







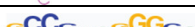








SNP	GWAS Phenotype	PRISM Binding Site		Risk Allele Effect on Binding Site	Nearest Genes
rs445	white blood cell count	MYB, MYBL1	TF Motif:  Non-risk: GACCGTTG Risk: T	↓	CDK6 (+55kb), PEX1 (-251kb)
rs339331	prostate cancer	HOXA13, HOXC13	TF Motif:  Non-risk: TTTCATGAG Risk: T	↑	RFX6 (+12kb), VGLL2 (-377kb)
rs356220	Parkinson's disease	NKX2-4	TF Motif:  Non-risk: AGGTTCAAGTGGCT Risk: T	↔	SNCA (+117kb), TIGD2 (+607kb)
rs599839	coronary heart disease, LDL cholesterol	SPDEF	TF Motif:  Non-risk: AGCAGGATCA Risk: G	↔	PSRC1 (+4kb), CELSR2 (+30kb)
rs909116	breast cancer	ESR1, ESRRA, HNF4A, NR2F2, RXRA	TF Motif:  Non-risk: CGACCGCA Risk: T	↑	TNNT3 (+1kb), MRPL23 (-27kb)
rs960089	cognitive performance	MSX2	TF Motif:  Allele 1: TCAAAATTATCCGT Allele 2: T	↔	NSMAF (-136kb), TOX (+323kb)
rs1265879	cognitive test performance	TCF3	TF Motif:  Allele 1: GCAGGTAC Allele 2: G	↑	CDKL1 (+5kb), STP5S (+99kb)
rs2222328	waist circumference	OSR2	TF Motif:  Non-risk: ACTGTAGC Risk: C	↔	SCHIP1 (+268kb), IL12A (-447kb)
rs2314398	bipolar disorder	TFAP2B	TF Motif:  Allele 1: GCCTCTGGGGA Allele 2: G	↔	LMAN2L (-8kb), CNNM4 (-13kb)
rs10490775	Fuch's corneal dystrophy	RXRA	TF Motif:  Non-risk: GCGGTCA Risk: T	↔	FEZF2 (+322kb), PTPRG (+489kb)
rs10508517	diastolic blood pressure	SIX2, SIX3	TF Motif:  Non-risk: AGGTATCA Risk: A	↓	RSU1 (-138kb), CUBN (+174kb)
rs11072089	bipolar disorder, schizophrenia	HOXC10	TF Motif:  Allele 1: TTTACGAT Allele 2: C	↑	KIF23 (-57kb), PAQR5 (+59kb)
rs11108495	weight	IRF5	TF Motif:  Non-risk: TGTTC TGAT Risk: T	↑	PCTK2 (-14kb), NEDD1 (-493kb)
rs12917707	chronic kidney disease	SREBF1, BHLHE40	TF Motif:  Non-risk: GCAGGTGA Risk: T	↓	UMOD (-4kb)
rs12913832	hair color, eye color	MEIS1, MEIS3	TF Motif:  Non-risk: ATTAAGTGTCAA Risk: A	↔	OCA2 (-21kb), HERC2 (+202kb)