

Report Summary

190

Total Variants

38

Categories

0

Pathway Figures

42

High Risk (+/+)

48

Moderate Risk (+/-)




100

Low Risk (-/-)

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Castor Oil

8 variants found 3 3 2

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

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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	+/-

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

Sodium Deoxycholate

10 variants found 2 1 7

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

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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

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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

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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

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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 providerQuick 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

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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

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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

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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 1Quick 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

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

SNP ID	SNP Name	Risk Allele	Your Allele	Result
rs2767	CHRNA7 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

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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

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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 providerQuick 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

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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

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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 providerQuick 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

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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

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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

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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

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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 providerQuick 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 providerQuick 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

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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

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