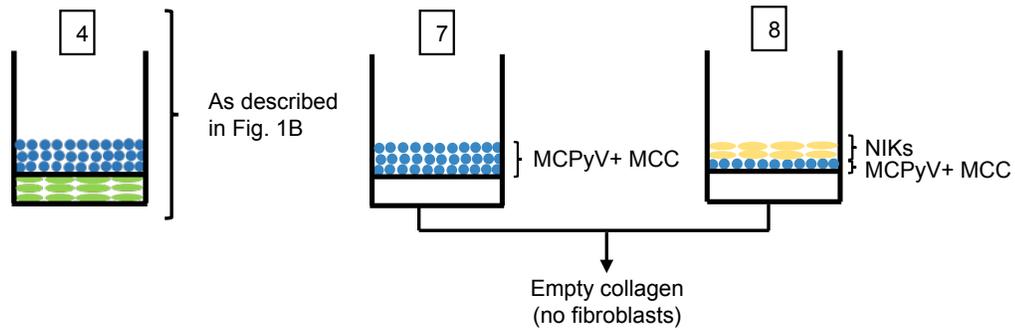
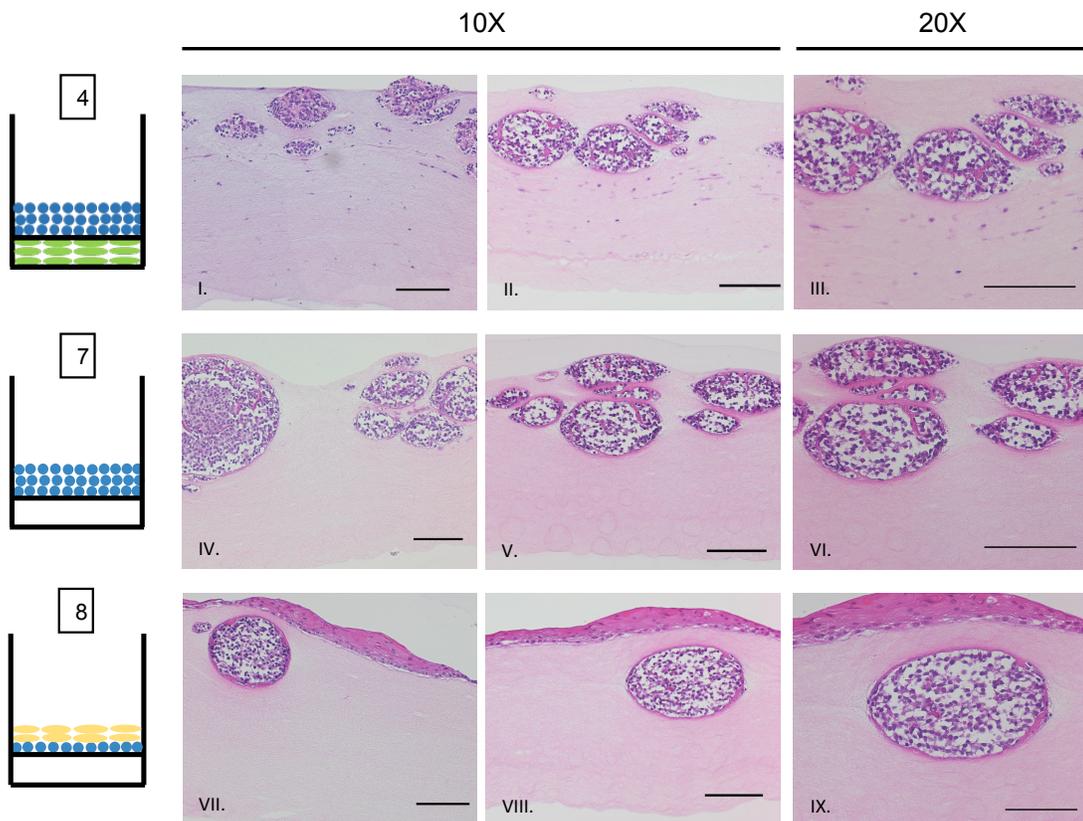


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Supp 1A.

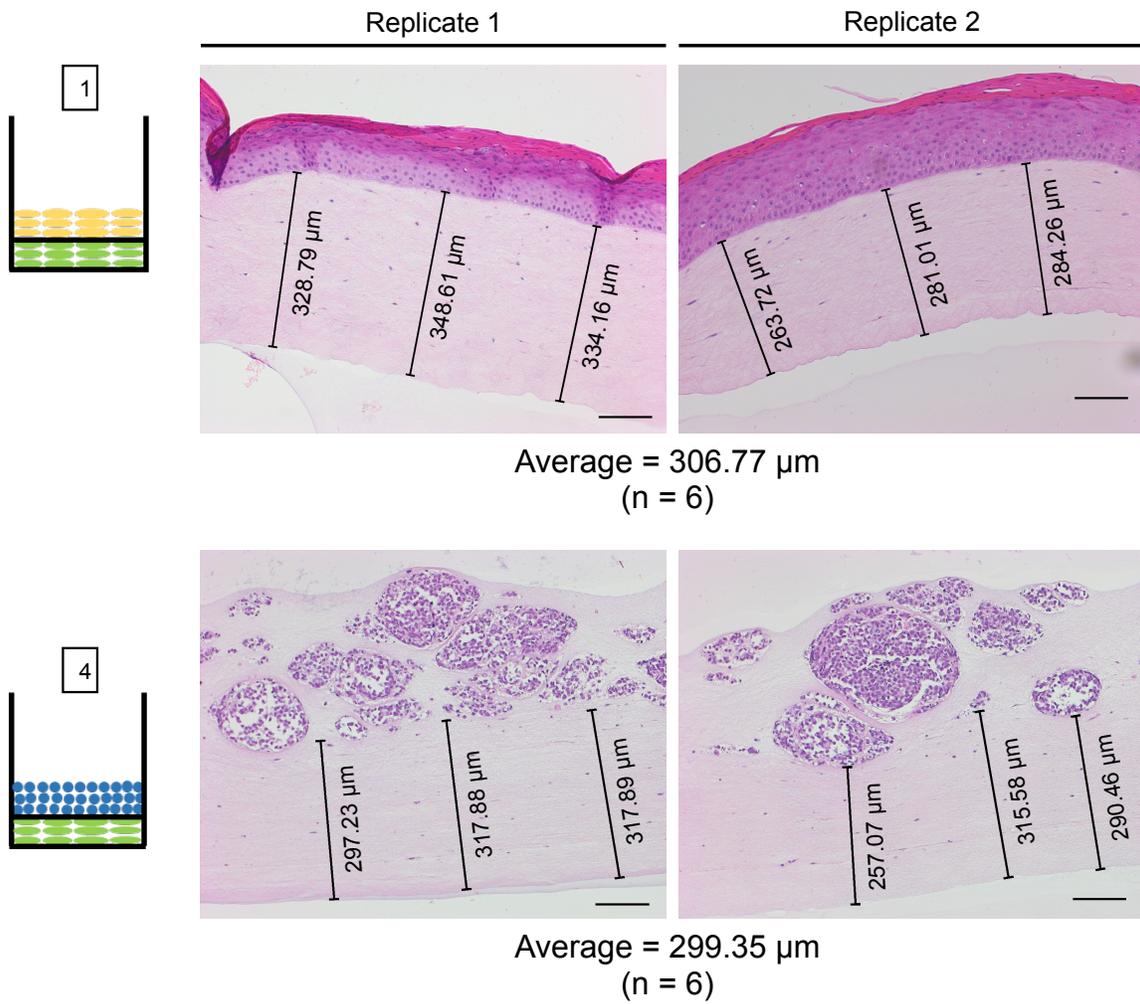


Supp 1B.



Supplemental Figure 1: Organotypic rafts without EF-1-F fibroblasts. A) Experimental organization/setup of rafts generated without EF-1-F fibroblasts. Cell types included in the various raft setups include NIKs keratinocytes (yellow), EF-1-F fibroblasts (green), and MCPyV+ MCC cells in collagen (blue). B) Representative H&E images of rafts generated from Setup 4, 7 and 8. Each raft setup is shown on the left and cell types are represented using the symbols outlined in Main Figure Figure 1B. H&E-stained images are shown with 10X magnification in first two columns (representative images of two replicate rafts per each condition - panels i,ii, iv, v, vii, viii) and 20X magnification of histology in the rightmost column of one of those replicates (panels ii, vi, ix). All scale bars = 100 μ M.

Supp 2.



Supplemental Figure 2: Comparison of dermal equivalent thickness Measured dermal equivalents comparing rafts from Setup 1 (top) and Setup 4 (bottom). Measurements were taken from each replicate. All scale bars = 100 μm .