Module kME−Trait Correlation

	Ancestry	Sex	Age	mitoRate	rRNA_rate	totalAssignedGene	overallMapRate	qPC1	qPC2	qPC3	qPC4	qPC5	qPC6	qPC7	qPC8	qPC9
MEsalmon	0.084 (0.4)	0.034 (0.7)	−0.037 (0.7)	−0.044 (0.6)	−0.11 (0.3)	0.069 (0.5)	0.091 (0.3)	0.091 (0.3)	0.044 (0.6)	0.0072 (0.9)	−0.013 (0.9)	0.0057 (1)	−0.016 (0.9)	0.047 (0.6)	0.036 (0.7)	0.13 (0.2)
MEturquoise	0.08 (0.4)	0.052 (0.6)	−0.032 (0.7)	−0.097 (0.3)	−0.16 (0.08)	0.068 (0.5)	0.14 (0.1)	0.074 (0.4)	0.0065 (0.9)	0.028 (0.8)	−0.061 (0.5)	−0.022 (0.8)	−0.031 (0.7)	0.051 (0.6)	0.091 (0.3)	0.1 (0.3)
MEpurple	−0.089 (0.3)	−0.027 (0.8)	0.0058 (1)	−0.045 (0.6)	0.0038 (1)	0.025 (0.8)	0.071 (0.4)	−0.0094 (0.9)	0.0035 (1)	−0.024 (0.8)	0.042 (0.6)	0.0021 (1)	0.035 (0.7)	0.065 (0.5)	0.0076 (0.9)	0.041 (0.7)
MEblue	−0.0099 (0.9)	−0.057 (0.5)	0.054 (0.6)	−0.036 (0.7)	0.021 (0.8)	−0.026 (0.6)	0.049 (0.6)	−0.07 (0.4)	−0.043 (0.6)	−0.038 (0.7)	0.033 (0.7)	−0.013 (0.9)	0.042 (0.6)	0.074 (0.4)	0.02 (0.8)	0.0093 (0.9)
MEmagenta	0.041 (0.7)	−0.036 (0.7)	0.027 (0.8)	−0.056 (0.5)	−0.0081 (0.9)	−0.02 (0.8)	0.064 (0.5)	−0.01 (0.9)	−0.0097 (0.9)	−0.035 (0.7)	0.027 (0.8)	0.0035 (1)	−0.0029 (1)	0.085 (0.4)	0.049 (0.6)	0.043 (0.6)
MElightgreen	0.011 (0.9)	−0.017 (0.9)	−0.033 (0.7)	0.046 (0.6)	0.055 (0.5)	−1e−04 (1)	−0.067 (0.5)	0.026 (0.8)	−0.024 (0.8)	−0.031 (0.7)	−0.067 (0.5)	−0.0022 (0.8)	−0.022 (0.8)	−0.077 (0.4)	0.014 (0.9)	−0.00043 (1)
MElightyellow	0.033 (0.7)	0.0024 (1)	−0.08 (0.4)	0.072 (0.4)	0.0074 (0.9)	0.035 (0.7)	−0.028 (0.8)	0.097 (0.3)	0.04 (0.7)	−0.027 (0.8)	−0.045 (0.6)	0.079 (0.4)	−0.026 (0.8)	0.00074 (1)	0.018 (0.8)	0.14 (0.1)
MEmidnightblue	0.018 (0.8)	−0.0053 (1)	−0.018 (0.8)	0.019 (0.8)	−0.02 (0.8)	0.011 (0.9)	−0.018 (0.8)	0.03 (0.7)	0.015 (0.9)	−0.012 (0.9)	−0.0074 (0.9)	−0.037 (0.7)	−0.015 (0.9)	−0.035 (0.7)	−0.0012 (1)	−0.0093 (0.9)
MEtan	0.008 (0.9)	−0.0029 (1)	−0.0042 (1)	0.038 (0.7)	0.03 (0.7)	−0.056 (0.5)	−0.069 (0.5)	−0.044 (0.6)	−0.029 (0.8)	0.012 (0.9)	−0.0033 (1)	−0.027 (0.8)	0.00019 (1)	−0.031 (0.7)	−0.0027 (1)	−0.032 (0.7)
MEbrown	0.043 (0.6)	−0.016 (0.9)	−0.037 (0.7)	0.034 (0.7)	0.012 (0.9)	0.03 (0.7)	−0.026 (0.8)	0.054 (0.6)	0.017 (0.9)	−0.033 (0.7)	−0.024 (0.8)	0.021 (0.8)	−0.025 (0.8)	−0.036 (0.7)	0.019 (0.8)	0.041 (0.7)
MEdarkred	0.033 (0.7)	−0.0066 (0.9)	−0.021 (0.8)	0.0065 (0.9)	−0.018 (0.8)	0.017 (0.9)	0.0088 (0.9)	0.039 (0.7)	0.028 (0.8)	−0.014 (0.9)	0.0068 (0.9)	0.051 (0.6)	−0.021 (0.8)	0.034 (0.7)	0.031 (0.7)	0.049 (0.6)
MEpink	0.061 (0.5)	0.011 (0.9)	−0.0073 (0.9)	0.059 (0.5)	0.12 (0.2)	0.032 (0.7)	−0.066 (0.5)	0.065 (0.5)	0.032 (0.7)	−0.015 (0.9)	−0.04 (0.7)	−0.0088 (0.9)	0.038 (0.7)	−0.11 (0.2)	−0.023 (0.8)	−0.071 (0.4)
MEcyan	0.021 (0.8)	−0.0038 (1)	0.01 (0.9)	0.025 (0.8)	0.034 (0.7)	−0.12 (0.2)	−0.085 (0.4)	−0.063 (0.5)	−0.038 (0.7)	0.019 (0.8)	−0.02 (0.8)	0.093 (0.3)	−0.058 (0.5)	0.022 (0.8)	0.026 (0.8)	−0.038 (0.7)
MEroyalblue	−0.038 (0.7)	−0.057 (0.5)	−0.095 (0.3)	0.077 (0.4)	−0.035 (0.7)	0.032 (0.7)	−0.04 (0.7)	0.087 (0.3)	0.047 (0.6)	−0.081 (0.4)	0.0023 (1)	0.051 (0.6)	−0.035 (0.7)	0.049 (0.6)	−0.012 (0.9)	0.14 (0.1)
MEblack	−0.096 (0.3)	−0.0028 (1)	0.018 (0.8)	0.019 (0.8)	−0.011 (0.9)	−0.027 (0.8)	−0.027 (0.8)	−0.024 (0.8)	0.053 (0.6)	0.017 (0.9)	0.08 (0.4)	0.023 (0.8)	−0.015 (0.9)	0.003 (1)	−0.046 (0.6)	−0.08 (0.4)
MEgrey60	0.019 (0.8)	0.0092 (0.9)	0.01 (0.9)	0.014 (0.9)	0.013 (0.9)	−0.05 (0.6)	−0.039 (0.7)	−0.038 (0.7)	−0.016 (0.9)	0.024 (0.8)	0.0013 (1)	0.0083 (0.9)	−0.019 (0.9)	−0.00056 (1)	7e−04 (1)	−0.043 (0.6)
MElightcyan	0.013 (0.9)	3.2e−05 (1)	−0.015 (0.9)	−0.0085 (0.9)	−0.038 (0.7)	0.039 (0.7)	0.045 (0.6)	0.023 (0.8)	0.013 (0.9)	−0.0085 (0.9)	0.018 (0.8)	−0.052 (0.6)	0.0046 (1)	−0.012 (0.9)	0.023 (0.8)	0.023 (0.8)
MEred	0.017 (0.9)	−0.00091 (1)	−0.029 (0.8)	0.0073 (0.9)	−0.023 (0.8)	0.045 (0.6)	0.02 (0.6)	0.042 (0.6)	0.028 (0.8)	−0.018 (0.8)	0.00047 (1)	−0.014 (0.9)	0.011 (0.9)	−0.04 (0.7)	−0.0091 (0.9)	0.033 (0.7)
MEdarkgreen	0.043 (0.6)	−0.016 (0.9)	−0.053 (0.6)	0.031 (0.7)	−0.03 (0.7)	−0.024 (0.8)	−0.037 (0.7)	0.014 (0.9)	0.026 (0.8)	−0.014 (0.9)	0.023 (0.8)	0.083 (0.4)	−0.05 (0.6)	0.013 (0.9)	0.022 (0.8)	0.028 (0.8)
MEgreen	0.03 (0.7)	0.038 (0.7)	0.052 (0.6)	0.076 (0.4)	−0.0061 (0.9)	0.02 (0.8)	−0.01 (0.9)	−0.0098 (0.9)	0.25 (0.006)	0.086 (0.4)	0.27 (0.002)	0.058 (0.5)	−0.015 (0.9)	0.056 (0.5)	−0.21 (0.02)	−0.15 (0.1)
MEgreenyellow	0.0044 (1)	0.037 (0.7)	0.028 (0.8)	0.057 (0.5)	−0.068 (0.5)	0.019 (0.8)	0.0033 (1)	0.015 (0.9)	0.25 (0.007)	0.076 (0.4)	0.26 (0.005)	0.08 (0.4)	−0.037 (0.7)	0.069 (0.5)	−0.15 (0.1)	−0.1 (0.3)
MEyellow	0.023 (0.8)	0.049 (0.6)	0.053 (0.6)	0.053 (0.6)	−0.026 (0.8)	0.026 (0.8)	0.0042 (1)	0.011 (0.9)	0.26 (0.004)	0.089 (0.3)	0.26 (0.005)	0.089 (0.3)	−0.034 (0.7)	0.07 (0.4)	−0.14 (0.1)	−0.12 (0.2)
MEgrey	0.005 (1)	0.013 (0.9)	−0.057 (0.5)	0.046 (0.6)	−0.055 (0.5)	−0.00087 (1)	−0.052 (0.6)	0.063 (0.5)	0.067 (0.5)	0.0049 (1)	0.011 (0.9)	0.047 (0.6)	−0.067 (0.5)	−0.016 (0.9)	−0.029 (0.7)	0.019 (0.8)