Supplementary Table 1: SNP marker used in our assay for eye and hair color prediction with details on SBE primers.

SNP-ID	gene	SBE primer length (bp)	SBE extension primer (5'-3')	Primer conc. (µM)	Alleles detected	Ref.
rs1129038	*HERC2*	65	GACTGACTGACTGACTGACTGACTGACTGACTGACTTGCCTACAGTCTACAC AGCAGCGAG	0,15	A/G	Eiberg, 2008
rs12913832	HERC2	25	TGATGATAGCGTGCAGAACTTGACA	1,50	A/G	Eiberg, 2008
rs1393350	TYR	50	GACTGACTGACTGACTGACTGACTGAGTAAAAGACCACACAGATTT	1,00	A/G	self - designed
rs7170989	OCA2	60	GACTGACTGACTGACTGACTGACTGACTGACGGGACTGCTGCTCCGCGATCT CACC	0,25	C/T	Duffy, 2007
rs7495174	OCA2	40	GACTGACTGACTGACTACGTCGCACCCGTCTGTGCACACT	1,00	A/G	Duffy, 2007
rs1800407	OCA2	55	GACTGACTGACTGACTGACTGACTGACGTGGCCAGGCATACCGGCTCTCCC	0,01	A/G	Duffy, 2007
rs1667394	OCA2	30	GACTGAACGCAGCAATTCAAAACGTGCATA	1,70	A/G	self-designed
rs26722	*SLC45A2*	40	AATGCCAGCTCTGGATTTACGTAACCATTTTTAACTTTCT	0,15	C/T	Soejiam, 2007
rs16891982	*SLC45A2*	45	GACTGACTGACTGACTAGAGGAGTCGAGGTTGGATGTTGGGGCTT	0,65	C/G	Soejima, 2007
rs1426654	*SLC24A5*	30	ACCCTTGGATTGTCTCAGGATGTTGCAGGC	0,05	A/G	Soejima, 2007
rs1805005	MC1R	35	GACTGACTGACTGACTGGTGGAGAACGCGCTGGTG	0,15	T/G	Mengel-From, 2008
rs1805008	MC1R	60	GACTGACTGACTGACTGACTGACTGACTGACTGACTGAAGCATCGTGACCCT GCCG	0,10	T/C	Mengel-From, 2008