



SNiP tests for the following genes and variants. We are including this data for your information only.

Please contact your healthcare provider if you have questions about SNP results beyond those included in your DNA report(s).

Name	Gene's Broad Function
ACE rs4343	Endurance / Healthy Blood Pressure / Fluid Electrolyte Balance
ACTN3 rs1815739	Muscle Recovery / Endurance
ADRB1 rs1801253	Exercise Endurance / Resting Heart Rate / Stress Hormones Metabolism / Sleep
ADRB3 rs4994	Exercise Endurance / Healthy Body Mass Index / Thermogenesis
AGER-1 rs1800624	Skin Health / Glucose Metabolism / Healthy Immune Response
AGER-2 rs1800625	Skin Health
AGER-3 rs2070600	Skin Health
AGRP rs5030980	Eating Behavior / Satiety Response / Late-Onset Obesity Risk
AHCY rs13043752	Gut Health / Detoxification / Methylation
AHCY G367A rs41301825	Sleep / Detoxification / Methylation / Gut Health
AHCY g-G32878481C Rs7271501	Detoxification / Methylation / Mood / Muscle Health / Healthy Immune Response
AGTR2 rs11091046	Power Athlete / Male Sprinter Speed/ Healthy Inflammatory Response
AMPD1 rs17602729	ATP Production / Muscle Recovery
APOA2 rs5082	Obesity Risk / Satiety Response / Healthy Heart
APOB rs693	Healthy Lipid Support
ATG16L1 rs10210302	Autophagy / Glucose Metabolism / Gut Health
ATG16L1 rs2241880	Autophagy / Glucose Metabolism / Gut Health

Name	Gene's Broad Function
ATP5C1 rs1244414	ATP Production / Muscle Recovery / Mitochondria Function
BCM01-1 rs7501331	Beta Carotene to Retinol Conversion / Eye Health
CAT rs1001179	Skin Antioxidant Capacity / Glucose Metabolism / Healthy Inflammatory Response
COL1A1 rs1800012	Ligament Injury Risk / Collagen Utilization / Bone Health
COL5A1 rs12722	Soft Tissue Health / Muscle Recovery / Collagen Production
COMT G304A rs5031015	Healthy Inflammatory Response / Detoxification / Healthy Immune Response
COMT V158M rs4680	Warrior Gene / Stress Hormones Metabolism / Sex Hormone Metabolism
CRP rs1205	Healthy Inflammatory Response / Healthy Immune Response
CYP11B2 rs1799998	Adrenal Support / Healthy Blood Pressure / Fluid Volume Regulation
CYP1A2 rs762551	Caffeine Metabolism / Detoxification
CYP1B1 rs1800440	Estrogen Metabolism / Bone Health / Eye Health / Detoxification
DRD2/ANKK1 rs1800497	Exercise Tolerance / Mood / Healthy Body Mass Index
EPHX1-1 rs1051740	Detoxification
EPHX1-2 rs2234922	Detoxification
FOXE1 rs1867277	Healthy Thyroid Function
FTO-1 rs9939609	Healthy Weight Management / Fat Mass Regulation / Obesity Risk
FTO-2 rs1121980	Healthy Weight Management / Fat Mass Regulation / Obesity Risk
FTO-3 rs1421085	Healthy Weight Management / Fat Mass Regulation / Obesity Risk / Fat Browning and Thermogenesis / Mitochondrial Thermogenesis

Name	Gene's Broad Function
FTO-4 rs1558902	Healthy Weight Management / Fat Mass Regulation / Obesity Risk / Visceral Fat Storage / Glucose Metabolism
FTO-5 rs3751812	Healthy Weight Management / Fat Mass Regulation / Obesity Risk / Glucose Metabolism / Healthy Brain Function
FTO-6 rs8050136	Healthy Weight Management / Fat Mass Regulation / Obesity Risk / Glucose Metabolism
FTO-7 rs17817449	Healthy Weight Management / Fat Mass Regulation / Obesity Risk / Glucose Metabolism
FUT2 rs602662	GI Health / B12 absorption / Carbohydrate Metabolism
GAD1 rs769407	Sleep Initiation / Pain Responsiveness / Glucose Metabolism
GAD1 rs3828275	Sleep Initiation / Pain Responsiveness / Glucose Metabolism
GDF5 rs143383	Tendon Health / Cartilage Health / Joint Health / Brown Fat Conversion and Storage / Tooth Health
GPX1 rs1050450	Oxidative Stress Support / Detoxification From Mucosal Membranes / Healthy Brain Function Health / Heart Health
GSTP1 rs1695	Oxidative Stress Support / Detoxification From Mucosal Membranes / Estrogen Metabolism
HERC2 rs12913832	Hair, Skin, and Eye Color / Response to UV Radiation (Tanning)
HLA-C rs12191877	Skin Health / Healthy Inflammatory Response
HLA-DQA1 rs2187668	Gluten Metabolism / Healthy Immune Response / Healthy Gut / Healthy Inflammatory Response
HLA-DQA2 rs2858331	Gluten Metabolism / Healthy Immune Response
IL12B rs2082412	Skin Health / Healthy Immune Response
IL6 rs1800795	Healthy Immune Response / Glucose Metabolism
Intergenic-1 rs1015362	Skin Health / Sun Sensitivity
Intergenic-2 rs4911414	Skin Health / Sun Sensitivity

Name	Gene's Broad Function
IRF4 rs12203592	Skin Health / Sun Sensitivity / Freckles / Healthy Immune Response
LEPR-1 rs1045895	Leptin Hormone Metabolism / Glucose Metabolism / Healthy Immune Response
MAOA rs1137070	Mood / Metabolism of Neurotransmitters / Healthy Brain Function
MAOA rs3027407	Mood / Metabolism of Neurotransmitters / Healthy Brain Function
MAOA rs909525	Mood / Metabolism of Neurotransmitters / Healthy Brain Function
MC1R-1 rs1805005	Perceived Facial Age Variation / Hair and Eye Color variability
MC1R-2 rs1805006	Skin Health / Perceived Facial Age Variation
MC1R-3 rs1805007	Skin Health / Perceived Facial Age Variation
MC1R-4 rs1805008	Skin Health / Perceived Facial Age Variation
MC4R rs17782313	Appetite Regulation / Glucose Metabolism / Mood
MCM6 rs4988235	Lactose Metabolism or Sensitivity
MCT1 rs1049434	Endurance / Muscle Recovery
MMP3-2 rs679620	Tendon Health / Heart Health / Healthy Body Mass Index / Healthy Inflammatory Response / Healthy Immune Response
MTHFR rs1801131	Healthy Folate Conversion / Homocysteine / Healthy Inflammatory Response / Mood
MTHFR rs1801133	Healthy Folate Conversion / Homocysteine / Healthy Inflammatory Response / Healthy Heart / Detoxification
MTR A2756G rs180587	Healthy Heart / Homocysteine / Mood / Healthy Inflammatory Response / Oxidation Support
MTR C3518T rs121913578	Healthy Heart / Homocysteine / Mood / Healthy Inflammatory Response / Oxidation Support
MTRR rs1801394	B12 Absorption / Homocysteine / Healthy Heart / Gut Health / Healthy Body Mass Index / Healthy Brain Function

Name	Gene's Broad Function
NMB rs1051168	Satiety Responsiveness / Healthy Body Mass Index
NOS3 rs2070744	Power Performance / Healthy Inflammatory Response / Heart Health
NQO1 rs1800566	CoQ10 Energy / Detoxification / Healthy Heart / Mitochondrial Function
NRF2 rs12594956	Endurance / Energy / Mitochondrial Function
NRF2 rs7181866	Endurance / Glucose Metabolism / Healthy Body Mass Index
NRF2 rs8031031	Endurance/ Glucose Metabolism / Healthy Body Mass Index
PON1 rs662	Lipid Oxidation / Healthy Heart / Healthy Brain Function
PPARA rs4253778	Endurance / Glucose Metabolism / Healthy Heart / Healthy Body Mass Index
PPARD rs2267668	Endurance / Glucose Metabolism / Healthy Body Mass Index/ Energy / Longevity
SH2B1 rs7498665	Leptin Health / Healthy Body Mass Index / Glucose Metabolism / Healthy Inflammatory Response
SLC23A1 rs33972313	Vitamin C Absorption
SLC30A8-1 rs11558471	Muscle Recovery / Glucose Metabolism / Healthy Body Mass Index
SLC30A8-2 rs13266634	Muscle Recovery / Glucose Metabolism / Healthy Body Mass Index
SOD2 rs4880	Free Radical Defense / Detoxification / Healthy Heart / Healthy Brain Function / Eye Health
TNF- α -1 rs1800629	Healthy Inflammatory Response / Healthy Immune Response / Gut Health / Heart Health / Thyroid Health / Sleep / Glucose Metabolism / Healthy Body Mass Index
TNF- α -2 rs361525	Healthy Inflammatory Response / Healthy Immune Response / Healthy Brain Function / Healthy Body Mass Index / Glucose Metabolism
TRHR rs16892496	Muscle Strength / Healthy Body Mass Index
TUB rs2272382	Obesity Risk / Healthy Body Mass Index / Glucose Metabolism

Name	Gene's Broad Function
UCP1 rs6536991	Mitochondria / Healthy Heart / Glucose Metabolism
UCP3 rs1800849	Healthy Weight Management / Obesity Risk / Mitochondria / Glucose Metabolism / Healthy Heart
VDR rs2228570	Vitamin D Receptor / Healthy Heart / Healthy Inflammatory Response / Glucose Metabolism / Healthy Body Mass Index / Immune Response / Mood / Thyroid Health
VEGFA rs2010963	Endurance / Healthy Heart / Eye Health / Healthy Inflammatory Response / Healthy Brain Function