

<b>GENES</b> ⚙	<b>CATEGORY</b> 🏠 / <b>PATHWAY</b> ⚙
ADH1B	Chemoprotection / Alcohol Metabolism
ALDH2	Chemoprotection / Alcohol Metabolism
ALDH3A2	Chemoprotection / Alcohol Metabolism
PXR	Chemoprotection / Bile Flow
SULT2A1	Chemoprotection / Bile Flow
VDR	Chemoprotection / Bile Flow
GCH1	Chemoprotection / Biopterin
GSDMB	Chemoprotection / Cell Danger Response
PPARGC1A	Chemoprotection / Detox
CYP1A1	Chemoprotection / Detox I
CYP1A2	Chemoprotection / Detox I
CYP1B1	Chemoprotection / Detox I
CYP2A6	Chemoprotection / Detox I
CYP2C19	Chemoprotection / Detox I
CYP2C9	Chemoprotection / Detox I
CYP2D6	Chemoprotection / Detox I
CYP2E1	Chemoprotection / Detox I
CYP3A4	Chemoprotection / Detox I
ACAT1	Chemoprotection / Detox II
GSS	Chemoprotection / Detox II
GSTM	Chemoprotection / Detox II
GSTP	Chemoprotection / Detox II
NAT2	Chemoprotection / Detox II
NFE2L2 or NRF2	Chemoprotection / Detox II
UGT1	Chemoprotection / Detox II
PXR	Chemoprotection / Detox II & III

<b>GENES</b> ⚙	<b>CATEGORY</b> 🏠 / <b>PATHWAY</b> ⚡
ABCC1 / MRP1	Chemoprotection / Detox III
ABCC2	Chemoprotection / Detox III
LXR	Chemoprotection / Detox III
ACAT	Chemoprotection / Detox III / Bile Flow
BHMT	Chemoprotection / Detox III / Bile Flow
PEMT	Chemoprotection / Detox III / Bile Flow
IL6R	Chemoprotection / Immune Factor
PEMT	Chemoprotection / Membranes health
APOE	Chemoprotection / Oxidative Stress
CAT	Chemoprotection / Oxidative Stress
COX6C	Chemoprotection / Oxidative Stress
G6PD	Chemoprotection / Oxidative Stress
GPX1	Chemoprotection / Oxidative Stress
GSR	Chemoprotection / Oxidative Stress
MAOB	Chemoprotection / Oxidative Stress
NFE2L2 or NRF2	Chemoprotection / Oxidative Stress
NQO1	Chemoprotection / Oxidative Stress
PON1	Chemoprotection / Oxidative Stress
SOD2	Chemoprotection / Oxidative Stress
SOD	Chemoprotection / Oxidative Stress
IL6	Chemoprotection / Oxidative Stress / Immune Factor
SULT1A1	Chemoprotection / Sulfonation
SULT2A1	Chemoprotection / Sulfonation
CRY2	Diet & Nutrition
TCN1	Diet & Nutrition / B12 transport
TCN2	Diet & Nutrition / B12 transport

<b>GENES</b> ⌘	<b>CATEGORY</b> 🍷 / <b>PATHWAY</b> ⌘
ABCG8	Diet & Nutrition / Cholesterol Status
CETP	Diet & Nutrition / Cholesterol Status
CPT1A	Diet & Nutrition / Cholesterol Status
FADS1	Diet & Nutrition / Cholesterol Status
FADS2	Diet & Nutrition / Cholesterol Status
GALNT2	Diet & Nutrition / Cholesterol Status
HNF4A	Diet & Nutrition / Cholesterol Status
LEPR	Diet & Nutrition / Cholesterol Status
MC4R	Diet & Nutrition / Cholesterol Status
MYRF	Diet & Nutrition / Cholesterol Status
PEMT	Diet & Nutrition / Cholesterol Status
PPARD	Diet & Nutrition / Cholesterol Status
PPARGC1A	Diet & Nutrition / Cholesterol Status
PSRC1	Diet & Nutrition / Cholesterol Status
UCP2	Diet & Nutrition / Cholesterol Status
USF1	Diet & Nutrition / Cholesterol Status
BHMT	Diet & Nutrition / Choline Status
MTHFD1	Diet & Nutrition / Choline Status
MTR	Diet & Nutrition / Choline Status
PNPLA3	Diet & Nutrition / Choline Status
PNPLA3	Diet & Nutrition / Choline Status
HFE	Diet & Nutrition / Iron Status
TF	Diet & Nutrition / Iron Status
TMPRSS6	Diet & Nutrition / Iron Status
ADIPOQ	Diet & Nutrition / Monounsaturated Fat
MYRF	Diet & Nutrition / Omega fatty acids

<b>GENES</b> ⌘	<b>CATEGORY</b> 🍷 / <b>PATHWAY</b> ⚡
FTO	Diet & Nutrition / Response to Carbohydrates
KCTD10	Diet & Nutrition / Response to Carbohydrates
PLIN1	Diet & Nutrition / Response to Carbohydrates
LRP1	Diet & Nutrition / Saturated Fat
STAT3	Diet & Nutrition / Saturated Fat
CCDC152	Diet & Nutrition / Selenium Status
APOA5	Diet & Nutrition / Triglyceride Status
CPT1A	Diet & Nutrition / Triglyceride Status
FADS2	Diet & Nutrition / Triglyceride Status
IGFBP3	Diet & Nutrition / Triglyceride Status
BCMO1	Diet & Nutrition / Vitamin A metabolism
FUT2	Diet & Nutrition / Vitamin B 12 Status
IL6	General Health / Diabetes / Obesity
HLA-DQB1	GI Health / Celiac & Gluten Intolerance
IL2, IL21	GI Health / Celiac & Gluten Intolerance
IL10	GI Health / Crohn's disease
ACAT	GI Health / Dysbiosis
IL6	GI Health / Gastrointestinal Immunology
PEMT	GI Health / Gut Permeability
FUT2	GI Health / H Antigen
IL10	GI Health / H.Pylori
AOC1 / DAO	GI Health / Histamine Intolerance
DAO	GI Health / Histamine Intolerance
HTR2A	GI Health / IBS
IL10	GI Health / IBS
ATG	GI Health / IgA / Crohn's disease

<b>GENES</b> ⚙	<b>CATEGORY</b> 🏥 / <b>PATHWAY</b> ↘
TNFRSF1B	GI Health / Inflammation / IBS
PON1	GI Health / Microbial defence / IBD
ACAT	Health Report / Blood Glucose
ADIPOQ	Health Report / Blood Glucose
ADRA2A	Health Report / Blood Glucose
LXR	Health Report / Blood Glucose
PPARGC1A	Health Report / Blood Glucose
ADD1	Health Report / Clotting Factors
CETP	Health Report / Clotting Factors
CYP4V2	Health Report / Clotting Factors
F10	Health Report / Clotting Factors
F11,F11-AS1	Health Report / Clotting Factors
F12	Health Report / Clotting Factors
F5	Health Report / Clotting Factors
F9	Health Report / Clotting Factors
GP6	Health Report / Clotting Factors
HRG	Health Report / Clotting Factors
ITGB3	Health Report / Clotting Factors
SERPINC1	Health Report / Clotting Factors
BDNF	Health Report / Cognitive
DISC1	Health Report / Cognitive
NRG1	Health Report / Cognitive
SCN2A	Health Report / Cognitive
SNAP25	Health Report / Cognitive
AOC1 / DAO	Health Report / Histamine Metabolism
DAO	Health Report / Histamine Metabolism

<b>GENES</b> ⌘	<b>CATEGORY</b> 🏥 / <b>PATHWAY</b> ⌘
HDC	Health Report / Histamine Metabolism
HRH1	Health Report / Histamine Metabolism
HRH4	Health Report / Histamine Metabolism
MAOB	Health Report / Histamine Metabolism
NAT2	Health Report / Histamine Metabolism
ACE	Health Report / Kidney Health
HLA-DQA2	Health Report / Kidney Health
ADA	Health Report / Longevity
ACE	Health Report / Stress Response
ADRA	Health Report / Stress Response
FKBP5	Health Report / Stress Response
GAD1	Health Report / Stress Response
HTR2A	Health Report / Stress Response
OXTR	Health Report / Stress Response
FOXE1	Health Report / Thyroid Health
APOE	Immune Factors & Inflammation
ATG16L1	Immune Factors & Inflammation
GSDMB	Immune Factors & Inflammation
IL2, IL21	Immune Factors & Inflammation
IRF5	Immune Factors & Inflammation
LXR	Immune Factors & Inflammation
SIRT1	Immune Factors & Inflammation
TLR1	Immune Factors & Inflammation
TLR3	Immune Factors & Inflammation
TNFRSF1B	Immune Factors & Inflammation
TRAF1	Immune Factors & Inflammation

<b>GENES</b> ⌘	<b>CATEGORY</b> 📌 / <b>PATHWAY</b> ⌘
HLA-DQB1	Immune Factors & Inflammation / Allergies
CTLA4	Immune Factors & Inflammation / Autoimmunity
HLA-C	Immune Factors & Inflammation / Autoimmunity
HLA-DQA2	Immune Factors & Inflammation / Autoimmunity
HLA-DRB1	Immune Factors & Inflammation / Autoimmunity
HLA-DRB5/HLA-DRB1/HLA-DRA/HLA-DQB1/ HLA-DQA1	Immune Factors & Inflammation / Autoimmunity
STAT4	Immune Factors & Inflammation / Autoimmunity
CFH	Immune Factors & Inflammation / IgA
HLA-DQB1	Immune Factors & Inflammation / IgA
IFIH1	Immune Factors & Inflammation / IgA
IGF1R	Immune Factors & Inflammation / IgA
PSMB8	Immune Factors & Inflammation / IgA
ACKR1	Immune Factors & Inflammation / IgE
FCER1A	Immune Factors & Inflammation / IgE
HLA-DQB1	Immune Factors & Inflammation / IgE
RAD50	Immune Factors & Inflammation / IgE
SOCS	Immune Factors & Inflammation / IgE
FCGR2A	Immune Factors & Inflammation / IgG
GSTM	Immune Factors & Inflammation / IgG
DMRTA1	Immune Factors & Inflammation / Microbial defence
PON1	Immune Factors & Inflammation / Microbial defence
TLR2	Immune Factors & Inflammation / Microbial defence
TLR4	Immune Factors & Inflammation / Microbial defence
MYD88	Immune Factors & Inflammation / Vaccine Response
TLR2	Immune Factors & Inflammation / Vaccine Response
IL10	Immune Factors and Inflammation

<b>GENES</b> ⚙	<b>CATEGORY</b> 🏥 / <b>PATHWAY</b> ⚡
IL13	Immune Factors and Inflammation
IL1B	Immune Factors and Inflammation
IL4R	Immune Factors and Inflammation
IL5	Immune Factors and Inflammation
IL6	Immune Factors and Inflammation
IL6R	Immune Factors and Inflammation
NRG1	Immune Factors and Inflammation
STAT1	Immune Factors and Inflammation
STAT3	Immune Factors and Inflammation
TNF	Immune Factors and Inflammation
GC	Immune Modulation / Vitamin D & GcMAF
CYP27B1	Immune Modulation / Vitamin D Metabolism
CYP2R1	Immune Modulation / Vitamin D Metabolism
VDR	Immune Modulation / Vitamin D Metabolism
BHMT	Methylation
CBS	Methylation
DHFR	Methylation
DMGDH	Methylation
FOLR	Methylation
GAMT	Methylation
GGH	Methylation
MAT1A	Methylation
MTHFD1	Methylation
MTHFR A1298C	Methylation
MTHFR C677T	Methylation
MTHFS	Methylation



<b>GENES</b> ⌘	<b>CATEGORY</b> 📌 / <b>PATHWAY</b> ⌘
MTR	Methylation
MTRR	Methylation
PEMT	Methylation
SLC19A1	Methylation
NOS	Mitochondrial Function
PPARGC1A	Mitochondrial Function
SOD	Mitochondrial Function
UCP2	Mitochondrial Function
MMAB	Mitochondrial Function / Cobalamin Contribution
NDUFS	Mitochondrial Function / Complex I
ACAT	Mitochondrial Function / Krebs Cycle
CACNA1C	Neurotransmitters
ALDH3A2	Neurotransmitters / Adrenaline Metabolism
ANK3	Neurotransmitters / Biopterin Cycle
DHFR	Neurotransmitters / Biopterin Cycle
GCH1	Neurotransmitters / Biopterin Cycle
NOS	Neurotransmitters / Biopterin Cycle
PAH	Neurotransmitters / Biopterin Cycle
TH	Neurotransmitters / Biopterin Cycle
TPH2	Neurotransmitters / Biopterin Cycle
COMT H62H	Neurotransmitters / Dopamine & Adrenaline Metabolism
COMT V158M	Neurotransmitters / Dopamine & Adrenaline Metabolism
COMT/TXNRD2 A4251G	Neurotransmitters / Dopamine & Adrenaline Metabolism
COMT/TXNRD2 C4622T	Neurotransmitters / Dopamine & Adrenaline Metabolism
DBH	Neurotransmitters / Dopamine Metabolism
DTNBP1	Neurotransmitters / Dopamine Metabolism

<b>GENES</b> ⌘	<b>CATEGORY</b> 🏆 / <b>PATHWAY</b> ⌘
DRD1	Neurotransmitters / Dopamine Receptor
DRD2	Neurotransmitters / Dopamine Receptor
DRD3	Neurotransmitters / Dopamine Receptor
DRD4	Neurotransmitters / Dopamine Receptor
AOC1 / DAO	Neurotransmitters / Dopamine Synthesis
DAO	Neurotransmitters / Dopamine Synthesis
SLC6A3	Neurotransmitters / Dopamine Transport
MAOA	Neurotransmitters / Dopamine, Serotonin, Adrenaline, Noradrenaline Metabolism
MAOB	Neurotransmitters / Dopamine, Serotonin, Adrenaline, Noradrenaline Metabolism
GABRA2	Neurotransmitters / Glutamate → GABA
GABRA6	Neurotransmitters / Glutamate → GABA
GAD1	Neurotransmitters / Glutamate → GABA
NRG1	Neurotransmitters / Glutamate → GABA
ALDH2	Neurotransmitters / Noradrenaline Metabolism
SLC6A2	Neurotransmitters / Noradrenaline Metabolism
DDC	Neurotransmitters / Serotonin & Dopamine Synthesis
AANAT	Neurotransmitters / Serotonin → Melatonin
HTR2A	Neurotransmitters / Serotonin Receptors
CBS	Trans-sulfuration
GSS	Trans-sulfuration