**Supplementary Figure S5.**

Imunoconfocal microscopy for p63 (*red*) expressed by normal oral mucosa (A), cultivated oral mucosal epithelial cells (OMECs) (D), and corneal tissues from Patients 1 (B), 2 (E), 3 (C), and 4 (F). Cell nuclei were counter-stained with DAPI (*blue*). Reacting to A4A monoclonal antibody, the nuclear pan-p63 signals were found in the basal keratinocytes lining the papilla and ridge of oral mucosa (A), as well as in the basal layer of cultivated OMECs (B). Not only pan-p63 signals were positive in all four corneal specimens (B, E, C, and F), but also in areas with more stratification, two to five layers of p63-positive staining can be seen (F).