

Liver Detox - Phase I (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs1799814	CYP1A1*4 C2453A	T	GG	-/-	
rs2470890	CYP1A2 1545T>C	C	CC	+/+	
rs2472304	CYP1A2*1F 34356G>A	A	GG	-/-	
rs762551	CYP1A2*1F C164A	C	CC	+/+	
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-	
rs56276455	CYP1A2*3 D348N	A	GG	-/-	
rs9341266	CYP1B1 C1871T	A	GG	-/-	
rs1056836	CYP1B1 L432V	C	CC	+/+	
rs1800440	CYP1B1 N453S	T	TT	+/+	
rs9282671	CYP1B1 T241A	A	AA	+/+	
rs72549389	CYP1B1 T5795C	G	AA	-/-	
rs1801272	CYP2A6*2 A1799T	T	AA	-/-	
rs35303484	CYP2B6 A136G	G	AA	-/-	
rs8192719	CYP2B6 C26570T	T	CC	-/-	
rs2279344	CYP2B6 G23280A	G	AG	+/-	
rs7260329	CYP2B6 G29435A	G	AG	+/-	
rs28399499	CYP2B6 I328T	C	TT	-/-	
rs3745274	CYP2B6 Q172H	T	GG	-/-	
rs1042389	CYP2B6 T1421C	C	TC	+/-	
rs36079186	CYP2B6 T20715C	C	TT	-/-	
rs2279345	CYP2B6 T23499C	T	TC	+/-	
rs12767583	CYP2C19 C5709T	T	TC	+/-	
rs4917623	CYP2C19 T106C	C	TC	+/-	
rs4986894	CYP2C19 T98C	T	TC	+/-	
rs4244285	CYP2C19*2 G681A	A	AG	+/-	
rs4986893	CYP2C19*3 G636A	A	GG	-/-	
rs28399504	CYP2C19*4 A5001G	G	AA	-/-	
rs56337013	CYP2C19*5 C1297T	T	CC	-/-	
rs72558186	CYP2C19*7 T24294A	A	TT	-/-	
rs41291556	CYP2C19*8 T358C	C	TT	-/-	
rs1057911	CYP2C9 50298A>T	T	AA	-/-	
rs4917639	CYP2C9 A6326C	C	AC	+/-	
rs4086116	CYP2C9 C334T	T	TC	+/-	
rs10509680	CYP2C9 G2337T	T	GG	-/-	
rs4918758	CYP2C9 T1188C	C	CC	+/+	
rs1934967	CYP2C9 T2674C	T	CC	-/-	
rs9332239	CYP2C9*12 1465C>T	T	CC	-/-	
rs72558187	CYP2C9*13 269T>C	C	TT	-/-	
rs1057910	CYP2C9*3 1075A>C	C	AA	-/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Liver Detox - Phase I (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2256871	CYP2C9*9 752A>G	G	AA	-/-	
rs16947	CYP2D6 C2850T	A	GG	-/-	
rs61736512	CYP2D6 G1659A	T	CC	-/-	
rs5030862	CYP2D6*12 124G>A	T	CC	-/-	
rs28371706	CYP2D6*17 T107I	A	GG	-/-	
rs3813865	CYP2E1 G3378C	C	GG	-/-	
rs8192772	CYP2E1 T8845C	C	TT	-/-	
rs6413419	CYP2E1*4 A4768G	A	GG	-/-	
rs2070673	CYP2E1*7_-333T>A T333A	A	TT	-/-	
rs2070672	CYP2E1*7_-352A>G A352G	G	AA	-/-	
rs6413420	CYP2E1*7_-71G>T G71T	T	GG	-/-	
rs2031920	CYP2E1_-1055C>T G1055T	T	CC	-/-	
rs3813867	CYP2E1_-1295G>C G1295C	C	GG	-/-	
rs4646437	CYP3A4 C202T	A	GG	-/-	
rs2246709	CYP3A4 T258C	G	AA	-/-	
rs28371759	CYP3A4*18 L293P	G	AA	-/-	
rs2740574	CYP3A4*1B A392G	C	TT	-/-	
rs55785340	CYP3A4*2 S222P	G	AA	-/-	
rs55901263	CYP3A4*5 P218R	C	GG	-/-	
rs2242480	CYP3A4*_20239G>A G12A	T	CC	-/-	
rs28365083	CYP3A5*2 C2899A	T	GG	-/-	
rs776746	CYP3A5*3 G237A	A	CC	-/-	
rs10264272	CYP3A5*6 G624A	T	CC	-/-	
rs1800730	HFE 193A>T	T	AA	-/-	
rs662	PON1 Q192R	T	TT	+/-	
rs2855262	SOD3 489 C>T	C	TC	+/-	

Liver Detox - Phase II (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs3741049	ACAT1 G22670A	A	AA	+/+	
rs4343	ACE G2328A	G	AG	+/-	
rs11555566	ADA A239G	C	TT	-/-	
rs452159	ADA C14275A	T	TG	+/-	
rs73598374	ADA G22A	T	CC	-/-	
rs4961	ADD1 G460W	T	GG	-/-	
rs699	AGT M235T/C4072T	A	AG	+/-	
rs6875201	BHMT A7961G	G	AA	-/-	
rs16876512	BHMT C-448T	T	CC	-/-	
rs3733890	BHMT R239Q	A	GG	-/-	
rs567754	BHMT-02 C13813T	T	TC	+/-	
rs235756	BMP2 C282Y	G	AA	-/-	
rs2155219	C11orf30 76588150G>T	T	TG	+/-	
rs480575	CAT A12175G	G	AA	-/-	
rs11032703	CAT C14185T	T	CC	-/-	
rs2300181	CAT C21068T	T	CC	-/-	
rs737866	COMT/TXNRD2 A4251G	T	TT	+/+	
rs2020917	COMT/TXNRD2 C4622T	T	CC	-/-	
rs3741775	DAO A14747C	C	CC	+/+	
rs3918347	DAO A24464G	G	AA	-/-	
rs2070586	DAO G8864A	A	GG	-/-	
rs2111902	DAO T9891G	T	TT	+/+	
rs1650697	DHFR/MSH T-473A	A	AG	+/-	
rs3738401	DISC1 R264Q	A	AG	+/-	
rs2253262	DMGDH T372G	A	AC	+/-	
rs1018381	DTNBP1 C11202T	A	GG	-/-	
rs2619522	DTNBP1 T14623G	C	AC	+/-	
rs2071010	FOLR1 G-20A	A	GG	-/-	
rs7925545	FOLR3 A3771G	G	AA	-/-	
rs7926875	FOLR3 C7672A	C	CC	+/+	
rs492602	FUT2 A12190G	G	GG	+/+	
rs1047781	FUT2 A12404T	T	AA	-/-	
rs602662	FUT2 G12758A	A	AA	+/+	
rs1050829	G6PD A376G	C	TT	-/-	
rs72554664	G6PD R493H	T	CC	-/-	
rs1050828	G6PD V98M	T	CC	-/-	
rs769395	GAD1 (GAD) A48604A	G	AG	+/-	
rs2241165	GAD1 (GAD) C10180T	C	TC	+/-	
rs3828275	GAD1 (GAD) C14541T	T	TC	+/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Liver Detox - Phase II (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-	
rs12185692	GAD1 (GAD) C2627A	A	AC	+/-	
rs701492	GAD1 (GAD) C34281T	C	TC	+/-	
rs769407	GAD1 (GAD) G25509C	C	CG	+/-	
rs3791878	GAD1 (GAD) G3992T	T	GG	-/-	
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-	
rs2058725	GAD1 (GAD) T21922C	C	TC	+/-	
rs3791851	GAD1 (GAD) T30473C	C	TC	+/-	
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+	
rs17851582	GAMT C9110T	A	GG	-/-	
rs55776826	GAMT G7497A	T	CC	-/-	
rs3780127	GGH C15472T	A	GG	-/-	
rs11545078	GGH C17847T	A	GG	-/-	
rs3780126	GGH C6699T	A	AG	+/-	
rs4617146	GGH G13894A	T	TT	+/+	
rs6519519	GGT1 C17146T	T	CC	-/-	
rs5760485	GGT1 T11756C	T	TT	+/+	
rs5751901	GGT1 T17549C	C	TT	-/-	
rs8177412	GPX3 129T>C	T	TT	+/+	
rs2551715	GSR A43851G	C	TT	-/-	
rs3594	GSR G*1377T	A	CC	-/-	
rs2273684	GSS A18836C	G	TG	+/-	
rs6088659	GSS A5997G	C	CC	+/+	
rs28936396	GSS C373T	A	GG	-/-	
rs6060124	GSS G11705T	A	00	-/-	
rs4147567	GSTM1 7107A>G	G	AA	-/-	
rs1056806	GSTM1 7730C>T	T	CC	-/-	
rs2239892	GSTM1 8869A>G	G	AA	-/-	
rs7483	GSTM3 V224I	T	TT	+/+	
rs1138272	GSTP1 A114V	T	CC	-/-	
rs1695	GSTP1 I105V	G	AA	-/-	
rs2073440	HDC A1932C	G	TT	-/-	
rs2794719	HFE 6382T>G	G	TG	+/-	
rs9366637	HFE 6590C>T	T	CC	-/-	
rs1800562	HFE C282Y	A	GG	-/-	
rs1799945	HFE H63D	G	CG	+/-	
rs7775228	HLA-DRB4 4103732T>C	C	TT	-/-	
rs17583889	HNMT C29232A	A	CC	-/-	
rs6430764	HNMT C3616T	T	TT	+/+	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Liver Detox - Phase II (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs346070	HRH1 T*1687C	T	CC	-/-	
rs901865	HRH1 T-17C	T	CC	-/-	
rs11662595	HRH4 A617G	G	AA	-/-	
rs4800573	HRH4 G*2144A	A	AG	+/-	
rs1421125	HRH4 G*385T	T	GG	-/-	
rs16940765	HRH4 T3537649C	C	TC	+/-	
rs7997012	HTR2A T64185C	A	GG	-/-	
rs7820268	IDO1 C6202T	T	TC	+/-	
rs2993763	MAT1A C1131T	A	GG	-/-	
rs4934028	MAT1A C15656T	A	GG	-/-	
rs72558181	MAT1A G19502A	T	CC	-/-	
rs1985908	MAT1A T*1297C	G	AG	+/-	
rs2028900	MAT2A C6635T	C	TC	+/-	
rs4869089	MAT2B A7755681G	G	AG	+/-	
rs7134594	MMAB G16110A	C	CC	+/+	
rs2071409	MPO A15067C	G	TT	-/-	
rs2759	MPO A15191G	C	TT	-/-	
rs28730837	MPO C7900T	A	GG	-/-	
rs1076991	MTHFD1 C105T	C	TC	+/-	
rs2236225	MTHFD1 R635Q	A	AG	+/-	
rs803422	MTHFD1L A33780G	A	GG	-/-	
rs11754661	MTHFD1L G25264A	G	GG	+/+	
rs17349743	MTHFD1L T31397C	C	TT	-/-	
rs1667627	MTHFD2 C8503T	C	TC	+/-	
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TT	-/-	
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-	
rs1041983	NAT2 C282T	T	TC	+/-	
rs1799929	NAT2 C481T	T	TC	+/-	
rs1801279	NAT2 G191A	A	GG	-/-	
rs1799931	NAT2 G286E	A	GG	-/-	
rs1801280	NAT2 I114T	C	TC	+/-	
rs1208	NAT2 K268R	G	AG	+/-	
rs1799930	NAT2 R197Q	A	AG	+/-	
rs1805158	NAT2 R64W	T	CC	-/-	
rs12150220	NLRP1 7466T>A	T	AA	-/-	
rs10733113	NLRP3 247622357A>G	G	GG	+/+	
rs17221417	NOD2 13533C>G	G	GC	+/-	
rs2066843	NOD2 19150C>T	T	TC	+/-	
rs5743289	NOD2 30725C>T	T	TC	+/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Liver Detox - Phase II (Figure 1)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2066845	NOD2 Gly881Arg	C	GG	-/-	
rs2066847	NOD2 L1007P	C	DD	-/-	
rs10517	NQO1 C494+	A	AG	+/-	
rs1800566	NQO1 C609T	A	GG	-/-	
rs689452	NQO1 G13070C	C	CG	+/-	
rs689453	NQO1 G13161A	T	CC	-/-	
rs2917669	NQO1 T6314C	A	AG	+/-	
rs1437135	NQO1 T7706C	G	AA	-/-	
rs6994992	NRG1 C3314T	T	TC	+/-	
rs2280673	RAB6B C282Y	C	AA	-/-	
rs5568	SLC6A2 A45583C	C	AA	-/-	
rs168924	SLC6A2 A5003G	G	AG	+/-	
rs3785143	SLC6A2 C10565T	T	CC	-/-	
rs36020	SLC6A2 C28547T	T	CC	-/-	
rs3785157	SLC6A2 C45295T	T	TT	+/+	
rs36009	SLC6A2 C48079T	T	CC	-/-	
rs2242447	SLC6A2 C51371T	T	TT	+/+	
rs2242446	SLC6A2 C5884T	T	TT	+/+	
rs1532701	SLC6A2 G13486A	G	AG	+/-	
rs40147	SLC6A2 G32299A	G	AG	+/-	
rs1566652	SLC6A2 G47034T	T	GG	-/-	
rs998424	SLC6A2 G47405A	A	AA	+/+	
rs3785152	SLC6A2 T32009C	T	CC	-/-	
rs1800887	SLC6A2 T49048C	T	TT	+/+	
rs6347	SLC6A3 A39132G	T	TC	+/-	
rs2617605	SLC6A3 A8023G	C	TT	-/-	
rs460000	SLC6A3 C17719T	T	GG	-/-	
rs6350	SLC6A3 C7345T	A	GG	-/-	
rs27048	SLC6A3 G37899A	T	TC	+/-	
rs11133767	SLC6A3 G48964A	C	CC	+/+	
rs40184	SLC6A3 G55467A	C	TT	-/-	
rs27072	SLC6A3 G56022A	T	TC	+/-	
rs403636	SLC6A3 T12190G	A	AC	+/-	
rs464049	SLC6A3 T26639C	A	AA	+/+	
rs1042098	SLC6A3 T55729C	A	AG	+/-	
rs4149452	SULT2A1 G17136A	T	TC	+/-	
rs2547231	SULT2A1 G9598T	A	AA	+/+	
rs4149449	SULT2A1 G9696A	T	CC	-/-	
rs6717546	UGT1A1 A188730G	G	AA	-/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs887829	UGT1A1 C175181T	T	CC	-/-
rs4148325	UGT1A1 C179920T	T	CC	-/-
rs6742078	UGT1A1 G179250T	T	GG	-/-
rs62625011	UGT1A1 G182349A	A	GG	-/-
rs4148323	UGT1A1 G211A	A	GG	-/-
rs72551348	UGT1A1 G328A	G	AA	-/-
rs72551351	UGT1A1 G354A	G	AA	-/-
rs72551341	UGT1A1 L175G	A	TT	-/-
rs1544410	VDR VDR:BsmI	T	CC	-/-

Yeast/Alcohol Metabolism (Figure 2)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs4767939	ALDH2 A7550G	A	AG	+/-	
rs4648328	ALDH2 C23443T	T	TC	+/-	
rs4646778	ALDH2 C36438A	A	AC	+/-	
rs16941667	ALDH2 C45068T	T	CC	-/-	
rs671	ALDH2 G1369A	A	GG	-/-	
rs2238152	ALDH2 G15114T	T	TG	+/-	
rs2238151	ALDH2 T12488C	T	TC	+/-	
rs968529	ALDH2 T35023C	C	CC	+/+	
rs72547575	ALDH3A2 A1157G	G	AA	-/-	
rs72547566	ALDH3A2 C13996T	T	CC	-/-	
rs1800869	ALDH3A2 C17571G	G	GG	+/+	
rs72547564	ALDH3A2 G641A	A	GG	-/-	

Methylation & Methionine/Homocysteine Pathways (Figure 3)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs72547575	ALDH3A2 A1157G	G	AA	-/-	
rs72547566	ALDH3A2 C13996T	T	CC	-/-	
rs1800869	ALDH3A2 C17571G	G	GG	+/+	
rs72547564	ALDH3A2 G641A	A	GG	-/-	
rs1799807	BCHE A98G	C	TT	-/-	
rs6875201	BHMT A7961G	G	AA	-/-	
rs16876512	BHMT C-448T	T	CC	-/-	
rs3733890	BHMT R239Q	A	GG	-/-	
rs567754	BHMT-02 C13813T	T	TC	+/-	
rs2851391	CBS A13637G	T	TC	+/-	
rs1801181	CBS A360A	A	AG	+/-	
rs706209	CBS C*351T	A	AG	+/-	
rs4920037	CBS C19150T	A	AG	+/-	
rs234706	CBS C699T	A	AG	+/-	
rs12613	CBS G*299A	T	CC	-/-	
rs2272306	CSAD C25411T	A	GG	-/-	
rs1145920	CTH A11886G	A	AA	+/+	
rs515064	CTH A32114G	G	AA	-/-	
rs663649	CTH G25229T	T	GG	-/-	
rs10889869	CTH G6010A	A	GG	-/-	
rs1021737	CTH S4031I	T	GG	-/-	
rs681475	CTH T8763C	C	TT	-/-	
rs1650697	DHFR/MSH T-473A	A	AG	+/-	
rs2253262	DMGDH T372G	A	AC	+/-	
rs2071010	FOLR1 G-20A	A	GG	-/-	
rs7925545	FOLR3 A3771G	G	AA	-/-	
rs7926875	FOLR3 C7672A	C	CC	+/+	
rs17851582	GAMT C9110T	A	GG	-/-	
rs55776826	GAMT G7497A	T	CC	-/-	
rs2273684	GSS A18836C	G	TG	+/-	
rs6088659	GSS A5997G	C	CC	+/+	
rs28936396	GSS C373T	A	GG	-/-	
rs6060124	GSS G11705T	A	00	-/-	
rs2993763	MAT1A C1131T	A	GG	-/-	
rs4934028	MAT1A C15656T	A	GG	-/-	
rs72558181	MAT1A G19502A	T	CC	-/-	
rs1985908	MAT1A T*1297C	G	AG	+/-	
rs2028900	MAT2A C6635T	C	TC	+/-	
rs4869089	MAT2B A7755681G	G	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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Methylation & Methionine/Homocysteine Pathways (Figure 3)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1076991	MTHFD1 C105T	C	TC	+/-
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs803422	MTHFD1L A33780G	A	GG	-/-
rs11754661	MTHFD1L G25264A	G	GG	+/+
rs17349743	MTHFD1L T31397C	C	TT	-/-
rs1667627	MTHFD2 C8503T	C	TC	+/-
rs2066470	MTHFR 03 P39P	A	GG	-/-
rs4846049	MTHFR A*372C	G	GG	+/+
rs1801131	MTHFR A1298C	G	TT	-/-
rs17367504	MTHFR A1572G	G	AA	-/-
rs3737964	MTHFR A4117C	T	CC	-/-
rs13306561	MTHFR A4598G	A	AA	+/+
rs13306560	MTHFR C-137T	T	CC	-/-
rs17037390	MTHFR C10318T	G	GG	+/+
rs4846048	MTHFR C24909T	G	AA	-/-
rs1801133	MTHFR C677T	A	AG	+/-
rs17037396	MTHFR C841T	T	CC	-/-
rs12121543	MTHFR G16490T	A	CC	-/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	CC	-/-
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TT	-/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs2853522	MTR A*112C	A	CC	-/-
rs2853523	MTR A*1254C	A	CC	-/-
rs1050993	MTR A*1361G	A	GG	-/-
rs11799670	MTR A*153G	G	AA	-/-
rs1805087	MTR A2756G	G	AA	-/-
rs2789352	MTR A50417C	A	CC	-/-
rs10925257	MTR A92580G	G	AA	-/-
rs7526063	MTR C18418T	T	CC	-/-
rs2275568	MTR C62048T	T	TT	+/+
rs3820571	MTR G106853T	G	TT	-/-
rs2275565	MTR G95096T	T	GG	-/-
rs1770449	MTR T84581C	C	TT	-/-
rs10925235	MTR T9195C	T	CC	-/-
rs1802059	MTRR -11 A664A	A	AG	+/-
rs3815743	MTRR A22893G	G	AG	+/-
rs1801394	MTRR A66G	G	AG	+/-
rs3776455	MTRR C32295T	T	TC	+/-

Methylation & Methionine/Homocysteine Pathways (Figure 3)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs1532268	MTRR C524T	T	TC	+/-	
rs9332	MTRR G*541A	A	GG	-/-	
rs2287779	MTRR G1155A	A	GG	-/-	
rs3776467	MTRR G12099A	G	AG	+/-	
rs7703033	MTRR G15734A	A	AG	+/-	
rs162049	MTRR G28905A	G	AA	-/-	
rs10380	MTRR H595Y	T	CC	-/-	
rs162036	MTRR K350A	G	AA	-/-	
rs2287780	MTRR R415T	T	CC	-/-	
rs8659	MTRR T*662A	A	AT	+/-	
rs162031	MTRR T16071C	T	CC	-/-	
rs7298903	NOS1 A57373G	C	TT	-/-	
rs2293054	NOS1 T2202C	A	AG	+/-	
rs2297518	NOS2 C1823T	A	AG	+/-	
rs2248814	NOS2 T32235C	A	AG	+/-	
rs2274894	NOS2 T836165G	T	TG	+/-	
rs1800783	NOS3 A6251T	T	TA	+/-	
rs7830	NOS3 G10T	T	TG	+/-	
rs1800779	NOS3 G6797A	A	AG	+/-	
rs7946	PEMT G634A	T	TC	+/-	
rs4244593	PEMT T17023592G	T	GG	-/-	
rs9909104	SHMT1 A23836G	T	TT	+/+	
rs1979277	SHMT1 C1420T	A	GG	-/-	
rs3788200	SLC19A1 (THTR2) T10815C	A	AG	+/-	
rs4149452	SULT2A1 G17136A	T	TC	+/-	
rs2547231	SULT2A1 G9598T	A	AA	+/+	
rs4149449	SULT2A1 G9696A	T	CC	-/-	
rs526934	TCN1 G4939288A	A	AG	+/-	
rs9606756	TCN2 A8700G	G	AA	-/-	
rs1801198	TCN2 C766G	G	GG	+/+	
rs502396	TYMS C6633T	C	CC	+/+	

Trans-Sulfuration Pathway (Figure 4)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2851391	CBS A13637G	T	TC	+/-	
rs1801181	CBS A360A	A	AG	+/-	
rs706209	CBS C*351T	A	AG	+/-	
rs4920037	CBS C19150T	A	AG	+/-	
rs234706	CBS C699T	A	AG	+/-	
rs12613	CBS G*299A	T	CC	-/-	
rs2272306	CSAD C25411T	A	GG	-/-	
rs1145920	CTH A11886G	A	AA	+/+	
rs515064	CTH A32114G	G	AA	-/-	
rs663649	CTH G25229T	T	GG	-/-	
rs10889869	CTH G6010A	A	GG	-/-	
rs1021737	CTH S4031I	T	GG	-/-	
rs681475	CTH T8763C	C	TT	-/-	
rs2273684	GSS A18836C	G	TG	+/-	
rs6088659	GSS A5997G	C	CC	+/+	
rs28936396	GSS C373T	A	GG	-/-	
rs6060124	GSS G11705T	A	00	-/-	
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TT	-/-	
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-	
rs4149452	SULT2A1 G17136A	T	TC	+/-	
rs2547231	SULT2A1 G9598T	A	AA	+/+	
rs4149449	SULT2A1 G9696A	T	CC	-/-	

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs11077820	AANAT C10236T	T	TC	+/-	
rs3760138	AANAT G18677AT	T	TG	+/-	
rs2494732	AKT1 A27890G	C	TC	+/-	
rs4767939	ALDH2 A7550G	A	AG	+/-	
rs4648328	ALDH2 C23443T	T	TC	+/-	
rs4646778	ALDH2 C36438A	A	AC	+/-	
rs16941667	ALDH2 C45068T	T	CC	-/-	
rs671	ALDH2 G1369A	A	GG	-/-	
rs2238152	ALDH2 G15114T	T	TG	+/-	
rs2238151	ALDH2 T12488C	T	TC	+/-	
rs968529	ALDH2 T35023C	C	CC	+/-	
rs72547575	ALDH3A2 A1157G	G	AA	-/-	
rs72547566	ALDH3A2 C13996T	T	CC	-/-	
rs1800869	ALDH3A2 C17571G	G	GG	+/-	
rs72547564	ALDH3A2 G641A	A	GG	-/-	
rs11599164	ANK3 C666301A	T	GG	-/-	
rs10994397	ANK3 G219161A	T	CC	-/-	
rs10994336	ANK3 G318473A	T	CC	-/-	
rs9804190	ANK3 G658454A	C	TC	+/-	
rs1938526	ANK3 T197902C	G	AA	-/-	
rs10761482	ANK3 T62085337C	C	00	-/-	
rs1800497	ANKK1 E713K	A	GG	-/-	
rs216013	CACNA1C A2729632G	G	AA	-/-	
rs2159100	CACNA1C C271442T	T	TC	+/-	
rs1006737	CACNA1C G115699A	A	AG	+/-	
rs2302729	CACNA1C T709021C	T	CC	-/-	
rs769224	COMT -61 P199P	A	GG	-/-	
rs2239393	COMT A 26166G	G	AA	-/-	
rs6269	COMT A-1324G	A	AA	+/-	
rs933271	COMT A2953G	T	CC	-/-	
rs1544325	COMT A7406G	A	GG	-/-	
rs4646316	COMT C27870T	T	CC	-/-	
rs174696	COMT C28914T	C	TT	-/-	
rs174699	COMT C30196T	C	TT	-/-	
rs9332377	COMT C31430T	T	CC	-/-	
rs8192488	COMT C438T	T	CC	-/-	
rs165599	COMT G*522A	A	AA	+/-	
rs165656	COMT G24601C	C	CC	+/-	
rs165774	COMT G28299A	A	AA	+/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4633	COMT H62H	T	TT	+/+
rs5993883	COMT T13376G	T	GG	-/-
rs4646312	COMT T24075C	C	TT	-/-
rs740601	COMT T26501G	T	TT	+/+
rs4680	COMT V158M	A	AA	+/+
rs2272306	CSAD C25411T	A	GG	-/-
rs1611115	DBH 4031T>C	T	TT	+/+
rs77905	DBH A1410G	A	AG	+/-
rs1108580	DBH A486G	A	AA	+/+
rs1108581	DBH A8757G	G	AA	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs129882	DBH C27185T	T	CC	-/-
rs1611114	DBH C3719T	T	CC	-/-
rs1541332	DBH G15032A	A	AG	+/-
rs3025382	DBH G5837A	A	GG	-/-
rs5320	DBH G631A	A	GG	-/-
rs4531	DBH G952T	T	GG	-/-
rs2519152	DBH T13150C	C	TT	-/-
rs2519154	DBH T15791C	C	TC	+/-
rs2797853	DBH T16031C	T	CC	-/-
rs2097628	DBH T2145C	A	AG	+/-
rs2007153	DBH T7335C	T	TT	+/+
rs2873804	DBH T9160C	T	TT	+/+
rs3779084	DDC A158104G	G	AA	-/-
rs880028	DDC A159505G	A	AA	+/+
rs1451371	DDC A85104G	C	TC	+/-
rs3735273	DDC C186233T	T	TC	+/-
rs2242041	DDC G108706C	G	CC	-/-
rs11575542	DDC G1385A	T	CC	-/-
rs1451375	DDC G15443T	A	AC	+/-
rs998850	DDC G196757C	C	GC	+/-
rs2167364	DDC T155196C	T	TT	+/+
rs732215	DDC T94092G	C	AC	+/-
rs1650697	DHFR/MSH T-473A	A	AG	+/-
rs251937	DRD1 A9244G	C	TT	-/-
rs686	DRD1 C7464T	A	AG	+/-
rs5326	DRD1 G5968A	T	TC	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs265981	DRD1 T5262C	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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs4245146	DRD2 A33029G	C	TC	+/-	
rs4648318	DRD2 A37613G	C	TC	+/-	
rs1799978	DRD2 A4651G	T	TT	+/+	
rs1125394	DRD2 A53817G	T	TT	+/+	
rs1079727	DRD2 A61820G	C	TT	-/-	
rs2440390	DRD2 A64124G	C	CC	+/+	
rs10891549	DRD2 A72555G	C	TC	+/-	
rs4938019	DRD2 A9611G	C	TT	-/-	
rs4648317	DRD2 C19470T	A	GG	-/-	
rs17529477	DRD2 C33935T	A	GG	-/-	
rs4620755	DRD2 C41383T	A	AG	+/-	
rs2242592	DRD2 C71572T	G	AG	+/-	
rs2234689	DRD2 C72519G	G	CC	-/-	
rs6277	DRD2 C957T	A	AG	+/-	
rs4581480	DRD2 G26528A	C	TC	+/-	
rs7125415	DRD2 G40321A	T	TC	+/-	
rs4436578	DRD2 G44237A	T	TC	+/-	
rs2471857	DRD2 G52663A	T	CC	-/-	
rs1079596	DRD2 G54383A	T	CC	-/-	
rs1079597	DRD2 G54716A	T	CC	-/-	
rs2283265	DRD2 G65466T	A	CC	-/-	
rs7131056	DRD2 T21228G	A	AA	+/+	
rs12364283	DRD2 T4047C	G	AA	-/-	
rs1076563	DRD2 T55093G	A	AC	+/-	
rs2734838	DRD2 T64501C	G	AG	+/-	
rs6275	DRD2 T852C	A	AG	+/-	
rs167771	DRD3 C26625T	A	AA	+/+	
rs963468	DRD3 C40013T	A	GG	-/-	
rs9828046	DRD3 C44637T	A	GG	-/-	
rs10934256	DRD3 G17248T	A	AC	+/-	
rs1394016	DRD3 G20405035A	G	AG	+/-	
rs6280	DRD3 G25A	T	TC	+/-	
rs1486009	DRD3 T14368C	A	AA	+/+	
rs324029	DRD3 T21277C	A	AG	+/-	
rs9825563	DRD3 T2680C	A	AG	+/-	
rs3773678	DRD3 T32822C	G	GG	+/+	
rs9288993	DRD3 T43727C	G	AA	-/-	
rs916457	DRD4 C4710T	T	CC	-/-	
rs752306	DRD4 C5318T	T	CC	-/-	

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs3758653	DRD4 T4095C	C	TC	+/-
rs1800443	DRD4 T581G	G	TT	-/-
rs3783642	GCH1 A14340G	T	TC	+/-
rs3783641	GCH1 A14404T	A	TT	-/-
rs4411417	GCH1 A53980G	C	TT	-/-
rs8007267	GCH1 C36378991T	C	CC	+/+
rs2878168	GCH1 C53758T	A	GG	-/-
rs3783637	GCH1 G26425A	C	TC	+/-
rs9671371	GCH1 G45908A	C	CC	+/+
rs10483639	GCH1 G55306457C	C	GG	-/-
rs752688	GCH1 G62974A	T	CC	-/-
rs8004018	GCH1 T23847C	G	AG	+/-
rs5906957	MAOA A36902G	G	GG	+/+
rs2235186	MAOA A85020G	A	GG	-/-
rs909525	MAOA C42794T	C	TT	-/-
rs5953210	MAOA G3638A	G	AA	-/-
rs6323	MAOA R297R/G492T/T941G	T	TT	+/+
rs1137070	MAOA T1011C/1460C	T	CC	-/-
rs2072743	MAOA T89113C	C	CC	+/+
rs1799836	MAOB A118723G	C	TT	-/-
rs10521432	MAOB C112982T	G	GG	+/+
rs6651806	MAOB T57758G	A	AA	+/+
rs7298903	NOS1 A57373G	C	TT	-/-
rs2293054	NOS1 T2202C	A	AG	+/-
rs2297518	NOS2 C1823T	A	AG	+/-
rs2248814	NOS2 T32235C	A	AG	+/-
rs2274894	NOS2 T836165G	T	TG	+/-
rs1800783	NOS3 A6251T	T	TA	+/-
rs7830	NOS3 G10T	T	TG	+/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs5030853	PAH A300S	A	CC	-/-
rs5030857	PAH A403V	A	GG	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs1718301	PAH C45188T	A	AA	+/+
rs2245360	PAH C81837T	A	AA	+/+
rs1801153	PAH G*187A	T	CC	-/-
rs772897	PAH G1155C	G	CC	-/-
rs1722392	PAH G37636A	T	TT	+/+

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1042503	PAH G735A	T	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030841	PAH L48S	G	AA	-/-
rs5030858	PAH R408W	A	GG	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs10778209	PAH T32409C	A	AA	+/+
rs7946	PEMT G634A	T	TC	+/-
rs4244593	PEMT T17023592G	T	GG	-/-
rs5568	SLC6A2 A45583C	C	AA	-/-
rs168924	SLC6A2 A5003G	G	AG	+/-
rs3785143	SLC6A2 C10565T	T	CC	-/-
rs36020	SLC6A2 C28547T	T	CC	-/-
rs3785157	SLC6A2 C45295T	T	TT	+/+
rs36009	SLC6A2 C48079T	T	CC	-/-
rs2242447	SLC6A2 C51371T	T	TT	+/+
rs2242446	SLC6A2 C5884T	T	TT	+/+
rs1532701	SLC6A2 G13486A	G	AG	+/-
rs40147	SLC6A2 G32299A	G	AG	+/-
rs1566652	SLC6A2 G47034T	T	GG	-/-
rs998424	SLC6A2 G47405A	A	AA	+/+
rs3785152	SLC6A2 T32009C	T	CC	-/-
rs1800887	SLC6A2 T49048C	T	TT	+/+
rs6347	SLC6A3 A39132G	T	TC	+/-
rs2617605	SLC6A3 A8023G	C	TT	-/-
rs460000	SLC6A3 C17719T	T	GG	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs27048	SLC6A3 G37899A	T	TC	+/-
rs11133767	SLC6A3 G48964A	C	CC	+/+
rs40184	SLC6A3 G55467A	C	TT	-/-
rs27072	SLC6A3 G56022A	T	TC	+/-
rs403636	SLC6A3 T12190G	A	AC	+/-
rs464049	SLC6A3 T26639C	A	AA	+/+
rs1042098	SLC6A3 T55729C	A	AG	+/-
rs28934581	TH A733C	G	TT	-/-
rs28934580	TH G1010A/R337H	T	CC	-/-
rs2070762	TH T1090C	G	GG	+/+
rs6356	TH V112M	T	TC	+/-

Neurotransmitter Pathway: Glutamate & GABA (Figure 6)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs769395	GAD1 (GAD) A48604A	G	AG	+/-	
rs2241165	GAD1 (GAD) C10180T	C	TC	+/-	
rs3828275	GAD1 (GAD) C14541T	T	TC	+/-	
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-	
rs12185692	GAD1 (GAD) C2627A	A	AC	+/-	
rs701492	GAD1 (GAD) C34281T	C	TC	+/-	
rs769407	GAD1 (GAD) G25509C	C	CG	+/-	
rs3791878	GAD1 (GAD) G3992T	T	GG	-/-	
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-	
rs2058725	GAD1 (GAD) T21922C	C	TC	+/-	
rs3791851	GAD1 (GAD) T30473C	C	TC	+/-	
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/-	

COMT Activity (Figure 7)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2494732	AKT1 A27890G	C	TC	+/-	
rs4767939	ALDH2 A7550G	A	AG	+/-	
rs4648328	ALDH2 C23443T	T	TC	+/-	
rs4646778	ALDH2 C36438A	A	AC	+/-	
rs16941667	ALDH2 C45068T	T	CC	-/-	
rs671	ALDH2 G1369A	A	GG	-/-	
rs2238152	ALDH2 G15114T	T	TG	+/-	
rs2238151	ALDH2 T12488C	T	TC	+/-	
rs968529	ALDH2 T35023C	C	CC	+/+	
rs72547575	ALDH3A2 A1157G	G	AA	-/-	
rs72547566	ALDH3A2 C13996T	T	CC	-/-	
rs1800869	ALDH3A2 C17571G	G	GG	+/+	
rs72547564	ALDH3A2 G641A	A	GG	-/-	
rs11599164	ANK3 C666301A	T	GG	-/-	
rs10994397	ANK3 G219161A	T	CC	-/-	
rs10994336	ANK3 G318473A	T	CC	-/-	
rs9804190	ANK3 G658454A	C	TC	+/-	
rs1938526	ANK3 T197902C	G	AA	-/-	
rs10761482	ANK3 T62085337C	C	00	-/-	
rs1800497	ANKK1 E713K	A	GG	-/-	
rs216013	CACNA1C A2729632G	G	AA	-/-	
rs2159100	CACNA1C C271442T	T	TC	+/-	
rs1006737	CACNA1C G115699A	A	AG	+/-	
rs2302729	CACNA1C T709021C	T	CC	-/-	
rs769224	COMT -61 P199P	A	GG	-/-	
rs2239393	COMT A 26166G	G	AA	-/-	
rs6269	COMT A-1324G	A	AA	+/+	
rs933271	COMT A2953G	T	CC	-/-	
rs1544325	COMT A7406G	A	GG	-/-	
rs4646316	COMT C27870T	T	CC	-/-	
rs174696	COMT C28914T	C	TT	-/-	
rs174699	COMT C30196T	C	TT	-/-	
rs9332377	COMT C31430T	T	CC	-/-	
rs8192488	COMT C438T	T	CC	-/-	
rs165599	COMT G*522A	A	AA	+/+	
rs165656	COMT G24601C	C	CC	+/+	
rs165774	COMT G28299A	A	AA	+/+	
rs4633	COMT H62H	T	TT	+/+	
rs5993883	COMT T13376G	T	GG	-/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4646312	COMT T24075C	C	TT	-/-
rs740601	COMT T26501G	T	TT	+/+
rs4680	COMT V158M	A	AA	+/+
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs1056836	CYP1B1 L432V	C	CC	+/+
rs1800440	CYP1B1 N453S	T	TT	+/+
rs1611115	DBH 4031T>C	T	TT	+/+
rs77905	DBH A1410G	A	AG	+/-
rs1108580	DBH A486G	A	AA	+/+
rs1108581	DBH A8757G	G	AA	-/-
rs1611123	DBH C12599T	T	CC	-/-
rs129882	DBH C27185T	T	CC	-/-
rs1611114	DBH C3719T	T	CC	-/-
rs1541332	DBH G15032A	A	AG	+/-
rs3025382	DBH G5837A	A	GG	-/-
rs5320	DBH G631A	A	GG	-/-
rs4531	DBH G952T	T	GG	-/-
rs2519152	DBH T13150C	C	TT	-/-
rs2519154	DBH T15791C	C	TC	+/-
rs2797853	DBH T16031C	T	CC	-/-
rs2097628	DBH T2145C	A	AG	+/-
rs2007153	DBH T7335C	T	TT	+/+
rs2873804	DBH T9160C	T	TT	+/+
rs251937	DRD1 A9244G	C	TT	-/-
rs686	DRD1 C7464T	A	AG	+/-
rs5326	DRD1 G5968A	T	TC	+/-
rs4532	DRD1 G6014A	C	TC	+/-
rs265981	DRD1 T5262C	A	AG	+/-
rs4245146	DRD2 A33029G	C	TC	+/-
rs4648318	DRD2 A37613G	C	TC	+/-
rs1799978	DRD2 A4651G	T	TT	+/+
rs1125394	DRD2 A53817G	T	TT	+/+
rs1079727	DRD2 A61820G	C	TT	-/-
rs2440390	DRD2 A64124G	C	CC	+/+
rs10891549	DRD2 A72555G	C	TC	+/-
rs4938019	DRD2 A9611G	C	TT	-/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs17529477	DRD2 C33935T	A	GG	-/-
rs4620755	DRD2 C41383T	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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

COMT Activity (Figure 7)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2242592	DRD2 C71572T	G	AG	+/-	
rs2234689	DRD2 C72519G	G	CC	-/-	
rs6277	DRD2 C957T	A	AG	+/-	
rs4581480	DRD2 G26528A	C	TC	+/-	
rs7125415	DRD2 G40321A	T	TC	+/-	
rs4436578	DRD2 G44237A	T	TC	+/-	
rs2471857	DRD2 G52663A	T	CC	-/-	
rs1079596	DRD2 G54383A	T	CC	-/-	
rs1079597	DRD2 G54716A	T	CC	-/-	
rs2283265	DRD2 G65466T	A	CC	-/-	
rs7131056	DRD2 T21228G	A	AA	+/+	
rs12364283	DRD2 T4047C	G	AA	-/-	
rs1076563	DRD2 T55093G	A	AC	+/-	
rs2734838	DRD2 T64501C	G	AG	+/-	
rs6275	DRD2 T852C	A	AG	+/-	
rs167771	DRD3 C26625T	A	AA	+/+	
rs963468	DRD3 C40013T	A	GG	-/-	
rs9828046	DRD3 C44637T	A	GG	-/-	
rs10934256	DRD3 G17248T	A	AC	+/-	
rs1394016	DRD3 G20405035A	G	AG	+/-	
rs6280	DRD3 G25A	T	TC	+/-	
rs1486009	DRD3 T14368C	A	AA	+/+	
rs324029	DRD3 T21277C	A	AG	+/-	
rs9825563	DRD3 T2680C	A	AG	+/-	
rs3773678	DRD3 T32822C	G	GG	+/+	
rs9288993	DRD3 T43727C	G	AA	-/-	
rs916457	DRD4 C4710T	T	CC	-/-	
rs752306	DRD4 C5318T	T	CC	-/-	
rs3758653	DRD4 T4095C	C	TC	+/-	
rs1800443	DRD4 T581G	G	TT	-/-	
rs5906957	MAOA A36902G	G	GG	+/+	
rs2235186	MAOA A85020G	A	GG	-/-	
rs909525	MAOA C42794T	C	TT	-/-	
rs5953210	MAOA G3638A	G	AA	-/-	
rs6323	MAOA R297R/G492T/T941G	T	TT	+/+	
rs1137070	MAOA T1011C/1460C	T	CC	-/-	
rs2072743	MAOA T89113C	C	CC	+/+	
rs1799836	MAOB A118723G	C	TT	-/-	
rs10521432	MAOB C112982T	G	GG	+/+	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6651806	MAOB T57758G	A	AA	+/+
rs5030853	PAH A300S	A	CC	-/-
rs5030857	PAH A403V	A	GG	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs1718301	PAH C45188T	A	AA	+/+
rs2245360	PAH C81837T	A	AA	+/+
rs1801153	PAH G*187A	T	CC	-/-
rs772897	PAH G1155C	G	CC	-/-
rs1722392	PAH G37636A	T	TT	+/+
rs1042503	PAH G735A	T	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030841	PAH L48S	G	AA	-/-
rs5030858	PAH R408W	A	GG	-/-
rs1522307	PAH T17864C	G	AA	-/-
rs10778209	PAH T32409C	A	AA	+/+
rs28934581	TH A733C	G	TT	-/-
rs28934580	TH G1010A/R337H	T	CC	-/-
rs2070762	TH T1090C	G	GG	+/+
rs6356	TH V112M	T	TC	+/-

Mitochondrial Function (Figure 8)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs4767939	ALDH2 A7550G	A	AG	+/-	
rs4648328	ALDH2 C23443T	T	TC	+/-	
rs4646778	ALDH2 C36438A	A	AC	+/-	
rs16941667	ALDH2 C45068T	T	CC	-/-	
rs671	ALDH2 G1369A	A	GG	-/-	
rs2238152	ALDH2 G15114T	T	TG	+/-	
rs2238151	ALDH2 T12488C	T	TC	+/-	
rs968529	ALDH2 T35023C	C	CC	+/-	
rs72547575	ALDH3A2 A1157G	G	AA	-/-	
rs72547566	ALDH3A2 C13996T	T	CC	-/-	
rs1800869	ALDH3A2 C17571G	G	GG	+/-	
rs72547564	ALDH3A2 G641A	A	GG	-/-	
rs1244422	ATP5c1 7838932C>T	C	TC	+/-	
rs2253262	DMGDH T372G	A	AC	+/-	
rs17851582	GAMT C9110T	A	GG	-/-	
rs55776826	GAMT G7497A	T	CC	-/-	
rs3783642	GCH1 A14340G	T	TC	+/-	
rs3783641	GCH1 A14404T	A	TT	-/-	
rs4411417	GCH1 A53980G	C	TT	-/-	
rs8007267	GCH1 C36378991T	C	CC	+/-	
rs2878168	GCH1 C53758T	A	GG	-/-	
rs3783637	GCH1 G26425A	C	TC	+/-	
rs9671371	GCH1 G45908A	C	CC	+/-	
rs10483639	GCH1 G55306457C	C	GG	-/-	
rs752688	GCH1 G62974A	T	CC	-/-	
rs8004018	GCH1 T23847C	G	AG	+/-	
rs2273684	GSS A18836C	G	TG	+/-	
rs6088659	GSS A5997G	C	CC	+/-	
rs28936396	GSS C373T	A	GG	-/-	
rs6060124	GSS G11705T	A	00	-/-	
rs2993763	MAT1A C1131T	A	GG	-/-	
rs4934028	MAT1A C15656T	A	GG	-/-	
rs72558181	MAT1A G19502A	T	CC	-/-	
rs1985908	MAT1A T*1297C	G	AG	+/-	
rs2028900	MAT2A C6635T	C	TC	+/-	
rs4869089	MAT2B A7755681G	G	AG	+/-	
rs1076991	MTHFD1 C105T	C	TC	+/-	
rs2236225	MTHFD1 R635Q	A	AG	+/-	
rs803422	MTHFD1L A33780G	A	GG	-/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Mitochondrial Function (Figure 8)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs11754661	MTHFD1L G25264A	G	GG	+/-	
rs17349743	MTHFD1L T31397C	C	TT	-/-	
rs1667627	MTHFD2 C8503T	C	TC	+/-	
rs1802059	MTRR -11 A664A	A	AG	+/-	
rs3815743	MTRR A22893G	G	AG	+/-	
rs1801394	MTRR A66G	G	AG	+/-	
rs3776455	MTRR C32295T	T	TC	+/-	
rs1532268	MTRR C524T	T	TC	+/-	
rs9332	MTRR G*541A	A	GG	-/-	
rs2287779	MTRR G1155A	A	GG	-/-	
rs3776467	MTRR G12099A	G	AG	+/-	
rs7703033	MTRR G15734A	A	AG	+/-	
rs162049	MTRR G28905A	G	AA	-/-	
rs10380	MTRR H595Y	T	CC	-/-	
rs162036	MTRR K350A	G	AA	-/-	
rs2287780	MTRR R415T	T	CC	-/-	
rs8659	MTRR T*662A	A	AT	+/-	
rs162031	MTRR T16071C	T	CC	-/-	
rs4147730	NDUFS3 9866G>A	A	GG	-/-	
rs1142530	NDUFS7 Pro23Leu	T	TT	+/-	
rs11666067	NDUFS7 Pro355Thr	A	AA	+/-	
rs4147776	NDUFS8 5073A>C	C	AA	-/-	
rs2075626	NDUFS8 6843T>C	T	TT	+/-	
rs7298903	NOS1 A57373G	C	TT	-/-	
rs2293054	NOS1 T2202C	A	AG	+/-	
rs2297518	NOS2 C1823T	A	AG	+/-	
rs2248814	NOS2 T32235C	A	AG	+/-	
rs2274894	NOS2 T836165G	T	TG	+/-	
rs1800783	NOS3 A6251T	T	TA	+/-	
rs7830	NOS3 G10T	T	TG	+/-	
rs1800779	NOS3 G6797A	A	AG	+/-	
rs7946	PEMT G634A	T	TC	+/-	
rs4244593	PEMT T17023592G	T	GG	-/-	
rs2758331	SOD2 406+816G>T	A	AC	+/-	
rs4880	SOD2 V16A	A	AG	+/-	
rs6497563	UQCRC2 7485C>T	T	TT	+/-	

Pentose Phosphate Pathway (Figure 9)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs6702820	DDR2 A162603881G	G	AA	-/-	
rs10494373	DDR2 A162619362C	C	AA	-/-	
rs2684866	DDR2 A162726281C	C	CC	+/+	
rs1780007	DDR2 A162748025C	C	CC	+/+	
rs10799854	DDR2 C162619828T	T	TT	+/+	
rs12044481	DDR2 G162635875A	A	GG	-/-	
rs7553831	DDR2 T162661011G	G	GG	+/+	
rs4559477	DDR2 T162681151G	T	GG	-/-	
rs1650697	DHFR/MSH T-473A	A	AG	+/-	
rs4129219	FBP1 T97390288C	T	TT	+/+	
rs762515	G6PD A16260G	C	TT	-/-	
rs5986990	G6PD G153761628A	A	GG	-/-	
rs1050829	G6PD A376G	C	TT	-/-	
rs2230036	G6PD Q402Q	T	CC	-/-	
rs72554664	G6PD R493H	T	CC	-/-	
rs1050828	G6PD V98M	T	CC	-/-	
rs2268169	H6PD G9321241A	A	AG	+/-	
rs6688832	H6PD G9323910A	G	GG	+/+	
rs17368528	H6PD P554L	T	TC	+/-	
rs9434742	H6PD Y673Y	T	TC	+/-	
rs1076991	MTHFD1 C105T	C	TC	+/-	
rs2236225	MTHFD1 R635Q	A	AG	+/-	
rs803422	MTHFD1L A33780G	A	GG	-/-	
rs11754661	MTHFD1L G25264A	G	GG	+/+	
rs17349743	MTHFD1L T31397C	C	TT	-/-	
rs1667627	MTHFD2 C8503T	C	TC	+/-	
rs6495446	MTHFS - ST20 MTHFS G39646A	C	TT	-/-	
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-	
rs855315	PGM1 A64069612G	G	AA	-/-	
rs4643	PGM1 A64125439C	C	AA	-/-	
rs2269260	PGM1 G64085337A	A	GG	-/-	
rs2269241	PGM1 T64108771C	G	TT	-/-	
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	-/-	
rs7062536	PRPS2 G12839152A	G	GG	+/+	
rs4666014	RBKS G28019175A	G	AG	+/-	

Pentose Phosphate Pathway (Figure 9)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4666020	RBKS G28046028A	A	AG	+/-
rs3895063	TALDO1 G755659A	A	GG	-/-
rs4687718	TKT A53282303G	A	AG	+/-
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	T	CC	-/-
rs766419	TKTL1 A35635G	G	AA	-/-
rs2872817	TKTL1 A39392G	G	AA	-/-
rs766420	TKTL1 C35378G	G	CC	-/-

Cannabinoid Pathway				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1049748	ABP1 P574P	T	CC	-/-
rs2494732	AKT1 A27890G	C	TC	+/-
rs6928813	CNR1 A88861698G	G	AA	-/-
rs806381	CNR1 A88865901G	A	AG	+/-
rs806378	CNR1 C88859551T	T	TC	+/-
rs4707436	CNR1 G88851751A	A	GG	-/-
rs1049353	CNR1 T453T	T	CC	-/-
rs806368	CNR1 T88850100C	C	TT	-/-
rs12720071	CNR1 T88851181C	C	TT	-/-
rs806376	CNR1 T88858648C	C	TC	+/-
rs806377	CNR1 T88858723C	C	TC	+/-
rs12205430	CNR1 T88867925C	C	TC	+/-
rs6454674	CNR1 T88872930G	T	GG	-/-
rs2501432	CNR2 G63A	T	TC	+/-
rs9424398	CNR2 T24221834G	G	GG	+/+
rs3741775	DAO A14747C	C	CC	+/+
rs3918347	DAO A24464G	G	AA	-/-
rs2070586	DAO G8864A	A	GG	-/-
rs2111902	DAO T9891G	T	TT	+/+
rs492602	FUT2 A12190G	G	GG	+/+
rs602662	FUT2 G12758A	A	AA	+/+
rs12150220	NLRP1 7466T>A	T	AA	-/-
rs10733113	NLRP3 247622357A>G	G	GG	+/+
rs17221417	NOD2 13533C>G	G	GC	+/-
rs2066843	NOD2 19150C>T	T	TC	+/-
rs5743289	NOD2 30725C>T	T	TC	+/-
rs2066845	NOD2 Gly881Arg	C	GG	-/-
rs2066847	NOD2 L1007P	C	DD	-/-
rs7967152	VDR A48244184C	C	AA	-/-
rs4328262	VDR C18167A	G	TG	+/-
rs3782905	VDR C37648G	C	GG	-/-
rs2189480	VDR C39987A	T	TG	+/-
rs3847987	VDR C48238068A	A	CC	-/-
rs757343	VDR C48239675T	T	CC	-/-
rs2107301	VDR C48245T	A	GG	-/-
rs2238136	VDR C48277713T	T	CC	-/-
rs11574027	VDR C48287373A	A	CC	-/-
rs10875695	VDR C48293037A	A	CC	-/-
rs7299460	VDR C48296268T	T	CC	-/-

Cannabinoid Pathway				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs739837	VDR C65594A	G	GG	+/+
rs3890733	VDR G14442A	T	TC	+/-
rs4760648	VDR G23150A	C	CC	+/+
rs2238135	VDR G25625C	G	CC	-/-
rs12721370	VDR G41742T	A	CC	-/-
rs12717991	VDR G44689A	T	TC	+/-
rs1540339	VDR G46489A	T	TC	+/-
rs2239185	VDR G48244559A	A	GG	-/-
rs886441	VDR G48262964A	G	AG	+/-
rs10783218	VDR G48272743A	A	GG	-/-
rs2254210	VDR G48273714A	A	AA	+/+
rs2853564	VDR G48278487A	G	GG	+/+
rs11168287	VDR G48285414A	G	AG	+/-
rs4237855	VDR G48287203A	A	AG	+/-
rs11574026	VDR G48288246A	A	GG	-/-
rs11168293	VDR G48293716T	G	TG	+/-
rs4760655	VDR G48294131A	G	AG	+/-
rs7975232	VDR G64978T	A	CC	-/-
rs7136534	VDR G9189A	G	CC	-/-
rs2239186	VDR T34405C	G	AG	+/-
rs3819545	VDR T38809C	G	AG	+/-
rs2239181	VDR T47866G	C	AA	-/-
rs11574077	VDR T48252927C	C	TT	-/-
rs2239182	VDR T48255411C	C	TT	-/-
rs11168275	VDR T48272275C	C	TT	-/-
rs2248098	VDR T50459C	G	AA	-/-
rs4760658	VDR T7329C	G	AG	+/-
rs731236	VDR TAQ	A	AA	+/+
rs1544410	VDR VDR:BsmI	T	CC	-/-

Alzheimers/Cardio/Lipid				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs669	A2M Ile1000Val	C	TC	+/-
rs3764650	ABCA7 T1046520G	G	TG	+/-
rs28931576	APOE A178G	G	AA	-/-
rs429358	APOE ApoE epsilon 4	C	TT	-/-
rs769455	APOE C8002T	T	CC	-/-
rs769449	APOE G5964A	A	GG	-/-
rs806370	CNR1 C88856331T	T	CC	-/-
rs63750847	APP Ala655Thr	T	CC	-/-
rs63750671	APP Ala674Gly	G	GG	+/+
rs6454673	CNR1 G88871049A	A	AA	+/+
rs63750066	APP Ala695Thr	T	CC	-/-
rs63750363	APP Glu647Asp	C	CC	+/+
rs63750399	APP Ile698Val	C	TT	-/-
rs63750643	APP Thr696Ala	C	TT	-/-
rs63750973	APP Thr696Ile	A	GG	-/-
rs63749964	APP Val586Gly	C	AA	-/-
rs63750734	APP Val697Met	T	CC	-/-
rs179943	ATXN1 C368404T	A	GG	-/-
rs1799807	BCHE A98G	C	TT	-/-
rs2049045	BDNF C54365G	C	GG	-/-
rs11030104	BDNF T64089C	A	AA	+/+
rs4970834	CELSR2 -20C7927T	T	TC	+/-
rs1800775	CETP C4402A	C	AC	+/-
rs5882	CETP I405V	A	AG	+/-
rs3810950	CHAT A120T	A	GG	-/-
rs1880676	CHAT Asp7Asn	A	GG	-/-
rs11136000	CLU A58V	C	TC	+/-
rs6656401	CR1 A27577G	A	GG	-/-
rs17571	CTSD A58V	A	GG	-/-
rs13146272	CYP4V2 Q259K	C	AA	-/-
rs892086	DNM2 G13923A	A	GG	-/-
rs2254958	EIF2AK2 C12900T	A	AG	+/-
rs3211719	F10 113777509 A5397C	G	AA	-/-
rs2289252	F11 C25264T	C	CC	+/+
rs2036914	F11 T10364C	C	CC	+/+
rs5896	F2 C494T	T	CC	-/-
rs3917643	F3 94997288 A10547G	C	TT	-/-
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs6048	F9 G580A A25386G	G	AA	-/-

Alzheimers/Cardio/Lipid					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs10793294	GAB2 G137466T	A	AC	+/-	
rs2373115	GAB2 G42719T	G	CC	-/-	
rs7019241	GOLM1 C17857992T	C	TC	+/-	
rs10868366	GOLM1 G88700060T	T	TG	+/-	
rs1613662	GP6 Pro219Ser	G	AA	-/-	
rs1800562	HFE C282Y	A	GG	-/-	
rs1799945	HFE H63D	G	CG	+/-	
rs9898	HRG Pro204Ser	C	TC	+/-	
rs6583817	IDE G91606A	C	CC	+/-	
rs2069837	IL6 A6262G	G	AA	-/-	
rs5918	ITGB3 P1A2/T196C	C	TT	-/-	
rs2731672	KNG I598T GP IIIa HPA-1	T	CC	-/-	
rs1012672	LRP6 Cys1270	A	GG	-/-	
rs2160525	LRP6 T154522C	A	GG	-/-	
rs2302685	LRP6 V1062I	C	TT	-/-	
rs242557	MAPT A52950A	A	AG	+/-	
rs11754661	MTHFD1L G25264A	G	GG	+/-	
rs1523127	NR1I2 C6709A	A	AA	+/-	
rs1050283	OLR1 C17502T	G	AA	-/-	
rs12316150	OLR1 T17500A	T	AA	-/-	
rs11591147	PCSK9 R46L	T	GG	-/-	
rs63750526	PSEN1 Ala242Glu	A	CC	-/-	
rs63751223	PSEN1 Ala422Pro	C	GG	-/-	
rs63749824	PSEN1 Ala75Val	T	CC	-/-	
rs63750900	PSEN1 Arg265His	A	GG	-/-	
rs17125721	PSEN1 Glu314Gly	G	AA	-/-	
rs63751068	PSEN1 Gly179Val	T	GG	-/-	
rs63750590	PSEN1 His159Arg	G	AA	-/-	
rs63751144	PSEN1 Leu170Met	A	CC	-/-	
rs63751163	PSEN1 Leu246Ser	C	TT	-/-	
rs63750886	PSEN1 Leu267Val	G	CC	-/-	
rs63751235	PSEN1 Leu282Val	G	CC	-/-	
rs63750218	PSEN1 Leu388Pro	C	TT	-/-	
rs63750599	PSEN1 Leu81Pro	C	TT	-/-	
rs63751037	PSEN1 Met135Val	G	AA	-/-	
rs63751229	PSEN1 Pro263Ser	T	CC	-/-	
rs63750577	PSEN1 Ser166Phe	T	CC	-/-	
rs63751320	PSEN1 Tyr252Ser	C	AA	-/-	
rs63750815	PSEN1 Val85Leu	T	GG	-/-	

Alzheimers/Cardio/Lipid					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs63750048	PSEN2 Ala85Val	T	CC	-/-	
rs63750215	PSEN2 Asn141Ile	T	AA	-/-	
rs63750110	PSEN2 Asp438Ala	C	AA	-/-	
rs63749885	PSEN2 His159Tyr	T	CC	-/-	
rs28936379	PSEN2 Met239Val	G	AA	-/-	
rs63750197	PSEN2 Ser130Leu	T	CC	-/-	
rs63749851	PSEN2 Thr122Pro	C	AA	-/-	
rs63750666	PSEN2 Thr429Met	T	CC	-/-	
rs6859	PVRL2 A37642G	A	AA	+/+	
rs2248663	RNF219 T79207588C	C	TT	-/-	
rs2227589	SERPINC1 G5301A	T	CC	-/-	
rs1792113	SORL1 A146986G	G	AG	+/-	
rs3781835	SORL1 G130294A	A	GG	-/-	
rs241448	TAP2 T14863C	A	AA	+/+	
rs1049296	TF Pro589Ser	T	TC	+/-	
rs1937	TFAM Ser12Thr	C	GG	-/-	
rs1042580	THBD A7681G	C	TT	-/-	
rs4986790	TLR4 D299G	G	AA	-/-	
rs157580	TOMM40 G45395266A	G	GG	+/+	
rs1800458	TTR Gly26Ser	A	GG	-/-	

IgE				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2814778	DARC 5174T>C	C	TT	-/-
rs2427837	FCER1A 159258545G>A	A	GG	-/-
rs2251746	FCER1A 159272060T>C	C	TT	-/-
rs2494262	FCER1A / OR10J2P 159253672C>A	A	CC	-/-
rs1800925	IL-13 C1112T 3945C>T	C	CC	+/+
rs1295685	IL13 7581A>G	A	GG	-/-
rs2040704	RAD50 85562A>G	A	AA	+/+
rs2240032	RAD50 89512C>T	T	CC	-/-
rs33977706	SOCS-1 -820G>T 11256298C>A	A	CC	-/-

		IgG			
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs1801274	FCGR2A His167Arg	A	AA	+/+	
rs7483	GSTM3 V224I	T	TT	+/+	
rs4792800	TNFRSF13B 16845167A>G	G	AA	-/-	

IgA					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs6677604	CFH 70778G>A	A	GG	-/-	
rs516246	FUT2 11945C>T	T	TT	+/+	
rs485186	FUT2 12979A>G	A	GG	-/-	
rs504963	FUT2 14638G>A	A	AA	+/+	
rs492602	FUT2 A12190G	G	GG	+/+	
rs1047781	FUT2 A12404T	T	AA	-/-	
rs602662	FUT2 G12758A	A	AA	+/+	
rs9271366	HLA 4037578A>G	G	AA	-/-	
rs9275224	HLA-DQA2 3941621G>A	A	AG	+/-	
rs1990760	IFIH1 (HLA) Ala946Thr	T	TC	+/-	
rs2229765	IGF1R 290465G>A	G	AG	+/-	
rs4728142	IRF5 974G>A	A	AG	+/-	
rs9275596	MTC03P1 4127246C>T	C	TC	+/-	
rs12150220	NLRP1 7466T>A	T	AA	-/-	
rs10733113	NLRP3 247622357A>G	G	GG	+/+	
rs17221417	NOD2 13533C>G	G	GC	+/-	
rs2066843	NOD2 19150C>T	T	TC	+/-	
rs5743289	NOD2 30725C>T	T	TC	+/-	
rs2066845	NOD2 Gly881Arg	C	GG	-/-	
rs2066847	NOD2 L1007P	C	DD	-/-	
rs9357155	PSMB8 / TAP1 / TAP2 4254376G>A	A	AG	+/-	
rs3761847	TRAF1 123690239G>A	G	AG	+/-	

Clotting Factors				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1800775	CETP C4402A	C	AC	+/-
rs13146272	CYP4V2 Q259K	C	AA	-/-
rs3211719	F10 113777509 A5397C	G	AA	-/-
rs2289252	F11 C25264T	C	CC	+/+
rs2036914	F11 T10364C	C	CC	+/+
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs6048	F9 G580A A25386G	G	AA	-/-
rs1613662	GP6 Pro219Ser	G	AA	-/-
rs9898	HRG Pro204Ser	C	TC	+/-
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs2731672	KNG I598T GP IIIa HPA-1	T	CC	-/-
rs1523127	NR1I2 C6709A	A	AA	+/+
rs2227589	SERPINC1 G5301A	T	CC	-/-

Celiac Disease/Gluten Intolerance				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6441961	3p21 near CCR3 1184A>G	T	TC	+/-
rs6822844	4q27 Region 123509421G>T	G	TG	+/-
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs2858331	HLA 4126892A>G	G	AA	-/-
rs2187668	HLA DQA1	T	TC	+/-
rs9851967	LPP 220966C>T	T	CC	-/-

Thyroid					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs231775	CTLA4 Thr17Ala	G	AG	+/-	
rs1867277	FOXE1 5378A>G	A	AG	+/-	
rs10984009	FOXE1 8124G>A	A	AG	+/-	

Eye Health				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4889294	BCMO1 36464T>C	C	TC	+/-
rs7501331	BCMO1 A379V Ala379Val	T	CC	-/-

Other Immune Factors				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6822844	4q27 Region 123509421G>T	G	TG	+/-
rs429358	APOE ApoE epsilon 4	C	TT	-/-
rs10210302	ATG16L1 C234158839T	C	TT	-/-
rs2253262	DMGDH T372G	A	AC	+/-
rs17851582	GAMT C9110T	A	GG	-/-
rs55776826	GAMT G7497A	T	CC	-/-
rs7216389	GSDMB 38069949C>T	T	CC	-/-
rs660895	HLA-DRB1 4028086A>G	G	AG	+/-
rs20541	IL-13 Gln144Arg	A	GG	-/-
rs1801275	IL4R Q576R Gln576Arg	G	AA	-/-
rs2069812	IL5 A131879916G	G	AA	-/-
rs28940578	MeFV M694I Met694Ile	T	CC	-/-
rs10181656	STAT4 51047C>G	G	CC	-/-
rs361525	TNF -238 4752G>A	A	GG	-/-
rs1800629	TNF -308 4682G>A	A	AG	+/-

Sulfite/Sulfate/Oxalate Transport					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs118204448	GALNS Ala291Ser	T	CC	-/-	
rs118204442	GALNS Arg259Gln	T	CC	-/-	
rs118204437	GALNS Arg386Cys	A	GG	-/-	
rs118204441	GALNS Arg94Cys	G	GG	+/-	
rs118204447	GALNS Asp60Asn	T	CC	-/-	
rs118204443	GALNS Gly301Cys	A	CC	-/-	
rs118204438	GALNS Ile113Phe	T	TT	+/-	
rs118204445	GALNS Phe69Val	C	AA	-/-	
rs118204444	GALNS Ser162Phe	A	GG	-/-	
rs118204446	GALNS Thr312Ser	G	GG	+/-	
rs118204449	GALNS Trp230Ter	T	CC	-/-	
rs119461974	GNS Arg355Ter	A	GG	-/-	
rs119461975	GNS Gln390Ter	A	GG	-/-	
rs193066451	HGSNAT 2359G>A	A	GG	-/-	
rs121908285	HGSNAT Arg344Cys	T	CC	-/-	
rs121908283	HGSNAT Leu321Ter	G	TT	-/-	
rs121908284	HGSNAT Met482Lys	A	TT	-/-	
rs121908282	HGSNAT Pro283Leu	T	CC	-/-	
rs121908286	HGSNAT Ser518Phe	T	CC	-/-	
rs199422229	IDS Cys422Gly	C	AA	-/-	
rs199422230	IDS Trp475Ter	T	CC	-/-	
rs199422228	IDS Trp502Ser	C	CC	+/-	
rs121965020	IDUA Gln70Ter	T	CC	-/-	
rs121965027	IDUA Leu490Pro	C	CC	+/-	
rs121965032	IDUA Thr364Met	T	CC	-/-	
rs121965019	IDUA Trp402Ter	A	GG	-/-	
rs138504221	SGSH Ser298Pro	G	AA	-/-	

Glyoxylate Metabolic Process (Figure 10)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1049748	ABP1 P574P	T	CC	-/-
rs2478545	AGT 11216C>T	A	GG	-/-
rs3789670	AGT 11623G>A	T	CC	-/-
rs2493132	AGT 11780A>G	T	TC	+/-
rs2478523	AGT 13828T>C	A	AA	+/+
rs7079	AGT 17006C>A	T	GG	-/-
rs5049	AGT 5254G>A	T	CC	-/-
rs11568020	AGT 5319G>A	T	CC	-/-
rs5051	AGT 5465G>A	C	TC	+/-
rs2148582	AGT 5538T>C	A	AG	+/-
rs2493134	AGT 5978A>G	T	TC	+/-
rs2004776	AGT 6635G>A	T	TC	+/-
rs699	AGT M235T/C4072T	A	AG	+/-
rs4762	AGT Thr207Met	A	GG	-/-
rs4426527	AGXT I340M	G	AA	-/-
rs344156	AGXT2 A35035579G	G	GG	+/+
rs40200	AGXT2 A35045745G	G	GG	+/+
rs7717823	AGXT2 C35000795T	C	CC	+/+
rs37369	AGXT2 V140I	T	CC	-/-
rs16899974	AGXT2 V498L	A	CC	-/-
rs1377210	AGXT2L1 S127P	A	AG	+/-
rs3810174	BCKDHA C5472T	T	TT	+/+
rs10455370	BCKDHB C229524T	T	CC	-/-
rs6931421	BCKDHB T68795G	G	TT	-/-
rs3741775	DAO A14747C	C	CC	+/+
rs3918347	DAO A24464G	G	AA	-/-
rs2070586	DAO G8864A	A	GG	-/-
rs2111902	DAO T9891G	T	TT	+/+
rs2810424	DBT A56731G	C	CC	+/+
rs12021720	DBT G384S	T	CC	-/-
rs2057149	DDO C110717493T	C	TT	-/-
rs3740015	DHTKD1 Y272D	T	GG	-/-
rs2303436	DLAT A43V	T	CC	-/-
rs10263341	DLD T19214C	T	TC	+/-
rs732765	DLST A22136G	G	AG	+/-
rs11789777	GLDC A55715G	C	TC	+/-
rs7848919	GLDC C118216T	G	GG	+/+
rs2423322	HAO1 A7873112G	G	GG	+/+
rs6118004	HAO1 C7897049T	C	CC	+/+

Glyoxylate Metabolic Process (Figure 10)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs16994134	HAO1 T7894092C	C	TC	+/-
rs2423334	HAO1 T7905947C	T	TC	+/-
rs2297644	HOGA1 T20638C	C	TT	-/-
rs730168	LDHD C75150275T	C	TC	+/-
rs2259073	LIAS A19410C	C	AA	-/-
rs459894	NDUFAB1 A23601488G	A	AG	+/-
rs497582	PDHX V271V	C	TC	+/-

Thiamin/Thiamine Degradation (Figure 11)					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs975508	ATP8A2 (ATP) A7545586G	A	GG	-/-	
rs912514	ATP8A2 (ATP) C7524369T	C	TT	-/-	
rs6491066	ATP8A2 (ATP) F561F	T	TT	+/+	
rs3117849	ATP8A2 (ATP) G7279179A	A	GG	-/-	
rs7320729	ATP8A2 (ATP) T7044148C	T	TC	+/-	
rs3783139	ATP8A2 (ATP) T7520642C	C	TT	-/-	
rs480575	CAT A12175G	G	AA	-/-	
rs11032703	CAT C14185T	T	CC	-/-	
rs2300181	CAT C21068T	T	CC	-/-	
rs2297810	CYP4B1 M332I	A	GG	-/-	
rs4646487	CYP4B1 R173W	T	CC	-/-	
rs2297809	CYP4B1 R376C	T	CC	-/-	
rs762515	G6PD A16260G	C	TT	-/-	
rs5986990	G6PD G153761628A	A	GG	-/-	
rs2472394	G6PD G9437T	A	CC	-/-	
rs1050829	G6PD A376G	C	TT	-/-	
rs2230036	G6PD Q402Q	T	CC	-/-	
rs72554664	G6PD R493H	T	CC	-/-	
rs1050828	G6PD V98M	T	CC	-/-	
rs769395	GAD1 (GAD) A48604A	G	AG	+/-	
rs2241165	GAD1 (GAD) C10180T	C	TC	+/-	
rs3828275	GAD1 (GAD) C14541T	T	TC	+/-	
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-	
rs12185692	GAD1 (GAD) C2627A	A	AC	+/-	
rs701492	GAD1 (GAD) C34281T	C	TC	+/-	
rs769407	GAD1 (GAD) G25509C	C	CG	+/-	
rs3791878	GAD1 (GAD) G3992T	T	GG	-/-	
rs3749034	GAD1 (GAD) G5276A	A	AG	+/-	
rs2058725	GAD1 (GAD) T21922C	C	TC	+/-	
rs3791851	GAD1 (GAD) T30473C	C	TC	+/-	
rs2236418	GAD2 (GAD) A26505496G	A	AA	+/+	
rs8190646	GAD2 (GAD) A26520507G	G	AA	-/-	
rs1330581	GAD2 (GAD) A26528835G	A	AA	+/+	
rs8190612	GAD2 (GAD) C26512375T	T	CC	-/-	
rs1805398	GAD2 (GAD) G26474809T	G	GG	+/+	
rs12009	HSPA5 (GRP78) C11364T	A	GG	-/-	
rs430397	HSPA5 (GRP78) G7548A	T	CC	-/-	
rs2066786	RFC1 P848P	C	TC	+/-	
rs6844176	RFC1 T39366590C	C	TC	+/-	

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

Thiamin/Thiamine Degradation (Figure 11)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6851075	RFC1 T39367654C	C	TT	-/-
rs35786590	SLC19A1 A518V	A	GG	-/-
rs4818789	SLC19A1 C18559A	G	TG	+/-
rs3788190	SLC19A1 C30428T	A	AG	+/-
rs1051298	SLC19A1 C32560T	A	AG	+/-
rs2330183	SLC19A1 G14094A	T	TC	+/-
rs4819130	SLC19A1 G9087A	T	TC	+/-
rs1051266	SLC19A1 H27R	T	TC	+/-
rs12659	SLC19A1 P192P	A	AG	+/-
rs1051296	SLC19A1 T32525G	C	AC	+/-
rs3788200	SLC19A1 (THTR2) T10815C	A	AG	+/-
rs6656822	SLC19A2 A23663G	T	TC	+/-
rs12185721	SLC19A3 L252L	T	CC	-/-
rs2156310	TFF1 G781047A	A	AG	+/-
rs4687718	TKT A53282303G	A	AG	+/-
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	T	CC	-/-
rs766419	TKTL1 A35635G	G	AA	-/-
rs2872817	TKTL1 A39392G	G	AA	-/-
rs766420	TKTL1 C35378G	G	CC	-/-
rs969356	TPK1 C364824T	G	AA	-/-

HLA				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs9271366	HLA 4037578A>G	G	AA	-/-
rs2858331	HLA 4126892A>G	G	AA	-/-
rs2187668	HLA DQA1	T	TC	+/-
rs3823339	HLA-A 7727C>G	G	GC	+/-
rs1061235	HLA-A 8057A>T	T	AA	-/-
rs2523608	HLA-B 7431C>T	A	AG	+/-
rs3819299	HLA-B His363Pro	G	TT	-/-
rs2001181	HLA-C 7911A>G	C	TT	-/-
rs23544	HLA-DMB 4348055C>T	T	CC	-/-
rs151719	HLA-DMB 4348318T>C	C	TT	-/-
rs86567	HLA-DOA 5631C>A	G	GG	+/+
rs2284191	HLA-DOA 5736C>T	A	GG	-/-
rs399604	HLA-DOA 7376A>G	C	TC	+/-
rs2581	HLA-DOA 7989C>A	T	TG	+/-
rs376892	HLA-DOA 9503C>T	G	GG	+/+
rs1044429	HLA-DOA 9748G>A	T	CC	-/-
rs3128935	HLA-DOA 9986A>G	T	TT	+/+
rs7383287	HLA-DOB 6740T>C	G	AG	+/-
rs2071473	HLA-DOB 7221G>A	C	CC	+/+
rs2071474	HLA-DOB 7244G>A	T	CC	-/-
rs2856997	HLA-DOB 8050G>T	C	CC	+/+
rs11244	HLA-DOB 9102C>T	A	AG	+/-
rs2301226	HLA-DPA1 18960C>T	A	GG	-/-
rs3077	HLA-DPA1 20534T>C	A	AA	+/+
rs9277535	HLA-DPB1 16159A>G	G	AA	-/-
rs9277555	HLA-DPB1 16903G>A	G	GG	+/+
rs9275224	HLA-DQA2 3941621G>A	A	AG	+/-
rs17500468	HLA-DQA2 4156973A>G	G	AA	-/-
rs9276431	HLA-DQA2 4158042T>C	T	TT	+/+
rs17500510	HLA-DQA2 4158614G>A	A	GG	-/-
rs2239800	HLA-DQA2 4159063A>G	G	AA	-/-
rs7453920	HLA-DQB2 4175809A>G	G	AA	-/-
rs2051549	HLA-DQB2 4175883G>A	G	GG	+/+
rs1573649	HLA-DQB2 Met1 Thr	G	GG	+/+
rs3135394	HLA-DRA 5055G>A	G	AG	+/-
rs9268645	HLA-DRA 5085C>G	G	CG	+/-
rs3129878	HLA-DRA 5293C>A	A	AC	+/-
rs3129882	HLA-DRA 6087A>G	G	AA	-/-
rs6911777	HLA-DRA 6553T>C	C	TT	-/-

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 MTHFRSupport.com 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 2011-2018 MTHFR Support LLC

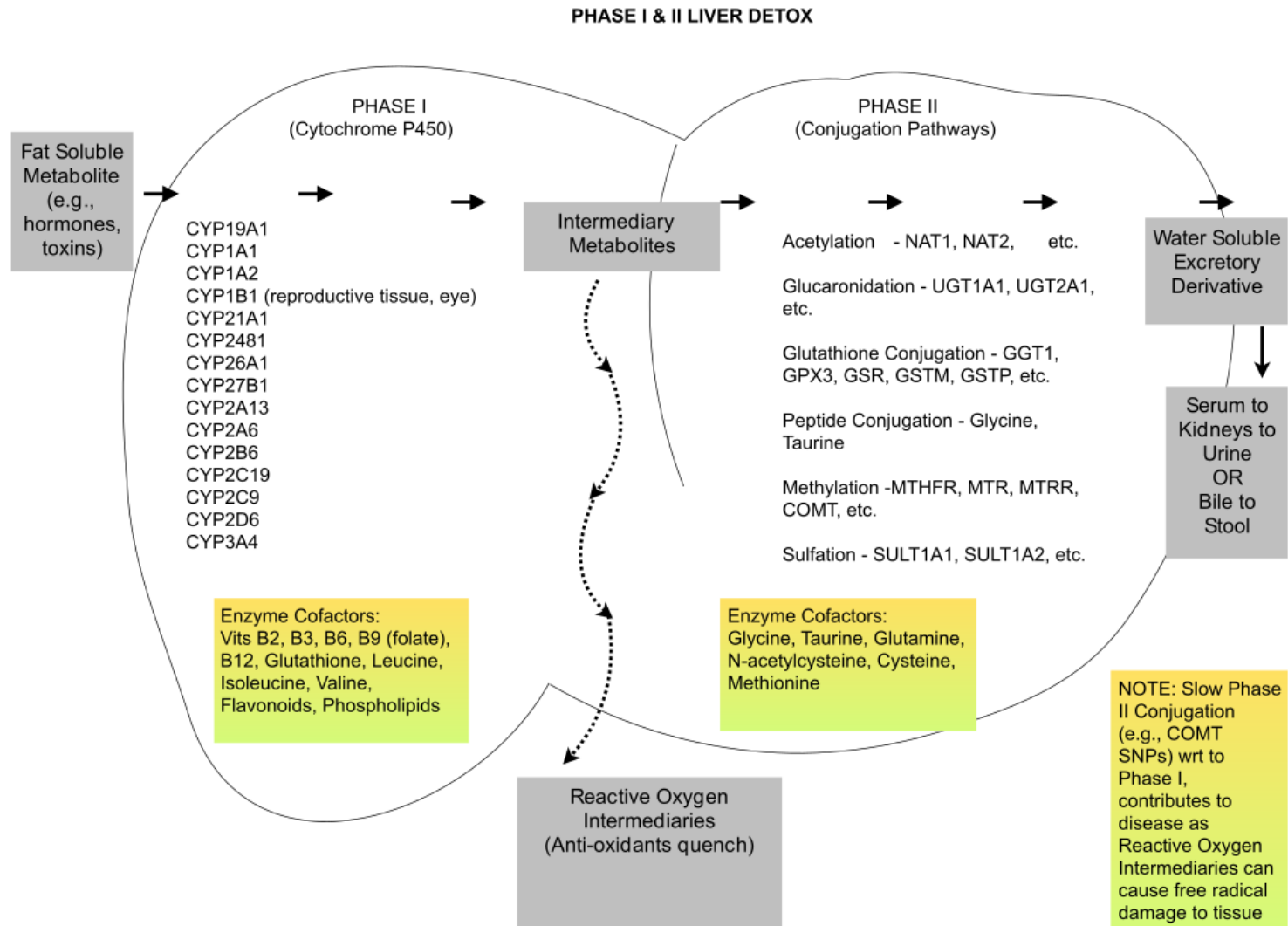
HLA				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs3129883	HLA-DRA 6694C>T	T	CC	-/-
rs9268658	HLA-DRA 7273G>A	A	AG	+/-
rs3135391	HLA-DRA 7544G>A	G	GG	+/+
rs8084	HLA-DRA 7592A>C	C	AC	+/-
rs2239804	HLA-DRA 8080T>C	C	TC	+/-
rs3129888	HLA-DRA 8283A>G	G	AA	-/-
rs2239803	HLA-DRA 8390C>T	T	TC	+/-
rs2239802	HLA-DRA 8403G>C	C	GG	-/-
rs3177928	HLA-DRA 8958G>A	A	GG	-/-
rs7194	HLA-DRA 9003G>A	A	AG	+/-
rs1041885	HLA-DRA 9332A>T	A	AT	+/-
rs7192	HLA-DRA Leu242Val	T	TG	+/-
rs660895	HLA-DRB1 4028086A>G	G	AG	+/-
rs7775228	HLA-DRB4 4103732T>C	C	TT	-/-
rs9268831	HLA-DRB9 7239C>T	T	TC	+/-
rs9268832	HLA-DRB9 7280T>C	C	TC	+/-
rs2743951	HLA-F-AS1 7747G>A	T	TT	+/+
rs2844846	HLA-F-AS1, MICE 4945T>A	T	TT	+/+
rs1632933	HLA-G 8178C>T	T	TC	+/-
rs1063320	HLA-G 8994C>G	C	CG	+/-
rs9380142	HLA-G 9039A>G	G	AG	+/-
rs1610696	HLA-G 9048C>G	G	CG	+/-
rs2517701	HLA-W 2462A>T	T	TA	+/-
rs3094228	HLA-X 441A>G	C	TC	+/-

Iron Uptake & Transport					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs2622621	ABCG2 126555G>C	G	GG	+/+	
rs2231164	ABCG2 89015857C>T	T	TT	+/+	
rs13120400	ABCG2 89033527T>C	C	TT	-/-	
rs1481012	ABCG2 89039082A>G	A	AA	+/+	
rs4148155	ABCG2 89054667A>G	G	AA	-/-	
rs4148152	ABCG2 89060909T>C	C	TT	-/-	
rs3114018	ABCG2 89064581A>C	T	AC	-/-	
rs2622604	ABCG2 89078924T>C	T	CC	-/-	
rs72552713	ABCG2 Gln126Ter	A	GG	-/-	
rs2231142	ABCG2 Gln141Lys	T	GG	-/-	
rs3116448	ABCG2 Ser248Pro	G	AA	-/-	
rs2266917	ATP6V1B1 11708C>T	T	TT	+/+	
rs2239484	ATP6V1B1 15411A>G	A	AA	+/+	
rs2071594	ATP6V1G2-DDX39B,ATP6V1G2 3093G>C	C	CG	+/-	
rs235756	BMP2 C282Y	G	AA	-/-	
rs701755	CP 148902714T>C	C	TC	+/-	
rs13072552	CP 148913126G>T	T	GG	-/-	
rs772908	CP 148923656G>A	A	AG	+/-	
rs11709714	CP 148931980G>A	A	AG	+/-	
rs701753	CP Asp544Glu	A	AA	+/+	
rs960748	CYBRD1 171523426G>A	A	AA	+/+	
rs10455	CYBRD1 Ser208Asn	G	AA	-/-	
rs1264216	HEPH 57825T>G	G	TT	-/-	
rs17216603	HEPH Ala598Thr	A	GG	-/-	
rs1800562	HFE C282Y	A	GG	-/-	
rs1799945	HFE H63D	G	CG	+/-	
rs2071749	HMOX1 11354A>G	A	AA	+/+	
rs11912889	HMOX1 11558G>A	A	GG	-/-	
rs5755720	HMOX1 14814A>G	A	AA	+/+	
rs2071748	HMOX1 5559G>A	A	GG	-/-	
rs2071747	HMOX1 Asp7His	C	GG	-/-	
rs149411	SLC11A2 51380232A>G	G	GG	+/+	
rs224589	SLC11A2 51399050T>G	G	GG	+/+	
rs4667287	SLC40A1 190431875C>A	C	AA	-/-	
rs1123109	SLC40A1 190444392T>C	C	TT	-/-	
rs708672	STEAP3 10971G>T	G	GG	+/+	
rs12711924	STEAP3 35788G>A	A	AA	+/+	
rs838102	STEAP3 8350G>A	A	GG	-/-	

Iron Uptake & Transport					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs4241357	TF 15587G>T	T	TG	+/-	
rs1799852	TF 15746C>T	T	CC	-/-	
rs1880669	TF 23720T>C	T	TC	+/-	
rs3811647	TF 24053G>A	A	AG	+/-	
rs1358024	TF 24212C>T	T	TC	+/-	
rs1130459	TF 5307A>G	A	AG	+/-	
rs4428180	TF 6398A>G	G	AA	-/-	
rs12493168	TF 6612A>G	G	AA	-/-	
rs8177190	TF 7720C>T	T	CC	-/-	
rs8177191	TF 8163G>A	A	GG	-/-	
rs1799899	TF Gly277Ser	A	GG	-/-	
rs1049296	TF Pro589Ser	T	TC	+/-	
rs406271	TFRC 195776976T>C	T	TT	+/+	
rs3804141	TFRC 195796908C>T	T	CC	-/-	
rs480760	TFRC 195798258T>C	T	CC	-/-	
rs3817672	TFRC Gly142Ser	T	TT	+/+	

Molybdenum					
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results	
rs291593	DPYD 97543752G>A	A	AG	+/-	
rs291592	DPYD 97543764C>T	T	TC	+/-	
rs1399291	DPYD 97576922C>T	T	TC	+/-	
rs828054	DPYD 97610026G>T	G	TG	+/-	
rs11587873	DPYD 97653070C>T	T	TC	+/-	
rs12137711	DPYD 97700589C>T	T	TC	+/-	
rs7548189	DPYD 97867713C>A	C	CC	+/+	
rs3918290	DPYD 97915614C>T	T	CC	-/-	
rs17376848	DPYD 97915624A>G	G	AA	-/-	
rs56038477	DPYD 98039419C>T	T	CC	-/-	
rs56293913	DPYD 98039541A>G	G	AA	-/-	
rs1801266	DPYD Arg235Trp	A	GG	-/-	
rs67376798	DPYD Asp949Val	A	TT	-/-	
rs1801265	DPYD Cys29Arg	A	AA	+/+	
rs1801159	DPYD Ile543Val	C	TT	-/-	
rs55886062	DPYD Ile560Asn	C	AA	-/-	
rs2297595	DPYD Met166Val	C	TT	-/-	
rs1801158	DPYD Ser534Asn	T	CC	-/-	
rs115232898	DPYD Tyr186Cys	C	TT	-/-	
rs1801160	DPYD Val732Ile	T	00	-/-	
rs1801268	DPYD Val995Phe	A	CC	-/-	
rs2301995	ELN 14714G>A	A	GG	-/-	
rs4717865	ELN 16773G>A	A	AG	+/-	
rs2856728	ELN 33356C>T	T	TT	+/+	
rs2528795	ELN 36068T>C	C	TT	-/-	
rs2071307	ELN Gly422Ser	G	GG	+/+	
rs41511151	ELN Gly711Asp	A	GG	-/-	
rs8020095	GPHN 484734G>A	A	AG	+/-	
rs2297385	KCNQ2 62070966G>A	A	GG	-/-	
rs1801475	KCNQ2 Asn752Thr	T	GG	-/-	
rs7785	PNP 12473C>T	T	CC	-/-	
rs1049564	PNP Gly51Ser	G	GG	+/+	
rs121908008	SUOX Ala265Asp	A	CC	-/-	
rs121908007	SUOX Arg217Gln	A	GG	-/-	
rs121908009	SUOX Gly530Asp	A	GG	-/-	
rs723744	TTR 5747G>T	T	TT	+/+	
rs1800458	TTR Gly26Ser	A	GG	-/-	
rs76992529	TTR Val142Ile	A	GG	-/-	
rs207444	XDH 31563797A>G	A	GG	-/-	

Molybdenum				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1884725	XDH 31571786A>G	A	AG	+/-
rs1429376	XDH 31588561A>C	A	AA	+/+
rs185925	XDH 31609993G>A	G	AG	+/-
rs2073316	XDH 31611029G>A	A	GG	-/-
rs206811	XDH 31636915A>G	A	AG	+/-
rs17323225	XDH Ile646Val	C	TT	-/-
rs17011368	XDH Ile703Val	C	TT	-/-



© 2014 Cynthia L. Smith

YEAST & ALCOHOL METABOLISM—> METHYLATION INHIBITION & LEAKY GUT & LOW ENERGY PRODUCTION (decreased Krebs's)

ANAEROBIC ORGANISMS
In GI TRACT!

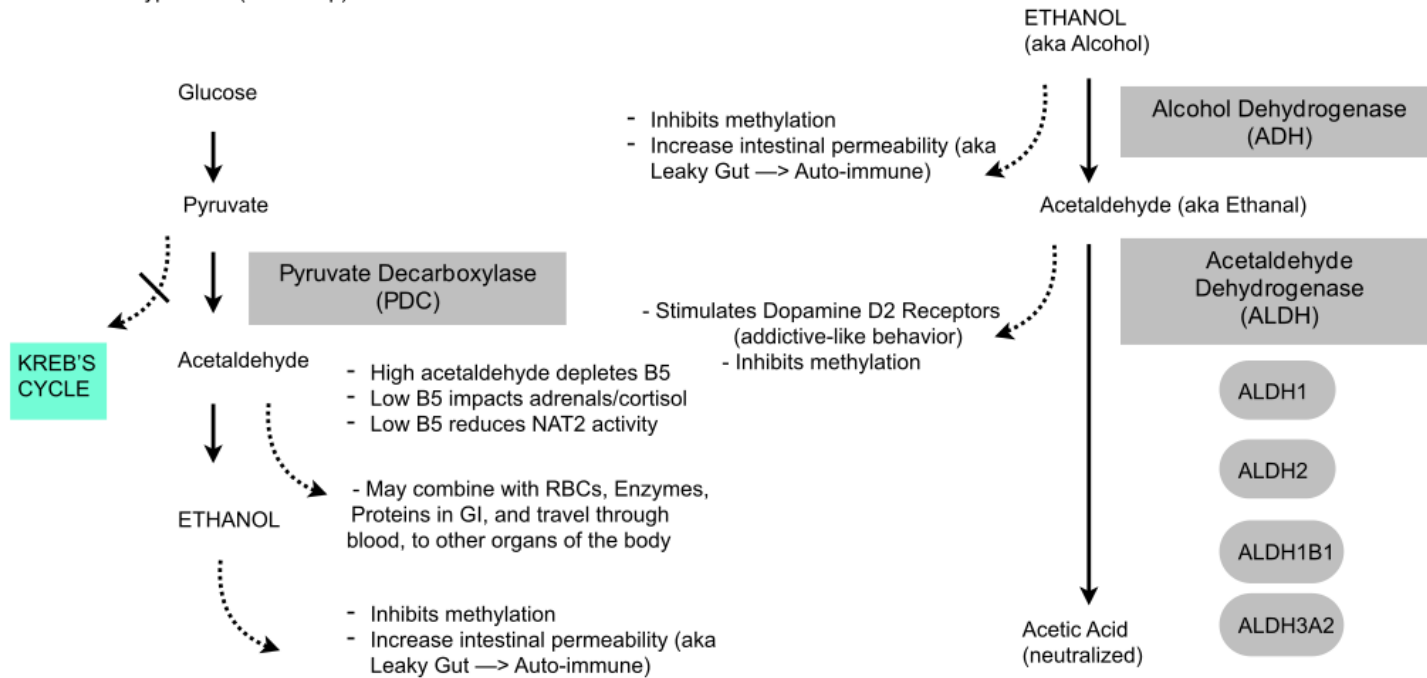
Yeast from:

- Antibiotics
- BCPs
- Prednisone
- Sugar
- Stress (Cortisol)
- Glyphosate (Round-up)

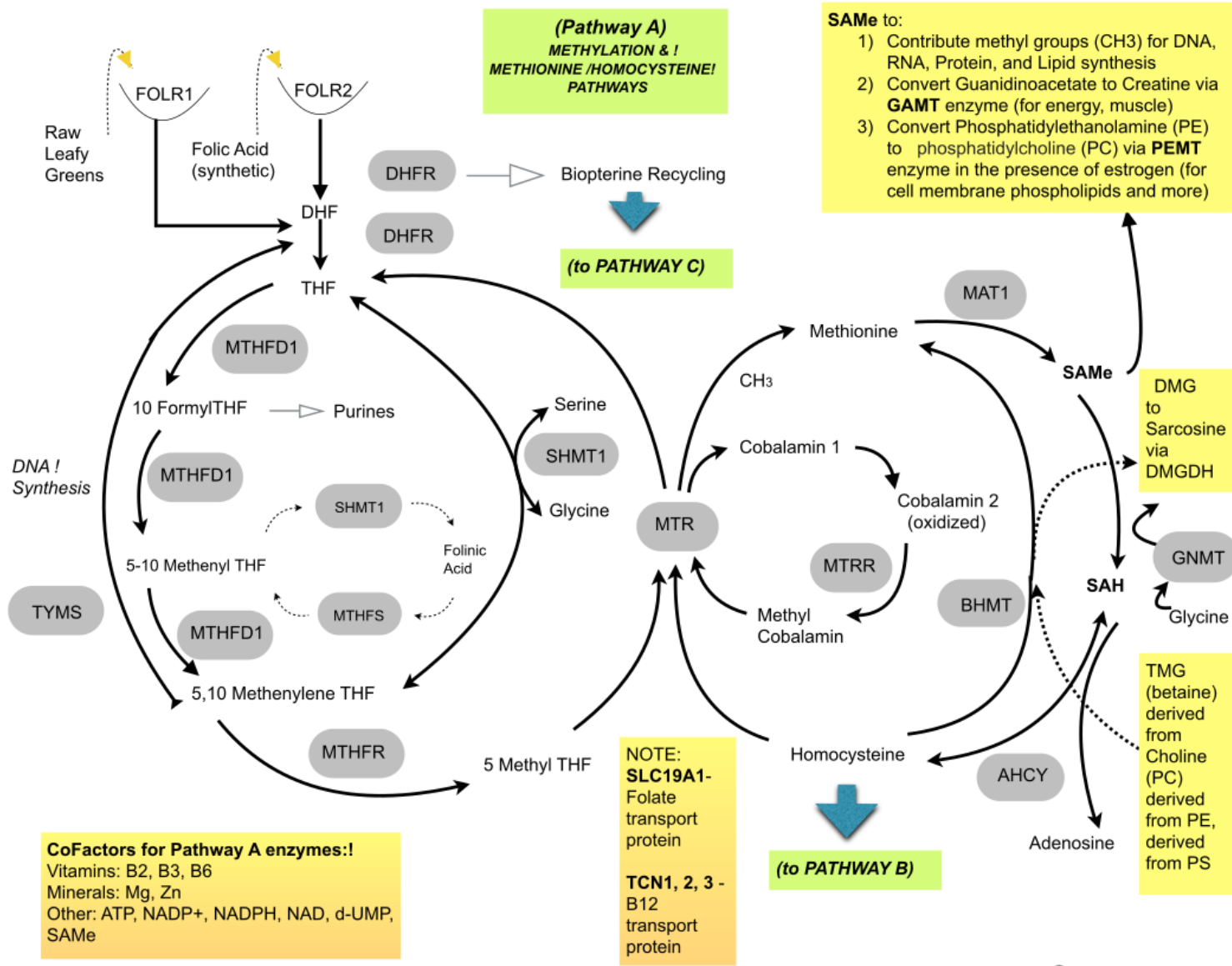
NOTE: The presence of Candida in GI tract diverts Pyruvate away from it's preferred aerobic pathway (Kreb's Cycle), and results in less cellular energy

Down-regulation of acetyl-dehydrogenase enzymes may result in increase exposure to dangerous Acetaldehydes

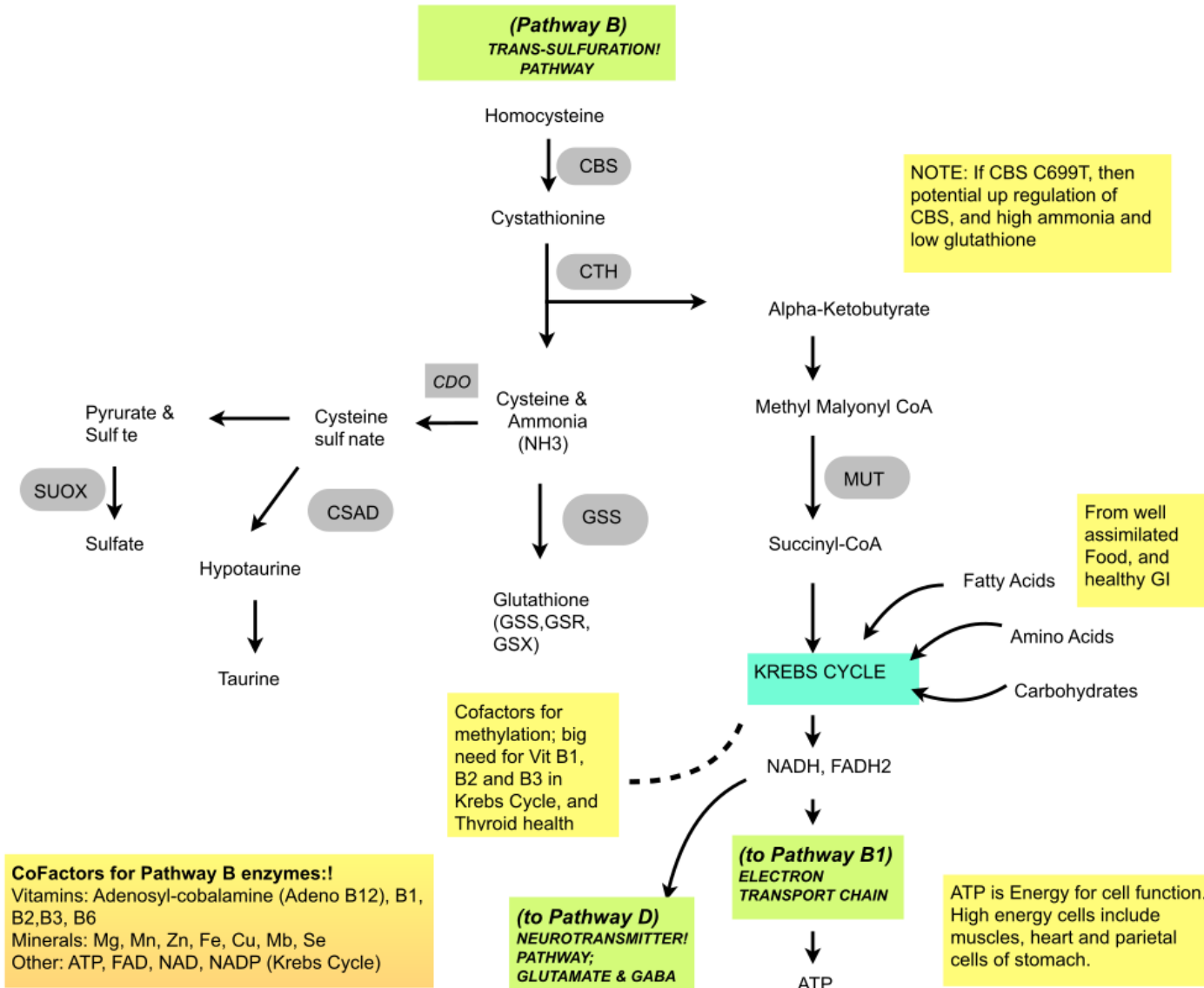
In LIVER



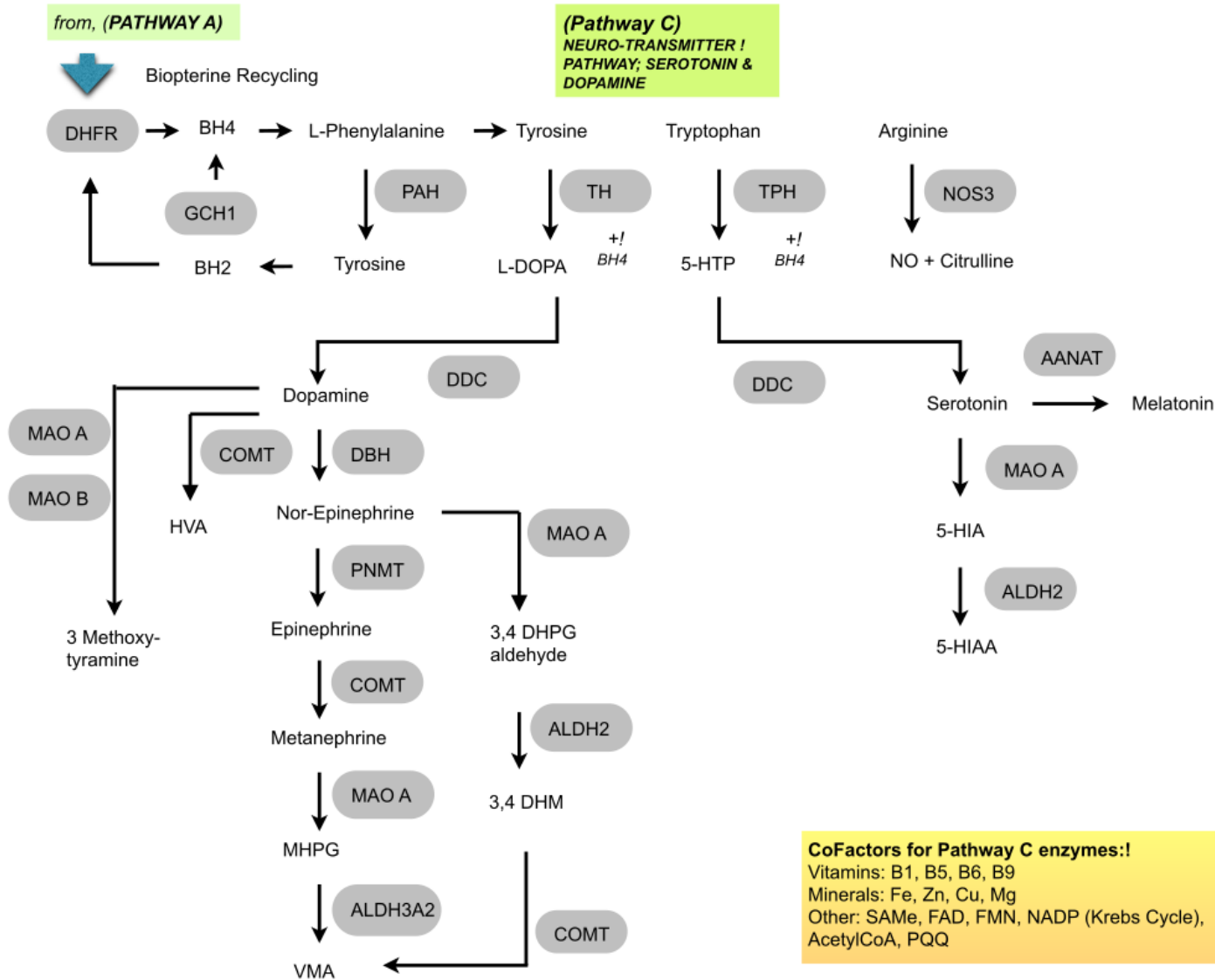
© 2014 Cynthia L. Smith



© 2014 Cynthia L. Smith

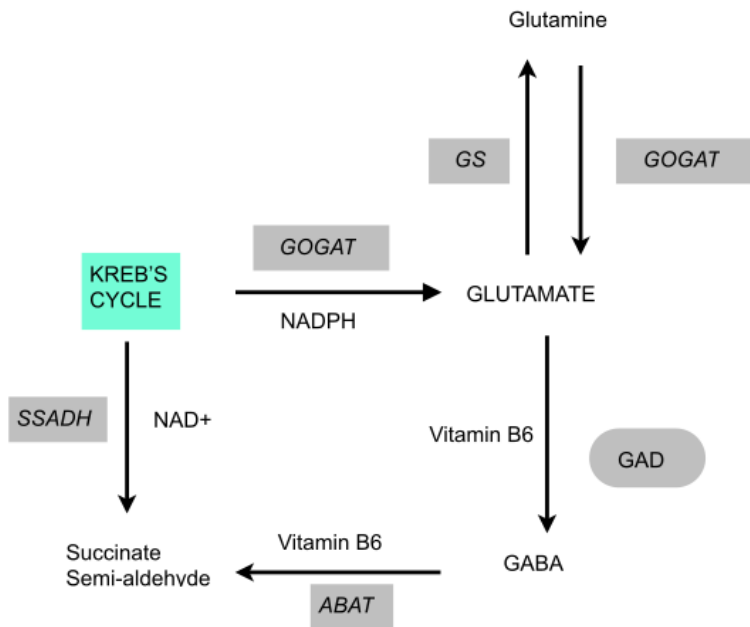


© 2014 Cynthia L. Smith



© 2014 Cynthia L. Smith

(Pathway D)
NEURO-TRANSMITTER
PATHWAY; GLUTAMATE &
GABA



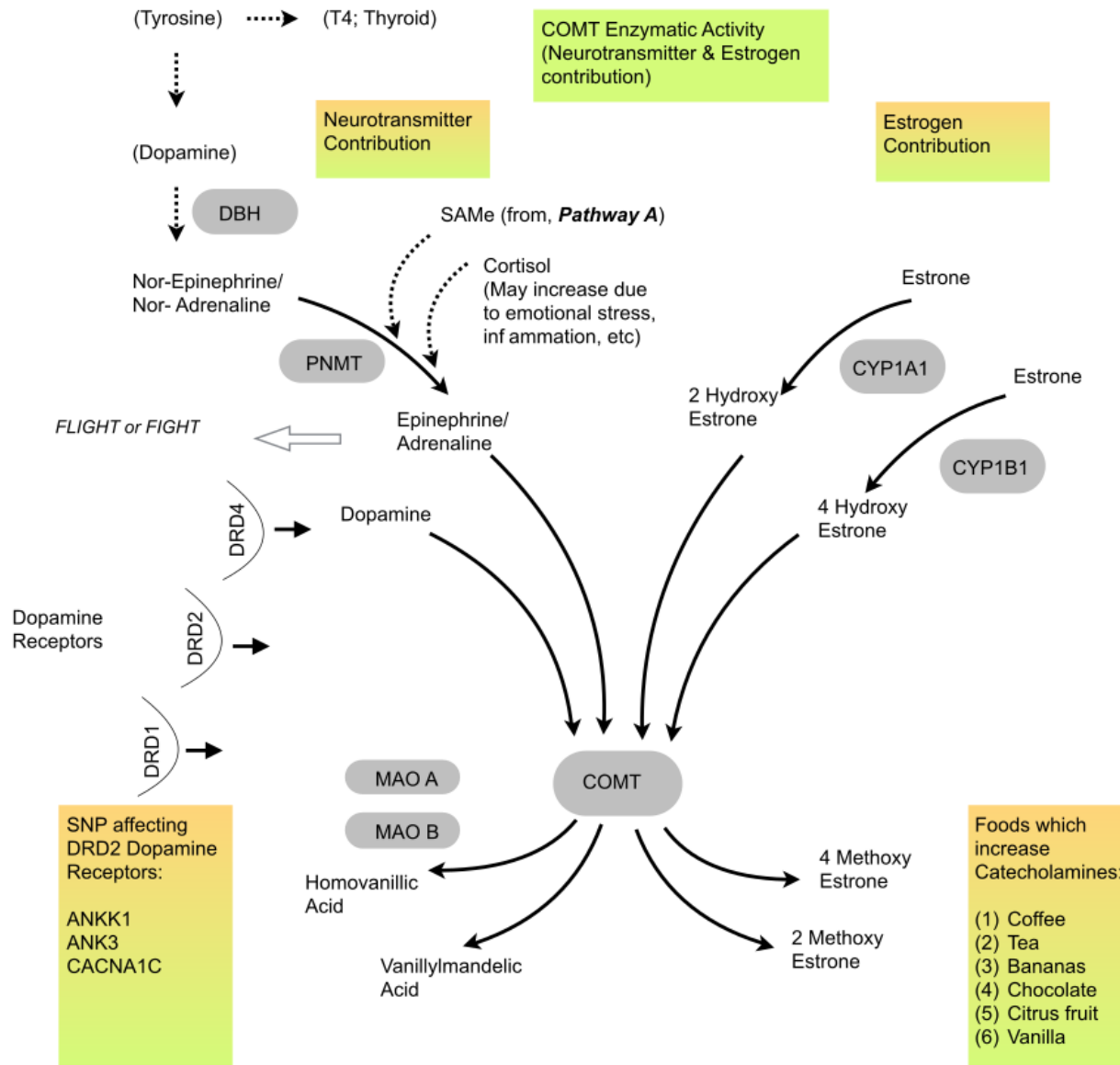
GS - Glutamine Synthetase - Located in brain astrocytes. Neuro-protective against excitotoxicity via taking up excess ammonia and glutamate and converting it into glutamine via the enzyme GS

GOGAT - aka Glutamate Synthase (NADPH) - Manufactures glutamate from glutamine and α -ketoglutarate, and thus along with glutamine synthetase (abbreviated GS) plays a central role in the regulation of nitrogen assimilation

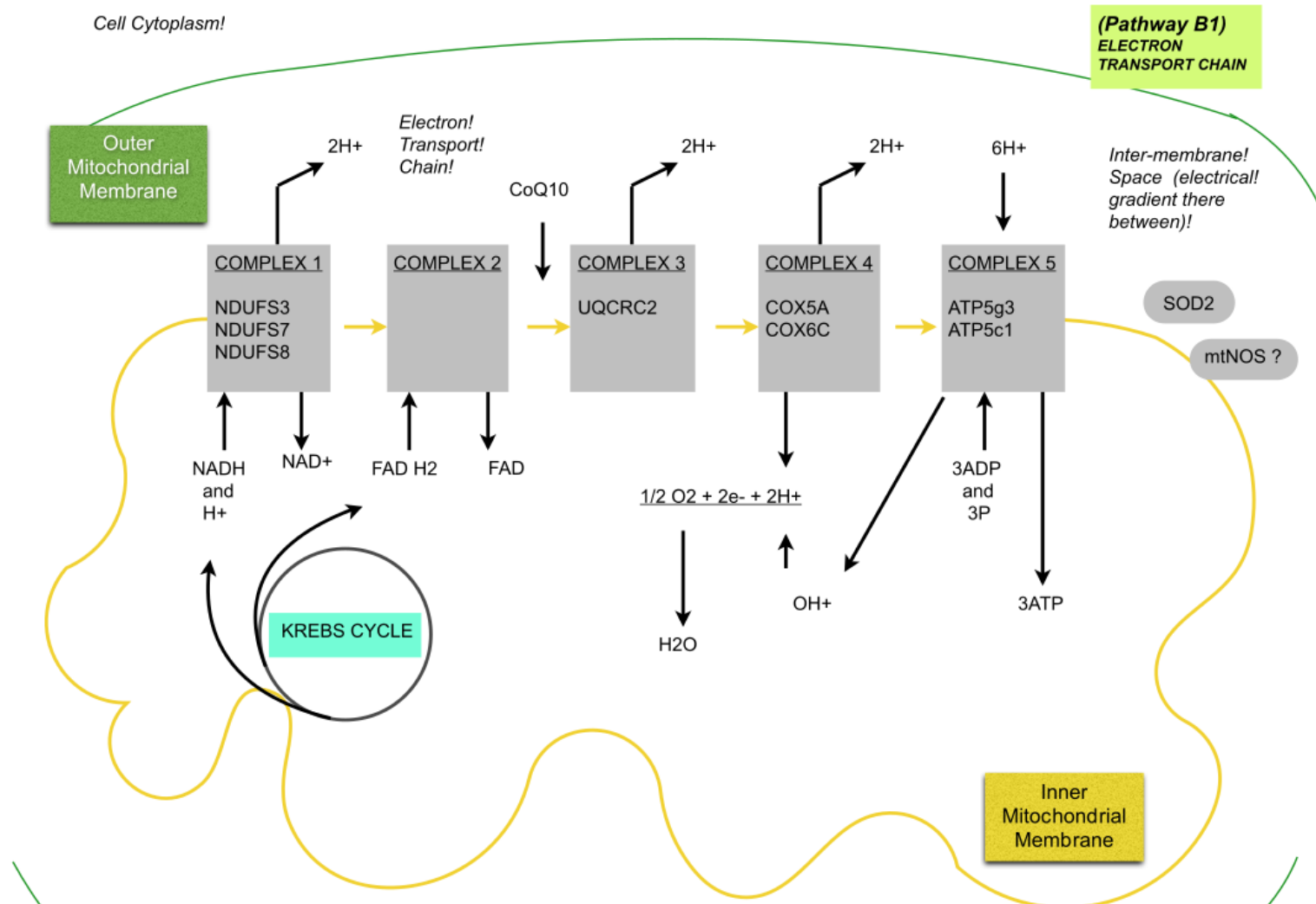
GAD - Glutamate decarboxylase - Responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid

ABAT - 4-aminobutyrate aminotransferase - Responsible for catabolism of gamma-aminobutyric acid (GABA), a mostly inhibitory neurotransmitter in the central nervous system, into succinic semialdehyde

SSADH - Succinate semialdehyde dehydrogenase - one of three enzymes utilized in 4-aminobutyrate (GABA) degradation

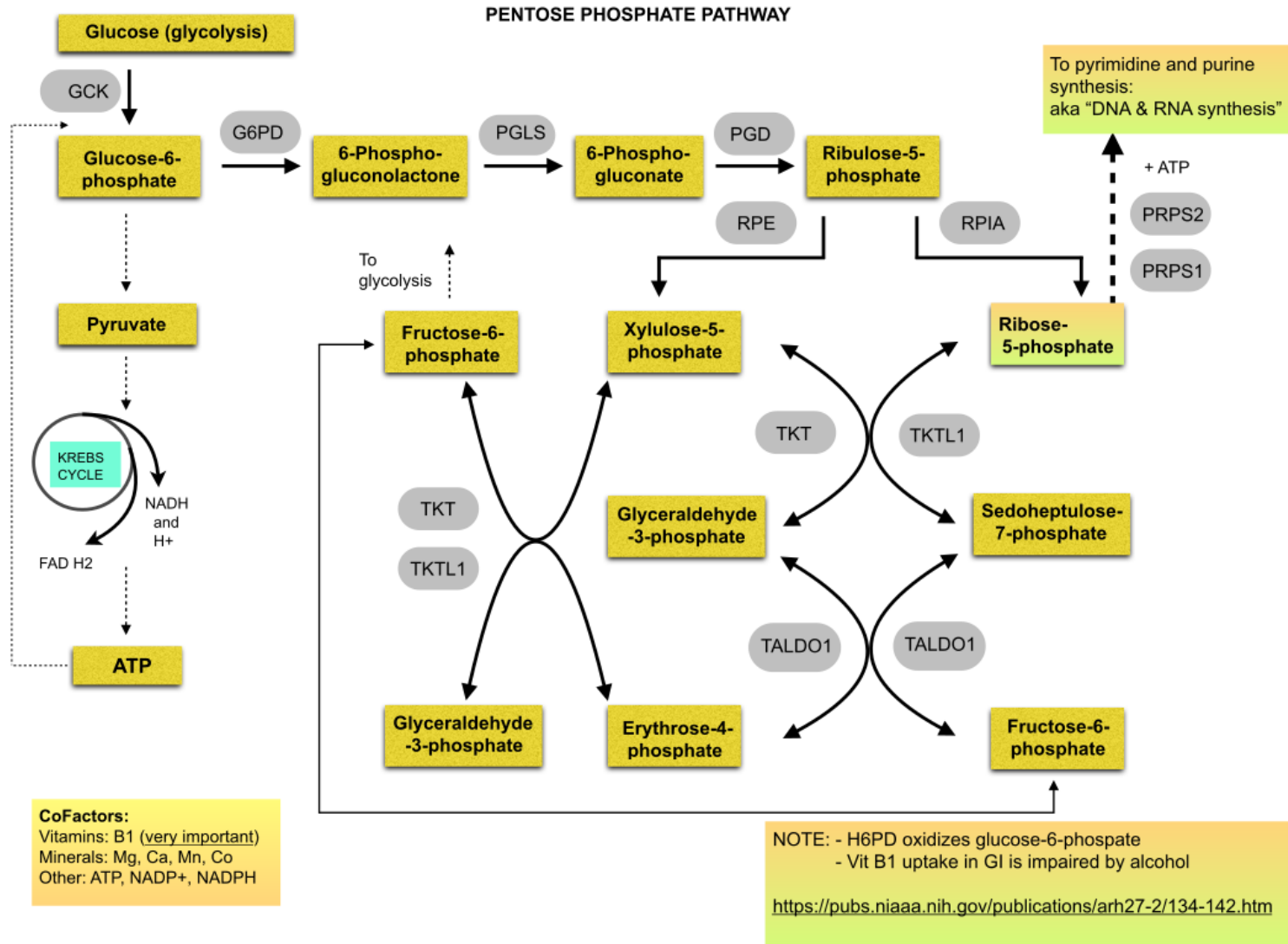


© 2014 Cynthia L. Smith



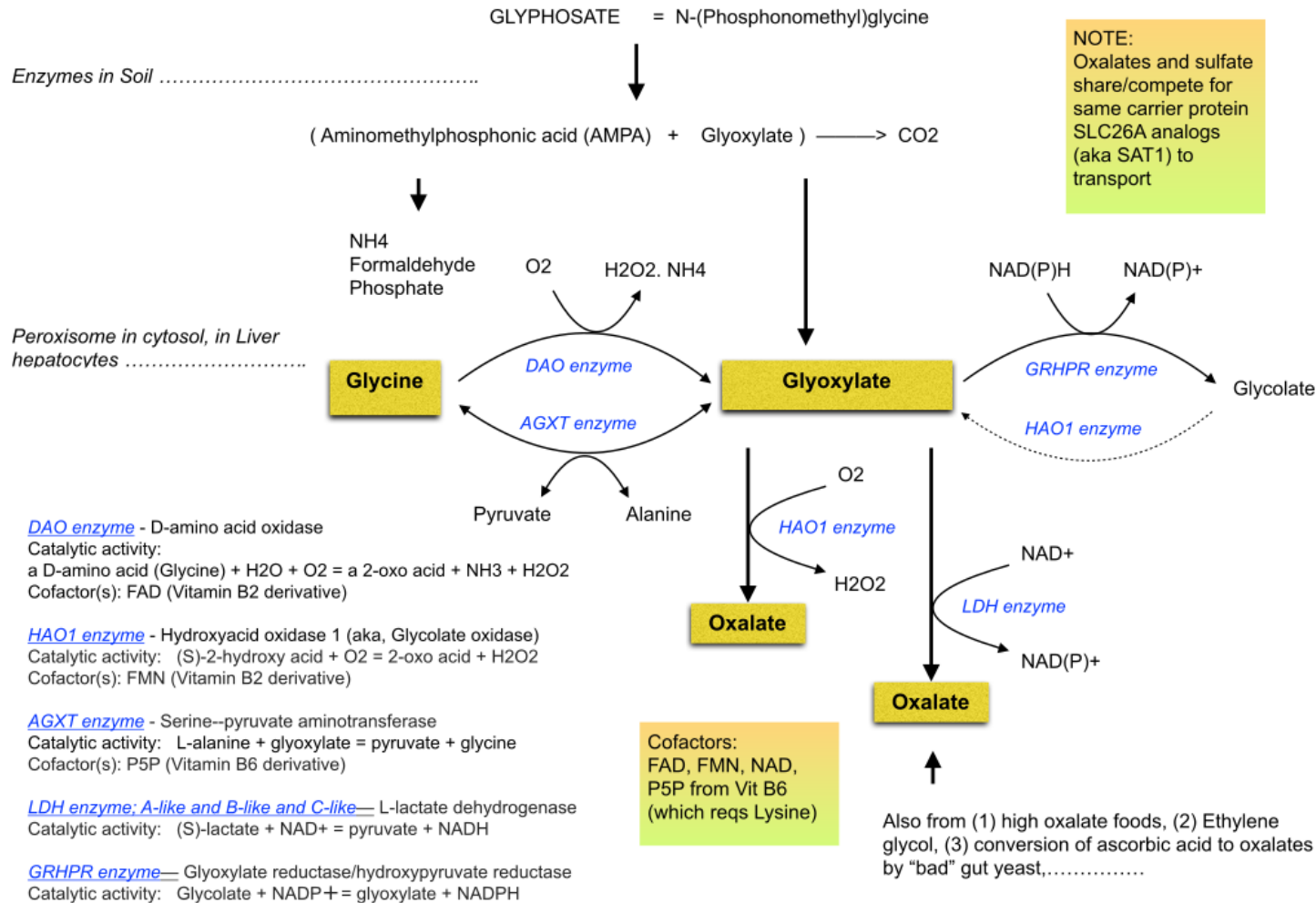
NOTE: Mitochondria "power plants", in every cell except RBCs, have an inner and outer membrane. The Krebs Cycle takes place inside the Inner Membrane, while the Electron Transport Chain functions within the inner membrane, using the electrical gradient between the inner and outer membrane. Healthy membranes are key, as are good assimilation of fats, carbs and proteins (e.g., healthy GI function) which drive the Krebs cycle, along with Vitamins B1, B2 and B3.

© 2014 Cynthia L. Smith



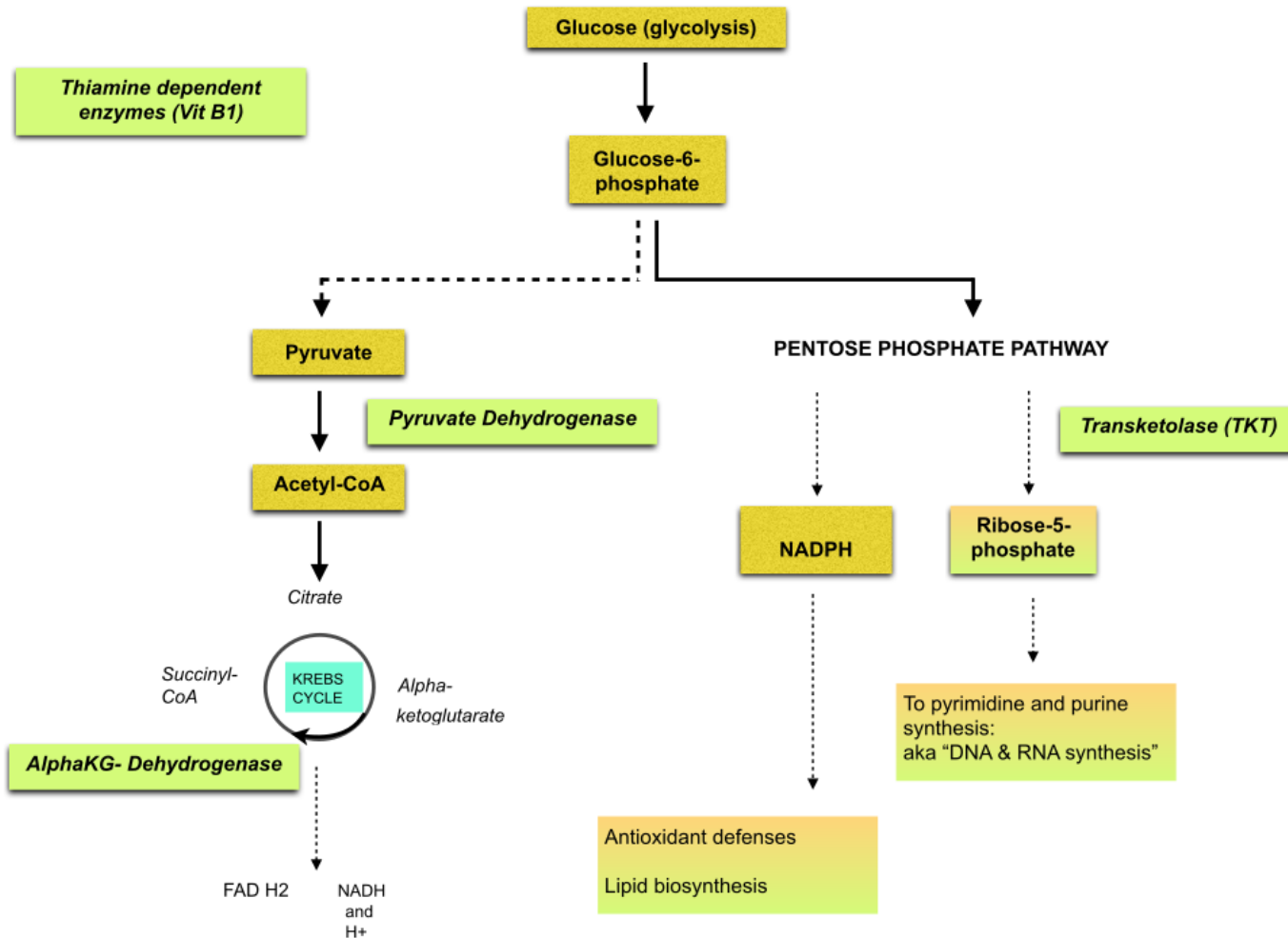
© 2017 Cynthia L. Smith

GLYPHOSATE DEGRADATION



© 2017 Cynthia L. Smith

OVERVIEW CONNECTION BETWEEN: GLYCOLYSIS & PENTOSE PHOSPHATE PATHWAY & KREBS CYCLE & THIAMINE



© 2017 Cynthia L. Smith