



## myGenome Traits List

myGenome contains insights on more than 50 traits related to athleticism, behavior, cardiovascular, hormones, immune system, longevity, metabolism, nutrition & diet, physical appearance, sensory perception, and substance reaction.

TRAIT NAME	CATEGORY	GENE(S)	RSID
Achilles Tendinopathy	Athleticism	<i>MMP3</i>	rs679620
Exercise Response	Athleticism	<i>PPARD</i>	rs2267668
Ligament Injury Susceptibility	Athleticism	<i>COL1A1</i>	rs1800012
Lumbar Disc Disease Susceptibility	Athleticism	<i>CILP</i>	rs2073711
Muscle Strength	Athleticism	<i>ACVR1B, CNTF</i>	rs2854464, rs1800169
Muscle Volume	Athleticism	<i>IL15RA</i>	rs2228059
Muscular Endurance	Athleticism	<i>ADRB2, PPARA</i>	rs1042713, rs4253778
Muscular Power	Athleticism	<i>ACTN3</i>	rs1815739
Hunger Response Control	Behavior	<i>NMB</i>	rs1051168
Snacking Behavior	Behavior	<i>LEPR</i>	rs2025804
Sugar Intake	Behavior	<i>SLC2A2</i>	rs5400
Sweet Tooth	Behavior	<i>FUT1</i>	rs838133
Blood Pressure	Cardiovascular	<i>AGT</i>	rs699
Baseline Cholesterol	Cardiovascular	<i>PPARD</i>	rs2016520
IGF-1 Levels	Hormones	<i>IGF1</i>	rs35767
Menopause Age	Hormones	<i>MCM8</i>	rs16991615
Testosterone Levels	Hormones	<i>SHBG</i>	rs1799941
IL-6 Levels	Immune System	<i>IL6</i>	rs1800795
Longevity	Longevity	<i>FOXO3</i>	rs2764264
Metabolic Syndrome	Metabolism	<i>APOA5</i>	rs662799
Resting Metabolic Rate	Metabolism	<i>LEPR</i>	rs8179183
Weight Gain	Metabolism	<i>PPARG</i>	rs1801282
Obesity	Metabolism	<i>ADIPOQ, ADRB2, Intergenic (2)</i>	rs17300539, rs1042714, rs7138803, rs12970134
Polyunsaturated Fats	Nutrition and Diet	<i>FADS1</i>	rs174547
Vitamin B12	Nutrition and Diet	<i>FUT2</i>	rs602662



## myGenome Traits List (cont'd)

TRAIT NAME	CATEGORY	GENE(S)	RSID
Vitamin B6	Nutrition and Diet	<i>NBPF3</i>	rs4654748
Vitamin C	Nutrition and Diet	<i>SLC23A1</i>	rs33972313
Vitamin D	Nutrition and Diet	<i>GC</i>	rs2282679
Vitamin E	Nutrition and Diet	<i>Intergenic</i>	rs12272004
Earwax Type	Physical Appearance	<i>ABCC11</i>	rs17822931
Eye Color	Physical Appearance	<i>HERC2, TYR</i>	rs12913832, rs1393350
Finger Length Ratio	Physical Appearance	<i>SMOC1</i>	rs2332175
Freckling	Physical Appearance	<i>MC1R</i>	rs1805007
Hair Color	Physical Appearance	<i>Intergenic</i>	rs12821256
Hair Curl	Physical Appearance	<i>TCHHL1, WNT10A</i>	rs17646946, rs7349332
Hair Thickness	Physical Appearance	<i>EDAR</i>	rs3827760
Height	Physical Appearance	<i>HMGA2</i>	rs1042725
Iris Patterns	Physical Appearance	<i>TRAF3IP1</i>	rs3739070
Male Pattern Baldness	Physical Appearance	<i>SLC14A2, C1orf127</i>	rs8085664, rs2003046
Pigmentation	Physical Appearance	<i>OCA2, HERC2, LOC105370627</i>	rs4778138, rs1667394, rs12896399
Asparagus Metabolite Odor Detection in Urine	Sensory Perception	<i>Intergenic</i>	rs4481887
Bitter Taste Perception	Sensory Perception	<i>TAS2R38</i>	rs1726866
Cilantro (Coriander) Preference	Sensory Perception	<i>Intergenic (2)</i>	rs2741762, rs3930459
Misophonia (Sensitivity to Chewing Sounds)	Sensory Perception	<i>Intergenic</i>	rs2937573
Nearsightedness (Myopia)	Sensory Perception	<i>Intergenic (2)</i>	rs10034228, rs560766
Odor Detection	Sensory Perception	<i>Intergenic</i>	rs1953558
Pain Sensitivity	Sensory Perception	<i>COMT</i>	rs6269
Photic Sneeze Reflex	Sensory Perception	<i>Intergenic</i>	rs10427255
Sweetness Detection	Sensory Perception	<i>TAS1R3</i>	rs35744813
Alcohol Sensitivity	Substance Reaction	<i>ALDH2</i>	rs671
Coffee and Caffeine	Substance Reaction	<i>CYP1A2, Intergenic</i>	rs762551, rs2472297
Nicotine Response	Substance Reaction	<i>CHRNA3</i>	rs1051730