Supplementary Figure S6.

Immunoconfocal microscopy for ABCG2 (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). Cytoplasmic ABCG2 staining was mainly limited to the basal layer in normal oral mucosa (A), whereas full-thickness ABCG2 expression could be observed in some areas of cultivated OMECs (D). ABCG2 staining was not limited only to the basal layer in Patients 1 to 3 (B, E, and C). In contrast, in Patient 4 the ABCG2 staining was weak and sporadic (F).