

| 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 | -/- |
| rs2472304 | CYP1A2*1F | A | AG | +/- |
| rs762551 | CYP1A2*1F C164A | C | AC | +/- |
| rs2069526 | CYP1A2*1K -739T>G | G | TT | -/- |
| rs56276455 | CYP1A2*3 D348N | A | GG | -/- |
| rs28399424 | CYP1A2*6 R431W | T | CC | -/- |
| rs28936700 | CYP1B1 10233C>T | T | CC | -/- |
| rs1056827 | CYP1B1 A119S | A | CC | -/- |
| rs1056836 | CYP1B1 L432V | C | CG | +/- |
| rs1800440 | CYP1B1 N453S | T | CT | +/- |
| rs10012 | CYP1B1 R48G | G | CG | +/- |
| rs9282671 | CYP1B1 T241A | A | AA | +/+ |
| rs5031016 | CYP2A6 T1412C | G | AA | -/- |
| rs28399454 | CYP2A6 V365M | T | CC | -/- |
| rs1801272 | CYP2A6*2 A1799T | T | AA | -/- |
| rs35303484 | CYP2B6 A136G | G | AA | -/- |
| rs34097093 | CYP2B6 C1132T | T | CC | -/- |
| rs8192719 | CYP2B6 C26570T | T | CT | +/- |
| rs28399499 | CYP2B6 I328T | C | TT | -/- |
| rs3745274 | CYP2B6 Q172H | T | GT | +/- |
| rs8192709 | CYP2B6 R22C | T | CC | -/- |
| rs3211371 | CYP2B6 R487C | T | CC | -/- |
| rs1042389 | CYP2B6 T1421C | C | CT | +/- |
| rs36079186 | CYP2B6 T20715C | C | TT | -/- |
| rs2279345 | CYP2B6 T23499C | T | CC | -/- |
| rs3814637 | CYP2C19 C1418T | T | CC | -/- |
| rs12767583 | CYP2C19 C5709T | T | CC | -/- |
| rs4917623 | CYP2C19 T106C | C | CT | +/- |
| rs4986894 | CYP2C19 T98C | T | TT | +/+ |
| rs12248560 | CYP2C19*17 C806T | T | CT | +/- |
| 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 | -/- |
| rs17884712 | CYP2C19*9 G17784A | A | GG | -/- |
| rs3758581 | CYP2C19_80161G>A(V331I) V331I | A | GG | -/- |
| rs1057909 | CYP2C9 42612A>G | G | AA | -/- |
| rs4917639 | CYP2C9 A6326C | C | AA | -/- |

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| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs4086116 | CYP2C9 C334T | T | CC | -/- |
| rs10509680 | CYP2C9 G2337T | T | GG | -/- |
| rs12572351 | CYP2C9 G9806A | A | AG | +/- |
| rs4918758 | CYP2C9 T1188C | C | CT | +/- |
| rs1934967 | CYP2C9 T2674C | T | CC | -/- |
| rs28371685 | CYP2C9*11 1003C>T | T | CC | -/- |
| rs9332239 | CYP2C9*12 1465C>T | T | CC | -/- |
| rs1799853 | CYP2C9*2 430C>T | T | CC | -/- |
| rs1057910 | CYP2C9*3 1075A>C | C | AA | -/- |
| rs9332131 | CYP2C9*6 818delA | D | II | -/- |
| rs7900194 | CYP2C9*8 449G>A | A | GG | -/- |
| rs2256871 | CYP2C9*9 752A>G | G | AA | -/- |
| rs1080983 | CYP2D6 A1775G | T | CC | -/- |
| rs1058164 | CYP2D6 C186G | C | CC | +/+ |
| rs16947 | CYP2D6 C2850T | A | GG | -/- |
| rs1081003 | CYP2D6 C336T | A | GG | -/- |
| rs61736512 | CYP2D6 G1659A | T | CC | -/- |
| rs28360521 | CYP2D6 G2908A | T | CC | -/- |
| rs28371722 | CYP2D6 G7754A | T | CC | -/- |
| rs1065852 | CYP2D6 T100C | T | GG | -/- |
| rs28371699 | CYP2D6 T130G | C | CC | +/+ |
| rs59421388 | CYP2D6 V287M | T | CC | -/- |
| rs5030865 | CYP2D6*14 1758G>A | A | CC | -/- |
| rs28371706 | CYP2D6*17 T107I | A | GG | -/- |
| rs1135840 | CYP2D6*2 S486T | C | CC | +/+ |
| rs3892097 | CYP2D6*4 1846G>A | T | CC | -/- |
| rs28371725 | CYP2D6*41 2988G>A | T | CC | -/- |
| rs5030867 | CYP2D6*7 2935A>C | G | TT | -/- |
| rs2480256 | CYP2E1 A46G | A | AG | +/- |
| rs915908 | CYP2E1 G301A | A | GG | -/- |
| rs3813865 | CYP2E1 G3378C | C | GG | -/- |
| rs8192775 | CYP2E1 G625A | A | GG | -/- |
| rs1329149 | CYP2E1 T766C | T | CC | -/- |
| rs8192772 | CYP2E1 T8845C | C | CT | +/- |
| rs2070676 | CYP2E1*1B G9896C | G | CC | -/- |
| rs55897648 | CYP2E1*3 V389I | A | GG | -/- |
| 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 | -/- |
| rs2515641 | CYP2E1_10463T>C(F421F) F421F | T | CC | -/- |
| rs4646437 | CYP3A4 C202T | A | GG | -/- |
| rs2246709 | CYP3A4 T258C | G | AG | +/- |

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| Liver Detox - Phase I (Figure 1) | | | | |
|----------------------------------|--------------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs12721627 | CYP3A4*16 T185S | G | GG | +/+ |
| rs28371759 | CYP3A4*18 L293P | G | AA | -/- |
| rs2740574 | CYP3A4*1B A392G | C | TT | -/- |
| rs55785340 | CYP3A4*2 S222P | G | AA | -/- |
| rs4986910 | CYP3A4*3 M445T | G | AA | -/- |
| rs55951658 | CYP3A4*4 I118V | C | TT | -/- |
| rs55901263 | CYP3A4*5 P218R | C | GG | -/- |
| rs3091339 | CYP3A4*_11460A>G(K96E) K96E | C | TT | -/- |
| rs28365083 | CYP3A5*2 C2899A | T | GG | -/- |
| rs776746 | CYP3A5*3 G237A | A | CC | -/- |
| rs10264272 | CYP3A5*6 G624A | T | CC | -/- |
| rs28383479 | CYP3A5*9 G1009A | T | CC | -/- |
| rs1800730 | HFE 193A>T | T | AA | -/- |
| rs662 | PON1 Q192R | T | CT | +/- |
| rs2855262 | SOD3 489 C>T | T | CT | +/- |

| Liver Detox - Phase II (Figure 1) | | | | |
|-----------------------------------|--------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1049793 | ABP1/DAO H664A | C | CG | +/- |
| rs1049742 | ABP1/DAO S332P | T | CT | +/- |
| rs10156191 | ABP1/DAO T16M | C | CC | +/+ |
| rs3741049 | ACAT1 G22670A | A | GG | -/- |
| rs4343 | ACE G2328A | G | AG | +/- |
| rs244076 | ADA A534G | G | TT | -/- |
| rs6031692 | ADA C10783T | A | GG | -/- |
| rs447833 | ADA G22021A | C | TT | -/- |
| rs73598374 | ADA G22A | T | CC | -/- |
| rs4961 | ADD1 G460W | T | GG | -/- |
| rs17028834 | ADH1B A14973G | C | TT | -/- |
| rs6413413 | ADH1B A178T | A | TT | -/- |
| rs1042026 | ADH1B A19107G | C | TT | -/- |
| rs2066702 | ADH1B A396C | A | GG | -/- |
| rs1353621 | ADH1B A5998G | C | CT | +/- |
| rs1229983 | ADH1B A7571G | C | TT | -/- |
| rs2075633 | ADH1B A8575G | C | TT | -/- |
| rs1041969 | ADH1B C8282A | T | GG | -/- |
| rs2066701 | ADH1B C9160T | A | GG | -/- |
| rs1538311 | ADK G509567T | T | TT | +/+ |
| rs699 | AGT M235T/C4072T | G | AG | +/- |
| rs819147 | AHCY-01 G14905A | C | TT | -/- |
| rs4855873 | AMT T5998G | C | AC | +/- |
| rs5128 | APOC3 3u386 | G | CC | -/- |
| rs4520 | APOC3 G34G | T | CT | +/- |
| rs6875201 | BHMT A7961G | G | AA | -/- |
| rs3733890 | BHMT R239Q | A | AG | +/- |
| rs567754 | BHMT-02 C13813T | T | CT | +/- |
| rs651852 | BHMT-08 C6457T | T | CT | +/- |
| rs235756 | BMP2 C282Y | G | AG | +/- |
| rs480575 | CAT A12175G | G | GG | +/+ |
| rs11032703 | CAT C14185T | T | CC | -/- |
| rs2300181 | CAT C21068T | T | CC | -/- |
| rs1049982 | CAT T5070C | C | TT | -/- |
| rs737866 | COMT/TXNRD2 A4251G | C | TT | -/- |
| rs2020917 | COMT/TXNRD2 C4622T | T | CC | -/- |
| rs737865 | COMT/TXNRD2 T4239C | G | AA | -/- |
| rs3741775 | DAO A14747C | C | CC | +/+ |
| rs3918347 | DAO A24464G | G | AG | +/- |
| rs2070586 | DAO G8864A | A | GG | -/- |
| rs1643649 | DHFR A16352G | C | TT | -/- |
| rs1643659 | DHFR A20965G | C | TT | -/- |
| rs1677693 | DHFR C19483A | T | GG | -/- |
| rs1650697 | DHFR/MSH T-473A | A | AG | +/- |

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| Liver Detox - Phase II (Figure 1) | | | | |
|-----------------------------------|----------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs823162 | DISC1 C14853T | C | TT | -/- |
| rs3738401 | DISC1 R264Q | A | GG | -/- |
| rs479405 | DMGDH G67591T | C | CC | +/+ |
| rs532964 | DMGDH T835C | A | AG | +/- |
| rs1018381 | DTNBP1 C11202T | A | GG | -/- |
| rs2619522 | DTNBP1 T14623G | C | AC | +/- |
| rs2071010 | FOLR1 G-20A | A | GG | -/- |
| rs651933 | FOLR2 G-1316A | A | AG | +/- |
| rs7925545 | FOLR3 A3771G | G | AA | -/- |
| rs492602 | FUT2 A12190G | G | AA | -/- |
| rs1047781 | FUT2 A12404T | T | AA | -/- |
| rs281377 | FUT2 C12376T | T | TT | +/+ |
| rs601338 | FUT2 G12447A | A | GG | -/- |
| rs602662 | FUT2 G12758A | A | GG | -/- |
| rs1050757 | G6PD A*357G | T | C | - |
| rs2230037 | G6PD C1311T | A | G | - |
| rs1050829 | G6PD G6PD-A(+) | C | T | - |
| rs1050828 | G6PD G6PD-A(-) | T | C | - |
| rs5030868 | G6PD G6PD-Mediterran | A | G | - |
| rs72554664 | G6PD R493H | T | C | - |
| rs2241165 | GAD1 C10180T | C | CT | +/- |
| rs3828275 | GAD1 C14541T | T | CC | -/- |
| rs12185692 | GAD1 C2627A | A | CC | -/- |
| rs701492 | GAD1 C34281T | T | CT | +/- |
| rs769407 | GAD1 G25509C | C | CG | +/- |
| rs3791850 | GAD1 G39901A | A | AG | +/- |
| rs3791878 | GAD1 G3992T | T | GT | +/- |
| rs3749034 | GAD1 G5276A | A | AG | +/- |
| rs2058725 | GAD1 T21922C | C | CT | +/- |
| rs3791851 | GAD1 T30473C | C | CT | +/- |
| rs17851582 | GAMT C9110T | A | AG | +/- |
| rs55776826 | GAMT G7497A | T | CT | +/- |
| rs4817579 | GART A9979G | T | CC | -/- |
| rs3780127 | GGH C15472T | A | GG | -/- |
| rs1031552 | GGH C23421T | A | GG | -/- |
| rs3780126 | GGH C6699T | A | AG | +/- |
| rs4617146 | GGH G13894A | T | CC | -/- |
| rs11786893 | GGH G174A | T | CC | -/- |
| rs11545077 | GGH G91A | T | CC | -/- |
| rs6519519 | GGT1 C17146T | T | TT | +/+ |
| rs5751901 | GGT1 T17549C | T | CC | -/- |
| rs2551715 | GSR A43851G | C | CT | +/- |
| rs2273684 | GSS A18836C | T | TT | +/+ |
| rs6088659 | GSS A5997G | T | CC | -/- |

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| Liver Detox - Phase II (Figure 1) | | | | |
|-----------------------------------|-------------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs28936396 | GSS C373T | A | GG | -/- |
| rs6060124 | GSS G11705T | A | CC | -/- |
| rs1056806 | GSTM1 7730C>T | T | CC | -/- |
| rs7483 | GSTM3 V224I | T | CC | -/- |
| rs1138272 | GSTP1 A114V | T | CC | -/- |
| rs1695 | GSTP1 I105V | G | AA | -/- |
| rs2073440 | HDC A1932C | G | TT | -/- |
| rs854158 | HDC T10086C | G | GG | +/+ |
| rs16963486 | HDC T1657C | G | AA | -/- |
| rs2794719 | HFE 6382T>G | G | GG | +/+ |
| rs2071303 | HFE 8828T>C | C | CT | +/- |
| rs1800562 | HFE C282Y | A | GG | -/- |
| rs1799945 | HFE H63D | G | CG | +/- |
| rs1378321 | HNMT A47507G | G | AG | +/- |
| rs1050891 | HNMT T939C | G | AG | +/- |
| rs901865 | HRH1 T-17C | T | CC | -/- |
| rs11662595 | HRH4 A617G | G | AA | -/- |
| rs11665084 | HRH4 C413T | T | CC | -/- |
| rs4800573 | HRH4 G*2144A | A | GG | -/- |
| rs16940765 | HRH4 T3537649C | C | TT | -/- |
| rs7997012 | HTR2A T64185C | G | AG | +/- |
| rs35099072 | IDO1 G344A | A | GG | -/- |
| rs2993763 | MAT1A C1131T | A | AG | +/- |
| rs4934028 | MAT1A C15656T | A | AG | +/- |
| rs1985908 | MAT1A T*1297C | G | AA | -/- |
| rs4869089 | MAT2B A7755681G | G | AG | +/- |
| rs7134594 | MMAB G16110A | C | CT | +/- |
| rs12314392 | MMAB/MVK A-818G | A | AG | +/- |
| rs2071409 | MPO A15067C | G | TT | -/- |
| rs28730837 | MPO C7900T | A | GG | -/- |
| rs1076991 | MTHFD1 C105T | C | TT | -/- |
| rs2236225 | MTHFD1 R635Q | A | AG | +/- |
| rs803422 | MTHFD1L A33780G | A | AG | +/- |
| rs11754661 | MTHFD1L G25264A | A | GG | -/- |
| rs6922269 | MTHFD1L G71171A | A | GG | -/- |
| rs17349743 | MTHFD1L T31397C | C | TT | -/- |
| rs1667627 | MTHFD2 C8503T | C | CC | +/+ |
| rs6495446 | MTHFS - ST20 MTHFS G39646A | C | CC | +/+ |
| rs2733103 | MTHFS - ST20 MTHFS G56057A | T | CC | -/- |
| rs4986782 | NAT1 R187Q | A | GG | -/- |
| rs1041983 | NAT2 C282T | T | CC | -/- |
| rs1799929 | NAT2 C481T | T | TT | +/+ |

| Liver Detox - Phase II (Figure 1) | | | | |
|-----------------------------------|----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1801279 | NAT2 G191A | A | GG | -/- |
| rs1799931 | NAT2 G286E | A | GG | -/- |
| rs1801280 | NAT2 I114T | C | CT | +/- |
| rs1208 | NAT2 K268R | A | AG | +/- |
| rs1799930 | NAT2 R197Q | A | GG | -/- |
| rs1805158 | NAT2 R64W | T | CC | -/- |
| rs10517 | NQO1 C494+ | A | AG | +/- |
| rs1800566 | NQO1 C609T | A | GG | -/- |
| rs689452 | NQO1 G13070C | C | CG | +/- |
| rs689453 | NQO1 G13161A | T | CC | -/- |
| rs34755915 | NQO1 G13528A | T | CC | -/- |
| rs2917669 | NQO1 T6314C | A | AG | +/- |
| rs1437135 | NQO1 T7706C | G | AA | -/- |
| rs6994992 | NRG1 C3314T | T | CC | -/- |
| rs4564560 | SLC6A2 A40223G | G | AG | +/- |
| rs5568 | SLC6A2 A45583C | C | AA | -/- |
| rs3785143 | SLC6A2 C10565T | T | CC | -/- |
| rs36020 | SLC6A2 C28547T | T | CC | -/- |
| rs10521329 | SLC6A2 C35917A | A | CC | -/- |
| rs11568324 | SLC6A2 C41517T | T | CC | -/- |
| rs3785157 | SLC6A2 C45295T | T | CT | +/- |
| rs36009 | SLC6A2 C48079T | T | CT | +/- |
| rs2242447 | SLC6A2 C51371T | C | CT | +/- |
| rs2242446 | SLC6A2 C5884T | C | TT | -/- |
| rs1532701 | SLC6A2 G13486A | G | AA | -/- |
| rs40147 | SLC6A2 G32299A | A | GG | -/- |
| rs1566652 | SLC6A2 G47034T | T | GG | -/- |
| rs3785152 | SLC6A2 T32009C | T | CT | +/- |
| rs5558 | SLC6A2 T49018G | G | TT | -/- |
| rs6347 | SLC6A3 A39132G | C | TT | -/- |
| rs2617605 | SLC6A3 A8023G | C | CT | +/- |
| rs460000 | SLC6A3 C17719T | T | GG | -/- |
| rs11564771 | SLC6A3 C51747T | A | GG | -/- |
| rs6350 | SLC6A3 C7345T | A | GG | -/- |
| rs27048 | SLC6A3 G37899A | C | CT | +/- |
| rs6869645 | SLC6A3 G45996T | T | CC | -/- |
| rs11133767 | SLC6A3 G48964A | T | CC | -/- |
| rs40184 | SLC6A3 G55467A | T | CC | -/- |
| rs27072 | SLC6A3 G56022A | C | CC | +/+ |
| rs403636 | SLC6A3 T12190G | A | CC | -/- |
| rs464049 | SLC6A3 T26639C | A | AA | +/+ |
| rs1042098 | SLC6A3 T55729C | G | AA | -/- |
| rs10174540 | SPR 7413A>G | A | GG | -/- |
| rs1042157 | SULT1A1 C*85G | A | GG | -/- |

| Liver Detox - Phase II (Figure 1) | | | | |
|-----------------------------------|----------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1470874 | SULT1C3 A108878711G | A | AG | +/- |
| rs13392744 | SULT1C3 C13545841T | T | CC | -/- |
| rs2219078 | SULT1C3 G535A | A | AG | +/- |
| rs6722745 | SULT1C3 M194T | T | CT | +/- |
| rs296366 | SULT2A1 A20117G | T | CT | +/- |
| rs11083907 | SULT2A1 C90C | A | GG | -/- |
| rs4149452 | SULT2A1 G17136A | T | CC | -/- |
| rs11569679 | SULT2A1 G781A | T | CC | -/- |
| rs2547231 | SULT2A1 G9598T | A | AA | +/+ |
| rs4149449 | SULT2A1 G9696A | T | CT | +/- |
| 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 | -/- |
| rs72551351 | UGT1A1 G354A | G | AA | -/- |
| rs72551341 | UGT1A1 L175G | A | TT | -/- |
| rs4148301 | UGT2A2, UGT2A1 G308R | T | CC | -/- |
| rs1544410 | VDR VDR:BsmI | T | CC | -/- |

| Yeast/Alcohol Metabolism (Figure 2) | | | | |
|-------------------------------------|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs17028834 | ADH1B A14973G | C | TT | -/- |
| rs6413413 | ADH1B A178T | A | TT | -/- |
| rs1042026 | ADH1B A19107G | C | TT | -/- |
| rs2066702 | ADH1B A396C | A | GG | -/- |
| rs1353621 | ADH1B A5998G | C | CT | +/- |
| rs1229983 | ADH1B A7571G | C | TT | -/- |
| rs2075633 | ADH1B A8575G | C | TT | -/- |
| rs1041969 | ADH1B C8282A | T | GG | -/- |
| rs2066701 | ADH1B C9160T | A | GG | -/- |
| rs4648328 | ALDH2 C23443T | T | CC | -/- |
| rs4646778 | ALDH2 C36438A | A | CC | -/- |
| rs16941667 | ALDH2 C45068T | T | CC | -/- |
| rs671 | ALDH2 G1369A | A | GG | -/- |
| rs2238151 | ALDH2 T12488C | T | TT | +/+ |
| rs441 | ALDH2 T29504C | G | TT | -/- |
| rs968529 | ALDH2 T35023C | T | CC | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |

| Methylation & Methionine/Homocysteine Pathways (Figure 3) | | | | |
|---|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs819147 | AHCY-01 G14905A | C | TT | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |
| rs6875201 | BHMT A7961G | G | AA | -/- |
| rs3733890 | BHMT R239Q | A | AG | +/- |
| rs567754 | BHMT-02 C13813T | T | CT | +/- |
| rs651852 | BHMT-08 C6457T | T | CT | +/- |
| rs2851391 | CBS A13637G | T | CT | +/- |
| rs1801181 | CBS A360A | A | AG | +/- |
| rs706209 | CBS C*351T | A | AG | +/- |
| rs4920037 | CBS C19150T | A | GG | -/- |
| rs234706 | CBS C699T | A | GG | -/- |
| rs12613 | CBS G*299A | T | CC | -/- |
| rs706208 | CBS T*330C | G | AG | +/- |
| rs1145920 | CTH A11886G | A | AG | +/- |
| rs515064 | CTH A32114G | G | AG | +/- |
| rs663649 | CTH G25229T | T | GT | +/- |
| rs10889869 | CTH G6010A | A | AG | +/- |
| rs1021737 | CTH S4031I | T | GG | -/- |
| rs12723350 | CTH T16147C | C | TT | -/- |
| rs681475 | CTH T8763C | T | CT | +/- |
| rs1643649 | DHFR A16352G | C | TT | -/- |
| rs1643659 | DHFR A20965G | C | TT | -/- |
| rs1677693 | DHFR C19483A | T | GG | -/- |
| rs1650697 | DHFR/MSH T-473A | A | AG | +/- |
| rs479405 | DMGDH G67591T | C | CC | +/+ |
| rs532964 | DMGDH T835C | A | AG | +/- |
| rs2071010 | FOLR1 G-20A | A | GG | -/- |
| rs651933 | FOLR2 G-1316A | A | AG | +/- |
| rs7925545 | FOLR3 A3771G | G | AA | -/- |
| rs17851582 | GAMT C9110T | A | AG | +/- |
| rs55776826 | GAMT G7497A | T | CT | +/- |
| rs2273684 | GSS A18836C | T | TT | +/+ |
| rs6088659 | GSS A5997G | T | CC | -/- |
| rs28936396 | GSS C373T | A | GG | -/- |
| rs6060124 | GSS G11705T | A | CC | -/- |
| rs2993763 | MAT1A C1131T | A | AG | +/- |
| rs4934028 | MAT1A C15656T | A | AG | +/- |
| rs1985908 | MAT1A T*1297C | G | AA | -/- |
| rs4869089 | MAT2B A7755681G | G | AG | +/- |
| rs1076991 | MTHFD1 C105T | C | TT | -/- |
| rs2236225 | MTHFD1 R635Q | A | AG | +/- |
| rs803422 | MTHFD1L A33780G | A | AG | +/- |

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| Methylation & Methionine/Homocysteine Pathways (Figure 3) | | | | |
|---|-------------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs11754661 | MTHFD1L G25264A | A | GG | -/- |
| rs6922269 | MTHFD1L G71171A | A | GG | -/- |
| rs17349743 | MTHFD1L T31397C | C | TT | -/- |
| rs1667627 | MTHFD2 C8503T | C | CC | +/+ |
| rs2066470 | MTHFR 03 P39P | A | GG | -/- |
| rs4846049 | MTHFR A*372C | T | GG | -/- |
| rs1801131 | MTHFR A1298C | G | TT | -/- |
| rs17367504 | MTHFR A1572G | G | AA | -/- |
| rs3737964 | MTHFR A4117C | T | CC | -/- |
| rs13306560 | MTHFR C-137T | T | CC | -/- |
| rs17037390 | MTHFR C10318T | A | GG | -/- |
| rs4846048 | MTHFR C24909T | G | AA | -/- |
| rs1801133 | MTHFR C677T | A | GG | -/- |
| rs2274976 | MTHFR G1793A (R594Q) | T | CC | -/- |
| rs1476413 | MTHFR G18861A | T | CC | -/- |
| rs6495446 | MTHFS - ST20 MTHFS G39646A | C | CC | +/+ |
| rs2733103 | MTHFS - ST20 MTHFS G56057A | T | CC | -/- |
| rs11799670 | MTR A*153G | G | AA | -/- |
| rs1805087 | MTR A2756G | G | AA | -/- |
| rs2789352 | MTR A50417C | A | CC | -/- |
| rs10925250 | MTR A68550G | G | AA | -/- |
| rs10925257 | MTR A92580G | G | AA | -/- |
| rs2275568 | MTR C62048T | T | TT | +/+ |
| rs3820571 | MTR G106853T | G | TT | -/- |
| rs12060264 | MTR G34783A | A | AA | +/+ |
| rs12060570 | MTR G35489C | G | CC | -/- |
| rs3768142 | MTR G74984T | G | TT | -/- |
| rs2275566 | MTR G94982A | G | AA | -/- |
| rs2275565 | MTR G95096T | T | GG | -/- |
| rs10925235 | MTR T9195C | T | CC | -/- |
| rs1802059 | MTRR -11 A664A | A | AG | +/- |
| rs3815743 | MTRR A22893G | G | AA | -/- |
| rs1801394 | MTRR A66G | G | AG | +/- |
| rs10064631 | MTRR C1078G | G | CC | -/- |
| rs3776455 | MTRR C32295T | T | CT | +/- |
| rs1532268 | MTRR C524T | T | CT | +/- |
| rs9332 | MTRR G*541A | A | AG | +/- |
| rs2287779 | MTRR G1155A | A | GG | -/- |
| rs3776467 | MTRR G12099A | G | AG | +/- |
| rs7703033 | MTRR G15734A | A | GG | -/- |
| rs162036 | MTRR K350A | G | AG | +/- |
| rs8659 | MTRR T*662A | A | AT | +/- |

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| Methylation & Methionine/Homocysteine Pathways (Figure 3) | | | | |
|---|---------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs326121 | MTRR T12072C | C | TT | -/- |
| rs162031 | MTRR T16071C | T | CC | -/- |
| rs6458690 | MUT T24234C | G | AG | +/- |
| rs7298903 | NOS1 A57373G | C | TT | -/- |
| rs2293054 | NOS1 T2202C | A | AG | +/- |
| rs2297518 | NOS2 C1823T | A | AG | +/- |
| rs2248814 | NOS2 T32235C | A | GG | -/- |
| rs2274894 | NOS2 T836165G | T | GG | -/- |
| rs1800783 | NOS3 A6251T | T | TT | +/+ |
| rs3918188 | NOS3 C19635T | A | CC | -/- |
| rs1800779 | NOS3 G6797A | A | AA | +/+ |
| rs7946 | PEMT G634A | T | TT | +/+ |
| rs4646406 | PEMT T17020543A | A | AT | +/- |
| rs4244593 | PEMT T17023592G | T | GT | +/- |
| rs1042157 | SULT1A1 C*85G | A | GG | -/- |
| rs1470874 | SULT1C3 A108878711G | A | AG | +/- |
| rs13392744 | SULT1C3 C13545841T | T | CC | -/- |
| rs2219078 | SULT1C3 G535A | A | AG | +/- |
| rs6722745 | SULT1C3 M194T | T | CT | +/- |
| rs296366 | SULT2A1 A20117G | T | CT | +/- |
| rs11083907 | SULT2A1 C90C | A | GG | -/- |
| rs4149452 | SULT2A1 G17136A | T | CC | -/- |
| rs11569679 | SULT2A1 G781A | T | CC | -/- |
| rs2547231 | SULT2A1 G9598T | A | AA | +/+ |
| rs4149449 | SULT2A1 G9696A | T | CT | +/- |
| rs526934 | TCN1 G4939288A | G | AG | +/- |
| rs9606756 | TCN2 A8700G | G | AA | -/- |
| rs1801198 | TCN2 C766G | G | CC | -/- |

| Trans-Sulfuration Pathway (Figure 4) | | | | |
|--------------------------------------|-------------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs2851391 | CBS A13637G | T | CT | +/- |
| rs1801181 | CBS A360A | A | AG | +/- |
| rs706209 | CBS C*351T | A | AG | +/- |
| rs4920037 | CBS C19150T | A | GG | -/- |
| rs234706 | CBS C699T | A | GG | -/- |
| rs12613 | CBS G*299A | T | CC | -/- |
| rs706208 | CBS T*330C | G | AG | +/- |
| rs1145920 | CTH A11886G | A | AG | +/- |
| rs515064 | CTH A32114G | G | AG | +/- |
| rs663649 | CTH G25229T | T | GT | +/- |
| rs10889869 | CTH G6010A | A | AG | +/- |
| rs1021737 | CTH S4031I | T | GG | -/- |
| rs12723350 | CTH T16147C | C | TT | -/- |
| rs681475 | CTH T8763C | T | CT | +/- |
| rs2273684 | GSS A18836C | T | TT | +/+ |
| rs6088659 | GSS A5997G | T | CC | -/- |
| rs28936396 | GSS C373T | A | GG | -/- |
| rs6060124 | GSS G11705T | A | CC | -/- |
| rs6495446 | MTHFS - ST20 MTHFS G39646A | C | CC | +/+ |
| rs2733103 | MTHFS - ST20 MTHFS G56057A | T | CC | -/- |
| rs6458690 | MUT T24234C | G | AG | +/- |
| rs1042157 | SULT1A1 C*85G | A | GG | -/- |
| rs1470874 | SULT1C3 A108878711G | A | AG | +/- |
| rs13392744 | SULT1C3 C13545841T | T | CC | -/- |
| rs2219078 | SULT1C3 G535A | A | AG | +/- |
| rs6722745 | SULT1C3 M194T | T | CT | +/- |
| rs296366 | SULT2A1 A20117G | T | CT | +/- |
| rs11083907 | SULT2A1 C90C | A | GG | -/- |
| rs4149452 | SULT2A1 G17136A | T | CC | -/- |
| rs11569679 | SULT2A1 G781A | T | CC | -/- |
| rs2547231 | SULT2A1 G9598T | A | AA | +/+ |
| rs4149449 | SULT2A1 G9696A | T | CT | +/- |
| rs705703 | SUOX C5444T | T | CC | -/- |

| Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5) | | | | |
|---|-------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs11077820 | AANAT C10236T | T | TT | +/+ |
| rs4648328 | ALDH2 C23443T | T | CC | -/- |
| rs4646778 | ALDH2 C36438A | A | CC | -/- |
| rs16941667 | ALDH2 C45068T | T | CC | -/- |
| rs671 | ALDH2 G1369A | A | GG | -/- |
| rs2238151 | ALDH2 T12488C | T | TT | +/+ |
| rs441 | ALDH2 T29504C | G | TT | -/- |
| rs968529 | ALDH2 T35023C | T | CC | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |
| rs11599164 | ANK3 C666301A | T | GG | -/- |
| rs10994336 | ANK3 G318473A | T | CC | -/- |
| rs9804190 | ANK3 G658454A | T | CC | -/- |
| rs1938526 | ANK3 T197902C | G | AA | -/- |
| rs10761482 | ANK3 T62085337C | C | CC | +/+ |
| rs1800497 | ANKK1 E713K | A | AG | +/- |
| rs11604671 | ANKK1 G318R | A | AG | +/- |
| rs216013 | CACNA1C A2729632G | G | AG | +/- |
| rs2159100 | CACNA1C C271442T | T | CC | -/- |
| rs1006737 | CACNA1C G115699A | A | GG | -/- |
| rs2302729 | CACNA1C T709021C | T | CC | -/- |
| rs769224 | COMT -61 P199P | A | GG | -/- |
| rs2239393 | COMT A 26166G | G | AA | -/- |
| rs6269 | COMT A-1324G | G | AA | -/- |
| rs174675 | COMT A309G | T | CC | -/- |
| rs1544325 | COMT A7406G | A | AA | +/+ |
| rs4646316 | COMT C27870T | G | CC | -/- |
| rs174696 | COMT C28914T | C | CC | +/+ |
| rs174699 | COMT C30196T | C | TT | -/- |
| rs9332377 | COMT C31430T | T | CC | -/- |
| rs165599 | COMT G*522A | G | AG | +/- |
| rs165774 | COMT G28299A | A | AG | +/- |
| rs4633 | COMT H62H | T | TT | +/+ |
| rs5993883 | COMT T13376G | G | TT | -/- |
| rs4646312 | COMT T24075C | C | TT | -/- |
| rs740601 | COMT T26501G | T | TT | +/+ |
| rs4680 | COMT V158M | A | AA | +/+ |
| rs1611115 | DBH | T | CC | -/- |
| rs77905 | DBH A1410G | A | GG | -/- |
| rs1108580 | DBH A486G | A | GG | -/- |
| rs1108581 | DBH A8757G | G | GG | +/+ |
| rs1611123 | DBH C12599T | T | CT | +/- |
| rs1611125 | DBH C12828T | C | TT | -/- |

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| Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5) | | | | |
|---|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs2283123 | DBH C18813T | C | CT | +/- |
| rs5324 | DBH G12174A | A | GG | -/- |
| rs1541332 | DBH G15032A | G | AA | -/- |
| rs4531 | DBH G952T | T | GG | -/- |
| rs2519152 | DBH T13150C | C | CT | +/- |
| rs2519154 | DBH T15791C | C | CT | +/- |
| rs2797853 | DBH T16031C | T | CC | -/- |
| rs2097628 | DBH T2145C | G | GG | +/+ |
| rs2007153 | DBH T7335C | C | TT | -/- |
| rs2519155 | DBH T8114C | C | TT | -/- |
| rs2873804 | DBH T9160C | C | CC | +/+ |
| rs921451 | DDC A14870G | T | CT | +/- |
| rs10499695 | DDC A19551G | C | CT | +/- |
| rs6263 | DDC A415G | C | TT | -/- |
| rs1451371 | DDC A85104G | T | CT | +/- |
| rs1470750 | DDC C166017G | C | CG | +/- |
| rs3735273 | DDC C186233T | C | CC | +/+ |
| rs2242041 | DDC G108706C | G | CC | -/- |
| rs11575542 | DDC G1385A | T | CC | -/- |
| rs1451375 | DDC G15443T | A | AC | +/- |
| rs998850 | DDC G196757C | C | CG | +/- |
| rs3829897 | DDC G219133T | G | GT | +/- |
| rs2167364 | DDC T155196C | C | CT | +/- |
| rs732215 | DDC T94092G | C | AC | +/- |
| rs1643649 | DHFR A16352G | C | TT | -/- |
| rs1643659 | DHFR A20965G | C | TT | -/- |
| rs1677693 | DHFR C19483A | T | GG | -/- |
| rs1650697 | DHFR/MSH T-473A | A | AG | +/- |
| rs686 | DRD1 C7464T | A | AA | +/+ |
| rs5326 | DRD1 G5968A | T | CC | -/- |
| rs4532 | DRD1 G6014A | T | TT | +/+ |
| rs265981 | DRD1 T5262C | G | GG | +/+ |
| rs4936270 | DRD2 A32594G | C | CC | +/+ |
| rs4245146 | DRD2 A33029G | T | CT | +/- |
| rs4648318 | DRD2 A37613G | C | TT | -/- |
| rs1799978 | DRD2 A4651G | C | TT | -/- |
| rs1125394 | DRD2 A53817G | C | CT | +/- |
| rs1079727 | DRD2 A61820G | T | CT | +/- |
| rs2440390 | DRD2 A64124G | T | CC | -/- |
| rs4938019 | DRD2 A9611G | C | TT | -/- |
| rs4648317 | DRD2 C19470T | A | GG | -/- |
| rs4274224 | DRD2 C31550T | G | AG | +/- |
| rs17529477 | DRD2 C33935T | A | AG | +/- |
| rs4648319 | DRD2 C36639T | A | AG | +/- |

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| Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5) | | | | |
|---|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs4620755 | DRD2 C41383T | A | GG | -/- |
| rs2242592 | DRD2 C71572T | G | AA | -/- |
| rs2234689 | DRD2 C72519G | G | CC | -/- |
| rs6277 | DRD2 C957T | G | AG | +/- |
| rs4581480 | DRD2 G26528A | C | TT | -/- |
| rs11214606 | DRD2 G41133A | T | CC | -/- |
| rs4436578 | DRD2 G44237A | C | TT | -/- |
| rs2471857 | DRD2 G52663A | T | CT | +/- |
| rs1079596 | DRD2 G54383A | T | CT | +/- |
| rs1079597 | DRD2 G54716A | T | CT | +/- |
| rs2283265 | DRD2 G65466T | C | AC | +/- |
| rs1076560 | DRD2 G67314T | A | AC | +/- |
| rs7131056 | DRD2 T21228G | A | AC | +/- |
| rs12364283 | DRD2 T4047C | G | AA | -/- |
| rs1076563 | DRD2 T55093G | C | AC | +/- |
| rs2734838 | DRD2 T64501C | G | AG | +/- |
| rs167771 | DRD3 C26625T | G | AA | -/- |
| rs963468 | DRD3 C40013T | A | AG | +/- |
| rs10934256 | DRD3 G17248T | A | CC | -/- |
| rs6280 | DRD3 G25A | T | TT | +/+ |
| rs9824856 | DRD3 G50169T | C | AA | -/- |
| rs1486009 | DRD3 T14368C | G | AA | -/- |
| rs324029 | DRD3 T21277C | A | GG | -/- |
| rs2630351 | DRD3 T27841C | A | GG | -/- |
| rs2630349 | DRD3 T29528C | A | GG | -/- |
| rs3773678 | DRD3 T32822C | A | GG | -/- |
| rs9288993 | DRD3 T43727C | G | AA | -/- |
| rs916457 | DRD4 C4710T | T | CC | -/- |
| rs11246226 | DRD4 C8887A | A | CC | -/- |
| rs3758653 | DRD4 T4095C | C | TT | -/- |
| rs1800443 | DRD4 T581G | G | TT | -/- |
| rs2878169 | GCH1 | T | GG | -/- |
| rs3783642 | GCH1 A14340G | C | CT | +/- |
| rs3783641 | GCH1 A14404T | A | TT | -/- |
| rs12147422 | GCH1 A30528G | C | CT | +/- |
| rs4411417 | GCH1 A53980G | C | TT | -/- |
| rs8017210 | GCH1 C12707T | A | GG | -/- |
| rs7147286 | GCH1 C15878T | A | AG | +/- |
| rs8007267 | GCH1 C36378991T | T | CC | -/- |
| rs7492600 | GCH1 C37668A | T | GT | +/- |
| rs998259 | GCH1 G19512A | T | CT | +/- |
| rs3783637 | GCH1 G26425A | T | CT | +/- |
| rs10483639 | GCH1 G55306457C | C | GG | -/- |
| rs752688 | GCH1 G62974A | T | CC | -/- |

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| Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5) | | | | |
|---|------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs5906883 | MAOA A16535C | A | C | - |
| rs2235186 | MAOA A85020G | A | G | - |
| rs909525 | MAOA C42794T | C | T | - |
| rs5953210 | MAOA G3638A | G | A | - |
| rs6323 | MAOA R297R/G492T/T941G | T | T | + |
| rs1137070 | MAOA T1011C/1460C | C | C | + |
| rs2072743 | MAOA T89113C | C | C | + |
| rs1799836 | MAOB A118723G | C | T | - |
| rs7298903 | NOS1 A57373G | C | TT | -/- |
| rs2293054 | NOS1 T2202C | A | AG | +/- |
| rs2297518 | NOS2 C1823T | A | AG | +/- |
| rs2248814 | NOS2 T32235C | A | GG | -/- |
| rs2274894 | NOS2 T836165G | T | GG | -/- |
| rs1800783 | NOS3 A6251T | T | TT | +/+ |
| rs3918188 | NOS3 C19635T | A | CC | -/- |
| rs1800779 | NOS3 G6797A | A | AA | +/+ |
| i4000474 | PAH A259T | T | CC | -/- |
| rs62507347 | PAH A27743C | C | TT | -/- |
| rs5030853 | PAH A300S | A | CC | -/- |
| rs5030857 | PAH A403V | A | GG | -/- |
| rs3817446 | PAH A55562G | C | TT | -/- |
| rs1522305 | PAH C35625G | G | GG | +/+ |
| rs1718301 | PAH C45188T | A | GG | -/- |
| rs1522296 | PAH C5594T | A | AG | +/- |
| rs2245360 | PAH C81837T | A | GG | -/- |
| i4000478 | PAH E280K | T | CC | -/- |
| i3003403 | PAH E390G | C | TT | -/- |
| i4000475 | PAH F299C | C | AA | -/- |
| i4000470 | PAH F39L | C | GG | -/- |
| rs1801153 | PAH G*187A | T | CT | +/- |
| rs772897 | PAH G1155C | G | CG | +/- |
| i4000467 | PAH G272X | A | CC | -/- |
| rs1042503 | PAH G735A | T | CC | -/- |
| rs5030849 | PAH G782A | T | CC | -/- |
| i4000472 | PAH I65T | G | AA | -/- |
| rs5030855 | PAH IVS10-11G>A | T | CC | -/- |
| rs5030861 | PAH IVS12+1G>A | T | CC | -/- |
| rs5030852 | PAH IVS7+1G>A | T | CC | -/- |
| i4000476 | PAH L348V | C | GG | -/- |
| rs5030841 | PAH L48S | G | AA | -/- |
| i3003401 | PAH P281L | A | GG | -/- |
| i4000473 | PAH R111X | A | GG | -/- |
| i3003397 | PAH R158Q | T | CC | -/- |
| i4000481 | PAH R243Q | T | CC | -/- |

| Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5) | | | | |
|---|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| i3003398 | PAH R243X | A | GG | -/- |
| i3003399 | PAH R252W | A | GG | -/- |
| i3003400 | PAH R261X | A | GG | -/- |
| i3003404 | PAH R408Q | T | CC | -/- |
| rs5030858 | PAH R408W | A | GG | -/- |
| rs28934899 | PAH R413P | G | CC | -/- |
| rs1522307 | PAH T17864C | G | AG | +/- |
| rs11111419 | PAH T31338A | T | AT | +/- |
| rs10778209 | PAH T32409C | A | GG | -/- |
| i4000479 | PAH Y356X | C | GG | -/- |
| i3003405 | PAH Y414C | C | TT | -/- |
| rs7946 | PEMT G634A | T | TT | +/+ |
| rs4646406 | PEMT T17020543A | A | AT | +/- |
| rs4244593 | PEMT T17023592G | T | GT | +/- |
| rs5638 | PNMT A456G | G | AA | -/- |
| rs876493 | PNMT G-184A | A | AA | +/+ |
| rs4564560 | SLC6A2 A40223G | G | AG | +/- |
| rs5568 | SLC6A2 A45583C | C | AA | -/- |
| rs3785143 | SLC6A2 C10565T | T | CC | -/- |
| rs36020 | SLC6A2 C28547T | T | CC | -/- |
| rs10521329 | SLC6A2 C35917A | A | CC | -/- |
| rs11568324 | SLC6A2 C41517T | T | CC | -/- |
| rs3785157 | SLC6A2 C45295T | T | CT | +/- |
| rs36009 | SLC6A2 C48079T | T | CT | +/- |
| rs2242447 | SLC6A2 C51371T | C | CT | +/- |
| rs2242446 | SLC6A2 C5884T | C | TT | -/- |
| rs1532701 | SLC6A2 G13486A | G | AA | -/- |
| rs40147 | SLC6A2 G32299A | A | GG | -/- |
| rs1566652 | SLC6A2 G47034T | T | GG | -/- |
| rs3785152 | SLC6A2 T32009C | T | CT | +/- |
| rs5558 | SLC6A2 T49018G | G | TT | -/- |
| rs6347 | SLC6A3 A39132G | C | TT | -/- |
| rs2617605 | SLC6A3 A8023G | C | CT | +/- |
| rs460000 | SLC6A3 C17719T | T | GG | -/- |
| rs11564771 | SLC6A3 C51747T | A | GG | -/- |
| rs6350 | SLC6A3 C7345T | A | GG | -/- |
| rs27048 | SLC6A3 G37899A | C | CT | +/- |
| rs6869645 | SLC6A3 G45996T | T | CC | -/- |
| rs11133767 | SLC6A3 G48964A | T | CC | -/- |
| rs40184 | SLC6A3 G55467A | T | CC | -/- |
| rs27072 | SLC6A3 G56022A | C | CC | +/+ |
| rs403636 | SLC6A3 T12190G | A | CC | -/- |
| rs464049 | SLC6A3 T26639C | A | AA | +/+ |
| rs1042098 | SLC6A3 T55729C | G | AA | -/- |

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Neurotransmitter Pathway: Serotonin & Dopamine (Figure 5)

| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
|------------|-----------------|-------------|--------------|--------------|
| rs28934581 | TH A733C | G | TT | -/- |
| rs28934580 | TH G1010A/R337H | T | CC | -/- |
| rs2070762 | TH T1090C | C | GG | -/- |
| rs6356 | TH V112M | T | CC | -/- |

| Neurotransmitter Pathway: Glutamate & GABA (Figure 6) | | | | |
|---|--------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs2241165 | GAD1 C10180T | C | CT | +/- |
| rs3828275 | GAD1 C14541T | T | CC | -/- |
| rs12185692 | GAD1 C2627A | A | CC | -/- |
| rs701492 | GAD1 C34281T | T | CT | +/- |
| rs769407 | GAD1 G25509C | C | CG | +/- |
| rs3791850 | GAD1 G39901A | A | AG | +/- |
| rs3791878 | GAD1 G3992T | T | GT | +/- |
| rs3749034 | GAD1 G5276A | A | AG | +/- |
| rs2058725 | GAD1 T21922C | C | CT | +/- |
| rs3791851 | GAD1 T30473C | C | CT | +/- |

| COMT Activity (Figure 7) | | | | |
|--------------------------|-------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs4648328 | ALDH2 C23443T | T | CC | -/- |
| rs4646778 | ALDH2 C36438A | A | CC | -/- |
| rs16941667 | ALDH2 C45068T | T | CC | -/- |
| rs671 | ALDH2 G1369A | A | GG | -/- |
| rs2238151 | ALDH2 T12488C | T | TT | +/+ |
| rs441 | ALDH2 T29504C | G | TT | -/- |
| rs968529 | ALDH2 T35023C | T | CC | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |
| rs11599164 | ANK3 C666301A | T | GG | -/- |
| rs10994336 | ANK3 G318473A | T | CC | -/- |
| rs9804190 | ANK3 G658454A | T | CC | -/- |
| rs1938526 | ANK3 T197902C | G | AA | -/- |
| rs10761482 | ANK3 T62085337C | C | CC | +/+ |
| rs1800497 | ANKK1 E713K | A | AG | +/- |
| rs11604671 | ANKK1 G318R | A | AG | +/- |
| rs216013 | CACNA1C A2729632G | G | AG | +/- |
| rs2159100 | CACNA1C C271442T | T | CC | -/- |
| rs1006737 | CACNA1C G115699A | A | GG | -/- |
| rs2302729 | CACNA1C T709021C | T | CC | -/- |
| rs769224 | COMT -61 P199P | A | GG | -/- |
| rs2239393 | COMT A 26166G | G | AA | -/- |
| rs6269 | COMT A-1324G | G | AA | -/- |
| rs174675 | COMT A309G | T | CC | -/- |
| rs1544325 | COMT A7406G | A | AA | +/+ |
| rs4646316 | COMT C27870T | G | CC | -/- |
| rs174696 | COMT C28914T | C | CC | +/+ |
| rs174699 | COMT C30196T | C | TT | -/- |
| rs9332377 | COMT C31430T | T | CC | -/- |
| rs165599 | COMT G*522A | G | AG | +/- |
| rs165774 | COMT G28299A | A | AG | +/- |
| rs4633 | COMT H62H | T | TT | +/+ |
| rs5993883 | COMT T13376G | G | TT | -/- |
| rs4646312 | COMT T24075C | C | TT | -/- |
| rs740601 | COMT T26501G | T | TT | +/+ |
| rs4680 | COMT V158M | A | AA | +/+ |
| rs1048943 | CYP1A1*2C A4889G | C | TT | -/- |
| rs1799814 | CYP1A1*4 C2453A | T | GG | -/- |
| rs1056836 | CYP1B1 L432V | C | CG | +/- |
| rs1800440 | CYP1B1 N453S | T | CT | +/- |
| rs10012 | CYP1B1 R48G | G | CG | +/- |
| rs1611115 | DBH | T | CC | -/- |
| rs77905 | DBH A1410G | A | GG | -/- |

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| COMT Activity (Figure 7) | | | | |
|--------------------------|--------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1108580 | DBH A486G | A | GG | -/- |
| rs1108581 | DBH A8757G | G | GG | +/+ |
| rs1611123 | DBH C12599T | T | CT | +/- |
| rs1611125 | DBH C12828T | C | TT | -/- |
| rs2283123 | DBH C18813T | C | CT | +/- |
| rs5324 | DBH G12174A | A | GG | -/- |
| rs1541332 | DBH G15032A | G | AA | -/- |
| rs4531 | DBH G952T | T | GG | -/- |
| rs2519152 | DBH T13150C | C | CT | +/- |
| rs2519154 | DBH T15791C | C | CT | +/- |
| rs2797853 | DBH T16031C | T | CC | -/- |
| rs2097628 | DBH T2145C | G | GG | +/+ |
| rs2007153 | DBH T7335C | C | TT | -/- |
| rs2519155 | DBH T8114C | C | TT | -/- |
| rs2873804 | DBH T9160C | C | CC | +/+ |
| rs686 | DRD1 C7464T | A | AA | +/+ |
| rs5326 | DRD1 G5968A | T | CC | -/- |
| rs4532 | DRD1 G6014A | T | TT | +/+ |
| rs265981 | DRD1 T5262C | G | GG | +/+ |
| rs4936270 | DRD2 A32594G | C | CC | +/+ |
| rs4245146 | DRD2 A33029G | T | CT | +/- |
| rs4648318 | DRD2 A37613G | C | TT | -/- |
| rs1799978 | DRD2 A4651G | C | TT | -/- |
| rs1125394 | DRD2 A53817G | C | CT | +/- |
| rs1079727 | DRD2 A61820G | T | CT | +/- |
| rs2440390 | DRD2 A64124G | T | CC | -/- |
| rs4938019 | DRD2 A9611G | C | TT | -/- |
| rs4648317 | DRD2 C19470T | A | GG | -/- |
| rs4274224 | DRD2 C31550T | G | AG | +/- |
| rs17529477 | DRD2 C33935T | A | AG | +/- |
| rs4648319 | DRD2 C36639T | A | AG | +/- |
| rs4620755 | DRD2 C41383T | A | GG | -/- |
| rs2242592 | DRD2 C71572T | G | AA | -/- |
| rs2234689 | DRD2 C72519G | G | CC | -/- |
| rs6277 | DRD2 C957T | G | AG | +/- |
| rs4581480 | DRD2 G26528A | C | TT | -/- |
| rs11214606 | DRD2 G41133A | T | CC | -/- |
| rs4436578 | DRD2 G44237A | C | TT | -/- |
| rs2471857 | DRD2 G52663A | T | CT | +/- |
| rs1079596 | DRD2 G54383A | T | CT | +/- |
| rs1079597 | DRD2 G54716A | T | CT | +/- |
| rs2283265 | DRD2 G65466T | C | AC | +/- |
| rs1076560 | DRD2 G67314T | A | AC | +/- |
| rs7131056 | DRD2 T21228G | A | AC | +/- |

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| COMT Activity (Figure 7) | | | | |
|--------------------------|------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs12364283 | DRD2 T4047C | G | AA | -/- |
| rs1076563 | DRD2 T55093G | C | AC | +/- |
| rs2734838 | DRD2 T64501C | G | AG | +/- |
| rs167771 | DRD3 C26625T | G | AA | -/- |
| rs963468 | DRD3 C40013T | A | AG | +/- |
| rs10934256 | DRD3 G17248T | A | CC | -/- |
| rs6280 | DRD3 G25A | T | TT | +/+ |
| rs9824856 | DRD3 G50169T | C | AA | -/- |
| rs1486009 | DRD3 T14368C | G | AA | -/- |
| rs324029 | DRD3 T21277C | A | GG | -/- |
| rs2630351 | DRD3 T27841C | A | GG | -/- |
| rs2630349 | DRD3 T29528C | A | GG | -/- |
| rs3773678 | DRD3 T32822C | A | GG | -/- |
| rs9288993 | DRD3 T43727C | G | AA | -/- |
| rs916457 | DRD4 C4710T | T | CC | -/- |
| rs11246226 | DRD4 C8887A | A | CC | -/- |
| rs3758653 | DRD4 T4095C | C | TT | -/- |
| rs1800443 | DRD4 T581G | G | TT | -/- |
| rs5906883 | MAOA A16535C | A | C | - |
| rs2235186 | MAOA A85020G | A | G | - |
| rs909525 | MAOA C42794T | C | T | - |
| rs5953210 | MAOA G3638A | G | A | - |
| rs6323 | MAOA R297R/G492T/T941G | T | T | + |
| rs1137070 | MAOA T1011C/1460C | C | C | + |
| rs2072743 | MAOA T89113C | C | C | + |
| rs1799836 | MAOB A118723G | C | T | - |
| i4000474 | PAH A259T | T | CC | -/- |
| rs62507347 | PAH A27743C | C | TT | -/- |
| rs5030853 | PAH A300S | A | CC | -/- |
| rs5030857 | PAH A403V | A | GG | -/- |
| rs3817446 | PAH A55562G | C | TT | -/- |
| rs1522305 | PAH C35625G | G | GG | +/+ |
| rs1718301 | PAH C45188T | A | GG | -/- |
| rs1522296 | PAH C5594T | A | AG | +/- |
| rs2245360 | PAH C81837T | A | GG | -/- |
| i4000478 | PAH E280K | T | CC | -/- |
| i3003403 | PAH E390G | C | TT | -/- |
| i4000475 | PAH F299C | C | AA | -/- |
| i4000470 | PAH F39L | C | GG | -/- |
| rs1801153 | PAH G*187A | T | CT | +/- |
| rs772897 | PAH G1155C | G | CG | +/- |
| i4000467 | PAH G272X | A | CC | -/- |
| rs1042503 | PAH G735A | T | CC | -/- |
| rs5030849 | PAH G782A | T | CC | -/- |

| COMT Activity (Figure 7) | | | | |
|--------------------------|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| i4000472 | PAH I65T | G | AA | -/- |
| rs5030855 | PAH IVS10-11G>A | T | CC | -/- |
| rs5030861 | PAH IVS12+1G>A | T | CC | -/- |
| rs5030852 | PAH IVS7+1G>A | T | CC | -/- |
| i4000476 | PAH L348V | C | GG | -/- |
| rs5030841 | PAH L48S | G | AA | -/- |
| i3003401 | PAH P281L | A | GG | -/- |
| i4000473 | PAH R111X | A | GG | -/- |
| i3003397 | PAH R158Q | T | CC | -/- |
| i4000481 | PAH R243Q | T | CC | -/- |
| i3003398 | PAH R243X | A | GG | -/- |
| i3003399 | PAH R252W | A | GG | -/- |
| i3003400 | PAH R261X | A | GG | -/- |
| i3003404 | PAH R408Q | T | CC | -/- |
| rs5030858 | PAH R408W | A | GG | -/- |
| rs28934899 | PAH R413P | G | CC | -/- |
| rs1522307 | PAH T17864C | G | AG | +/- |
| rs11111419 | PAH T31338A | T | AT | +/- |
| rs10778209 | PAH T32409C | A | GG | -/- |
| i4000479 | PAH Y356X | C | GG | -/- |
| i3003405 | PAH Y414C | C | TT | -/- |
| rs5638 | PNMT A456G | G | AA | -/- |
| rs876493 | PNMT G-184A | A | AA | +/+ |
| rs28934581 | TH A733C | G | TT | -/- |
| rs28934580 | TH G1010A/R337H | T | CC | -/- |
| rs2070762 | TH T1090C | C | GG | -/- |
| rs6356 | TH V112M | T | CC | -/- |

| Mitochondrial Function (Figure 8) | | | | |
|-----------------------------------|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs4648328 | ALDH2 C23443T | T | CC | -/- |
| rs4646778 | ALDH2 C36438A | A | CC | -/- |
| rs16941667 | ALDH2 C45068T | T | CC | -/- |
| rs671 | ALDH2 G1369A | A | GG | -/- |
| rs2238151 | ALDH2 T12488C | T | TT | +/+ |
| rs441 | ALDH2 T29504C | G | TT | -/- |
| rs968529 | ALDH2 T35023C | T | CC | -/- |
| rs72547575 | ALDH3A2 A1157G | G | AA | -/- |
| rs72547566 | ALDH3A2 C13996T | T | CC | -/- |
| rs72547564 | ALDH3A2 G641A | A | GG | -/- |
| rs1244414 | ATP5c1 | T | CC | -/- |
| rs36089250 | ATP5g3 | C | TT | -/- |
| rs8042694 | COX5A | G | AG | +/- |
| rs4626565 | COX6C | C | TT | -/- |
| rs479405 | DMGDH G67591T | C | CC | +/+ |
| rs532964 | DMGDH T835C | A | AG | +/- |
| rs17851582 | GAMT C9110T | A | AG | +/- |
| rs55776826 | GAMT G7497A | T | CT | +/- |
| rs2878169 | GCH1 | T | GG | -/- |
| rs3783642 | GCH1 A14340G | C | CT | +/- |
| rs3783641 | GCH1 A14404T | A | TT | -/- |
| rs12147422 | GCH1 A30528G | C | CT | +/- |
| rs4411417 | GCH1 A53980G | C | TT | -/- |
| rs8017210 | GCH1 C12707T | A | GG | -/- |
| rs7147286 | GCH1 C15878T | A | AG | +/- |
| rs8007267 | GCH1 C36378991T | T | CC | -/- |
| rs7492600 | GCH1 C37668A | T | GT | +/- |
| rs998259 | GCH1 G19512A | T | CT | +/- |
| rs3783637 | GCH1 G26425A | T | CT | +/- |
| rs10483639 | GCH1 G55306457C | C | GG | -/- |
| rs752688 | GCH1 G62974A | T | CC | -/- |
| rs2273684 | GSS A18836C | T | TT | +/+ |
| rs6088659 | GSS A5997G | T | CC | -/- |
| rs28936396 | GSS C373T | A | GG | -/- |
| rs6060124 | GSS G11705T | A | CC | -/- |
| rs2993763 | MAT1A C1131T | A | AG | +/- |
| rs4934028 | MAT1A C15656T | A | AG | +/- |
| rs1985908 | MAT1A T*1297C | G | AA | -/- |
| rs4869089 | MAT2B A7755681G | G | AG | +/- |
| rs1076991 | MTHFD1 C105T | C | TT | -/- |
| rs2236225 | MTHFD1 R635Q | A | AG | +/- |
| rs803422 | MTHFD1L A33780G | A | AG | +/- |
| rs11754661 | MTHFD1L G25264A | A | GG | -/- |
| rs6922269 | MTHFD1L G71171A | A | GG | -/- |

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| Mitochondrial Function (Figure 8) | | | | |
|-----------------------------------|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs17349743 | MTHFD1L T31397C | C | TT | -/- |
| rs1667627 | MTHFD2 C8503T | C | CC | +/+ |
| rs1802059 | MTRR -11 A664A | A | AG | +/- |
| rs3815743 | MTRR A22893G | G | AA | -/- |
| rs1801394 | MTRR A66G | G | AG | +/- |
| rs10064631 | MTRR C1078G | G | CC | -/- |
| rs3776455 | MTRR C32295T | T | CT | +/- |
| rs1532268 | MTRR C524T | T | CT | +/- |
| rs9332 | MTRR G*541A | A | AG | +/- |
| rs2287779 | MTRR G1155A | A | GG | -/- |
| rs3776467 | MTRR G12099A | G | AG | +/- |
| rs7703033 | MTRR G15734A | A | GG | -/- |
| rs162036 | MTRR K350A | G | AG | +/- |
| rs8659 | MTRR T*662A | A | AT | +/- |
| rs326121 | MTRR T12072C | C | TT | -/- |
| rs162031 | MTRR T16071C | T | CC | -/- |
| rs6458690 | MUT T24234C | G | AG | +/- |
| rs4147730 | NDUFS3 | A | GG | -/- |
| rs1142530 | NDUFS7 | T | TT | +/+ |
| rs2332496 | NDUFS7 | A | AG | +/- |
| rs7258846 | NDUFS7 | T | TT | +/+ |
| rs809359 | NDUFS7 | G | AA | -/- |
| rs1051806 | NDUFS8 | T | CC | -/- |
| rs2075626 | NDUFS8 | C | CT | +/- |
| rs999571 | NDUFS8 | A | GG | -/- |
| rs7298903 | NOS1 A57373G | C | TT | -/- |
| rs2293054 | NOS1 T2202C | A | AG | +/- |
| rs2297518 | NOS2 C1823T | A | AG | +/- |
| rs2248814 | NOS2 T32235C | A | GG | -/- |
| rs2274894 | NOS2 T836165G | T | GG | -/- |
| rs1800783 | NOS3 A6251T | T | TT | +/+ |
| rs3918188 | NOS3 C19635T | A | CC | -/- |
| rs1800779 | NOS3 G6797A | A | AA | +/+ |
| rs7946 | PEMT G634A | T | TT | +/+ |
| rs4646406 | PEMT T17020543A | A | AT | +/- |
| rs4244593 | PEMT T17023592G | T | GT | +/- |
| rs2758331 | SOD2 406+816G>T | A | AC | +/- |
| rs4880 | SOD2 A16V | G | AG | +/- |
| rs11648723 | UQCRC2 | T | GG | -/- |
| rs4850 | UQCRC2 | A | AG | +/- |

| Pentose Phosphate Pathway | | | | |
|---------------------------|-------------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs6702820 | DDR2 A162603881G | G | AG | +/- |
| rs10917577 | DDR2 A162613975G | A | AG | +/- |
| rs10494373 | DDR2 A162619362C | C | AA | -/- |
| rs10799854 | DDR2 C162619828T | C | TT | -/- |
| rs12044481 | DDR2 G162635875A | A | AG | +/- |
| rs6693632 | DDR2 T162648343C | C | TT | -/- |
| rs7553831 | DDR2 T162661011G | G | GG | +/+ |
| rs4559477 | DDR2 T162681151G | T | GT | +/- |
| rs1643649 | DHFR A16352G | C | TT | -/- |
| rs1643659 | DHFR A20965G | C | TT | -/- |
| rs1677693 | DHFR C19483A | T | GG | -/- |
| rs1650697 | DHFR/MSH T-473A | A | AG | +/- |
| rs4129219 | FBP1 T97390288C | C | TT | -/- |
| rs1050757 | G6PD A*357G | T | C | - |
| rs2071429 | G6PD A153760508G | A | G | - |
| rs2230037 | G6PD C1311T | A | G | - |
| rs1050829 | G6PD G6PD-A(+) | C | T | - |
| rs1050828 | G6PD G6PD-A(-) | T | C | - |
| rs5030868 | G6PD G6PD-Mediterran | A | G | - |
| rs2230036 | G6PD Q402Q | T | C | - |
| rs72554664 | G6PD R493H | T | C | - |
| rs2071931 | H6PD C9329289T | T | CC | -/- |
| rs2268169 | H6PD G9321241A | A | GG | -/- |
| rs6688832 | H6PD G9323910A | A | GG | -/- |
| rs1076991 | MTHFD1 C105T | C | TT | -/- |
| rs2236225 | MTHFD1 R635Q | A | AG | +/- |
| rs803422 | MTHFD1L A33780G | A | AG | +/- |
| rs11754661 | MTHFD1L G25264A | A | GG | -/- |
| rs6922269 | MTHFD1L G71171A | A | GG | -/- |
| rs17349743 | MTHFD1L T31397C | C | TT | -/- |
| rs1667627 | MTHFD2 C8503T | C | CC | +/+ |
| rs6495446 | MTHFS - ST20 MTHFS G39646A | C | CC | +/+ |
| rs2733103 | MTHFS - ST20 MTHFS G56057A | T | CC | -/- |
| rs855315 | PGM1 A64069612G | G | AA | -/- |
| rs4643 | PGM1 A64125439C | C | AA | -/- |
| rs2269260 | PGM1 G64085337A | A | AG | +/- |
| rs2269241 | PGM1 T64108771C | C | TT | -/- |
| rs7062536 | PRPS2 G12839152A | G | G | + |
| rs4464229 | RBKS C28038080T | T | CT | +/- |
| rs4666014 | RBKS G28019175A | A | AG | +/- |
| rs11246300 | TALDO1 C749776T | T | CT | +/- |
| rs4687717 | TKT T53282188C | T | TT | +/+ |

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| Pentose Phosphate Pathway | | | | |
|---------------------------|-------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs766420 | TKTL1 C153554404G | G | G | + |

| Cannabinoid Pathway | | | | |
|---------------------|-----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs35070995 | ABP1 A678H | C | AA | -/- |
| rs45558339 | ABP1 M479I | A | GG | -/- |
| rs1049793 | ABP1/DAO H664A | C | CG | +/- |
| rs1049742 | ABP1/DAO S332P | T | CT | +/- |
| rs10156191 | ABP1/DAO T16M | C | CC | +/+ |
| rs806375 | CNR1 A88858521T | T | AA | -/- |
| rs6928813 | CNR1 A88861698G | G | AG | +/- |
| rs806380 | CNR1 A88864653G | G | AG | +/- |
| rs806370 | CNR1 C88856331T | T | CC | -/- |
| rs806378 | CNR1 C88859551T | T | CC | -/- |
| rs9450898 | CNR1 C88864063T | T | CT | +/- |
| rs6454673 | CNR1 G88871049A | G | GG | +/+ |
| rs1049353 | CNR1 T453T | T | CC | -/- |
| rs806368 | CNR1 T88850100C | C | TT | -/- |
| rs12720071 | CNR1 T88851181C | C | TT | -/- |
| rs806369 | CNR1 T88856178C | T | CT | +/- |
| rs806374 | CNR1 T88857320C | T | TT | +/+ |
| rs806377 | CNR1 T88858723C | T | CT | +/- |
| rs6454672 | CNR1 T88861570C | C | TT | -/- |
| rs12205430 | CNR1 T88867925C | C | TT | -/- |
| rs2501431 | CNR2 G155G | A | AG | +/- |
| rs16828926 | CNR2 G24215130A | A | GG | -/- |
| rs2501432 | CNR2 G63A | T | CT | +/- |
| rs9424398 | CNR2 T24221834G | G | GG | +/+ |
| rs3741775 | DAO A14747C | C | CC | +/+ |
| rs3918347 | DAO A24464G | G | AG | +/- |
| rs6539460 | DAO G109284478T | G | GG | +/+ |
| rs2070586 | DAO G8864A | A | GG | -/- |
| rs492602 | FUT2 A12190G | G | AA | -/- |
| rs601338 | FUT2 G12447A | A | GG | -/- |
| rs602662 | FUT2 G12758A | A | GG | -/- |
| rs7967152 | VDR A48244184C | C | AA | -/- |
| rs4328262 | VDR C18167A | G | GG | +/+ |
| rs3782905 | VDR C37648G | C | GG | -/- |
| rs2189480 | VDR C39987A | T | GT | +/- |
| rs3847987 | VDR C48238068A | A | CC | -/- |
| rs757343 | VDR C48239675T | T | CC | -/- |
| rs2107301 | VDR C48245T | A | AG | +/- |
| rs2238136 | VDR C48277713T | T | CC | -/- |
| rs11574027 | VDR C48287373A | A | CC | -/- |
| rs7299460 | VDR C48296268T | T | CT | +/- |
| rs2239184 | VDR C59232T | A | GG | -/- |
| rs739837 | VDR C65594A | G | GG | +/+ |
| rs2228570 | VDR Fok | A | AG | +/- |

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| Cannabinoid Pathway | | | | |
|---------------------|----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs3890733 | VDR G14442A | T | CC | -/- |
| rs12717991 | VDR G44689A | T | CT | +/- |
| rs1540339 | VDR G46489A | T | CT | +/- |
| rs2239185 | VDR G48244559A | A | GG | -/- |
| rs11168267 | VDR G48251542A | A | GG | -/- |
| rs886441 | VDR G48262964A | G | AG | +/- |
| rs10783218 | VDR G48272743A | A | GG | -/- |
| rs2254210 | VDR G48273714A | A | AA | +/+ |
| rs11168287 | VDR G48285414A | G | GG | +/+ |
| rs4334089 | VDR G48286015A | G | AG | +/- |
| rs4237855 | VDR G48287203A | A | AG | +/- |
| rs11574026 | VDR G48288246A | A | GG | -/- |
| rs11168293 | VDR G48293716T | G | GG | +/+ |
| rs4760655 | VDR G48294131A | G | AG | +/- |
| rs7975232 | VDR G64978T | A | CC | -/- |
| rs2229828 | VDR S198S | A | GG | -/- |
| rs2239186 | VDR T34405C | G | AG | +/- |
| rs3819545 | VDR T38809C | G | AG | +/- |
| rs11574115 | VDR T412I | A | GG | -/- |
| rs34189316 | VDR T416T | A | GG | -/- |
| rs2239181 | VDR T47866G | C | AA | -/- |
| rs2239182 | VDR T48255411C | C | TT | -/- |
| rs11168275 | VDR T48272275C | C | CT | +/- |
| rs2248098 | VDR T50459C | G | AA | -/- |
| rs11574129 | VDR T66512C | G | AA | -/- |
| rs4760658 | VDR T7329C | G | AA | -/- |
| rs731236 | VDR TAQ | A | AA | +/+ |
| rs1544410 | VDR VDR:Bsml | T | CC | -/- |

| Alzheimers/Cardio/Lipid | | | | |
|-------------------------|---|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs11609582 | A2M A9242623T | T | AA | -/- |
| rs908832 | ABCA2 T15891C | A | GG | -/- |
| rs3764650 | ABCA7 T1046520G | G | GT | +/- |
| rs3740199 | ADAM12 G63103C | C | CC | +/+ |
| rs13133980 | APBB2 G41002946C | G | CG | +/- |
| rs28931576 | APOE A178G | G | AA | -/- |
| rs7412 | APOE APOE epsilon 2 | T | CC | -/- |
| rs429358 | APOE ApoE epsilon 4 | C | TT | -/- |
| rs769455 | APOE C8002T | T | CC | -/- |
| rs28931578 | APOE G455A | A | GG | -/- |
| rs440446 | APOE IVS1+69 | G | GG | +/+ |
| rs63750847 | APP Ala655Thr | T | CC | -/- |
| rs63750671 | APP Ala674Gly | G | GG | +/+ |
| rs63750066 | APP Ala695Thr | T | CC | -/- |
| rs63750363 | APP Glu647Asp | C | CC | +/+ |
| rs63750399 | APP Ile698Val | C | TT | -/- |
| rs63750643 | APP Thr696Ala | C | TT | -/- |
| rs63750973 | APP Thr696Ile | T | GG | -/- |
| rs63749964 | APP Val586Gly | C | AA | -/- |
| rs63750734 | APP Val697Met | T | CC | -/- |
| rs1803274 | BCHE CHE*539T | T | CC | -/- |
| rs11030104 | BDNF T64089C | A | AA | +/+ |
| rs6265 | BDNF V81M | T | CC | -/- |
| rs1800775 | CETP C4402A | C | AC | +/- |
| rs5882 | CETP I405V | A | AG | +/- |
| rs1880676 | CHAT Asp7Asn | A | AG | +/- |
| rs11136000 | CLU A58V | T | CC | -/- |
| rs6656401 | CR1 A27577G | A | GG | -/- |
| rs17571 | CTSD A58V | A | GG | -/- |
| rs13146272 | CYP4V2 Q259K | C | AA | -/- |
| rs3211719 | F10 113777509 A5397C | G | AG | +/- |
| rs2289252 | F11 C25264T | T | TT | +/+ |
| i3002432 | F2 (Prothrombin 20210A) Prothrombin 20210A | A | GG | -/- |
| rs5896 | F2 C494T | T | CC | -/- |
| rs3917643 | F3 94997288 A10547G | C | TT | -/- |
| rs6025 | F5 Factor V Leiden FVL | T | CC | -/- |
| rs6046 | F7 A353G Arg329Gln | A | GG | -/- |
| rs2373115 | GAB2 G42719T | A | CC | -/- |
| rs1613662 | GP6 Pro219Ser | G | AA | -/- |
| rs1800562 | HFE C282Y | A | GG | -/- |
| rs1799945 | HFE H63D | G | CG | +/- |
| i3002468 | HFE S65C | T | AA | -/- |
| rs9898 | HRG Pro204Ser | T | CC | -/- |

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| Alzheimers/Cardio/Lipid | | | | |
|-------------------------|-------------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs6583817 | IDE G91606A | T | CC | -/- |
| rs2069837 | IL6 A6262G | G | AA | -/- |
| rs5918 | ITGB3 P1A2/T196C | C | TT | -/- |
| rs8702 | KLC1 C.*396G | G | CG | +/- |
| rs2731672 | KNG I598T GP IIIa HPA-1 | T | CT | +/- |
| rs688 | LDLR Asn464 | T | CC | -/- |
| rs1012672 | LRP6 Cys1270 | A | GG | -/- |
| rs2160525 | LRP6 T154522C | A | GG | -/- |
| rs2302685 | LRP6 V1062I | T | TT | +/+ |
| rs242557 | MAPT A52950A | A | GG | -/- |
| rs11754661 | MTHFD1L G25264A | A | GG | -/- |
| rs1523127 | NR1I2 C6709A | A | AC | +/- |
| rs12316150 | OLR1 T17500A | T | AT | +/- |
| 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 | -/- |
| rs63751235 | PSEN1 Leu282Val | G | CC | -/- |
| rs63750599 | PSEN1 Leu81Pro | C | TT | -/- |
| rs63751037 | PSEN1 Met135Val | G | AA | -/- |
| rs63751229 | PSEN1 Pro263Ser | T | CC | -/- |
| rs63750577 | PSEN1 Ser166Phe | T | CC | -/- |
| rs3025786 | PSEN1 T66540C | C | TT | -/- |
| rs63751320 | PSEN1 Tyr252Ser | C | AA | -/- |
| rs63750815 | PSEN1 Val85Leu | T | GG | -/- |
| rs63750048 | PSEN2 Ala85Val | T | CC | -/- |
| rs63750110 | PSEN2 Asp438Ala | C | AA | -/- |
| rs61757781 | PSEN2 Met174Val | G | AA | -/- |
| rs63749884 | PSEN2 Met239Ile | A | GG | -/- |
| rs28936379 | PSEN2 Met239Val | G | AA | -/- |
| rs63750197 | PSEN2 Ser130Leu | T | CC | -/- |
| rs63749851 | PSEN2 Thr122Pro | C | AA | -/- |
| rs63750666 | PSEN2 Thr429Met | T | CC | -/- |
| rs6859 | PVRL2 A37642G | A | AG | +/- |
| rs2248663 | RNF219 T79207588C | C | TT | -/- |
| rs2227589 | SERPINC1 G5301A | T | CC | -/- |
| rs1792124 | SORL1 A123560G | A | GG | -/- |
| rs726601 | SORL1 C163447T | T | CC | -/- |

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| Alzheimers/Cardio/Lipid | | | | |
|-------------------------|-------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1784931 | SORL1 C164978A | C | AC | +/- |
| rs7946599 | SORL1 G105680A | A | GG | -/- |
| rs2298814 | SORL1 G106922A | A | GG | -/- |
| rs6589885 | SORL1 G108082A | A | GG | -/- |
| rs3781835 | SORL1 G130294A | A | GG | -/- |
| rs10892759 | SORL1 G146128A | A | AG | +/- |
| rs11218342 | SORL1 T121434428C | C | TT | -/- |
| rs1049296 | TF C34378T | T | CC | -/- |
| rs1937 | TFAM Ser12Thr | C | GG | -/- |
| rs1042580 | THBD A7681G | C | TT | -/- |
| rs4986790 | TLR4 D299G | G | AA | -/- |
| rs2075650 | TOMM40 A45395619G | G | AA | -/- |
| rs157580 | TOMM40 G45395266A | G | AA | -/- |
| rs1800458 | TTR Gly26Ser | A | GG | -/- |
| rs12514426 | WWC1 G179644A | A | GG | -/- |

| IgE | | | | |
|------------|----------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs2569191 | CD14 | C | CT | +/- |
| rs2814778 | DARC | C | TT | -/- |
| rs2251746 | FCER1A | C | CC | +/+ |
| rs1800925 | IL-13 C1112T | T | CC | -/- |
| rs2040704 | RAD50 | G | AA | -/- |
| rs2240032 | RAD50 | T | CC | -/- |
| rs33977706 | SOCS-1 -820G>T | A | CC | -/- |

| IgG | | | | |
|-----------|-------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs1801274 | FCGR2A | A | GG | -/- |
| rs7483 | GSTM3 V224I | T | CC | -/- |

| IgA | | | | |
|-----------|---------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs6677604 | CFH | A | AG | +/- |
| rs9271366 | HLA | G | AG | +/- |
| rs1883414 | HLA-DPB2 / COL11A2P | A | GG | -/- |
| rs9275224 | HLA-DQA2 | A | AG | +/- |
| rs1990760 | IFIH1 (HLA) | C | CT | +/- |
| rs2229765 | IGF1R | A | GG | -/- |
| rs4728142 | IRF5 | A | AG | +/- |
| rs9275596 | MTC03P1 | C | CT | +/- |
| rs9357155 | PSMB8 / TAP1 / TAP2 | A | GG | -/- |
| rs3761847 | TRAF1 | G | AA | -/- |

| 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 | AG | +/- |
| rs2289252 | F11 C25264T | T | TT | +/+ |
| i3002432 | F2 (Prothrombin 20210A) Prothrombin 20210A | A | GG | -/- |
| rs6025 | F5 Factor V Leiden FVL | T | CC | -/- |
| rs6046 | F7 A353G Arg329Gln | A | GG | -/- |
| rs1613662 | GP6 Pro219Ser | G | AA | -/- |
| rs9898 | HRG Pro204Ser | T | CC | -/- |
| rs5918 | ITGB3 P1A2/T196C | C | TT | -/- |
| rs2731672 | KNG I598T GP IIIa HPA-1 | T | CT | +/- |
| rs1523127 | NR1I2 C6709A | A | AC | +/- |
| rs2227589 | SERPINC1 G5301A | T | CC | -/- |

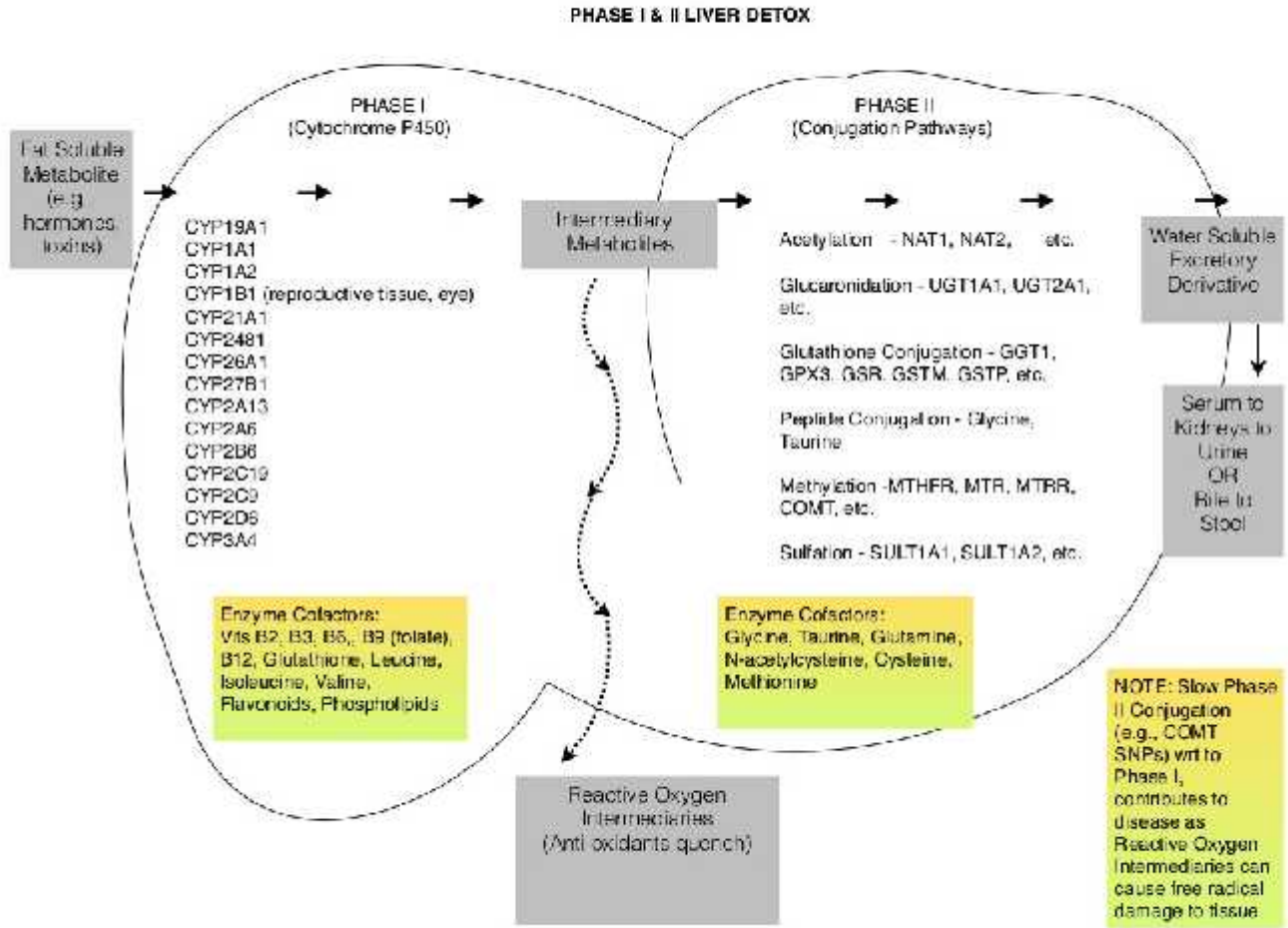
| Celiac Disease/Gluten Intolerance | | | | |
|-----------------------------------|----------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs231775 | CTLA4 | G | AA | -/- |
| rs2858331 | HLA | G | AA | -/- |
| rs2187668 | HLA DQA1 | T | CC | -/- |
| rs9275224 | HLA-DQA2 | A | AG | +/- |

| Thyroid | | | | |
|------------|----------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs231775 | CTLA4 | G | AA | -/- |
| rs10984009 | FOXE1 | A | AG | +/- |
| rs1867277 | FOXE1 | A | AG | +/- |

| Eye Health | | | | |
|------------|-------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs4889294 | BCMO1 | C | CT | +/- |
| rs7501331 | BCMO1 A379V | T | CT | +/- |
| rs12934922 | BCMO1 R267S | T | AT | +/- |

| Other Immune Factors | | | | |
|----------------------|---------------------|-------------|--------------|--------------|
| SNP ID | SNP Name | Risk Allele | Your Alleles | Your Results |
| rs6822844 | 4q27 Region | T | GG | -/- |
| rs429358 | APOE ApoE epsilon 4 | C | TT | -/- |
| rs10210302 | ATG16L1 C234158839T | T | CC | -/- |
| rs479405 | DMGDH G67591T | C | CC | +/+ |
| rs532964 | DMGDH T835C | A | AG | +/- |
| rs17851582 | GAMT C9110T | A | AG | +/- |
| rs55776826 | GAMT G7497A | T | CT | +/- |
| rs7216389 | GSDMB | T | CT | +/- |
| rs660895 | HLA-DRB1 | G | AG | +/- |
| rs20541 | IL-13 | A | GG | -/- |
| rs1801275 | IL4R Q576R | G | AA | -/- |
| rs2069812 | IL5 A131879916G | G | GG | +/+ |
| i4000409 | MeFV A744S | A | CC | -/- |
| rs3743930 | MeFV E148Q | G | CC | -/- |
| i4000403 | MeFV F479L | C | GG | -/- |
| i4000407 | MeFV K695R | C | TT | -/- |
| rs28940580 | MeFV M680I | G | CC | -/- |
| rs28940578 | MeFV M694I | T | CC | -/- |
| i4000406 | MeFV M694V | C | TT | -/- |
| rs11466023 | MeFV P369S | A | GG | -/- |
| i4000410 | MeFV R761H | T | CC | -/- |
| rs10181656 | STAT4 | G | CC | -/- |
| rs361525 | TNF -238 | A | GG | -/- |
| rs1800629 | TNF -308 | A | GG | -/- |
| rs28940879 | TYR (MeFV) V726A | A | GG | -/- |

Figure 1



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Figure 2

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

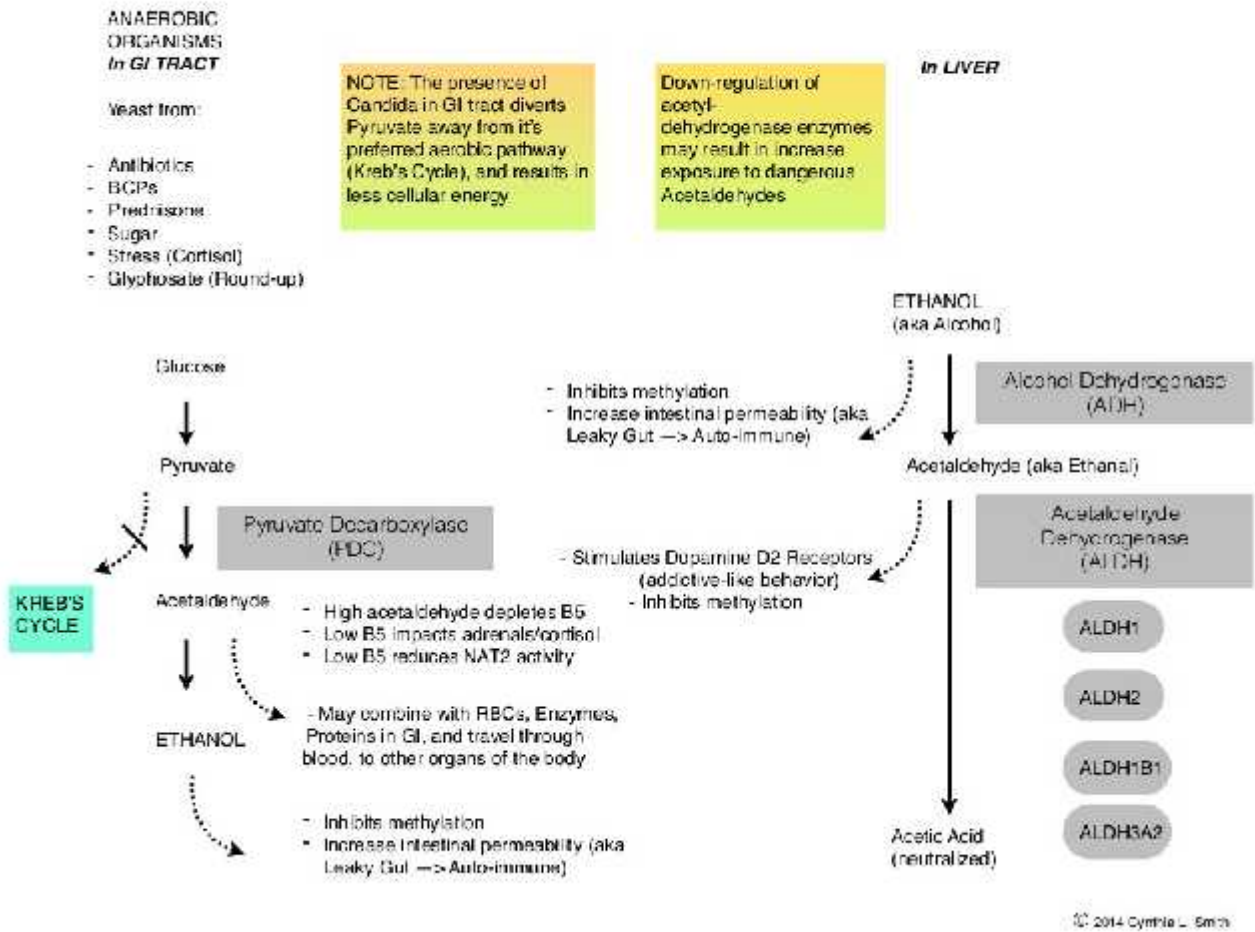


Figure 3

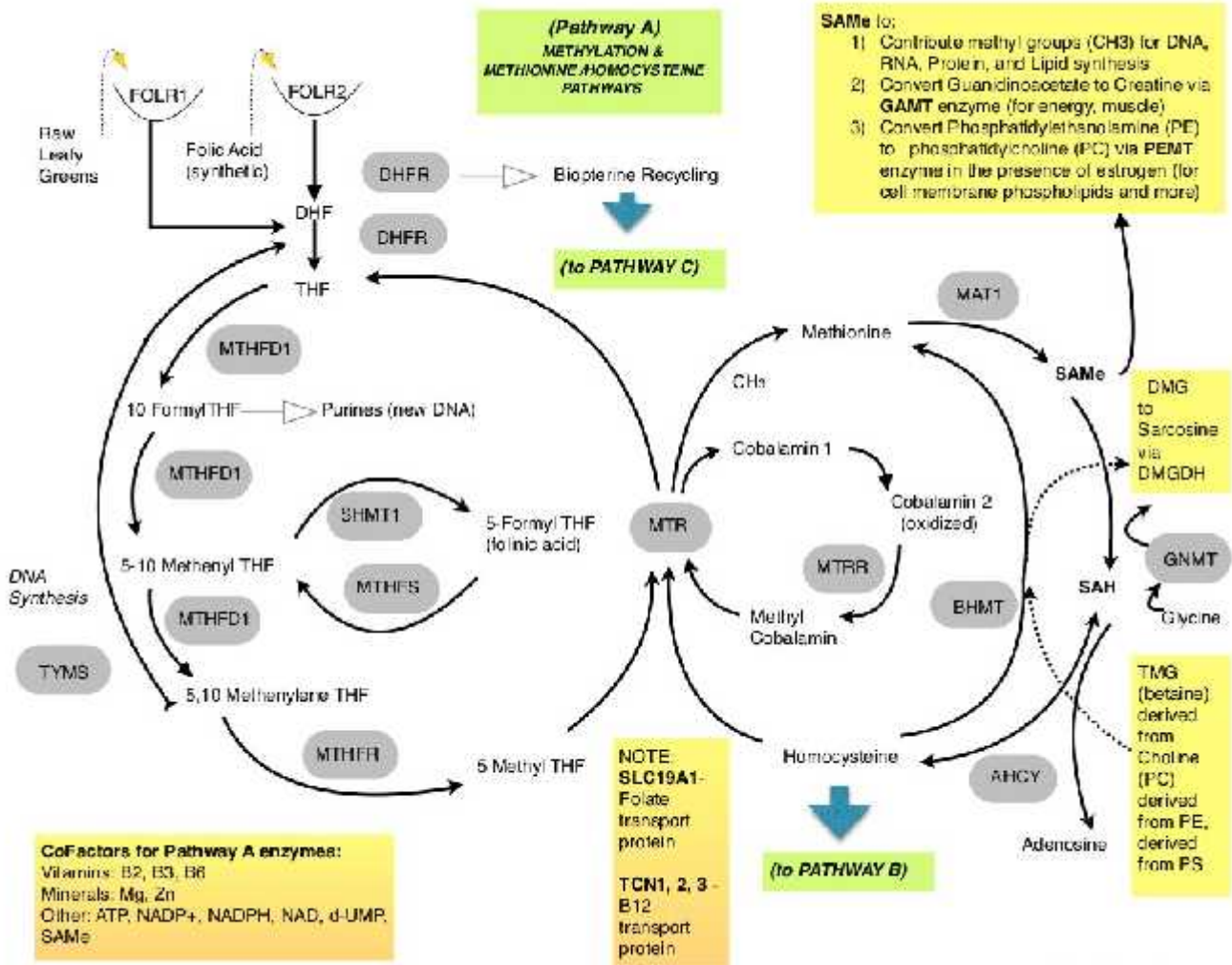
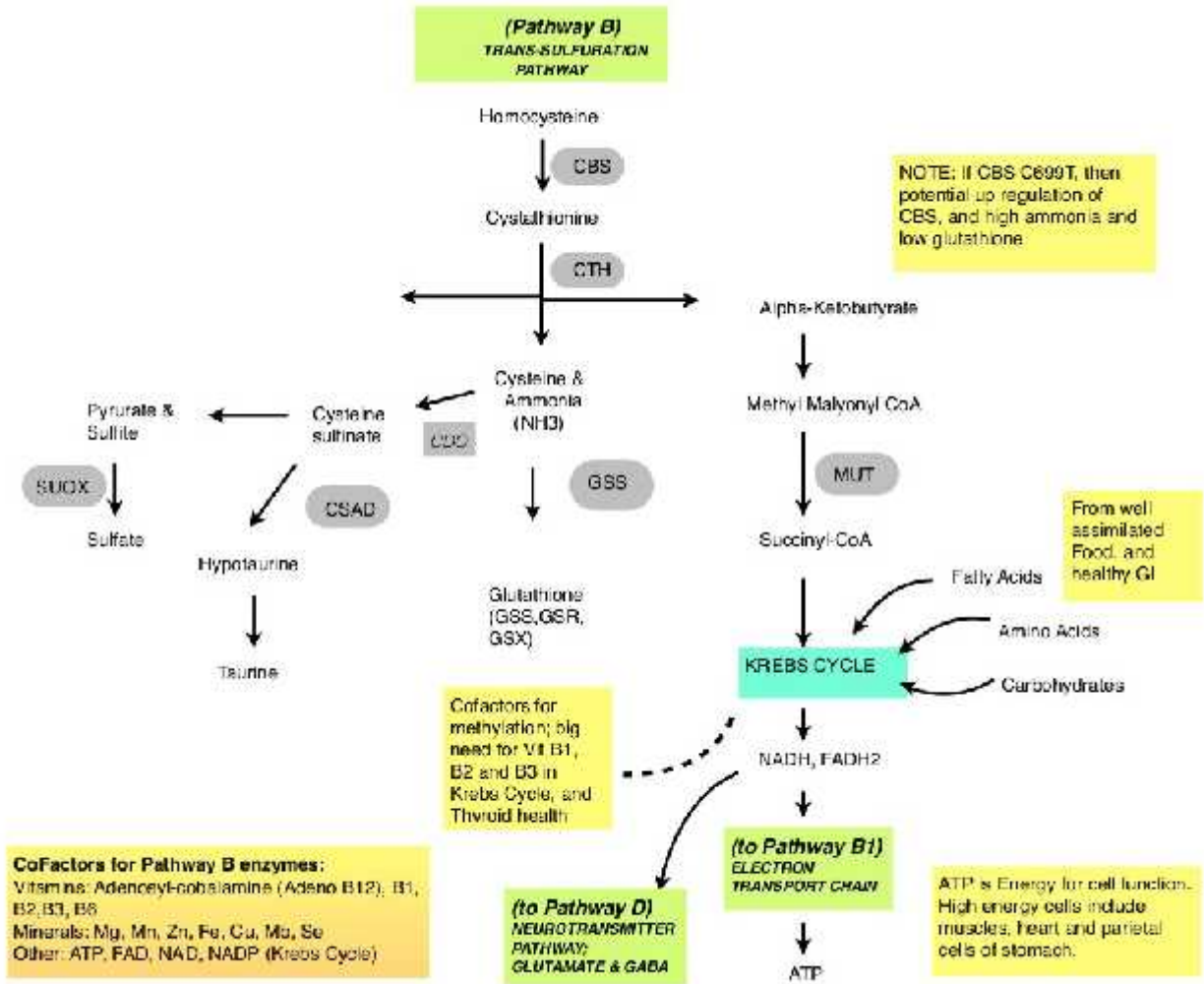
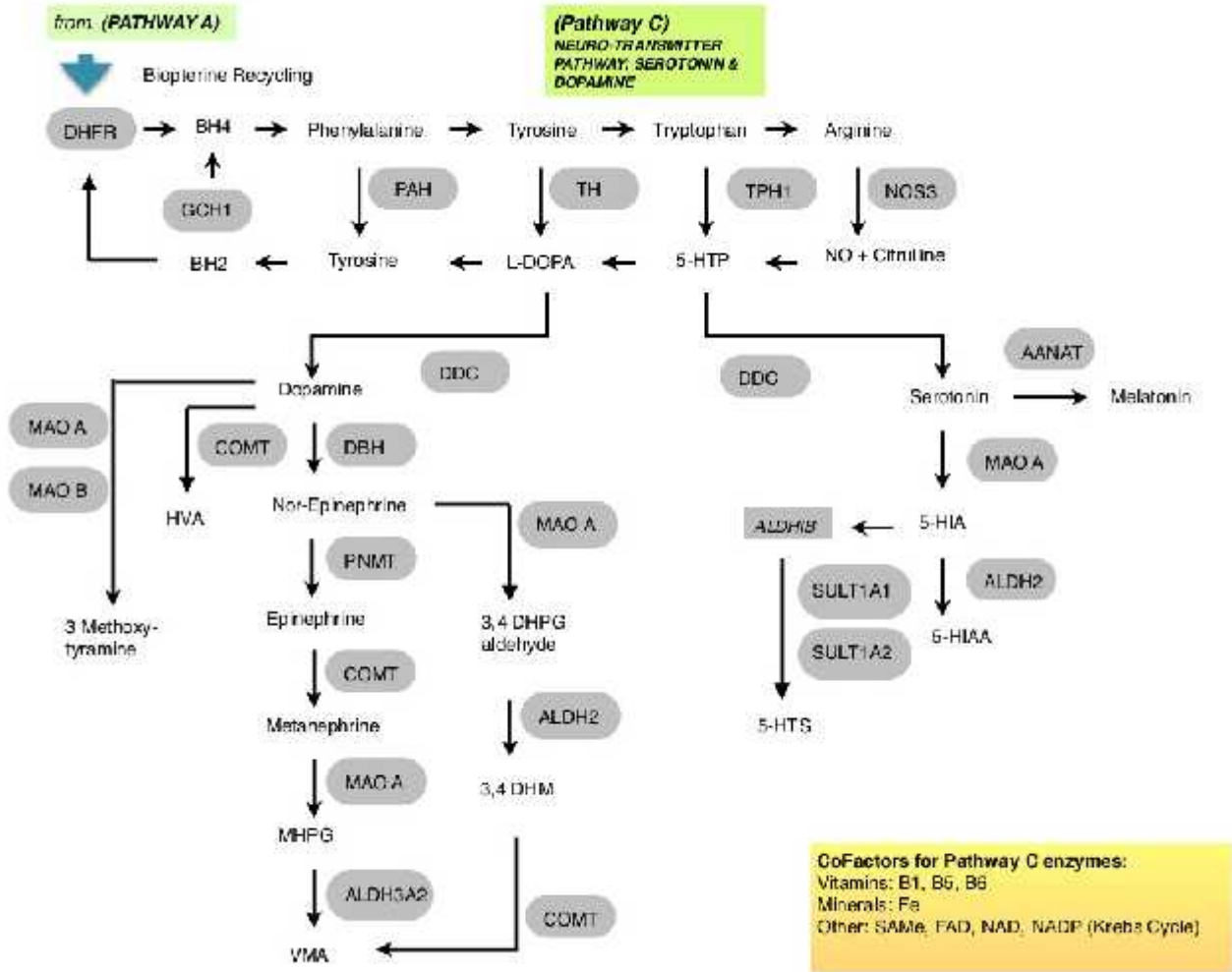


Figure 4



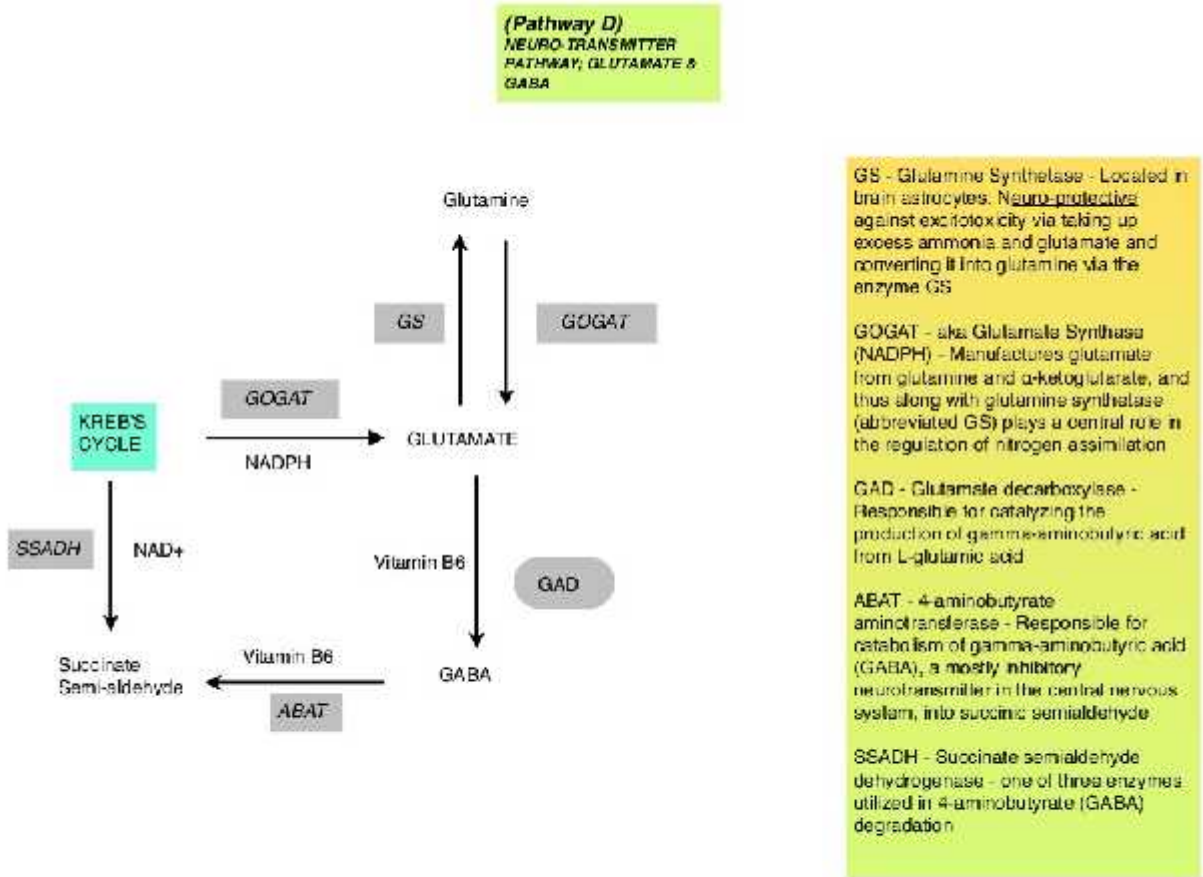
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Figure 5



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Figure 6



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Figure 7

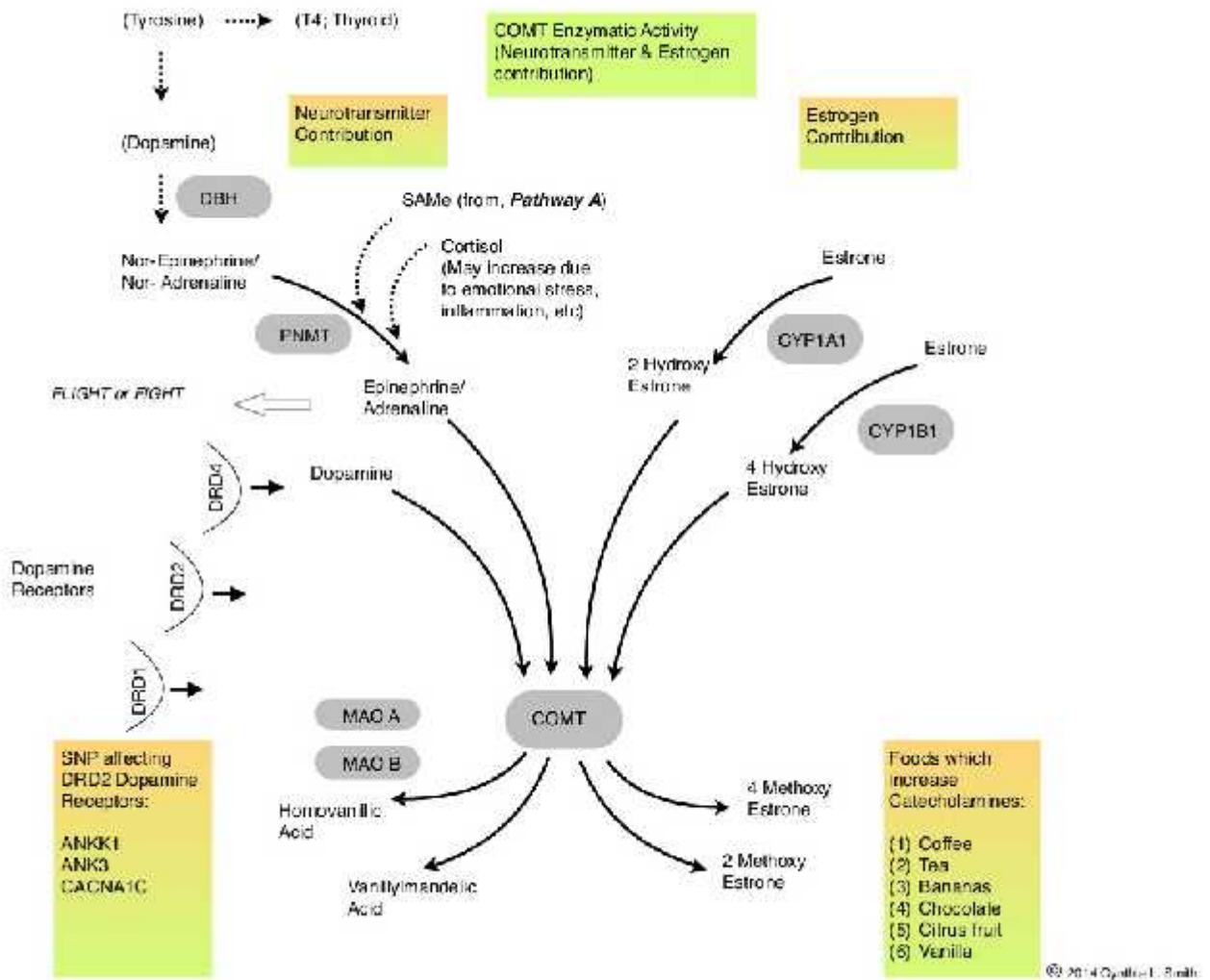
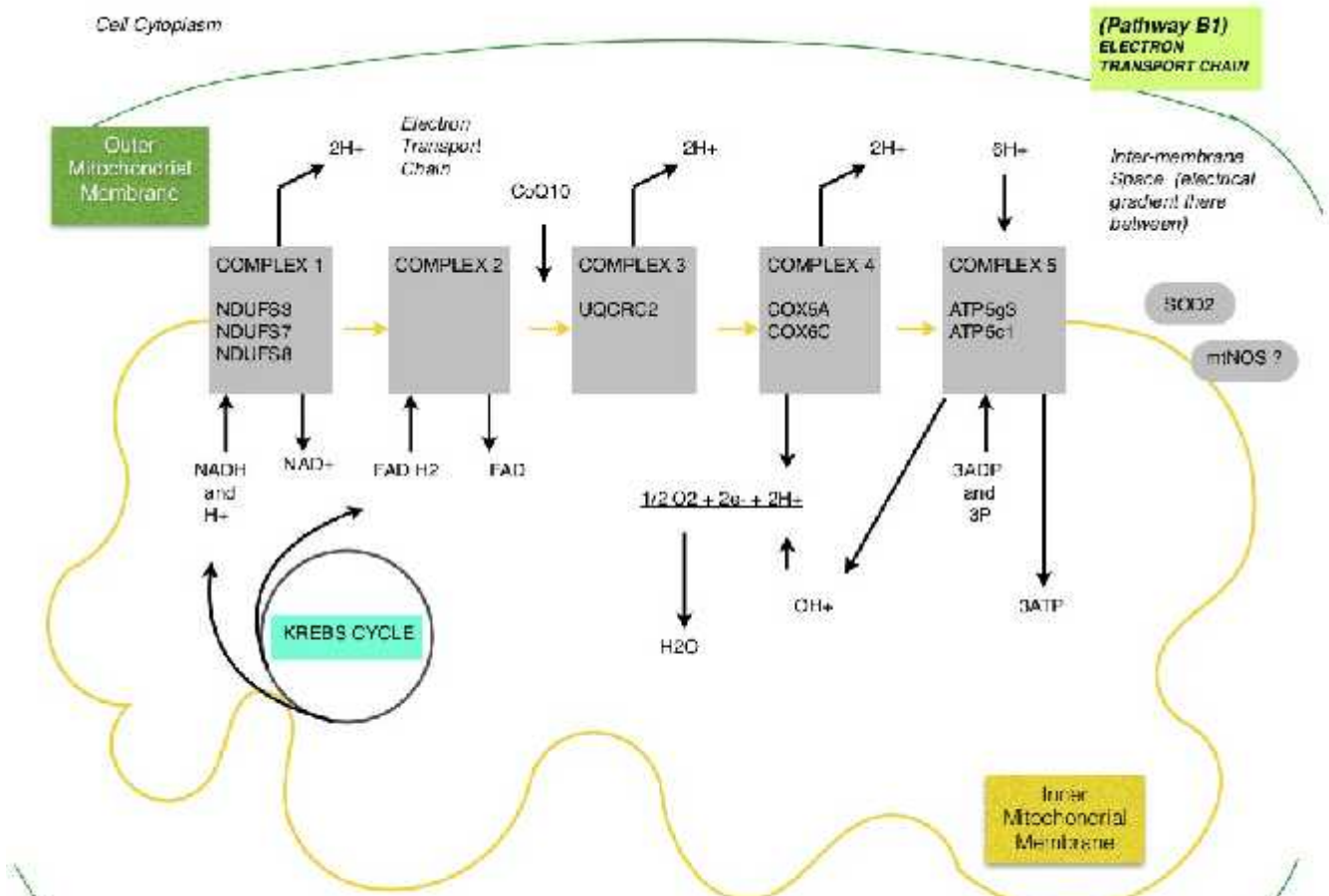


Figure 8



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.

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