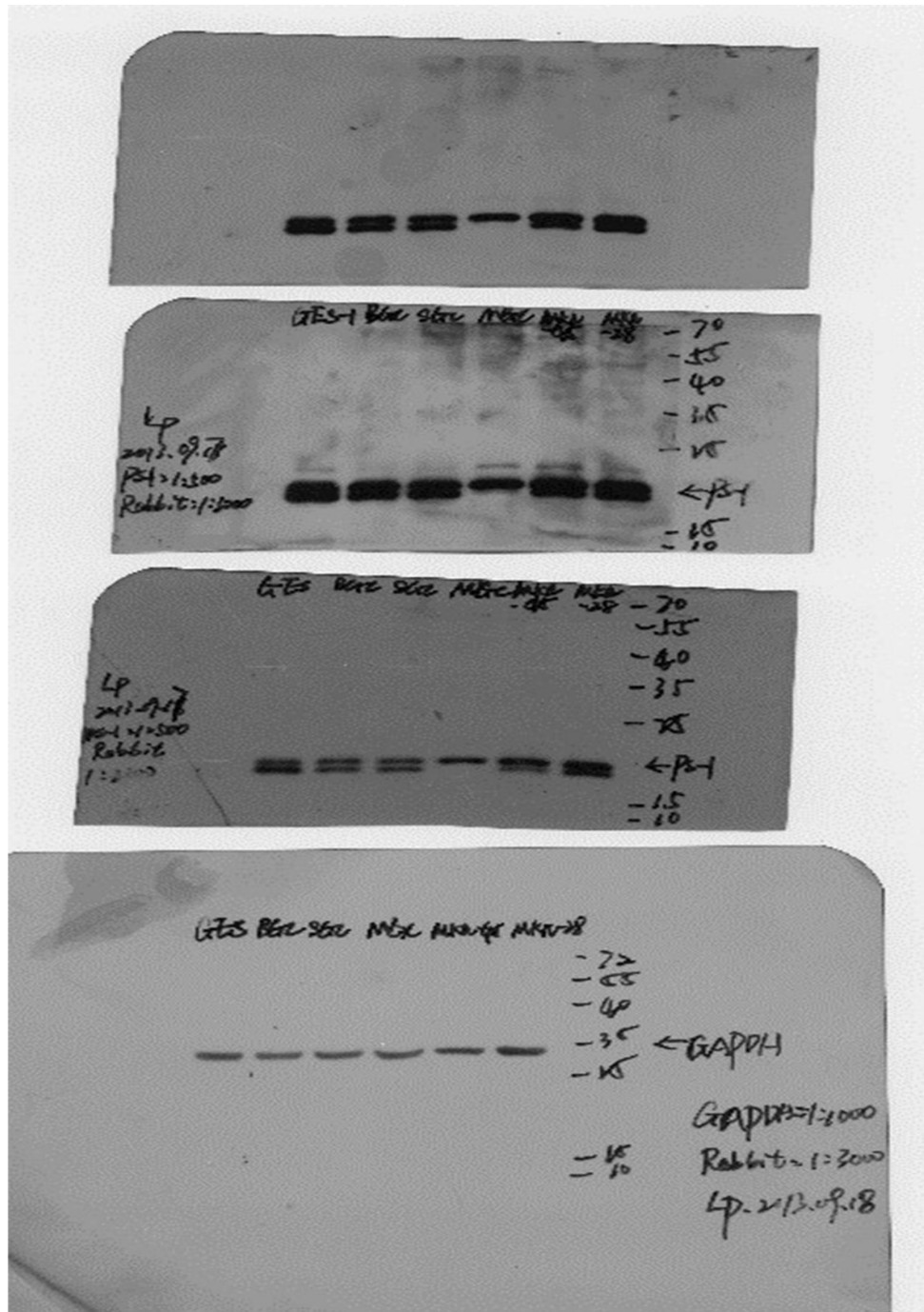
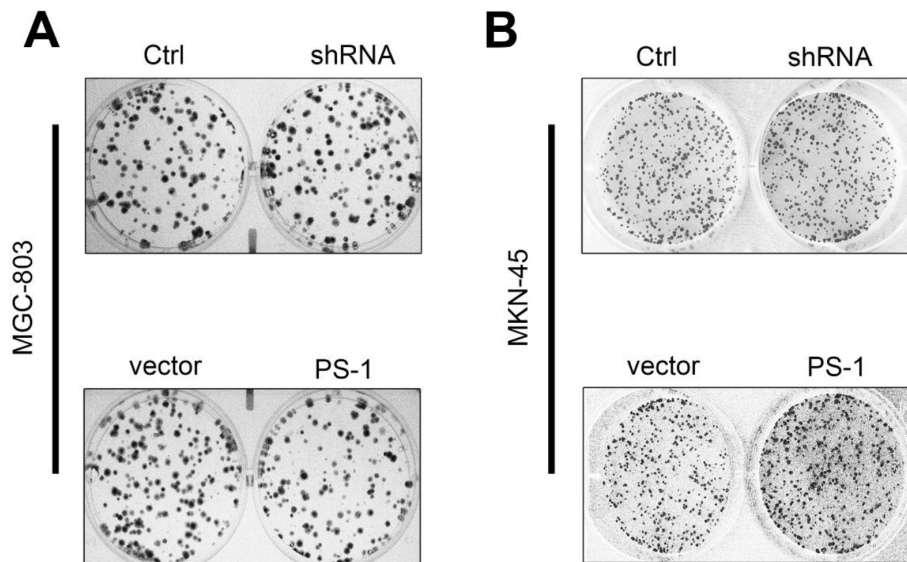


The expression of presenilin 1 enhances carcinogenesis and metastasis in gastric cancer

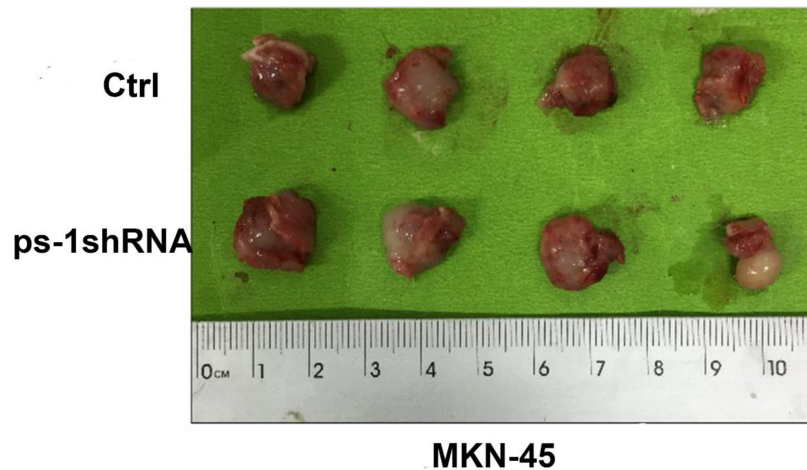
Supplementary Materials



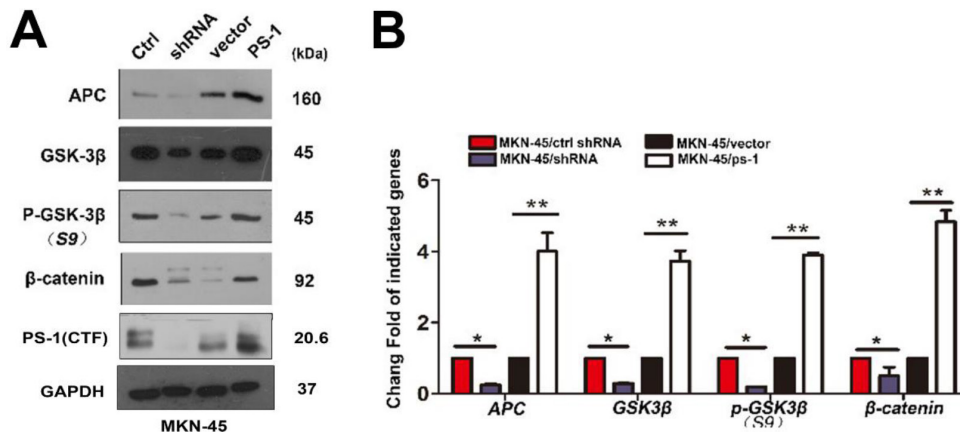
Supplementary Data 1: The photographic plate of the expression level of PS-1(CTF) in different gastric cancer cell lines.



Supplementary Data 2: Effects of PS-1 on cell proliferation in human GC cells. (A) and (B) The plate colony formation assay showed no significant difference of knockdown and overexpression PS-1.



Supplementary Data 3: Xenograft model shows no significant difference of silencing PS-1 in tumor growth ($p > 0.05$).



Supplementary Data 4: Western blot analysis of APC, GSK3β, phospho-GSK3β (S9), β-catenin in MKN-45. Under silence and overexpression of PS-1, the expression levels of APC, GSK3β, phospho-GSK3β (S9) and β-catenin were detected via western-blot in (A), the quantification of these proteins was analyzed via densitometry shown in (B).