

Liver Detox - Phase I (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1048943	CYP1A1*2C A4889G	C	TT	-/-
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs2470890	CYP1A2 1545T>C	C	TC	+/-
rs762551	CYP1A2*1F C164A	A	AC	+/-
rs2069526	CYP1A2*1K -739T>G	G	TT	-/-
rs56276455	CYP1A2*3 D348N	A	GG	-/-
rs9341266	CYP1B1 C1871T	A	GG	-/-
rs1056836	CYP1B1 L432V	G	GG	+/+
rs1800440	CYP1B1 N453S	C	TT	-/-
rs9282671	CYP1B1 T241A	C	AA	-/-
rs72549389	CYP1B1 T5795C	G	AA	-/-
rs1801272	CYP2A6*2 A1799T	T	TA	+/-
rs35303484	CYP2B6 A136G	G	AA	-/-
rs34097093	CYP2B6 C1132T	T	CC	-/-
rs8192719	CYP2B6 C26570T	T	TC	+/-
rs7260329	CYP2B6 G29435A	G	GG	+/+
rs28399499	CYP2B6 I328T	C	TT	-/-
rs2279343	CYP2B6 L262A	G	AG	+/-
rs3745274	CYP2B6 Q172H	T	TG	+/-
rs8192709	CYP2B6 R22C	T	CC	-/-
rs1042389	CYP2B6 T1421C	C	TT	-/-
rs36079186	CYP2B6 T20715C	C	TT	-/-
rs2279345	CYP2B6 T23499C	C	TC	+/-
rs12767583	CYP2C19 C5709T	T	CC	-/-
rs4917623	CYP2C19 T106C	C	TC	+/-
rs4986894	CYP2C19 T98C	C	TT	-/-
rs12248560	CYP2C19*17 C806T	T	TC	+/-
rs4244285	CYP2C19*2 G681A	A	GG	-/-
rs17878459	CYP2C19*2B G276A	C	GG	-/-
rs4986893	CYP2C19*3 G636A	A	GG	-/-
rs28399504	CYP2C19*4 A5001G	G	AA	-/-
rs56337013	CYP2C19*5 C1297T	T	CC	-/-
rs72552267	CYP2C19*6 G395A	A	GG	-/-
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	-/-

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SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4918758	CYP2C9 T1188C	C	TC	+/-
rs1934967	CYP2C9 T2674C	T	CC	-/-
rs28371685	CYP2C9*11 1003C>T	T	CC	-/-
rs9332239	CYP2C9*12 1465C>T	T	CC	-/-
rs72558187	CYP2C9*13 269T>C	C	TT	-/-
rs1799853	CYP2C9*2 430C>T	T	TC	+/-
rs1057910	CYP2C9*3 1075A>C	C	AA	-/-
rs2256871	CYP2C9*9 752A>G	G	AA	-/-
rs61736512	CYP2D6 G1659A	T	CC	-/-
rs59421388	CYP2D6 V287M	T	CC	-/-
rs5030862	CYP2D6*12 124G>A	T	CC	-/-
rs5030865	CYP2D6*14 1758G>A	A	CC	-/-
rs28371706	CYP2D6*17 T107I	A	GG	-/-
rs1135840	CYP2D6*2 S486T	C	CC	+/+
rs28371725	CYP2D6*41 2988G>A	T	CC	-/-
rs5030867	CYP2D6*7 2935A>C	G	TT	-/-
rs8192772	CYP2E1 T8845C	C	TT	-/-
rs6413419	CYP2E1*4 A4768G	A	GG	-/-
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	-/-
rs4646440	CYP3A4 C608T	A	GG	-/-
rs2246709	CYP3A4 T258C	G	AG	+/-
rs12721627	CYP3A4*16 T185S	C	GG	-/-
rs2740574	CYP3A4*1B A392G	T	TT	+/+
rs55785340	CYP3A4*2 S222P	G	AA	-/-
rs55951658	CYP3A4*4 I118V	C	TT	-/-
rs55901263	CYP3A4*5 P218R	C	GG	-/-
rs3091339	CYP3A4*_11460A>G K96E	C	TT	-/-
rs2242480	CYP3A4*_20239G>A G12A	T	CC	-/-
rs776746	CYP3A5*3 G237A	A	CC	-/-
rs10264272	CYP3A5*6 G624A	T	CC	-/-
rs662	PON1 Q192R	T	TC	+/-

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs3741049	ACAT1 G22670A	A	AG	+/-
rs4343	ACE G2328A	G	GG	+/+
rs11555566	ADA A239G	C	TT	-/-
rs452159	ADA C14275A	T	GG	-/-
rs4961	ADD1 G460W	T	TG	+/-
rs699	AGT M235T/C4072T	G	AA	-/-
rs6875201	BHMT A7961G	G	AG	+/-
rs16876512	BHMT C-448T	T	TC	+/-
rs3733890	BHMT R239Q	A	AG	+/-
rs567754	BHMT-02 C13813T	T	CC	-/-
rs617219	BHMT-04 A26991C	C	AA	-/-
rs235756	BMP2 C282Y	G	AG	+/-
rs2155219	C11orf30 76588150G>T	T	GG	-/-
rs480575	CAT A12175G	G	GG	+/+
rs2300181	CAT C21068T	T	CC	-/-
rs737866	COMT/TXNRD2 A4251G	T	TT	+/+
rs737865	COMT/TXNRD2 T4239C	G	AA	-/-
rs3918347	DAO A24464G	G	AG	+/-
rs2070586	DAO G8864A	A	AG	+/-
rs2111902	DAO T9891G	G	TG	+/-
rs1650697	DHFR/MSH T-473A	G	GG	+/+
rs2253262	DMGDH T372G	C	CC	+/+
rs2619522	DTNBP1 T14623G	C	AA	-/-
rs2071010	FOLR1 G-20A	A	GG	-/-
rs7925545	FOLR3 A3771G	G	AA	-/-
rs7926875	FOLR3 C7672A	A	CC	-/-
rs492602	FUT2 A12190G	G	AG	+/-
rs1047781	FUT2 A12404T	T	AA	-/-
rs281377	FUT2 C12376T	T	CC	-/-
rs601338	FUT2 G12447A	A	AG	+/-
rs602662	FUT2 G12758A	A	AG	+/-
rs137852331	G6PD A195A - Class II	C	TT	-/-
rs5030872	G6PD A211V - Class III	A	TT	-/-
rs137852318	G6PD A312T - Class III	A	CC	-/-
rs74575103	G6PD A315H - Class III	T	CC	-/-
rs5030869	G6PD A365T - Class II	T	CC	-/-
rs1050829	G6PD A376G - Class I	C	TT	-/-
rs137852345	G6PD A391V - Class I	A	GG	-/-
rs137852329	G6PD A393L - Class I	T	GG	-/-

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs137852334	G6PD A417C - Class I	A	GG	-/-
rs398123546	G6PD A454C - Class II	A	GG	-/-
rs72554665	G6PD A489L - Class II	G	CC	-/-
rs78478128	G6PD A74G - Class III	C	GG	-/-
rs137852346	G6PD C299T - Class I	T	CC	-/-
rs137852341	G6PD G161V - Class III	A	CC	-/-
rs137852314	G6PD G193S - Class III	T	CC	-/-
rs137852336	G6PD G440A - Class I	T	CC	-/-
rs137852317	G6PD G477A - Class I	T	CC	-/-
rs137852340	G6PD H62A - Class III	C	TT	-/-
rs76645461	G6PD I78T - Class III	G	AA	-/-
rs78365220	G6PD L128P - Class II	G	AA	-/-
rs76723693	G6PD L323P - Class III	G	AA	-/-
rs137852320	G6PD L416G - Class I	C	TT	-/-
rs137852330	G6PD R198C - Class II	A	GG	-/-
rs72554664	G6PD R493H - Class II	T	CC	-/-
rs5030868	G6PD S219F - Class II	A	GG	-/-
rs137852326	G6PD V243L - Class I	A	CC	-/-
rs137852327	G6PD V321M - Class II	T	CC	-/-
rs1050828	G6PD V98M - Class III	T	CC	-/-
rs769395	GAD1 (GAD) A48604A	A	AA	+/+
rs2241165	GAD1 (GAD) C10180T	T	TT	+/+
rs3828275	GAD1 (GAD) C14541T	T	TT	+/+
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-
rs701492	GAD1 (GAD) C34281T	T	CC	-/-
rs3791850	GAD1 (GAD) G39901A	A	GG	-/-
rs3749034	GAD1 (GAD) G5276A	A	GG	-/-
rs1805398	GAD2 (GAD) G26474809T	T	GG	-/-
rs17851582	GAMT C9110T	A	AG	+/-
rs3780127	GGH C15472T	A	AG	+/-
rs11545078	GGH C17847T	A	AG	+/-
rs3780126	GGH C6699T	A	GG	-/-
rs4617146	GGH G13894A	T	CC	-/-
rs6519519	GGT1 C17146T	T	TC	+/-
rs5760485	GGT1 T11756C	T	TC	+/-
rs5751901	GGT1 T17549C	C	TC	+/-
rs4820599	GGT1/FAM211B A15496G	G	AG	+/-
rs8177412	GPX3 129T>C	T	TT	+/+
rs2551715	GSR A43851G	C	CC	+/+

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2273684	GSS A18836C	G	TT	-/-
rs6088659	GSS A5997G	C	TC	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	A	AC	+/-
rs2239892	GSTM1 8869A>G	G	AA	-/-
rs7483	GSTM3 V224I	T	TC	+/-
rs1138272	GSTP1 A114V	T	CC	-/-
rs1695	GSTP1 I105V	G	GG	+/+
rs2794719	HFE 6382T>G	G	TG	+/-
rs9366637	HFE 6590C>T	T	CC	-/-
rs2071303	HFE 8828T>C	C	TT	-/-
rs1800562	HFE C282Y	A	AG	+/-
rs1799945	HFE H63D	G	CC	-/-
rs1800730	HFE S65C	T	AA	-/-
rs7775228	HLA-DRB4 4103732T>C	C	TT	-/-
rs17583889	HNMT C29232A	A	CC	-/-
rs6430764	HNMT C3616T	T	TT	+/+
rs346070	HRH1 T*1687C	C	CC	+/+
rs901865	HRH1 T-17C	C	CC	+/+
rs11662595	HRH4 A617G	G	AG	+/-
rs4800573	HRH4 G*2144A	A	GG	-/-
rs16940765	HRH4 T3537649C	C	TT	-/-
rs7997012	HTR2A T64185C	G	AG	+/-
rs7820268	IDO1 C6202T	T	TC	+/-
rs2993763	MAT1A C1131T	A	AG	+/-
rs4934028	MAT1A C15656T	A	AG	+/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs1985908	MAT1A T*1297C	G	AG	+/-
rs2028900	MAT2A C6635T	T	TT	+/+
rs4869089	MAT2B A7755681G	G	GG	+/+
rs7134594	MMAB G16110A	T	TT	+/+
rs2071409	MPO A15067C	G	TG	+/-
rs2759	MPO A15191G	C	TT	-/-
rs28730837	MPO C7900T	A	GG	-/-
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs803422	MTHFD1L A33780G	G	GG	+/+
rs11754661	MTHFD1L G25264A	A	GG	-/-
rs17349743	MTHFD1L T31397C	C	CC	+/+
rs6495446	MTHFS - ST20 MTHFS G39646A	T	TC	+/-

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs4986782	NAT1 R187Q	A	GG	-/-
rs1041983	NAT2 C282T	T	CC	-/-
rs1799929	NAT2 C481T	T	TT	+/+
rs1801279	NAT2 G191A	A	GG	-/-
rs1799931	NAT2 G286E	A	GG	-/-
rs1801280	NAT2 I114T	C	CC	+/+
rs1208	NAT2 K268R	A	GG	-/-
rs1799930	NAT2 R197Q	A	GG	-/-
rs1805158	NAT2 R64W	T	CC	-/-
rs12150220	NLRP1 7466T>A	T	TT	+/+
rs4353135	NLRP3 247617036G>T	T	TG	+/-
rs17221417	NOD2 13533C>G	G	CC	-/-
rs2066843	NOD2 19150C>T	T	CC	-/-
rs5743289	NOD2 30725C>T	T	CC	-/-
rs2066844	NOD2 Arg675Trp	T	CC	-/-
rs2066845	NOD2 Gly881Arg	C	GG	-/-
rs2066847	NOD2 L1007P	C	DD	-/-
rs10517	NQO1 C494+	G	GG	+/+
rs1800566	NQO1 C609T	A	AG	+/-
rs689452	NQO1 G13070C	G	GG	+/+
rs689453	NQO1 G13161A	T	CC	-/-
rs1437135	NQO1 T7706C	G	AG	+/-
rs6994992	NRG1 C3314T	T	TC	+/-
rs5568	SLC6A2 A45583C	C	AA	-/-
rs168924	SLC6A2 A5003G	G	AA	-/-
rs36020	SLC6A2 C28547T	T	CC	-/-
rs3785157	SLC6A2 C45295T	T	TC	+/-
rs36009	SLC6A2 C48079T	T	CC	-/-
rs2242447	SLC6A2 C51371T	T	TC	+/-
rs2242446	SLC6A2 C5884T	T	TC	+/-
rs40147	SLC6A2 G32299A	A	AG	+/-
rs3785152	SLC6A2 T32009C	C	CC	+/+
rs1800887	SLC6A2 T49048C	C	TC	+/-
rs6347	SLC6A3 A39132G	C	TC	+/-
rs2617605	SLC6A3 A8023G	C	TT	-/-
rs460000	SLC6A3 C17719T	T	GG	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs27048	SLC6A3 G37899A	T	CC	-/-

Liver Detox - Phase II (Figure 1)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs40184	SLC6A3 G55467A	T	TC	+/-
rs27072	SLC6A3 G56022A	T	CC	-/-
rs403636	SLC6A3 T12190G	C	AC	+/-
rs464049	SLC6A3 T26639C	G	AA	-/-
rs2910393	SULT2A1 A13527G	T	TC	+/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs4149449	SULT2A1 G9696A	T	CC	-/-
rs6717546	UGT1A1 A188730G	G	AG	+/-
rs887829	UGT1A1 C175181T	T	TC	+/-
rs4148325	UGT1A1 C179920T	T	TC	+/-
rs6742078	UGT1A1 G179250T	T	TG	+/-
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	G	AG	+/-
rs4648328	ALDH2 C23443T	T	TC	+/-
rs4646778	ALDH2 C36438A	A	AC	+/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs2238151	ALDH2 T12488C	C	TC	+/-
rs968529	ALDH2 T35023C	C	TC	+/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
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	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs6875201	BHMT A7961G	G	AG	+/-
rs16876512	BHMT C-448T	T	TC	+/-
rs3733890	BHMT R239Q	A	AG	+/-
rs567754	BHMT-02 C13813T	T	CC	-/-
rs617219	BHMT-04 A26991C	C	AA	-/-
rs28934891	CBS D44N	T	CC	-/-
rs2851391	CBS A13637G	C	TC	+/-
rs1801181	CBS A360A	A	GG	-/-
rs706209	CBS C*351T	A	GG	-/-
rs4920037	CBS C19150T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs12613	CBS G*299A	T	TC	+/-
rs706208	CBS T*330C	G	AA	-/-
rs2272306	CSAD C25411T	A	GG	-/-
rs1145920	CTH A11886G	G	AG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs10889869	CTH G6010A	A	GG	-/-
rs1021737	CTH S4031I	T	GG	-/-
rs681475	CTH T8763C	C	TC	+/-
rs1650697	DHFR/MSH T-473A	G	GG	+/+
rs2253262	DMGDH T372G	C	CC	+/+
rs2071010	FOLR1 G-20A	A	GG	-/-
rs7925545	FOLR3 A3771G	G	AA	-/-
rs7926875	FOLR3 C7672A	A	CC	-/-
rs17851582	GAMT C9110T	A	AG	+/-
rs2273684	GSS A18836C	G	TT	-/-
rs6088659	GSS A5997G	C	TC	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	A	AC	+/-
rs2993763	MAT1A C1131T	A	AG	+/-
rs4934028	MAT1A C15656T	A	AG	+/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs1985908	MAT1A T*1297C	G	AG	+/-
rs2028900	MAT2A C6635T	T	TT	+/+
rs4869089	MAT2B A7755681G	G	GG	+/+
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs803422	MTHFD1L A33780G	G	GG	+/+

Methylation & Methionine/Homocysteine Pathways (Figure 3)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs11754661	MTHFD1L G25264A	A	GG	-/-
rs17349743	MTHFD1L T31397C	C	CC	+/+
rs2066470	MTHFR 03 P39P	A	AG	+/-
rs1801131	MTHFR A1298C	G	GG	+/+
rs17367504	MTHFR A1572G	G	AG	+/-
rs3737964	MTHFR A4117C	C	TC	+/-
rs13306561	MTHFR A4598G	A	AG	+/-
rs13306560	MTHFR C-137T	T	CC	-/-
rs17037390	MTHFR C10318T	A	AG	+/-
rs4846048	MTHFR C24909T	A	AG	+/-
rs1801133	MTHFR C677T	A	GG	-/-
rs17037396	MTHFR C841T	T	TC	+/-
rs2274976	MTHFR G1793A (R594Q)	T	CC	-/-
rs1476413	MTHFR G18861A	T	TT	+/+
rs6495446	MTHFS - ST20 MTHFS G39646A	T	TC	+/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs2853522	MTR A*112C	A	AC	+/-
rs2853523	MTR A*1254C	A	AC	+/-
rs1050993	MTR A*1361G	A	AG	+/-
rs11799670	MTR A*153G	G	AA	-/-
rs1805087	MTR A2756G	G	AA	-/-
rs2789352	MTR A50417C	C	AC	+/-
rs10925257	MTR A92580G	G	AA	-/-
rs7526063	MTR C18418T	T	CC	-/-
rs2275568	MTR C62048T	T	TC	+/-
rs3820571	MTR G106853T	T	TG	+/-
rs2275565	MTR G95096T	T	GG	-/-
rs1770449	MTR T84581C	C	TC	+/-
rs1802059	MTRR -11 A664A	A	AG	+/-
rs1801394	MTRR A66G	G	AG	+/-
rs3776455	MTRR C32295T	T	TT	+/+
rs1532268	MTRR C524T	T	TC	+/-
rs9332	MTRR G*541A	A	GG	-/-
rs2287779	MTRR G1155A	A	GG	-/-
rs3776467	MTRR G12099A	A	AG	+/-
rs7703033	MTRR G15734A	A	AG	+/-
rs162049	MTRR G28905A	G	AA	-/-
rs10380	MTRR H595Y	T	CC	-/-
rs162036	MTRR K350A	G	AA	-/-

Methylation & Methionine/Homocysteine Pathways (Figure 3)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2287780	MTRR R415T	T	CC	-/-
rs162031	MTRR T16071C	C	CC	+/+
rs2293054	NOS1 T2202C	G	AG	+/-
rs2297518	NOS2 C1823T	A	GG	-/-
rs7830	NOS3 G10T	T	GG	-/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs2070744	NOS3 T786C	T	TC	+/-
rs7946	PEMT G634A	T	TC	+/-
rs4244593	PEMT T17023592G	G	TG	+/-
rs9909104	SHMT1 A23836G	T	TC	+/-
rs2910393	SULT2A1 A13527G	T	TC	+/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
rs4149449	SULT2A1 G9696A	T	CC	-/-
rs526934	TCN1 G4939288A	A	AG	+/-
rs9606756	TCN2 A8700G	G	AA	-/-
rs1801198	TCN2 C766G	G	GC	+/-
rs502396	TYMS C6633T	C	TC	+/-

Transsulfuration Pathway (Figure 4)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs28934891	CBS D44N	T	CC	-/-
rs2851391	CBS A13637G	C	TC	+/-
rs1801181	CBS A360A	A	GG	-/-
rs706209	CBS C*351T	A	GG	-/-
rs4920037	CBS C19150T	A	AG	+/-
rs234706	CBS C699T	A	AG	+/-
rs12613	CBS G*299A	T	TC	+/-
rs706208	CBS T*330C	G	AA	-/-
rs2272306	CSAD C25411T	A	GG	-/-
rs1145920	CTH A11886G	G	AG	+/-
rs663649	CTH G25229T	T	TG	+/-
rs10889869	CTH G6010A	A	GG	-/-
rs1021737	CTH S4031I	T	GG	-/-
rs681475	CTH T8763C	C	TC	+/-
rs2273684	GSS A18836C	G	TT	-/-
rs6088659	GSS A5997G	C	TC	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	A	AC	+/-
rs6495446	MTHFS - ST20 MTHFS G39646A	T	TC	+/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs2910393	SULT2A1 A13527G	T	TC	+/-
rs4149452	SULT2A1 G17136A	T	CC	-/-
rs2547231	SULT2A1 G9598T	A	AC	+/-
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	+/-
rs4767939	ALDH2 A7550G	G	AG	+/-
rs4648328	ALDH2 C23443T	T	TC	+/-
rs4646778	ALDH2 C36438A	A	AC	+/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs2238151	ALDH2 T12488C	C	TC	+/-
rs968529	ALDH2 T35023C	C	TC	+/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs9804190	ANK3 G658454A	T	CC	-/-
rs10761482	ANK3 T62085337C	C	CC	+/+
rs1800497	ANKK1 E713K	A	GG	-/-
rs216013	CACNA1C A2729632G	G	AG	+/-
rs2159100	CACNA1C C271442T	T	CC	-/-
rs1006737	CACNA1C G115699A	A	GG	-/-
rs2302729	CACNA1C T709021C	C	TC	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs2239393	COMT A 26166G	G	AA	-/-
rs6269	COMT A-1324G	G	AA	-/-
rs933271	COMT A2953G	T	CC	-/-
rs1544325	COMT A7406G	G	GG	+/+
rs4646316	COMT C27870T	T	CC	-/-
rs174699	COMT C30196T	T	TT	+/+
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AG	+/-
rs165656	COMT G24601C	C	CG	+/-
rs4633	COMT H62H	T	TC	+/-
rs5993883	COMT T13376G	G	GG	+/+
rs4646312	COMT T24075C	C	TT	-/-
rs4680	COMT V158M	A	AG	+/-
rs2272306	CSAD C25411T	A	GG	-/-
rs1611115	DBH 4031T>C	C	CC	+/+
rs77905	DBH A1410G	A	AA	+/+
rs1108580	DBH A486G	G	GG	+/+
rs1108581	DBH A8757G	G	AA	-/-

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1611123	DBH C12599T	T	TT	+/+
rs2283123	DBH C18813T	T	CC	-/-
rs129882	DBH C27185T	T	CC	-/-
rs1611114	DBH C3719T	T	CC	-/-
rs1541332	DBH G15032A	A	GG	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs5320	DBH G631A	A	GG	-/-
rs4531	DBH G952T	T	GG	-/-
rs2519154	DBH T15791C	C	TT	-/-
rs2097628	DBH T2145C	A	AA	+/+
rs2007153	DBH T7335C	C	CC	+/+
rs2873804	DBH T9160C	C	CC	+/+
rs1451375	DDC G15443T	A	CC	-/-
rs2167364	DDC T155196C	T	TC	+/-
rs1650697	DHFR/MSH T-473A	G	GG	+/+
rs251937	DRD1 A9244G	C	TC	+/-
rs686	DRD1 C7464T	A	AG	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs4532	DRD1 G6014A	T	TC	+/-
rs265981	DRD1 T5262C	G	AG	+/-
rs4245146	DRD2 A33029G	C	TT	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs1799978	DRD2 A4651G	C	TT	-/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs17529477	DRD2 C33935T	A	AA	+/+
rs4620755	DRD2 C41383T	A	GG	-/-
rs2242592	DRD2 C71572T	A	AG	+/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs1079597	DRD2 G54716A	T	CC	-/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs7131056	DRD2 T21228G	C	CC	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs2734838	DRD2 T64501C	G	GG	+/+
rs6275	DRD2 T852C	A	AG	+/-
rs167771	DRD3 C26625T	A	GG	-/-
rs963468	DRD3 C40013T	A	GG	-/-

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs9828046	DRD3 C44637T	A	GG	-/-
rs1394016	DRD3 G20405035A	G	AA	-/-
rs6280	DRD3 G25A	T	CC	-/-
rs1486009	DRD3 T14368C	G	AG	+/-
rs324029	DRD3 T21277C	G	AG	+/-
rs9825563	DRD3 T2680C	A	AG	+/-
rs3773678	DRD3 T32822C	G	AG	+/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs11246226	DRD4 C8887A	A	CC	-/-
rs3758653	DRD4 T4095C	C	TC	+/-
rs3783642	GCH1 A14340G	C	CC	+/+
rs3783641	GCH1 A14404T	A	TT	-/-
rs8007267	GCH1 C36378991T	T	CC	-/-
rs2878168	GCH1 C53758T	A	GG	-/-
rs3783637	GCH1 G26425A	T	TT	+/+
rs10483639	GCH1 G55306457C	C	GG	-/-
rs8004018	GCH1 T23847C	G	GG	+/+
rs5906957	MAOA A36902G	G	GG	+/+
rs2235186	MAOA A85020G	G	GG	+/+
rs909525	MAOA C42794T	T	TT	+/+
rs5953210	MAOA G3638A	A	AA	+/+
rs6323	MAOA R297R/G492T/T941G	T	TT	+/+
rs1137070	MAOA T1011C/1460C	C	CC	+/+
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AA	-/-
rs6651806	MAOB T57758G	A	CC	-/-
rs2293054	NOS1 T2202C	G	AG	+/-
rs2297518	NOS2 C1823T	A	GG	-/-
rs7830	NOS3 G10T	T	GG	-/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs2070744	NOS3 T786C	T	TC	+/-
rs62507347	PAH A27743C	C	TT	-/-
rs5030853	PAH A300S	A	CC	-/-
rs10860936	PAH A33429G	C	TC	+/-
rs5030857	PAH A403V	A	GG	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs2245360	PAH C81837T	A	AG	+/-

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1801153	PAH G*187A	T	TC	+/-
rs1722392	PAH G37636A	T	TC	+/-
rs1042503	PAH G735A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030841	PAH L48S	G	AA	-/-
rs5030858	PAH R408W	A	GG	-/-
rs1522307	PAH T17864C	G	AG	+/-
rs10778209	PAH T32409C	G	AG	+/-
rs7946	PEMT G634A	T	TC	+/-
rs4244593	PEMT T17023592G	G	TG	+/-
rs876493	PNMT G-184A	A	AG	+/-
rs74315402	PRNP A117V	T	CC	-/-
rs74315406	PRNP A4680516G	G	AA	-/-
rs74315415	PRNP C4680264T	T	CC	-/-
rs17852079	PRNP C4680545T	T	CC	-/-
rs28933385	PRNP E200K	A	GG	-/-
rs74315405	PRNP F198S	C	TT	-/-
rs74315410	PRNP G4680258T	T	GG	-/-
rs1800014	PRNP G4680521A	A	GG	-/-
rs74315413	PRNP H187R	G	AA	-/-
rs1799990	PRNP M129V	G	AA	-/-
rs16990018	PRNP N171S	G	AA	-/-
rs74315401	PRNP P102L	T	CC	-/-
rs11538758	PRNP V210I	A	CC	-/-
rs5568	SLC6A2 A45583C	C	AA	-/-
rs168924	SLC6A2 A5003G	G	AA	-/-
rs36020	SLC6A2 C28547T	T	CC	-/-
rs3785157	SLC6A2 C45295T	T	TC	+/-
rs36009	SLC6A2 C48079T	T	CC	-/-
rs2242447	SLC6A2 C51371T	T	TC	+/-
rs2242446	SLC6A2 C5884T	T	TC	+/-
rs40147	SLC6A2 G32299A	A	AG	+/-
rs3785152	SLC6A2 T32009C	C	CC	+/+
rs1800887	SLC6A2 T49048C	C	TC	+/-
rs6347	SLC6A3 A39132G	C	TC	+/-
rs2617605	SLC6A3 A8023G	C	TT	-/-

Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs460000	SLC6A3 C17719T	T	GG	-/-
rs6350	SLC6A3 C7345T	A	GG	-/-
rs27048	SLC6A3 G37899A	T	CC	-/-
rs40184	SLC6A3 G55467A	T	TC	+/-
rs27072	SLC6A3 G56022A	T	CC	-/-
rs403636	SLC6A3 T12190G	C	AC	+/-
rs464049	SLC6A3 T26639C	G	AA	-/-
rs28934581	TH A733C	G	TT	-/-
rs28934580	TH G1010A/R337H	T	CC	-/-
rs2070762	TH T1090C	G	AG	+/-
rs7483056	TH T7517C	A	AG	+/-
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	A	AA	+/+
rs2241165	GAD1 (GAD) C10180T	T	TT	+/+
rs3828275	GAD1 (GAD) C14541T	T	TT	+/+
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-
rs701492	GAD1 (GAD) C34281T	T	CC	-/-
rs3791850	GAD1 (GAD) G39901A	A	GG	-/-
rs3749034	GAD1 (GAD) G5276A	A	GG	-/-
rs1805398	GAD2 (GAD) G26474809T	T	GG	-/-
rs74315402	PRNP A117V	T	CC	-/-
rs74315406	PRNP A4680516G	G	AA	-/-
rs74315415	PRNP C4680264T	T	CC	-/-
rs17852079	PRNP C4680545T	T	CC	-/-
rs28933385	PRNP E200K	A	GG	-/-
rs74315405	PRNP F198S	C	TT	-/-
rs74315410	PRNP G4680258T	T	GG	-/-
rs1800014	PRNP G4680521A	A	GG	-/-
rs74315413	PRNP H187R	G	AA	-/-
rs1799990	PRNP M129V	G	AA	-/-
rs16990018	PRNP N171S	G	AA	-/-
rs74315401	PRNP P102L	T	CC	-/-
rs11538758	PRNP V210I	A	CC	-/-

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4767939	ALDH2 A7550G	G	AG	+/-
rs4648328	ALDH2 C23443T	T	TC	+/-
rs4646778	ALDH2 C36438A	A	AC	+/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs2238151	ALDH2 T12488C	C	TC	+/-
rs968529	ALDH2 T35023C	C	TC	+/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs11599164	ANK3 C666301A	T	GG	-/-
rs10994397	ANK3 G219161A	T	CC	-/-
rs10994336	ANK3 G318473A	T	CC	-/-
rs9804190	ANK3 G658454A	T	CC	-/-
rs10761482	ANK3 T62085337C	C	CC	+/+
rs1800497	ANKK1 E713K	A	GG	-/-
rs216013	CACNA1C A2729632G	G	AG	+/-
rs2159100	CACNA1C C271442T	T	CC	-/-
rs1006737	CACNA1C G115699A	A	GG	-/-
rs2302729	CACNA1C T709021C	C	TC	+/-
rs769224	COMT -61 P199P	A	GG	-/-
rs2239393	COMT A 26166G	G	AA	-/-
rs6269	COMT A-1324G	G	AA	-/-
rs933271	COMT A2953G	T	CC	-/-
rs1544325	COMT A7406G	G	GG	+/+
rs4646316	COMT C27870T	T	CC	-/-
rs174699	COMT C30196T	T	TT	+/+
rs9332377	COMT C31430T	T	CC	-/-
rs165599	COMT G*522A	A	AG	+/-
rs165656	COMT G24601C	C	CG	+/-
rs4633	COMT H62H	T	TC	+/-
rs5993883	COMT T13376G	G	GG	+/+
rs4646312	COMT T24075C	C	TT	-/-
rs4680	COMT V158M	A	AG	+/-
rs1048943	CYP1A1*2C A4889G	C	TT	-/-
rs1799814	CYP1A1*4 C2453A	T	GG	-/-
rs1056836	CYP1B1 L432V	G	GG	+/+
rs1800440	CYP1B1 N453S	C	TT	-/-
rs1611115	DBH 4031T>C	C	CC	+/+
rs77905	DBH A1410G	A	AA	+/+

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1108580	DBH A486G	G	GG	+/+
rs1108581	DBH A8757G	G	AA	-/-
rs1611123	DBH C12599T	T	TT	+/+
rs2283123	DBH C18813T	T	CC	-/-
rs129882	DBH C27185T	T	CC	-/-
rs1611114	DBH C3719T	T	CC	-/-
rs1541332	DBH G15032A	A	GG	-/-
rs3025382	DBH G5837A	A	GG	-/-
rs5320	DBH G631A	A	GG	-/-
rs4531	DBH G952T	T	GG	-/-
rs2519154	DBH T15791C	C	TT	-/-
rs2097628	DBH T2145C	A	AA	+/+
rs2007153	DBH T7335C	C	CC	+/+
rs2873804	DBH T9160C	C	CC	+/+
rs251937	DRD1 A9244G	C	TC	+/-
rs686	DRD1 C7464T	A	AG	+/-
rs5326	DRD1 G5968A	T	CC	-/-
rs4532	DRD1 G6014A	T	TC	+/-
rs265981	DRD1 T5262C	G	AG	+/-
rs4245146	DRD2 A33029G	C	TT	-/-
rs4648318	DRD2 A37613G	C	TT	-/-
rs1799978	DRD2 A4651G	C	TT	-/-
rs10891549	DRD2 A72555G	C	TC	+/-
rs4648317	DRD2 C19470T	A	GG	-/-
rs17529477	DRD2 C33935T	A	AA	+/+
rs4620755	DRD2 C41383T	A	GG	-/-
rs2242592	DRD2 C71572T	A	AG	+/-
rs7125415	DRD2 G40321A	T	CC	-/-
rs2471857	DRD2 G52663A	T	CC	-/-
rs1079596	DRD2 G54383A	T	CC	-/-
rs1079597	DRD2 G54716A	T	CC	-/-
rs1076560	DRD2 G67314T	A	CC	-/-
rs7131056	DRD2 T21228G	C	CC	+/+
rs12364283	DRD2 T4047C	G	AA	-/-
rs2734838	DRD2 T64501C	G	GG	+/+
rs6275	DRD2 T852C	A	AG	+/-
rs167771	DRD3 C26625T	A	GG	-/-
rs963468	DRD3 C40013T	A	GG	-/-
rs9828046	DRD3 C44637T	A	GG	-/-

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1394016	DRD3 G20405035A	G	AA	-/-
rs6280	DRD3 G25A	T	CC	-/-
rs1486009	DRD3 T14368C	G	AG	+/-
rs324029	DRD3 T21277C	G	AG	+/-
rs9825563	DRD3 T2680C	A	AG	+/-
rs3773678	DRD3 T32822C	G	AG	+/-
rs9288993	DRD3 T43727C	G	AA	-/-
rs752306	DRD4 C5318T	T	CC	-/-
rs11246226	DRD4 C8887A	A	CC	-/-
rs3758653	DRD4 T4095C	C	TC	+/-
rs5906957	MAOA A36902G	G	GG	+/+
rs2235186	MAOA A85020G	G	GG	+/+
rs909525	MAOA C42794T	T	TT	+/+
rs5953210	MAOA G3638A	A	AA	+/+
rs6323	MAOA R297R/G492T/T941G	T	TT	+/+
rs1137070	MAOA T1011C/1460C	C	CC	+/+
rs1799836	MAOB A118723G	C	CC	+/+
rs10521432	MAOB C112982T	G	AA	-/-
rs6651806	MAOB T57758G	A	CC	-/-
rs62507347	PAH A27743C	C	TT	-/-
rs5030853	PAH A300S	A	CC	-/-
rs10860936	PAH A33429G	C	TC	+/-
rs5030857	PAH A403V	A	GG	-/-
rs3817446	PAH A55562G	C	TT	-/-
rs2037639	PAH C45031T	A	GG	-/-
rs2245360	PAH C81837T	A	AG	+/-
rs1801153	PAH G*187A	T	TC	+/-
rs1722392	PAH G37636A	T	TC	+/-
rs1042503	PAH G735A	T	CC	-/-
rs5030849	PAH G782A	T	CC	-/-
rs5030855	PAH IVS10-11G>A	T	CC	-/-
rs5030861	PAH IVS12+1G>A	T	CC	-/-
rs5030852	PAH IVS7+1G>A	T	CC	-/-
rs5030841	PAH L48S	G	AA	-/-
rs5030858	PAH R408W	A	GG	-/-
rs1522307	PAH T17864C	G	AG	+/-
rs10778209	PAH T32409C	G	AG	+/-
rs876493	PNMT G-184A	A	AG	+/-
rs28934581	TH A733C	G	TT	-/-

COMT Activity (Figure 7)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs28934580	TH G1010A/R337H	T	CC	-/-
rs2070762	TH T1090C	G	AG	+/-
rs7483056	TH T7517C	A	AG	+/-
rs6356	TH V112M	T	TC	+/-

Mitochondrial Function (Figure 8)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4767939	ALDH2 A7550G	G	AG	+/-
rs4648328	ALDH2 C23443T	T	TC	+/-
rs4646778	ALDH2 C36438A	A	AC	+/-
rs16941667	ALDH2 C45068T	T	CC	-/-
rs671	ALDH2 G1369A	A	GG	-/-
rs2238151	ALDH2 T12488C	C	TC	+/-
rs968529	ALDH2 T35023C	C	TC	+/-
rs72547575	ALDH3A2 A1157G	G	AA	-/-
rs72547564	ALDH3A2 G641A	A	GG	-/-
rs1244422	ATP5c1 7838932C>T	C	TT	-/-
rs2253262	DMGDH T372G	C	CC	+/+
rs17851582	GAMT C9110T	A	AG	+/-
rs3783642	GCH1 A14340G	C	CC	+/+
rs3783641	GCH1 A14404T	A	TT	-/-
rs8007267	GCH1 C36378991T	T	CC	-/-
rs2878168	GCH1 C53758T	A	GG	-/-
rs3783637	GCH1 G26425A	T	TT	+/+
rs10483639	GCH1 G55306457C	C	GG	-/-
rs8004018	GCH1 T23847C	G	GG	+/+
rs2273684	GSS A18836C	G	TT	-/-
rs6088659	GSS A5997G	C	TC	+/-
rs28936396	GSS C373T	A	GG	-/-
rs6060124	GSS G11705T	A	AC	+/-
rs2993763	MAT1A C1131T	A	AG	+/-
rs4934028	MAT1A C15656T	A	AG	+/-
rs72558181	MAT1A G19502A	T	CC	-/-
rs1985908	MAT1A T*1297C	G	AG	+/-
rs2028900	MAT2A C6635T	T	TT	+/+
rs4869089	MAT2B A7755681G	G	GG	+/+
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs803422	MTHFD1L A33780G	G	GG	+/+
rs11754661	MTHFD1L G25264A	A	GG	-/-
rs17349743	MTHFD1L T31397C	C	CC	+/+
rs1802059	MTRR -11 A664A	A	AG	+/-
rs1801394	MTRR A66G	G	AG	+/-
rs3776455	MTRR C32295T	T	TT	+/+
rs1532268	MTRR C524T	T	TC	+/-
rs9332	MTRR G*541A	A	GG	-/-
rs2287779	MTRR G1155A	A	GG	-/-

Mitochondrial Function (Figure 8)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs3776467	MTRR G12099A	A	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	-/-
rs162031	MTRR T16071C	C	CC	+/+
rs1142530	NDUFS7 Pro23Leu	T	TT	+/+
rs11666067	NDUFS7 Pro355Thr	A	AA	+/+
rs4147776	NDUFS8 5073A>C	C	AA	-/-
rs2075626	NDUFS8 6843T>C	C	CC	+/+
rs2293054	NOS1 T2202C	G	AG	+/-
rs2297518	NOS2 C1823T	A	GG	-/-
rs7830	NOS3 G10T	T	GG	-/-
rs1800779	NOS3 G6797A	A	AG	+/-
rs2070744	NOS3 T786C	T	TC	+/-
rs7946	PEMT G634A	T	TC	+/-
rs4244593	PEMT T17023592G	G	TG	+/-
rs2758331	SOD2 406+816G>T	A	AA	+/+
rs4880	SOD2 V16A	G	GG	+/+
rs2855262	SOD3 489 C>T	C	TC	+/-
rs6497563	UQCRC2 7485C>T	T	TC	+/-

Pentose Phosphate Pathway (Figure 9)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6702820	DDR2 A162603881G	G	AG	+/-
rs10494373	DDR2 A162619362C	C	AA	-/-
rs1780007	DDR2 A162748025C	C	CC	+/+
rs10799854	DDR2 C162619828T	T	TT	+/+
rs12044481	DDR2 G162635875A	A	AG	+/-
rs7553831	DDR2 T162661011G	G	GG	+/+
rs4559477	DDR2 T162681151G	G	GG	+/+
rs1650697	DHFR/MSH T-473A	G	GG	+/+
rs4129219	FBP1 T97390288C	C	TT	-/-
rs762515	G6PD A16260G	C	TT	-/-
rs137852331	G6PD A195A - Class II	C	TT	-/-
rs5030872	G6PD A211V - Class III	A	TT	-/-
rs137852318	G6PD A312T - Class III	A	CC	-/-
rs74575103	G6PD A315H - Class III	T	CC	-/-
rs5030869	G6PD A365T - Class II	T	CC	-/-
rs1050829	G6PD A376G - Class I	C	TT	-/-
rs137852345	G6PD A391V - Class I	A	GG	-/-
rs137852329	G6PD A393L - Class I	T	GG	-/-
rs137852334	G6PD A417C - Class I	A	GG	-/-
rs398123546	G6PD A454C - Class II	A	GG	-/-
rs72554665	G6PD A489L - Class II	G	CC	-/-
rs78478128	G6PD A74G - Class III	C	GG	-/-
rs137852346	G6PD C299T - Class I	T	CC	-/-
rs5986990	G6PD G153761628A	A	GG	-/-
rs137852341	G6PD G161V - Class III	A	CC	-/-
rs137852314	G6PD G193S - Class III	T	CC	-/-
rs137852336	G6PD G440A - Class I	T	CC	-/-
rs137852317	G6PD G477A - Class I	T	CC	-/-
rs137852340	G6PD H62A - Class III	C	TT	-/-
rs76645461	G6PD I78T - Class III	G	AA	-/-
rs78365220	G6PD L128P - Class II	G	AA	-/-
rs76723693	G6PD L323P - Class III	G	AA	-/-
rs137852320	G6PD L416G - Class I	C	TT	-/-
rs137852330	G6PD R198C - Class II	A	GG	-/-
rs72554664	G6PD R493H - Class II	T	CC	-/-
rs5030868	G6PD S219F - Class II	A	GG	-/-
rs137852326	G6PD V243L - Class I	A	CC	-/-
rs137852327	G6PD V321M - Class II	T	CC	-/-
rs1050828	G6PD V98M - Class III	T	CC	-/-

Pentose Phosphate Pathway (Figure 9)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2268169	H6PD G9321241A	A	AA	+/+
rs6688832	H6PD G9323910A	A	AG	+/-
rs17368528	H6PD P554L	T	CC	-/-
rs9434742	H6PD Y673Y	T	TT	+/+
rs2236225	MTHFD1 R635Q	A	AG	+/-
rs803422	MTHFD1L A33780G	G	GG	+/+
rs11754661	MTHFD1L G25264A	A	GG	-/-
rs17349743	MTHFD1L T31397C	C	CC	+/+
rs6495446	MTHFS - ST20 MTHFS G39646A	T	TC	+/-
rs2733103	MTHFS - ST20 MTHFS G56057A	T	CC	-/-
rs855315	PGM1 A64069612G	G	AG	+/-
rs4643	PGM1 A64125439C	C	AC	+/-
rs2269260	PGM1 G64085337A	A	AG	+/-
rs2269241	PGM1 T64108771C	C	TC	+/-
rs7768030	PHACTR1 12822973A>C	C	AA	-/-
rs9369640	PHACTR1 12901441C>A	C	AA	-/-
rs9349379	PHACTR1 12903957A>G	G	AA	-/-
rs4715166	PHACTR1 13216058A>G	G	AG	+/-
rs202072	PHACTR1 13268211A>G	G	AG	+/-
rs7062536	PRPS2 G12839152A	A	GG	-/-
rs4666014	RBKS G28019175A	A	GG	-/-
rs4666020	RBKS G28046028A	A	GG	-/-
rs11246300	TALDO1 C749776T	T	CC	-/-
rs4687718	TKT A53282303G	G	GG	+/+
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	C	TC	+/-
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	C	TT	-/-
rs6928813	CNR1 A88861698G	G	AA	-/-
rs806381	CNR1 A88865901G	A	AA	+/+
rs806378	CNR1 C88859551T	T	CC	-/-
rs4707436	CNR1 G88851751A	A	GG	-/-
rs1049353	CNR1 T453T	T	CC	-/-
rs806368	CNR1 T88850100C	C	TT	-/-
rs806374	CNR1 T88857320C	C	TT	-/-
rs806376	CNR1 T88858648C	C	TT	-/-
rs806377	CNR1 T88858723C	C	TT	-/-
rs12205430	CNR1 T88867925C	C	TT	-/-
rs6454674	CNR1 T88872930G	T	TT	+/+
rs9424398	CNR2 T24221834G	G	TG	+/-
rs3918347	DAO A24464G	G	AG	+/-
rs2070586	DAO G8864A	A	AG	+/-
rs2111902	DAO T9891G	G	TG	+/-
rs492602	FUT2 A12190G	G	AG	+/-
rs601338	FUT2 G12447A	A	AG	+/-
rs602662	FUT2 G12758A	A	AG	+/-
rs12150220	NLRP1 7466T>A	T	TT	+/+
rs4353135	NLRP3 247617036G>T	T	TG	+/-
rs17221417	NOD2 13533C>G	G	CC	-/-
rs2066843	NOD2 19150C>T	T	CC	-/-
rs5743289	NOD2 30725C>T	T	CC	-/-
rs2066844	NOD2 Arg675Trp	T	CC	-/-
rs2066845	NOD2 Gly881Arg	C	GG	-/-
rs2066847	NOD2 L1007P	C	DD	-/-
rs7967152	VDR A48244184C	C	AA	-/-
rs4328262	VDR C18167A	T	TG	+/-
rs2189480	VDR C39987A	T	TG	+/-
rs3847987	VDR C48238068A	A	CC	-/-
rs2107301	VDR C48245T	A	GG	-/-
rs2238136	VDR C48277713T	T	TC	+/-
rs10875695	VDR C48293037A	A	CC	-/-
rs3890733	VDR G14442A	T	TC	+/-
rs12721370	VDR G41742T	A	CC	-/-
rs1540339	VDR G46489A	T	TC	+/-
rs886441	VDR G48262964A	A	AG	+/-
rs2254210	VDR G48273714A	A	GG	-/-

Cannabinoid Pathway				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2853564	VDR G48278487A	G	AA	-/-
rs11168287	VDR G48285414A	A	AG	+/-
rs4334089	VDR G48286015A	A	GG	-/-
rs4237855	VDR G48287203A	A	AG	+/-
rs11168293	VDR G48293716T	T	TG	+/-
rs7136534	VDR G9189A	G	CC	-/-
rs2239186	VDR T34405C	G	AG	+/-
rs2239181	VDR T47866G	C	AA	-/-
rs2239182	VDR T48255411C	C	TT	-/-
rs11168275	VDR T48272275C	C	TC	+/-
rs2248098	VDR T50459C	G	AA	-/-
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	TT	-/-
rs2478545	AGT 11216C>T	A	GG	-/-
rs2478523	AGT 13828T>C	G	AA	-/-
rs7079	AGT 17006C>A	T	TG	+/-
rs11568020	AGT 5319G>A	T	CC	-/-
rs5051	AGT 5465G>A	T	CC	-/-
rs2148582	AGT 5538T>C	G	AA	-/-
rs2493134	AGT 5978A>G	C	TT	-/-
rs2004776	AGT 6635G>A	T	CC	-/-
rs699	AGT M235T/C4072T	G	AA	-/-
rs28931576	APOE A178G	G	AA	-/-
rs28931579	APOE A8455C	C	AA	-/-
rs7412	APOE APOE epsilon 2	T	CC	-/-
rs769455	APOE C8002T	T	CC	-/-
rs769449	APOE G5964A	A	AG	+/-
rs63750066	APP Ala695Thr	T	CC	-/-
rs63750363	APP Glu647Asp	G	CC	-/-
rs63750399	APP Ile698Val	C	TT	-/-
rs63750973	APP Thr696Ile	A	GG	-/-
rs63749964	APP Val586Gly	C	AA	-/-
rs63750734	APP Val697Met	T	CC	-/-
rs179943	ATXN1 C368404T	A	GG	-/-
rs11030104	BDNF T64089C	A	AA	+/+
rs4970834	CELSR2 -20C7927T	T	CC	-/-
rs1800775	CETP C4402A	A	CC	-/-
rs5882	CETP I405V	A	AA	+/+
rs3810950	CHAT A120T	A	AG	+/-
rs1880676	CHAT Asp7Asn	A	AG	+/-
rs11136000	CLU A58V	C	CC	+/+
rs6454673	CNR1 G88871049A	A	GG	-/-
rs6656401	CR1 A27577G	G	GG	+/+
rs17571	CTSD A58V	A	GG	-/-
rs13146272	CYP4V2 Q259K	A	AC	+/-
rs892086	DNM2 G13923A	A	AA	+/+
rs3211719	F10 113777509 A5397C	G	GG	+/+
rs2289252	F11 C25264T	T	CC	-/-
rs2036914	F11 T10364C	C	TC	+/-
rs1801020	F12 T5046C	G	GG	+/+

Alzheimers/Cardio/Lipid				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs5896	F2 C494T	T	TC	+/-
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs6046	F7 A353G Arg329Gln	A	GG	-/-
rs6048	F9 G580A A25386G	G	GG	+/+
rs10793294	GAB2 G137466T	A	AC	+/-
rs2373115	GAB2 G42719T	A	AC	+/-
rs7019241	GOLM1 C17857992T	C	CC	+/+
rs10868366	GOLM1 G88700060T	T	GG	-/-
rs1613662	GP6 Pro219Ser	A	AA	+/+
rs1800562	HFE C282Y	A	AG	+/-
rs1799945	HFE H63D	G	CC	-/-
rs1800730	HFE S65C	T	AA	-/-
rs2069837	IL6 A6262G	G	AA	-/-
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs2731672	KNG I598T GP IIIa HPA-1	C	CC	+/+
rs1012672	LRP6 Cys1270	A	GG	-/-
rs2160525	LRP6 T154522C	G	AG	+/-
rs2302685	LRP6 V1062I	T	TC	+/-
rs11754661	MTHFD1L G25264A	A	GG	-/-
rs1523127	NR1I2 C6709A	A	AA	+/+
rs12316150	OLR1 T17500A	T	AA	-/-
rs11591147	PCSK9 R46L	T	GG	-/-
rs74315402	PRNP A117V	T	CC	-/-
rs74315406	PRNP A4680516G	G	AA	-/-
rs74315415	PRNP C4680264T	T	CC	-/-
rs17852079	PRNP C4680545T	T	CC	-/-
rs28933385	PRNP E200K	A	GG	-/-
rs74315405	PRNP F198S	C	TT	-/-
rs74315410	PRNP G4680258T	T	GG	-/-
rs1800014	PRNP G4680521A	A	GG	-/-
rs74315413	PRNP H187R	G	AA	-/-
rs1799990	PRNP M129V	G	AA	-/-
rs16990018	PRNP N171S	G	AA	-/-
rs74315401	PRNP P102L	T	CC	-/-
rs11538758	PRNP V210I	A	CC	-/-
rs63750526	PSEN1 Ala242Glu	A	CC	-/-
rs63751223	PSEN1 Ala422Pro	C	GG	-/-
rs63749824	PSEN1 Ala75Val	T	CC	-/-
rs63750900	PSEN1 Arg265His	G	GG	+/+

Alzheimers/Cardio/Lipid				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
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	-/-
rs63750048	PSEN2 Ala85Val	T	CC	-/-
rs63750215	PSEN2 Asn141Ile	T	AA	-/-
rs63750110	PSEN2 Asp438Ala	C	AA	-/-
rs63749885	PSEN2 His159Tyr	T	CC	-/-
rs63749884	PSEN2 Met239Ile	A	GG	-/-
rs28936379	PSEN2 Met239Val	G	AA	-/-
rs63749851	PSEN2 Thr122Pro	C	AA	-/-
rs63750666	PSEN2 Thr429Met	T	CC	-/-
rs6859	PVRL2 A37642G	G	AG	+/-
rs2248663	RNF219 T79207588C	C	TT	-/-
rs2227589	SERPINC1 G5301A	T	CC	-/-
rs1792113	SORL1 A146986G	G	AG	+/-
rs241448	TAP2 T14863C	A	AG	+/-
rs1049296	TF Pro589Ser	T	TC	+/-
rs1042580	THBD A7681G	C	CC	+/+
rs4986790	TLR4 D299G	G	AG	+/-
rs157580	TOMM40 G45395266A	A	AA	+/+
rs1800458	TTR Gly26Ser	A	GG	-/-

SNP ID	SNP Name	IgE	Risk Allele	Your Alleles	Your Results
rs2814778	DARC 5174T>C		C	TT	-/-
rs2427837	FCER1A 159258545G>A		A	AG	+/-
rs2251746	FCER1A 159272060T>C		C	TC	+/-
rs2494262	FCER1A / OR10J2P 159253672C>A		A	AC	+/-
rs2040704	RAD50 85562A>G		G	AA	-/-

IgG				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1801274	FCGR2A His167Arg	G	AG	+/-
rs7483	GSTM3 V224I	T	TC	+/-
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	TC	+/-
rs485186	FUT2 12979A>G	A	AG	+/-
rs504963	FUT2 14638G>A	A	AG	+/-
rs492602	FUT2 A12190G	G	AG	+/-
rs1047781	FUT2 A12404T	T	AA	-/-
rs281377	FUT2 C12376T	T	CC	-/-
rs601338	FUT2 G12447A	A	AG	+/-
rs602662	FUT2 G12758A	A	AG	+/-
rs9271366	HLA 4037578A>G	G	AG	+/-
rs9275224	HLA-DQA2 3941621G>A	G	AG	+/-
rs1990760	IFIH1 (HLA) Ala946Thr	T	TT	+/+
rs2229765	IGF1R 290465G>A	A	AG	+/-
rs4728142	IRF5 974G>A	A	AA	+/+
rs12150220	NLRP1 7466T>A	T	TT	+/+
rs4353135	NLRP3 247617036G>T	T	TG	+/-
rs17221417	NOD2 13533C>G	G	CC	-/-
rs2066843	NOD2 19150C>T	T	CC	-/-
rs5743289	NOD2 30725C>T	T	CC	-/-
rs2066844	NOD2 Arg675Trp	T	CC	-/-
rs2066845	NOD2 Gly881Arg	C	GG	-/-
rs2066847	NOD2 L1007P	C	DD	-/-
rs9357155	PSMB8 / TAP1 / TAP2 4254376G>A	A	GG	-/-
rs3761847	TRAF1 123690239G>A	A	GG	-/-

Clotting Factors				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1800775	CETP C4402A	A	CC	-/-
rs13146272	CYP4V2 Q259K	A	AC	+/-
rs3211719	F10 113777509 A5397C	G	GG	+/+
rs2289252	F11 C25264T	T	CC	-/-
rs2036914	F11 T10364C	C	TC	+/-
rs1801020	F12 T5046C	G	GG	+/+
rs6025	F5 Factor V Leiden FVL	T	CC	-/-
rs6046	F7 A353G Arg329Gln	A	GG	-/-
rs6048	F9 G580A A25386G	G	GG	+/+
rs1613662	GP6 Pro219Ser	A	AA	+/+
rs5918	ITGB3 P1A2/T196C	C	TT	-/-
rs2731672	KNG I598T GP IIIa HPA-1	C	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	C	CC	+/+
rs6822844	4q27 Region 123509421G>T	T	GG	-/-
rs231775	CTLA4 Thr17Ala	G	AG	+/-
rs2858331	HLA 4126892A>G	G	AG	+/-
rs2187668	HLA DQA1	T	CC	-/-
rs9851967	LPP 220966C>T	T	TC	+/-

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

Eye Health				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs4889294	BCO1/BCMO1 36464T>C	C	TT	-/-
rs6564851	BCO1/BCMO1 81230992T>G	G	TG	+/-
rs6420424	BCO1/BCMO1 (PKD1L2) Arg252Trp	A	AG	+/-
rs7501331	BCO1/BCMO1 A379V Ala379Val	T	TC	+/-

Other Immune Factors				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs6822844	4q27 Region 123509421G>T	T	GG	-/-
rs10210302	ATG16L1 C234158839T	C	CC	+/+
rs2253262	DMGDH T372G	C	CC	+/+
rs17851582	GAMT C9110T	A	AG	+/-
rs7216389	GSDMB 38069949C>T	T	TT	+/+
rs660895	HLA-DRB1 4028086A>G	G	AA	-/-
rs20541	IL-13 Gln144Arg	G	GG	+/+
rs1801275	IL4R Q576R Gln576Arg	G	AA	-/-
rs2069812	IL5 A131879916G	G	GG	+/+
rs3743930	MeFV E148Q Glu148Gln	G	CC	-/-
rs28940578	MeFV M694I Met694Ile	T	CC	-/-
rs11466023	MeFV P369S Pro369Ser	A	GG	-/-
rs361525	TNF -238 4752G>A	A	GG	-/-
rs1800629	TNF -308 4682G>A	A	GG	-/-
rs28940879	TYR (MeFV) V726A Cys55Ser	A	GG	-/-

Sulfite/Sulfate/Oxalate Transport				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs118204442	GALNS Arg259Gln	T	CC	-/-
rs118204437	GALNS Arg386Cys	A	GG	-/-
rs118204441	GALNS Arg94Cys	G	GG	+/+
rs118204440	GALNS Asn487Ser	C	TT	-/-
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	-/-
rs192732174	GLB1 Arg148Cys	T	GG	-/-
rs119461974	GNS Arg355Ter	A	GG	-/-
rs119461975	GNS Gln390Ter	A	GG	-/-
rs193066451	HGSNAT 23597G>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	-/-
rs193302904	IDS Asp198Asn	T	CC	-/-
rs199422229	IDS Cys422Gly	C	AA	-/-
rs193302907	IDS Glu274Ter	A	CC	-/-
rs193302910	IDS Gly134Glu	T	CC	-/-
rs193302912	IDS Gly312Asp	T	CC	-/-
rs193302908	IDS Ser142Tyr	T	GG	-/-
rs193302906	IDS Trp345Arg	A	AA	+/+
rs199422230	IDS Trp475Ter	T	CC	-/-
rs199422228	IDS Trp502Ser	C	CC	+/+
rs121965020	IDUA Gln70Ter	T	CC	-/-
rs121965032	IDUA Thr364Met	T	CC	-/-
rs121965019	IDUA Trp402Ter	A	GG	-/-
rs143947056	SGSH Pro293Ser	A	GG	-/-
rs138504221	SGSH Ser298Pro	G	AA	-/-
rs189115557	TMPPE GLB1 Arg201His	T	CC	-/-

Glyoxylate Metabolic Process (Figure 10)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1049748	ABP1 P574P	C	TT	-/-
rs4426527	AGXT I340M	G	AA	-/-
rs34116584	AGXT P11R	T	CC	-/-
rs344156	AGXT2 A35035579G	G	AG	+/-
rs40200	AGXT2 A35045745G	G	GG	+/+
rs7717823	AGXT2 C35000795T	T	TC	+/-
rs28305	AGXT2 C35044298G	C	GG	-/-
rs37369	AGXT2 V140I	T	CC	-/-
rs16899974	AGXT2 V498L	A	CC	-/-
rs1377210	AGXT2L1 S127P	G	AA	-/-
rs3810174	BCKDHA C5472T	T	CC	-/-
rs10455370	BCKDHB C229524T	T	TC	+/-
rs6931421	BCKDHB T68795G	G	TG	+/-
rs3918347	DAO A24464G	G	AG	+/-
rs2070586	DAO G8864A	A	AG	+/-
rs2111902	DAO T9891G	G	TG	+/-
rs12021720	DBT G384S	C	CC	+/+
rs2057149	DDO C110717493T	T	TC	+/-
rs3740015	DHTKD1 Y272D	G	TG	+/-
rs10263341	DLD T19214C	C	TT	-/-
rs732765	DLST A22136G	G	GG	+/+
rs11789777	GLDC A55715G	C	CC	+/+
rs7848919	GLDC C118216T	A	AG	+/-
rs2423322	HAO1 A7873112G	G	AG	+/-
rs6118004	HAO1 C7897049T	T	TC	+/-
rs16994134	HAO1 T7894092C	C	TT	-/-
rs2423334	HAO1 T7905947C	C	CC	+/+
rs2297644	HOGA1 T20638C	C	TC	+/-
rs730168	LDHD C75150275T	T	CC	-/-
rs2259073	LIAS A19410C	C	AA	-/-
rs459894	NDUFAB1 A23601488G	G	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	G	AA	-/-
rs912514	ATP8A2 (ATP) C7524369T	T	CC	-/-
rs6491066	ATP8A2 (ATP) F561F	T	CC	-/-
rs3117849	ATP8A2 (ATP) G7279179A	A	GG	-/-
rs7320729	ATP8A2 (ATP) T7044148C	C	TC	+/-
rs3783139	ATP8A2 (ATP) T7520642C	C	TC	+/-
rs480575	CAT A12175G	G	GG	+/+
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	-/-
rs1050829	G6PD A376G - Class I	C	TT	-/-
rs5986990	G6PD G153761628A	A	GG	-/-
rs2472394	G6PD G9437T	A	CC	-/-
rs72554664	G6PD R493H - Class II	T	CC	-/-
rs1050828	G6PD V98M - Class III	T	CC	-/-
rs769395	GAD1 (GAD) A48604A	A	AA	+/+
rs2241165	GAD1 (GAD) C10180T	T	TT	+/+
rs3828275	GAD1 (GAD) C14541T	T	TT	+/+
rs2241164	GAD1 (GAD) C18360T	T	TC	+/-
rs701492	GAD1 (GAD) C34281T	T	CC	-/-
rs3791850	GAD1 (GAD) G39901A	A	GG	-/-
rs3749034	GAD1 (GAD) G5276A	A	GG	-/-
rs2236418	GAD2 (GAD) A26505496G	G	AA	-/-
rs8190646	GAD2 (GAD) A26520507G	G	AA	-/-
rs1330581	GAD2 (GAD) A26528835G	G	AA	-/-
rs8190612	GAD2 (GAD) C26512375T	T	CC	-/-
rs1805398	GAD2 (GAD) G26474809T	T	GG	-/-
rs12009	HSPA5 (GRP78) C11364T	A	AG	+/-
rs2066786	RFC1 P848P	C	TT	-/-
rs6844176	RFC1 T39366590C	C	TC	+/-
rs6851075	RFC1 T39367654C	C	TC	+/-
rs914232	SLC19A1 A14636G	C	TC	+/-
rs4818789	SLC19A1 C18559A	T	TT	+/+
rs3788190	SLC19A1 C30428T	A	AG	+/-
rs1051298	SLC19A1 C32560T	A	AG	+/-
rs1051266	SLC19A1 H27R	C	TC	+/-
rs12659	SLC19A1 P192P	A	AG	+/-

Thiamin/Thiamine Degradation (Figure 11)				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2838956	SLC19A1 T22362C	G	AG	+/-
rs1051296	SLC19A1 T32525G	C	AC	+/-
rs6656822	SLC19A2 A23663G	C	CC	+/+
rs2156310	TFF1 G781047A	A	AG	+/-
rs4687718	TKT A53282303G	G	GG	+/+
rs11130362	TKT C53265766T	T	CC	-/-
rs4687717	TKT T53282188C	C	TC	+/-
rs766419	TKTL1 A35635G	G	AA	-/-
rs2872817	TKTL1 A39392G	G	AA	-/-
rs766420	TKTL1 C35378G	G	CC	-/-
rs969356	TPK1 C364824T	A	AA	+/+

HLA				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs9271366	HLA 4037578A>G	G	AG	+/-
rs2858331	HLA 4126892A>G	G	AG	+/-
rs2187668	HLA DQA1	T	CC	-/-
rs3823339	HLA-A 7727C>G	G	CC	-/-
rs1061235	HLA-A 8057A>T	T	TA	+/-
rs2523608	HLA-B 7431C>T	A	GG	-/-
rs3819299	HLA-B His363Pro	G	TT	-/-
rs2001181	HLA-C 7911A>G	C	TC	+/-
rs23544	HLA-DMB 4348055C>T	T	CC	-/-
rs151719	HLA-DMB 4348318T>C	C	TC	+/-
rs86567	HLA-DOA 5631C>A	G	TG	+/-
rs2284191	HLA-DOA 5736C>T	A	GG	-/-
rs399604	HLA-DOA 7376A>G	C	TC	+/-
rs2581	HLA-DOA 7989C>A	T	TG	+/-
rs9276977	HLA-DOA 8549C>T	A	GG	-/-
rs416622	HLA-DOA 9109A>G	C	CC	+/+
rs376892	HLA-DOA 9503C>T	A	AG	+/-
rs1044429	HLA-DOA 9748G>A	T	TC	+/-
rs3128935	HLA-DOA 9986A>G	C	TT	-/-
rs2071469	HLA-DOB 5043G>A	T	TC	+/-
rs2621326	HLA-DOB 5930C>T	G	AG	+/-
rs7383287	HLA-DOB 6740T>C	G	AA	-/-
rs2071473	HLA-DOB 7221G>A	C	TC	+/-
rs2856997	HLA-DOB 8050G>T	A	AC	+/-
rs11244	HLA-DOB 9102C>T	A	GG	-/-
rs2071554	HLA-DOB Arg18Gln	T	CC	-/-
rs2301226	HLA-DPA1 18960C>T	A	GG	-/-
rs3077	HLA-DPA1 20534T>C	G	AA	-/-
rs9277535	HLA-DPB1 16159A>G	G	AA	-/-
rs9275224	HLA-DQA2 3941621G>A	G	AG	+/-
rs9276431	HLA-DQA2 4158042T>C	T	TC	+/-
rs2239800	HLA-DQA2 4159063A>G	G	AA	-/-
rs7453920	HLA-DQB2 4175809A>G	G	AG	+/-
rs2051549	HLA-DQB2 4175883G>A	A	AG	+/-
rs1573649	HLA-DQB2 Met1Thr	A	AG	+/-
rs3135394	HLA-DRA 5055G>A	G	AA	-/-
rs9268645	HLA-DRA 5085C>G	G	CC	-/-
rs3129878	HLA-DRA 5293C>A	C	AC	+/-
rs3129881	HLA-DRA 6041T>C	T	CC	-/-

HLA				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs3129882	HLA-DRA 6087A>G	G	AG	+/-
rs3129883	HLA-DRA 6694C>T	T	TC	+/-
rs9268658	HLA-DRA 7273G>A	A	AG	+/-
rs3135391	HLA-DRA 7544G>A	A	AG	+/-
rs8084	HLA-DRA 7592A>C	C	AC	+/-
rs2239804	HLA-DRA 8080T>C	C	TC	+/-
rs3129888	HLA-DRA 8283A>G	G	AG	+/-
rs2239803	HLA-DRA 8390C>T	T	TC	+/-
rs2239802	HLA-DRA 8403G>C	C	CG	+/-
rs3177928	HLA-DRA 8958G>A	A	GG	-/-
rs1041885	HLA-DRA 9332A>T	A	TT	-/-
rs7192	HLA-DRA Leu242Val	T	TG	+/-
rs660895	HLA-DRB1 4028086A>G	G	AA	-/-
rs7775228	HLA-DRB4 4103732T>C	C	TT	-/-
rs9268831	HLA-DRB9 7239C>T	C	CC	+/+
rs2844846	HLA-F-AS1, MICE 4945T>A	T	TA	+/-
rs1632933	HLA-G 8178C>T	T	TC	+/-
rs2517701	HLA-W 2462A>T	T	AA	-/-
rs3893538	HLA-W 915T>C	T	TC	+/-
rs3094228	HLA-X 441A>G	C	TT	-/-

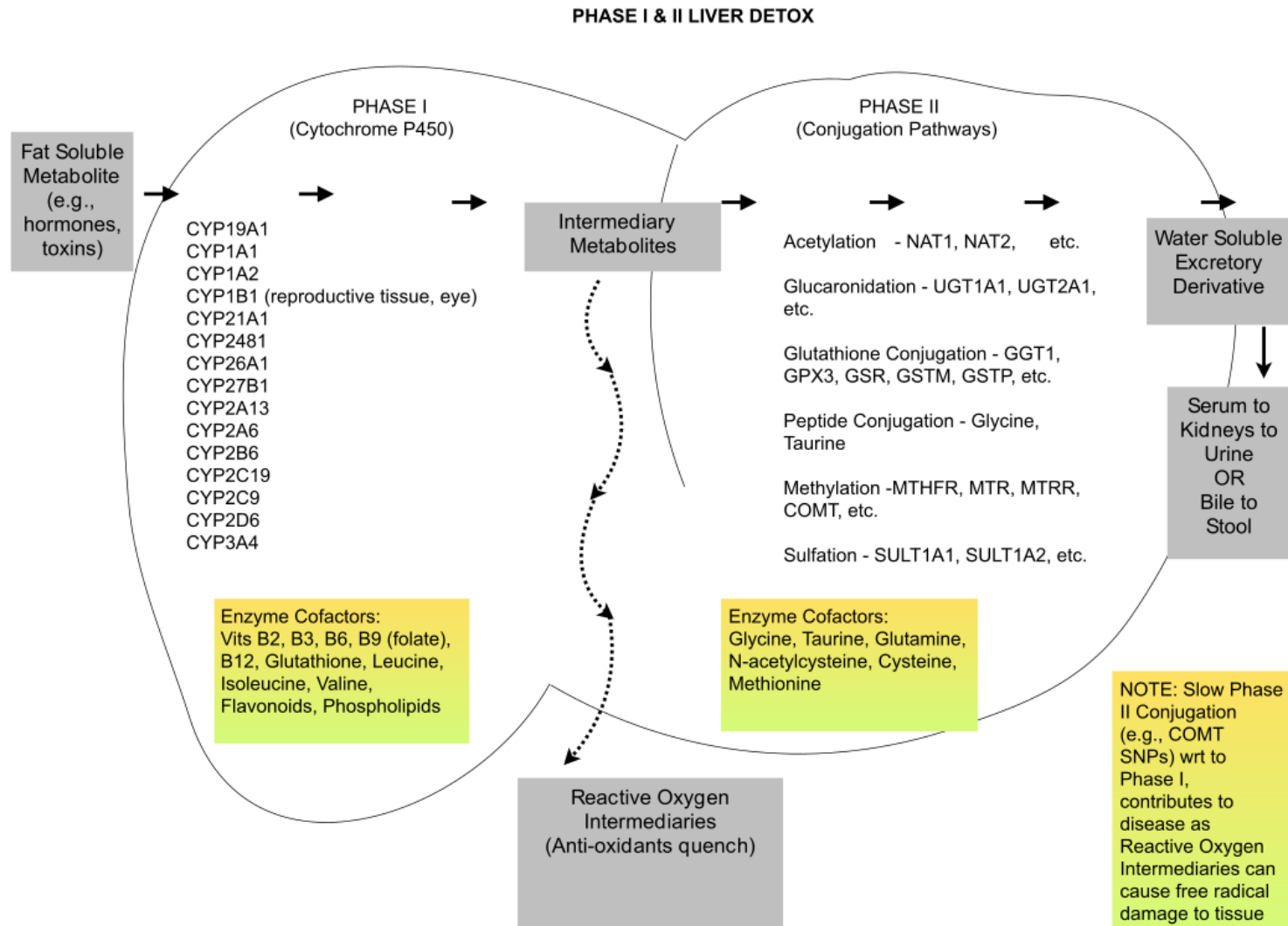
Iron Uptake & Transport				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2231164	ABCG2 89015857C>T	T	TT	+/+
rs13120400	ABCG2 89033527T>C	C	TT	-/-
rs1481012	ABCG2 89039082A>G	A	AA	+/+
rs4148155	ABCG2 89054667A>G	G	AA	-/-
rs4148152	ABCG2 89060909T>C	C	TT	-/-
rs3114018	ABCG2 89064581A>C	C	CC	+/+
rs2622604	ABCG2 89078924T>C	C	CC	+/+
rs72552713	ABCG2 Gln126Ter	A	GG	-/-
rs2231142	ABCG2 Gln141Lys	T	GG	-/-
rs2266917	ATP6V1B1 11708C>T	T	TC	+/-
rs2239484	ATP6V1B1 15411A>G	G	AA	-/-
rs2071594	ATP6V1G2-DDX39B,ATP6V1G2 3093G>C	C	GG	-/-
rs235756	BMP2 C282Y	G	AG	+/-
rs701755	CP 148902714T>C	C	TT	-/-
rs13072552	CP 148913126G>T	T	GG	-/-
rs772908	CP 148923656G>A	A	GG	-/-
rs11709714	CP 148931980G>A	A	AG	+/-
rs960748	CYBRD1 171523426G>A	A	AG	+/-
rs17554	CYBRD1 171546859G>A	A	AA	+/+
rs10455	CYBRD1 Ser208Asn	A	AA	+/+
rs1264216	HEPH 57825T>G	G	TT	-/-
rs1028348	HEPH 6731C>T	T	CC	-/-
rs17216603	HEPH Ala598Thr	A	GG	-/-
rs1800562	HFE C282Y	A	AG	+/-
rs1799945	HFE H63D	G	CC	-/-
rs1800730	HFE S65C	T	AA	-/-
rs2071749	HMOX1 11354A>G	G	AA	-/-
rs5755720	HMOX1 14814A>G	G	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	TC	+/-
rs708670	STEAP3 10854G>A	A	AG	+/-
rs12711924	STEAP3 35788G>A	A	AG	+/-
rs838102	STEAP3 8350G>A	A	AG	+/-
rs4241357	TF 15587G>T	T	GG	-/-

Iron Uptake & Transport				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs1799852	TF 15746C>T	T	CC	-/-
rs1880669	TF 23720T>C	T	TT	+/+
rs3811647	TF 24053G>A	A	GG	-/-
rs1358024	TF 24212C>T	T	CC	-/-
rs1130459	TF 5307A>G	A	AA	+/+
rs4428180	TF 6398A>G	G	AA	-/-
rs12493168	TF 6612A>G	G	AA	-/-
rs8177190	TF 7720C>T	T	CC	-/-
rs8177191	TF 8163G>A	A	AG	+/-
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	AA	+/+
rs291592	DPYD 97543764C>T	T	TT	+/+
rs1399291	DPYD 97576922C>T	T	TT	+/+
rs11587873	DPYD 97653070C>T	T	CC	-/-
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	TC	+/-
rs55886062	DPYD Ile560Asn	C	AA	-/-
rs2297595	DPYD Met166Val	C	TT	-/-
rs1801158	DPYD Ser534Asn	T	CC	-/-
rs1801160	DPYD Val732Ile	T	CC	-/-
rs1801268	DPYD Val995Phe	A	CC	-/-
rs4717865	ELN 16773G>A	A	GG	-/-
rs2856728	ELN 33356C>T	T	TT	+/+
rs2528795	ELN 36068T>C	C	TT	-/-
rs2071307	ELN Gly422Ser	G	AG	+/-
rs41511151	ELN Gly711Asp	A	GG	-/-
rs8020095	GPHN 484734G>A	A	GG	-/-
rs2297385	KCNQ2 62070966G>A	A	GG	-/-
rs1801475	KCNQ2 Asn752Thr	T	TG	+/-
rs7269297	MOCS3 Ser429Ala	G	TT	-/-
rs1049564	PNP Gly51Ser	G	AG	+/-
rs121908008	SUOX Ala265Asp	A	CC	-/-
rs121908007	SUOX Arg217Gln	A	GG	-/-
rs121908009	SUOX Gly530Asp	A	GG	-/-
rs723744	TTR 5747G>T	T	GG	-/-
rs1800458	TTR Gly26Ser	A	GG	-/-
rs76992529	TTR Val142Ile	A	GG	-/-
rs207444	XDH 31563797A>G	A	GG	-/-
rs1884725	XDH 31571786A>G	A	AG	+/-
rs1429376	XDH 31588561A>C	A	AC	+/-
rs185925	XDH 31609993G>A	G	AA	-/-

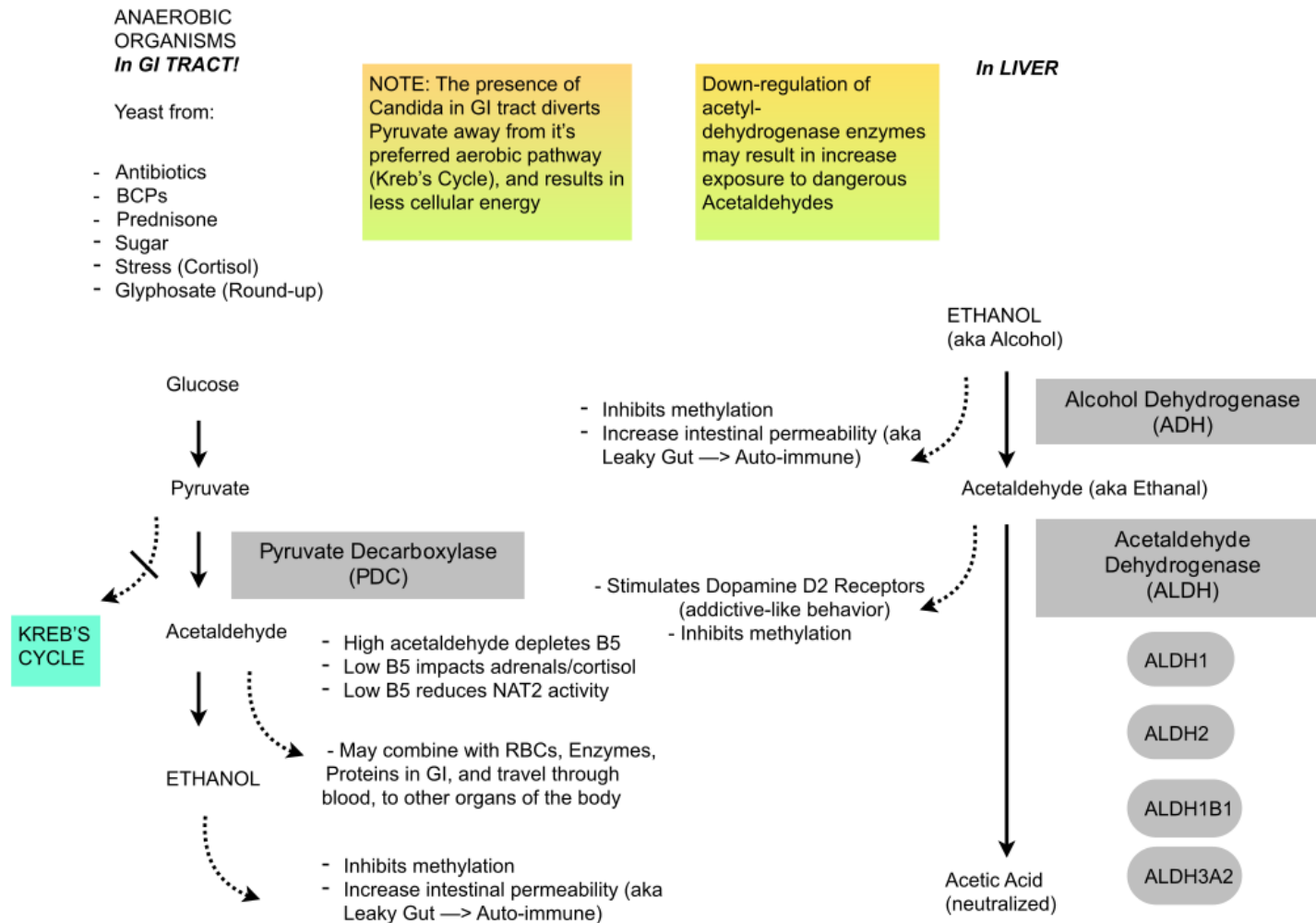
Molybdenum				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs2073316	XDH 31611029G>A	A	AG	+/-
rs206811	XDH 31636915A>G	A	GG	-/-
rs17323225	XDH Ile646Val	C	TT	-/-
rs17011368	XDH Ile703Val	C	TT	-/-

Muscle Fatigue & Pain				
SNP ID	SNP Name	Risk Allele	Your Alleles	Your Results
rs926938	AMPD1 114697195A>G	A	GG	-/-
rs35859650	AMPD1 Arg421Trp	A	GG	-/-
rs121912682	AMPD1 Arg458His	T	CC	-/-
rs17602729	AMPD1 Gln45Lys	A	GG	-/-
rs61752478	AMPD1 Met343Ile	A	CC	-/-
rs746332433	AMPD2 Arg378Pro	C	GG	-/-
rs587777394	AMPD2 Asp793Tyr	T	GG	-/-
rs587777392	AMPD2 Glu778Asp	C	GG	-/-
rs875989844	AMPD2 Tyr752Ter	G	CC	-/-
rs3741040	AMPD3 Arg582Cys	T	CC	-/-



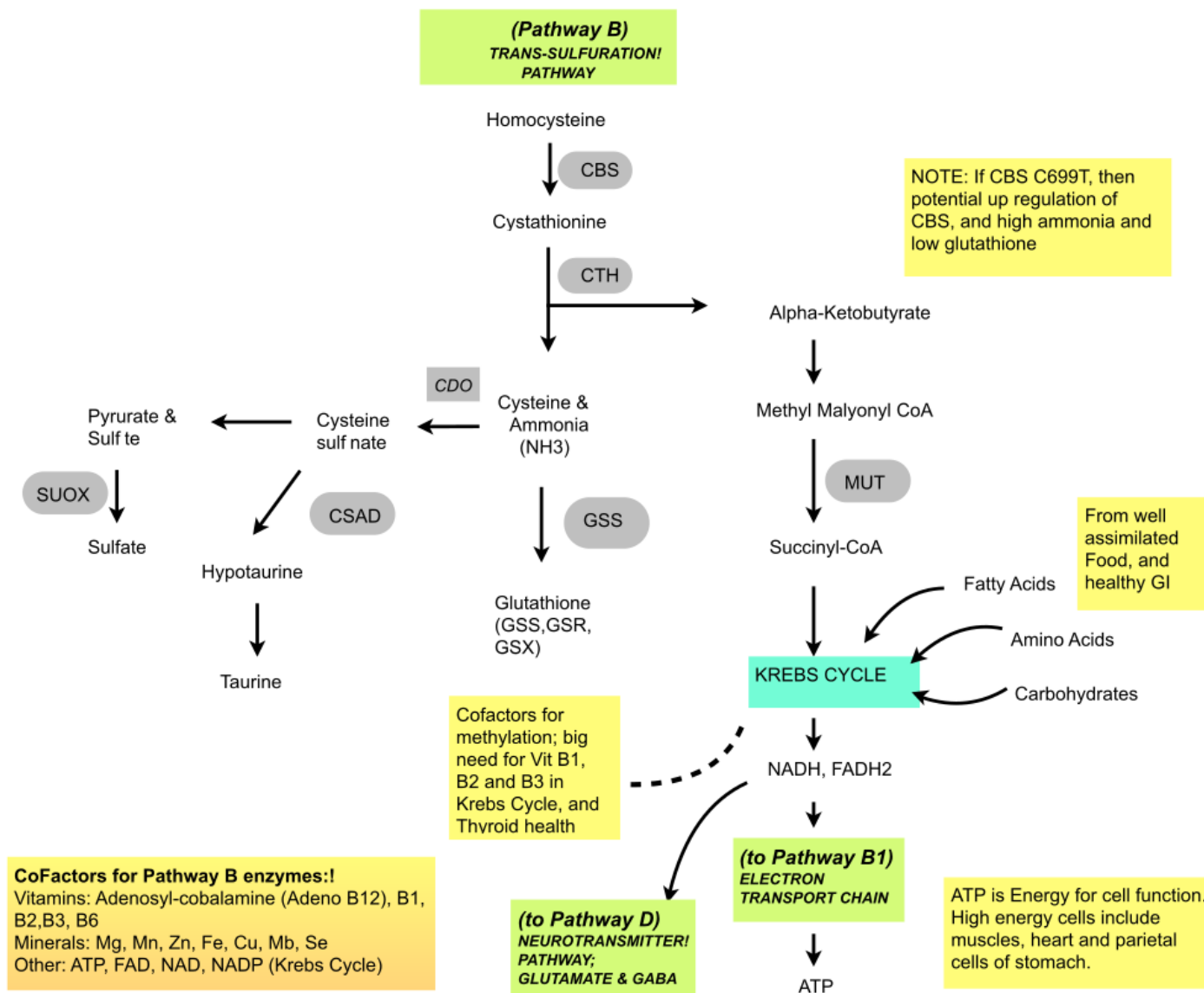
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YEAST & ALCOHOL METABOLISM—> METHYLATION INHIBITION & LEAKY GUT & LOW ENERGY PRODUCTION (decreased Kreb's)

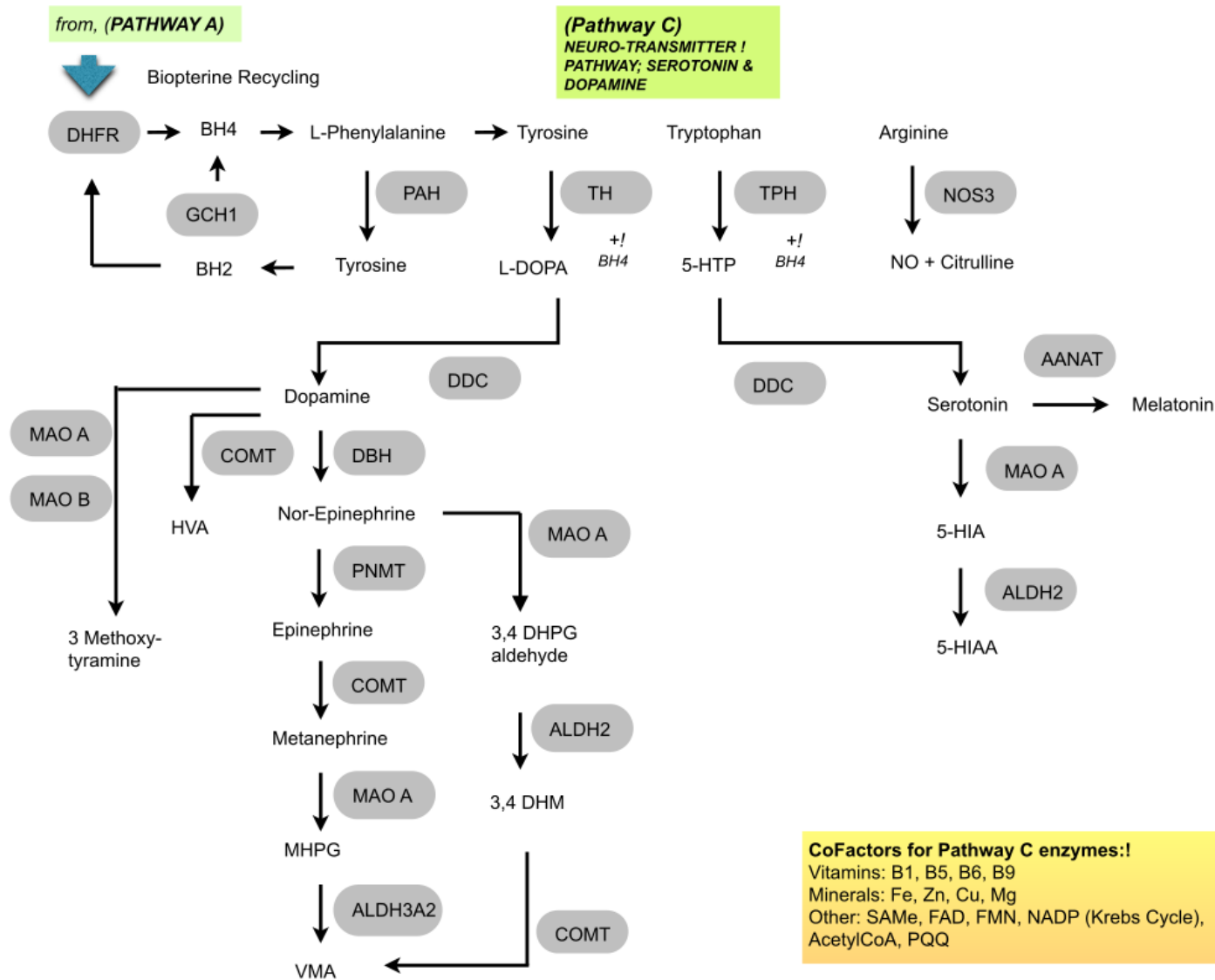


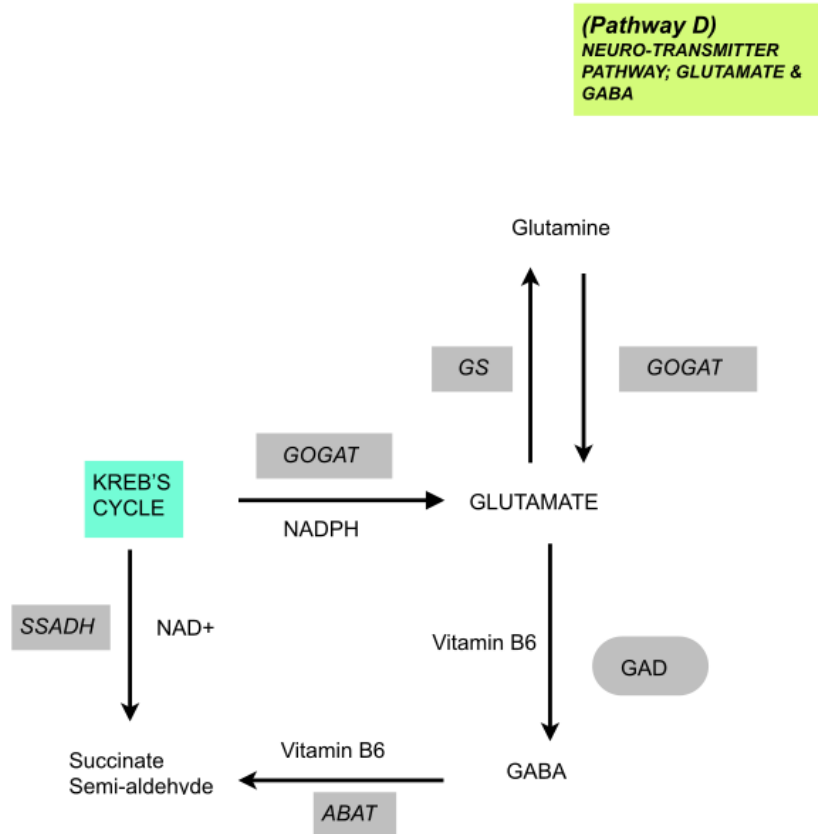
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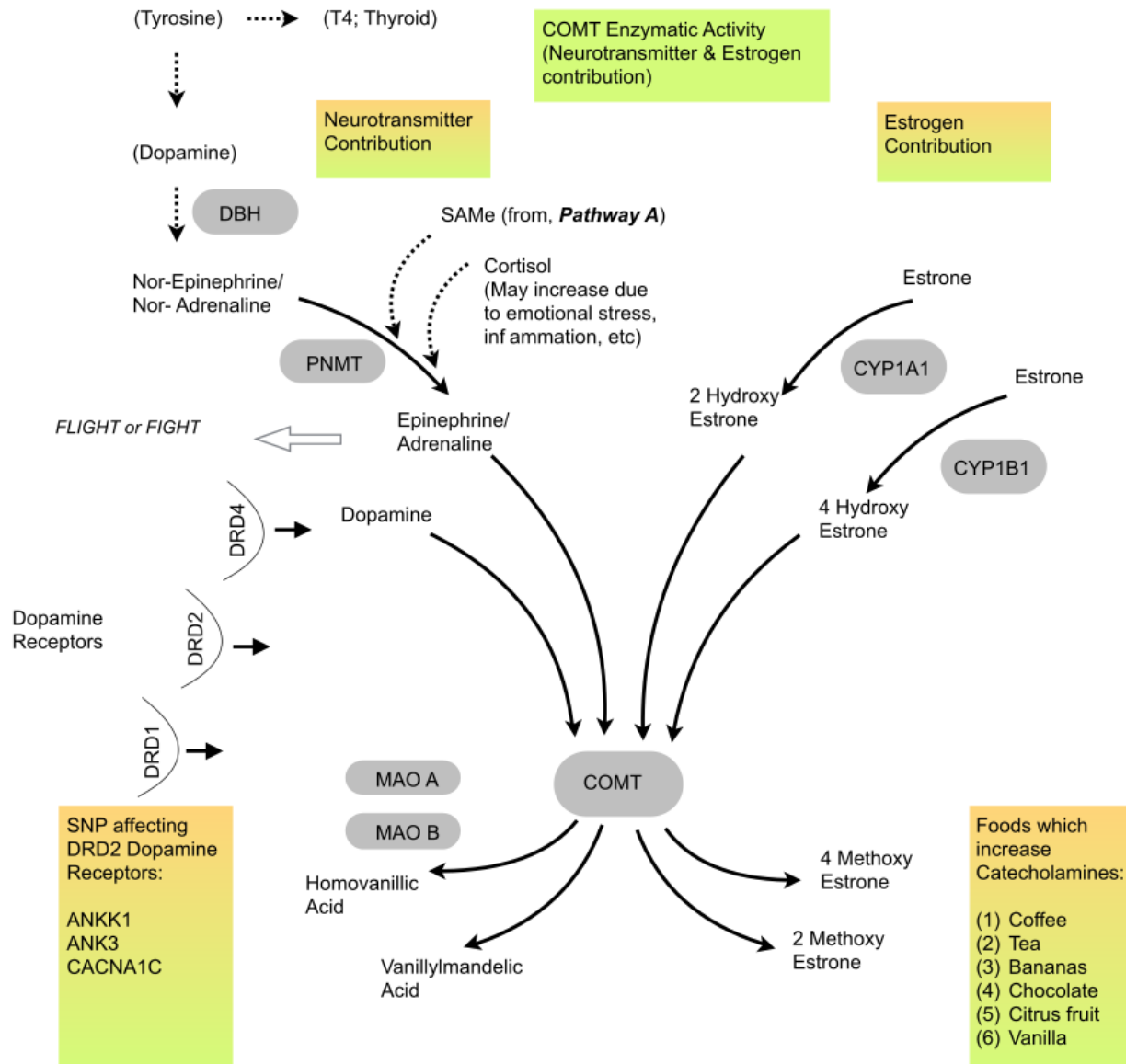
GS - Glutamine Synthetase - Located in brain astrocytes. Neuro-protective against excitotoxicity via taking up excess ammonia and glutamate and converting it into glutamine via the enzyme GS

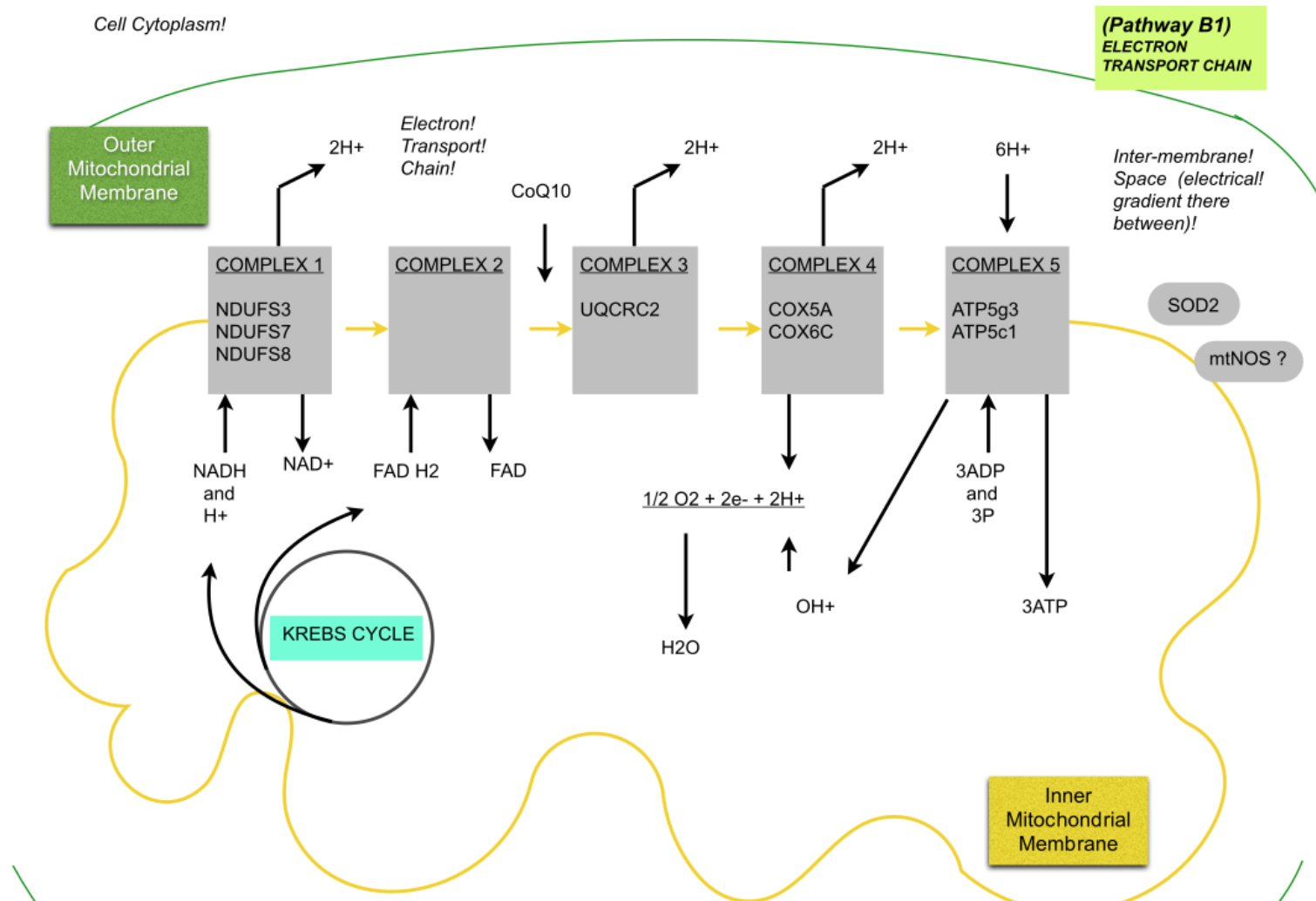
GOGAT - aka Glutamate Synthase (NADPH) - Manufactures glutamate from glutamine and α -ketoglutarate, and thus along with glutamine synthetase (abbreviated GS) plays a central role in the regulation of nitrogen assimilation

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

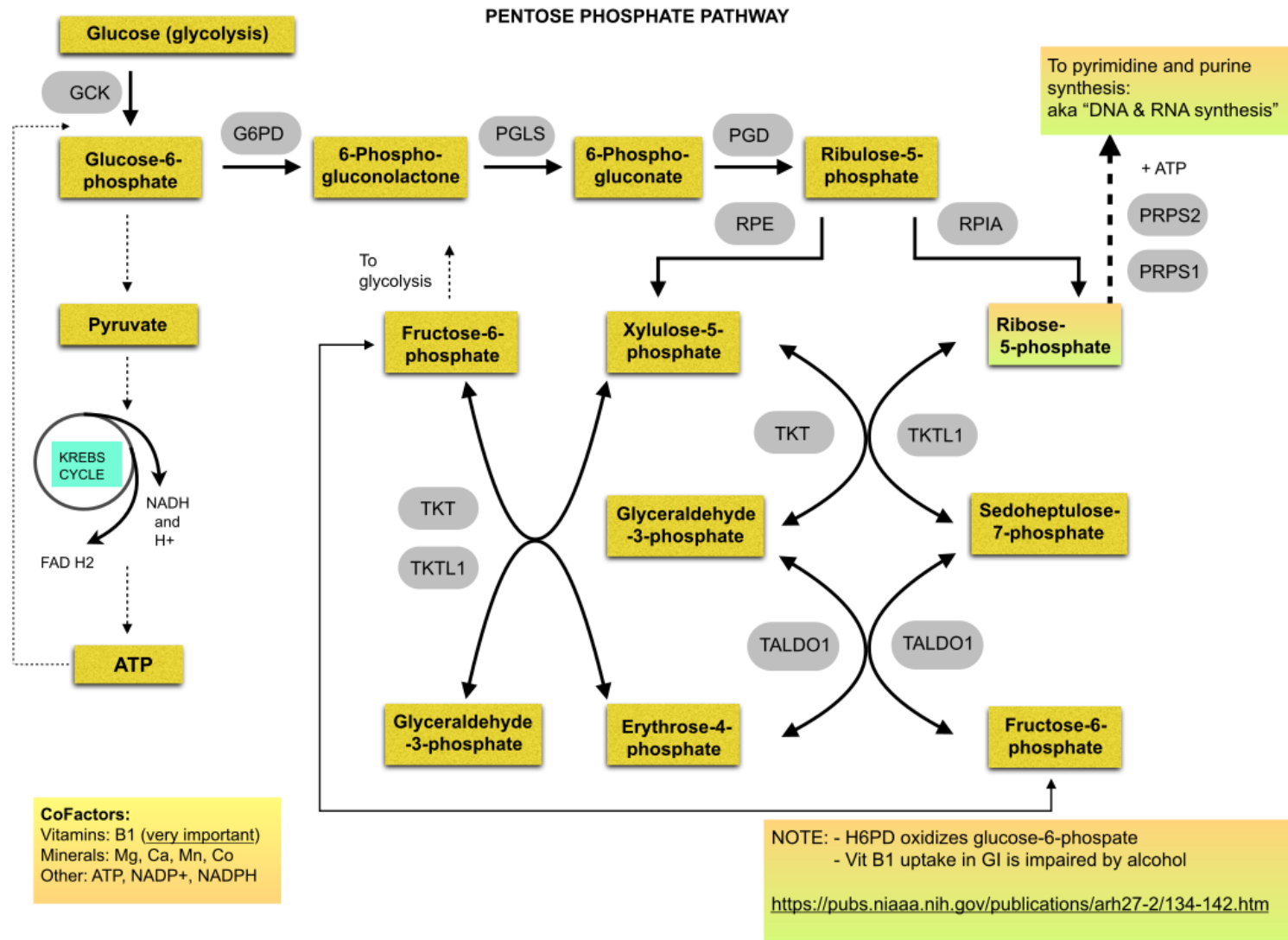
ABAT - 4-aminobutyrate aminotransferase - Responsible for catabolism of gamma-aminobutyric acid (GABA), a mostly inhibitory neurotransmitter in the central nervous system, into succinic semialdehyde

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

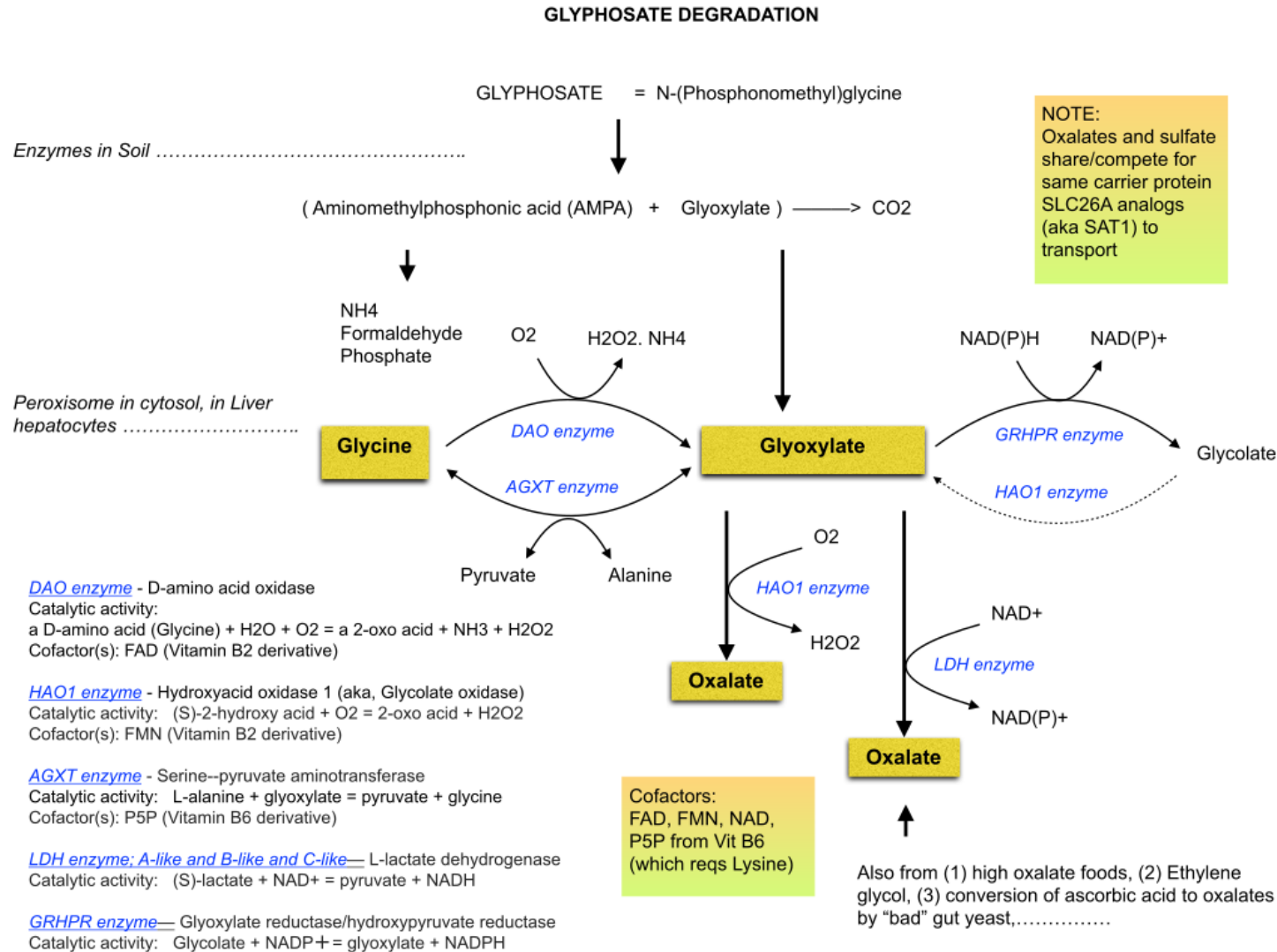




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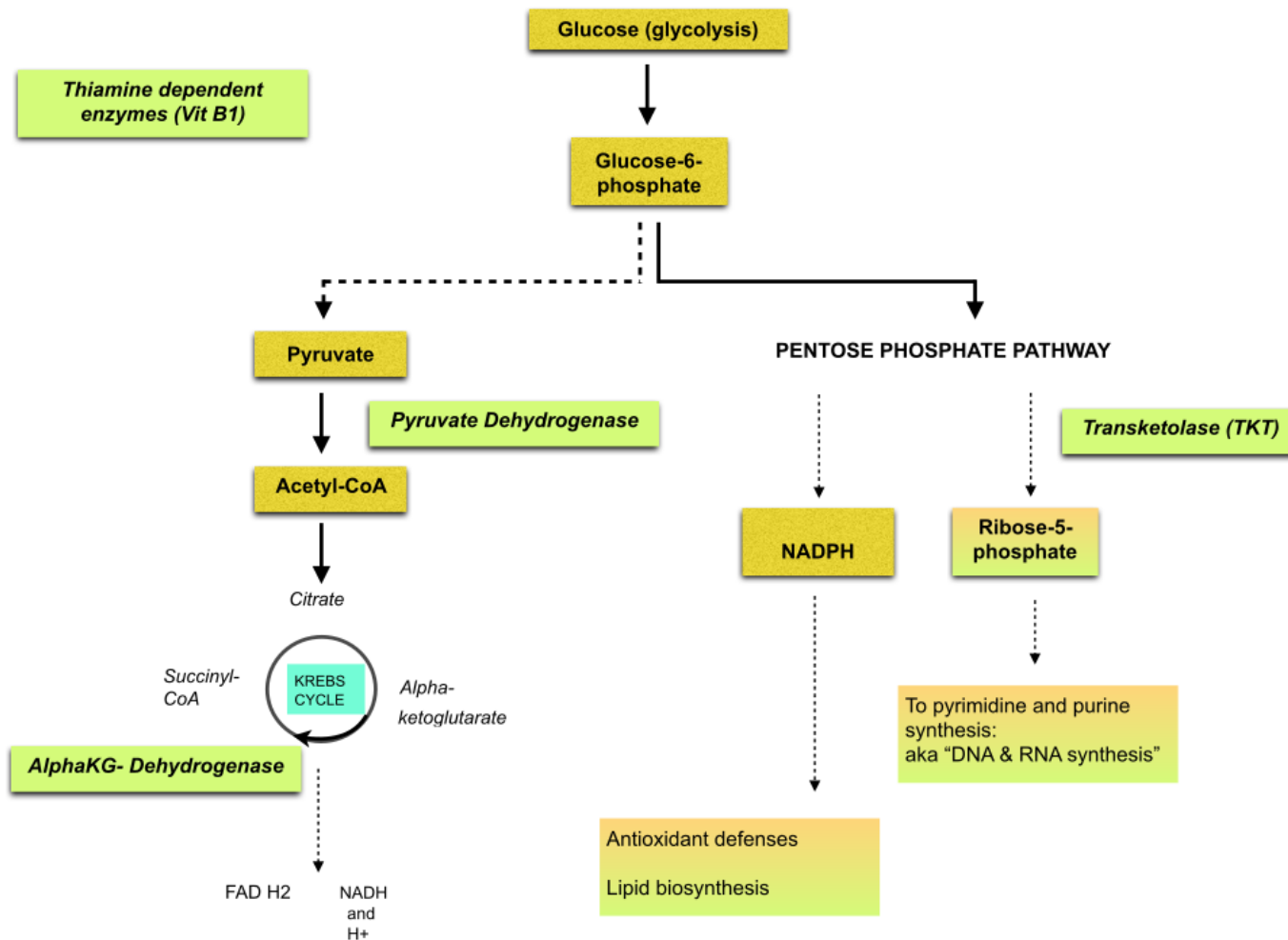


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OVERVIEW CONNECTION BETWEEN: GLYCOLYSIS & PENTOSE PHOSPHATE PATHWAY & KREBS CYCLE & THIAMINE



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