



Supplementary Figure 1. N-acetyl-L-cysteine (NAC) prevented ultraviolet-B (UV-B) exposure-induced impairment in the capacities of ESCs. Cells were exposed to UV-B (50 mJ/cm²) with or without NAC (0.25, and 0.5 mM) for 24 h. mRNA of *integrin β 1* and *Krt19* was measured by real-time PCR analysis (***, P<0.001 vs. vehicle control; ##, ###, P<0.01, 0.001 vs. UV-B group, n=4).