

Table S7: Eye colour prediction outcomes for 52,488 possible genotype combinations using the EC11 three-category model.

	Blue	Brown	Intermediate
Number of predictions ¹	40,054	4,926	7,508
Maximum probability value	0.999	1.00	0.941
Minimum probability value	0.341	0.348	0.337

¹Predictions of 52,488 possible genotype combinations in the EC11 SNP set using the three-category system. The predicted eye colour was the eye colour category with the highest probability (pmax). For comparison, only 226 genotype combinations were observed in the model data set