| ALLERGY | | | |
|---|---|---|---|
| Gene | rsID | Genotype | Phenotype |
| HLA | rs7775228 | CT | +/- |
| HLA | rs2155219 | TT | -/- |

SNPs here are related to
Allergic rhinitis (Hay Fever), Osteoathritis, Rheumatoid athritis

| CLOTTING FACTORS | | | |
|---|---|---|---|
| Gene | rsID | Genotype | Phenotype |
| CETP | rs1800775 | CC | +/+ |
| CYP4V2 | rs13146272 | AC | +/- |
| F10 | rs3211719 | AA | -/- |
| F11 | rs2036914 | CT | +/- |
| F11 | rs2289252 | CT | +/- |
| F12 | rs1801020 | GG | -/- |
| F3 | rs1324214 | GG | -/- |
| F5 | rs6025 | CC | -/- |
| F7 | rs6046 | GG | -/- |
| F9 | rs6048 | GG | +/+ |
| GP6 | rs1613662 | AA | -/- |
| HRG | rs9898 | CC | -/- |
| ITGB3 | rs5918 | TT | -/- |
| KNGI598T | rs2731672 | CC | -/- |

| CLOTTING FACTORS | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| NR1I2 | rs1523127 | AA | -/- |
| SERPINC1 | rs2227589 | CC | -/- |

SNPs here are related to
Clotting factors, Coronary artery disease, HDL cholesterol, Thromboembolism (Blood Clots), Deep vein thrombosis,
Ischemic stroke, Fetal loss, Autism

| DETOX | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| CTH | rs1021737 | GG | -/- |
| CYP1A1 | rs1799814 | GG | -/- |
| CYP1A1 | rs1048943 | TT | -/- |
| CYP1A1 | rs4986883 | TT | -/- |
| CYP1A2 | rs762551 | CC | +/+ |
| CYP1B1 L432V | rs1056836 | CG | +/- |
| CYP1B1 N453S | rs1800440 | TT | -/- |
| CYP1B1 R48G | rs10012 | GG | +/+ |
| CYP2A6*2 A1799T | rs1801272 | AA | +/+ |
| CYP2C19 | rs12248560 | CC | -/- |
| CYP2C9 | rs1057910 | AA | -/- |
| CYP2C9*2 C430T | rs1799853 | CC | -/- |
| CYP2D6 | rs1135840 | CG | +/- |
| CYP2D6 | rs1065852 | GG | -/- |

| DETOX | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| CYP2D6 T2850C | rs16947 | AG | +/- |
| CYP2E1 | rs55897648 | GG | -/- |
| CYP2E1*1B G9896C | rs2070676 | CC | -/- |
| CYP2E1*4 A4768G | rs6413419 | GG | -/- |
| CYP3A4 | rs2740574 | TT | -/- |
| CYP3A4 | rs12721627 | GG | -/- |
| CYP3A4 | rs4986910 | AA | -/- |
| CYP3A4*2 S222P | rs55785340 | AA | -/- |
| GPX3 | rs8177412 | TT | -/- |
| GSTM1 | rs4147565 | GG | -/- |
| GSTM1 | rs1056806 | CC | -/- |
| GSTM1 | rs4147567 | AA | -/- |
| GSTM1 | rs2239892 | AA | -/- |
| GSTP1 | rs1138272 | CT | +/- |
| GSTP1 | rs1695 | AG | +/- |
| NAT1 | rs4986782 | GG | -/- |
| NAT2 | rs1801279 | GG | -/- |
| NAT2 | rs1208 | AG | +/- |
| NAT2 | rs1799931 | GG | -/- |
| NAT2 | rs1801280 | CT | +/- |

| DETOX | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| NAT2 | rs1799930 | GG | -/- |

SNPs here are related to
Detox, Essential hypertention, Polycysytic ovary syndrome, Rheumatoid athritis, Male infertility Hypertension in pregnancy, Breast cancer risk, Hearing loss

| GLUTEN INTOLERANCE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| HLA | rs2858331 | AG | +/- |
| HLA-DQA1 | rs2187668 | CC | -/- |

SNPs here are related to
Gluten intolerance

| IGA | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| CFH | rs6677604 | GG | -/- |
| HLA | rs9271366 | AA | -/- |
| HLA-DPB2 / COL11A2P | rs1883414 | GG | -/- |
| HLA-DQA2 | rs9275224 | GG | -/- |
| HORMAD2 | rs2412971 | AG | +/- |
| IFIH1 | rs1990760 | TT | +/+ |
| IGF1R | rs2229765 | GG | -/- |
| IRF5 | rs4728142 | AG | +/- |
| MTC03P1 | rs2856717 | GG | -/- |

| IGA | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| MTC03P1 | rs9275596 | TT | -/- |
| PSMB8 | rs9357155 | GG | -/- |
| TRAF1 | rs3761847 | GG | +/+ |

SNPs here are related to
IgA, Lupus, Addison's disease, Ulerative colitis

| IGE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| C3 | rs10402876 | CG | +/- |
| C3 | rs366510 | GT | +/- |
| CD14 | rs2569191 | CC | +/+ |
| DARC | rs2814778 | TT | -/- |
| FCER1A | rs2427824 | CC | -/- |
| FCER1A | rs2427827 | CT | +/- |
| FCER1A | rs2251746 | TT | -/- |
| FCER1A | rs2427837 | GG | -/- |
| FCER1A | rs2494262 | AC | +/- |
| FCER1A / OR10J2P | rs10489854 | CC | -/- |
| IL13 | rs1295685 | GG | -/- |
| IL13 | rs1800925 | CC | -/- |
| IL5 | rs2069812 | GG | +/+ |
| RAD50 | rs2240032 | CC | -/- |

| IGE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| RAD50 | rs2040704 | AA | -/- |
| RAD50 | rs17772565 | CC | -/- |
| RAD50 | rs17772583 | AA | -/- |
| RAD50 | rs6884762 | CC | -/- |
| RAG1 | rs3740955 | AA | +/+ |
| SOCS1 | rs33977706 | AC | +/- |

SNPs here are related to
IgE, Asthma, Obesity, Eczema Atopic dermatitis,

| IGG | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| FCGR2A | rs1801274 | GG | +/+ |
| GSTM3 | rs7483 | CT | +/- |
| Intergenetic | rs2013111 | CT | +/- |
| MUC21 | rs1634731 | AG | +/- |
| TBC1D27 | rs3751987 | GG | -/- |
| TNFRSF13B | rs4792800 | AG | +/- |

SNPs here are related to IgG, Alzheimer's disease

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| ACAT1 | rs3741049 | GG | -/- |

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| ACE Del16 | rs4343 | AG | +/- |
| AGT M235T/C4072T | rs699 | AA | +/+ |
| AHCY-01 | rs819147 | TT | -/- |
| AHCY-02 | rs819134 | AA | -/- |
| AHCY-19 | rs819171 | TT | -/- |
| ATG9B (NOS3 G10T) | rs7830 | GT | +/- |
| BHMT R239Q | rs3733890 | AG | +/- |
| BHMT-02 | rs567754 | CT | +/- |
| BHMT-04 | rs617219 | AC | +/- |
| BHMT-08 | rs651852 | CT | +/- |
| C18orf56 (TYMS) | rs502396 | TT | +/+ |
| CBS A13637G | rs2851391 | CT | +/- |
| CBS A360A | rs1801181 | AG | +/- |
| CBS C19150T | rs4920037 | GG | -/- |
| CBS C699T | rs234706 | GG | -/- |
| CBS N212N | rs2298758 | GG | -/- |
| CLCN6 | rs3737964 | CT | +/- |
| CLCN6 | rs13306560 | CT | +/- |
| CLCN6 | rs13306561 | AG | +/- |
| DAO | rs3741775 | CC | +/+ |

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| DAO | rs2070586 | GG | -/- |
| DAO | rs2111902 | TT | -/- |
| DHFR | rs1643649 | CC | +/+ |
| FOLR1 | rs2071010 | GG | -/- |
| FOLR2 | rs651933 | AG | +/- |
| FOLR3 | rs7925545 | AA | -/- |
| FOLR3 | rs7926875 | CC | -/- |
| FUT2 | rs601338 | AG | +/- |
| FUT2 | rs492602 | AG | +/- |
| FUT2 | rs602662 | AG | +/- |
| G6PD | rs1050829 | TT | -/- |
| G6PD | rs1050828 | CC | -/- |
| GAD1 | rs3791878 | GT | +/- |
| GAD1 | rs3749034 | GG | -/- |
| GAD1 | rs3791851 | TT | -/- |
| GAD1 | rs769407 | GG | -/- |
| GAD1 | rs769395 | AA | -/- |
| GAD1 | rs2058725 | TT | -/- |
| GAD1 | rs2241165 | TT | -/- |
| GAD1 | rs10432420 | AG | +/- |

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| GAD1 | rs12185692 | AC | +/- |
| GAD1 | rs701492 | CC | -/- |
| GAD1 | rs3828275 | CT | +/- |
| GAD1 | rs3791850 | GG | -/- |
| GAD2 | rs1805398 | GG | -/- |
| GAMT | rs55776826 | CC | -/- |
| GAMT | rs17851582 | GG | -/- |
| GIF | rs558660 | AG | +/- |
| MAO A R297R | rs6323 | GG | +/+ |
| MAOB | rs1799836 | TT | -/- |
| MIR4761 (COMT -61 P199P) | rs769224 | AG | +/- |
| MIR4761 (COMT H62H) | rs4633 | CT | +/- |
| MIR4761 (COMT V158M) | rs4680 | AG | +/- |
| MIR4761 (COMT) | rs6269 | AG | +/- |
| MTHFD1 C105T | rs1076991 | TT | +/+ |
| MTHFD1 G1958A | rs2236225 | GG | -/- |
| MTHFD1L | rs17349743 | CC | +/+ |
| MTHFD1L | rs11754661 | GG | -/- |
| MTHFD1L | rs803422 | GG | -/- |
| MTHFD1L | rs6922269 | AG | +/- |

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| MTHFR | rs17037396 | CC | -/- |
| MTHFR | rs12121543 | CC | -/- |
| MTHFR | rs4846049 | TT | +/+ |
| MTHFR | rs17037390 | AG | +/- |
| MTHFR | rs1476413 | CT | +/- |
| MTHFR (LOC100506310) | rs4846048 | AG | +/- |
| MTHFR 03 P39P | rs2066470 | GG | -/- |
| MTHFR A1298C | rs1801131 | GG | +/+ |
| MTHFR A1572G | rs17367504 | AG | +/- |
| MTHFR C677T | rs1801133 | GG | -/- |
| MTHFR G1793A (R594Q) | rs2274976 | CC | -/- |
| MTHFS | rs6495446 | CT | +/- |
| MTR A2756G | rs1805087 | GG | +/+ |
| MTRR A66G | rs1801394 | AG | +/- |
| MTRR H595Y | rs10380 | CC | -/- |
| MTRR K350A | rs162036 | AA | -/- |
| MTRR R415T | rs2287780 | CC | -/- |
| MTRR-11 A664A | rs1802059 | AG | +/- |
| NOS1 | rs3782206 | CC | -/- |
| NOS2 | rs2297518 | AG | +/- |

| METHYLATION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| NOS2 | rs2274894 | GG | -/- |
| NOS2 | rs2248814 | GG | -/- |
| NOS3 | rs1800779 | AA | -/- |
| NOS3 | rs1800783 | TT | -/- |
| NOS3 | rs3918188 | AC | +/- |
| NOS3 T786C | rs2070744 | TT | -/- |
| PEMT | rs4646406 | AT | +/- |
| PEMT | rs4244593 | GT | +/- |
| SHMT1 C1420T | rs1979277 | AG | +/- |
| SLC19A1 | rs1888530 | CT | +/- |
| SLC19A1 | rs3788200 | AG | +/- |
| SOD2 | rs4880 | AG | +/- |
| SOD2 | rs2758331 | AC | +/- |
| SOD3 | rs2855262 | TT | -/- |
| TCN1 | rs526934 | AG | +/- |
| TCN2 C766G | rs1801198 | GG | +/+ |
| VDR Bsm | rs1544410 | CC | -/- |

SNPs here are related to
Methylation, Alzheimer's disease, Cleft lip, High aggression in children, Fibromyalgia, ADHD, Depression, Schizophrenia, Preeclampsia, Bulimia, Spina bifida, Inflammatory Bowel Disease (IBS), Major depression, Schizophrenia, ADHD,
Menstrual Irregularities, Childhood Depression, Glaucoma, Oxidative stress, Autoimmune thyroid diseases (Hashimotos),

Bipolar affective disorder, Dementia, MTHFR

| MITOCHONDRIAL FUNCTION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| ATP5C1 | rs2778475 | GG | -/- |
| ATP5C1 | rs4655 | TT | -/- |
| ATP5C1 | rs12770829 | TT | +/+ |
| ATP5C1 | rs1244422 | CC | -/- |
| ATP5C1 | rs1244414 | CC | -/- |
| ATP5G3 | rs36089250 | TT | -/- |
| ATP5G3 | rs185584 | AA | -/- |
| CCL2 | rs1024611 | AA | -/- |
| COX5A | rs8042694 | GG | +/+ |
| COX6C | rs1135382 | GG | -/- |
| COX6C | rs7844439 | CC | -/- |
| COX6C | rs12544943 | AA | -/- |
| COX6C | rs4510829 | GG | -/- |
| COX6C | rs4626565 | TT | -/- |
| COX6C | rs7828241 | AA | -/- |
| NDUFS3 | rs4147730 | GG | -/- |
| NDUFS3 | rs4147731 | GG | -/- |
| NDUFS3 (KBTBD4) | rs2233354 | TT | -/- |
| NDUFS7 | rs2332496 | AA | +/+ |
| NDUFS7 | rs809359 | AA | -/- |

| MITOCHONDRIAL FUNCTION | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| NDUFS7 | rs11666067 | AA | +/+ |
| NDUFS7 | rs7254913 | AA | -/- |
| NDUFS7 | rs1142530 | TT | +/+ |
| NDUFS7 | rs7258846 | TT | +/+ |
| NDUFS7 | rs2074895 | AA | +/+ |
| NDUFS8 | rs999571 | GG | -/- |
| NDUFS8 | rs1051806 | CC | -/- |
| NDUFS8 | rs4147776 | AA | -/- |
| NDUFS8 | rs1104739 | AC | +/- |
| NDUFS8 | rs1122731 | GG | -/- |
| NDUFS8 | rs2075626 | TT | -/- |
| NDUFS8 | rs3115546 | TT | -/- |
| SLC19A1 | rs1051266 | CT | +/- |
| UQCRC2 | rs4850 | GG | -/- |
| UQCRC2 | rs11648723 | GG | -/- |
| UQCRC2 | rs6497563 | CT | +/- |

SNPs here are related to Mitochondrial function

| OTHER IMMUNE FACTORS | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| 4q27 Region | rs6822844 | GG | -/- |

| OTHER IMMUNE FACTORS | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| ADD1 G460W | rs4961 | GT | +/- |
| APOE | rs429358 | TT | -/- |
| ATG16L1 | rs10210302 | CT | +/- |
| HLA-DRB1 | rs660895 | AG | +/- |
| IL13 | rs20541 | GG | -/- |
| IL4R | rs1801275 | AA | -/- |
| MEFV | rs11466023 | GG | -/- |
| MEFV | rs3743930 | CC | +/+ |
| STAT4 | rs10181656 | CC | -/- |
| TNF | rs1800629 | GG | -/- |
| TNF | rs361525 | GG | -/- |
| TYR | rs28940879 | GG | -/- |

SNPs here are related to None

| SULFOTRANSFERASE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| SULT1A1 | rs4149381 | TT | -/- |
| SULT1A1 | rs1801030 | TT | -/- |
| SULT1A1 | rs7192559 | CC | -/- |
| SULT1A1 | rs1042157 | -- | NC |
| SULT1A1 | rs7193599 | AA | -/- |

| SULFOTRANSFERASE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| SULT1A1 | rs6498090 | GG | -/- |
| SULT1A1 | rs8057055 | CC | -/- |
| SULT1A1 | rs9282862 | TT | -/- |
| SULT2A1 | rs11083907 | GG | -/- |
| SULT2A1 | rs4149449 | CC | -/- |
| SULT2A1 | rs2547231 | AA | -/- |
| SULT2A1 | rs4149448 | AA | -/- |
| SULT2A1 | rs2547242 | TT | -/- |
| SULT2A1 | rs8113396 | AA | -/- |
| SULT2A1 | rs296366 | CC | -/- |
| SULT2A1 | rs2910393 | CC | -/- |
| SULT2A1 | rs296365 | GG | +/+ |
| SULT2A1 | rs4149452 | CT | +/- |
| SULT2A1 | rs11569679 | CC | -/- |

SNPs here are related to Sulfotransferase

| THYROID | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| CTLA4 | rs231775 | AA | -/- |
| FOXE1 | rs1867277 | AG | +/- |
| FOXE1 | rs10984009 | AG | +/- |

| THYROID | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| FOXE1 | rs7043516 | AC | +/- |

SNPs here are related to Thyroid

| TONGUE TIE | | | |
|---|---|---|---|
| **Gene** | **rsID** | **Genotype** | **Phenotype** |
| IRF6 | rs861020 | GG | -/- |
| IRF6 | rs987525 | AA | +/+ |
| RARA | rs9904270 | CC | -/- |
| RARA | rs7217852 | AG | +/- |
| TBX22 | rs41307258 | TT | -/- |

SNPs here are related to Cleft palate, Tongue tie

| Legend | |
|---|---|
| NG, NC or __ | SNP not yet Genotyped, or not yet unlocked (by 23andMe™). |
| -/- | Neither chromosome carries Genetic Variation |
| +/- | Heterozygous.<br>(A chromosome from one parent, caries the variation) |
| +/+ | Homozygous<br>(Both chromosomes carry the variation.) |
| No Call | No data available |