

Erratum to: Global skin colour prediction from DNA

Susan Walsh¹ · Lakshmi Chaitanya² · Krystal Breslin¹ · Charanya Muralidharan¹ ·
Agnieszka Bronikowska³ · Ewelina Pospiech^{4,5} · Julia Koller² · Leda Kovatsi⁶ ·
Andreas Wollstein⁷ · Wojciech Branicki^{5,8} · Fan Liu^{2,9,10} · Manfred Kayser²

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Unfortunately, during the typesetting the Table 2 column head has been incorrectly aligned. The corrected Table 2 is given below:

We apologize for any inconveniences caused.

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✉ Susan Walsh
walshsus@iupui.edu

✉ Manfred Kayser
m.kayser@erasmusmc.nl

¹ Department of Biology, Indiana University Purdue University Indianapolis (IUPUI), Indianapolis, IN, USA

² Department of Genetic Identification, Erasmus MC University Medical Centre Rotterdam, Rotterdam, The Netherlands

³ Department of Dermatology, Collegium Medicum of the Jagiellonian University, Kraków, Poland

⁴ Faculty of Biology and Earth Sciences, Institute of Zoology Jagiellonian University, Kraków, Poland

⁵ Malopolska Centre of Biotechnology, Jagiellonian University, Kraków, Poland

⁶ Laboratory of Forensic Medicine and Toxicology, School of Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece

⁷ Section of Evolutionary Biology, Department of Biology II, University of Munich LMU, Planegg-Martinsried, Germany

⁸ Central Forensic Laboratory of the Police, Warsaw, Poland

⁹ Key Laboratory of Genomic and Precision Medicine, Beijing Institute of Genomics, Chinese Academy of Sciences, Beijing, China

¹⁰ University of Chinese Academy of Sciences, Beijing, China

Table 2 Contribution of each of the 36 selected SNP predictors of skin colour towards binomial prediction categories in terms of the beta coefficients and its statistical significance, within the 5-category skin colour prediction model

Rank	DNA variant_allele	Gene	Function	Very Pale (beta)*	Very Pale(p)	Pale (beta)*	Pale(p)	Intermediate (beta)*	Intermediate (p)	Dark (beta)*	Dark(p)	Black (beta)*	Black(p)
1	rs1426654_G	SLC24A5	missense	1.55E+01	0.9942928	1.77E+01	0.993404	1.20E+00	2.77E-05	3.77E-01	0.319734	-2.36E+00	0.0004942
2	rs12203592_T	IRF4	Intronic	-7.51E-01	1.58E-05	-2.16E-01	4.74E-02	5.99E-01	7.14E-07	9.92E-01	0.1763	1.35E+00	0.3978746
3	rs1805007_T	MC1R	missense	-1.35E+00	4.51E-05	-1.71E-01	0.381957	7.47E-01	0.0005226	-9.43E-03	0.988182	3.38E+00	0.0676266
4	rs1800414_C	OCA2	missense	-9.70E-01	0.0585353	3.10E-01	0.509712	-7.05E-01	0.0816092	6.53E-02	0.940198	2.32E+01	0.9965547
5	rs16891982_C	SLC45A2	missense	6.22E-02	0.9162894	6.93E-01	0.022566	4.97E-02	0.8310418	-5.96E-01	0.167571	-9.87E-01	0.2208321
6	rs1667394_C	HERC2	Intronic	2.34E-01	0.511466	7.89E-01	1.51E-06	-7.12E-01	6.69E-06	-3.73E-01	0.439589	1.57E-01	0.868159
7	rs1805008_T	MC1R	missense	-4.13E-01	0.2408292	-5.76E-01	0.002058	5.00E-01	0.0089664	1.78E+01	0.996328	1.46E+01	0.994609
8	rs1800407_A	OCA2	missense	-5.06E-01	0.1424749	-4.37E-01	0.023029	4.16E-01	0.0317966	1.44E+00	0.058356	1.47E-01	0.9215988
9	rs11547464_A	MC1R	missense	-1.01E+00	0.1458374	2.61E-01	0.543709	-1.13E-01	0.7867291	1.92E+01	0.998487	-1.26E+00	0.6761456
10	rs885479_T	MC1R	missense	-2.67E-01	0.5489678	-1.90E-01	0.413344	-1.40E-01	0.5139418	-3.08E-01	0.56802	6.36E-02	0.9574336
11	rs2228479_A	MC1R	missense	-4.92E-01	0.1144651	-1.93E-01	0.247803	2.32E-01	0.1706836	6.63E-01	0.286954	-7.25E-01	0.5266929
12	rs1042602_T	TYR	missense	-2.60E-01	0.1929436	-1.70E-02	0.862792	2.50E-03	0.9796564	-2.29E-01	0.5263	1.30E+00	0.0915205
13	rs1805006_A	MC1R	missense	-1.07E+00	0.0761868	-5.39E-01	0.265437	1.54E+00	0.043044	1.68E+01	0.998875	1.18E+01	0.9987211
14	rs6059655_A	RALY	Intronic	-5.60E-01	0.0544301	-1.02E-01	0.570206	2.90E-01	0.1350065	1.80E+01	0.996243	1.90E+00	0.6150876
15	rs2238289_C	HERC2	Intronic	-3.02E-01	0.5552944	-6.19E-01	0.01014	5.48E-01	0.0137588	-3.65E-01	0.453662	-6.17E-01	0.5492788
16	rs8051733_C	DEF8	Intronic	-5.14E-02	0.8323057	-2.75E-01	0.019515	3.17E-01	0.0062002	-1.09E-02	0.973421	-7.59E-01	0.2163218
17	rs1129038_G	HERC2	utr variant	-2.22E-02	0.9665727	5.37E-01	0.017675	-3.67E-01	0.0784101	-1.33E+00	0.010994	1.38E+00	0.285247
18	rs1110400_C	MC1R	missense	5.28E-01	0.5208184	-9.73E-01	0.021921	9.83E-01	0.0349447	1.71E+01	0.998621	1.32E+01	0.9981779
19	rs1126809_A	TYR	missense	-1.09E+00	0.0009996	1.71E-01	0.323763	3.75E-02	0.8266796	3.51E-02	0.94582	-1.06E+00	0.3860315
20	rs12913832_A	HERC2	Intronic	5.50E-01	0.2901178	-7.13E-02	0.731546	-1.45E-02	0.9403802	-3.63E-02	0.940461	-1.35E+00	0.28026
21	rs1393350_T	TYR	Intronic	1.39E-01	0.6145368	-2.76E-01	0.059699	2.37E-01	0.1099633	-7.46E-01	0.089607	1.99E+00	0.1174444
22	rs3212355_A	MC1R	utr variant	1.71E+01	0.998324	3.89E-01	0.478824	-2.35E-01	0.6234064	-1.34E+00	0.063992	2.69E-01	0.8913592
23	rs2378249_C	PIGU	Intronic	-2.34E-01	0.3312696	4.01E-02	0.760401	9.67E-02	0.4565752	-3.54E-02	0.922082	1.27E-01	0.839637
24	rs28777_C	SLC45A2	Intronic	-3.51E-01	0.5680952	4.80E-01	0.15932	2.15E-01	0.3840998	-1.32E+00	0.001628	2.48E-01	0.7438982
25	rs12441727_A	OCA2	Intronic	-5.15E-01	0.1294029	3.35E-01	0.061498	-8.81E-02	0.5922469	-8.10E-01	0.036732	-1.74E-01	0.8160609
26	rs6119471_C	ASIP	Intronic	-4.53E-01	0.6352219	1.09E+00	0.13888	9.89E-01	0.0180537	8.07E-01	0.078096	-7.50E-01	0.373023
27	rs2402130_G	SLC24A4	Intronic	6.52E-02	0.7651712	1.27E-01	0.280665	-6.01E-02	0.608181	3.93E-01	0.260224	-5.00E-01	0.4372495
28	rs17128291_C	SLC24A4	Intronic	-3.19E-01	0.1218117	1.18E-03	0.99181	3.00E-02	0.7983005	1.52E-01	0.755635	2.42E+00	0.1352896
29	rs12896399_T	SLC24A4	Intergenic	-9.27E-02	0.6156681	-8.05E-02	0.397458	7.94E-02	0.4051686	2.72E-01	0.40895	-2.66E-02	0.9688827
30	rs6497292_C	HERC2	Intronic	3.00E-01	0.585069	1.69E-01	0.511455	-1.95E-01	0.3963796	7.49E-01	0.097886	-6.74E-01	0.3594738
31	rs1470608_T	OCA2	Intronic	9.00E-03	0.9797841	-2.48E-01	0.177785	2.75E-01	0.1103997	8.61E-01	0.042551	-6.99E-01	0.3548479
32	rs683_G	TYRP1	Intronic	-6.23E-02	0.7246088	3.05E-02	0.738261	8.17E-02	0.3761086	-4.01E-01	0.204862	-2.45E-02	0.9725941
33	rs12821256_G	KITLG	Intergenic	1.69E-02	0.955171	-2.89E-01	0.066387	2.38E-01	0.1394087	-5.19E-01	0.394784	2.36E+00	0.2742918
34	rs1545397_T	OCA2	Intronic	-1.85E-01	0.5744969	1.07E-01	0.502868	-1.22E-01	0.4187563	-1.32E-01	0.743928	2.82E-02	0.9732721
35	rs3114908_A	ANKRD11	Intronic	-6.48E-02	0.7409674	-4.10E-02	0.689547	1.09E-01	0.2902776	-5.70E-01	0.06615	1.99E-01	0.7600475
36	rs10756819_G	BNC2	Intronic	3.17E-01	0.0850126	-5.26E-02	0.565598	8.85E-02	0.3303634	7.41E-02	0.784686	-7.89E-01	0.1844509

* Each group is measured as Very Pale versus the rest, Pale versus the rest, Intermediate versus the rest, Dark versus the rest, and Dark-Black versus the rest and significant contributions are highlighted in their respective skin colour categories.