



**Supplementary Figure S1.** (A) The cells were treated using 0, 0.1, 1, 10, 100, 1,000 μmol/L P165 for 24 h; the cell viability was obtained by CCK8 kit. (B) The cells were irradiated with a wide range of irradiation dose exhibited by UVB, and the cell viability was obtained by CCK8 kit. (C) P165 increased the viability of UVB-irradiated HaCaT cells, and the cell viability was obtained by CCK8 kit. (D) HaCaT cells in P165 treatment group were changed in term of the number, volume and intercellular space. The results are expressed as the mean ± SD. ###*P* < 0.001 vs. NC group; \*\**P* < 0.01, \*\*\**P* < 0.001 vs. no P165 treatment group (A), no UV irradiation group (B) and UV group (C).