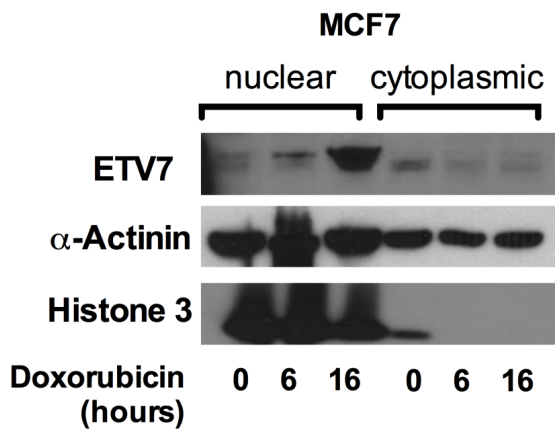
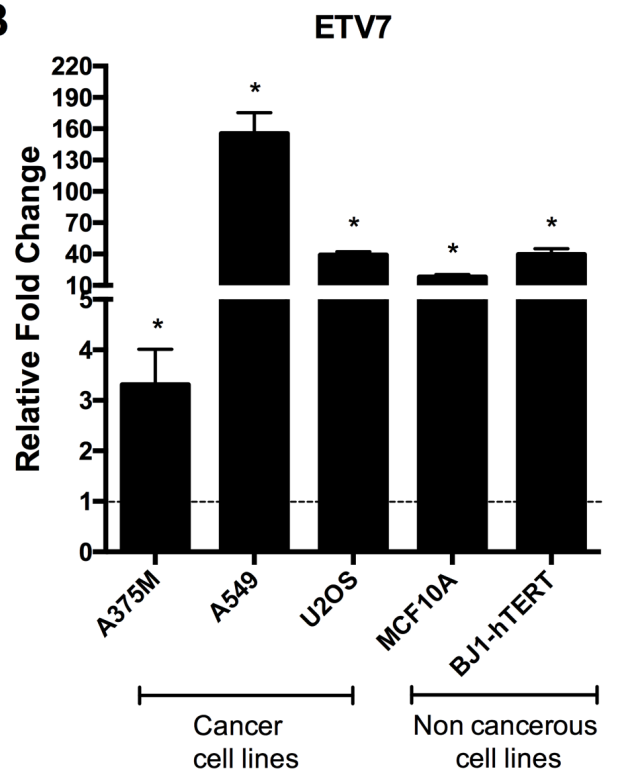


Supplementary Figure 1

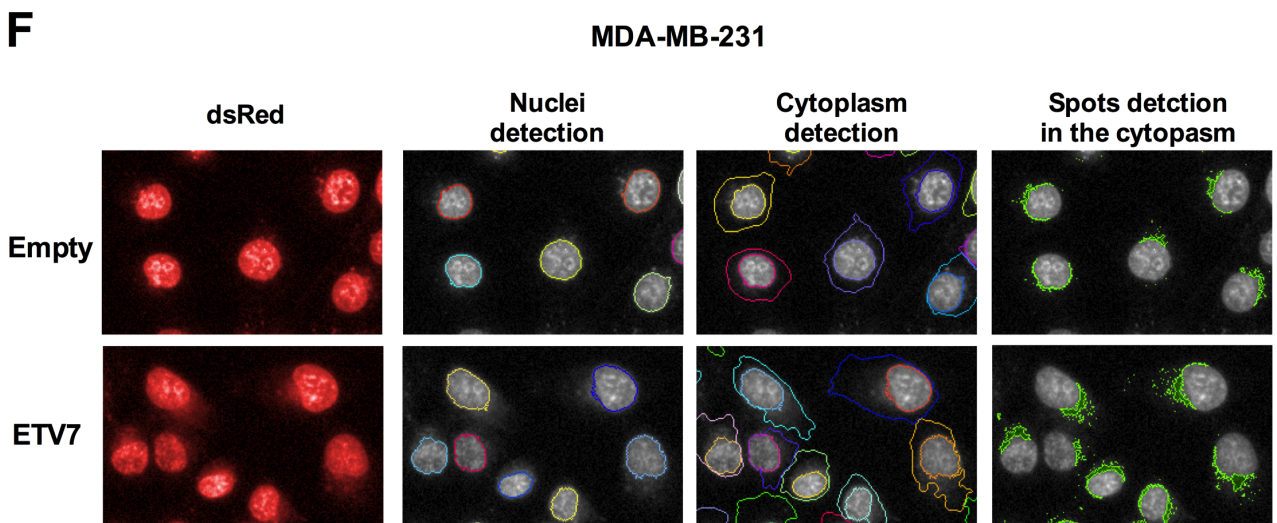
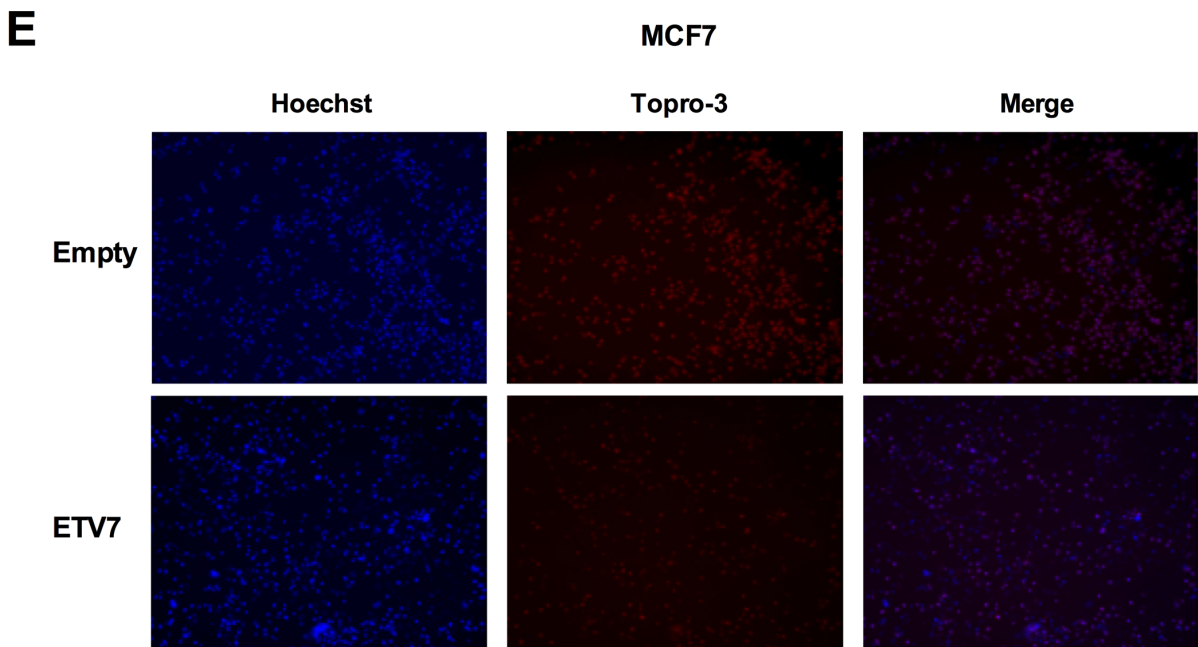
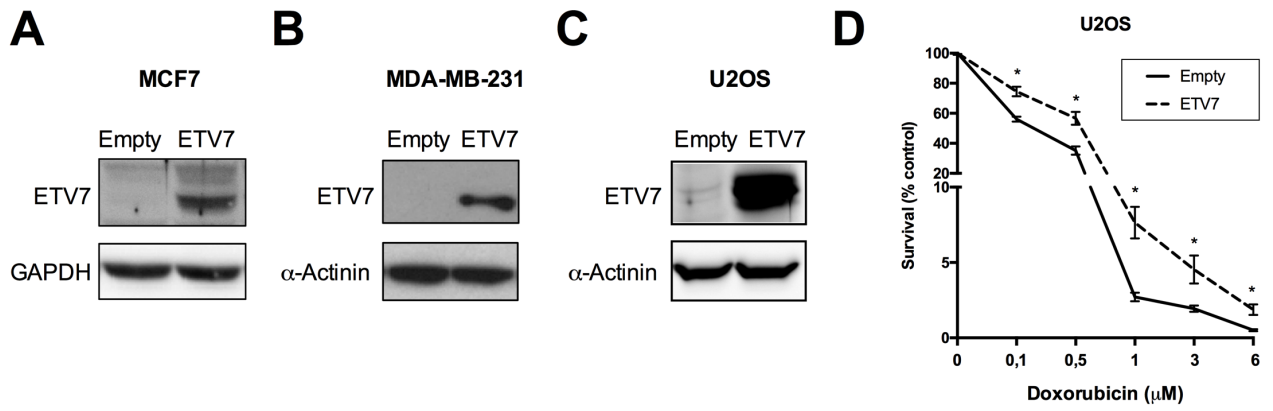
A



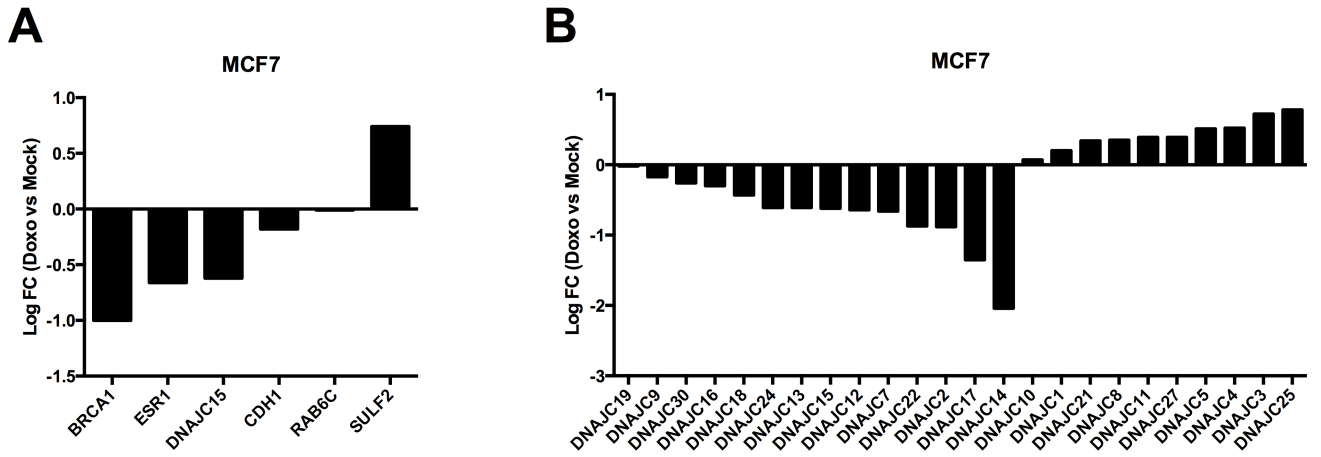
B



Supplementary Figure 2

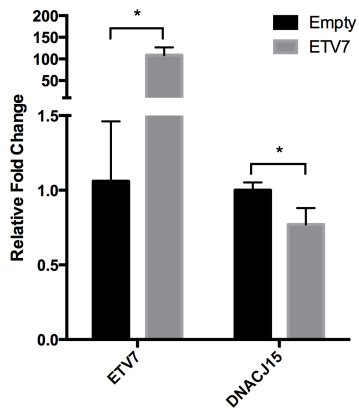


Supplementary Figure 3

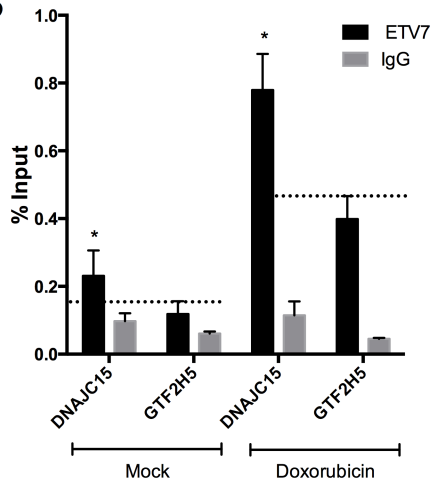


Supplementary Figure 4

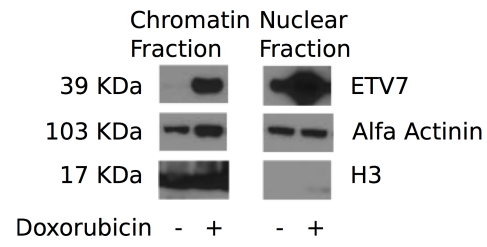
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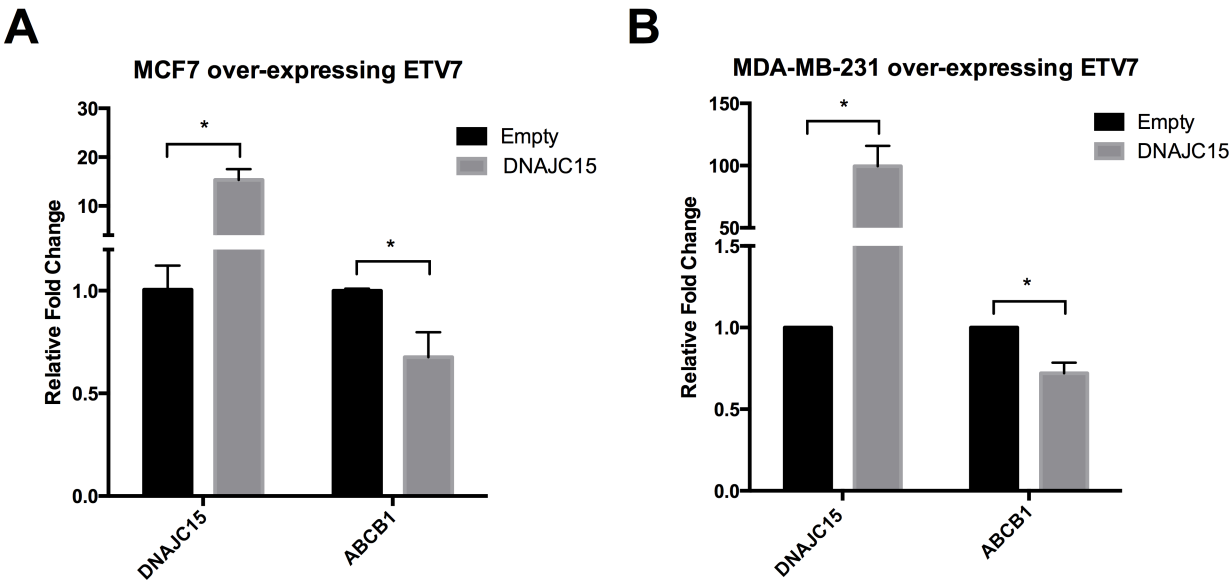
B



C

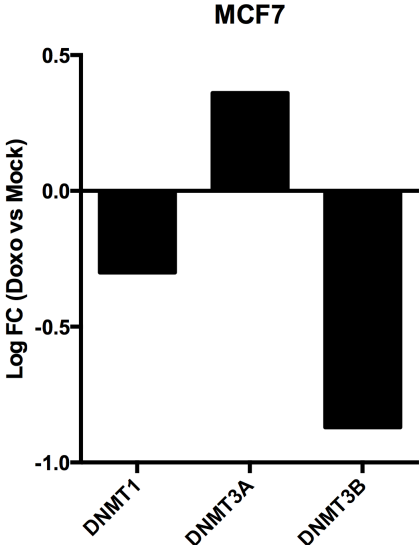


Supplementary Figure 5

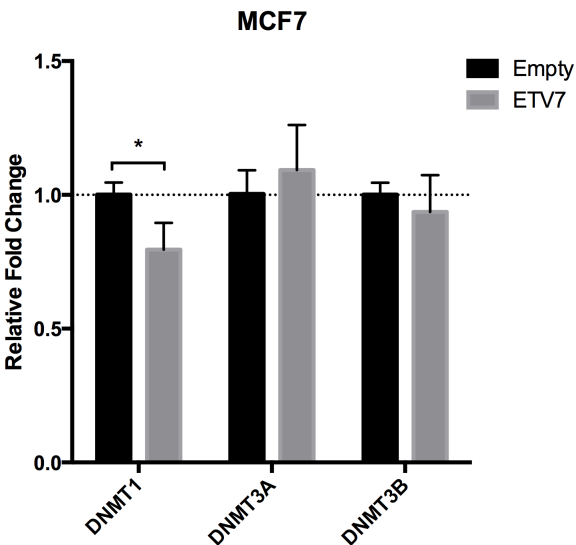


Supplementary Figure 6

A



B



Supplementary Table 1.

PRIMERS used for RT-qPCR	sequence
ETV7-Fw	CAAGATCTTCCGAGTTGTGGA
ETV7-Rv	G TTCACCCGGTTCTTGTGAT
DNAJC22-Fw	AGGACAGCTTGGGTTGGATG
DNAJC22-Rv	CGCTCCTATCTGTAGTGCTCAA
DNAJC17-Fw	CTAGGCATTGAGGAGAAGGCA
DNAJC17-Rv	AGAGTTCAGCTGCTCTGGGATT
DNAJC2-Fw	GGCTCGGAGTGAGAGGTAGA
DNAJC2-Rv	GAGTGTAGAGGCAGAGGTCAG
DNAJC7-Fw	CGGAGCTGCTCTATGCTCCA
DNAJC7-Rv	AAAGTCTCTGCTTCCCTCTTCG
DNAJC14-Fw	G TAGCTAGTGGGCGCTACTG
DNAJC14-Rv	GCTGCTCGCAAACCTTGAA
DNAJC15-Fw	TGGTGT CATCGCTCCAGTTG
DNAJC15-Rv	ATGCGTAGCGACCTGCAAAT
ABCB1-Fw	TGCCTATGGAGACAACAGCC
ABCB1-Rv	TGAAGGCATGTATGTTGGCCT
YWHAZ-Fw	CAACACATCCTATCAGACTGGG
YWHAZ-Rv	AATGTATCAAGTTCAGCAATGGC
B2M-Fw	AGGCTATCCAGCGTACTCCA
B2M-Rv	TGGATGAAACCCAGACACA
GAPDH-Fw	TCCAAAATCAAGTGGGGCGA
GAPDH-Rv	AGTAGAGGCAGGGATGATGT
DNMT1-Fw	ACATCCTGGACAAGCACCG
DNMT1-Rv	TTTAGCTGAGGCACTCTCTCG
DNMT3A-Fw	GTGTCTTGGTGGATGACGGG
DNMT3A-Rv	CGGCATCAGCTTCTCAACAC
DNMT3B-Fw	TAAGTCGAAGGTGCGTCGTG
DNMT3B-Rv	CGTCTTCGAGTCTTGTCTCGTA
PRIMERS used for ChIP-qPCR	sequence
DNAJC15-ChIP-Fw	TGCGAACAGAAGTTGAGAGTGG
DNAJC15-ChIP-Rv	AGTAAGCTCGGAGTCTAGCTGT
GTF2H5-ChIP-Fw	GAAGCGAAGTAAGAAGTATGGCA
GTF2H5-ChIP-Rv	GGCCCTACTAAGAGGCAAAGG
GAPDH-ChIP-Fw	AAAAGCGGGGAGAAAGTAGG
GAPDH-ChIP-Rv	CTAGCCTCCCGGTTTCTCT