nonylphenol Ethoxylate (10 variants) ⚠ ⚠ 104

Microcrystalline Cellulose (1 variants) 105

- Magnesium Sulfate (8 variants) 106
- Disodium Phosphate (3 variants) 107
- Phosphate-Buffered Saline (4 variants) 108
- D-Mannose (4 variants) 109
- Sodium Taurodeoxycholate (3 variants) 110
- Human Serum Albumin (1 variants) 111
- Aluminum Sulfate (3 variants) 112
- L-Tyrosine (7 variants) 113

Important Disclaimer 114

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

Alzheimers/Cardio/Lipid
127 variants found 17 27 83

Risk Summary: 17 high risk variants, 27 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11591147	PCSK9 R46L	T	GG	-/-
rs1324214	F3 94997288 C15126T	A	AG	+/-
rs3917643	F3 94997288 A10547G	C	TT	-/-
rs4970834	CELSR2 -20C7927T	T	CC	-/-
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs7542281	F5 G24331A	T	CC	-/-
rs2227589	SERPINC1 G5301A	T	CC	-/-
rs6656401	CR1 A27577G	A	AG	+/-
rs63750048	PSEN2 Ala85Val	T	CC	-/-
rs63749851	PSEN2 Thr122Pro	C	AA	-/-
rs63750197	PSEN2 Ser130Leu	T	CC	-/-
rs63750215	PSEN2 Asn141Ile	T	AA	-/-
rs61757781	PSEN2 Met174Val	G	AA	-/-
rs28936379	PSEN2 Met239Val	G	AA	-/-
rs63749884	PSEN2 Met239Ile	A	GG	-/-
rs63750666	PSEN2 Thr429Met	T	CC	-/-
rs63750110	PSEN2 Asp438Ala	C	AA	-/-
rs2254958	EIF2AK2 C12900T	A	GG	-/-

This report is intended to translate your results into an easier to understand form. It is not intended to diagnose or treat. For diagnosis or treatment, please present this to your doctor (or find a doctor on MTHFRSupportTM website under Find a Practitioner. Additionally, genetic mutations are flags that something ****could**** be wrong and not a guarantee that you are having all or any of the associated issues. Other factors like environment, ethnic background, diet, age, personal history, etc all have a factor in whether a mutation starts to present itself or not and when. Copyright all rights reserved MTHFR SupportTM

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1523127	NR1I2 C6709A	A	AA	+/+
rs1049296	TF C34378T	C	CC	+/+
rs1803274	BCHE CHE*539T	T	CT	+/-
rs1799807	BCHE A98G	T	TT	+/+
rs9898	HRG Pro204Ser	C	CT	+/-
rs13133980	APBB2 G41002946C	C	CG	+/-
rs13146272	CYP4V2 Q259K	C	AA	-/-
rs3756009	F11 A3994G	G	AG	+/-
rs2036914	F11 T10364C	C	CC	+/+
rs2289252	F11 C25264T	C	CT	+/-
rs12514426	WWC1 G179644A	A	GG	-/-
rs1801020	F12 T5046C	A	GG	-/-
rs2731672	KNG I598T GP IIIa HPA-1	T	CC	-/-
rs179943	ATXN1 C368404T	A	AG	+/-
rs1799945	HFE H63D	G	CC	-/-
rs1800562	HFE C282Y	A	GG	-/-
rs241448	TAP2 T14863C	A	AA	+/+
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs2069837	IL6 A6262G	G	AA	-/-
rs11136000	CLU A58V	C	CT	+/-
rs7019241	GOLM1 C17857992T	C	CC	+/+
rs10868366	GOLM1 G88700060T	T	GG	-/-
rs4986790	TLR4 D299G	G	AA	-/-
rs908832	ABCA2 T15891C	A	GG	-/-
rs1880676	CHAT Asp7Asn	A	AG	+/-
rs3810950	CHAT A120T	A	AG	+/-
rs1937	TFAM Ser12Thr	C	GG	-/-
rs6583817	IDE G91606A	C	CC	+/+
rs4646954	IDE C5026T	A	GG	-/-
rs911541	ENTPD7 G101433392A	A	AA	+/+
rs3740199	ADAM12 G63103C	C	CG	+/-
rs17571	CTSD A58V	A	GG	-/-
rs11030104	BDNF T64089C	A	AG	+/-
rs2049045	BDNF C54365G	C	CG	+/-
rs5896	F2 C494T	T	CT	+/-
rs10793294	GAB2 G137466T	A	AA	+/+
rs2373115	GAB2 G42719T	G	CC	-/-
rs7946599	SORL1 G105680A	A	GG	-/-
rs2298814	SORL1 G106922A	A	GG	-/-
rs6589885	SORL1 G108082A	A	GG	-/-
rs720099	SORL1 T115833C	C	TT	-/-
rs11218342	SORL1 T121434428C	C	TT	-/-
rs1784919	SORL1 T121705C	T	CC	-/-
rs1792124	SORL1 A123560G	A	GG	-/-
rs3781835	SORL1 G130294A	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3781838	SORL1 T135557G	G	TT	-/-
rs10892759	SORL1 G146128A	G	GG	+/+
rs1792113	SORL1 A146986G	G	GG	+/+
rs669	A2M Ile1000Val	C	TT	-/-
rs11609582	A2M A9242623T	T	AA	-/-
rs12316150	OLR1 T17500A	T	AA	-/-
rs2160525	LRP6 T154522C	A	AG	+/-
rs1012672	LRP6 Cys1270	A	GG	-/-
rs2302685	LRP6 V1062I	C	CT	+/-
rs2248663	RNF219 T79207588C	C	TT	-/-
rs6046	F7 A353G Arg329Gln	A	GG	-/-
rs3211719	F10 I13777509 A5397C	A	AG	+/-
rs63749824	PSEN1 Ala75Val	T	CC	-/-
rs63750599	PSEN1 Leu81Pro	C	TT	-/-
rs63750815	PSEN1 Val85Leu	T	GG	-/-
rs63751037	PSEN1 Met135Val	G	AA	-/-
rs63749885	PSEN2 His159Tyr	T	CC	-/-
rs63750590	PSEN1 His159Arg	G	AA	-/-
rs63750577	PSEN1 Ser166Phe	T	CC	-/-
rs63751144	PSEN1 Leu170Met	A	CC	-/-
rs63751068	PSEN1 Gly179Val	T	GG	-/-
rs63750526	PSEN1 Ala242Glu	A	CC	-/-
rs63751163	PSEN1 Leu246Ser	C	TT	-/-
rs63751320	PSEN1 Tyr252Ser	C	AA	-/-
rs3025786	PSEN1 T66540C	C	CT	+/-
rs63751229	PSEN1 Pro263Ser	T	CC	-/-
rs63750900	PSEN1 Arg265His	A	GG	-/-
rs63750886	PSEN1 Leu267Val	G	CC	-/-
rs63751235	PSEN1 Leu282Val	G	CC	-/-
rs17125721	PSEN1 Glu314Gly	G	AA	-/-
rs63750218	PSEN1 Leu388Pro	C	TT	-/-
rs63751223	PSEN1 Ala422Pro	C	GG	-/-
rs8702	KLC1 C.*396G	C	GG	-/-
rs1047552	APH1B T63597857A	G	TT	-/-
rs1800775	CETP C4402A	C	AA	-/-
rs5882	CETP I405V	A	AG	+/-
rs5848	GRN C12754T	T	CT	+/-
rs242557	MAPT A52950A	A	AG	+/-
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs1800458	TTR Gly26Ser	A	GG	-/-
rs3764650	ABCA7 T1046520G	G	TT	-/-
rs892086	DNM2 G13923A	A	AA	+/+
rs688	LDLR Asn464	T	TT	+/+
rs6859	PVRL2 A37642G	A	AG	+/-
rs157580	TOMM40 G45395266A	G	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs440446	APOE IVS1+69	C	CG	+/-
rs28931576	APOE A178G	G	AA	-/-
rs429358	APOE ApoE epsilon 4	C	TT	-/-
rs28931578	APOE G455A	A	GG	-/-
rs769455	APOE C8002T	T	CC	-/-
rs7412	APOE APOE epsilon 2	T	CT	+/-
rs28931579	APOE A8455C	C	AA	-/-
rs1613662	GP6 Pro219Ser	G	AA	-/-
rs1042580	THBD A7681G	C	CC	+/+
rs63749964	APP Val586Gly	C	AA	-/-
rs63750399	APP Ile698Val	C	TT	-/-
rs63750734	APP Val697Met	T	CC	-/-
rs63750973	APP Thr696Ile	A	GG	-/-
rs63750643	APP Thr696Ala	C	TT	-/-
rs63750066	APP Ala695Thr	T	CC	-/-
rs63750671	APP Ala674Gly	G	GG	+/+
rs63750847	APP Ala655Thr	T	CC	-/-
rs63750363	APP Glu647Asp	C	CC	+/+
rs6048	F9 G580A A25386G	G	AG	+/-

COMT Activity

163 variants found 27 58 78
(See Figure 4)

Risk Summary: 27 high risk variants, 58 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9824856	DRD3 G50169T	A	AA	+/+
rs9828046	DRD3 C44637T	A	GG	-/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs963468	DRD3 C40013T	A	AA	+/+
rs3773678	DRD3 T32822C	G	GG	+/+
rs2630349	DRD3 T29528C	G	GG	+/+
rs2630351	DRD3 T27841C	A	GG	-/-
rs167771	DRD3 C26625T	A	AA	+/+
rs324029	DRD3 T21277C	A	GG	-/-
rs10934256	DRD3 G17248T	A	CC	-/-
rs1486009	DRD3 T14368C	A	AA	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs9825563	DRD3 T2680C	A	AA	+/+
rs1394016	DRD3 G20405035A	G	GG	+/+
rs251937	DRD1 A9244G	C	TT	-/-
rs4867798	DRD1 A8265G	C	CT	+/-
rs686	DRD1 C7464T	A	AG	+/-
rs4532	DRD1 G6014A	C	CT	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs265981	DRD1 T5262C	A	AG	+/-
rs1611114	DBH C3719T	T	CT	+/-
rs1611115	DBH variant	T	CC	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs2007153	DBH T7335C	T	CT	+/-
rs2519155	DBH T8114C	T	TT	+/+
rs1108580	DBH A486G	A	AG	+/-
rs1108581	DBH A8757G	G	AG	+/-
rs2873804	DBH T9160C	T	CT	+/-
rs5320	DBH G631A	A	AG	+/-
rs5321	DBH G717C	C	GG	-/-
rs5324	DBH G12174A	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1611123	DBH C12599T	T	CT	+/-
rs1611125	DBH C12828T	T	CT	+/-
rs4531	DBH G952T	T	GG	-/-
rs2519152	DBH T13150C	C	CT	+/-
rs1541332	DBH G15032A	A	AA	+/+
rs2519154	DBH T15791C	C	CT	+/-
rs2797853	DBH T16031C	T	CC	-/-
rs2283123	DBH C18813T	T	CC	-/-
rs77905	DBH A1410G	A	AG	+/-
rs2097628	DBH T2145C	A	AA	+/+
rs129882	DBH C27185T	T	CT	+/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs9804190	ANK3 G658454A	C	CC	+/+
rs10761482	ANK3 T62085337C	C	CC	+/+
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs1938526	ANK3 T197902C	G	AA	-/-
rs3758653	DRD4 T4095C	C	CT	+/-
rs916457	DRD4 C4710T	T	CC	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs1800443	DRD4 T581G	G	TT	-/-
rs11246226	DRD4 C8887A	A	AC	+/-
rs4331145	DRD4 T643683C	T	CT	+/-
rs2070762	TH T1090C	G	GG	+/+
rs28934580	TH G1010A/R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	GG	-/-
rs6356	TH V112M	T	CT	+/-
rs1800497	ANKK1 E713K	A	AG	+/-
rs10891549	DRD2 A72555G	C	CT	+/-
rs2234689	DRD2 C72519G	G	CC	-/-
rs2242592	DRD2 C71572T	G	AA	-/-
rs6277	DRD2 C957T	A	AG	+/-
rs6275	DRD2 T852C	A	GG	-/-
rs1076560	DRD2 G67314T	A	AC	+/-
rs2283265	DRD2 G65466T	A	AC	+/-
rs2734838	DRD2 T64501C	G	AG	+/-
rs2440390	DRD2 A64124G	C	CC	+/+
rs1079727	DRD2 A61820G	C	CT	+/-
rs1076563	DRD2 T55093G	A	AC	+/-
rs1079597	DRD2 G54716A	T	CT	+/-
rs1079596	DRD2 G54383A	T	CT	+/-
rs1125394	DRD2 A53817G	T	CT	+/-
rs2471857	DRD2 G52663A	T	CT	+/-
rs4436578	DRD2 G44237A	T	TT	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4620755	DRD2 C41383T	A	GG	-/-
rs11214606	DRD2 G41133A	T	CC	-/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs4648319	DRD2 C36639T	G	AG	+/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs4245146	DRD2 A33029G	C	CT	+/-
rs4936270	DRD2 A32594G	T	CC	-/-
rs4274224	DRD2 C31550T	G	AG	+/-
rs4581480	DRD2 G26528A	C	TT	-/-
rs7131056	DRD2 T21228G	A	CC	-/-
rs4648317	DRD2 C19470T	A	AG	+/-
rs4938019	DRD2 A9611G	C	CT	+/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs1006737	CACNA1C G115699A	A	GG	-/-
rs2159100	CACNA1C C271442T	T	CC	-/-
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1051375	CACNA1C G5445A	A	AA	+/+
rs1801153	PAH G*187A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs28934899	PAH R413P	G	CC	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs2245360	PAH C81837T	A	AG	+/-
rs772897	PAH G1155C	G	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs1722387	PAH A75311G	T	CC	-/-
rs1718312	PAH T75193C	G	AG	+/-
rs5030853	PAH A300S	A	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs3817446	PAH A55562G	C	CT	+/-
rs1718301	PAH C45188T	A	AG	+/-
rs2037639	PAH C45031T	A	AG	+/-
rs1722392	PAH G37636A	T	CT	+/-
rs1522305	PAH C35625G	G	GG	+/+
rs10860936	PAH A33429G	C	TT	-/-
rs10778209	PAH T32409C	A	GG	-/-
rs11111419	PAH T31338A	T	AA	-/-
rs62507347	PAH A27743C	C	TT	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs1522296	PAH C5594T	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4767939	ALDH2 A7550G	A	AA	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs2238152	ALDH2 G15114T	T	GG	-/-
rs4648328	ALDH2 C23443T	T	CC	-/-
rs7311852	ALDH2 C25959G	G	CC	-/-
rs441	ALDH2 T29504C	C	TT	-/-
rs968529	ALDH2 T35023C	C	CC	+/+
rs4646778	ALDH2 C36438A	A	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs876493	PNMT G-184A	A	AG	+/-
rs5638	PNMT A456G	G	AA	-/-
rs933271	COMT A2953G	T	TT	+/+
rs1544325	COMT A7406G	A	AG	+/-
rs5993883	COMT T13376G	T	GT	+/-
rs739368	COMT G14834A	A	GG	-/-
rs4646312	COMT T24075C	C	CT	+/-
rs165656	COMT G24601C	C	CG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs4633	COMT H62H	T	CT	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs740601	COMT T26501G	T	GT	+/-
rs8192488	COMT C438T	T	CC	-/-
rs4680	COMT V158M	A	AG	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs165774	COMT G28299A	A	GG	-/-
rs174696	COMT C28914T	C	TT	-/-
rs174699	COMT C30196T	C	TT	-/-

COMT Activity (continued)
(See Figure 4)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AA	+/+
rs5953210	MAOA G3638A	G	AG	+/-
rs5906883	MAOA A16535C	C	AC	+/-
rs5906957	MAOA A36902G	G	AG	+/-
rs909525	MAOA C42794T	C	CT	+/-
rs6323	MAOA R297R/G492T/T941G	G	TT	-/-
rs2235186	MAOA A85020G	A	GG	-/-
rs2072743	MAOA T89113C	C	CC	+/+
rs1137070	MAOA T1011C/1460C	T	CC	-/-
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AA	-/-
rs6651806	MAOB T57758G	A	CC	-/-

Cannabinoid Pathway

81 variants found 8 30 43

Risk Summary: 8 high risk variants, 30 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2229579	CNR2 H316T	A	GG	-/-
rs2502993	CNR2 A282A	A	AG	+/-
rs2501431	CNR2 G155G	A	AG	+/-
rs2501432	CNR2 G63A	T	CT	+/-
rs16828926	CNR2 G24215130A	A	GG	-/-
rs9424398	CNR2 T24221834G	G	GG	+/+
rs806368	CNR1 T88850100C	T	TT	+/+
rs12720071	CNR1 T88851181C	C	TT	-/-
rs4707436	CNR1 G88851751A	A	AG	+/-
rs6911472	CNR1 A88853143C	C	AA	-/-
rs1049353	CNR1 T453T	T	CT	+/-
rs806369	CNR1 T88856178C	T	CT	+/-
rs806374	CNR1 T88857320C	T	CT	+/-
rs806376	CNR1 T88858648C	C	CT	+/-
rs806377	CNR1 T88858723C	T	CT	+/-
rs806378	CNR1 C88859551T	T	CT	+/-
rs6454672	CNR1 T88861570C	C	TT	-/-
rs6928813	CNR1 A88861698G	G	AA	-/-
rs9450898	CNR1 C88864063T	T	CC	-/-
rs806380	CNR1 A88864653G	A	AG	+/-
rs806381	CNR1 A88865901G	A	AG	+/-
rs7752758	CNR1 A88866376G	G	AA	-/-
rs12528858	CNR1 A88867488G	G	AA	-/-
rs12205430	CNR1 T88867925C	C	CT	+/-
rs6454673	CNR1 G88871049A	G	AG	+/-
rs6454674	CNR1 T88872930G	T	GT	+/-
rs1049742	ABP1/DAO S332P	T	CC	-/-
rs45558339	ABP1 M479I	A	GG	-/-
rs10893	ABP1 P545P	A	AA	+/+
rs1049748	ABP1 P574P	T	CT	+/-
rs35070995	ABP1 A678H	C	AA	-/-
rs2853563	VDR G68077A	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11574129	VDR T66512C	G	AA	-/-
rs3847987	VDR C48238068A	A	CC	-/-
rs739837	VDR C65594A	G	GG	+/+
rs2229829	VDR A452A	T	GG	-/-
rs34189316	VDR T416T	A	GG	-/-
rs11574115	VDR T412I	A	GG	-/-
rs731236	VDR TAQ	A	AA	+/+
rs4987032	VDR A400A	T	CC	-/-
rs7975232	VDR G64978T	A	CC	-/-
rs757343	VDR C48239675T	T	CC	-/-
rs7967152	VDR A48244184C	C	AA	-/-
rs2239185	VDR G48244559A	A	GG	-/-
rs2239184	VDR C59232T	A	GG	-/-
rs2229828	VDR S198S	A	GG	-/-
rs11168267	VDR G48251542A	A	GG	-/-
rs11574077	VDR T48252927C	C	TT	-/-
rs2248098	VDR T50459C	G	AA	-/-
rs2239182	VDR T48255411C	C	TT	-/-
rs2107301	VDR C48245T	A	AG	+/-
rs2239181	VDR T47866G	C	AA	-/-
rs1540339	VDR G46489A	T	CT	+/-
rs2239179	VDR T48257766C	C	TT	-/-
rs12717991	VDR G44689A	T	CT	+/-
rs12721370	VDR G41742T	A	CC	-/-
rs886441	VDR G48262964A	G	AG	+/-
rs2189480	VDR C39987A	T	GT	+/-
rs3819545	VDR T38809C	G	AG	+/-
rs3782905	VDR C37648G	C	GG	-/-
rs2239186	VDR T34405C	G	AG	+/-
rs11168275	VDR T48272275C	C	CT	+/-
rs10783218	VDR G48272743A	A	GG	-/-
rs2254210	VDR G48273714A	A	GG	-/-
rs2238136	VDR C48277713T	T	CC	-/-
rs2238135	VDR G25625C	G	CC	-/-
rs2853564	VDR G48278487A	G	AA	-/-
rs11168287	VDR G48285414A	G	GG	+/+
rs4328262	VDR C18167A	G	GT	+/-
rs4334089	VDR G48286015A	G	AG	+/-
rs4237855	VDR G48287203A	A	AG	+/-
rs11574027	VDR C48287373A	A	CC	-/-
rs3890733	VDR G14442A	T	CC	-/-
rs10875695	VDR C48293037A	A	AC	+/-
rs11168293	VDR G48293716T	G	GG	+/+
rs4760655	VDR G48294131A	G	AG	+/-
rs7136534	VDR G9189A	G	CT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs7299460	VDR C48296268T	T	CT	+/-
rs4760658	VDR T7329C	G	AA	-/-
rs2070586	DAO G8864A	G	GG	+/+
rs2070587	DAO T887G	G	TT	-/-

Celiac Disease/Gluten Intolerance

5 variants found 1 3 1

Risk Summary: 1 high risk variants, 3 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs6441961	3p21 near CCR3 1184A>G variant	T	CC	-/-
rs9851967	LPP 220966C>T	T	CT	+/-
rs6822844	4q27 Region 123509421G>T	G	GG	+/+
rs2187668	HLA-DQA1 variant	T	CT	+/-

Clotting Factors

16 variants found 2 5 9

Risk Summary: 2 high risk variants, 5 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1324214	F3 94997288 C15126T	A	AG	+/-
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs2227589	SERPINC1 G5301A	T	CC	-/-
rs1523127	NR1I2 C6709A	A	AA	+/+
rs9898	HRG Pro204Ser	C	CT	+/-
rs13146272	CYP4V2 Q259K	C	AA	-/-
rs2036914	F11 T10364C	C	CC	+/+
rs2289252	F11 C25264T	C	CT	+/-
rs1801020	F12 T5046C	A	GG	-/-
rs2731672	KNG I598T GP IIIa HPA-1	T	CC	-/-
rs6046	F7 A353G Arg329Gln	A	GG	-/-
rs3211719	F10 113777509 A5397C	A	AG	+/-
rs1800775	CETP C4402A	C	AA	-/-
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs1613662	GP6 Pro219Ser	G	AA	-/-
rs6048	F9 G580A A25386G	G	AG	+/-

Eye Health

3 variants found 3

Risk Summary: 3 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs12934922	BCMO1 R267S Arg267Ser	T	AT	+/-
rs4889294	BCMO1 36464T>C	C	CT	+/-
rs7501331	BCMO1 A379V Ala379Val	T	CT	+/-

Glyoxylate Metabolic Process

65 variants found 20 20 25

(See Figure 5)

Risk Summary: 20 high risk variants, 20 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2810424	DBT A56731G	T	CC	-/-
rs12021720	DBT G384S	T	CC	-/-
rs74103423	DBT E224null	C	CC	+/+
rs7079	AGT 17006C>A	T	GG	-/-
rs2478523	AGT 13828T>C	G	AA	-/-
rs2493132	AGT 11780A>G	T	TT	+/+
rs3789670	AGT 11623G>A	C	CC	+/+
rs2478545	AGT 11216C>T	A	GG	-/-
rs6687360	AGT 10345G>A	T	CC	-/-
rs5041	AGT Leu244Arg	C	AA	-/-
rs4762	AGT Thr207Met	A	GG	-/-
rs5039	AGT Gln53Glu	A	GG	-/-
rs11122576	AGT 8658A>G	T	TT	+/+
rs2004776	AGT 6635G>A	C	CC	+/+
rs3889728	AGT 6506G>A	C	CC	+/+
rs2493134	AGT 5978A>G	C	TT	-/-
rs2148582	AGT 5538T>C	G	AA	-/-
rs5051	AGT 5465G>A	C	CC	+/+
rs5050	AGT 5451A>C	G	TT	-/-
rs11568020	AGT 5319G>A	T	CC	-/-
rs5049	AGT 5254G>A	T	CC	-/-
rs34116584	AGXT P11R	T	CT	+/-
rs4426527	AGXT I340M	A	AG	+/-
rs1464568	AMT C6846T	G	AG	+/-
rs2687975	LIAS C16647T	C	CC	+/+
rs2259073	LIAS A19410C	C	AA	-/-
rs1377210	AGXT2L1 S127P	G	AG	+/-
rs16899974	AGXT2 V498L	A	AA	+/+
rs7717823	AGXT2 C35000795T	C	CC	+/+
rs466067	AGXT2 G435G	A	GG	-/-
rs180749	AGXT2 T212I	A	AA	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs344156	AGXT2 A35035579G	A	GG	-/-
rs37369	AGXT2 V140I	T	CT	+/-
rs2279651	AGXT2 H118H	G	GG	+/+
rs40200	AGXT2 A35045745G	G	GG	+/+
rs6931421	BCKDHB T68795G	G	GT	+/-
rs688867	BCKDHB G127885A	G	AG	+/-
rs10455370	BCKDHB C229524T	T	CT	+/-
rs4502885	BCKDHB G243172A	G	AA	-/-
rs7740958	BCKDHB T244070C	T	CC	-/-
rs2057149	DDO C110717493T	C	TT	-/-
rs3757351	DDO A110735630G	G	AG	+/-
rs10263341	DLD T19214C	T	CT	+/-
rs4518	DLD C33606T	C	CT	+/-
rs45558339	ABP1 M479I	A	GG	-/-
rs10893	ABP1 P545P	A	AA	+/+
rs1049748	ABP1 P574P	T	CT	+/-
rs35070995	ABP1 A678H	C	AA	-/-
rs7848919	GLDC C118216T	G	AG	+/-
rs11789777	GLDC A55715G	T	TT	+/+
rs3740015	DHTKD1 Y272D	T	GT	+/-
rs497582	PDHX V271V	T	CC	-/-
rs2303436	DLAT A43V	T	CT	+/-
rs732765	DLST A22136G	G	AA	-/-
rs1799900	DLST G24147A	G	AG	+/-
rs459894	NDUFAB1 A23601488G	G	AA	-/-
rs730168	LDHD C75150275T	C	CT	+/-
rs3810174	BCKDHA C5472T	C	CT	+/-
rs2423322	HAO1 A7873112G	G	AG	+/-
rs2423326	HAO1 A7893640G	A	AA	+/+
rs16994134	HAO1 T7894092C	T	TT	+/+
rs6118004	HAO1 C7897049T	C	CC	+/+
rs941426	HAO1 A7905050G	A	AA	+/+
rs941425	HAO1 G7905283A	G	GG	+/+
rs2423334	HAO1 T7905947C	T	CT	+/-

HLA

77 variants found 7 36 34
 (See Figure 6)

Risk Summary: 7 high risk variants, 36 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2743951	HLA-F-AS1 7747G>A	T	CT	+/-
rs2844846	HLA-F-AS1, MICE 4945T>A	T	AT	+/-
rs12722477	HLA-G Leu134Ile	A	CC	-/-
rs17875402	HLA-G 6737G>A	A	GG	-/-
rs1632933	HLA-G 8178C>T	T	CT	+/-
rs1063320	HLA-G 8994C>G	C	CG	+/-
rs9380142	HLA-G 9039A>G	G	AG	+/-
rs1610696	HLA-G 9048C>G	G	CG	+/-
rs9348834	HLA-T 378C>T	T	CC	-/-
rs3823339	HLA-A 7727C>G	G	CC	-/-
rs3823342	HLA-A 7826T>C	C	TT	-/-
rs1061235	HLA-A 8057A>T	T	AA	-/-
rs2844766	HLA-L 1742685C>T	T	CC	-/-
rs2001181	HLA-C 7911A>G	C	TT	-/-
rs1058026	HLA-B 8305T>G	C	AA	-/-
rs3819299	HLA-B His363Pro	G	TT	-/-
rs3094228	HLA-X 441A>G	C	CC	+/+
rs9268644	HLA-DRA 4604A>C	A	AC	+/-
rs3135394	HLA-DRA 5055G>A	G	AA	-/-
rs9268645	HLA-DRA 5085C>G	G	CG	+/-
rs3129878	HLA-DRA 5293C>A	A	AA	+/+
rs3129881	HLA-DRA 6041T>C	T	CC	-/-
rs3129882	HLA-DRA 6087A>G	G	GG	+/+
rs6911777	HLA-DRA 6553T>C	C	TT	-/-
rs3129883	HLA-DRA 6694C>T	T	CT	+/-
rs9268658	HLA-DRA 7273G>A	A	AG	+/-
rs3135391	HLA-DRA 7544G>A	G	AG	+/-
rs8084	HLA-DRA 7592A>C	C	AC	+/-
rs2239806	HLA-DRA 7864T>C	T	CC	-/-
rs2239804	HLA-DRA 8080T>C	C	CT	+/-
rs11544315	HLA-DRA 8130C>T	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs7192	HLA-DRA Leu242Val	T	GT	+/-
rs3129888	HLA-DRA 8283A>G	G	AG	+/-
rs2239803	HLA-DRA 8390C>T	T	CT	+/-
rs2239802	HLA-DRA 8403G>C	C	CG	+/-
rs3177928	HLA-DRA 8958G>A	A	GG	-/-
rs7194	HLA-DRA 9003G>A	A	AG	+/-
rs1041885	HLA-DRA 9332A>T	A	TT	-/-
rs9268831	HLA-DRB9 7239C>T	T	CT	+/-
rs9268832	HLA-DRB9 7280T>C	C	CT	+/-
rs660895	HLA-DRB1 variant	G	AA	-/-
rs9272535	HLA-DQA1 6574G>A	A	AG	+/-
rs2858331	HLA 4126892A>G	G	AA	-/-
rs17500468	HLA-DQA2 4156973A>G	G	AA	-/-
rs2213568	HLA-DQA2 4157371A>C	A	AC	+/-
rs17500510	HLA-DQA2 4158614G>A	A	GG	-/-
rs2239800	HLA-DQA2 4159063A>G	G	AA	-/-
rs7453920	HLA-DQB2 4175809A>G	G	AG	+/-
rs2051549	HLA-DQB2 4175883G>A	G	AG	+/-
rs1573649	HLA-DQB2 Met1Thr	G	AG	+/-
rs11244	HLA-DOB 9102C>T	A	AG	+/-
rs2071479	HLA-DOB 8714G>A	T	CC	-/-
rs2856997	HLA-DOB 8050G>T	C	AC	+/-
rs2071474	HLA-DOB 7244G>A	T	CC	-/-
rs2071473	HLA-DOB 7221G>A	C	CT	+/-
rs7383287	HLA-DOB 6740T>C	G	AA	-/-
rs2621326	HLA-DOB 5930C>T	G	AG	+/-
rs2071554	HLA-DOB Arg18Gln	T	CT	+/-
rs2071469	HLA-DOB 5043G>A	C	CC	+/+
rs10751	HLA-DMB 4347001A>G	A	GG	-/-
rs23544	HLA-DMB 4348055C>T	T	CC	-/-
rs151719	HLA-DMB 4348318T>C	C	CT	+/-
rs3128935	HLA-DOA 9986A>G	T	TT	+/+
rs1044429	HLA-DOA 9748G>A	T	CT	+/-
rs376892	HLA-DOA 9503C>T	G	AG	+/-
rs416622	HLA-DOA 9109A>G	C	CT	+/-
rs9276977	HLA-DOA 8549C>T	A	GG	-/-
rs2581	HLA-DOA 7989C>A	T	GG	-/-
rs399604	HLA-DOA 7376A>G	C	TT	-/-
rs10947368	HLA-DOA 7049G>A	T	CC	-/-
rs2284191	HLA-DOA 5736C>T	A	GG	-/-
rs86567	HLA-DOA 5631C>A	G	TT	-/-
rs7905	HLA-DPA1 20581A>G	T	TT	+/+
rs3077	HLA-DPA1 20534T>C	A	AA	+/+
rs2301226	HLA-DPA1 18960C>T	A	GG	-/-
rs9277535	HLA-DPB1 16159A>G	G	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9277555	HLA-DPB1 16903G>A	G	AG	+/-

IgA

13 variants found 3 6 4

Risk Summary: 3 high risk variants, 6 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs6677604	CFH variant	A	GG	-/-
rs1990760	IFIH1 (HLA) variant	T	TT	+/+
rs9271366	HLA variant	G	AG	+/-
rs9275596	MTC03P1 variant	C	CC	+/+
rs9357155	PSMB8 / TAP1 / TAP2 variant	A	GG	-/-
rs4728142	IRF5 variant	A	GG	-/-
rs3761847	TRAF1 variant	G	GG	+/+
rs2229765	IGF1R variant	G	AG	+/-
rs516246	FUT2 11945C>T	T	CT	+/-
rs1800030	FUT2 Trp294Ter	A	GG	-/-
rs485186	FUT2 12979A>G	A	AG	+/-
rs603985	FUT2 13030T>C	T	CT	+/-
rs504963	FUT2 14638G>A	A	AG	+/-

IgE

11 variants found 4 3 4

Risk Summary: 4 high risk variants, 3 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2814778	DARC 5174T>C	C	TT	-/-
rs2494262	FCER1A / OR10J2P variant	A	AC	+/-
rs2427837	FCER1A variant	A	AG	+/-
rs2251746	FCER1A 159272060T>C	C	CT	+/-
rs2040704	RAD50 85562A>G	A	AA	+/+
rs2240032	RAD50 89512C>T	T	CC	-/-
rs1800925	IL-13 C1112T 3945C>T	C	CC	+/+
rs1295685	IL13 variant	A	GG	-/-
rs2569191	CD14 140634318C>T	C	TT	-/-
rs33977706	SOCS-1 -820G>T 11256298C>A	A	AA	+/+
rs366510	C3 variant	T	TT	+/+

IgG

2 variants found 1 1

Risk Summary: 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1801274	FCGR2A variant	A	GG	-/-
rs4792800	TNFRSF13B variant	G	AG	+/-

Covid

58 variants found 20 16 22

Risk Summary: 20 high risk variants, 16 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs689470	PTGS2/COX2 variant	A	GG	-/-
rs13306035	PTGS2/COX2 variant	G	AA	-/-
rs5276	PTGS2/COX2 variant	T	CC	-/-
rs2066826	PTGS2/COX2 variant	T	CC	-/-
rs5277	PTGS2/COX2 variant	G	CC	-/-
rs20417	PTGS2/COX2 variant	C	CC	+/+
rs20415	PTGS2/COX2 variant	T	CC	-/-
rs2027432	NLRP3 variant	G	GG	+/+
rs12048215	NLRP3 variant	A	AG	+/-
rs3806265	NLRP3 variant	T	CC	-/-
rs28937896	NLRP3 variant	T	TT	+/+
rs4612666	NLRP3 variant	C	TT	-/-
rs10754557	NLRP3 variant	G	AG	+/-
rs1539019	NLRP3 variant	C	AC	+/-
rs10157379	NLRP3 variant	T	CT	+/-
rs10754558	NLRP3 variant	C	GG	-/-
rs1143643	IL1B variant	T	TT	+/+
rs1143642	IL1B variant	G	GG	+/+
rs1143634	IL1B variant	G	GG	+/+
rs3136558	IL1B variant	A	AG	+/-
rs3917356	IL1B variant	T	TT	+/+
rs1143629	IL1B variant	G	AA	-/-
rs1143627	IL1B variant	G	AA	-/-
rs3087258	IL1B variant	G	GG	+/+
rs2536512	SOD3 A	G	AA	-/-
rs1799895	SOD3 R231G	G	CC	-/-
rs2069827	IL6 variant	T	GT	+/-
rs1800797	IL6 variant	G	AG	+/-
rs1800796	IL6 variant	G	GG	+/+
rs7802307	IL6 variant	T	AT	+/-
rs13447446	IL6 variant	G	GG	+/+
rs2069830	IL6 variant	C	CC	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1524107	IL6 variant	T	CC	-/-
rs2066992	IL6 variant	T	GG	-/-
rs2069840	IL6 variant	C	CG	+/-
rs2069849	IL6 variant	C	CC	+/+
rs2069861	IL6 variant	C	CC	+/+
rs4496877	NOS3 variant	T	GT	+/-
rs3918226	NOS3 variant	T	CC	-/-
rs2853792	NOS3 variant	G	AG	+/-
rs3918227	NOS3 variant	C	CC	+/+
rs2853796	NOS3 variant	G	GT	+/-
rs743507	NOS3 variant	C	TT	-/-
rs580253	CASP1 variant	G	AG	+/-
rs1360485	HMGB1 variant	T	TT	+/+
rs1412125	HMGB1 variant	T	CT	+/-
rs4145277	HMGB1 variant	T	TT	+/+
rs4932178	FURIN variant	C	CC	+/+
rs17514846	FURIN variant	C	CC	+/+
rs4702	FURIN variant	G	GG	+/+
rs11538758	PRNP V210I	A	CC	-/-
rs1799990	PRNP M129V	G	GG	+/+
rs16990018	PRNP N171S	G	AA	-/-
rs28933385	PRNP E200K	A	GG	-/-
rs12626750	IFNAR1 variant	G	CC	-/-
rs2070788	TMPRSS2 variant	A	AG	+/-
rs12329760	TMPRSS2 variant	T	CC	-/-
rs2048683	ACE2 variant	G	GT	+/-

Iron Uptake & Transport

40 variants found 7 13 20

Risk Summary: 7 high risk variants, 13 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2266917	ATP6V1B1 11708C>T	T	CT	+/-
rs2239484	ATP6V1B1 15411A>G	A	AA	+/+
rs838102	STEAP3 8350G>A	A	AA	+/+
rs708672	STEAP3 10971G>T	G	TT	-/-
rs960748	CYBRD1 171523426G>A	A	AG	+/-
rs13009270	CYBRD1 171546027C>A	A	CC	-/-
rs17554	CYBRD1 171546859G>A	A	GG	-/-
rs10455	CYBRD1 Ser208Asn	G	AG	+/-
rs4667287	SLC40A1 190431875C>A	C	AA	-/-
rs1123109	SLC40A1 190444392T>C	C	TT	-/-
rs4428180	TF 6398A>G	G	AG	+/-
rs12493168	TF 6612A>G	G	AA	-/-
rs8177190	TF 7720C>T	T	CT	+/-
rs1799899	TF Gly277Ser	A	GG	-/-
rs3811647	TF 24053G>A	A	AG	+/-
rs1358024	TF 24212C>T	T	CC	-/-
rs2692695	TF 25478A>G	A	AG	+/-
rs1049296	TF Pro589Ser	T	CC	-/-
rs1115219	TF 35041T>C	C	TT	-/-
rs13072552	CP 148913126G>T	T	GT	+/-
rs406271	TFRC 195776976T>C	T	TT	+/+
rs3817672	TFRC Gly142Ser	T	CT	+/-
rs2231164	ABCG2 89015857C>T	T	TT	+/+
rs2622621	ABCG2 126555G>C	G	CC	-/-
rs2231142	ABCG2 Gln141Lys	T	GG	-/-
rs72552713	ABCG2 Gln126Ter	A	GG	-/-
rs4148155	ABCG2 89054667A>G	G	AA	-/-
rs2622604	ABCG2 89078924T>C	T	CT	+/-
rs1799945	HFE H63D	G	CC	-/-
rs1800562	HFE C282Y	A	GG	-/-
rs149411	SLC11A2 51380232A>G	G	AG	+/-
rs2160567	HMOX2 187879C>T	T	TT	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs235756	BMP2 C282Y	G	AG	+/-
rs2071748	HMOX1 5559G>A	A	GG	-/-
rs2071749	HMOX1 11354A>G	A	AA	+/+
rs11912889	HMOX1 11558G>A	A	GG	-/-
rs5755720	HMOX1 14814A>G	A	AA	+/+
rs1028348	HEPH 6731C>T	T	CC	-/-
rs17216603	HEPH Ala598Thr	A	GG	-/-
rs1264216	HEPH 57825T>G	G	GT	+/-

This report is intended to translate your results into an easier to understand form. It is not intended to diagnose or treat. For diagnosis or treatment, please present this to your doctor (or find a doctor on MTHFRSupportTM website under Find a Practitioner. Additionally, genetic mutations are flags that something ****could**** be wrong and not a guarantee that you are having all or any of the associated issues. Other factors like environment, ethnic background, diet, age, personal history, etc all have a factor in whether a mutation starts to present itself or not and when. Copyright all rights reserved MTHFR SupportTM

Liver Detox - Phase I

92 variants found 8 10 74

(See Figure 1)

Risk Summary: 8 high risk variants, 10 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9333025	CYP4A11 G921A	T	CC	-/-
rs9341266	CYP1B1 C1871T	A	AG	+/-
rs1800440	CYP1B1 N453S	T	CT	+/-
rs1056836	CYP1B1 L432V	C	GG	-/-
rs9282671	CYP1B1 T241A	A	AA	+/+
rs72549389	CYP1B1 T5795C	G	AA	-/-
rs2855262	SOD3 489 C>T	C	CC	+/+
rs662	PON1 Q192R	T	CC	-/-
rs28365083	CYP3A5*2 C2899A	T	GG	-/-
rs28383479	CYP3A5*9 G1009A	T	CC	-/-
rs10264272	CYP3A5*6 G624A	T	CC	-/-
rs776746	CYP3A5*3 G237A	A	CC	-/-
rs4986910	CYP3A4*3 M445T	G	AA	-/-
rs4646440	CYP3A4 C608T	A	GG	-/-
rs28371759	CYP3A4*18 L293P	G	AA	-/-
rs4646437	CYP3A4 C202T	A	AG	+/-
rs2246709	CYP3A4 T258C	G	AA	-/-
rs55785340	CYP3A4*2 S222P	G	AA	-/-
rs55901263	CYP3A4*5 P218R	C	GG	-/-
rs12721627	CYP3A4*16 T185S	G	GG	+/+
rs55951658	CYP3A4*4 I118V	C	TT	-/-
rs3091339	CYP3A4*_11460A>G(K96E) K96E	C	TT	-/-
rs2740574	CYP3A4*1B A392G	C	TT	-/-
rs3814637	CYP2C19 C1418T	T	CC	-/-
rs12248560	CYP2C19*17 C806T	T	CT	+/-
rs4986894	CYP2C19 T98C	T	TT	+/+
rs28399504	CYP2C19*4 A5001G	G	AA	-/-
rs17878459	CYP2C19*2B G276A	C	GG	-/-
rs41291556	CYP2C19*8 T358C	C	TT	-/-
rs72552267	CYP2C19*6 G395A	A	GG	-/-
rs17884712	CYP2C19*9 G17784A	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4986893	CYP2C19*3 G636A	A	GG	-/-
rs4244285	CYP2C19*2 G681A	A	GG	-/-
rs72558186	CYP2C19*7 T24294A	A	TT	-/-
rs12767583	CYP2C19 C5709T	T	CC	-/-
rs3758581	CYP2C19_80161G>A(V331I) V331I	A	GG	-/-
rs4917623	CYP2C19 T106C	C	CT	+/-
rs4918758	CYP2C9 T1188C	C	TT	-/-
rs1799853	CYP2C9*2 430C>T	T	CC	-/-
rs7900194	CYP2C9*8 449G>A	A	GG	-/-
rs12572351	CYP2C9 G9806A	A	GG	-/-
rs4086116	CYP2C9 C334T	T	CC	-/-
rs2256871	CYP2C9*9 752A>G	G	AA	-/-
rs9332146	CYP2C9 G9617A	A	GG	-/-
rs4917639	CYP2C9 A6326C	C	AA	-/-
rs10509680	CYP2C9 G2337T	T	GG	-/-
rs28371685	CYP2C9*11 1003C>T	T	CC	-/-
rs1057909	CYP2C9 42612A>G	G	AA	-/-
rs1057910	CYP2C9*3 1075A>C	C	AA	-/-
rs1934967	CYP2C9 T2674C	T	CT	+/-
rs1057911	CYP2C9 50298A>T	T	AA	-/-
rs9332239	CYP2C9*12 1465C>T	T	CC	-/-
rs3813865	CYP2E1 G3378C	C	GG	-/-
rs2031920	CYP2E1_-1055C>T G1055T	T	CC	-/-
rs2070672	CYP2E1*7_-352A>G A352G	G	AA	-/-
rs2070673	CYP2E1*7_-333T>A T333A	A	TT	-/-
rs6413420	CYP2E1*7_-71G>T G71T	T	GG	-/-
rs8192772	CYP2E1 T8845C	C	TT	-/-
rs6413419	CYP2E1*4 A4768G	A	GG	-/-
rs2480256	CYP2E1 A46G	A	GG	-/-
rs1048943	CYP1A1*2C A4889G	T	TT	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-
rs762551	CYP1A2*1F C164A	C	CC	+/+
rs56276455	CYP1A2*3 D348N	A	GG	-/-
rs2472304	CYP1A2*1F variant	A	GG	-/-
rs28399424	CYP1A2*6 R431W	T	CC	-/-
rs2470890	CYP1A2 1545T>C	C	CC	+/+
rs1801272	CYP2A6*2 A1799T	T	AA	-/-
rs8192709	CYP2B6 R22C	T	CT	+/-
rs35303484	CYP2B6 A136G	G	AA	-/-
rs3745274	CYP2B6 Q172H	T	GG	-/-
rs36079186	CYP2B6 T20715C	C	TT	-/-
rs2279343	CYP2B6 L262A	G	AA	-/-
rs2279345	CYP2B6 T23499C	T	CT	+/-
rs28399499	CYP2B6 I328T	C	TT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs34097093	CYP2B6 C1132T	T	CC	-/-
rs8192719	CYP2B6 C26570T	T	CC	-/-
rs7260329	CYP2B6 G29435A	G	GG	+/+
rs1042389	CYP2B6 T1421C	C	CT	+/-
rs1135840	CYP2D6*2 S486T	C	CG	+/-
rs59421388	CYP2D6 V287M	T	CC	-/-
rs28371725	CYP2D6*41 2988G>A	T	CC	-/-
rs5030867	CYP2D6*7 2935A>C	G	TT	-/-
rs16947	CYP2D6 C2850T	A	GG	-/-
rs28371722	CYP2D6 G7754A	T	CC	-/-
rs61736512	CYP2D6 G1659A	T	CC	-/-
rs1081003	CYP2D6 C336T	A	GG	-/-
rs28371706	CYP2D6*17 T107I	A	GG	-/-
rs5030862	CYP2D6*12 124G>A	T	CC	-/-
rs1065852	CYP2D6 T100C	T	AG	-/-
rs1080983	CYP2D6 A1775G	T	CC	-/-

Liver Detox - Phase II

221 variants found 49 49 123

(See Figure 1)

Risk Summary: 49 high risk variants, 49 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4846048	MTHFR C24909T	G	AG	+/-
rs4846049	MTHFR A*372C	G	GT	+/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CT	+/-
rs1801131	MTHFR A1298C	G	GT	+/-
rs12121543	MTHFR G16490T	A	CC	-/-
rs1801133	MTHFR C677T	A	GG	-/-
rs17037390	MTHFR C10318T	G	GG	+/+
rs17037396	MTHFR C841T	T	CC	-/-
rs17367504	MTHFR A1572G	G	AA	-/-
rs2066470	MTHFR 03 P39P	A	GG	-/-
rs13306561	MTHFR A4598G	A	AA	+/+
rs13306560	MTHFR C-137T	T	CC	-/-
rs3737964	MTHFR A4117C	T	CT	+/-
rs12068997	GSTM1 5419C>T	T	CC	-/-
rs4147565	GSTM1 6360G>A	A	AG	+/-
rs4147567	GSTM1 7107A>G	G	AA	-/-
rs4147568	GSTM1 7175T>A	A	TT	-/-
rs1056806	GSTM1 7730C>T	T	CC	-/-
rs12562055	GSTM1 8048T>A	A	TT	-/-
rs2239892	GSTM1 8869A>G	G	AA	-/-
rs7483	GSTM3 V224I	T	CT	+/-
rs699	AGT M235T/C4072T	A	AA	+/+
rs823162	DISC1 C14853T	C	TT	-/-
rs3738401	DISC1 R264Q	A	GG	-/-
rs4353135	NLRP3 247617036G>T	T	TT	+/+
rs6672995	NLRP3 247621033G>A	A	AG	+/-
rs10733113	NLRP3 247622357A>G	G	AG	+/-
rs10174540	SPR 7413A>G	A	GG	-/-
rs6430764	HNMT C3616T	T	TT	+/+
rs17583889	HNMT C29232A	A	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1378321	HNMT A47507G	A	AA	+/+
rs1050891	HNMT T939C	G	AA	-/-
rs12185692	GAD1 (GAD) C2627A	A	AA	+/+
rs3791878	GAD1 (GAD) G3992T	g	GG	+/+
rs3749034	GAD1 (GAD) G5276A	A	GG	-/-
rs2241165	GAD1 (GAD) C10180T	T	TT	+/+
rs3828275	GAD1 (GAD) C14541T	T	TT	+/+
rs2241164	GAD1 (GAD) C18360T	C	TT	-/-
rs2058725	GAD1 (GAD) T21922C	C	TT	-/-
rs769407	GAD1 (GAD) G25509C	C	GG	-/-
rs3791851	GAD1 (GAD) T30473C	C	TT	-/-
rs701492	GAD1 (GAD) C34281T	C	CC	+/+
rs3791850	GAD1 (GAD) G39901A	G	GG	+/+
rs769395	GAD1 (GAD) A48604A	A	AA	+/+
rs887829	UGT1A1 C175181T	T	CT	+/-
rs34547608	UGT1A1 T175439C	C	TT	-/-
rs4148323	UGT1A1 G211A	A	GG	-/-
rs72551341	UGT1A1 L175G	A	TT	-/-
rs6742078	UGT1A1 G179250T	T	GT	+/-
rs4148325	UGT1A1 C179920T	T	CT	+/-
rs62625011	UGT1A1 G182349A	A	GG	-/-
rs72551348	UGT1A1 G328A	G	AA	-/-
rs72551351	UGT1A1 G354A	G	AA	-/-
rs6717546	UGT1A1 A188730G	G	AA	-/-
rs347591	HRH1 G11290122T	G	GG	+/+
rs901865	HRH1 T-17C	T	TT	+/+
rs2067466	HRH1 G57C	C	GG	-/-
rs7651620	HRH1 G809A	A	GG	-/-
rs346070	HRH1 T*1687C	T	TT	+/+
rs1464566	AMT A5736G	C	CT	+/-
rs2280673	RAB6B C282Y	C	CC	+/+
rs4961	ADD1 G460W	T	TT	+/+
rs4148301	UGT2A2, UGT2A1 G308R	T	CC	-/-
rs1347046	UGT2A1 R75K	C	TT	-/-
rs27072	SLC6A3 G56022A	T	CC	-/-
rs1042098	SLC6A3 T55729C	A	AG	+/-
rs40184	SLC6A3 G55467A	C	CC	+/+
rs11564771	SLC6A3 C51747T	A	GG	-/-
rs11133767	SLC6A3 G48964A	C	CC	+/+
rs6347	SLC6A3 A39132G	T	TT	+/+
rs27048	SLC6A3 G37899A	T	CT	+/-
rs464049	SLC6A3 T26639C	A	AA	+/+
rs460000	SLC6A3 C17719T	T	GG	-/-
rs403636	SLC6A3 T12190G	A	CC	-/-
rs2617605	SLC6A3 A8023G	C	TT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs6350	SLC6A3 C7345T	A	GG	-/-
rs8177412	GPX3 129T>C	T	CT	+/-
rs2619522	DTNBP1 T14623G	A	AC	+/-
rs1018381	DTNBP1 C11202T	A	GG	-/-
rs2794719	HFE 6382T>G	T	TT	+/+
rs9366637	HFE 6590C>T	T	CC	-/-
rs1799945	HFE H63D	G	CC	-/-
rs2071303	HFE 8828T>C	C	CC	+/+
rs1800562	HFE C282Y	A	GG	-/-
rs1800708	HFE 10795T>C	T	CT	+/-
rs2071302	HFE 11622T>C	T	TT	+/+
rs1049742	ABP1/DAO S332P	T	CC	-/-
rs4986782	NAT1 R187Q	A	GG	-/-
rs1805158	NAT2 R64W	T	CC	-/-
rs1801279	NAT2 G191A	A	GG	-/-
rs1041983	NAT2 C282T	T	TT	+/+
rs1801280	NAT2 I114T	C	TT	-/-
rs1799929	NAT2 C481T	T	CC	-/-
rs1799930	NAT2 R197Q	A	AG	+/-
rs1208	NAT2 K268R	G	AA	-/-
rs1799931	NAT2 G286E	A	AG	+/-
rs3594	GSR G*1377T	A	CC	-/-
rs2551715	GSR A43851G	C	CT	+/-
rs6994992	NRG1 C3314T	T	CC	-/-
rs35099072	IDO1 G344A	A	GG	-/-
rs7820268	IDO1 C6202T	T	TT	+/+
rs1031552	GGH C23421T	A	GG	-/-
rs11545078	GGH C17847T	A	GG	-/-
rs3780127	GGH C15472T	A	GG	-/-
rs4617146	GGH G13894A	T	CC	-/-
rs11786893	GGH G174A	T	CC	-/-
rs3780126	GGH C6699T	A	AG	+/-
rs11545077	GGH G91A	T	CC	-/-
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+
rs1538311	ADK G509567T	T	GT	+/-
rs946185	ADK A517797G	G	AG	+/-
rs1049982	CAT T5070C	T	CC	-/-
rs10836235	CAT C5233T	T	CC	-/-
rs11604331	CAT A5298G	G	GG	+/+
rs12272630	CAT G6194C	C	GG	-/-
rs480575	CAT A12175G	G	AA	-/-
rs11032703	CAT C14185T	T	CC	-/-
rs2300181	CAT C21068T	T	CC	-/-
rs2284365	CAT T29502C	C	TT	-/-
rs2420388	CAT G35066A	G	GG	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs7947841	CAT G36209A	A	GG	-/-
rs499406	CAT T36470C	T	TT	+/+
rs17880442	CAT C1476T	T	CC	-/-
rs1695	GSTP1 I105V	A	AA	+/+
rs1138272	GSTP1 A114V	T	CC	-/-
rs3741049	ACAT1 G22670A	A	AG	+/-
rs4520	APOC3 G34G	T	TT	+/+
rs5128	APOC3 3u386	G	CC	-/-
rs1544410	VDR VDR:BsmI	T	CC	-/-
rs2070586	DAO G8864A	G	GG	+/+
rs2070587	DAO T887G	G	TT	-/-
rs2111902	DAO T9891G	T	TT	+/+
rs3741775	DAO A14747C	A	CC	-/-
rs3918347	DAO A24464G	G	AA	-/-
rs11067231	MMAB G2143T	C	AC	+/-
rs7134594	MMAB G16110A	C	CT	+/-
rs11836136	MMAB A13G	G	AG	+/-
rs12314392	MMAB/MVK A-818G	A	AG	+/-
rs7997012	HTR2A T64185C	A	AG	+/-
rs2073440	HDC A1932C	G	TT	-/-
rs16963486	HDC T1657C	G	AA	-/-
rs854158	HDC T10086C	G	AA	-/-
rs17740607	HDC C92T	A	AA	+/+
rs17221417	NOD2 13533C>G	G	CC	-/-
rs2066843	NOD2 19150C>T	T	CC	-/-
rs2066844	NOD2 Arg675Trp	T	CC	-/-
rs2066845	NOD2 Gly881Arg	C	GG	-/-
rs5743289	NOD2 30725C>T	T	CC	-/-
rs168924	SLC6A2 A5003G	G	AA	-/-

Liver Detox - Phase II (continued)

(See Figure 1)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2242446	SLC6A2 C5884T	T	TT	+/+
rs3785143	SLC6A2 C10565T	T	CC	-/-
rs1532701	SLC6A2 G13486A	G	AA	-/-
rs36020	SLC6A2 C28547T	T	CC	-/-
rs3785152	SLC6A2 T32009C	T	CC	-/-
rs40147	SLC6A2 G32299A	G	GG	+/+
rs10521329	SLC6A2 C35917A	A	CC	-/-
rs4564560	SLC6A2 A40223G	G	AG	+/-
rs11568324	SLC6A2 C41517T	T	CC	-/-
rs3785157	SLC6A2 C45295T	T	CT	+/-
rs5568	SLC6A2 A45583C	C	AA	-/-
rs1566652	SLC6A2 G47034T	T	GG	-/-
rs998424	SLC6A2 G47405A	G	AG	+/-
rs36009	SLC6A2 C48079T	T	CT	+/-
rs5558	SLC6A2 T49018G	G	TT	-/-
rs1800887	SLC6A2 T49048C	T	TT	+/+
rs2242447	SLC6A2 C51371T	T	CT	+/-
rs10517	NQO1 C494+	A	GG	-/-
rs1800566	NQO1 C609T	A	AA	+/+
rs34755915	NQO1 G13528A	T	CC	-/-
rs689453	NQO1 G13161A	T	CC	-/-
rs689452	NQO1 G13070C	C	GG	-/-
rs1437135	NQO1 T7706C	G	GG	+/+
rs2917669	NQO1 T6314C	A	GG	-/-
rs8177876	GCSH F53F	G	GG	+/+
rs12150220	NLRP1 7466T>A	T	AT	+/-
rs2759	MPO A15191G	C	TT	-/-
rs2071409	MPO A15067C	T	TT	+/+
rs28730837	MPO C7900T	A	GG	-/-
rs7208693	MPO G5479T	A	CC	-/-
rs4343	ACE G2328A	G	AA	-/-
rs16940765	HRH4 T3537649C	C	TT	-/-
rs11662595	HRH4 A617G	G	AA	-/-
rs1421125	HRH4 G*385T	T	GT	+/-
rs4800573	HRH4 G*2144A	A	GG	-/-
rs296366	SULT2A1 A20117G	C	TT	-/-
rs296365	SULT2A1 G20104C	G	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11569679	SULT2A1 G781A	T	CC	-/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs8113396	SULT2A1 T15557C	G	AA	-/-
rs2547242	SULT2A1 A15550G	C	TT	-/-
rs2910393	SULT2A1 A13527G	T	TT	+/+
rs4149449	SULT2A1 G9696A	T	CT	+/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs4149448	SULT2A1 T8298C	G	AG	+/-
rs492602	FUT2 A12190G	G	AG	+/-
rs281377	FUT2 C12376T	T	CT	+/-
rs1047781	FUT2 A12404T	T	AA	-/-
rs601338	FUT2 G12447A	A	AG	+/-
rs602662	FUT2 G12758A	A	AG	+/-
rs235756	BMP2 C282Y	G	AG	+/-
rs244076	ADA A534G	C	TT	-/-
rs11555566	ADA A239G	C	TT	-/-
rs447833	ADA G22021A	T	CT	+/-
rs452159	ADA C14275A	T	TT	+/+
rs6031692	ADA C10783T	A	GG	-/-
rs73598374	ADA G22A	T	CC	-/-
rs4817579	GART A9979G	T	CC	-/-
rs2020917	COMT/TXNRD2 C4622T	T	CT	+/-
rs737866	COMT/TXNRD2 A4251G	C	CT	+/-
rs737865	COMT/TXNRD2 T4239C	G	AG	+/-
rs5760485	GGT1 T11756C	T	TT	+/+
rs4820599	GGT1/FAM211B A15496G	G	AA	-/-
rs6519519	GGT1 C17146T	T	CC	-/-
rs5751901	GGT1 T17549C	T	TT	+/+
rs1050757	G6PD A*357G	T	TT	+/+
rs72554664	G6PD R493H	T	CC	-/-
rs2230037	G6PD T438T	G	GG	+/+
rs5030868	G6PD S219F	A	GG	-/-
rs1050829	G6PD N156D	C	TT	-/-
rs1050828	G6PD V98M	T	CC	-/-

Methylation & Methionine/Homocysteine Pathways

139 variants found 21 46 72
(See Figure 2)

Risk Summary: 21 high risk variants, 46 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4846048	MTHFR C24909T	G	AG	+/-
rs4846049	MTHFR A*372C	G	GT	+/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CT	+/-
rs1801131	MTHFR A1298C	G	GT	+/-
rs12121543	MTHFR G16490T	A	CC	-/-
rs1801133	MTHFR C677T	A	GG	-/-
rs17037390	MTHFR C10318T	G	GG	+/+
rs17037396	MTHFR C841T	T	CC	-/-
rs17367504	MTHFR A1572G	G	AA	-/-
rs2066470	MTHFR 03 P39P	A	GG	-/-
rs13306561	MTHFR A4598G	A	AA	+/+
rs13306560	MTHFR C-137T	T	CC	-/-
rs3737964	MTHFR A4117C	T	CT	+/-
rs10889869	CTH G6010A	A	GG	-/-
rs681475	CTH T8763C	C	CC	+/+
rs1145920	CTH A11886G	A	GG	-/-
rs12723350	CTH T16147C	C	TT	-/-
rs663649	CTH G25229T	T	GT	+/-
rs515064	CTH A32114G	G	AG	+/-
rs1021737	CTH S4031I	T	GT	+/-
rs10925235	MTR T9195C	T	CC	-/-
rs12749581	MTR G155A	A	GG	-/-
rs7526063	MTR C18418T	T	CC	-/-
rs12060264	MTR G34783A	A	GG	-/-
rs12060570	MTR G35489C	G	GG	+/+
rs2789352	MTR A50417C	A	CC	-/-
rs2275568	MTR C62048T	T	CC	-/-
rs10925250	MTR A68550G	G	GG	+/+
rs3768142	MTR G74984T	T	TT	+/+
rs4659736	MTR G81204T	T	TT	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1770449	MTR T84581C	C	TT	-/-
rs10925257	MTR A92580G	G	GG	+/+
rs1805087	MTR A2756G	G	GG	+/+
rs2275566	MTR G94982A	G	AA	-/-
rs2275565	MTR G95096T	T	TT	+/+
rs3820571	MTR G106853T	G	TT	-/-
rs2853522	MTR A*112C	A	CC	-/-
rs11799670	MTR A*153G	G	AA	-/-
rs2853523	MTR A*1254C	A	CC	-/-
rs1050993	MTR A*1361G	A	GG	-/-
rs1667627	MTHFD2 C8503T	C	CT	+/-
rs2028900	MAT2A C6635T	C	CT	+/-
rs1799807	BCHE A98G	T	TT	+/+
rs1801394	MTRR A66G	G	GG	+/+
rs326120	MTRR G10631A	G	AA	-/-
rs326121	MTRR T12072C	C	TT	-/-
rs3776467	MTRR G12099A	G	AA	-/-
rs1532268	MTRR C524T	T	CT	+/-
rs7703033	MTRR G15734A	A	AG	+/-
rs162031	MTRR T16071C	T	CC	-/-
rs10064631	MTRR C1078G	G	CC	-/-
rs162036	MTRR K350A	G	AA	-/-
rs3815743	MTRR A22893G	G	AA	-/-
rs2287779	MTRR G1155A	A	GG	-/-
rs2287780	MTRR R415T	T	CC	-/-
rs162049	MTRR G28905A	G	AA	-/-
rs3776455	MTRR C32295T	T	CT	+/-
rs10380	MTRR H595Y	T	CC	-/-
rs1802059	MTRR -11 A664A	A	AG	+/-
rs9332	MTRR G*541A	A	GG	-/-
rs8659	MTRR T*662A	A	AT	+/-
rs10520873	MTRR T*1059C	C	TT	-/-
rs479405	DMGDH G67591T	C	AC	+/-
rs402701	DMGDH T39928C	G	GG	+/+
rs532964	DMGDH T835C	A	AA	+/+
rs2253262	DMGDH T372G	A	AC	+/-
rs16876512	BHMT C-448T	T	CT	+/-
rs651852	BHMT-08 C6457T	T	CC	-/-
rs6875201	BHMT A7961G	G	AG	+/-
rs567754	BHMT-02 C13813T	T	CC	-/-
rs3733890	BHMT R239Q	A	GG	-/-
rs617219	BHMT-04 A26991C	C	AA	-/-
rs7387	DHFR A*115T	T	TT	+/+
rs1650697	DHFR/MSH T-473A	A	AG	+/-
rs6882306	MAT2B C7745233T	C	TT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4869089	MAT2B A7755681G	G	AA	-/-
rs3800292	GNMT T21673C	G	AA	-/-
rs6458687	MUT A2011G	T	CC	-/-
rs6458690	MUT T24234C	G	AA	-/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TT	-/-
rs803422	MTHFD1L A33780G	A	AG	+/-
rs6922269	MTHFD1L G71171A	A	GG	-/-
rs1800783	NOS3 A6251T	T	AT	+/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs2070744	NOS3 T786C	T	CT	+/-
rs3918188	NOS3 C19635T	A	AC	+/-
rs7830	NOS3 G10T	T	GT	+/-
rs1985908	MAT1A T*1297C	G	AG	+/-
rs2993763	MAT1A C1131T	A	GG	-/-
rs10788546	MAT1A A19581G	T	CT	+/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs4934028	MAT1A C15656T	A	GG	-/-
rs526934	TCN1 G4939288A	A	AA	+/+
rs7925545	FOLR3 A3771G	G	AA	-/-
rs7926875	FOLR3 C7672A	C	CC	+/+
rs2071010	FOLR1 G-20A	A	GG	-/-
rs651933	FOLR2 G-1316A	G	GG	+/+
rs2272306	CSAD C25411T	A	GG	-/-
rs1006959	CSAD C13258T	A	GG	-/-
rs2293054	NOS1 T2202C	A	GG	-/-
rs3782206	NOS1 G59494A	T	CC	-/-
rs7298903	NOS1 A57373G	C	TT	-/-
rs1076991	MTHFD1 C105T	C	CC	+/+
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	CT	+/-
rs7946	PEMT G634A	T	CT	+/-
rs4646406	PEMT T17020543A	T	AA	-/-
rs4244593	PEMT T17023592G	T	GG	-/-
rs1979277	SHMT1 C1420T	G	AG	+/-
rs9909104	SHMT1 A23836G	T	CT	+/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547566	ALDH3A2 C13996T	T	CC	-/-
rs1800869	ALDH3A2 C17571G	G	CC	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs8069576	ALDH3A2 A23257G	A	AG	+/-
rs2297518	NOS2 C1823T	A	AG	+/-
rs2274894	NOS2 T836165G	T	GT	+/-
rs2248814	NOS2 T32235C	A	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs502396	TYMS C6633T	C	CT	+/-
rs17851582	GAMT C9110T	G	GG	+/+
rs55776826	GAMT G7497A	T	CT	+/-
rs819147	AHCY-01 G14905A	C	TT	-/-
rs2236270	GSS C25447A	T	GT	+/-
rs2273684	GSS A18836C	T	GT	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	C	AC	+/-
rs6088659	GSS A5997G	T	CC	-/-
rs706209	CBS C*351T	A	AG	+/-
rs706208	CBS T*330C	A	AG	+/-
rs12613	CBS G*299A	T	CC	-/-
rs1801181	CBS A360A	A	AG	+/-
rs4920037	CBS C19150T	A	GG	-/-
rs234706	CBS C699T	A	GG	-/-
rs2851391	CBS A13637G	T	CT	+/-
rs9606756	TCN2 A8700G	G	AA	-/-
rs1801198	TCN2 C766G	G	CC	-/-

Mitochondrial Function

49 variants found 8 18 23
 (See Figure 12)

Risk Summary: 8 high risk variants, 18 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2028900	MAT2A C6635T	C	CT	+/-
rs36089250	ATP5g3 variant	C	TT	-/-
rs1801394	MTRR A66G	G	GG	+/+
rs326120	MTRR G10631A	G	AA	-/-
rs326121	MTRR T12072C	C	TT	-/-
rs3776467	MTRR G12099A	G	AA	-/-
rs1532268	MTRR C524T	T	CT	+/-
rs7703033	MTRR G15734A	A	AG	+/-
rs162031	MTRR T16071C	T	CC	-/-
rs10064631	MTRR C1078G	G	CC	-/-
rs162036	MTRR K350A	G	AA	-/-
rs3815743	MTRR A22893G	G	AA	-/-
rs2287779	MTRR G1155A	A	GG	-/-
rs2287780	MTRR R415T	T	CC	-/-
rs162049	MTRR G28905A	G	AA	-/-
rs3776455	MTRR C32295T	T	CT	+/-
rs10380	MTRR H595Y	T	CC	-/-
rs1802059	MTRR -11 A664A	A	AG	+/-
rs9332	MTRR G*541A	A	GG	-/-
rs8659	MTRR T*662A	A	AT	+/-
rs10520873	MTRR T*1059C	C	TT	-/-
rs6882306	MAT2B C7745233T	C	TT	-/-
rs4869089	MAT2B A7755681G	G	AA	-/-
rs2758331	SOD2 406+816G>T	A	CC	-/-
rs4880	SOD2 V16A	A	AA	+/+
rs12544943	COX6C variant	G	AG	+/-
rs4518636	COX6C variant	T	CT	+/-
rs1244422	ATP5c1 variant	C	CT	+/-
rs4655	ATP5c1 variant	C	CT	+/-
rs1985908	MAT1A T*1297C	G	AG	+/-
rs2993763	MAT1A C1131T	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10788546	MAT1A A19581G	T	CT	+/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs4934028	MAT1A C15656T	A	GG	-/-
rs4147730	NDUFS3 variant	A	AG	+/-
rs4147776	NDUFS8 variant	C	AA	-/-
rs2075626	NDUFS8 variant	T	CT	+/-
rs3115546	NDUFS8 variant	T	TT	+/+
rs1051806	NDUFS8 variant	T	CT	+/-
rs8042694	COX5A variant	G	GG	+/+
rs6497563	UQCRC2 variant	T	TT	+/+
rs4850	UQCRC2 variant	A	AG	+/-
rs11648723	UQCRC2 variant	T	GT	+/-
rs12922362	UQCRC2 variant	A	CC	-/-
rs2965803	UQCRC2 variant	T	CC	-/-
rs2332496	NDUFS7 variant	A	AG	+/-
rs1142530	NDUFS7 variant	T	TT	+/+
rs7258846	NDUFS7 variant	T	TT	+/+
rs11666067	NDUFS7 variant	A	AA	+/+

Molybdenum

48 variants found 5 11 32

Risk Summary: 5 high risk variants, 11 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs291593	DPYD 97543752G>A	A	GG	-/-
rs291592	DPYD 97543764C>T	T	CC	-/-
rs1801268	DPYD Val995Phe	A	CC	-/-
rs67376798	DPYD Asp949Val	A	TT	-/-
rs1399291	DPYD 97576922C>T	T	CC	-/-
rs828054	DPYD 97610026G>T	G	GT	+/-
rs11587873	DPYD 97653070C>T	T	CT	+/-
rs12137711	DPYD 97700589C>T	T	CT	+/-
rs1801160	DPYD Val732Ile	T	CC	-/-
rs7548189	DPYD 97867713C>A	C	AC	+/-
rs3918290	DPYD 97915614C>T	T	CC	-/-
rs17376848	DPYD 97915624A>G	G	AA	-/-
rs55886062	DPYD Ile560Asn	C	AA	-/-
rs1801159	DPYD Ile543Val	C	TT	-/-
rs1801158	DPYD Ser534Asn	T	CC	-/-
rs45589337	DPYD Lys259Glu	C	TT	-/-
rs1801266	DPYD Arg235Trp	A	GG	-/-
rs1801265	DPYD Cys29Arg	A	AA	+/+
rs207440	XDH 31562412C>T	T	CC	-/-
rs207444	XDH 31563797A>G	A	GG	-/-
rs1884725	XDH 31571786A>G	A	GG	-/-
rs7574920	XDH 56963C>G	C	CC	+/+
rs1429376	XDH 31588561A>C	A	CC	-/-
rs17011368	XDH Ile703Val	C	TT	-/-
rs17323225	XDH Ile646Val	C	TT	-/-
rs4407290	XDH 31606670G>A	A	GG	-/-
rs185925	XDH 31609993G>A	G	GG	+/+
rs2073316	XDH 31611029G>A	A	GG	-/-
rs206811	XDH 31636915A>G	A	AA	+/+
rs10497853	AOX1 201475157A>G	A	AA	+/+
rs3731722	AOX1 His1297Arg	G	AA	-/-
rs4835913	ALDH7A1 126559817G>A	A	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4816	PCMT1 Val178Ile	G	AG	+/-
rs2301995	ELN 14714G>A	A	GG	-/-
rs4717865	ELN 16773G>A	A	GG	-/-
rs2071307	ELN Gly422Ser	G	AG	+/-
rs2856728	ELN 33356C>T	T	CT	+/-
rs2528795	ELN 36068T>C	C	TT	-/-
rs705703	SUOX C5444T	T	CC	-/-
rs1049564	PNP Gly51Ser	G	AG	+/-
rs7785	PNP 12473C>T	T	CC	-/-
rs8020095	GPHN 484734G>A	A	AG	+/-
rs723744	TTR 5747G>T	T	GG	-/-
rs3764476	TTR 9731C>A	A	CC	-/-
rs3794884	TTR 10242T>G	G	TT	-/-
rs7269297	MOC53 Ser429Ala	G	TT	-/-
rs1801475	KCNQ2 Asn752Thr	T	GG	-/-
rs2297385	KCNQ2 62070966G>A	A	AG	+/-

Neurotransmitter Pathway: Serotonin & Dopamine

242 variants found 45 81 116
 (See Figure 3)

Risk Summary: 45 high risk variants, 81 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9824856	DRD3 G50169T	A	AA	+/+
rs9828046	DRD3 C44637T	A	GG	-/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs963468	DRD3 C40013T	A	AA	+/+
rs3773678	DRD3 T32822C	G	GG	+/+
rs2630349	DRD3 T29528C	G	GG	+/+
rs2630351	DRD3 T27841C	A	GG	-/-
rs167771	DRD3 C26625T	A	AA	+/+
rs324029	DRD3 T21277C	A	GG	-/-
rs10934256	DRD3 G17248T	A	CC	-/-
rs1486009	DRD3 T14368C	A	AA	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs9825563	DRD3 T2680C	A	AA	+/+
rs1394016	DRD3 G20405035A	G	GG	+/+
rs27072	SLC6A3 G56022A	T	CC	-/-
rs1042098	SLC6A3 T55729C	A	AG	+/-
rs40184	SLC6A3 G55467A	C	CC	+/+
rs11564771	SLC6A3 C51747T	A	GG	-/-
rs11133767	SLC6A3 G48964A	C	CC	+/+
rs6347	SLC6A3 A39132G	T	TT	+/+
rs27048	SLC6A3 `	T	CT	+/-
rs464049	SLC6A3 T26639C	A	AA	+/+
rs460000	SLC6A3 C17719T	T	GG	-/-
rs403636	SLC6A3 T12190G	A	CC	-/-
rs2617605	SLC6A3 A8023G	C	TT	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs251937	DRD1 A9244G	C	TT	-/-
rs4867798	DRD1 A8265G	C	CT	+/-
rs686	DRD1 C7464T	A	AG	+/-
rs4532	DRD1 G6014A	C	CT	+/-
rs5326	DRD1 G5968A	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs265981	DRD1 T5262C	A	AG	+/-
rs10235796	DDC T52006C	T	CC	-/-
rs11575552	DDC T111909C	A	AA	+/+
rs11575551	DDC T111892C	A	AA	+/+
rs2242041	DDC G108706C	G	CC	-/-
rs11575543	DDC C107286T	A	GG	-/-
rs11575542	DDC G1385A	T	CC	-/-
rs11575537	DDC C121254T	T	CC	-/-
rs11575522	DDC C124764T	T	CC	-/-
rs732215	DDC T94092G	C	CC	+/+
rs12718541	DDC T88011C	A	GG	-/-
rs1451371	DDC A85104G	C	CC	+/+
rs2167364	DDC T155196C	T	TT	+/+
rs3779084	DDC A158104G	G	AA	-/-
rs880028	DDC A159505G	A	AA	+/+
rs1470750	DDC C166017G	G	GG	+/+
rs6263	DDC A415G	C	TT	-/-
rs11575340	DDC C41684A	T	GG	-/-
rs3735273	DDC C186233T	T	CC	-/-
rs998850	DDC G196757C	C	CC	+/+
rs6264	DDC T201104C/G49G	T	CC	-/-
rs10499695	DDC A19551G	C	CT	+/-
rs1451375	DDC G15443T	A	AC	+/-
rs921451	DDC A14870G	T	CT	+/-
rs3829897	DDC G219133T	G	GT	+/-
rs12669770	DDC C209826T	A	AG	+/-
rs1800783	NOS3 A6251T	T	AT	+/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs2070744	NOS3 T786C	T	CT	+/-
rs3918188	NOS3 C19635T	A	AC	+/-
rs7830	NOS3 G10T	T	GT	+/-
rs1611114	DBH C3719T	T	CT	+/-
rs1611115	DBH variant	T	CC	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs2007153	DBH T7335C	T	CT	+/-
rs2519155	DBH T8114C	T	TT	+/+
rs1108580	DBH A486G	A	AG	+/-
rs1108581	DBH A8757G	G	AG	+/-
rs2873804	DBH T9160C	T	CT	+/-
rs5320	DBH G631A	A	AG	+/-
rs5321	DBH G717C	C	GG	-/-
rs5324	DBH G12174A	A	GG	-/-
rs1611123	DBH C12599T	T	CT	+/-
rs1611125	DBH C12828T	T	CT	+/-
rs4531	DBH G952T	T	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2519152	DBH T13150C	C	CT	+/-
rs1541332	DBH G15032A	A	AA	+/+
rs2519154	DBH T15791C	C	CT	+/-
rs2797853	DBH T16031C	T	CC	-/-
rs2283123	DBH C18813T	T	CC	-/-
rs77905	DBH A1410G	A	AG	+/-
rs2097628	DBH T2145C	A	AA	+/+
rs129882	DBH C27185T	T	CT	+/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs9804190	ANK3 G658454A	C	CC	+/+
rs10761482	ANK3 T62085337C	C	CC	+/+
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs1938526	ANK3 T197902C	G	AA	-/-
rs3758653	DRD4 T4095C	C	CT	+/-
rs916457	DRD4 C4710T	T	CC	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs1800443	DRD4 T581G	G	TT	-/-
rs11246226	DRD4 C8887A	A	AC	+/-
rs4331145	DRD4 T643683C	T	CT	+/-
rs2070762	TH T1090C	G	GG	+/+
rs28934580	TH G1010A/R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	GG	-/-
rs6356	TH V112M	T	CT	+/-
rs1800497	ANKK1 E713K	A	AG	+/-
rs10891549	DRD2 A72555G	C	CT	+/-
rs2234689	DRD2 C72519G	G	CC	-/-
rs2242592	DRD2 C71572T	G	AA	-/-
rs6277	DRD2 C957T	A	AG	+/-
rs6275	DRD2 T852C	A	GG	-/-
rs1076560	DRD2 G67314T	A	AC	+/-
rs2283265	DRD2 G65466T	A	AC	+/-
rs2734838	DRD2 T64501C	G	AG	+/-
rs2440390	DRD2 A64124G	C	CC	+/+
rs1079727	DRD2 A61820G	C	CT	+/-
rs1076563	DRD2 T55093G	A	AC	+/-
rs1079597	DRD2 G54716A	T	CT	+/-
rs1079596	DRD2 G54383A	T	CT	+/-
rs1125394	DRD2 A53817G	T	CT	+/-
rs2471857	DRD2 G52663A	T	CT	+/-
rs4436578	DRD2 G44237A	T	TT	+/+
rs4620755	DRD2 C41383T	A	GG	-/-
rs11214606	DRD2 G41133A	T	CC	-/-
rs7125415	DRD2 G40321A	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4648318	DRD2 A37613G	C	TT	-/-
rs4648319	DRD2 C36639T	G	AG	+/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs4245146	DRD2 A33029G	C	CT	+/-
rs4936270	DRD2 A32594G	T	CC	-/-
rs4274224	DRD2 C31550T	G	AG	+/-
rs4581480	DRD2 G26528A	C	TT	-/-
rs7131056	DRD2 T21228G	A	CC	-/-
rs4648317	DRD2 C19470T	A	AG	+/-
rs4938019	DRD2 A9611G	C	CT	+/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs1006737	CACNA1C G115699A	A	GG	-/-
rs2159100	CACNA1C C271442T	T	CC	-/-
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1051375	CACNA1C G5445A	A	AA	+/+
rs1801153	PAH G*187A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs28934899	PAH R413P	G	CC	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs2245360	PAH C81837T	A	AG	+/-
rs772897	PAH G1155C	G	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs1722387	PAH A75311G	T	CC	-/-
rs1718312	PAH T75193C	G	AG	+/-
rs5030853	PAH A300S	A	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-

Neurotransmitter Pathway: Serotonin & Dopamine (continued)

(See Figure 3)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs5030849	PAH G782A	T	CC	-/-
rs3817446	PAH A55562G	C	CT	+/-
rs1718301	PAH C45188T	A	AG	+/-
rs2037639	PAH C45031T	A	AG	+/-
rs1722392	PAH G37636A	T	CT	+/-
rs1522305	PAH C35625G	G	GG	+/+
rs10860936	PAH A33429G	C	TT	-/-
rs10778209	PAH T32409C	A	GG	-/-
rs11111419	PAH T31338A	T	AA	-/-
rs62507347	PAH A27743C	C	TT	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs1522296	PAH C5594T	A	GG	-/-
rs2293054	NOS1 T2202C	A	GG	-/-
rs3782206	NOS1 G59494A	T	CC	-/-
rs7298903	NOS1 A57373G	C	TT	-/-
rs10483639	GCH1 G55306457C	C	GG	-/-
rs841	GCH1 C64051T	A	GG	-/-
rs752688	GCH1 G62974A	T	CC	-/-
rs4411417	GCH1 A53980G	C	TT	-/-
rs2878168	GCH1 C53758T	A	GG	-/-
rs2878169	GCH1 variant	T	GG	-/-
rs9671371	GCH1 G45908A	C	CC	+/+
rs7492600	GCH1 C37668A	T	GG	-/-
rs12147422	GCH1 A30528G	T	TT	+/+
rs3783637	GCH1 G26425A	C	CC	+/+
rs8004018	GCH1 T23847C	G	AA	-/-
rs998259	GCH1 G19512A	T	CC	-/-
rs7147286	GCH1 C15878T	G	GG	+/+
rs3783641	GCH1 A14404T	A	TT	-/-
rs3783642	GCH1 A14340G	T	TT	+/+
rs8017210	GCH1 C12707T	A	GG	-/-
rs8007267	GCH1 C36378991T	C	CC	+/+
rs168924	SLC6A2 A5003G	G	AA	-/-
rs2242446	SLC6A2 C5884T	T	TT	+/+
rs3785143	SLC6A2 C10565T	T	CC	-/-
rs1532701	SLC6A2 G13486A	G	AA	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs36020	SLC6A2 C28547T	T	CC	-/-
rs3785152	SLC6A2 T32009C	T	CC	-/-
rs40147	SLC6A2 G32299A	G	GG	+/+
rs10521329	SLC6A2 C35917A	A	CC	-/-
rs4564560	SLC6A2 A40223G	G	AG	+/-
rs11568324	SLC6A2 C41517T	T	CC	-/-
rs3785157	SLC6A2 C45295T	T	CT	+/-
rs5568	SLC6A2 A45583C	C	AA	-/-
rs1566652	SLC6A2 G47034T	T	GG	-/-
rs998424	SLC6A2 G47405A	G	AG	+/-
rs36009	SLC6A2 C48079T	T	CT	+/-
rs5558	SLC6A2 T49018G	G	TT	-/-
rs1800887	SLC6A2 T49048C	T	TT	+/+
rs2242447	SLC6A2 C51371T	T	CT	+/-
rs7946	PEMT G634A	T	CT	+/-
rs4646406	PEMT T17020543A	T	AA	-/-
rs4244593	PEMT T17023592G	T	GG	-/-
rs2297518	NOS2 C1823T	A	AG	+/-
rs2274894	NOS2 T836165G	T	GT	+/-
rs2248814	NOS2 T32235C	A	AG	+/-
rs876493	PNMT G-184A	A	AG	+/-
rs5638	PNMT A456G	G	AA	-/-
rs11077820	AANAT C10236T	T	CT	+/-
rs3760138	AANAT G18677AT	T	GT	+/-
rs28697191	AANAT C735T	T	CC	-/-
rs933271	COMT A2953G	T	TT	+/+
rs1544325	COMT A7406G	A	AG	+/-
rs5993883	COMT T13376G	T	GT	+/-
rs739368	COMT G14834A	A	GG	-/-
rs4646312	COMT T24075C	C	CT	+/-
rs165656	COMT G24601C	C	CG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs4633	COMT H62H	T	CT	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs740601	COMT T26501G	T	GT	+/-
rs8192488	COMT C438T	T	CC	-/-
rs4680	COMT V158M	A	AG	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs165774	COMT G28299A	A	GG	-/-
rs174696	COMT C28914T	C	TT	-/-
rs174699	COMT C30196T	C	TT	-/-
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AA	+/+
rs5953210	MAOA G3638A	G	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs5906883	MAOA A16535C	C	AC	+/-
rs5906957	MAOA A36902G	G	AG	+/-
rs909525	MAOA C42794T	C	CT	+/-
rs6323	MAOA R297R/G492T/T941G	G	TT	-/-
rs2235186	MAOA A85020G	A	GG	-/-
rs2072743	MAOA T89113C	C	CC	+/+
rs1137070	MAOA T1011C/1460C	T	CC	-/-
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AA	-/-
rs6651806	MAOB T57758G	A	CC	-/-

This report is intended to translate your results into an easier to understand form. It is not intended to diagnose or treat. For diagnosis or treatment, please present this to your doctor (or find a doctor on MTHFRSupportTM website under Find a Practitioner. Additionally, genetic mutations are flags that something ****could**** be wrong and not a guarantee that you are having all or any of the associated issues. Other factors like environment, ethnic background, diet, age, personal history, etc all have a factor in whether a mutation starts to present itself or not and when. Copyright all rights reserved MTHFR SupportTM

Other Immune Factors

22 variants found 5 7 10

Risk Summary: 5 high risk variants, 7 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10181656	STAT4 variant	G	CG	+/-
rs10210302	ATG16L1 C234158839T	C	CT	+/-
rs6822844	4q27 Region 123509421G>T	G	GG	+/+
rs479405	DMGDH G67591T	C	AC	+/-
rs402701	DMGDH T39928C	G	GG	+/+
rs532964	DMGDH T835C	A	AA	+/+
rs2253262	DMGDH T372G	A	AC	+/-
rs2069812	IL5 A131879916G	G	GG	+/+
rs20541	IL-13 variant	A	GG	-/-
rs1800629	TNF -308 variant	A	AG	+/-
rs361525	TNF -238 variant	A	AG	+/-
rs660895	HLA-DRB1 variant	G	AA	-/-
rs28940879	TYR (MeFV) V726A variant	A	GG	-/-
rs28940578	MeFV M694I variant	T	CC	-/-
rs28940580	MeFV M680I variant	G	CC	-/-
rs11466023	MeFV P369S variant	A	GG	-/-
rs3743930	MeFV E148Q variant	G	CC	-/-
rs1801275	IL4R Q576R variant	G	AA	-/-
rs7216389	GSDMB variant	T	CC	-/-
rs17851582	GAMT C9110T	G	GG	+/+
rs55776826	GAMT G7497A	T	CT	+/-
rs429358	APOE ApoE epsilon 4	C	TT	-/-

Pentose Phosphate Pathway

48 variants found 18 12 18
(See Figure 10)

Risk Summary: 18 high risk variants, 12 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs7524046	H6PD A212A	A	AG	+/-
rs2268169	H6PD G9321241A	A	AG	+/-
rs6688832	H6PD G9323910A	G	GG	+/+
rs17368528	H6PD P554L	T	CC	-/-
rs9434742	H6PD Y673Y	T	TT	+/+
rs2071931	H6PD C9329289T	T	TT	+/+
rs855315	PGM1 A64069612G	G	AA	-/-
rs2269260	PGM1 G64085337A	A	GG	-/-
rs2269241	PGM1 T64108771C	G	CT	-/-
rs4643	PGM1 A64125439C	C	AC	+/-
rs6702820	DDR2 A162603881G	G	AA	-/-
rs10917577	DDR2 A162613975G	G	GG	+/+
rs10494373	DDR2 A162619362C	C	AA	-/-
rs10799854	DDR2 C162619828T	T	TT	+/+
rs3795641	DDR2 G162625020A	G	AA	-/-
rs12044481	DDR2 G162635875A	A	AA	+/+
rs6693632	DDR2 T162648343C	C	TT	-/-
rs7553831	DDR2 T162661011G	G	GG	+/+
rs4559477	DDR2 T162681151G	T	GG	-/-
rs2684866	DDR2 A162726281C	C	CC	+/+
rs1780007	DDR2 A162748025C	C	CC	+/+
rs4666014	RBKS G28019175A	G	GG	+/+
rs11127125	RBKS T28023120C	T	TT	+/+
rs4464229	RBKS C28038080T	C	CC	+/+
rs4666020	RBKS G28046028A	A	GG	-/-
rs1667627	MTHFD2 C8503T	C	CT	+/-
rs7387	DHFR A*115T	T	TT	+/+
rs1650697	DHFR/MSH T-473A	A	AG	+/-
rs7768030	PHACTR1 12822973A>C	A	AA	+/+
rs9296486	PHACTR1 12848969T>G	G	TT	-/-
rs9369640	PHACTR1 12901441C>A	C	AA	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9349379	PHACTR1 12903957A>G	G	AG	+/-
rs12526453	PHACTR1 12927544C>G	C	CC	+/+
rs6906890	PHACTR1 12961220A>G	G	AA	-/-
rs10485363	PHACTR1 13137765G>T	T	GG	-/-
rs4715166	PHACTR1 13216058A>G	G	AG	+/-
rs202072	PHACTR1 13268211A>G	A	AG	+/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TT	-/-
rs803422	MTHFD1L A33780G	A	AG	+/-
rs6922269	MTHFD1L G71171A	A	GG	-/-
rs4129219	FBP1 T97390288C	C	TT	-/-
rs11246300	TALDO1 C749776T	T	CT	+/-
rs3895063	TALDO1 G755659A	A	AG	+/-
rs1076991	MTHFD1 C105T	C	CC	+/+
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs2838549	PFKL G45734885A	A	GG	-/-
rs7062536	PRPS2 G12839152A	G	GG	+/+

Thiamin/Thiamine Degradation

97 variants found 23 19 55
(See Figure 11)

Risk Summary: 23 high risk variants, 19 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4460661	WDTC1 (ADP) C27583993T	C	TT	-/-
rs11589265	WDTC1 (ADP) C27595862T	C	CT	+/-
rs837398	CYP4B1 T6753A	A	AT	+/-
rs837395	CYP4B1 T6753T	T	AT	+/-
rs4646487	CYP4B1 R173W	T	CT	+/-
rs12094024	CYP4B1 Y330S	C	AA	-/-
rs2297810	CYP4B1 M332I	A	GG	-/-
rs59694031	CYP4B1 C370S	C	GG	-/-
rs2297809	CYP4B1 R376C	T	CC	-/-
rs12059860	CYP4B1 T25254C	C	TT	-/-
rs6656822	SLC19A2 A23663G	T	CC	-/-
rs12185692	GAD1 (GAD) C2627A	A	AA	+/+
rs3791878	GAD1 (GAD) G3992T	G	GG	+/+
rs3749034	GAD1 (GAD) G5276A	A	GG	-/-
rs2241165	GAD1 (GAD) C10180T	T	TT	+/+
rs3828275	GAD1 (GAD) C14541T	T	TT	+/+
rs2241164	GAD1 (GAD) C18360T	C	TT	-/-
rs2058725	GAD1 (GAD) T21922C	C	TT	-/-
rs769407	GAD1 (GAD) G25509C	C	GG	-/-
rs3791851	GAD1 (GAD) T30473C	C	TT	-/-
rs701492	GAD1 (GAD) C34281T	C	CC	+/+
rs3791850	GAD1 (GAD) G39901A	G	GG	+/+
rs769395	GAD1 (GAD) A48604A	A	AA	+/+
rs12185721	SLC19A3 L252L	T	CC	-/-
rs3163	TKT P606P	T	CC	-/-
rs3736156	TKT A53263279G	A	AA	+/+
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	T	CT	+/-
rs4687718	TKT A53282303G	A	AG	+/-
rs1057807	RFC1 A39289473G	A	AG	+/-
rs9993224	RFC1 C39300198T	T	CT	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2066786	RFC1 P848P	C	CT	+/-
rs2066789	RFC1 G39308187A	G	AA	-/-
rs6844176	RFC1 T39366590C	C	CT	+/-
rs6851075	RFC1 T39367654C	C	CT	+/-
rs969356	TPK1 C364824T	G	AA	-/-
rs10224675	TPK1 T245385C	G	AA	-/-
rs12009	HSPA5 (GRP78) C11364T	A	AG	+/-
rs430397	HSPA5 (GRP78) G7548A	T	CC	-/-
rs2236418	GAD2 (GAD) A26505496G	A	AA	+/+
rs8190612	GAD2 (GAD) C26512375T	T	CT	+/-
rs8190646	GAD2 (GAD) A26520507G	G	AA	-/-
rs1330581	GAD2 (GAD) A26528835G	A	AG	+/-
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+
rs2368160	GAD2 (GAD) G26540771A	G	AG	+/-
rs1049982	CAT T5070C	T	CC	-/-
rs10836235	CAT C5233T	T	CC	-/-
rs11604331	CAT A5298G	G	GG	+/+
rs12272630	CAT G6194C	C	GG	-/-
rs480575	CAT A12175G	G	AA	-/-
rs11032703	CAT C14185T	T	CC	-/-
rs2300181	CAT C21068T	T	CC	-/-
rs2284365	CAT T29502C	C	TT	-/-
rs2420388	CAT G35066A	G	GG	+/+
rs7947841	CAT G36209A	A	GG	-/-
rs499406	CAT T36470C	T	TT	+/+
rs17880442	CAT C1476T	T	CC	-/-
rs7320729	ATP8A2 (ATP) T7044148C	T	CC	-/-
rs9578871	ATP8A2 (ATP) A7059627G	G	GG	+/+
rs6491066	ATP8A2 (ATP) F561F	T	TT	+/+
rs3117849	ATP8A2 (ATP) G7279179A	A	GG	-/-
rs306395	ATP8A2 (ATP) A7430564G	A	AG	+/-
rs3783139	ATP8A2 (ATP) T7520642C	C	TT	-/-
rs912514	ATP8A2 (ATP) C7524369T	C	CT	+/-
rs975508	ATP8A2 (ATP) A7545586G	A	AG	+/-
rs2156310	TFF1 G781047A	A	AG	+/-
rs12613	CBS G*299A	T	CC	-/-
rs1051298	SLC19A1 C32560T	A	GG	-/-
rs1051296	SLC19A1 T32525G	C	AA	-/-
rs35786590	SLC19A1 A518V	A	GG	-/-
rs7278825	SLC19A1 A429V	A	GG	-/-
rs1888530	SLC19A1 (THTR2) G30963A	C	CC	+/+
rs3788190	SLC19A1 C30428T	A	GG	-/-
rs2838956	SLC19A1 T22362C	A	AA	+/+
rs2297291	SLC19A1 T22046C	A	GG	-/-
rs4818789	SLC19A1 C18559A	G	TT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4819128	SLC19A1 G17737A	T	TT	+/+
rs12659	SLC19A1 P192P	A	GG	-/-
rs914232	SLC19A1 A14636G	T	CC	-/-
rs2330183	SLC19A1 G14094A	T	TT	+/+
rs3788200	SLC19A1 (THTR2) T10815C	A	GG	-/-
rs1051266	SLC19A1 H27R	T	CC	-/-
rs4819130	SLC19A1 G9087A	T	TT	+/+
rs766420	TKTL1 C35378G	G	CC	-/-
rs766419	TKTL1 A35635G	G	AA	-/-
rs2872817	TKTL1 A39392G	G	AA	-/-
rs1050757	G6PD A*357G	T	TT	+/+
rs72554664	G6PD R493H	T	CC	-/-
rs2071429	G6PD A153760508G	A	AA	+/+
rs2230037	G6PD T438T	G	GG	+/+
rs2230036	G6PD Q402Q	T	CC	-/-
rs5986990	G6PD G153761628A	A	GG	-/-
rs5030868	G6PD S219F	A	GG	-/-
rs1050829	G6PD N156D	C	TT	-/-
rs1050828	G6PD V98M	T	CC	-/-
rs762515	G6PD A16260G	C	TT	-/-
rs2472394	G6PD G9437T	A	CC	-/-

Thyroid

8 variants found 1 5 2

Risk Summary: 1 high risk variants, 5 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs1867277	FOXE1 5378A>G	A	AA	+/+
rs7043516	FOXE1 variant	C	AC	+/-
rs10984009	FOXE1 8124G>A	A	GG	-/-
rs12934922	BCMO1 R267S Arg267Ser	T	AT	+/-
rs4889294	BCMO1 36464T>C	C	CT	+/-
rs7501331	BCMO1 A379V Ala379Val	T	CT	+/-
rs1800458	TTR Gly26Ser	A	GG	-/-

Trans-Sulfuration Pathway

34 variants found 2 14 18
 (See Figure 8)

Risk Summary: 2 high risk variants, 14 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10889869	CTH G6010A	A	GG	-/-
rs681475	CTH T8763C	C	CC	+/+
rs1145920	CTH A11886G	A	GG	-/-
rs12723350	CTH T16147C	C	TT	-/-
rs663649	CTH G25229T	T	GT	+/-
rs515064	CTH A32114G	G	AG	+/-
rs1021737	CTH S4031I	T	GT	+/-
rs6458687	MUT A2011G	T	CC	-/-
rs6458690	MUT T24234C	G	AA	-/-
rs2272306	CSAD C25411T	A	GG	-/-
rs1006959	CSAD C13258T	A	GG	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	CT	+/-
rs296366	SULT2A1 A20117G	C	TT	-/-
rs296365	SULT2A1 G20104C	G	CC	-/-
rs11569679	SULT2A1 G781A	T	CC	-/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs8113396	SULT2A1 T15557C	G	AA	-/-
rs2547242	SULT2A1 A15550G	C	TT	-/-
rs2910393	SULT2A1 A13527G	T	TT	+/+
rs4149449	SULT2A1 G9696A	T	CT	+/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs4149448	SULT2A1 T8298C	G	AG	+/-
rs2236270	GSS C25447A	T	GT	+/-
rs2273684	GSS A18836C	T	GT	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	C	AC	+/-
rs6088659	GSS A5997G	T	CC	-/-
rs706209	CBS C*351T	A	AG	+/-
rs706208	CBS T*330C	A	AG	+/-
rs1801181	CBS A360A	A	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4920037	CBS C19150T	A	GG	-/-
rs234706	CBS C699T	A	GG	-/-
rs2851391	CBS A13637G	T	CT	+/-

Yeast/Alcohol Metabolism

15 variants found 3 1 11
(See Figure 7)

Risk Summary: 3 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4767939	ALDH2 A7550G	A	AA	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs2238152	ALDH2 G15114T	T	GG	-/-
rs4648328	ALDH2 C23443T	T	CC	-/-
rs7311852	ALDH2 C25959G	G	CC	-/-
rs441	ALDH2 T29504C	C	TT	-/-
rs968529	ALDH2 T35023C	C	CC	+/+
rs4646778	ALDH2 C36438A	A	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547566	ALDH3A2 C13996T	T	CC	-/-
rs1800869	ALDH3A2 C17571G	G	CC	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs8069576	ALDH3A2 A23257G	A	AG	+/-

Castor Oil

12 variants found 2 6 4

Risk Summary: 2 high risk variants, 6 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs516243	CASZ1 A10750432G	A	AG	+/-
rs12046278	CASZ1 T10799577C	T	TT	+/+
rs977214	PTGER3 T92232C	G	AG	+/-
rs6665776	PTGER3 G90650T	A	AC	+/-
rs3176860	VCAM1 A71159137G	A	AG	+/-
rs3176879	VCAM1 G71175745A	G	AA	-/-
rs4790353	PAFAH1B1 G2578648T	T	GT	+/-
rs4790356	PAFAH1B1 A2586229G	G	AG	+/-
rs8065080	TRPV1 I585V	T	CC	-/-
rs224534	TRPV1 T469I	A	GG	-/-
rs2071409	MPO A15067C	T	TT	+/+
rs28730837	MPO C7900T	A	GG	-/-

Sodium Deoxycholate

5 variants found 2 1 2

Risk Summary: 2 high risk variants, 1 moderate risk variants - Consider discussing with healthcare providerQuick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11688	JUN c.750G/A	T	CC	-/-
rs3729931	RAF1 G12626516A	G	AG	+/-
rs2293347	EGFR D994D	C	CC	+/+
rs4363087	STX1A T73118196C	T	CC	-/-
rs6951030	STX1A T73133241G,	T	TT	+/+

Potassium Chloride

4 variants found 2 2

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1058184	KCNA3 T*232G	C	AC	+/-
rs981782	HCN1 A45285718C	C	AC	+/-
rs28933383	KCNA1 T226M	G	CC	-/-
rs28933382	KCNA1 P244H	A	CC	-/-

Beta-Propiolactone

2 variants found 2

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs477992	PHGDH A120257576G	A	AG	+/-
rs543703	PHGDH T442T	G	AG	+/-

Polysorbate 20

3 variants found 1 2

Risk Summary: 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs5275	PTGS2 A186649221G	A	AG	+/-
rs2745557	PTGS2 A186649221G	A	GG	-/-
rs3816873	MTTP I28T	C	TT	-/-

Gentamicin Sulfate

1 variants found 1

Risk Summary: 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4950928	CHI3L1 C131G	G	CG	+/-

Formaldehyde

3 variants found 3

Risk Summary: 3 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1800896	IL10 T206946897C	C	CT	+/-
rs2069763	IL2 L38L	A	AC	+/-
rs2069762	IL2 T4671G	A	AC	+/-

Acetone

4 variants found 2 2

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare providerQuick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2302615	ODC1 G5316A	C	CT	+/-
rs258751	NR3C1 C3843271A	A	GG	-/-
rs140174	IGLL1/14.1 T4513C	G	AG	+/-
rs2071747	HMOX1 A7H	C	GG	-/-

Sorbitol

17 variants found 5 2 10

Risk Summary: 5 high risk variants, 2 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs16944	IL1B C-511T	G	GG	+/+
rs322351	DUSP1 G*892A	C	CC	+/+
rs730497	GCK G44223721A	A	GG	-/-
rs1799884	GCK G4955A	T	CC	-/-
rs10306114	PTGS1/COX-1 A-287G	A	AA	+/+
rs3842787	PTGS1/COX-1 P17L	T	CC	-/-
rs1946518	IL8 A4383C	G	TT	-/-
rs6214	IGF1 G85810A	C	CC	+/+
rs6218	IGF1 T.85746C	G	AA	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs861539	XRCC3 T241M	G	AA	-/-
rs11636774	SORD A45317915C	C	AA	-/-
rs8043226	SORD G45321593A	A	GG	-/-
rs25487	XRCC1 G399A	T	CT	+/-
rs25489	XRCC1 A280H	C	CC	+/+
rs1799782	XRCC1 A194T	A	GG	-/-
rs50871	ERCC2/XPD G16331T	A	AC	+/-

Lactose

9 variants found 4 5

Risk Summary: 4 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2322659	LCT A1639S	C	CC	+/+
rs72555373	GLB1 T460A	T	AA	-/-
rs4302331	GLB1 A33055721G	G	GG	+/+
rs72555366	GLB1 A178C	G	GG	+/+
rs72555360	GLB1 A171C	A	GG	-/-
rs72555392	GLB1 A59H	T	CC	-/-
rs72555358	GLB1 C145T	G	GG	+/+
rs12342831	B4GALT1 A47485G	C	TT	-/-
rs10813960	B4GALT1 C33170362T	T	CC	-/-

Insect Cell

4 variants found 4

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2228014	CXCL12 I138I	A	GG	-/-
rs10974944	JAK2 C5070831G	G	CC	-/-
rs12340895	JAK2 C5076691G	G	CC	-/-
rs3780374	JAK2 G5099677A	A	GG	-/-

A-Tocopheryl Hydrogen Succinate

7 variants found 3 3 1

Risk Summary: 3 high risk variants, 3 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1376877	ABI2 C204272090T	C	CC	+/+
rs1800067	ERCC4 R415Q	G	GG	+/+
rs1799801	ERCC4 S835S	C	TT	-/-
rs3212986	ERCC1 G540K	A	AC	+/-
rs11615	ERCC1 N118N	A	AG	+/-
rs380417	APP .T27272159C	C	CT	+/-
rs459543	APP C27543049G	C	CC	+/+

Amphotericin B

7 variants found 2 1 4

Risk Summary: 2 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10932201	CREB1 G208426257A	G	AA	-/-
rs2254137	CREB1 C208444028A	C	AA	-/-
rs7124442	BDNF C27677041T	C	TT	-/-
rs11568324	SLC6A2 C41517T	T	CC	-/-
rs998424	SLC6A2 G47405A	G	AG	+/-
rs1042173	SLC6A4 A28525011C	C	CC	+/+
rs2066713	SLC6A4 G28551665A	G	GG	+/+

Plasdone C

4 variants found 2 2

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2304573	FN1 T62142C	G	AG	+/-
rs1250248	FN1 T18699C	A	GG	-/-
rs1341239	PRL T3879G	T	CC	-/-
rs2005172	GH1 T4944G	C	AC	+/-

Magnesium Stearate

11 variants found 4 1 6

Risk Summary: 4 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4674344	CYP27a1 A219669875T	A	AA	+/+
rs72551314	CYP27a1 G159null	T	CC	-/-
rs72551322	CYP27a1 A479G	T	CC	-/-
rs11914	IFNGR1 S359S	C	AA	-/-
rs3799488	IFNGR1 A25788G	C	TT	-/-
rs1327475	IFNGR1 C9113T	A	GG	-/-
rs7749390	IFNGR1 T5198C	A	AA	+/+
rs1327474	IFNGR1 -611G>A	C	CC	+/+
rs11868035	SREBF1 C*835T	A	AG	+/-
rs9902941	SREBF1/SREBP G11566A	T	CC	-/-
rs1889018	SREBF1/SREBP C10586T	G	GG	+/+

Benzethonium Chloride

6 variants found 3 1 2

Risk Summary: 3 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3791729	CHRNA7 G23339529A	G	GG	+/+
rs2767	CHRNA7 A233400074G	A	AA	+/+
rs237875	CTSL1 A8782406G	A	AA	+/+
rs6494223	CHRFAM7A/CHRNA7 C78732T	T	CT	+/-
rs1909884	CHRFAM7A/CHRNA7 G121573A	A	GG	-/-
rs3825932	CTSH A6975G	T	CC	-/-

Ovalbumin

7 variants found 2 2 3

Risk Summary: 2 high risk variants, 2 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs58597806	UGT1A9 Asp256Asn	G	GG	+/+
rs6742078	UGT1A1 G179250T	T	GT	+/-
rs1799852	TF Leu247Leu	T	CC	-/-
rs10020432	AFP A24668G	A	AG	+/-
rs5471	HP A4954C	C	AA	-/-
rs2230201	C3 Arg304Arg	T	CC	-/-
rs2230199	C3 R102G	G	GG	+/+

Polysorbate 80

20 variants found 1 4 15

Risk Summary: 1 high risk variants, 4 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1129055	CD86 A228T	A	AG	+/-
rs17281995	CD86 G.*1258C	C	CG	+/-
rs4986910	CYP3A4*3 M445T	G	AA	-/-
rs4646440	CYP3A4 C608T	A	GG	-/-
rs28371759	CYP3A4*18 L293P	G	AA	-/-
rs4646437	CYP3A4 C202T	A	AG	+/-
rs2246709	CYP3A4 T258C	G	AA	-/-
rs55785340	CYP3A4*2 S222P	G	AA	-/-
rs55901263	CYP3A4*5 P218R	C	GG	-/-
rs12721627	CYP3A4*16 T185S	G	GG	+/+
rs55951658	CYP3A4*4 I118V	C	TT	-/-
rs3091339	CYP3A4*_11460A>G(K96E) K96E	C	TT	-/-
rs2740574	CYP3A4*1B A392G	C	TT	-/-
rs2020921	PLAT/COX2 A164T	A	GG	-/-
rs879293	PLAT/COX2 G15049A	T	CT	+/-
rs1412444	LIPA C41807391T	T	CC	-/-
rs1051338	LIPA A46C	G	TT	-/-
rs2289681	GFAP A286A	T	CC	-/-
rs5491	ICAM1 L56M	T	AA	-/-
rs5498	ICAM1 L469G	G	AA	-/-

Sucrose

1 variants found 1

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4855271	SI M1523I	C	TT	-/-

Sodium Chloride

7 variants found 2 1 4

Risk Summary: 2 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs28933389	BCHE T271M	A	GG	-/-
rs17228616	ACHE G100487721T	T	GG	-/-
rs7636	ACHE P477P	G	GG	+/+
rs2227692	SERPINE1 C38812087T	T	CC	-/-
rs7242	SERPINE1 T16067G	G	GT	+/-
rs357564	PTCH1 P1164L	G	AA	-/-
rs2236405	PTCH1 T1044S	T	TT	+/+

Dextrose

12 variants found 4 4 4

Risk Summary: 4 high risk variants, 4 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs734312	WFS1 A611H	G	AG	+/-
rs6897932	IL7 T23148959C	C	CC	+/+
rs35332062	MLXIPL or MLX A358V	A	AG	+/-
rs3812316	MLXIPL or MLX G24H	C	CG	+/-
rs2167270	LEP G127881349A	A	GG	-/-
rs5215	KCNJ11 V250I	T	TT	+/+
rs5219	KCNJ11 L23G	T	CC	-/-
rs2695121	NR1H2 T23148959C	C	CC	+/+
rs1405655	NR1H2 T50882619C	C	CT	+/-
rs1051295	KCNB1 T*615C	G	AA	-/-
rs756529	KCNB1 G18207100A	G	AA	-/-
rs2899292	LGALS1/GAL1 C54T	G	GG	+/+

Polymyxin B

2 variants found 1 1

Risk Summary: 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1585215	NFKB1 T103444474C	C	CT	+/-
rs4648022	NFKB1 C103496437T	T	CC	-/-

Urea

2 variants found 2

Risk Summary: 2 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4444903	EGF A110834110G	A	AA	+/+
rs2237051	EGF M708I	G	GG	+/+

Gelatin

11 variants found 3 4 4

Risk Summary: 3 high risk variants, 4 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1449683	FGF2 S52S	T	CC	-/-
rs1048201	FGF2/NUDT6 A209G	C	CC	+/+
rs3025039	VEGFA C936T	T	CC	-/-
rs10434	VEGFA A*913G	G	GG	+/+
rs706118	BAG1 A13581C	T	TT	+/+
rs706121	BAG1 C33260632T	C	TT	-/-
rs962369	BDNF A14186C	C	TT	-/-
rs8373	CNTF/ZFP91 S207G	G	AG	+/-
rs1800169	CNTF/ZFP91 1845-6G>A	G	AG	+/-
rs3178250	BMP2 T*465C	C	CT	+/-
rs235756	BMP2 C282Y	G	AG	+/-

Hydrocortisone

22 variants found 4 4 14

Risk Summary: 4 high risk variants, 4 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11725509	NR3C2 A149311728C	A	AA	+/+
rs1490453	NR3C2 G149321346A	A	GG	-/-
rs28365083	CYP3A5*2 C2899A	T	GG	-/-
rs28383479	CYP3A5*9 G1009A	T	CC	-/-
rs10264272	CYP3A5*6 G624A	T	CC	-/-
rs776746	CYP3A5*3 G237A	A	CC	-/-
rs10211	CYP3A7 G129A	T	TT	+/+
rs28934592	HSD11B2 R208H	A	GG	-/-
rs28934591	HSD11B2 R213C	T	CC	-/-
rs8192709	CYP2B6 R22C	T	CT	+/-
rs35303484	CYP2B6 A136G	G	AA	-/-
rs3745274	CYP2B6 Q172H	T	GG	-/-
rs36079186	CYP2B6 T20715C	C	TT	-/-
rs2279343	CYP2B6 L262A	G	AA	-/-
rs2279345	CYP2B6 T23499C	T	CT	+/-
rs28399499	CYP2B6 I328T	C	TT	-/-
rs34097093	CYP2B6 C1132T	T	CC	-/-
rs8192719	CYP2B6 C26570T	T	CC	-/-
rs7260329	CYP2B6 G29435A	G	GG	+/+
rs1042389	CYP2B6 T1421C	T	CT	+/-
rs1883832	CD40 T44746982C	T	CT	+/-
rs28931586	CD40 C83A	T	TT	+/+

FD&C Yellow #6 Aluminum Lake Dye

3 variants found 1 2

Risk Summary: 1 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2052550	ARSB A14416G	C	CC	+/+
rs1041988	CYP3A4 C1431T	G	AA	-/-
rs35979293	CD19 Pro235Pro	T	GG	-/-

Calcium Chloride

4 variants found 2 2

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs443095	THBS4 G79362550A	A	GG	-/-
rs8089	THBS2 A169617726C	C	AC	+/-
rs8178750	PLAT G42044871A	A	GG	-/-
rs1058720	PLAT D167D	A	AG	+/-

Sodium Borate

3 variants found 2 1

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs17286676	SLC4A9 G139749028A	A	AG	+/-
rs6084312	SLC4A11 T463T	T	CT	+/-
rs3827075	SLC4A11 R161R	T	GG	-/-

Protamine Sulphate

4 variants found 2 2

Risk Summary: 2 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs901865	HRH1 T-17C	T	TT	+/+
rs346070	HRH1 T*1687C	T	TT	+/+
rs2067474	HRH2 G175109219A	A	GG	-/-
rs1800689	HRH2 V181V	A	GG	-/-

D-Fructose

2 variants found 1 1

Risk Summary: 1 high risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs7725	GFPT2 G.*607A	T	TT	+/+
rs1800546	ALDOB A150P	G	CC	-/-

Phenol Red

6 variants found 2 4

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1265159	POU5F1 G31140047A	A	AG	+/-
rs2273697	ABCC2/MRP2 V417I	A	GG	-/-
rs17222723	ABCC2 V956G	A	TT	-/-
rs10895068	PGR G331A	T	CC	-/-
rs2494732	AKT1 1172+23A>G	C	CT	+/-
rs34377097	TBXA2R R60L	A	CC	-/-

Nonylphenol Ethoxylate

10 variants found 5 5

Risk Summary: 5 high risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2881766	ESR1 T152119119G	T	TT	+/+
rs9340799	ESR1 -351A>G	G	GG	+/+
rs1048943	CYP1A1*2C A4889G	T	TT	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-
rs762551	CYP1A2*1F C164A	C	CC	+/+
rs56276455	CYP1A2*3 D348N	A	GG	-/-
rs2472304	CYP1A2*1F variant	A	GG	-/-
rs28399424	CYP1A2*6 R431W	T	CC	-/-
rs2470890	CYP1A2 1545T>C	C	CC	+/+

Microcrystalline Cellulose

1 variants found 1

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10230120	COBL A577A	T	GG	-/-

Magnesium Sulfate

8 variants found 1 7

Risk Summary: 1 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs6942458	CACNA2D1 T295518C	G	AA	-/-
rs10954668	CACNA2D1 C230381T	A	GG	-/-
rs929351	CACNA2D1 A220139C	C	TT	-/-
rs1006737	CACNA1C G115699A	A	GG	-/-
rs2159100	CACNA1C C271442T	T	CC	-/-
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1051375	CACNA1C G5445A	A	AA	+/+

Disodium Phosphate

3 variants found 1 2

Risk Summary: 1 high risk variants, 2 moderate risk variants - Consider discussing with healthcare providerQuick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1051922	IFNB1 Y51Y	G	GG	+/+
rs1861493	IFNG G68551196A	G	AG	+/-
rs1861494	IFNG C68551409T	T	CT	+/-

Phosphate-Buffered Saline

4 variants found 2 1 1

Risk Summary: 2 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1769259	FBP1 R218K	T	TT	+/+
rs4129219	FBP1 T97390288C	C	TT	-/-
rs1800278	DMD N2912D	T	TT	+/+
rs921896	DMD T32213962C	C	CT	+/-

D-Mannose

4 variants found 1 3

Risk Summary: 1 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1800450	MBL2 G54A	T	CC	-/-
rs11003125	MBL2 C4447G	C	CC	+/+
rs731236	VDR TAQ	G	AA	-/-
rs1544410	VDR VDR:BsmI	T	CC	-/-

Sodium Taurodeoxycholate

3 variants found 2 1

Risk Summary: 2 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2856111	MUC2 T1075747C	C	CT	+/-
rs10902088	MUC2 C1087972T	T	CT	+/-
rs17576	THBS2 Q279R	G	AA	-/-

Human Serum Albumin

1 variants found 1

Risk Summary: 1 high risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4638289	SAA1 A18285774T	A	AA	+/+

Aluminum Sulfate

3 variants found 1 1 1

Risk Summary: 1 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider**Quick Navigation:** [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs557564	TCN1 C59629305T	T	CT	+/-
rs526934	TCN1 G4939288A	A	AA	+/+
rs11231865	PYGM P410P	A	GG	-/-

L-Tyrosine

7 variants found 2 1 4

Risk Summary: 2 high risk variants, 1 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: [Overview](#) [Categories](#) [Disclaimer](#)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2070762	TH T1090C	G	GG	+/+
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	GG	-/-
rs6356	TH V112M	T	CT	+/-
rs28940881	TYR A5083G	G	AA	-/-
rs1393350	TYR G105007A	A	AA	+/+

Important Disclaimer

Medical Disclaimer: This report is intended to translate your results into an easier to understand form. It is **not intended to diagnose or treat** any medical condition.

Professional Consultation: For diagnosis or treatment, please present this report to your qualified healthcare provider or find a practitioner on the MTHFRSupport[™] website under "Find a Practitioner".

Genetic Interpretation: Genetic mutations are indicators that something *could* be affected, but they are **not a guarantee** that you are experiencing all or any of the associated issues.

Contributing Factors: Many factors influence whether genetic variants manifest as health issues, including:

- Environmental factors
- Ethnic background
- Diet and lifestyle
- Age and personal history
- Other genetic interactions

© Copyright all rights reserved MTHFR Support[™]