

Annotation	Population	phenotype	Top 1%	Top 0.1%	Top 0.01%	LASSO
UTR	A	stage 8	0.55	0.66	0.94	0.59
	A	stage 10	0.68	0.55	0.23	0.74
	B	stage 8	0.9	0.89	0.96	0.26
	B	stage 10	0.52	0.28	0.26	0.4
	both	stage 8	0.767	0.687	0.897	0.467
	both	stage 10	0.533	0.214	0.282	0.297
intergenic	A	stage 8	0.69	0.75	0.09	0.46
	A	stage 10	0.3	0.52	0.73	0.54
	B	stage 8	0.69	0.59	0.59	0.59
	B	stage 10	0.77	0.24	0.23	0.32
	both	stage 8	0.224	0.041	0.104	0.321
	both	stage 10	0.505	0.147	0.062	0.155
intronic	A	stage 8	0.78	0.51	0.1	0.36
	A	stage 10	0.57	0.5	0.89	0.33
	B	stage 8	0.22	0.48	0.44	0.56
	B	stage 10	0.97	0.97	0.87	0.43
	both	stage 8	0.706	0.515	0.203	0.747
	both	stage 10	0.832	0.963	0.905	0.9
non-synonymous	A	stage 8	0.6	0.38	0.04	0.55
	A	stage 10	0.5	0.33	0.23	0.31
	B	stage 8	0.84	0.59	0.79	0.38
	B	stage 10	0.23	0.15	0.59	0.44
	both	stage 8	0.403	0.331	0.582	0.378
	both	stage 10	0.244	0.193	0.453	0.367
synonymous	A	stage 8	0.18	0.31	0.59	0.69
	A	stage 10	0.61	0.62	0.29	0.6
	B	stage 8	0.08	0.17	0.3	0.57
	B	stage 10	0	0	0.32	0.35
	both	stage 8	0.083	0.205	0.415	0.376
	both	stage 10	0.019	0.043	0.072	0.396
upstream/downstream	A	stage 8	0.1	0.48	0.98	0.52
	A	stage 10	0.47	0.47	0.36	0.6
	B	stage 8	0.84	0.46	0.44	0.58
	B	stage 10	0.4	0.61	0.52	0.83
	both	stage 8	0.811	0.954	0.904	0.529
	both	stage 10	0.632	0.706	0.786	0.552