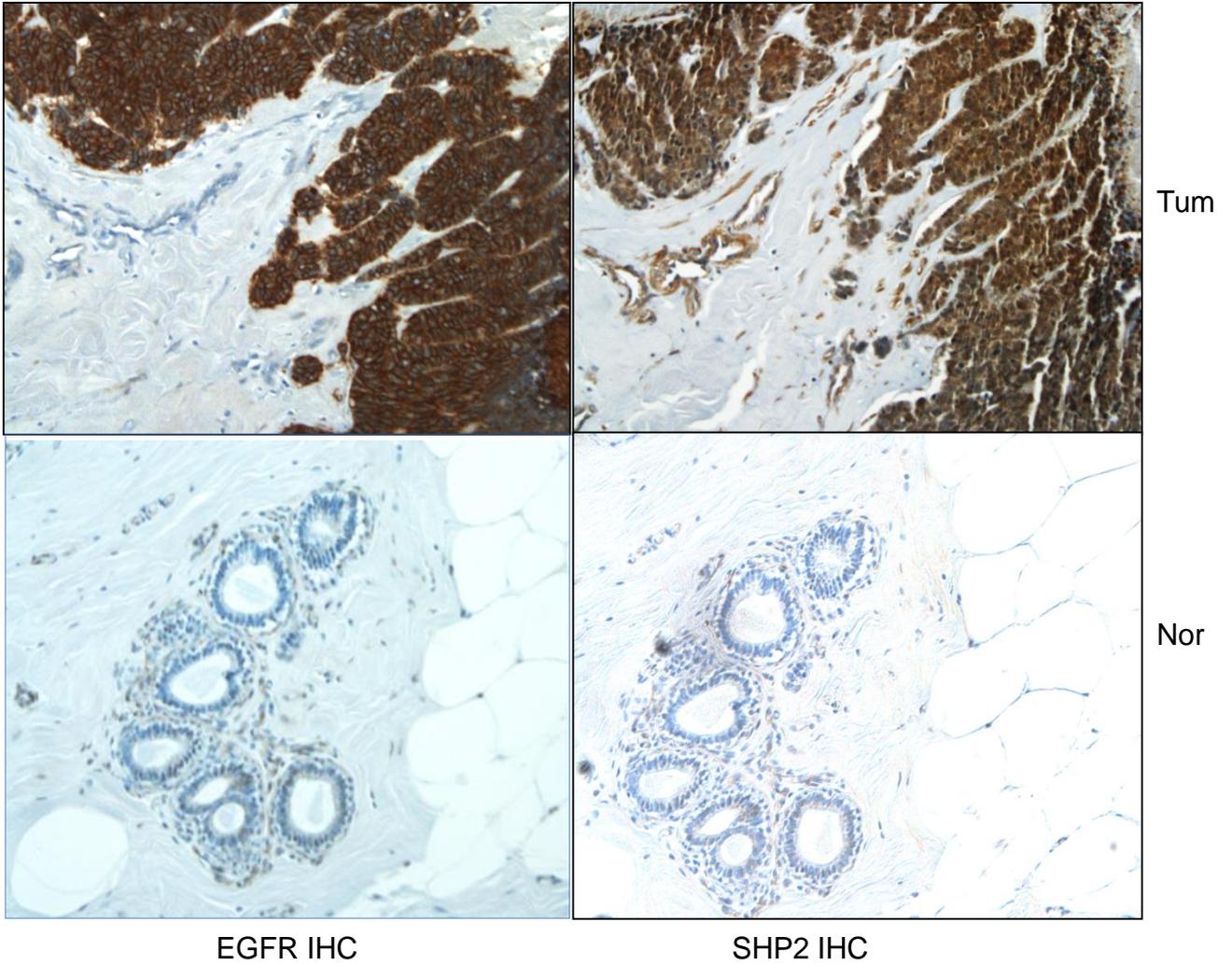
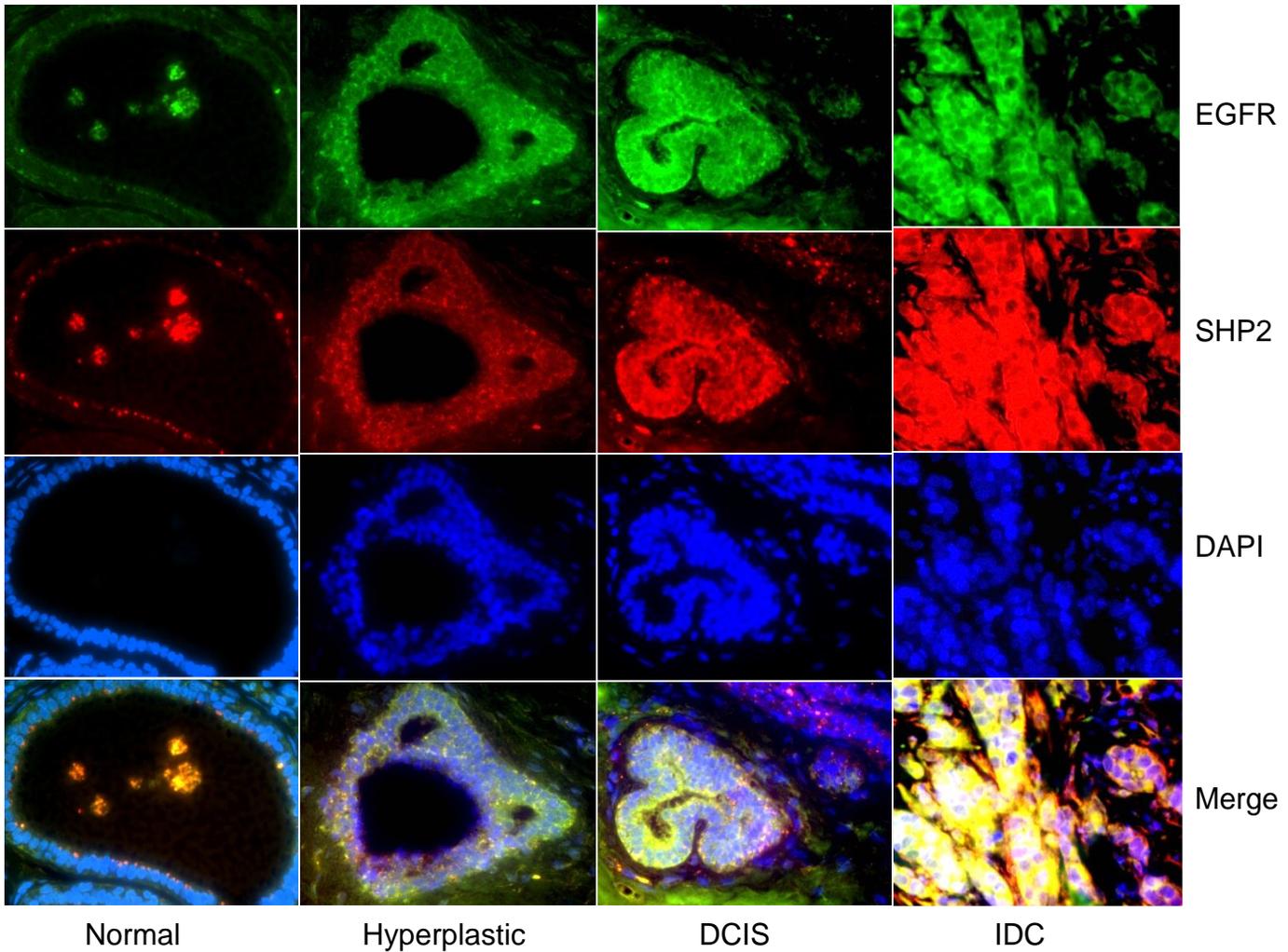


A



Supplementary Figure 4A: EGFR and SHP2 IHC staining of a BTBC case. As shown, the tumor (Tum) is 3+ for both SHP2 and EGFR, while the corresponding normal (Nor) tissue is negative for both proteins.

B

Supplementary Figure 4B: Immunofluorescence (IF) staining of a BTBC tumor section. The expression of EGFR and SHP2 was analyzed by co-staining. As shown, the IF intensity was low in the normal region, medium in the hyperplastic, and higher in the DCIS (ductal carcinoma *in situ*) and IDC (infiltrating ductal carcinoma) regions.