

Supplementary Materials: The overexpression of CARM1 Promotes Human Osteosarcoma Cell Proliferation through the pGSK3 β / β -Catenin/cyclinD1 Signaling Pathway

Shijie Li^{1,†}, Dongdong Cheng^{1,†}, Bin Zhu¹, Qingcheng Yang^{1,*}

Figure S1

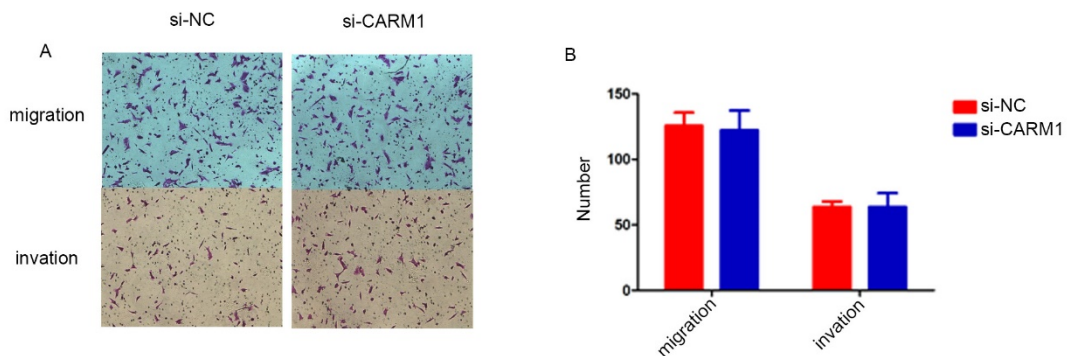


Figure S1: Decreased expression of *CARM1* in MNNG/HOS cells did not influence cell migration and cell invasion.

Figure S2

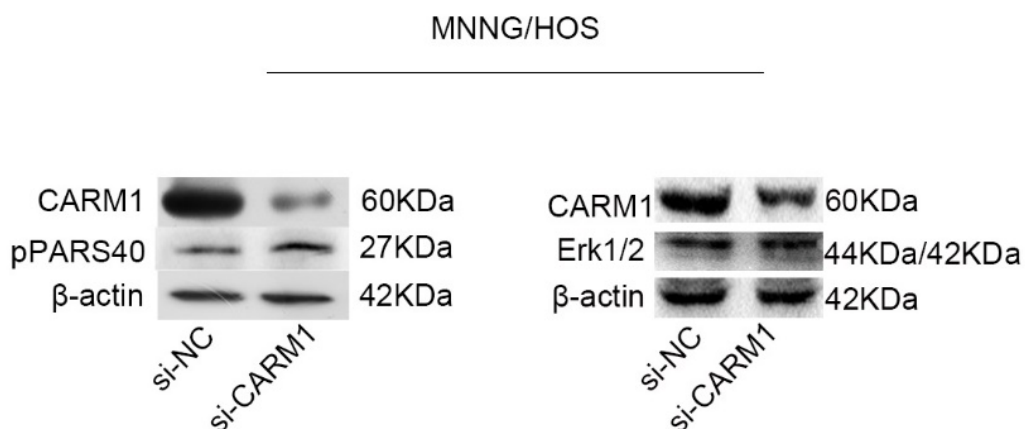


Figure S2: Western blot assay showed that Erk1/2 (Thr202/Tyr204) and PARS40

(Thr246) expression did not decreased when CARM1 expression was decreased by si-CARM1.

Figure S3

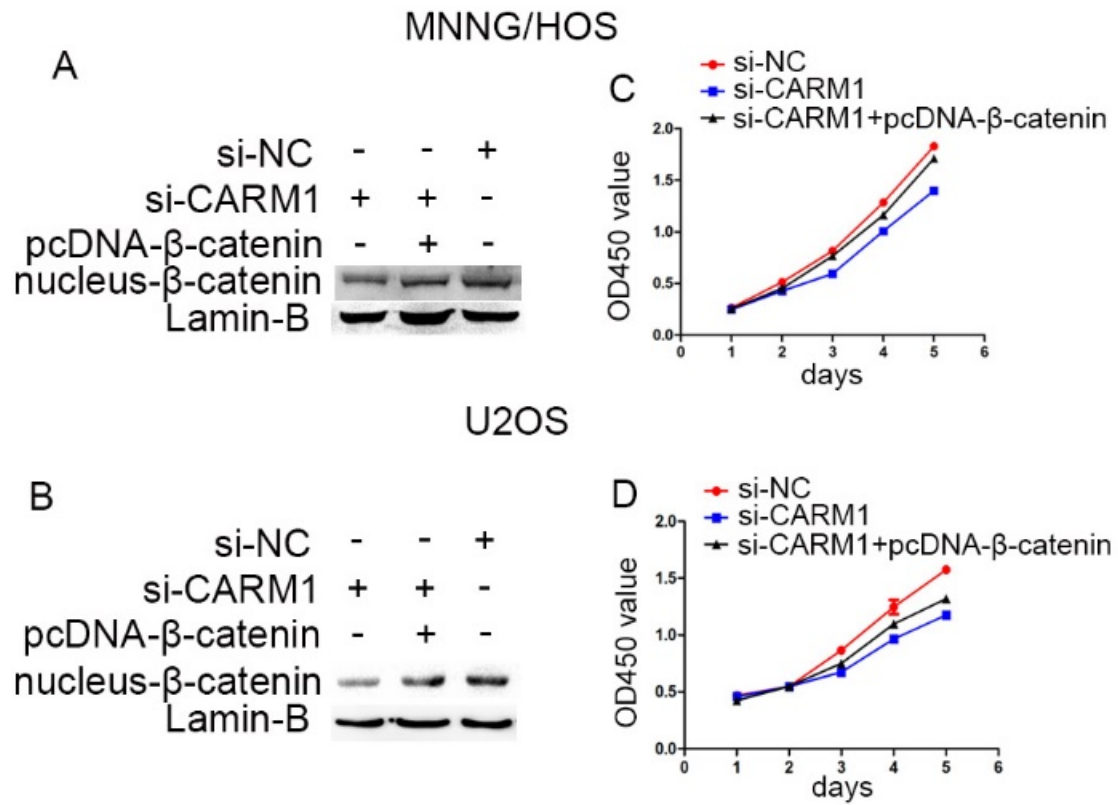


Figure S3: Overexpression of β -catenin could rescue the proliferation of si-CARM1 targeted OS cell lines. (A, B) MNNG/HOS and U2OS were treated with si-NC, si-CARM1, or si-CARM1 and pcDNA- β -catenin. The protein expression levels of nucleus- β -catenin was detected by western blot. (C, D) overexpression of β -catenin could rescue the proliferation of si-CARM1 targeted MNNG/HOS and U2OS cell lines.