

Report Summary

106

Total Variants

1

Categories

1

Pathway Figures

20

High Risk (+/+)

43

Moderate Risk (+/-)

43

Low Risk (-/-)

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Methylation & Methionine/Homocysteine Pathways

106 variants found 20 43 43
(See Figure 2)

Risk Summary: 20 high risk variants, 43 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 | AG | +/- |
| rs4846049 | MTHFR A*372C | G | GT | +/- |
| rs2274976 | MTHFR G1793A (R594Q) | T | CC | -/- |
| rs1476413 | MTHFR G18861A | T | CT | +/- |
| rs1801131 | MTHFR A1298C | G | GT | +/- |
| rs1801133 | MTHFR C677T | A | AG | +/- |
| rs17037390 | MTHFR C10318T | G | GG | +/+ |
| rs17367504 | MTHFR A1572G | G | AA | -/- |
| rs2066470 | MTHFR 03 P39P | A | GG | -/- |
| rs13306560 | MTHFR C-137T | T | CC | -/- |
| rs3737964 | MTHFR A4117C | T | CT | +/- |
| rs10889869 | CTH G6010A | A | AG | +/- |
| 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 | -/- |
| rs12060264 | MTR G34783A | A | AA | +/+ |
| rs12060570 | MTR G35489C | G | CC | -/- |
| rs2789352 | MTR A50417C | A | CC | -/- |
| rs2275568 | MTR C62048T | T | TT | +/+ |
| rs10925250 | MTR A68550G | G | AA | -/- |
| rs3768142 | MTR G74984T | T | TT | +/+ |
| rs10925257 | MTR A92580G | G | AA | -/- |
| rs1805087 | MTR A2756G | G | AA | -/- |
| rs2275566 | MTR G94982A | G | AA | -/- |
| rs2275565 | MTR G95096T | T | GG | -/- |
| rs3820571 | MTR G106853T | G | TT | -/- |

Methylation & Methionine/Homocysteine Pathways

(See Figure 2)

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|------------|-----------------|-------------|-------------|--------|
| rs11799670 | MTR A*153G | G | AA | -/- |
| rs1667627 | MTHFD2 C8503T | C | CT | +/- |
| rs1799807 | BCHE A98G | T | TT | +/+ |
| rs1801394 | MTRR A66G | G | GG | +/+ |
| rs326121 | MTRR T12072C | C | CT | +/- |
| rs3776467 | MTRR G12099A | G | AA | -/- |
| rs1532268 | MTRR C524T | T | CC | -/- |
| rs7703033 | MTRR G15734A | A | AA | +/+ |
| 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 | -/- |
| rs3776455 | MTRR C32295T | T | TT | +/+ |
| rs1802059 | MTRR -11 A664A | A | GG | -/- |
| rs9332 | MTRR G*541A | A | GG | -/- |
| rs8659 | MTRR T*662A | A | AA | +/+ |
| rs479405 | DMGDH G67591T | C | AC | +/- |
| rs532964 | DMGDH T835C | A | AG | +/- |
| rs651852 | BHMT-08 C6457T | T | CT | +/- |
| rs6875201 | BHMT A7961G | G | AA | -/- |
| rs567754 | BHMT-02 C13813T | T | CC | -/- |
| rs3733890 | BHMT R239Q | A | AA | +/+ |
| rs1650697 | DHFR/MSH T-473A | A | AG | +/- |
| rs4869089 | MAT2B A7755681G | G | AG | +/- |
| rs6458690 | MUT T24234C | G | AG | +/- |
| rs11754661 | MTHFD1L G25264A | G | GG | +/+ |
| rs17349743 | MTHFD1L T31397C | C | CT | +/- |
| rs803422 | MTHFD1L A33780G | A | AG | +/- |
| rs6922269 | MTHFD1L G71171A | A | AG | +/- |

Methylation & Methionine/Homocysteine Pathways

(See Figure 2)

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|------------|----------------------------|-------------|-------------|--------|
| rs1800783 | NOS3 A6251T | T | AA | -/- |
| rs1800779 | NOS3 G6797A | A | GG | -/- |
| rs3918188 | NOS3 C19635T | A | CC | -/- |
| rs1985908 | MAT1A T*1297C | G | AG | +/- |
| rs2993763 | MAT1A C1131T | A | AG | +/- |
| rs4934028 | MAT1A C15656T | A | AG | +/- |
| rs526934 | TCN1 G4939288A | A | AA | +/+ |
| rs7925545 | FOLR3 A3771G | G | AA | -/- |
| rs2071010 | FOLR1 G-20A | A | GG | -/- |
| rs651933 | FOLR2 G-1316A | G | AG | +/- |
| rs2293054 | NOS1 T2202C | A | AG | +/- |
| rs7298903 | NOS1 A57373G | C | TT | -/- |
| rs1076991 | MTHFD1 C105T | C | CT | +/- |
| rs2236225 | MTHFD1 R635Q | A | AG | +/- |
| rs2733103 | MTHFS - ST20 MTHFS G56057A | T | CC | -/- |
| rs6495446 | MTHFS - ST20 MTHFS G39646A | C | CT | +/- |
| rs7946 | PEMT G634A | T | TT | +/+ |
| rs4646406 | PEMT T17020543A | T | AT | +/- |
| rs4244593 | PEMT T17023592G | T | GT | +/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs2297518 | NOS2 C1823T | A | AG | +/- |
| rs2274894 | NOS2 T836165G | T | GT | +/- |
| rs2248814 | NOS2 T32235C | A | AG | +/- |
| rs17851582 | GAMT C9110T | G | GG | +/+ |
| rs55776826 | GAMT G7497A | T | CC | -/- |
| rs296366 | SULT2A1 A20117G | C | CC | +/+ |
| rs11569679 | SULT2A1 G781A | T | CC | -/- |
| rs4149452 | SULT2A1 G17136A | T | CT | +/- |

Methylation & Methionine/Homocysteine Pathways

(See Figure 2)

| SNP ID | SNP Name | Risk Allele | Your Allele | Result |
|------------|-----------------|-------------|-------------|--------|
| rs4149449 | SULT2A1 G9696A | T | CT | +/- |
| rs2547231 | SULT2A1 G9598T | A | AA | +/+ |
| rs819147 | AHCY-01 G14905A | C | TT | -/- |
| rs2273684 | GSS A18836C | T | TT | +/+ |
| rs28936396 | GSS C373T | A | GG | -/- |
| rs6060124 | GSS G11705T | C | CC | +/+ |
| rs6088659 | GSS A5997G | T | CT | +/- |
| 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 | AG | +/- |
| rs234706 | CBS C699T | A | AG | +/- |
| rs2851391 | CBS A13637G | T | CT | +/- |
| rs9606756 | TCN2 A8700G | G | AA | -/- |
| rs1801198 | TCN2 C766G | G | 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

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