MTHFRSupport Methylation Report

dna-data-2025-06-21.zip

Report Summary

92
Total Variants

1
Categories

1
Pathway Figures

21
High Risk (+/+)

22
Moderate Risk (+/-)

49
Low Risk (-/-)

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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	+/-
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	+/-

SNP ID	SNP Name	Risk Allele	Your Allele	Result
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	-/-
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	+/+

SNP ID	SNP Name	Risk Allele	Your Allele	Result
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	+/-

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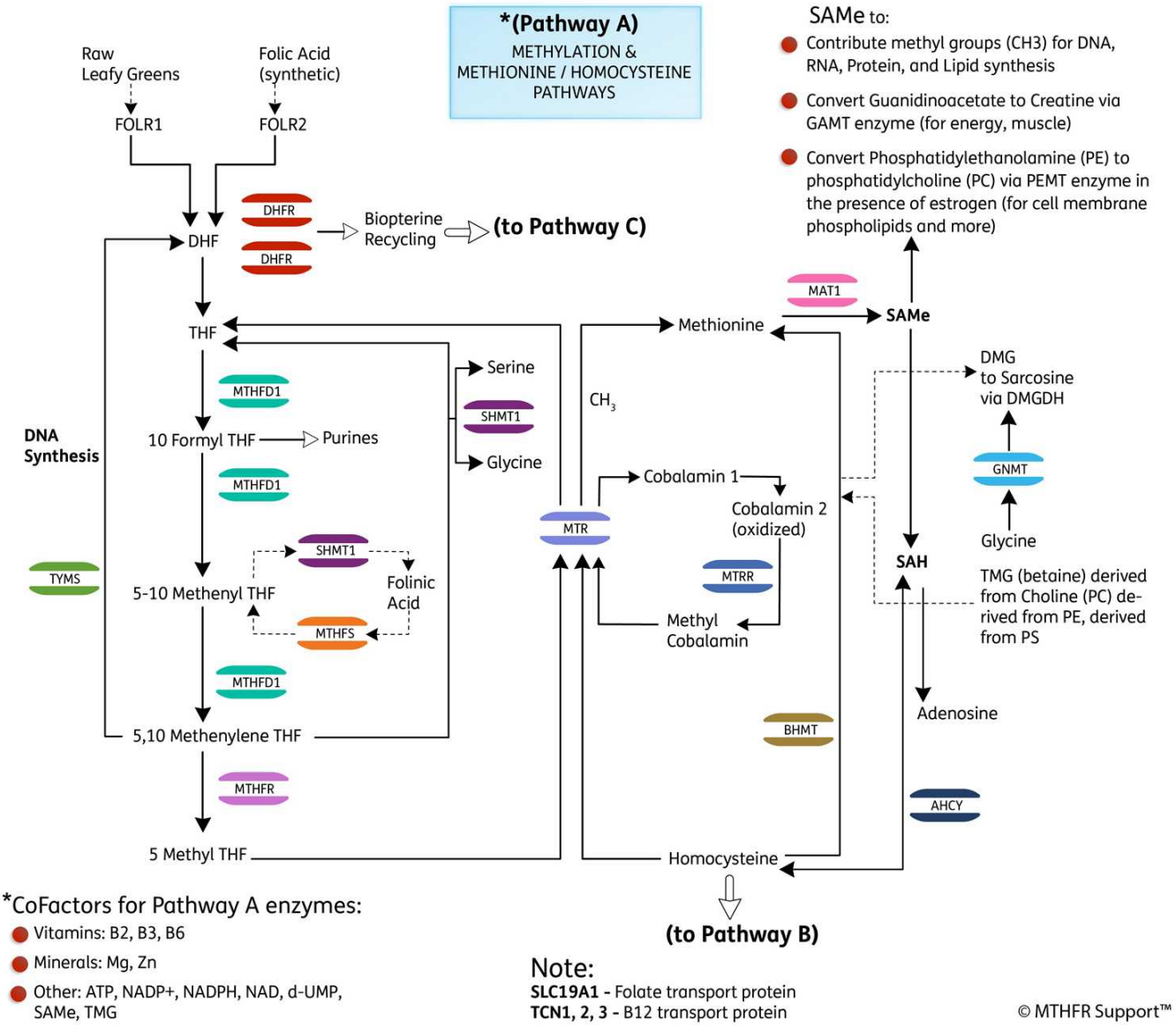
Figure 2: Methylation & Methionine/Homocysteine Pathways



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.

⚠ 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