

SNP	Chr	F1	F2	F1 effect size	F2 effect size	P value	Associated gene	Ocular phenotypes	General phenotypes
rs4721061	7	F	I	-0.23	-0.09	3.40E-11	<i>TMEM106B</i>		Coronary artery disease, Dementia, Depression, Height, Irritability, Mood swings, Neuroticism
rs55798570	10	F	I	0.13	1.61E-03	2.06E-06	<i>CDHR1</i>	Cone-rod dystrophy, Refractive error, Retinitis pigmentosa	
rs61773269	1	F	P	-0.23	-0.03	1.43E-06	<i>LRRC8D</i>		
rs7430585	3	F	P	-0.26	-0.05	1.27E-18	<i>TSC22D2</i>	Age started wearing glasses	Blood pressure, Brain morphology, Cholesterol, Platelet count, Pulse pressure, Type 2 diabetes
rs59515506	4	F	P	-0.34	-0.01	7.15E-09	<i>RUFY3</i>		Cardiovascular disease, Hippocampus, Parkinson disease
rs4131080	5	F	P	-0.12	-0.02	1.95E-06	<i>HNRNP1</i>		Neutrophil count, White blood cell count
5:71646122_AATTT_A	5	F	P	-0.03	0.08	4.20E-07			
6:31806799_CA_C	6	F	P	-0.13	0.01	3.33E-08			
rs13237518	7	F	P	-0.23	-0.02	1.77E-26	<i>TMEM106B</i>		Coronary artery disease, Dementia, Depression, Height, Irritability, Mood swings, Neuroticism, Type 2 diabetes

rs141629142	9	F	P	0.40	0.06	9.15E-06	<i>RORB</i>	Advanced AMD, Macular thickness, Myopia, Refractive error	Alcohol consumption, Blood pressure, BMI, Cholesterol, Chronotype, Creatinine, Epilepsy, Erythrocytes, Glomerular filtration rate, Glucose, Heart failure, Height
rs1409396	10	F	P	0.13	0.02	7.63E-09	<i>PIP4K2A</i>		Frequency of walking for pleasure, Height, Platelet distribution width
rs55798570	10	F	P	0.13	-0.06	1.12E-13	<i>CDHR1</i>	Cone-rod dystrophy, Refractive error, Retinitis pigmentosa	
rs200916002	14	F	P	-0.07	-0.21	1.46E-06	<i>BBOF1</i>		
rs55634267	17	F	P	0.20	0.05	1.08E-11	<i>GNGT2</i>	Refractive error, Spherical power	Angina, Asthma, Chronic lower respiratory disease, Coronary artery disease, Eosinophil counts, Hypertension, Impedance of limbs, Metabolite errors, Prostate cancer
rs850526	17	F	P	-0.16	-0.04	7.56E-08	<i>GNGT2</i>	Spherical power, Refractive error	Appendicular lean mass, Asthma, Chronic lower respiratory disease, Metabolite levels, Primary sclerosing cholangitis, Prostate cancer
rs76076446	19	F	P	0.31	-0.09	1.76E-09	<i>RAX2</i>	AMD, Cone-rod dystrophy, Macular thickness, Retinal dystrophy	

rs2236665	21	F	P	0.16	0.01	1.53E-13	<i>RRP1B</i>	Refractive error, Spherical power	Blood pressure, Coronary artery disease, Haemoglobin traits, High blood pressure, Hypertension, Red blood cell traits
rs1041451	21	F	P	-0.14	-0.01	2.74E-10	<i>C2CD2</i>		
rs6414375	3	I	P	-0.18	-0.06	9.14E-10	<i>TSC22D2</i>	Age started wearing glasses, Glaucoma, IOP, Macular thickness, Refractive error	Blood pressure, Brain morphology, Cholesterol, Platelet count, Pulse pressure, Type 2 diabetes
rs13171669	5	I	P	-0.01	0.07	3.06E-06	<i>AFAP1L1</i>	Macular thickness	Blood pressure, BMI, Forced expiratory volume, Glomerular filtration, Hearing difficulties, Hypertension, Socioeconomic factors
rs11974335	7	I	P	-0.09	-0.01	1.15E-05	<i>TMEM106B</i>		Dementia, Depression, Height, Impedance of body, Irritability, Mood swings, Neuroticism
21:45115055_CT_C	21	I	P	0.11	0.01	8.27E-08			