



*Fig. S2.* Ultrastructural details of melanocytes in ethnicity-matched normal skin: Three representative micrographs of melanocytes (M, at the dermal–epidermal junction) containing melanosomes in the ethnicity matched normal skin (vertical panel 1, 2 and 3). Horizontal panel a) shows the melanocytes at dermal–epidermal junction at low magnification (scale bar 1  $\mu$ m). Horizontal panel b) shows magnified view of the melanocytes (scale bar 0.2  $\mu$ m). The authors are thankful to the transmission electron microscopy (TEM) facility at CSIR – Institute of Genomics and Integrative Biology. The authors acknowledge Dr. Rajesh S. Gokhale, CSIR-IGIB, for suggestions. The authors thank Mahendra Pratap Singh for his help in acquiring TEM micrographs. *Funding source:* This work is supported by program support grant by Council of Scientific and Industrial Research, India (BSC0302) and INSPIRE faculty grant (IFA12-LSBM-35) from Department of Science and Technology, India.