

Figure S1. Prognosis of key mRNA and miRNA in breast cancer for long follow-up. (A) The prognosis of CDK1 and CSK2 in breast cancer with overall survival for long follow-up based on Kaplan-Meier plotter data. (B) The prognosis of miR-337-3p in breast cancer with overall survival for long follow-up based on Kaplan-Meier plotter data. (C) The prognosis of miR-337-3p and miR-3685 in breast cancer with overall survival for long follow-up based on StarBase data. miRNA/miR, microRNA; CDK1, cyclin-dependent kinase 1.

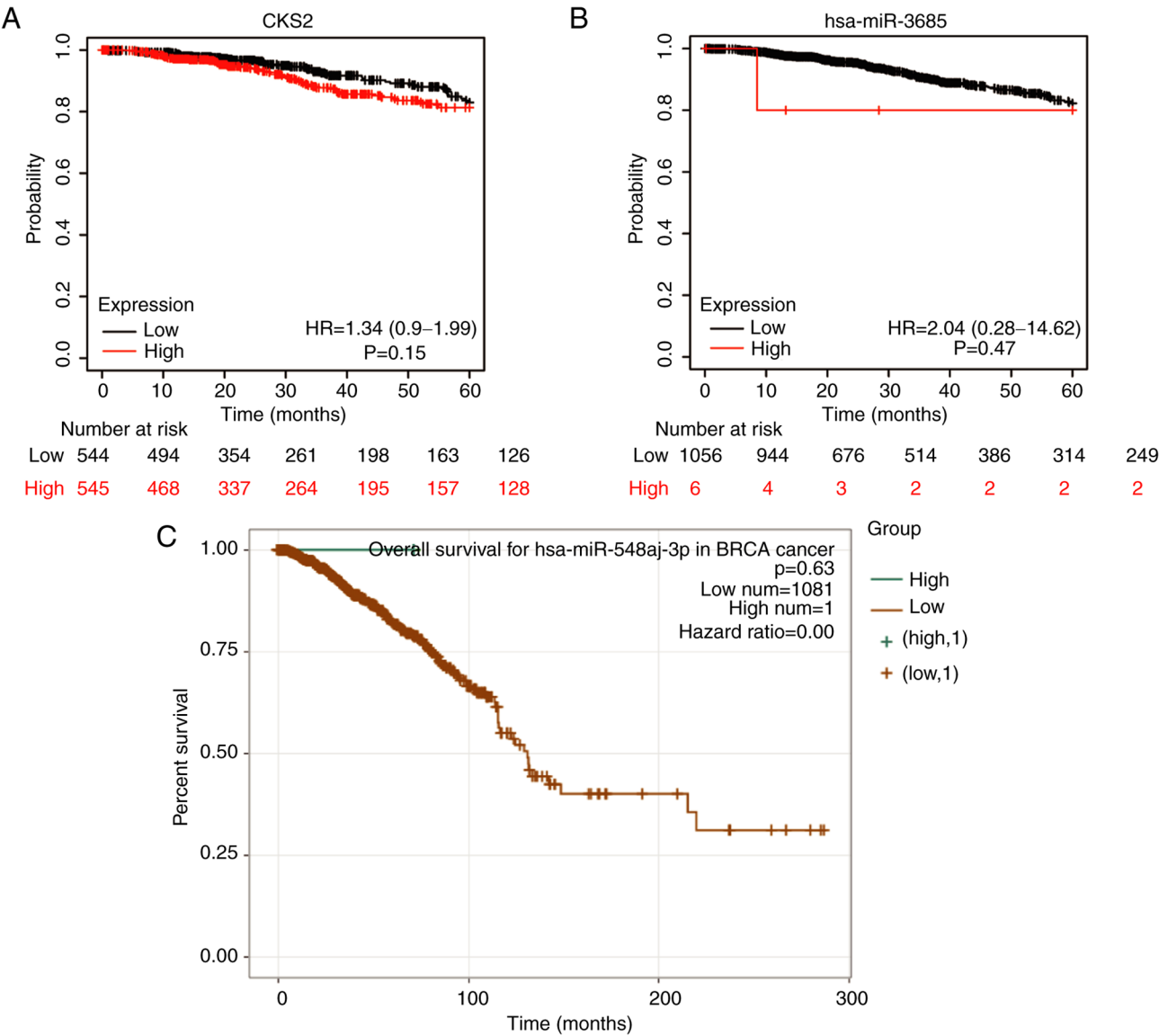


Figure S2. CDK1 expression is inhibited by miR-337-3p in time- and dose-dependent manners. (A) RT-qPCR analysis demonstrated that CDK1 expression was inhibited by miR-337-3p in a dose-dependent manner. (B) Western blot analysis demonstrated that CDK1 expression was inhibited by miR-337-3p in a dose-dependent manner. (C) RT-qPCR analysis demonstrated that CDK1 expression was inhibited by miR-337-3p in a time-dependent manner. (D) Western blot analysis demonstrated that CDK1 expression was inhibited by miR-337-3p in a time-dependent manner. * $P < 0.05$, ** $P < 0.001$ vs. mimic-NC. CDK1, cyclin-dependent kinase 1; miR, microRNA; RT-qPCR, reverse transcription-quantitative PCR; NC, negative control.

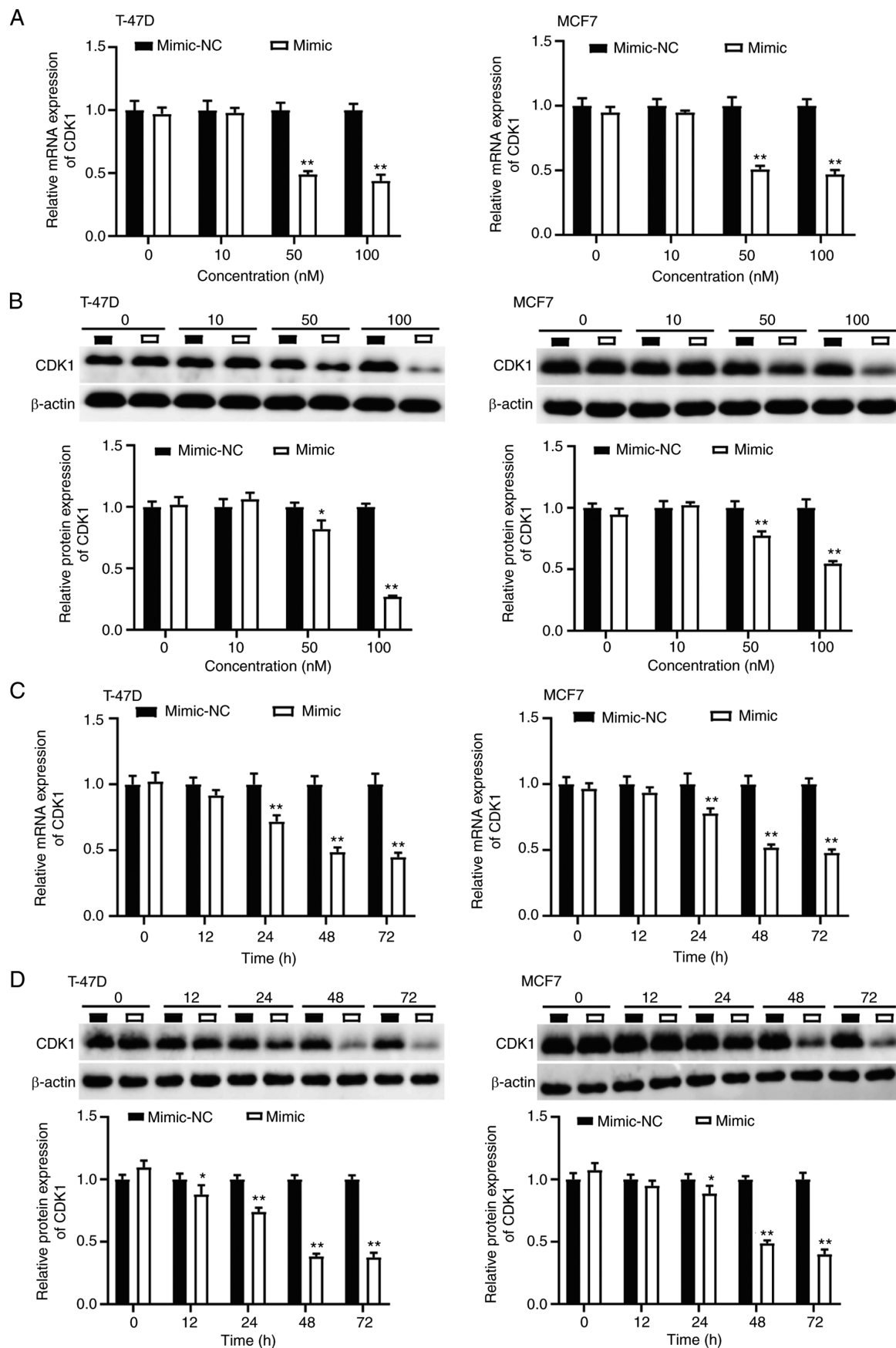


Table SI. Primer sequences used for transfection.

Objective	Primer sequence (5'-3')
miR-337-3p mimic	CUCCUAUAUGAUGCCUUUCUUC
mimic-NC	UUGUACUACACAAAAGUACUG
miR-337-3p inhibitor	GAAGAAAGGCAUCAUAUAGGAG
inhibitor-NC	CAGUACUUUUGUGUAGUACAA
si-CDK1	sense, CCUAUGGAGUUGUGUAUAATT antisense, UUAUACACAACUCCAUAGGTT
si-NC	sense, UUCUCCGAACGUGUCACGUdTdT antisense, ACGUGACACGUUCGGAGAAAdTdT

miR, microRNA; CDK1, cyclin-dependent kinase 1; mimic-NC, negative control of miR-337-3p mimic; inhibitor-NC, negative control of miR-337-3p inhibitor; si-CDK1, small interfering RNA of CDK1; si-NC, negative control of si-CDK1.