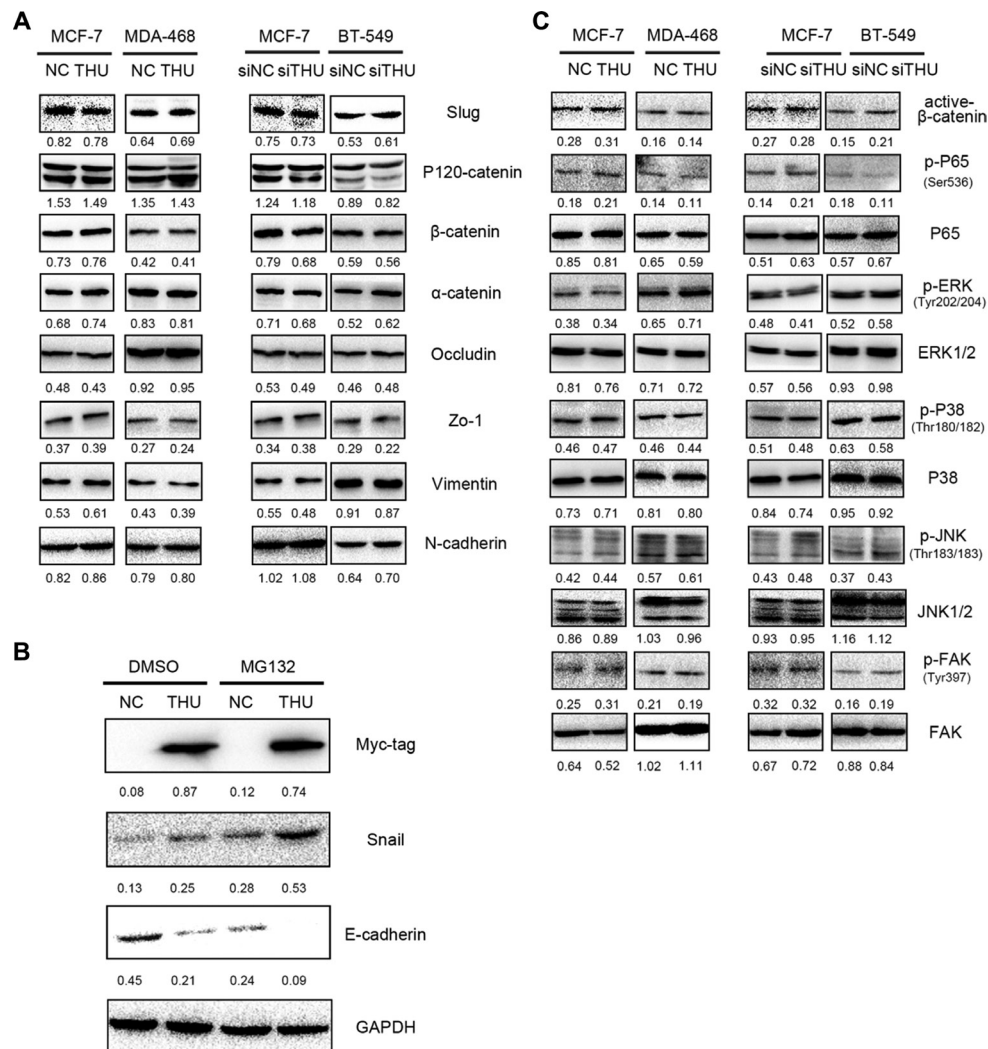


Cytosolic THUMPD1 promotes breast cancer cells invasion and metastasis via the AKT-GSK3-Snail pathway

Supplementary Materials



Supplementary Figure 1: Thumpd1 decreased E-cadherin via AKT-GSK3 β -Snail pathway. (A) Overexpressing THUMPD1 did not alter the expression of Slug, P120-catenin, β -catenin, α -catenin, Occludin, Zo-1, Vimentin and N-cadherin, the levels of these proteins showed no significant changes after interfering THUMPD1 by siRNA. (B) When a proteasome inhibitor (10 μ M MG132) is added to the culture medium, the effects of transfection on the expression of Snail are diminished or abolished, and there is a corresponding decrease in E-cadherin. (C). The key signaling proteins involved in stabilizing Snail had no obvious changes by regulating THUMPD1.