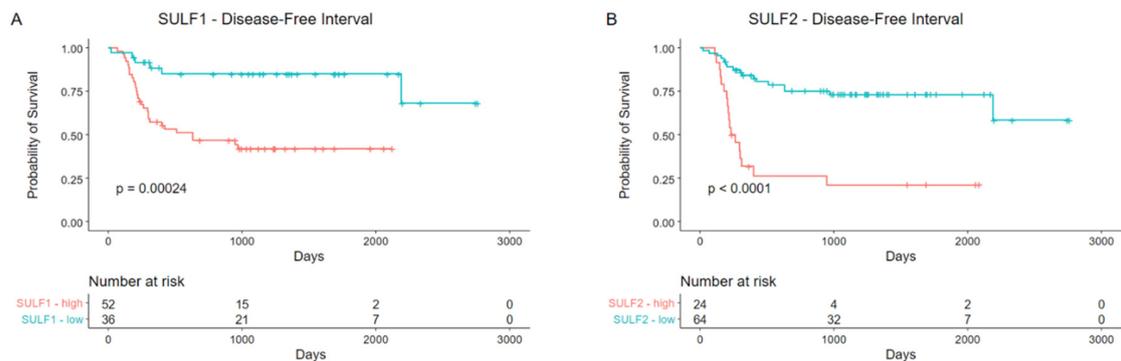
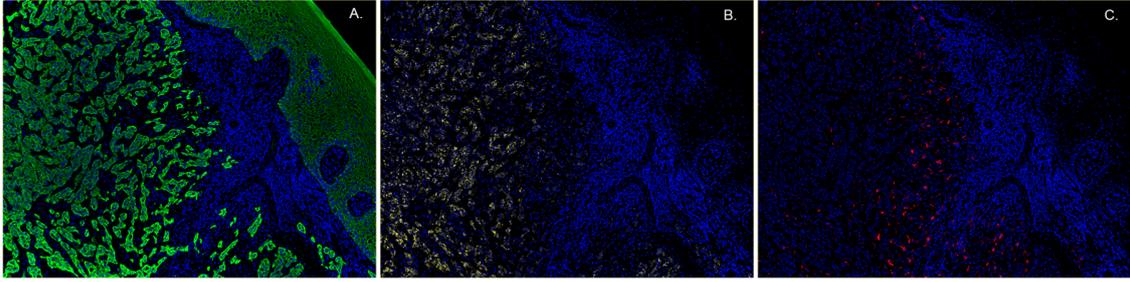


**Supplemental Figure S1.** A. SULF1 and B. SULF2 mRNA expression in cancer cell lines from the cancer cell-line encyclopedia (CCLE).



**Supplemental Figure S2.** Disease free survival of HNSC patients (n=88) based on the following: A. SULF1 expression; B. SULF2 expression.



**Supplemental Figure S3.** mIHC and RNAScope of the OSCC tumor in Figure 6 displayed in three individual channels as follows: A. Cytokeratin (green) and DAPI (blue); B. SULF2 (yellow) and DAPI (blue); and C. SULF1 (red) and DAPI (blue).