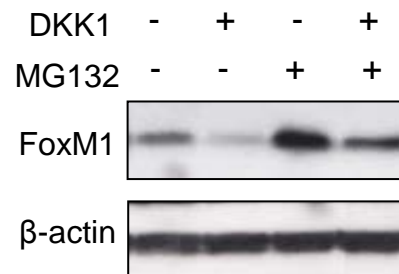
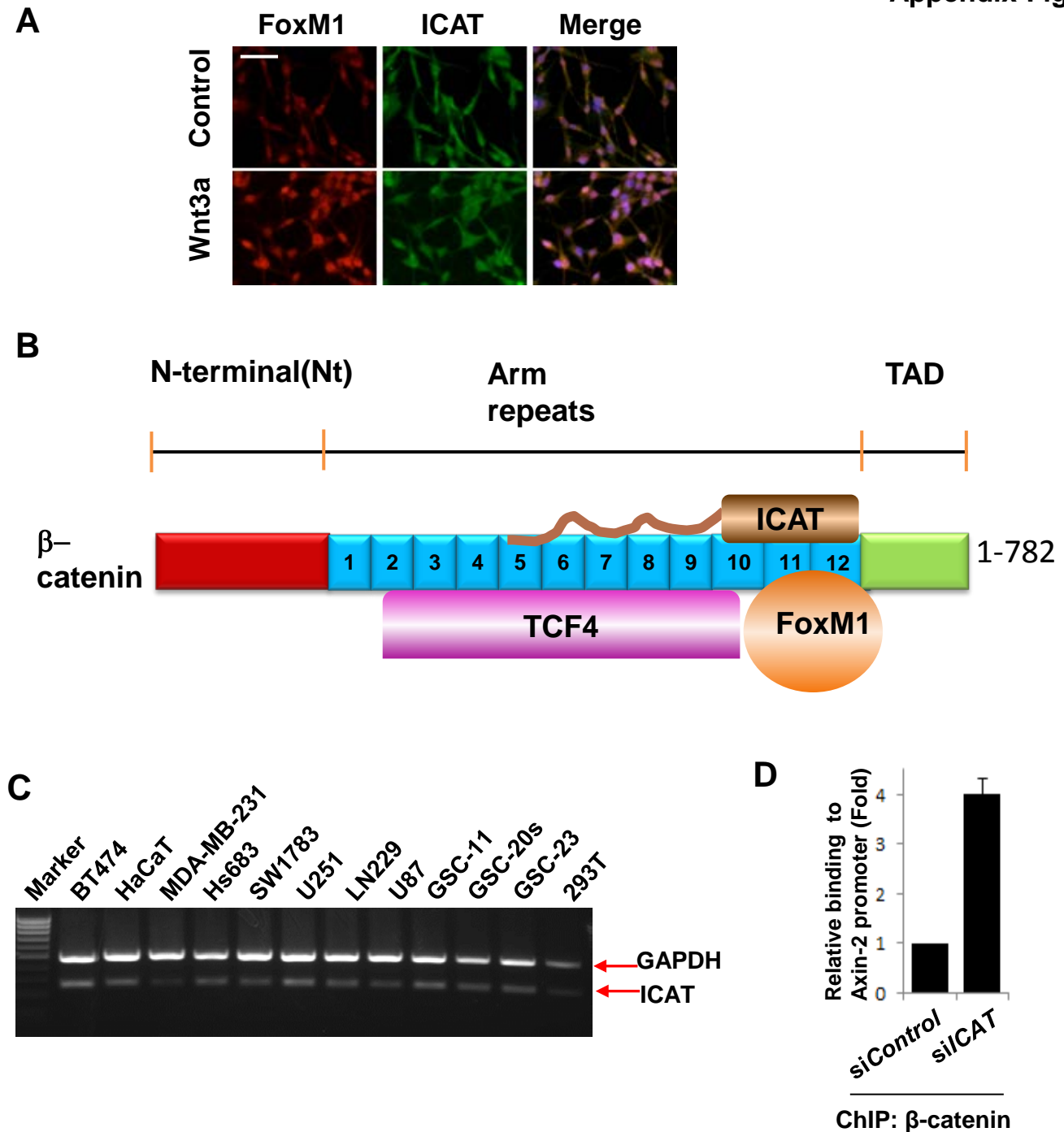


Appendix Figure S1. Wnt regulates the stability of FoxM1 related to Figure 1
(A) U87 cells were treated with Wnt3a (50 ng/ml) or control PBS for 6 hr, and FoxM1 expression levels were determined by real-time RT-PCR.



Appendix Figure S2. Ubiquitin proteasome pathway is involved in Wnt signaling-mediated FoxM1 stability, related to Figure 2

LN229 cells were treated with Wnt inhibitor DKK1 (100 ng/ml) and/or MG132 (25 nM) for 4 hr. Levels of FoxM1 in the cells were then analyzed by Western blotting.



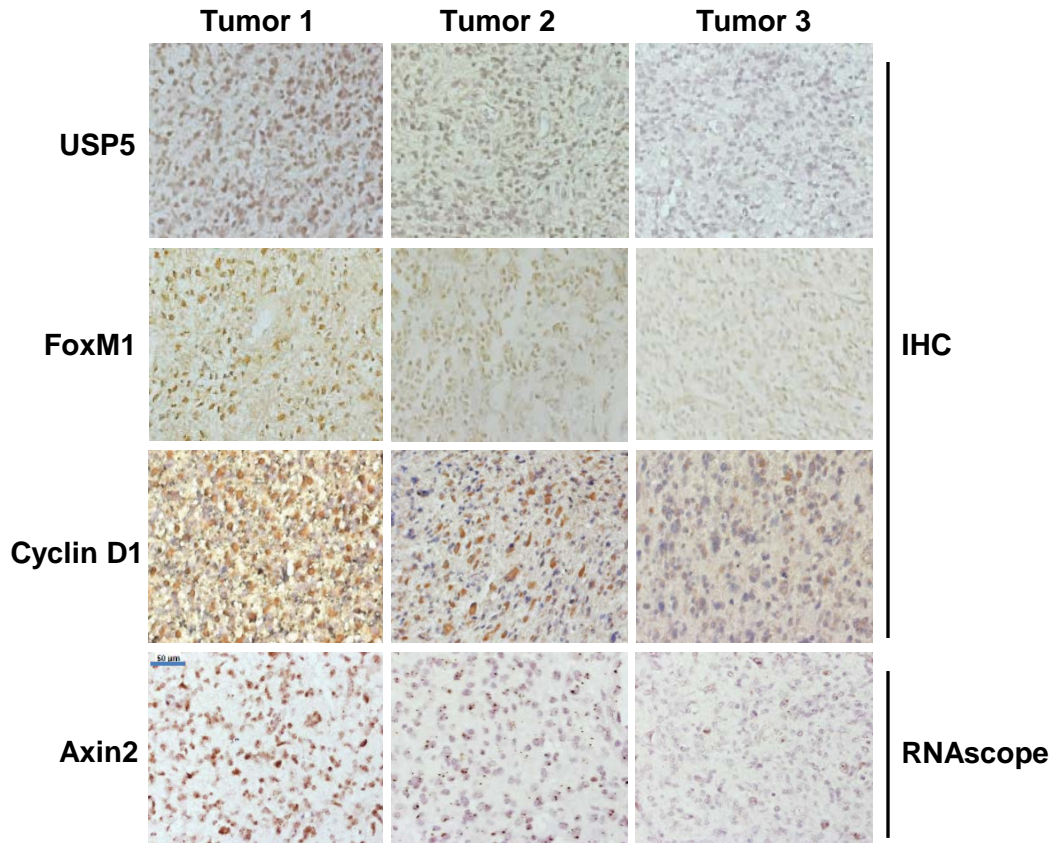
Appendix Figure S3. Wnt promotes FoxM1 nuclear localization, ICAT expression in human cell lines, and ICAT inhibits the recruitment of β -catenin to the TBE, related to Figure 5

(A) FoxM1 nuclear expression levels were detected by using IF (FoxM1, Red; ICAT, green; and nucleus, blue) in U87 cells treated with or without Wnt 3a (100 ng/ml). Scale bar: 50 μ m.

(B) Schematic of the β -catenin domains, which interact with TCF4, ICAT, or FoxM1.

(C) Expression of ICAT in human cell lines was examined by RT-PCR, and GAPDH was used as an internal control.

(D) ChIP analyses of endogenous β -catenin binding at the TCF-binding site of the *Axin2* promoter were performed in ICAT siRNA- or control siRNA- transfected LN229 cells as described in Figure 5H.



Appendix Figure. S4. FoxM1 and Cyclin D1 expression in human GBM correlates with levels of USP5, related to Figure 7

Panel 1-3: Expression of FoxM1, USP5, or Cyclin D1 in 50 GBM specimens was examined via IHC staining by using the indicated antibodies. Representative photos of three GBM tumors are shown.

Panel 4: Axin2 mRNA levels were examined through RNAscope in 50 GBM specimens. Representative photos of three GBM tumors are shown.

Scale bar: 50 μ m

List of Antibodies

Antigen	Catalog number	Source	Application
Axin	2087s	Cell Signaling	IP, WB
α -Tubulin	sc-69969	Santa Cruz	WB
β -actin	sc-47778	Santa Cruz	WB
β -catenin	sc-7963	Santa Cruz	WB
Flag	F1804	Sigma-Aldrich	IP
Flag	F7425	Sigma-Aldrich	WB
GAPDH	SC-32233	Santa Cruz	WB
GSK3 α/β	05-903	Millipore	WB
GSK3 β	9832S	Cell Signaling	WB
HA	05-904	Millipore	IP, WB
Lamin B	sc-6216	Santa Cruz	WB
MYC	2276s	Cell Signaling	IP, WB
ICAT	ab129011	Abcan	IP, WB
ICAT	sc-99240	Santa Cruz	IHC, IP, WB
ICAT	AF3016	Novus	IF
FoxM1	ab83097	Abcan	IF, IHC
FoxM1	Sc-500	Santa Cruz	IP, WB
Cyclin D1	2978	Cell Signaling	WB, IHC
USP5	sc-366624	Santa Cruz	IHC, IP, WB