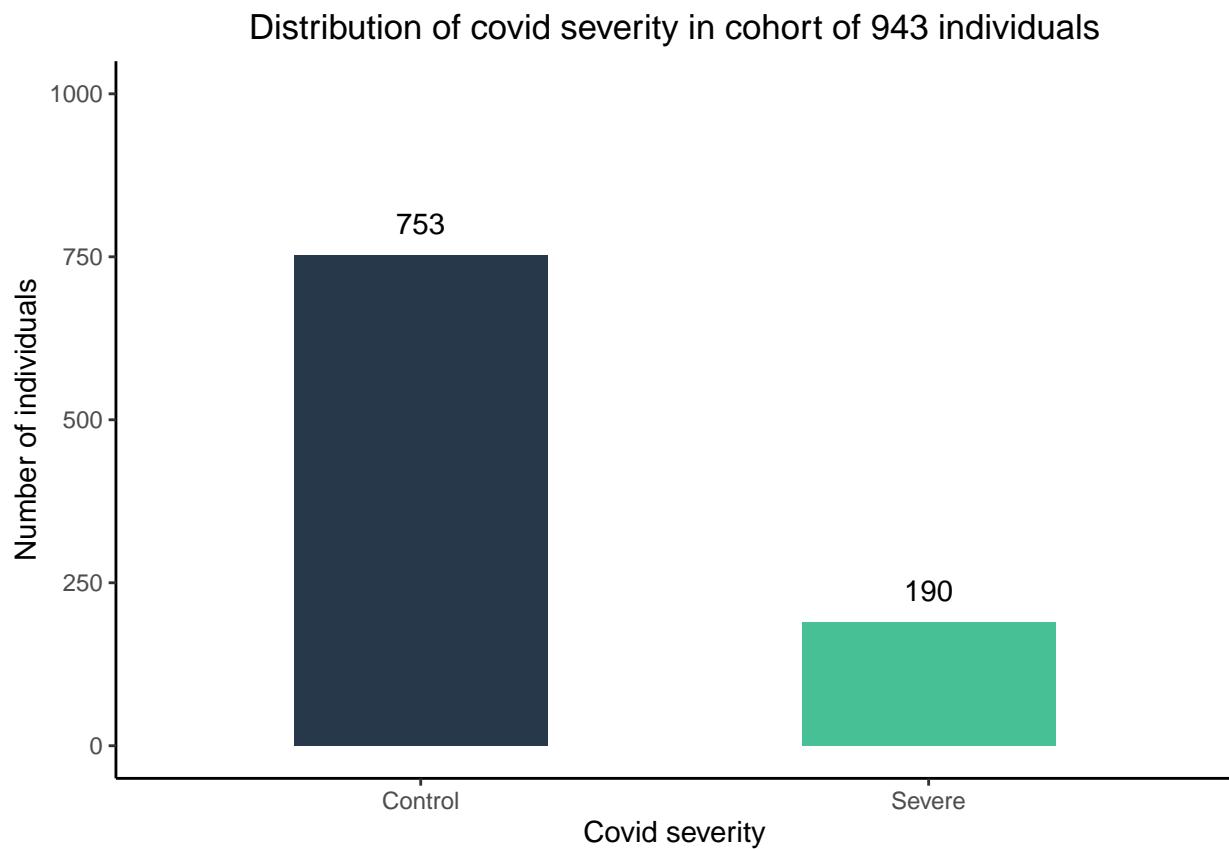


ensembl_cardiac_diseases_panel_20200715

1. Cohort information



Control label include mild benign and resistant response to COVID-19 infection

2. Results

Association study was performed by comparison of allele counts in cases and controls with Chi-square test. Significance of variants is expressed in form of q-values which are FDR adjusted p-values.

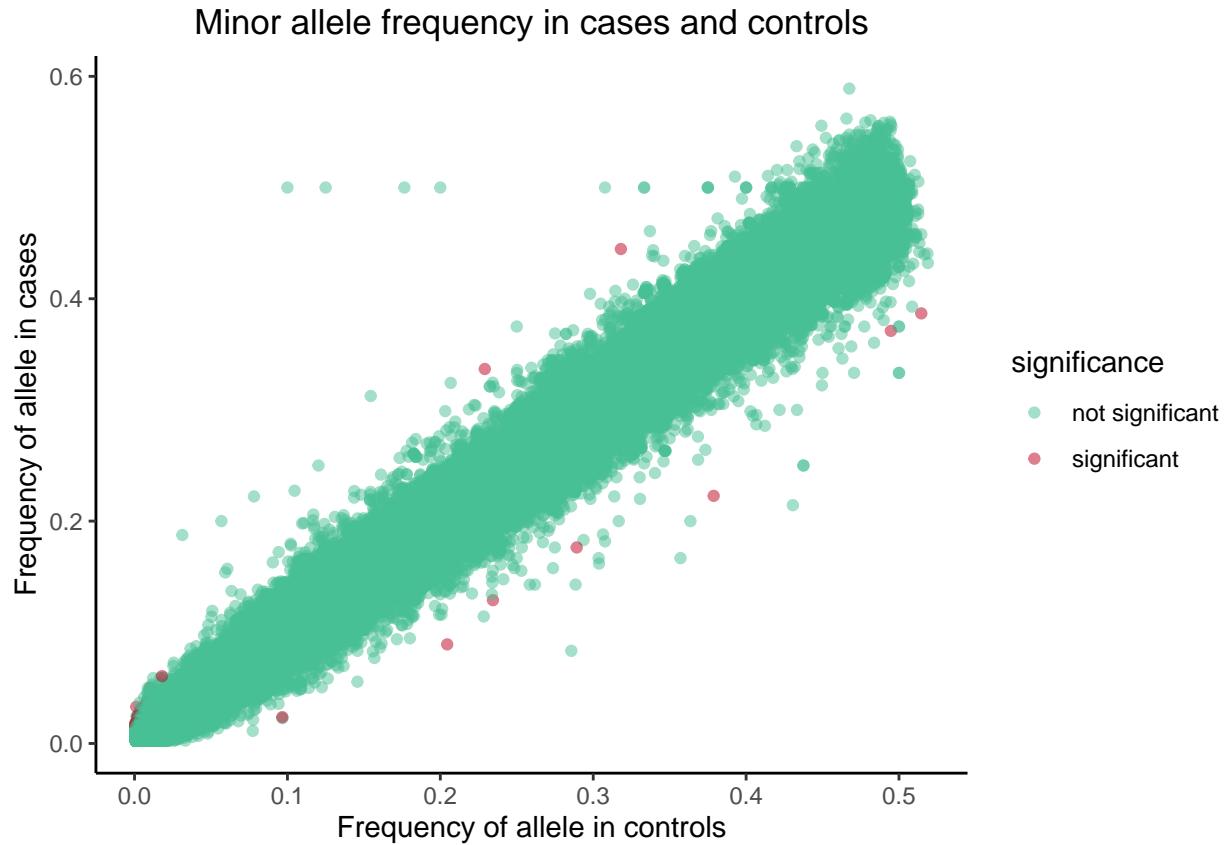


Table 1: Variants with q-value < 0.1

rsid	SYMBOL	qvalue	case_frequency	ctrl_frequency	minor_allele_OR
rs12713870	APOB	0.0233792	0.05000	0.009960	5.2320
rs558651847	NEBL	0.0715223	0.01842	0.000664	28.2400
rs779637473	DMD	0.0715223	0.01842	0.000664	28.2400
rs530902318	VCL	0.0774518	0.02895	0.003984	7.4530
rs76973499	DMD	0.0774518	0.44470	0.318100	1.7170
rs200184156	DMD	0.0774518	0.06053	0.017930	3.5290
rs184864400	KCNAB2	0.0788635	0.22270	0.378800	0.4698
rs532313826	RYR2	0.0788635	0.01579	0.000664	24.1400
rs115959384	RYR2	0.0788635	0.01579	0.000664	24.1400
rs12713871	APOB	0.0788635	0.02895	0.004648	6.3840
rs56218721	HADHA	0.0788635	0.37110	0.494700	0.6026
rs35488195	HADHB	0.0788635	0.38680	0.514600	0.5951
rs139861367	ALMS1	0.0788635	0.01579	0.000664	24.1400
rs572464791	PPA2	0.0788635	0.01913	0.001381	14.1000
rs77446255	TRDN	0.0788635	0.04211	0.009960	4.3690
rs200699818	VCL	0.0788635	0.02895	0.004648	6.3840
rs547179130	VCL	0.0788635	0.02895	0.004648	6.3840
rs557763938	VCL	0.0788635	0.02895	0.004648	6.3840
rs188796749	SMAD9	0.0788635	0.03684	0.007968	4.7620
rs542395521	DMD	0.0788635	0.33680	0.229100	1.7090
rs78095294	DMD	0.0788635	0.12890	0.234400	0.4836
rs2405689	DMD	0.0788635	0.17630	0.289200	0.5260
rs1002387792	DMD	0.0788635	0.01579	0.000664	24.1400
rs1298536274	KCNAB2	0.0819746	0.08915	0.204500	0.3807
rs1298536274	KCNAB2	0.0819746	0.08915	0.204500	0.3807
rs200643126	PRDM16	0.0953094	0.03158	0.005976	5.4240

