Supplemental Figure 3. LCE expression in stratifying epidermis in reconstructed skin

(A) Relative mRNA expression levels of LCE genes in epidermal sheets from skin constructs. Adult human keratinocytes were seeded on a de-epidermized dermis, and cultured for three days submerged, followed by 0, 3, 6, 9, 12 or 15 days culturing at the air-liquid interphase. All values were expressed relative to LCE1A at day 0, which was set at unity, to allow comparison of the expression levels between genes. Mean and SD. (B) Immunohistochemical staining with an anti-LCE2 antibody on sections of reconstructed skin at different time points during the process of epidermal stratification. Bar = 50 μm.