SUPPLEMENTARY TABLES

Supplementary Table 1. Primer sequences for qRT-PCR analysis.

Gene symbol	Forward	Reverse	Accession number
MAP3K15	CCTTCTACGACGCAGATGTTG	GCATCGGTGTCATGGTACAAGA	NM_001001671
CHRM2	AACTCCTCTAACAATAGCCTGGC	GTTCCCGATAATGGTCACCAAA	NM_000739
GALNT13	TTGCCCTTAATAGAAGTCTGCCA	TGGGGAACGATTTATCACACTG	NM_052917
COL17A1	ACCAGCAATGGCTATGCTAAAA	GCCTCGTGTGCTTCCAGTT	NM_000494
EDA2R	TCCAAGGATTGTGGTTATGGAGA	AGCACAGGTGATGCAACTCTG	NM_021783

Supplementary Table 2. Results of multiple linear regression analysis of 5 genes associated with aging .

Model Summary[b]

Model	R	R square	Adjusted R square	Standard error of the estimate	Durbin-Watson
1	0.743[a]	0.552	0.516	10.716	0.960

a. Predictors: (Constant), EDA2R, CHRM2, COL17A1, MAP3K15, GALNT13.

b. Dependent variable: Age.

ANOVA[a]

Model		Sum of squares	df	Mean square	F	Sig.
1	Regression	8783.068	5	1756.614	15.298	0.000[b]
	Residual	7119.402	62	114.829		
	Total	15902.471	67			

a. Dependent variable: Age.

b. Predictors: (Constant), EDA2R, CHRM2, COL17A1, MAP3K15, GALNT13.

Coefficients[a]

Model		Unstandardized coefficients		Standardized coefficients	t	Sig.	Collinearity statistics	
		B	Std. error	Beta			Tolerance	VIF
1	(Constant)	53.153	4.946		10.747	0.000		
	MAP3K15	0.021	4.733	0.001	0.004	0.997	0.504	1.984
	CHRM2	-1.822	2.736	-0.069	-0.666	0.508	0.676	1.479
	GALNT13	-6.203	4.538	-0.188	-1.367	0.177	0.380	2.628
	COL17A1	0.037	0.111	0.031	0.335	0.738	0.837	1.195
	EDA2R	43.459	8.211	0.581	5.293	0.000	0.600	1.668

a. Dependent variable: Age.

Abbreviation: VIF, Variance inflation factor; Std., Standard; Sig., Significance.

Supplementary Table 3. Results of multiple linear regression analysis of 5 genes associated with aging with adjustment for history of smoking and gender.

			Model Summary[b]		
Model	**R**	**R square**	**Adjusted R square**	**Standard error of the estimate**	**Durbin-Watson**
1	0.772[a]	0.596	0.549	10.342	1.140

a. Predictors: (Constant), EDA2R, CHRM2, COL17A1, MAP3K15, GALNT13, History of smoking, Gender.

b. Dependent variable: Age.

		ANOVA[a]				
Model		**Sum of squares**	**df**	**Mean square**	**F**	**Sig.**
1	Regression	9484.607	7	1354.944	12.667	0.000[b]
	Residual	6417.863	60	106.964		
	Total	15902.471	67			

a. Dependent variable: Age.

b. Predictors: (Constant), EDA2R, CHRM2, COL17A1, MAP3K15, GALNT13, History of smoking, Gender.

	Coefficients[a]						
Model	**Unstandardized coefficients**		**Standardized coefficients**	**t**	**Sig.**	**Collinearity statistics**	
	B	**Std. error**	**Beta**			**Tolerance**	**VIF**
(Constant)	57.028	5.978		9.539	0.000		
MAP3K15	1.125	4.590	0.028	0.245	0.807	0.499	2.004
CHRM2	-0.344	2.704	-0.013	-0.127	0.899	0.645	1.551
GALNT13	-9.289	4.543	-0.282	-2.045	0.045	0.354	2.827
COL17A1	-0.007	0.109	-0.006	-0.064	0.949	0.804	1.243
EDA2R	46.831	8.081	0.626	5.795	0.000	0.577	1.734
History of smoking	-7.636	3.667	-0.246	-2.082	0.042	0.483	2.070
Gender	-0.879	3.625	-0.028	-0.242	0.809	0.507	1.973

(Model column: 1)

a. Dependent variable: Age.

Abbreviation: VIF, Variance inflation factor; Std., Standard; Sig., Significance.