Figure S1. The experimental procedure. ADSCs, adipose-derived stem cells; NUA, mice treated with narrow band ultraviolet B and adipose-derived stem cells together; NUAM, vitiligo model treated with NB-UVB/ADSCs and Nrf2 inhibitor ML385; Con, mice were treated with Vaseline only; NB-UVB, narrow band ultraviolet B.

ADSCs isolated from the Adipose tissues in the inguinal fat pads of mice itself in NUA and NUAM group

Mice were euthanized; Tissue and blood were collected.

0 day 14 days 30 days 50 days

40% monobenzene cream was massaged twice a day for 50 days using a spatula on a 2×2 cm² shaved area on the backs of the mice. The mice in the Con group were treated with 50 ml Vaseline.

Mice in the Con and VIT group were treated with 50 ml Vaseline; The mice in the NUA group were treated with NB-UVB/ADSCs group; The mice in the NUAM were treated with NB-UVB/ADSCs and NRF2 inhibitor ML385. The treatment was performed every other day.