	0.025	0.014	-0.038	0.024	0.033	0.0019	-0.043	-0.0015	-0.022	-0.092	0.056	-0.077	0.037	0.00045	-0.036	-0.03	0.034	0.041	-0.1	0.0036	7
MEblue	(0.7)	(8.0)	(0.6)	(0.7)	(0.6)	(1)	(0.5)	(1)	(0.7)	(0.2)	(0.4)	(0.2)	(0.6)	(1)	(0.6)	(0.6)	(0.6)	(0.5)	(0.1)	(1)	
MEturquoise	0.0051 (0.9)	-0.053 (0.4)	0.016 (0.8)	0.03 (0.7)	0.026 (0.7)	-0.043 (0.5)	-0.012 (0.9)	0.032 (0.6)	-0.033 (0.6)	0.032 (0.6)	-0.03 (0.7)	0.03 (0.6)	-0.0066 (0.9)	-0.05 (0.5)	0.089 (0.2)	0.009 (0.9)	0.084 (0.2)	-0.0061 (0.9)	0.013 (0.8)	-0.046 (0.5)	
MEmagenta	0.12	-0.0018 (1)	0.0098 (0.9)	0.02 (0.8)	0.002 (1)	0.016 (0.8)	0.042 (0.5)	-0.019 (0.8)	-0.031 (0.6)	0.095 (0.1)	-0.041 (0.5)	0.051 (0.4)	-0.02 (0.8)	-0.024 (0.7)	0.083 (0.2)	0.047 (0.5)	0.023 (0.7)	0.03 (0.7)	-0.013 (0.8)	-0.039 (0.6)	1
MEroyalblue	-0.077 (0.2)	0.0065 (0.9)	0.0049 (0.9)	-0.0092 (0.9)	-0.0039 (1)	0.028 (0.7)	0.069 (0.3)	-0.032 (0.6)	-0.0053 (0.9)	0.09 (0.2)	-0.029 (0.7)	0.039 (0.6)	-0.02 (0.8)	-0.015 (0.8)	0.064 (0.3)	0.034 (0.6)	0.042 (0.5)	0.035 (0.6)	-0.0082 (0.9)	-0.017 (0.8)	
MEblack	(0.6)	-0.025 (0.7)	0.019 (0.8)	0.035 (0.6)	0.0043 (0.9)	-0.019 (0.8)	0.011 (0.9)	0.013 (0.8)	-0.056 (0.4)	0.053 (0.4)	-0.018 (0.8)	0.019 (0.8)	-0.019 (0.8)	-0.056 (0.4)	0.056 (0.4)	-0.012 (0.9)	0.057 (0.4)	0.0083 (0.9)	0.021 (0.7)	-0.016 (0.8)	
MEpink	-0.025 (0.7)	-0.00019 (1)	0.0096 (0.9)	0.0027 (1)	-0.011 (0.9)	0.0063 (0.9)	0.044 (0.5)	-0.0099 (0.9)	-0.02 (0.8)	0.044 (0.5)	-0.0048 (0.9)	0.0042 (0.9)	-0.007 (0.9)	-0.034 (0.6)	0.01 (0.9)	-0.021 (0.7)	0.04 (0.5)	0.0069 (0.9)	0.029 (0.7)	0.022 (0.7)	
MEdarkolivegreen	0.07 (0.3)	0.012 (0.9)	-0.0035 (1)	0.019 (0.8)	0.015 (0.8)	0.055 (0.4)	0.035 (0.6)	-0.048 (0.5)	-0.037 (0.6)	0.049 (0.5)	-0.033 (0.6)	0.024 (0.7)	-0.028 (0.7)	0.0063 (0.9)	0.069 (0.3)	0.057 (0.4)	0.056 (0.4)	0.05 (0.4)	-0.08 (0.2)	-0.062 (0.3)	
MEgreenyellow	-0.11 (0.08)	0.027 (0.7)	-2.3e-05 (1)	-0.042 (0.5)	-0.029 (0.7)	0.04 (0.5)	0.094 (0.2)	-0.041 (0.5)	0.028 (0.7)	0.05 (0.5)	0.0092 (0.9)	0.011 (0.9)	-0.0099 (0.9)	-0.0042 (0.9)	-0.027 (0.7)	-0.008 (0.9)	0.031 (0.6)	0.015 (0.8)	0.025 (0.7)	0.059 (0.4)	
MEmidnightblue	-0.013 (0.8)	0.027 (0.7)	-0.015 (0.8)	-0.11 (0.09)	-0.033 (0.6)	0.047 (0.5)	0.14 (0.04)	-0.058 (0.4)	0.094 (0.2)	0.031 (0.6)	0.017 (0.8)	-0.00049 (1)	0.0042 (0.9)	0.014 (0.8)	-0.037 (0.6)	-0.011 (0.9)	0.085 (0.2)	0.031 (0.6)	0.0094 (0.9)	0.08 (0.2)	
MEsalmon	0.053 (0.4)	0.0016 (1)	0.0033 (1)	-0.08 (0.2)	-0.028 (0.7)	0.015 (0.8)	0.12 (0.06)	-0.034 (0.6)	0.045 (0.5)	0.085 (0.2)	0.0024 (1)	0.01 (0.9)	0.012 (0.9)	-0.017 (0.8)	0.0085 (0.9)	-0.0034 (1)	0.086 (0.2)	0.027 (0.7)	0.038 (0.6)	0.05 (0.4)	
MEdarkgrey	-0.073 (0.3)	0.013 (0.8)	0.0074 (0.9)	0.02 (0.8)	-0.0063 (0.9)	0.01 (0.9)	-0.0031 (1)	-3e-05 (1)	-0.028 (0.7)	-0.03 (0.6)	0.028 (0.7)	-0.0065 (0.9)	-0.018 (0.8)	0.0032 (1)	-0.049 (0.5)	-0.049 (0.5)	0.015 (0.8)	-0.011 (0.9)	-0.0025 (1)	0.05 (0.5)	-0.5
MEdarkorange	-0.074 (0.3)	0.027 (0.7)	-0.0044 (0.9)	-0.022 (0.7)	-0.01 (0.9)	0.034 (0.6)	0.056 (0.4)	-0.032 (0.6)	0.0011 (1)	0.0051 (0.9)	0.016 (0.8)	0.011 (0.9)	-0.0051 (0.9)	0.015 (0.8)	-0.049 (0.5)	-0.052 (0.4)	0.041 (0.5)	-0.0055 (0.9)	0.019 (0.8)	0.038 (0.6)	
MEbrown	0.063 (0.3)	0.011 (0.9)	-0.022 (0.7)	-0.082 (0.2)	-0.0095 (0.9)	0.034 (0.6)	0.11 (0.1)	-0.051 (0.4)	0.038 (0.6)	-0.00085 (1)	0.016 (0.8)	-0.0094 (0.9)	0.032 (0.6)	0.0085 (0.9)	-0.05 (0.4)	-0.089 (0.2)	0.12 (0.07)	-0.0054 (0.9)	0.036 (0.6)	0.059 (0.4)	
MEred	-0.0039 (1)	0.013 (0.8)	-0.014 (0.8)	-0.05 (0.4)	-0.0033 (1)	0.017 (0.8)	0.05 (0.5)	-0.029 (0.7)	0.062 (0.3)	-0.04 (0.5)	0.023 (0.7)	0.014 (0.8)	0.036 (0.6)	0.048 (0.5)	-0.053 (0.4)	-0.046 (0.5)	0.016 (0.8)	-0.041 (0.5)	0.047 (0.5)	0.056 (0.4)	
MEskyblue	-0.16 (0.02)	-0.0031 (1)	0.027 (0.7)	0.059 (0.4)	-0.0073 (0.9)	0.0044 (0.9)	-0.02 (0.8)	0.0053 (0.9)	-0.09 (0.2)	0.063 (0.3)	-0.016 (0.8)	0.012 (0.9)	-0.048 (0.5)	-0.043 (0.5)	0.028 (0.7)	0.028 (0.7)	-0.016 (0.8)	0.02 (0.8)	-0.011 (0.9)	-0.041 (0.5)	
MEpaleturquoise	-0.073 (0.3)	0.031 (0.6)	-0.012 (0.9)	0.013 (0.8)	0.017 (0.8)	0.047 (0.5)	0.057 (0.4)	-0.06 (0.4)	0.041 (0.5)	-0.012 (0.9)	-0.0057 (0.9)	0.028 (0.7)	0.043 (0.5)	0.03 (0.6)	0.04 (0.5)	-0.023 (0.7)	0.0069 (0.9)	-0.0089 (0.9)	0.04 (0.5)	0.04 (0.5)	
MEsteelblue	(0.3)	0.013 (0.8)	-0.014 (0.8)	-0.021 (0.8)	-0.012 (0.9)	0.056 (0.4)	0.038 (0.6)	-0.051 (0.4)	0.054 (0.4)	-0.063 (0.3)	0.013 (0.8)	-0.012 (0.9)	-0.017 (0.8)	0.029 (0.7)	-0.041 (0.5)	-0.011 (0.9)	0.035 (0.6)	0.0018 (1)	-0.031 (0.6)	0.032 (0.6)	
MEyellow	-0.12 (0.08)	0.0087 (0.9)	-0.0078 (0.9)	0.065 (0.3)	0.0022 (1)	0.053 (0.4)	-0.049 (0.5)	-0.036 (0.6)	-0.024 (0.7)	-0.067 (0.3)	-0.011 (0.9)	-2e-04 (1)	-0.035 (0.6)	0.025 (0.7)	-0.0071 (0.9)	0.015 (0.8)	-0.039 (0.6)	-0.019 (0.8)	-0.058 (0.4)	-0.034 (0.6)	
MElightcyan	-0.046 (0.5)	0.0073 (0.9)	-0.013 (0.9)	0.061 (0.4)	0.0078 (0.9)	0.056 (0.4)	-0.048 (0.5)	-0.042 (0.5)	-0.022 (0.7)	-0.094 (0.2)	0.0035 (1)	-0.026 (0.7)	-0.033 (0.6)	0.021 (0.8)	-0.017 (0.8)	0.0042 (0.9)	-0.0081 (0.9)	-0.00022 (1)	-0.077 (0.2)	-0.028 (0.7)	
MEorange	-0.11 (0.08)	-0.016 (0.8)	-0.0015 (1)	0.04 (0.5)	0.004 (1)	0.021 (0.7)	-0.012 (0.9)	-0.018 (0.8)	-0.021 (0.8)	-0.019 (0.8)	-0.024 (0.7)	0.018 (0.8)	-0.031 (0.6)	-0.014 (0.8)	0.049 (0.5)	0.016 (0.8)	0.039 (0.6)	0.00026 (1)	-0.044 (0.5)	-0.039 (0.6)	
MEviolet	-0.24 (3e-04)	-0.022 (0.7)	0.072 (0.3)	0.11 (0.1)	0.035 (0.6)	0.07 (0.3)	-0.0042 (0.9)	-0.062 (0.3)	-0.058 (0.4)	0.027 (0.7)	-0.021 (0.7)	-0.0085 (0.9)	0.0012 (1)	-0.018 (0.8)	0.055 (0.4)	0.098 (0.1)	-0.0038 (1)	0.067 (0.3)	-0.03 (0.7)	-0.1 (0.1)	
MEgrey60	0.097 (0.1)	0.032 (0.6)	0.0081 (0.9)	-0.1 (0.1)	-0.062 (0.3)	0.041 (0.5)	0.1 (0.1)	-0.052 (0.4)	0.098 (0.1)	0.024 (0.7)	-0.0049 (0.9)	0.022 (0.7)	0.047 (0.5)	0.057 (0.4)	-0.039 (0.6)	0.012 (0.9)	0.0022	0.0072 (0.9)	0.046 (0.5)	0.074 (0.3)	
MElightgreen	-0.0074 (0.9)	0.0058 (0.9)	-0.025 (0.7)	0.0077 (0.9)	-0.0067 (0.9)	0.024 (0.7)	0.01 (0.9)	-0.011 (0.9)	-0.014 (0.8)	0.033 (0.6)	-0.044 (0.5)	0.023 (0.7)	-0.06 (0.4)	-0.004 (1)	0.056 (0.4)	0.019 (0.8)	0.016 (0.8)	-0.012 (0.9)	-0.057 (0.4)	-0.0042 (0.9)	
MEdarkturquoise	-0.074 (0.3)	-0.0065 (0.9)	-0.0071 (0.9)	-0.038 (0.6)	0.019 (0.8)	0.03 (0.7)	0.059 (0.4)	-0.031 (0.6)	0.072 (0.3)	-0.0034 (1)	-0.029 (0.7)	0.0087 (0.9)	0.033 (0.6)	0.023 (0.7)	0.028 (0.7)	0.07 (0.3)	-0.048 (0.5)	-0.013 (0.8)	0.012 (0.9)	0.012 (0.9)	
MElightyellow	-0.099 (0.1)	0.0073 (0.9)	0.016 (0.8)	-0.005 (0.9)	0.05 (0.4)	0.0093 (0.9)	-0.012 (0.9)	-0.00061 (1)	0.029 (0.7)	0.012 (0.9)	-0.035 (0.6)	0.025 (0.7)	0.0078 (0.9)	0.033 (0.6)	0.02 (0.8)	0.079 (0.2)	-0.055 (0.4)	0.027 (0.7)	-0.045 (0.5)	-0.058 (0.4)	
MEyellowgreen	-0.092 (0.2)	0.046 (0.5)	-0.017 (0.8)	-0.01 (0.9)	0.00036	0.0046 (0.9)	0.032 (0.6)	0.0096 (0.9)	-0.036 (0.6)	0.071 (0.3)	0.018 (0.8)	-0.01 (0.9)	0.037 (0.6)	-0.032 (0.6)	-0.04 (0.5)	-0.0016 (1)	-0.012 (0.9)	0.025 (0.7)	0.046 (0.5)	0.0094 (0.9)	
MEcyan	-0.043 (0.5)	0.031 (0.6)	0.016 (0.8)	-0.009 (0.9)	0.0039	-0.0031 (1)	-0.0048 (0.9)	0.0092 (0.9)	0.0017	0.13 (0.06)	-0.036 (0.6)	0.081 (0.2)	0.029 (0.7)	0.055 (0.4)	0.061 (0.4)	0.14 (0.04)	-0.15 (0.02)	0.0026	0.0044 (0.9)	-0.063 (0.3)	-0.5
MEdarkmagenta	0.044 (0.5)	0.0046 (0.9)	0.0047 (0.9)	-0.031 (0.6)	-0.0035 (1)	0.01 (0.9)	0.012 (0.9)	-0.014 (0.8)	0.048 (0.5)	0.014 (0.8)	-0.0062 (0.9)	0.044 (0.5)	0.022 (0.7)	0.048 (0.5)	0.022 (0.7)	0.062 (0.4)	-0.045 (0.5)	-0.017 (0.8)	0.015 (0.8)	-0.016 (0.8)	
MEtan	0.12 (0.06)	-0.013 (0.8)	0.0044 (0.9)	0.027 (0.7)	0.0074 (0.9)	-0.016 (0.8)	-0.039 (0.6)	0.017 (0.8)	0.0027 (1)	0.001 (1)	-0.024 (0.7)	0.042 (0.5)	0.011 (0.9)	0.019 (0.8)	0.032 (0.6)	0.027 (0.7)	-0.052 (0.4)	-0.05 (0.4)	0.033 (0.6)	-0.032 (0.6)	
MEdarkgreen	0.098 (0.1)	0.0011 (1)	0.0051 (0.9)	-0.036 (0.6)	0.0036 (1)	0.026 (0.7)	0.04 (0.5)	-0.035 (0.6)	0.063 (0.3)	-0.028 (0.7)	0.0062 (0.9)	0.028 (0.7)	0.023 (0.7)	0.038 (0.6)	0.0055 (0.9)	0.035 (0.6)	0.027 (0.7)	-0.015 (0.8)	0.0028 (1)	0.01 (0.9)	
MEdarkred	0.075 (0.3)	-0.0065 (0.9)	0.014 (0.8)	0.00017 (1)	-0.00031 (1)	0.0077 (0.9)	0.017 (0.8)	-0.015 (0.8)	0.019 (0.8)	0.0099 (0.9)	-0.0056 (0.9)	0.039 (0.6)	0.019 (0.8)	0.027 (0.7)	0.019 (0.8)	0.044 (0.5)	-0.017 (0.8)	-0.029 (0.7)	0.035 (0.6)	-0.0075 (0.9)	
MEsaddlebrown	0.12 (0.07)	-0.0089 (0.9)	-0.022 (0.7)	-0.076 (0.3)	-0.0019 (1)	0.017 (0.8)	0.077 (0.2)	-0.039 (0.6)	0.045 (0.5)	0.0012	-0.0033 (1)	-0.014 (0.8)	0.04 (0.5)	0.011 (0.9)	-0.0091 (0.9)	-0.04 (0.5)	0.091 (0.2)	0.014 (0.8)	-0.0058 (0.9)	0.027 (0.7)	
MEgreen	(0.4)	-0.015 (0.8)	-0.018 (0.8)	-0.076 (0.3)	0.012 (0.9)	0.02 (0.8)	0.061 (0.4)	-0.039 (0.6)	0.11 (0.08)	-0.087 (0.2)	0.022 (0.7)	0.0037 (1)	0.044 (0.5)	0.047 (0.5)	-0.029 (0.7)	-0.022 (0.7)	0.086 (0.2)	-0.019 (0.8)	0.0088 (0.9)	0.048 (0.5)	
MEpurple	(0.2)	-0.014 (0.8)	-0.025 (0.7)	-0.091 (0.2)	0.0088 (0.9)	0.025 (0.7)	0.087 (0.2)	-0.052 (0.4)	0.095 (0.2)	-0.054 (0.4)	0.014 (0.8)	-0.00053 (1)	0.048 (0.5)	0.041 (0.5)	-0.021 (0.8)	-0.045 (0.5)	0.11 (0.09)	-0.0097 (0.9)	0.0095 (0.9)	0.042 (0.5)	
MEsienna3	0.036 (0.6)	0.015 (0.8)	-0.022 (0.7)	-0.031 (0.6)	-0.0027 (1)	0.02 (0.8)	0.04 (0.5)	-0.028 (0.7)	0.063 (0.3)	-0.0036 (1)	0.0017	0.012 (0.9)	0.024 (0.7)	0.047 (0.5)	2.8e-05 (1)	0.0026 (1)	0.002	-0.0012 (1)	0.0021	0.021 (0.8)	1
MEwhite	0.0067 (0.9)	0.0012 (1)	-0.0098 (0.9)	-0.026 (0.7)	0.0097 (0.9)	0.0076 (0.9)	0.031 (0.6)	-0.018 (0.8)	0.069 (0.3)	-0.024 (0.7)	-0.0038 (1)	0.023 (0.7)	0.046 (0.5)	0.042 (0.5)	0.0068 (0.9)	-0.00043 (1)	0.0017 (1)	-0.019 (0.8)	0.028 (0.7)	0.023 (0.7)	
MEgrey	-0.018 (0.8)	0.01 (0.9)	0.015 (0.8)	-0.055 (0.4)	-0.016 (0.8)	-0.019 (0.8)	0.049 (0.5)	0.014 (0.8)	0.037 (0.6)	0.048 (0.5)	0.041 (0.5)	0.0043 (0.9)	0.04 (0.5)	0.014 (0.8)	-0.05 (0.5)	-0.0081 (0.9)	-0.044 (0.5)	-0.0055 (0.9)	0.071 (0.3)	0.057 (0.4)	
	ancestry	set	POS	itoRate	JA Jate	edGene	, appaile	&c,	&CJ	&C ³	&CV	&CO	&C6	&CJ	&Co	&C ⁵	&CNO	&C^^	8012	&CV3	