

Gene	rs #	disease/behavior	notes
Inhibin Beta A	rs2237436	Fertility	intronic, 0.48 heterozygosity
Inhibin Beta B	rs11902591	Fertility	intronic, 0.39 heterozygosity
Inhibin Alpha	rs35118453	Premature Ovarian Failure	5' UTR, unknown heterozygosity
lhhibin Alpha	rs2059693	Cancer	not listed in dbSNP
CYP2A6	rs5031016	Nicotine addiction	exonic, missense, 0.01 heterozygosity
GABRB 1	rs13138813	alcohol	this SNP is close to the proposed GabaA microsatellite
A2M	rs669	Alzheimer's	exonic, missense, 0.37 heterozygosity
GnRH	novel	Alzheimer's	flanking sequence in .txt
IL1A	rs17561	Alzheimer's	exonic, missense, > 0.30 heterozygosity
LHB	rs6521	Alzheimer's	exonic, synonymous, 20/35/45 genotypes
LHR	rs4073366	Alzheimer's	intronic, 0.28 heterozygosity
PGR	rs1042838	Cancer, Alzheimer's	exonic, missense, 0.15 heterozygosity
FTO	rs1421085	Obesity, Alzheimer's, Diabetes	intronic, 0.43 heterozygosity
ER	rs3844509	Alzheimer's	intronic, 0.44 heterozygosity
ER	rs7761133	Alzheimer's	intronic, 0.47 heterozygosity
FSH	rs6169	Alzheimer's	exonic, synonymous, 0.48 heterozygosity
FSHR	rs59607239	Reproductive/Menstrual Patterns	exonic, missense, unknown heterozygosity
FSHR	rs6166	Alzheimer's	exonic, missense, 0.47 heterozygosity
ApoE	rs429358	Alzheimer's	exonic, missense, 0.02 heterozygosity
ApoE	rs7412	Alzheimer's	exonic, missense, 0.18 heterozygosity
BRCA-1	rs1799966	Breast Cancer	exonic, missense, 0.41 heterozygosity
BRCA-1	rs4986852	Breast Cancer	exonic, missense, 0.03 heterozygosity, previously linked
BRCA-2	rs144848	Breast Cancer	exonic, missense, 0.41 heterozygosity, previously linked
CHRM2	rs8191992	Cognition	3' UTR, 0.50 heterozygosity
CHRM2	rs2061174	Cognition	intronic, 0.5 heterozygosity
KIBRA (WWC1)	rs17070145	Cognition	intronic, 0.49 heterozygosity
SNAP25	rs363050	Cognition	intronic, 0.49 heterozygosity
SSADH	rs2760118	Cognition	exonic, missense, 0.42 heterozygosity
CTSD	rs17571	Cognition/Mental Retardation	exonic, missense, 0.08 heterozygosity
OXTR	rs2254298	Autism, Reproductive/Social Behaviors	intronic, 0.35 heterozygosity
PEPCK-C	rs707555		exonic, missense, 0.23 heterozygosity
CYP11A1	rs8039957	Cognitive Aging	not found in dbSNP for CYP11A1 but linkage is claimed in: http://cancerres.aacrjournals.org/cgi/content/full/67/12/5673#TBL2
DISC1	rs821616	Cognitive Aging, Schizophrenia	exonic, missense, 0.40 heterozygosity
COMT	rs4680	Cognitive Aging, Impulsivity	exonic, missense, 0.47 heterozygosity
AR	rs6152	Cognitive Aging	exonic, synonymous, 0.38 heterozygosity
DTNBP1	rs760761	Cognitive Aging	intronic 0.31 heterozygosity
BDNF	rs6265	Cognitive Aging, Memory, IQ	exonic, missense, 0.37 heterozygosity
5-HTR1A	rs1800046	Depression	intronic, unknown heterozygosity
5-HTR2A	rs6314	Memory	exonic, missense, 0.13 heterozygosity
5-HTR2A	rs7997012	Depression	intronic, 0.31 heterozygosity
5-HTR2C	rs6318	Depression	exonic, missense, 0.32 heterozygosity
5HTT	rs25533	Depression	intronic, 0.18 heterozygosity
MAOA	rs3788862	Depression, Impulsivity	intronic, 0.49 heterozygosity
IGF1	rs12313279	Diabetes, Longevity	intronic, 0.45 heterozygosity
StAR	rs3990403	Fertility	3' UTR, 0.47 heterozygosity
CH25H	rs3802657	Alzheimer's	3' UTR, 0.41 heterozygosity
FADS2	rs174575	IQ	intronic, 0.39 heterozygosity
FADS2	rs1535	IQ	intronic, 0.41 heterozygosity
HFE	rs1799945	Alzheimer's, obesity, liver disease	exonic, missense, 0.12 heterozygosity
DRD2	rs2242592	Impulsivity, Parkinson's	3' near gene, 0.50 heterozygosity
DRD2	rs1800497	Nicotine/Alcohol addiction	TaqI according to lit, rs not found in DRD2 in dbSNP
DRD4	rs1800955	Impulsivity, Parkinson's	5' near gene, 0.48 heterozygosity

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DRD5	rs2227845	Impulsivity, Parkinson's	exonic (near 5' end), missense, 0.41 heterozygosity
DAT1	rs11564774	Impulsivity, Motor Coordination	3' UTR, 0.28 heterozygosity
DAT1	rs2963238	Impulsivity, Motor Coordination	intronic, 0.50 heterozygosity
AVPR1A	rs2228154	Impulsivity, Autism, Social Behavior	exonic, missense, 0.5 heterozygosity
TPH1	rs1799913	Impulsivity, Depression	intronic, 0.44 heterozygosity
TPH2	rs11178997	Bipolar	5' near gene, unknown heterozygosity
APOC-3 CC	rs45537037	Longevity	5' near gene, 0.50 heterozygosity
MT1A	rs11640851	Longevity	exonic, missense, 0.39 heterozygosity
ADIPOQ	rs2241766	Diabetes II, Obesity	exonic, synonymous 0.40 heterozygosity
ADIPOQ	rs1501299	Diabetes II, Obesity	intronic, 0.43 heterozygosity
LEPR	rs1137100	Diabetes, Obesity, Insulin resistance	exonic, missense, 0.48 heterozygosity
PPARG	rs1805192	Obesity, Diabetes	exonic, missense, unknown heterozygosity
CHRNA4	rs2236196	Nicotine addiction	3' UTR, 0.43 heterozygosity
ACVR2A	rs1424954	Fertility	5' near gene, 0.44 heterozygosity
ACVR2B	rs3749386	Fertility	intronic, 0.41 heterozygosity
ALK1	rs2071219	Brain Ateriovenous Malformations	intronic, 0.37 heterozygosity
GABBR2	rs1435252	Nicotine addiction	intronic, 0.47 heterozygosity
GABBR2	rs2779562	Nicotine addiction	intronic, 0.49 heterozygosity
CYP11B2	rs1799998	Cancer	5' near gene, 0.44 heterozygosity
FMR1	rs1805420	Fragile X syndrome	5' near gene, 0.35 heterozygosity
GnRHR	rs17635850	Fertility	3' UTR, 0.46 heterozygosity
IL6	rs1800795	breast cancer	5' near gene, 0.50 heterozygosity
FST	rs3797297	Muscle Mass	intronic, 0.25 heterozygosity
FST	rs12152850	Muscle Mass	intronic, 0.14 heterozygosity
FST	rs3797297	Fertility	intronic, 0.25 heterozygosity, previously linked to PCOS
TFAM	rs1937	Alzheimer's	exonic, missense, 0.18 heterozygosity
DTNBP1	rs1018381	"g" in Burdick et al ??	intronic, 0.24 heterozygosity
BCKDHB	rs4502885	Premature Ovarian Failure	intronic, 0.39 heterozygosity
BDNF	rs908867	"discounting" behavior	(Iceland)
DRD2	rs17529477	"social capital"	(Iceland)
DRD2	rs6277	"social capital"	(Iceland)
DRD2	rs4245147	"social capital"	(Iceland)
HERC	rs12913832	eye color	(Iceland) a "positive control" for association with eye color -- this would validate the overall genotyping process, of course, though not any particular SNP -- if the WLS has recorded information about participant eye color. Do not have that info yet but will add it to next wave this spring.
TFAM	rs2306604	"explicit memory"	(Iceland)
ESR1	rs3853248	"digit symbol"	(Iceland)
ESR1	rs12664989	"digit symbol"	(Iceland)
HTT	rs8076005	"digit symbol, cognitive composite"	(Iceland)
HSD17B1	rs592389	"explicit memory"	(Iceland)
HSD17B1	rs12602084	"explicit memory"	(Iceland)
HTR2A	rs6312	"explicit memory"	(Iceland)
ALDH5A1 (aka SSADH)	rs2267539	human capital, which is a composite of years of education and the number of foreign languages one speaks	(Iceland)
ALDH5A1 (aka SSADH)	rs3761793	human capital, which is a composite of years of education and the number of foreign languages one speaks	(Iceland)
ALDH5A1 (aka SSADH)	rs807517	human capital, which is a composite of years of education and the number of foreign languages one speaks	(Iceland)