

Supplementary Materials: Upregulation of FLG, LOR, and IVL Expression by *Rhodiola crenulata* Root Extract via Aryl Hydrocarbon Receptor: Differential Involvement of OVOL1

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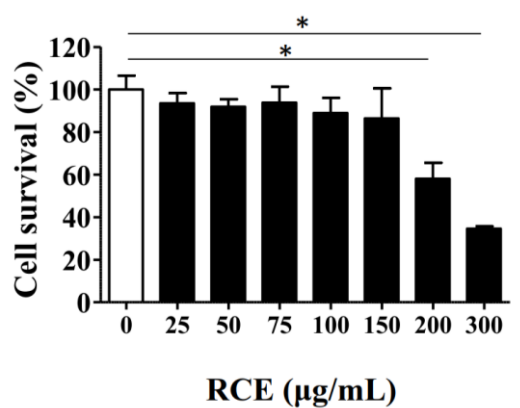


Figure S1. Cell viability analysis of normal human epidermal keratinocytes (NHEKs) is performed using a WST-1 assay (Takara Bio). NHEKs are treated with various concentrations of RCE (0, 25, 50, 75, 100, 150, 200, and 300 mg/mL) for 24 h. The formazan dye produced by viable cells is quantified by measuring the absorbance at $\lambda = 450$ nm. Data are shown in mean \pm SEM. *: $p < 0.05$ ($n = 3$ for each group).

Table S1. Primers for qRT-PCR.

Gene	Forward Primer	Reverse Primer
OVOL1	5'-ACGATGCCCATCCACTACCTG-3'	5'-TTTCTGAGGTGCTGGTCATCATT-3'
FLG	5'-CATGGCAGCTATGGTAGTGCAGA-3'	5'-ACCAAACGCACTTGCTTTACAGA-3'
LOR	5'-GAGTTGGAGGTGTTTTCCAGGG-3'	5'-GCAGAACTAGATGCAGCCGGA-3'
IVL	5'-TAACCACCCGCAGTGTCCAG-3'	5'-ACAGATGAGACGGGCCACCTA-3'
CYP1A1	PPH01271E (SABiosciences)	
β -actin	5'-ATTGCCGACAGGATGCAGA-3'	5'-GAGTACTTGCGCTCAGGAGGA-3'