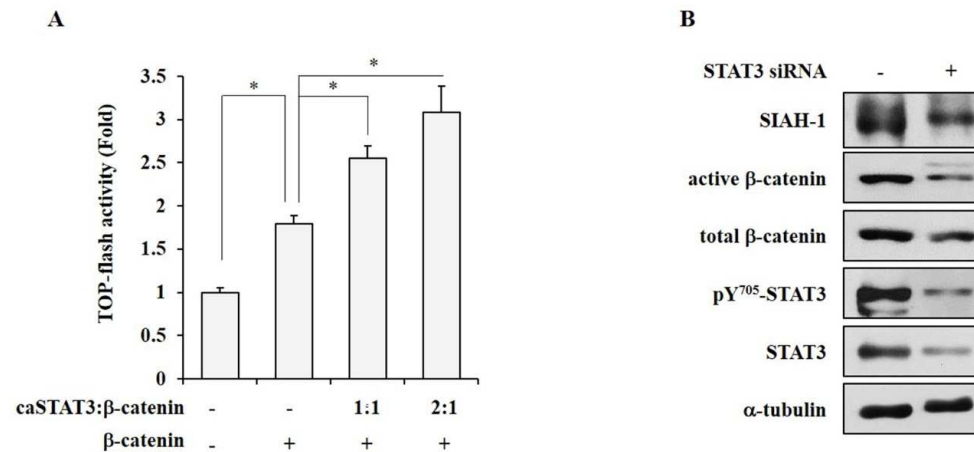


Supplementary Figure 1.



Supplementary Figure 1. Positive correlation between STAT3 and β-catenin in breast cancer cells

(A) MCF-7 cells, which are STAT3-inactivated breast cancer cells, were transfected with caSTAT3 and β-catenin. After 24 h of incubation, cells were subjected to a luciferase reporter assay. β-gal activity was used to normalize the transfection efficiency. Data are shown as the mean ± SD, * $P < 0.01$.

(B) MDA-MB231 cells, which are breast cancer cells that contain high levels of activated STAT3, were transfected with STAT3 siRNA (100 nM). After 24 h of transfection, cells were harvested, and the proteins were extracted in RIPA buffer for Western blotting.