Report Summary

406
Total Variants

6
Categories

5
Pathway Figures

75
High Risk (+/+)

120
Moderate Risk (+/-)

211
Low Risk (-/-)

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COMT Activity

288 variants found 55 82 151

(See Figure 4)

Risk Summary: 55 high risk variants, 82 moderate risk variants - Consider discussing with healthcare provider

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs10889869	CTH G6010A	A	GG	-/-
rs10889869	CTH G6010A	A	GG	-/-
rs10889869	CTH G6010A	A	GG	-/-
rs681475	CTH T8763C	C	TC	+/-
rs681475	CTH T8763C	C	TC	+/-
rs681475	CTH T8763C	C	TC	+/-
rs1145920	CTH A11886G	A	AG	+/-
rs1145920	CTH A11886G	A	AG	+/-
rs1145920	CTH A11886G	A	AG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs1021737	CTH S4031I	T	GG	-/-
rs1021737	CTH S4031I	T	GG	-/-
rs1021737	CTH S4031I	T	GG	-/-
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	-/-
rs9828046	DRD3 C44637T	A	GG	-/-
rs9828046	DRD3 C44637T	A	GG	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9288993	DRD3 T43727C	G	AA	-/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs963468	DRD3 C40013T	A	AG	+/-
rs963468	DRD3 C40013T	A	AG	+/-
rs3773678	DRD3 T32822C	G	GG	+/+
rs3773678	DRD3 T32822C	G	GG	+/+
rs167771	DRD3 C26625T	A	AA	+/+
rs167771	DRD3 C26625T	A	AA	+/+
rs324029	DRD3 T21277C	A	GG	-/-
rs324029	DRD3 T21277C	A	GG	-/-
rs1486009	DRD3 T14368C	A	AA	+/+
rs1486009	DRD3 T14368C	A	AA	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs6280	DRD3 G25A	T	TT	+/+
rs9825563	DRD3 T2680C	A	AG	+/-
rs9825563	DRD3 T2680C	A	AG	+/-
rs1394016	DRD3 G20405035A	G	AG	+/-
rs1394016	DRD3 G20405035A	G	AG	+/-
rs251937	DRD1 A9244G	C	TT	-/-
rs251937	DRD1 A9244G	C	TT	-/-
rs686	DRD1 C7464T	A	AG	+/-
rs686	DRD1 C7464T	A	AG	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs5326	DRD1 G5968A	T	CC	-/-
rs265981	DRD1 T5262C	A	AG	+/-
rs265981	DRD1 T5262C	A	AG	+/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TC	+/-
rs17349743	MTHFD1L T31397C	C	TC	+/-
rs803422	MTHFD1L A33780G	A	AA	+/+
rs803422	MTHFD1L A33780G	A	AA	+/+
rs8089	THBS2 A169617726C	C	AC	+/-
rs1611114	DBH C3719T	T	TT	+/+
rs1611114	DBH C3719T	T	TT	+/+
rs1611115	DBH variant	T	CC	-/-
rs1611115	DBH variant	T	CC	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs2007153	DBH T7335C	T	CC	-/-
rs2007153	DBH T7335C	T	CC	-/-
rs1108580	DBH A486G	A	AG	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1108580	DBH A486G	A	AG	+/-
rs1108581	DBH A8757G	G	AA	-/-
rs1108581	DBH A8757G	G	AA	-/-
rs2873804	DBH T9160C	T	TT	+/+
rs2873804	DBH T9160C	T	TT	+/+
rs5320	DBH G631A	A	GG	-/-
rs5320	DBH G631A	A	GG	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs4531	DBH G952T	T	GG	-/-
rs4531	DBH G952T	T	GG	-/-
rs1541332	DBH G15032A	A	AA	+/+
rs1541332	DBH G15032A	A	AA	+/+
rs2519154	DBH T15791C	C	TC	+/-
rs2519154	DBH T15791C	C	TC	+/-
rs2283123	DBH C18813T	T	CC	-/-
rs2283123	DBH C18813T	T	CC	-/-
rs77905	DBH A1410G	A	AG	+/-
rs77905	DBH A1410G	A	AG	+/-
rs2097628	DBH T2145C	A	AG	+/-
rs2097628	DBH T2145C	A	AG	+/-
rs129882	DBH C27185T	T	TC	+/-
rs129882	DBH C27185T	T	TC	+/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs9804190	ANK3 G658454A	C	TC	+/-
rs9804190	ANK3 G658454A	C	TC	+/-
rs10761482	ANK3 T62085337C	C	TC	+/-
rs10761482	ANK3 T62085337C	C	TC	+/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs3758653	DRD4 T4095C	C	TT	-/-
rs3758653	DRD4 T4095C	C	TT	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs11246226	DRD4 C8887A	A	AA	+/+
rs11246226	DRD4 C8887A	A	AA	+/+
rs2070762	TH T1090C	G	AG	+/-
rs2070762	TH T1090C	G	AG	+/-
rs2070762	TH T1090C	G	AG	+/-
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934580	TH G1010A//R337H	T	CC	-/-
rs28934580	TH G1010A//R337H	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs28934581	TH A733C	G	TT	-/-
rs28934581	TH A733C	G	TT	-/-
rs28934581	TH A733C	G	TT	-/-
rs7483056	TH T7517C	A	AG	+/-
rs7483056	TH T7517C	A	AG	+/-
rs7483056	TH T7517C	A	AG	+/-
rs6356	TH V112M	T	CC	-/-
rs6356	TH V112M	T	CC	-/-
rs6356	TH V112M	T	CC	-/-
rs1799963	F2 (Prothrombin 20210A) variant	A	GG	-/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs2242592	DRD2 C71572T	G	AG	+/-
rs2242592	DRD2 C71572T	G	AG	+/-
rs6275	DRD2 T852C	A	AG	+/-
rs6275	DRD2 T852C	A	AG	+/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs2734838	DRD2 T64501C	G	GG	+/+
rs2734838	DRD2 T64501C	G	GG	+/+
rs1079597	DRD2 G54716A	T	CC	-/-
rs1079597	DRD2 G54716A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs4620755	DRD2 C41383T	A	GG	-/-
rs4620755	DRD2 C41383T	A	GG	-/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs17529477	DRD2 C33935T	A	AG	+/-
rs4245146	DRD2 A33029G	C	TC	+/-
rs4245146	DRD2 A33029G	C	TC	+/-
rs7131056	DRD2 T21228G	A	AC	+/-
rs7131056	DRD2 T21228G	A	AC	+/-

COMT Activity (continued)

(See Figure 4)

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4648317	DRD2 C19470T	A	GG	-/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs1799978	DRD2 A4651G	T	TT	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs12364283	DRD2 T4047C	G	AA	-/-
rs1006737	CACNA1C G115699A	A	AA	+/+
rs1006737	CACNA1C G115699A	A	AA	+/+
rs1006737	CACNA1C G115699A	A	AA	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs2159100	CACNA1C C271442T	T	TT	+/+
rs216013	CACNA1C A2729632G	G	AA	-/-
rs216013	CACNA1C A2729632G	G	AA	-/-
rs216013	CACNA1C A2729632G	G	AA	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs2302729	CACNA1C T709021C	T	CC	-/-
rs1801153	PAH G*187A	T	CC	-/-
rs1801153	PAH G*187A	T	CC	-/-
rs1801153	PAH G*187A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030858	PAH R408W	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs5030857	PAH A403V	A	GG	-/-
rs2245360	PAH C81837T	A	AA	+/+
rs2245360	PAH C81837T	A	AA	+/+
rs2245360	PAH C81837T	A	AA	+/+
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030853	PAH A300S	A	CC	-/-
rs5030853	PAH A300S	A	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1042503	PAH G735A	T	CC	-/-
rs1042503	PAH G735A	T	CC	-/-
rs1042503	PAH G735A	T	CC	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs1722392	PAH G37636A	T	TT	+/+
rs1722392	PAH G37636A	T	TT	+/+
rs1722392	PAH G37636A	T	TT	+/+
rs10860936	PAH A33429G	C	TT	-/-
rs10860936	PAH A33429G	C	TT	-/-
rs10778209	PAH T32409C	A	AG	+/-
rs10778209	PAH T32409C	A	AG	+/-
rs10778209	PAH T32409C	A	AG	+/-
rs62507347	PAH A27743C	C	TT	-/-
rs62507347	PAH A27743C	C	TT	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs5030841	PAH L48S	G	AA	-/-
rs4767939	ALDH2 A7550G	A	AA	+/+
rs4767939	ALDH2 A7550G	A	AA	+/+
rs4767939	ALDH2 A7550G	A	AA	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs2238151	ALDH2 T12488C	T	TT	+/+
rs4648328	ALDH2 C23443T	T	CC	-/-
rs4648328	ALDH2 C23443T	T	CC	-/-
rs4648328	ALDH2 C23443T	T	CC	-/-
rs968529	ALDH2 T35023C	C	CC	+/+
rs968529	ALDH2 T35023C	C	CC	+/+
rs968529	ALDH2 T35023C	C	CC	+/+
rs4646778	ALDH2 C36438A	A	CC	-/-
rs4646778	ALDH2 C36438A	A	CC	-/-
rs4646778	ALDH2 C36438A	A	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs1048943	CYP1A1*2C A4889G	T	TT	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1048943	CYP1A1*2C A4889G	T	TT	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TC	+/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TC	+/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs876493	PNMT G-184A	A	GG	-/-
rs876493	PNMT G-184A	A	GG	-/-
rs1042580	THBD A7681G	C	TT	-/-
rs17576	THBS2 Q279R	G	AA	-/-
rs737866	COMT/TXNRD2 A4251G	C	CC	+/+
rs737865	COMT/TXNRD2 T4239C	G	GG	+/+
rs933271	COMT A2953G	T	TT	+/+
rs933271	COMT A2953G	T	TT	+/+
rs1544325	COMT A7406G	A	GG	-/-
rs1544325	COMT A7406G	A	GG	-/-
rs5993883	COMT T13376G	T	GG	-/-
rs5993883	COMT T13376G	T	GG	-/-
rs4646312	COMT T24075C	C	TC	+/-
rs4646312	COMT T24075C	C	TC	+/-
rs165656	COMT G24601C	C	CG	+/-
rs165656	COMT G24601C	C	CG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs6269	COMT A-1324G	G	AG	+/-
rs4633	COMT H62H	T	TC	+/-
rs4633	COMT H62H	T	TC	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs2239393	COMT A 26166G	G	AG	+/-
rs4680	COMT V158M	A	AG	+/-
rs4680	COMT V158M	A	AG	+/-
rs4680	COMT V158M	A	AG	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs769224	COMT -61 P199P	A	GG	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs4646316	COMT C27870T	T	CC	-/-
rs174699	COMT C30196T	C	TT	-/-
rs174699	COMT C30196T	C	TT	-/-
rs9332377	COMT C31430T	T	CC	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AG	+/-
rs165599	COMT G*522A	A	AG	+/-
rs1799836	MAOB A118723G	C	CC	+/+
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AG	+/-
rs10521432	MAOB C112982T	G	AG	+/-
rs6651806	MAOB T57758G	A	AC	+/-
rs6651806	MAOB T57758G	A	AC	+/-

Eye Health

4 variants found 2 2

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

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs4889294	BCMO1 36464T>C	C	TT	-/-
rs4889294	BCMO1 36464T>C	C	TT	-/-
rs7501331	BCMO1 A379V Ala379Val	T	TC	+/-
rs7501331	BCMO1 A379V Ala379Val	T	TC	+/-

HLA

4 variants found 1 3

(See Figure 6)

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

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs1800629	TNF -308 variant	A	GG	-/-
rs361525	TNF -238 variant	A	GG	-/-
rs4792800	TNFRSF13B variant	G	AA	-/-
rs2048683	ACE2 variant	G	GG	+/+

Methylation & Methionine/Homocysteine Pathways

68 variants found 12 12 44

(See Figure 2)

Risk Summary: 12 high risk variants, 12 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	-/-
rs4846048	MTHFR C24909T	G	AA	-/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CC	-/-
rs1476413	MTHFR G18861A	T	CC	-/-
rs1801131	MTHFR A1298C	G	TT	-/-
rs1801131	MTHFR A1298C	G	TT	-/-
rs1801131	MTHFR A1298C	G	TT	-/-
rs1801133	MTHFR C677T	A	AA	+/+
rs1801133	MTHFR C677T	A	AA	+/+
rs17037390	MTHFR C10318T	G	GG	+/+
rs17037390	MTHFR C10318T	G	GG	+/+
rs17037396	MTHFR C841T	T	CC	-/-
rs17037396	MTHFR C841T	T	CC	-/-
rs17367504	MTHFR A1572G	G	AA	-/-
rs17367504	MTHFR A1572G	G	AA	-/-
rs2066470	MTHFR 03 P39P	A	GG	-/-
rs2066470	MTHFR 03 P39P	A	GG	-/-
rs13306561	MTHFR A4598G	A	AA	+/+
rs13306561	MTHFR A4598G	A	AA	+/+
rs13306560	MTHFR C-137T	T	CC	-/-
rs13306560	MTHFR C-137T	T	CC	-/-
rs3737964	MTHFR A4117C	T	CC	-/-
rs3737964	MTHFR A4117C	T	CC	-/-
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	-/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs11799670	MTR A*153G	G	AA	-/-
rs2853523	MTR A*1254C	A	CC	-/-
rs1050993	MTR A*1361G	A	GG	-/-
rs1801394	MTRR A66G	G	AG	+/-
rs1801394	MTRR A66G	G	AG	+/-
rs3776467	MTRR G12099A	G	AG	+/-
rs3776467	MTRR G12099A	G	AG	+/-
rs1532268	MTRR C524T	T	CC	-/-
rs1532268	MTRR C524T	T	CC	-/-
rs7703033	MTRR G15734A	A	GG	-/-
rs7703033	MTRR G15734A	A	GG	-/-
rs162031	MTRR T16071C	T	TT	+/+
rs162031	MTRR T16071C	T	TT	+/+
rs162036	MTRR K350A	G	AA	-/-
rs162036	MTRR K350A	G	AA	-/-
rs2287779	MTRR G1155A	A	AG	+/-
rs2287779	MTRR G1155A	A	AG	+/-
rs2287780	MTRR R415T	T	TC	+/-
rs2287780	MTRR R415T	T	TC	+/-
rs162049	MTRR G28905A	G	GG	+/+
rs162049	MTRR G28905A	G	GG	+/+
rs3776455	MTRR C32295T	T	CC	-/-
rs3776455	MTRR C32295T	T	CC	-/-
rs10380	MTRR H595Y	T	CC	-/-
rs10380	MTRR H595Y	T	CC	-/-
rs1802059	MTRR -11 A664A	A	GG	-/-
rs1802059	MTRR -11 A664A	A	GG	-/-
rs9332	MTRR G*541A	A	GG	-/-
rs9332	MTRR G*541A	A	GG	-/-
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	+/+

Neurotransmitter Pathway: Glutamate & GABA

28 variants found 3 20 5

(See Figure 9)

Risk Summary: 3 high risk variants, 20 moderate risk variants - Consider discussing with healthcare provider

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SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-
rs2241165	GAD1 (GAD) C10180T	T	TC	+/-
rs2241165	GAD1 (GAD) C10180T	T	TC	+/-
rs2241165	GAD1 (GAD) C10180T	T	TC	+/-
rs3828275	GAD1 (GAD) C14541T	T	CC	-/-
rs3828275	GAD1 (GAD) C14541T	T	CC	-/-
rs3828275	GAD1 (GAD) C14541T	T	CC	-/-
rs2241164	GAD1 (GAD) C18360T	C	TC	+/-
rs2241164	GAD1 (GAD) C18360T	C	TC	+/-
rs2241164	GAD1 (GAD) C18360T	C	TC	+/-
rs701492	GAD1 (GAD) C34281T	C	TC	+/-
rs701492	GAD1 (GAD) C34281T	C	TC	+/-
rs701492	GAD1 (GAD) C34281T	C	TC	+/-
rs3791850	GAD1 (GAD) G39901A	G	AG	+/-
rs3791850	GAD1 (GAD) G39901A	G	AG	+/-
rs3791850	GAD1 (GAD) G39901A	G	AG	+/-
rs769395	GAD1 (GAD) A48604A	A	AG	+/-
rs769395	GAD1 (GAD) A48604A	A	AG	+/-
rs769395	GAD1 (GAD) A48604A	A	AG	+/-
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	+/+
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+

Trans-Sulfuration Pathway

14 variants found 4 4 6

(See Figure 8)

Risk Summary: 4 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
rs706209	CBS C*351T	A	GG	-/-
rs706209	CBS C*351T	A	GG	-/-
rs706208	CBS T*330C	A	AA	+/+
rs706208	CBS T*330C	A	AA	+/+
rs12613	CBS G*299A	T	CC	-/-
rs12613	CBS G*299A	T	CC	-/-
rs1801181	CBS A360A	A	GG	-/-
rs1801181	CBS A360A	A	GG	-/-
rs4920037	CBS C19150T	A	AG	+/-
rs4920037	CBS C19150T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs2851391	CBS A13637G	T	TT	+/+
rs2851391	CBS A13637G	T	TT	+/+

Yeast/Alcohol Metabolism

0 variants found
(See Figure 7)

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Figure 2: Methylation & Methionine/Homocysteine Pathways

Pathway diagram illustrating genetic variants and their interactions in the Methylation & Methionine/Homocysteine Pathways category. Refer to your specific variant results in the corresponding category section.

Figure 4: COMT Activity

Pathway diagram illustrating genetic variants and their interactions in the COMT Activity category. Refer to your specific variant results in the corresponding category section.

Figure 6: HLA

Pathway diagram illustrating genetic variants and their interactions in the HLA category. Refer to your specific variant results in the corresponding category section.

Figure 8: Trans-Sulfuration Pathway

Pathway diagram illustrating genetic variants and their interactions in the Trans-Sulfuration Pathway category. Refer to your specific variant results in the corresponding category section.

Figure 9: Neurotransmitter Pathway: Glutamate & GABA

Pathway diagram illustrating genetic variants and their interactions in the Neurotransmitter Pathway: Glutamate & GABA category. Refer to your specific variant results in the corresponding category section.

⚠ 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