MTHFRSupport Bundled Report

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Report Summary

1275
Total Variants

63
Categories

11
Pathway Figures

234
High Risk (+/+)

372
Moderate Risk (+/-)

669
Low Risk (-/-)

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Quick Navigation: Overview Categories Disclaimer

Alzheimers/Cardio/Lipid

86 variants found 11 12 63

Risk Summary: 11 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
rs11591147	PCSK9 R46L	T	GG	-/-
rs4970834	CELSR2 -20C7927T	T	CC	-/-
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs2227589	SERPINC1 G5301A	T	CC	-/-
rs6656401	CR1 A27577G	A	AG	+/-
rs63750048	PSEN2 Ala85Val	T	CC	-/-
rs63749851	PSEN2 Thr122Pro	C	AA	-/-
rs63750215	PSEN2 Asn141Ile	T	AA	-/-
rs28936379	PSEN2 Met239Val	G	AA	-/-
rs63749884	PSEN2 Met239Ile	A	GG	-/-
rs63750666	PSEN2 Thr429Met	T	CC	-/-
rs63750110	PSEN2 Asp438Ala	C	AA	-/-
rs1523127	NR1I2 C6709A	A	AC	+/-
rs1049296	TF C34378T	C	CC	+/+
rs13146272	CYP4V2 Q259K	C	AC	+/-
rs2036914	F11 T10364C	C	TT	-/-
rs2289252	F11 C25264T	C	CC	+/+
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	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs2069837	IL6 A6262G	G	AA	-/-
rs11136000	CLU A58V	C	CC	+/+
rs7019241	GOLM1 C17857992T	C	CC	+/+
rs10868366	GOLM1 G88700060T	T	GG	-/-
rs4986790	TLR4 D299G	G	AA	-/-
rs1880676	CHAT Asp7Asn	A	AG	+/-
rs3810950	CHAT A120T	A	AG	+/-
rs17571	CTSD A58V	A	GG	-/-
rs11030104	BDNF T64089C	A	AA	+/+
rs5896	F2 C494T	T	CC	-/-
rs10793294	GAB2 G137466T	A	AA	+/+
rs2373115	GAB2 G42719T	G	CC	-/-
rs1792113	SORL1 A146986G	G	AA	-/-
rs669	A2M Ile1000Val	C	TC	+/-
rs12316150	OLR1 T17500A	T	AA	-/-
rs2160525	LRP6 T154522C	A	GG	-/-
rs1012672	LRP6 Cys1270	A	GG	-/-
rs2302685	LRP6 V1062I	C	TT	-/-
rs2248663	RNF219 T79207588C	C	TC	+/-
rs6046	F7 A353G Arg329Gln	A	AG	+/-
rs3211719	F10 113777509 A5397C	A	AA	+/+
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	-/-
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	-/-
rs1800775	CETP C4402A	C	CC	+/+
rs5882	CETP I405V	A	AA	+/+
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs1800458	TTR Gly26Ser	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3764650	ABCA7 T1046520G	G	TT	-/-
rs892086	DNM2 G13923A	A	AG	+/-
rs6859	PVRL2 A37642G	A	GG	-/-
rs157580	TOMM40 G45395266A	G	AG	+/-
rs769449	APOE G5964A	A	GG	-/-
rs28931576	APOE A178G	G	AA	-/-
rs769455	APOE C8002T	T	CC	-/-
rs7412	APOE APOE epsilon 2	T	CC	-/-
rs28931579	APOE A8455C	C	AA	-/-
rs1613662	GP6 Pro219Ser	G	AA	-/-
rs1042580	THBD A7681G	C	TT	-/-
rs63749964	APP Val586Gly	C	AA	-/-
rs63750399	APP Ile698Val	C	TT	-/-
rs63750734	APP Val697Met	T	CC	-/-
rs63750973	APP Thr696Ile	A	GG	-/-
rs63750066	APP Ala695Thr	T	CC	-/-
rs63750363	APP Glu647Asp	C	CC	+/+
rs6048	F9 G580A A25386G	G	AA	-/-

COMT Activity

115 variants found 20 36 59

(See Figure 4)

Risk Summary: 20 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
rs9828046	DRD3 C44637T	A	GG	-/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs963468	DRD3 C40013T	A	AG	+/-
rs3773678	DRD3 T32822C	G	GG	+/+
rs167771	DRD3 C26625T	A	AA	+/+
rs324029	DRD3 T21277C	A	GG	-/-
rs1486009	DRD3 T14368C	A	AA	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs9825563	DRD3 T2680C	A	AG	+/-
rs1394016	DRD3 G20405035A	G	AG	+/-
rs251937	DRD1 A9244G	C	TT	-/-
rs686	DRD1 C7464T	A	AG	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs265981	DRD1 T5262C	A	AG	+/-
rs1611114	DBH C3719T	T	TT	+/+
rs1611115	DBH variant	T	CC	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs2007153	DBH T7335C	T	CC	-/-
rs1108580	DBH A486G	A	AG	+/-
rs1108581	DBH A8757G	G	AA	-/-
rs2873804	DBH T9160C	T	TT	+/+
rs5320	DBH G631A	A	GG	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs4531	DBH G952T	T	GG	-/-
rs1541332	DBH G15032A	A	AA	+/+
rs2519154	DBH T15791C	C	TC	+/-
rs2283123	DBH C18813T	T	CC	-/-
rs77905	DBH A1410G	A	AG	+/-
rs2097628	DBH T2145C	A	AG	+/-
rs129882	DBH C27185T	T	TC	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11599164	ANK3 C666301A	T	GG	-/-
rs9804190	ANK3 G658454A	C	TC	+/-
rs10761482	ANK3 T62085337C	C	TC	+/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs3758653	DRD4 T4095C	C	TT	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs11246226	DRD4 C8887A	A	AA	+/+
rs2070762	TH T1090C	G	AG	+/-
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	AG	+/-
rs6356	TH V112M	T	CC	-/-
rs1800497	ANKK1 E713K	A	GG	-/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs2242592	DRD2 C71572T	G	AG	+/-
rs6275	DRD2 T852C	A	AG	+/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs2734838	DRD2 T64501C	G	GG	+/+
rs1079597	DRD2 G54716A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs4620755	DRD2 C41383T	A	GG	-/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs4245146	DRD2 A33029G	C	TC	+/-
rs7131056	DRD2 T21228G	A	AC	+/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs1006737	CACNA1C G115699A	A	AA	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1801153	PAH G*187A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs2245360	PAH C81837T	A	AA	+/+
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030853	PAH A300S	A	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs1042503	PAH G735A	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs1722392	PAH G37636A	T	TT	+/+
rs10860936	PAH A33429G	C	TT	-/-
rs10778209	PAH T32409C	A	AG	+/-
rs62507347	PAH A27743C	C	TT	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs4767939	ALDH2 A7550G	A	AA	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs4648328	ALDH2 C23443T	T	CC	-/-
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	GG	-/-
rs933271	COMT A2953G	T	TT	+/+
rs1544325	COMT A7406G	A	GG	-/-
rs5993883	COMT T13376G	T	GG	-/-
rs4646312	COMT T24075C	C	TC	+/-
rs165656	COMT G24601C	C	CG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs4633	COMT H62H	T	TC	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs4680	COMT V158M	A	AG	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs174699	COMT C30196T	C	TT	-/-
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AG	+/-
rs5953210	MAOA G3638A	G	AG	+/-
rs5906957	MAOA A36902G	G	GG	+/+
rs909525	MAOA C42794T	C	TC	+/-
rs6323	MAOA R297R/G492T/T941G	G	TG	+/-
rs2235186	MAOA A85020G	A	AG	+/-
rs1137070	MAOA T1011C/1460C	T	TC	+/-
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AG	+/-
rs6651806	MAOB T57758G	A	AC	+/-

Cannabinoid Pathway

40 variants found 10 12 18

Risk Summary: 10 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
rs9424398	CNR2 T24221834G	G	TG	+/-
rs806368	CNR1 T88850100C	T	TT	+/+
rs4707436	CNR1 G88851751A	A	AA	+/+
rs1049353	CNR1 T453T	T	TT	+/+
rs806369	CNR1 T88856178C	T	CC	-/-
rs806374	CNR1 T88857320C	T	TC	+/-
rs806376	CNR1 T88858648C	C	TT	-/-
rs806377	CNR1 T88858723C	T	TT	+/+
rs806378	CNR1 C88859551T	T	CC	-/-
rs6928813	CNR1 A88861698G	G	AA	-/-
rs806381	CNR1 A88865901G	A	AA	+/+
rs12205430	CNR1 T88867925C	C	TT	-/-
rs6454673	CNR1 G88871049A	G	GG	+/+
rs6454674	CNR1 T88872930G	T	TT	+/+
rs1049748	ABP1 P574P	T	TC	+/-
rs3847987	VDR C48238068A	A	CC	-/-
rs7967152	VDR A48244184C	C	AC	+/-
rs2248098	VDR T50459C	G	AG	+/-
rs2239182	VDR T48255411C	C	CC	+/+
rs2107301	VDR C48245T	A	GG	-/-
rs2239181	VDR T47866G	C	AA	-/-
rs1540339	VDR G46489A	T	CC	-/-
rs12721370	VDR G41742T	A	CC	-/-
rs886441	VDR G48262964A	G	AA	-/-
rs2189480	VDR C39987A	T	GG	-/-
rs2239186	VDR T34405C	G	AA	-/-
rs11168275	VDR T48272275C	C	TT	-/-
rs2254210	VDR G48273714A	A	AG	+/-
rs2238136	VDR C48277713T	T	CC	-/-
rs2853564	VDR G48278487A	G	AG	+/-
rs11168287	VDR G48285414A	G	AG	+/-
rs4328262	VDR C18167A	G	TG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4334089	VDR G48286015A	G	AG	+/-
rs4237855	VDR G48287203A	A	AG	+/-
rs3890733	VDR G14442A	T	CC	-/-
rs10875695	VDR C48293037A	A	AC	+/-
rs11168293	VDR G48293716T	G	GG	+/+
rs7136534	VDR G9189A	G	TC	-/-
rs2070586	DAO G8864A	G	GG	+/+
rs2070587	DAO T887G	G	TT	-/-

Celiac Disease/Gluten Intolerance

5 variants found 2 1 2

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
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs6441961	3p21 near CCR3 1184A>G variant	T	CC	-/-
rs9851967	LPP 220966C>T	T	TT	+/+
rs6822844	4q27 Region 123509421G>T	G	GG	+/+
rs2187668	HLA-DQA1 variant	T	CC	-/-

Clotting Factors

15 variants found 3 3 9

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
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs2227589	SERPINC1 G5301A	T	CC	-/-
rs1523127	NR1I2 C6709A	A	AC	+/-
rs13146272	CYP4V2 Q259K	C	AC	+/-
rs2036914	F11 T10364C	C	TT	-/-
rs2289252	F11 C25264T	C	CC	+/+
rs1801020	F12 T5046C	A	GG	-/-
rs2731672	KNG I598T GP IIIa HPA-1	T	CC	-/-
rs1799963	F2 (Prothrombin 20210A) variant	A	GG	-/-
rs6046	F7 A353G Arg329Gln	A	AG	+/-
rs3211719	F10 113777509 A5397C	A	AA	+/+
rs1800775	CETP C4402A	C	CC	+/+
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs1613662	GP6 Pro219Ser	G	AA	-/-
rs6048	F9 G580A A25386G	G	AA	-/-

Eye Health

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
rs4889294	BCMO1 36464T>C	C	TT	-/-
rs7501331	BCMO1 A379V Ala379Val	T	TC	+/-

Glyoxylate Metabolic Process

37 variants found 4 21 12

(See Figure 5)

Risk Summary: 4 high risk variants, 21 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs12021720	DBT G384S	T	CC	-/-
rs7079	AGT 17006C>A	T	GG	-/-
rs2478523	AGT 13828T>C	G	AG	+/-
rs2478545	AGT 11216C>T	A	AG	+/-
rs2004776	AGT 6635G>A	C	CC	+/+
rs2493134	AGT 5978A>G	C	TC	+/-
rs2148582	AGT 5538T>C	G	AG	+/-
rs5051	AGT 5465G>A	C	TC	+/-
rs11568020	AGT 5319G>A	T	CC	-/-
rs34116584	AGXT P11R	T	TC	+/-
rs4426527	AGXT I340M	A	AG	+/-
rs2259073	LIAS A19410C	C	AC	+/-
rs1377210	AGXT2L1 S127P	G	AG	+/-
rs16899974	AGXT2 V498L	A	CC	-/-
rs7717823	AGXT2 C35000795T	C	TT	-/-
rs344156	AGXT2 A35035579G	A	AG	+/-
rs37369	AGXT2 V140I	T	CC	-/-
rs28305	AGXT2 C35044298G	C	GG	-/-
rs40200	AGXT2 A35045745G	G	GG	+/+
rs6931421	BCKDHB T68795G	G	TG	+/-
rs10455370	BCKDHB C229524T	T	TC	+/-
rs2057149	DDO C110717493T	C	TC	+/-
rs10263341	DLD T19214C	T	TC	+/-
rs1049748	ABP1 P574P	T	TC	+/-
rs7848919	GLDC C118216T	G	AA	-/-
rs11789777	GLDC A55715G	T	TC	+/-
rs3740015	DHTKD1 Y272D	T	TG	+/-
rs2297644	HOGA1 T20638C	C	TT	-/-
rs497582	PDHX V271V	T	CC	-/-
rs732765	DLST A22136G	G	AA	-/-
rs459894	NDUFAB1 A23601488G	G	AA	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs730168	LDHD C75150275T	C	CC	+/+
rs3810174	BCKDHA C5472T	C	TC	+/-
rs2423322	HAO1 A7873112G	G	AG	+/-
rs16994134	HAO1 T7894092C	T	TT	+/+
rs6118004	HAO1 C7897049T	C	TC	+/-
rs2423334	HAO1 T7905947C	T	TC	+/-

HLA

56 variants found 7 23 26
(See Figure 6)

Risk Summary: 7 high risk variants, 23 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2844846	HLA-F-AS1, MICE 4945T>A	T	TT	+/+
rs1632933	HLA-G 8178C>T	T	TC	+/-
rs3823339	HLA-A 7727C>G	G	GC	+/-
rs1061235	HLA-A 8057A>T	T	TA	+/-
rs3893538	HLA-W 915T>C	T	TT	+/+
rs2517701	HLA-W 2462A>T	T	AA	-/-
rs2001181	HLA-C 7911A>G	C	TT	-/-
rs1058026	HLA-B 8305T>G	C	AA	-/-
rs3819299	HLA-B His363Pro	G	TT	-/-
rs2523608	HLA-B 7431C>T	A	AG	+/-
rs3094228	HLA-X 441A>G	C	TT	-/-
rs3135394	HLA-DRA 5055G>A	G	AA	-/-
rs9268645	HLA-DRA 5085C>G	G	CC	-/-
rs3129878	HLA-DRA 5293C>A	A	AC	+/-
rs3129881	HLA-DRA 6041T>C	T	TC	+/-
rs3129882	HLA-DRA 6087A>G	G	AG	+/-
rs3129883	HLA-DRA 6694C>T	T	TC	+/-
rs9268658	HLA-DRA 7273G>A	A	GG	-/-
rs3135391	HLA-DRA 7544G>A	G	AG	+/-
rs8084	HLA-DRA 7592A>C	C	AA	-/-
rs2239804	HLA-DRA 8080T>C	C	TT	-/-
rs7192	HLA-DRA Leu242Val	T	TT	+/+
rs3129888	HLA-DRA 8283A>G	G	AG	+/-
rs2239803	HLA-DRA 8390C>T	T	CC	-/-
rs2239802	HLA-DRA 8403G>C	C	CG	+/-
rs3177928	HLA-DRA 8958G>A	A	GG	-/-
rs1041885	HLA-DRA 9332A>T	A	AT	+/-
rs9268831	HLA-DRB9 7239C>T	T	CC	-/-
rs660895	HLA-DRB1 variant	G	AA	-/-
rs2858331	HLA 4126892A>G	G	AA	-/-
rs9276431	HLA-DQA2 4158042T>C	T	TT	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2239800	HLA-DQA2 4159063A>G	G	AA	-/-
rs7453920	HLA-DQB2 4175809A>G	G	AA	-/-
rs2051549	HLA-DQB2 4175883G>A	G	GG	+/+
rs1573649	HLA-DQB2 Met1Thr	G	GG	+/+
rs11244	HLA-DOB 9102C>T	A	GG	-/-
rs2856997	HLA-DOB 8050G>T	C	AC	+/-
rs2071473	HLA-DOB 7221G>A	C	TC	+/-
rs7383287	HLA-DOB 6740T>C	G	AA	-/-
rs2621326	HLA-DOB 5930C>T	G	AG	+/-
rs2071554	HLA-DOB Arg18Gln	T	CC	-/-
rs2071469	HLA-DOB 5043G>A	C	TC	+/-
rs23544	HLA-DMB 4348055C>T	T	CC	-/-
rs151719	HLA-DMB 4348318T>C	C	TC	+/-
rs3128935	HLA-DOA 9986A>G	T	TT	+/+
rs1044429	HLA-DOA 9748G>A	T	CC	-/-
rs376892	HLA-DOA 9503C>T	G	AA	-/-
rs416622	HLA-DOA 9109A>G	C	TT	-/-
rs9276977	HLA-DOA 8549C>T	A	AG	+/-
rs2581	HLA-DOA 7989C>A	T	TG	+/-
rs399604	HLA-DOA 7376A>G	C	TC	+/-
rs2284191	HLA-DOA 5736C>T	A	AG	+/-
rs86567	HLA-DOA 5631C>A	G	TT	-/-
rs3077	HLA-DPA1 20534T>C	A	AG	+/-
rs2301226	HLA-DPA1 18960C>T	A	GG	-/-
rs9277535	HLA-DPB1 16159A>G	G	AG	+/-

IgA

10 variants found 1 4 5

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

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

IgE

5 variants found 4 1

Risk Summary: 4 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	TC	+/-
rs2040704	RAD50 85562A>G	A	AG	+/-

IgG

2 variants found 2

Quick Navigation: Overview Categories Disclaimer

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

Covid

29 variants found 10 10 9

Risk Summary: 10 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
rs2027432	NLRP3 variant	G	AG	+/-
rs3806265	NLRP3 variant	T	TC	+/-
rs10754557	NLRP3 variant	G	AG	+/-
rs1539019	NLRP3 variant	C	AC	+/-
rs10157379	NLRP3 variant	T	TC	+/-
rs1143634	IL1B variant	G	GG	+/+
rs3136558	IL1B variant	A	AA	+/+
rs1143627	IL1B variant	G	AA	-/-
rs2069827	IL6 variant	T	TG	+/-
rs1800797	IL6 variant	G	AG	+/-
rs2066992	IL6 variant	T	GG	-/-
rs2069849	IL6 variant	C	CC	+/+
rs3918226	NOS3 variant	T	CC	-/-
rs2853792	NOS3 variant	G	AA	-/-
rs3918227	NOS3 variant	C	CC	+/+
rs2853796	NOS3 variant	G	TT	-/-
rs743507	NOS3 variant	C	TT	-/-
rs1360485	HMGB1 variant	T	TT	+/+
rs1412125	HMGB1 variant	T	TT	+/+
rs4145277	HMGB1 variant	T	TT	+/+
rs4932178	FURIN variant	C	CC	+/+
rs17514846	FURIN variant	C	AC	+/-
rs11538758	PRNP V210I	A	CC	-/-
rs1799990	PRNP M129V	G	GG	+/+
rs16990018	PRNP N171S	G	AA	-/-
rs28933385	PRNP E200K	A	GG	-/-
rs2070788	TMPRSS2 variant	A	AG	+/-
rs12329760	TMPRSS2 variant	T	TC	+/-
rs2048683	ACE2 variant	G	GG	+/+

Iron Uptake & Transport

35 variants found 5 8 22

Risk Summary: 5 high risk variants, 8 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	TT	+/+
rs2239484	ATP6V1B1 15411A>G	A	AA	+/+
rs838102	STEAP3 8350G>A	A	AA	+/+
rs960748	CYBRD1 171523426G>A	A	GG	-/-
rs17554	CYBRD1 171546859G>A	A	AG	+/-
rs10455	CYBRD1 Ser208Asn	G	AG	+/-
rs4667287	SLC40A1 190431875C>A	C	AA	-/-
rs1123109	SLC40A1 190444392T>C	C	TC	+/-
rs4428180	TF 6398A>G	G	AA	-/-
rs12493168	TF 6612A>G	G	AA	-/-
rs8177190	TF 7720C>T	T	CC	-/-
rs1799899	TF Gly277Ser	A	GG	-/-
rs3811647	TF 24053G>A	A	GG	-/-
rs1358024	TF 24212C>T	T	CC	-/-
rs1049296	TF Pro589Ser	T	CC	-/-
rs13072552	CP 148913126G>T	T	GG	-/-
rs406271	TFRC 195776976T>C	T	CC	-/-
rs3817672	TFRC Gly142Ser	T	CC	-/-
rs2231164	ABCG2 89015857C>T	T	TC	+/-
rs1481012	ABCG2 89039082A>G	A	AA	+/+
rs2231142	ABCG2 Gln141Lys	T	GG	-/-
rs72552713	ABCG2 Gln126Ter	A	GG	-/-
rs4148155	ABCG2 89054667A>G	G	AA	-/-
rs2622604	ABCG2 89078924T>C	T	CC	-/-
rs1799945	HFE H63D	G	CC	-/-
rs1800562	HFE C282Y	A	GG	-/-
rs2071594	ATP6V1G2-DDX39B,ATP6V1G2 3093G>C	C	GG	-/-
rs149411	SLC11A2 51380232A>G	G	AG	+/-
rs235756	BMP2 C282Y	G	AG	+/-
rs2071748	HMOX1 5559G>A	A	AG	+/-
rs2071749	HMOX1 11354A>G	A	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs5755720	HMOX1 14814A>G	A	AA	+/+
rs1028348	HEPH 6731C>T	T	CC	-/-
rs17216603	HEPH Ala598Thr	A	GG	-/-
rs1264216	HEPH 57825T>G	G	TT	-/-

Liver Detox - Phase I

80 variants found 9 13 58

(See Figure 1)

Risk Summary: 9 high risk variants, 13 moderate risk variants - Consider discussing with healthcare provider

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9341266	CYP1B1 C1871T	A	GG	-/-
rs1800440	CYP1B1 N453S	T	TC	+/-
rs1056836	CYP1B1 L432V	C	CG	+/-
rs9282671	CYP1B1 T241A	A	AA	+/+
rs72549389	CYP1B1 T5795C	G	AA	-/-
rs2855262	SOD3 489 C>T	C	CC	+/+
rs1800730	HFE 193A>T	T	AA	-/-
rs662	PON1 Q192R	T	TT	+/+
rs10264272	CYP3A5*6 G624A	T	CC	-/-
rs776746	CYP3A5*3 G237A	A	CC	-/-
rs4646440	CYP3A4 C608T	A	GG	-/-
rs2242480	CYP3A4*_20239G>A G12A	T	CC	-/-
rs4646437	CYP3A4 C202T	A	GG	-/-
rs2246709	CYP3A4 T258C	G	GG	+/+
rs55785340	CYP3A4*2 S222P	G	AA	-/-
rs55901263	CYP3A4*5 P218R	C	GG	-/-
rs12721627	CYP3A4*16 T185S	G	GG	+/+
rs35599367	CYP3A4 C191T	A	GG	-/-
rs55951658	CYP3A4*4 I118V	C	TT	-/-
rs3091339	CYP3A4*_11460A>G(K96E) K96E	C	TT	-/-
rs56324128	CYP3A4*7 G56D	T	CC	-/-
rs2740574	CYP3A4*1B A392G	C	TT	-/-
rs12248560	CYP2C19*17 C806T	T	CC	-/-
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	-/-
rs4986893	CYP2C19*3 G636A	A	GG	-/-
rs4244285	CYP2C19*2 G681A	A	GG	-/-
rs72558186	CYP2C19*7 T24294A	A	TT	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs12767583	CYP2C19 C5709T	T	CC	-/-
rs4917623	CYP2C19 T106C	C	CC	+/+
rs56337013	CYP2C19*5 C1297T	T	CC	-/-
rs4918758	CYP2C9 T1188C	C	TC	+/-
rs72558187	CYP2C9*13 269T>C	C	TT	-/-
rs1799853	CYP2C9*2 430C>T	T	TC	+/-
rs4086116	CYP2C9 C334T	T	TC	+/-
rs2256871	CYP2C9*9 752A>G	G	AA	-/-
rs4917639	CYP2C9 A6326C	C	AC	+/-
rs10509680	CYP2C9 G2337T	T	GG	-/-
rs28371685	CYP2C9*11 1003C>T	T	CC	-/-
rs1057910	CYP2C9*3 1075A>C	C	AA	-/-
rs1934967	CYP2C9 T2674C	T	CC	-/-
rs1057911	CYP2C9 50298A>T	T	AA	-/-
rs9332239	CYP2C9*12 1465C>T	T	CC	-/-
rs3813867	CYP2E1_-1295G>C G1295C	C	GG	-/-
rs2031920	CYP2E1_-1055C>T G1055T	T	CC	-/-
rs2070672	CYP2E1*7_-352A>G A352G	G	AA	-/-
rs6413420	CYP2E1*7_-71G>T G71T	T	TG	+/-
rs72559710	CYP2E1*2 R76H	C	GG	-/-
rs8192772	CYP2E1 T8845C	C	TT	-/-
rs6413419	CYP2E1*4 A4768G	A	AG	+/-
rs1048943	CYP1A1*2C A4889G	T	TT	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-
rs762551	CYP1A2*1F C164A	C	AC	+/-
rs56276455	CYP1A2*3 D348N	A	GG	-/-
rs2470890	CYP1A2 1545T>C	C	TC	+/-
rs1801272	CYP2A6*2 A1799T	T	AA	-/-
rs8192709	CYP2B6 R22C	T	CC	-/-
rs35303484	CYP2B6 A136G	G	AA	-/-
rs12721655	CYP2B6 K139E	G	AA	-/-
rs3745274	CYP2B6 Q172H	T	GG	-/-
rs36079186	CYP2B6 T20715C	C	TT	-/-
rs2279345	CYP2B6 T23499C	T	TC	+/-
rs28399499	CYP2B6 I328T	C	TT	-/-
rs34097093	CYP2B6 C1132T	T	CC	-/-
rs8192719	CYP2B6 C26570T	T	CC	-/-
rs7260329	CYP2B6 G29435A	G	AG	+/-
rs1042389	CYP2B6 T1421C	C	TT	-/-
rs1135840	CYP2D6*2 S486T	C	GC	+/-
rs59421388	CYP2D6 V287M	T	CC	-/-
rs28371725	CYP2D6*41 2988G>A	T	CC	-/-
rs5030867	CYP2D6*7 2935A>C	G	TT	-/-
rs5030865	CYP2D6*14 1758G>A	A	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs61736512	CYP2D6 G1659A	T	CC	-/-
rs28371706	CYP2D6*17 T107I	A	GG	-/-
rs5030862	CYP2D6*12 124G>A	T	CC	-/-
rs1080985	CYP2D6 G3502C	G	GG	+/+

Liver Detox - Phase II

137 variants found 29 41 67

(See Figure 1)

Risk Summary: 29 high risk variants, 41 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	AA	-/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CC	-/-
rs1801131	MTHFR A1298C	G	TT	-/-
rs1801133	MTHFR C677T	A	AA	+/+
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	CC	-/-
rs2239892	GSTM1 8869A>G	G	AG	+/-
rs7483	GSTM3 V224I	T	TC	+/-
rs699	AGT M235T/C4072T	A	AG	+/-
rs823162	DISC1 C14853T	C	TT	-/-
rs4353135	NLRP3 247617036G>T	T	TG	+/-
rs6430764	HNMT C3616T	T	TT	+/+
rs17583889	HNMT C29232A	A	CC	-/-
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-
rs2241165	GAD1 (GAD) C10180T	T	TC	+/-
rs3828275	GAD1 (GAD) C14541T	T	CC	-/-
rs2241164	GAD1 (GAD) C18360T	C	TC	+/-
rs701492	GAD1 (GAD) C34281T	C	TC	+/-
rs3791850	GAD1 (GAD) G39901A	G	AG	+/-
rs769395	GAD1 (GAD) A48604A	A	AG	+/-
rs887829	UGT1A1 C175181T	T	TC	+/-
rs4148323	UGT1A1 G211A	A	GG	-/-
rs72551341	UGT1A1 L175G	A	TT	-/-
rs6742078	UGT1A1 G179250T	T	TG	+/-
rs4148325	UGT1A1 C179920T	T	TC	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs62625011	UGT1A1 G182349A	A	GG	-/-
rs72551348	UGT1A1 G328A	G	AA	-/-
rs72551351	UGT1A1 G354A	G	AA	-/-
rs6717546	UGT1A1 A188730G	G	AG	+/-
rs901865	HRH1 T-17C	T	TT	+/+
rs346070	HRH1 T*1687C	T	TT	+/+
rs4961	ADD1 G460W	T	GG	-/-
rs27072	SLC6A3 G56022A	T	CC	-/-
rs40184	SLC6A3 G55467A	C	TC	+/-
rs6347	SLC6A3 A39132G	T	TC	+/-
rs27048	SLC6A3 G37899A	T	TC	+/-
rs464049	SLC6A3 T26639C	A	AA	+/+
rs460000	SLC6A3 C17719T	T	GG	-/-
rs403636	SLC6A3 T12190G	A	AC	+/-
rs2617605	SLC6A3 A8023G	C	TT	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs8177412	GPX3 129T>C	T	TC	+/-
rs2619522	DTNBP1 T14623G	A	AC	+/-
rs2794719	HFE 6382T>G	T	GG	-/-
rs9366637	HFE 6590C>T	T	CC	-/-
rs1799945	HFE H63D	G	CC	-/-
rs2071303	HFE 8828T>C	C	TT	-/-
rs1800562	HFE C282Y	A	GG	-/-
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	AA	+/+
rs1208	NAT2 K268R	G	AA	-/-
rs1799931	NAT2 G286E	A	GG	-/-
rs2551715	GSR A43851G	C	CC	+/+
rs6994992	NRG1 C3314T	T	TC	+/-
rs7820268	IDO1 C6202T	T	TC	+/-
rs11545078	GGH C17847T	A	AG	+/-
rs3780127	GGH C15472T	A	AG	+/-
rs4617146	GGH G13894A	T	CC	-/-
rs3780126	GGH C6699T	A	GG	-/-
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+
rs1538311	ADK G509567T	T	TT	+/+
rs480575	CAT A12175G	G	AG	+/-
rs2300181	CAT C21068T	T	CC	-/-
rs1695	GSTP1 I105V	A	AA	+/+
rs1138272	GSTP1 A114V	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3741049	ACAT1 G22670A	A	AG	+/-
rs1544410	VDR VDR:BsmI	T	TC	+/-
rs2070586	DAO G8864A	G	GG	+/+
rs2070587	DAO T887G	G	TT	-/-
rs2111902	DAO T9891G	T	TT	+/+
rs3918347	DAO A24464G	G	AA	-/-
rs7134594	MMAB G16110A	C	TC	+/-
rs7997012	HTR2A T64185C	A	GG	-/-
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	AG	+/-
rs2242446	SLC6A2 C5884T	T	TT	+/+
rs36020	SLC6A2 C28547T	T	TC	+/-
rs3785152	SLC6A2 T32009C	T	CC	-/-
rs40147	SLC6A2 G32299A	G	GG	+/+
rs3785157	SLC6A2 C45295T	T	TT	+/+
rs5568	SLC6A2 A45583C	C	AA	-/-
rs36009	SLC6A2 C48079T	T	CC	-/-
rs1800887	SLC6A2 T49048C	T	TT	+/+
rs2242447	SLC6A2 C51371T	T	TT	+/+
rs10517	NQO1 C494+	A	AG	+/-
rs1800566	NQO1 C609T	A	GG	-/-
rs689453	NQO1 G13161A	T	CC	-/-
rs689452	NQO1 G13070C	C	CG	+/-
rs1437135	NQO1 T7706C	G	AA	-/-
rs12150220	NLRP1 7466T>A	T	TT	+/+
rs2759	MPO A15191G	C	TT	-/-
rs2071409	MPO A15067C	T	TT	+/+
rs28730837	MPO C7900T	A	AG	+/-
rs4343	ACE G2328A	G	AG	+/-
rs16940765	HRH4 T3537649C	C	TC	+/-
rs11662595	HRH4 A617G	G	AA	-/-
rs1421125	HRH4 G*385T	T	TG	+/-
rs4800573	HRH4 G*2144A	A	GG	-/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs2910393	SULT2A1 A13527G	T	TT	+/+
rs4149449	SULT2A1 G9696A	T	TC	+/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs492602	FUT2 A12190G	G	AA	-/-
rs281377	FUT2 C12376T	T	TT	+/+
rs1047781	FUT2 A12404T	T	AA	-/-
rs601338	FUT2 G12447A	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs602662	FUT2 G12758A	A	GG	-/-
rs235756	BMP2 C282Y	G	AG	+/-
rs11555566	ADA A239G	C	TT	-/-
rs447833	ADA G22021A	T	TC	+/-
rs452159	ADA C14275A	T	TG	+/-
rs737866	COMT/TXNRD2 A4251G	C	CC	+/+
rs737865	COMT/TXNRD2 T4239C	G	GG	+/+
rs5760485	GGT1 T11756C	T	CC	-/-
rs4820599	GGT1/FAM211B A15496G	G	GG	+/+
rs6519519	GGT1 C17146T	T	TT	+/+
rs5751901	GGT1 T17549C	T	CC	-/-
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

92 variants found 21 22 49

(See Figure 2)

Risk Summary: 21 high risk variants, 22 moderate risk variants - Consider discussing with healthcare provider

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4846048	MTHFR C24909T	G	AA	-/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CC	-/-
rs1801131	MTHFR A1298C	G	TT	-/-
rs1801133	MTHFR C677T	A	AA	+/+
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	CC	-/-
rs10889869	CTH G6010A	A	GG	-/-
rs681475	CTH T8763C	C	TC	+/-
rs1145920	CTH A11886G	A	AG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs1021737	CTH S4031I	T	GG	-/-
rs7526063	MTR C18418T	T	CC	-/-
rs2789352	MTR A50417C	A	CC	-/-
rs2275568	MTR C62048T	T	TC	+/-
rs1770449	MTR T84581C	C	TT	-/-
rs10925257	MTR A92580G	G	AG	+/-
rs1805087	MTR A2756G	G	AG	+/-
rs2275565	MTR G95096T	T	TG	+/-
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	-/-
rs2028900	MAT2A C6635T	C	TC	+/-
rs1801394	MTRR A66G	G	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3776467	MTRR G12099A	G	AG	+/-
rs1532268	MTRR C524T	T	CC	-/-
rs7703033	MTRR G15734A	A	GG	-/-
rs162031	MTRR T16071C	T	TT	+/+
rs162036	MTRR K350A	G	AA	-/-
rs2287779	MTRR G1155A	A	AG	+/-
rs2287780	MTRR R415T	T	TC	+/-
rs162049	MTRR G28905A	G	GG	+/+
rs3776455	MTRR C32295T	T	CC	-/-
rs10380	MTRR H595Y	T	CC	-/-
rs1802059	MTRR -11 A664A	A	GG	-/-
rs9332	MTRR G*541A	A	GG	-/-
rs479405	DMGDH G67591T	C	AA	-/-
rs2253262	DMGDH T372G	A	CC	-/-
rs16876512	BHMT C-448T	T	CC	-/-
rs6875201	BHMT A7961G	G	AA	-/-
rs567754	BHMT-02 C13813T	T	TT	+/+
rs3733890	BHMT R239Q	A	GG	-/-
rs617219	BHMT-04 A26991C	C	CC	+/+
rs1650697	DHFR/MSH T-473A	A	GG	-/-
rs4869089	MAT2B A7755681G	G	AG	+/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TC	+/-
rs803422	MTHFD1L A33780G	A	AA	+/+
rs1800779	NOS3 G6797A	A	AA	+/+
rs2070744	NOS3 T786C	T	TT	+/+
rs7830	NOS3 G10T	T	TT	+/+
rs1985908	MAT1A T*1297C	G	AA	-/-
rs2993763	MAT1A C1131T	A	GG	-/-
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	-/-
rs2293054	NOS1 T2202C	A	GG	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TC	+/-
rs7946	PEMT G634A	T	TT	+/+
rs4244593	PEMT T17023592G	T	TG	+/-
rs9909104	SHMT1 A23836G	T	TC	+/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2297518	NOS2 C1823T	A	AG	+/-
rs502396	TYMS C6633T	C	CC	+/+
rs17851582	GAMT C9110T	G	GG	+/+
rs2273684	GSS A18836C	T	TG	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	C	CC	+/+
rs6088659	GSS A5997G	T	CC	-/-
rs706209	CBS C*351T	A	GG	-/-
rs706208	CBS T*330C	A	AA	+/+
rs12613	CBS G*299A	T	CC	-/-
rs1801181	CBS A360A	A	GG	-/-
rs4920037	CBS C19150T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs2851391	CBS A13637G	T	TT	+/+
rs9606756	TCN2 A8700G	G	AA	-/-
rs1801198	TCN2 C766G	G	GC	+/-

Mitochondrial Function

27 variants found 4 10 13

(See Figure 12)

Risk Summary: 4 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
rs2028900	MAT2A C6635T	C	TC	+/-
rs1801394	MTRR A66G	G	AG	+/-
rs3776467	MTRR G12099A	G	AG	+/-
rs1532268	MTRR C524T	T	CC	-/-
rs7703033	MTRR G15734A	A	GG	-/-
rs162031	MTRR T16071C	T	TT	+/+
rs162036	MTRR K350A	G	AA	-/-
rs2287779	MTRR G1155A	A	AG	+/-
rs2287780	MTRR R415T	T	TC	+/-
rs162049	MTRR G28905A	G	GG	+/+
rs3776455	MTRR C32295T	T	CC	-/-
rs10380	MTRR H595Y	T	CC	-/-
rs1802059	MTRR -11 A664A	A	GG	-/-
rs9332	MTRR G*541A	A	GG	-/-
rs4869089	MAT2B A7755681G	G	AG	+/-
rs2758331	SOD2 406+816G>T	A	AA	+/+
rs4880	SOD2 V16A	A	GG	-/-
rs1244422	ATP5c1 variant	C	TC	+/-
rs1985908	MAT1A T*1297C	G	AA	-/-
rs2993763	MAT1A C1131T	A	GG	-/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs4934028	MAT1A C15656T	A	GG	-/-
rs4147776	NDUFS8 variant	C	AA	-/-
rs2075626	NDUFS8 variant	T	TC	+/-
rs6497563	UQCRC2 variant	T	TT	+/+
rs1142530	NDUFS7 variant	T	TC	+/-
rs11666067	NDUFS7 variant	A	AC	+/-

Molybdenum

36 variants found 4 8 24

Risk Summary: 4 high risk variants, 8 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	AG	+/-
rs291592	DPYD 97543764C>T	T	TC	+/-
rs1801268	DPYD Val995Phe	A	CC	-/-
rs67376798	DPYD Asp949Val	A	TT	-/-
rs1399291	DPYD 97576922C>T	T	TC	+/-
rs11587873	DPYD 97653070C>T	T	CC	-/-
rs12137711	DPYD 97700589C>T	T	CC	-/-
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	-/-
rs1801266	DPYD Arg235Trp	A	GG	-/-
rs1801265	DPYD Cys29Arg	A	AG	+/-
rs207444	XDH 31563797A>G	A	GG	-/-
rs1884725	XDH 31571786A>G	A	AG	+/-
rs1429376	XDH 31588561A>C	A	AC	+/-
rs17011368	XDH Ile703Val	C	TT	-/-
rs17323225	XDH Ile646Val	C	TT	-/-
rs185925	XDH 31609993G>A	G	AA	-/-
rs2073316	XDH 31611029G>A	A	AA	+/+
rs206811	XDH 31636915A>G	A	GG	-/-
rs4717865	ELN 16773G>A	A	AA	+/+
rs2071307	ELN Gly422Ser	G	GG	+/+
rs2856728	ELN 33356C>T	T	TT	+/+
rs2528795	ELN 36068T>C	C	TT	-/-
rs41511151	ELN Gly711Asp	A	GG	-/-
rs1049564	PNP Gly51Ser	G	AA	-/-
rs8020095	GPHN 484734G>A	A	GG	-/-
rs723744	TTR 5747G>T	T	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs76992529	TTR Val142Ile	A	GG	-/-
rs7269297	MOCS3 Ser429Ala	G	TT	-/-
rs1801475	KCNQ2 Asn752Thr	T	TG	+/-
rs2297385	KCNQ2 62070966G>A	A	GG	-/-

Neurotransmitter Pathway: Serotonin & Dopamine

144 variants found 29 50 65

(See Figure 3)

Risk Summary: 29 high risk variants, 50 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9828046	DRD3 C44637T	A	GG	-/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs963468	DRD3 C40013T	A	AG	+/-
rs3773678	DRD3 T32822C	G	GG	+/+
rs167771	DRD3 C26625T	A	AA	+/+
rs324029	DRD3 T21277C	A	GG	-/-
rs1486009	DRD3 T14368C	A	AA	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs9825563	DRD3 T2680C	A	AG	+/-
rs1394016	DRD3 G20405035A	G	AG	+/-
rs27072	SLC6A3 G56022A	T	CC	-/-
rs40184	SLC6A3 G55467A	C	TC	+/-
rs6347	SLC6A3 A39132G	T	TC	+/-
rs27048	SLC6A3 `	T	TC	+/-
rs464049	SLC6A3 T26639C	A	AA	+/+
rs460000	SLC6A3 C17719T	T	GG	-/-
rs403636	SLC6A3 T12190G	A	AC	+/-
rs2617605	SLC6A3 A8023G	C	TT	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs251937	DRD1 A9244G	C	TT	-/-
rs686	DRD1 C7464T	A	AG	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs265981	DRD1 T5262C	A	AG	+/-
rs2167364	DDC T155196C	T	TT	+/+
rs1451375	DDC G15443T	A	AC	+/-
rs1800779	NOS3 G6797A	A	AA	+/+
rs2070744	NOS3 T786C	T	TT	+/+
rs7830	NOS3 G10T	T	TT	+/+
rs1611114	DBH C3719T	T	TT	+/+
rs1611115	DBH variant	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3025382	DBH G5837A	A	GG	-/-
rs2007153	DBH T7335C	T	CC	-/-
rs1108580	DBH A486G	A	AG	+/-
rs1108581	DBH A8757G	G	AA	-/-
rs2873804	DBH T9160C	T	TT	+/+
rs5320	DBH G631A	A	GG	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs4531	DBH G952T	T	GG	-/-
rs1541332	DBH G15032A	A	AA	+/+
rs2519154	DBH T15791C	C	TC	+/-
rs2283123	DBH C18813T	T	CC	-/-
rs77905	DBH A1410G	A	AG	+/-
rs2097628	DBH T2145C	A	AG	+/-
rs129882	DBH C27185T	T	TC	+/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs9804190	ANK3 G658454A	C	TC	+/-
rs10761482	ANK3 T62085337C	C	TC	+/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs3758653	DRD4 T4095C	C	TT	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs11246226	DRD4 C8887A	A	AA	+/+
rs2070762	TH T1090C	G	AG	+/-
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	AG	+/-
rs6356	TH V112M	T	CC	-/-
rs1800497	ANKK1 E713K	A	GG	-/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs2242592	DRD2 C71572T	G	AG	+/-
rs6275	DRD2 T852C	A	AG	+/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs2734838	DRD2 T64501C	G	GG	+/+
rs1079597	DRD2 G54716A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs4620755	DRD2 C41383T	A	GG	-/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs4245146	DRD2 A33029G	C	TC	+/-
rs7131056	DRD2 T21228G	A	AC	+/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs12364283	DRD2 T4047C	G	AA	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1006737	CACNA1C G115699A	A	AA	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1801153	PAH G*187A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs2245360	PAH C81837T	A	AA	+/+
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030853	PAH A300S	A	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs1042503	PAH G735A	T	CC	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs1722392	PAH G37636A	T	TT	+/+
rs10860936	PAH A33429G	C	TT	-/-
rs10778209	PAH T32409C	A	AG	+/-
rs62507347	PAH A27743C	C	TT	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs2293054	NOS1 T2202C	A	GG	-/-
rs10483639	GCH1 G55306457C	C	CG	+/-
rs2878168	GCH1 C53758T	A	AG	+/-
rs3783637	GCH1 G26425A	C	CC	+/+
rs8004018	GCH1 T23847C	G	AA	-/-
rs3783641	GCH1 A14404T	A	AT	+/-
rs3783642	GCH1 A14340G	T	TC	+/-
rs8007267	GCH1 C36378991T	C	TC	+/-
rs168924	SLC6A2 A5003G	G	AG	+/-
rs2242446	SLC6A2 C5884T	T	TT	+/+
rs36020	SLC6A2 C28547T	T	TC	+/-
rs3785152	SLC6A2 T32009C	T	CC	-/-
rs40147	SLC6A2 G32299A	G	GG	+/+
rs3785157	SLC6A2 C45295T	T	TT	+/+
rs5568	SLC6A2 A45583C	C	AA	-/-
rs36009	SLC6A2 C48079T	T	CC	-/-
rs1800887	SLC6A2 T49048C	T	TT	+/+
rs2242447	SLC6A2 C51371T	T	TT	+/+
rs7946	PEMT G634A	T	TT	+/+
rs4244593	PEMT T17023592G	T	TG	+/-
rs2297518	NOS2 C1823T	A	AG	+/-
rs876493	PNMT G-184A	A	GG	-/-
rs11077820	AANAT C10236T	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs933271	COMT A2953G	T	TT	+/+
rs1544325	COMT A7406G	A	GG	-/-
rs5993883	COMT T13376G	T	GG	-/-
rs4646312	COMT T24075C	C	TC	+/-
rs165656	COMT G24601C	C	CG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs4633	COMT H62H	T	TC	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs4680	COMT V158M	A	AG	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs174699	COMT C30196T	C	TT	-/-
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AG	+/-
rs5953210	MAOA G3638A	G	AG	+/-
rs5906957	MAOA A36902G	G	GG	+/+
rs909525	MAOA C42794T	C	TC	+/-
rs6323	MAOA R297R/G492T/T941G	G	TG	+/-
rs2235186	MAOA A85020G	A	AG	+/-
rs1137070	MAOA T1011C/1460C	T	TC	+/-
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AG	+/-
rs6651806	MAOB T57758G	A	AC	+/-

Other Immune Factors

15 variants found 2 4 9

Risk Summary: 2 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
rs10210302	ATG16L1 C234158839T	C	TC	+/-
rs6822844	4q27 Region 123509421G>T	G	GG	+/+
rs479405	DMGDH G67591T	C	AA	-/-
rs2253262	DMGDH T372G	A	CC	-/-
rs2069812	IL5 A131879916G	G	AG	+/-
rs20541	IL-13 variant	A	AG	+/-
rs1800629	TNF -308 variant	A	GG	-/-
rs361525	TNF -238 variant	A	GG	-/-
rs660895	HLA-DRB1 variant	G	AA	-/-
rs28940879	TYR (MeFV) V726A variant	A	GG	-/-
rs28940578	MeFV M694I variant	T	CC	-/-
rs11466023	MeFV P369S variant	A	AG	+/-
rs1801275	IL4R Q576R variant	G	AA	-/-
rs7216389	GSDMB variant	T	CC	-/-
rs17851582	GAMT C9110T	G	GG	+/+

Pentose Phosphate Pathway

28 variants found 10 7 11

(See Figure 10)

Risk Summary: 10 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
rs2268169	H6PD G9321241A	A	AA	+/+
rs6688832	H6PD G9323910A	G	GG	+/+
rs9434742	H6PD Y673Y	T	CC	-/-
rs855315	PGM1 A64069612G	G	AA	-/-
rs2269260	PGM1 G64085337A	A	AG	+/-
rs2269241	PGM1 T64108771C	G	TT	-/-
rs4643	PGM1 A64125439C	C	AA	-/-
rs6702820	DDR2 A162603881G	G	AG	+/-
rs10494373	DDR2 A162619362C	C	AA	-/-
rs10799854	DDR2 C162619828T	T	TT	+/+
rs12044481	DDR2 G162635875A	A	GG	-/-
rs7553831	DDR2 T162661011G	G	TG	+/-
rs4559477	DDR2 T162681151G	T	GG	-/-
rs1780007	DDR2 A162748025C	C	CC	+/+
rs4666014	RBKS G28019175A	G	GG	+/+
rs4666020	RBKS G28046028A	A	GG	-/-
rs1650697	DHFR/MSH T-473A	A	GG	-/-
rs7768030	PHACTR1 12822973A>C	A	AA	+/+
rs9369640	PHACTR1 12901441C>A	C	AC	+/-
rs9349379	PHACTR1 12903957A>G	G	AG	+/-
rs4715166	PHACTR1 13216058A>G	G	GG	+/+
rs202072	PHACTR1 13268211A>G	A	GG	-/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TC	+/-
rs803422	MTHFD1L A33780G	A	AA	+/+
rs4129219	FBP1 T97390288C	C	TC	+/-
rs11246300	TALDO1 C749776T	T	CC	-/-
rs7062536	PRPS2 G12839152A	G	GG	+/+

Thiamin/Thiamine Degradation

53 variants found 4 22 27

(See Figure 11)

Risk Summary: 4 high risk variants, 22 moderate risk variants - Consider discussing with healthcare provider

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4646487	CYP4B1 R173W	T	CC	-/-
rs2297810	CYP4B1 M332I	A	GG	-/-
rs2297809	CYP4B1 R376C	T	CC	-/-
rs6656822	SLC19A2 A23663G	T	CC	-/-
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-
rs2241165	GAD1 (GAD) C10180T	T	TC	+/-
rs3828275	GAD1 (GAD) C14541T	T	CC	-/-
rs2241164	GAD1 (GAD) C18360T	C	TC	+/-
rs701492	GAD1 (GAD) C34281T	C	TC	+/-
rs3791850	GAD1 (GAD) G39901A	G	AG	+/-
rs769395	GAD1 (GAD) A48604A	A	AG	+/-
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	T	TC	+/-
rs4687718	TKT A53282303G	A	GG	-/-
rs2066786	RFC1 P848P	C	TC	+/-
rs6844176	RFC1 T39366590C	C	TC	+/-
rs6851075	RFC1 T39367654C	C	TC	+/-
rs969356	TPK1 C364824T	G	AG	+/-
rs12009	HSPA5 (GRP78) C11364T	A	GG	-/-
rs2236418	GAD2 (GAD) A26505496G	A	AG	+/-
rs8190612	GAD2 (GAD) C26512375T	T	CC	-/-
rs8190646	GAD2 (GAD) A26520507G	G	AA	-/-
rs1330581	GAD2 (GAD) A26528835G	A	AG	+/-
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+
rs480575	CAT A12175G	G	AG	+/-
rs2300181	CAT C21068T	T	CC	-/-
rs7320729	ATP8A2 (ATP) T7044148C	T	TT	+/+
rs6491066	ATP8A2 (ATP) F561F	T	TC	+/-
rs3117849	ATP8A2 (ATP) G7279179A	A	GG	-/-
rs3783139	ATP8A2 (ATP) T7520642C	C	TT	-/-
rs912514	ATP8A2 (ATP) C7524369T	C	TC	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs975508	ATP8A2 (ATP) A7545586G	A	AG	+/-
rs2156310	TFF1 G781047A	A	GG	-/-
rs12613	CBS G*299A	T	CC	-/-
rs1051298	SLC19A1 C32560T	A	AG	+/-
rs1051296	SLC19A1 T32525G	C	AC	+/-
rs3788190	SLC19A1 C30428T	A	GG	-/-
rs2838956	SLC19A1 T22362C	A	AA	+/+
rs4818789	SLC19A1 C18559A	G	TT	-/-
rs12659	SLC19A1 P192P	A	GG	-/-
rs914232	SLC19A1 A14636G	T	CC	-/-
rs1051266	SLC19A1 H27R	T	CC	-/-
rs766420	TKTL1 C35378G	G	GC	+/-
rs766419	TKTL1 A35635G	G	AG	+/-
rs2872817	TKTL1 A39392G	G	AG	+/-
rs72554664	G6PD R493H	T	CC	-/-
rs2230037	G6PD T438T	G	GG	+/+
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	-/-

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MTHFRSupport Genetic

Thyroid

5 variants found 3 2

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
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs10984009	FOXE1 8124G>A	A	AG	+/-
rs4889294	BCMO1 36464T>C	C	TT	-/-
rs7501331	BCMO1 A379V Ala379Val	T	TC	+/-
rs1800458	TTR Gly26Ser	A	GG	-/-

Trans-Sulfuration Pathway

22 variants found 4 9 9

(See Figure 8)

Risk Summary: 4 high risk variants, 9 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	TC	+/-
rs1145920	CTH A11886G	A	AG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs1021737	CTH S4031I	T	GG	-/-
rs2272306	CSAD C25411T	A	GG	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TC	+/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs2910393	SULT2A1 A13527G	T	TT	+/+
rs4149449	SULT2A1 G9696A	T	TC	+/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs2273684	GSS A18836C	T	TG	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	C	CC	+/+
rs6088659	GSS A5997G	T	CC	-/-
rs706209	CBS C*351T	A	GG	-/-
rs706208	CBS T*330C	A	AA	+/+
rs1801181	CBS A360A	A	GG	-/-
rs4920037	CBS C19150T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs2851391	CBS A13637G	T	TT	+/+

Yeast/Alcohol Metabolism

9 variants found 3 6
(See Figure 7)

Risk Summary: 3 high 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	+/+
rs4648328	ALDH2 C23443T	T	CC	-/-
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	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-

Castor Oil

8 variants found 3 3 2

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
rs516243	CASZ1 A10750432G	A	AA	+/+
rs6665776	PTGER3 G90650T	A	CC	-/-
rs3176860	VCAM1 A71159137G	A	AG	+/-
rs3176879	VCAM1 G71175745A	G	AA	-/-
rs4790353	PAFAH1B1 G2578648T	T	TG	+/-
rs224534	TRPV1 T469I	A	AA	+/+
rs2071409	MPO A15067C	T	TT	+/+
rs28730837	MPO C7900T	A	AG	+/-

Sodium Deoxycholate

10 variants found 2 1 7

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
rs11688	JUN c.750G/A	T	CC	-/-
rs3729931	RAF1 G12626516A	G	AG	+/-
rs2293347	EGFR D994D	C	CC	+/+
rs6951030	STX1A T73133241G,	T	TT	+/+
rs121909011	CTFR R334W	T	CC	-/-
rs113993959	CFTR G542X	T	GG	-/-
rs121909005	CTFR G1647T	G	TT	-/-
rs121908760	CFTR C2125T	T	CC	-/-
rs121908810	CTFR C2290T	T	CC	-/-
rs121908797	CTFR C2988G	A	GG	-/-

Potassium Chloride

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
rs1058184	KCNA3 T*232G	C	CC	+/+
rs28933382	KCNA1 P244H	A	CC	-/-

Polysorbate 20

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
rs5275	PTGS2 A186649221G	A	AG	+/-
rs3816873	MTTP I28T	C	TC	+/-

Gentamicin Sulfate

1 variants found 1

Quick Navigation: Overview Categories Disclaimer

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

Formaldehyde

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
rs1800896	IL10 T206946897C	C	TC	+/-
rs2069762	IL2 T4671G	A	AC	+/-

Acetone

4 variants found 4

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs258751	NR3C1 C3843271A	A	GG	-/-
rs1064422	IGLL1/14.1 P142L	A	GG	-/-
rs140174	IGLL1/14.1 T4513C	G	AA	-/-
rs2071747	HMOX1 A7H	C	GG	-/-

Sorbitol

16 variants found 4 5 7

Risk Summary: 4 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
rs16944	IL1B C-511T	G	GG	+/+
rs322351	DUSP1 G*892A	C	TC	+/-
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	TG	+/-
rs6214	IGF1 G85810A	C	CC	+/+
rs671	ALDH2 G1369A	A	GG	-/-
rs861539	XRCC3 T241M	G	AG	+/-
rs11636774	SORD A45317915C	C	AA	-/-
rs8043226	SORD G45321593A	A	GG	-/-
rs25487	XRCC1 G399A	T	TC	+/-
rs25489	XRCC1 A280H	C	CC	+/+
rs1799782	XRCC1 A194T	A	GG	-/-
rs50871	ERCC2/XPD G16331T	A	AC	+/-

Lactose

7 variants found 3 4

Risk Summary: 3 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	+/+
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

2 variants found 2

Quick Navigation: Overview Categories Disclaimer

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

A-Tocopheryl Hydrogen Succinate

6 variants found 1 4 1

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
rs1376877	ABI2 C204272090T	C	TC	+/-
rs1800067	ERCC4 R415Q	G	AG	+/-
rs1799801	ERCC4 S835S	C	TC	+/-
rs3212986	ERCC1 G540K	A	CC	-/-
rs11615	ERCC1 N118N	A	AA	+/+
rs380417	APP .T27272159C	C	TC	+/-

Amphotericin B

5 variants found 5

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	-/-
rs1042173	SLC6A4 A28525011C	C	AA	-/-
rs2066713	SLC6A4 G28551665A	G	AA	-/-

Plasdone C

1 variants found 1

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1341239	PRL T3879G	T	CC	-/-

Magnesium Stearate

8 variants found 1 2 5

Risk Summary: 1 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
rs72551314	CYP27a1 G159null	T	CC	-/-
rs72551322	CYP27a1 A479G	T	CC	-/-
rs11914	IFNGR1 S359S	C	AA	-/-
rs3799488	IFNGR1 A25788G	C	TC	+/-
rs1327474	IFNGR1 -611G>A	C	TC	+/-
rs11868035	SREBF1 C*835T	A	GG	-/-
rs9902941	SREBF1/SREBP G11566A	T	TT	+/+
rs1889018	SREBF1/SREBP C10586T	G	AA	-/-

Benzethonium Chloride

5 variants found 1 1 3

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
rs2767	CHRND A233400074G	A	GG	-/-
rs237875	CTSL1 A8782406G	A	GG	-/-
rs6494223	CHRFAM7A/CHRNA7 C78732T	T	TC	+/-
rs1909884	CHRFAM7A/CHRNA7 G121573A	A	AA	+/+
rs3825932	CTSH A6975G	T	CC	-/-

Ovalbumin

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
rs6742078	UGT1A1 G179250T	T	TG	+/-
rs1799852	TF Leu247Leu	T	CC	-/-
rs2230199	C3 R102G	G	GG	+/+

Polysorbate 80

14 variants found 2 2 10

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
rs1129055	CD86 A228T	A	AG	+/-
rs4646440	CYP3A4 C608T	A	GG	-/-
rs4646437	CYP3A4 C202T	A	GG	-/-
rs2246709	CYP3A4 T258C	G	GG	+/+
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	-/-
rs2289681	GFAP A286A	T	CC	-/-
rs5491	ICAM1 L56M	T	AA	-/-
rs5498	ICAM1 L469G	G	AG	+/-

Sodium Chloride

5 variants found 3 2

Risk Summary: 3 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
rs7636	ACHE P477P	G	GG	+/+
rs2227692	SERPINE1 C38812087T	T	TC	+/-
rs7242	SERPINE1 T16067G	G	TG	+/-
rs357564	PTCH1 P1164L	G	GG	+/+
rs2236405	PTCH1 T1044S	T	TT	+/+

Dextrose

10 variants found 3 4 3

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
rs734312	WFS1 A611H	G	AG	+/-
rs6897932	IL7 T23148959C	C	CC	+/+
rs3812316	MLXIPL or MLX G24H	C	GC	+/-
rs2167270	LEP G127881349A	A	AG	+/-
rs5215	KCNJ11 V250I	T	TT	+/+
rs5219	KCNJ11 L23G	T	CC	-/-
rs1405655	NR1H2 T50882619C	C	CC	+/+
rs1051295	KCNB1 T*615C	G	AA	-/-
rs756529	KCNB1 G18207100A	G	AA	-/-
rs2899292	LGALS1/GAL1 C54T	G	AG	+/-

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

10 variants found 2 3 5

Risk Summary: 2 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
rs1449683	FGF2 S52S	T	CC	-/-
rs1048201	FGF2/NUDT6 A209G	C	CC	+/+
rs3025039	VEGFA C936T	T	CC	-/-
rs10434	VEGFA A*913G	G	AG	+/-
rs706118	BAG1 A13581C	T	TG	+/-
rs962369	BDNF A14186C	C	TT	-/-
rs8373	CNTF/ZFP91 S207G	G	AA	-/-
rs1800169	CNTF/ZFP91 1845-6G>A	G	GG	+/+
rs3178250	BMP2 T*465C	C	TT	-/-
rs235756	BMP2 C282Y	G	AG	+/-

Hydrocortisone

17 variants found 2 3 12

Risk Summary: 2 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
rs1490453	NR3C2 G149321346A	A	GG	-/-
rs10264272	CYP3A5*6 G624A	T	CC	-/-
rs776746	CYP3A5*3 G237A	A	CC	-/-
rs28934592	HSD11B2 R208H	A	GG	-/-
rs28934591	HSD11B2 R213C	T	CC	-/-
rs8192709	CYP2B6 R22C	T	CC	-/-
rs35303484	CYP2B6 A136G	G	AA	-/-
rs3745274	CYP2B6 Q172H	T	GG	-/-
rs36079186	CYP2B6 T20715C	C	TT	-/-
rs2279345	CYP2B6 T23499C	T	TC	+/-
rs28399499	CYP2B6 I328T	C	TT	-/-
rs34097093	CYP2B6 C1132T	T	CC	-/-
rs8192719	CYP2B6 C26570T	T	CC	-/-
rs7260329	CYP2B6 G29435A	G	AG	+/-
rs1042389	CYP2B6 T1421C	T	TT	+/+
rs1883832	CD40 T44746982C	T	TC	+/-
rs28931586	CD40 C83A	T	TT	+/+

FD&C Yellow #6 Aluminum Lake Dye

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
rs1041988	CYP3A4 C1431T	G	AA	-/-
rs35979293	CD19 Pro235Pro	T	TG	+/-

Calcium Chloride

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
rs8089	THBS2 A169617726C	C	AC	+/-

Sodium Borate

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
rs17286676	SLC4A9 G139749028A	A	GG	-/-
rs6084312	SLC4A11 T463T	T	CC	-/-
rs3827075	SLC4A11 R161R	T	TT	+/+

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

1 variants found 1

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1800546	ALDOB A150P	G	CC	-/-

Phenol Red

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
rs1265159	POU5F1 G31140047A	A	AG	+/-
rs2273697	ABCC2/MRP2 V417I	A	AG	+/-
rs17222723	ABCC2 V956G	A	TT	-/-
rs34377097	TBXA2R R60L	A	CC	-/-

Nonylphenol Ethoxylate

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
rs2881766	ESR1 T152119119G	T	TT	+/+
rs1048943	CYP1A1*2C A4889G	T	TT	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-
rs762551	CYP1A2*1F C164A	C	AC	+/-
rs56276455	CYP1A2*3 D348N	A	GG	-/-
rs2470890	CYP1A2 1545T>C	C	TC	+/-

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

6 variants found 2 1 3

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
rs6942458	CACNA2D1 T295518C	G	AG	+/-
rs929351	CACNA2D1 A220139C	C	TT	-/-
rs1006737	CACNA1C G115699A	A	AA	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-

Disodium Phosphate

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
rs1051922	IFNB1 Y51Y	G	GG	+/+

Phosphate-Buffered Saline

4 variants found 2 2

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
rs1769259	FBP1 R218K	T	TT	+/+
rs4129219	FBP1 T97390288C	C	TC	+/-
rs1800278	DMD N2912D	T	TT	+/+
rs921896	DMD T32213962C	C	TC	+/-

D-Mannose

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
rs1800450	MBL2 G54A	T	CC	-/-
rs1544410	VDR VDR:BsmI	T	TC	+/-

Sodium Taurodeoxycholate

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
rs2856111	MUC2 T1075747C	C	TT	-/-
rs10902088	MUC2 C1087972T	T	TC	+/-
rs17576	THBS2 Q279R	G	AA	-/-

Human Serum Albumin

1 variants found 1

Quick Navigation: Overview Categories Disclaimer

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4638289	SAA1 A18285774T	A	TT	-/-

Aluminum Sulfate

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
rs557564	TCN1 C59629305T	T	CC	-/-
rs526934	TCN1 G4939288A	A	AA	+/+
rs11231865	PYGM P410P	A	GG	-/-

L-Tyrosine

7 variants found 2 5

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
rs2070762	TH T1090C	G	AG	+/-
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	AG	+/-
rs6356	TH V112M	T	CC	-/-
rs28940881	TYR A5083G	G	AA	-/-
rs1393350	TYR G105007A	A	GG	-/-

⚠ 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