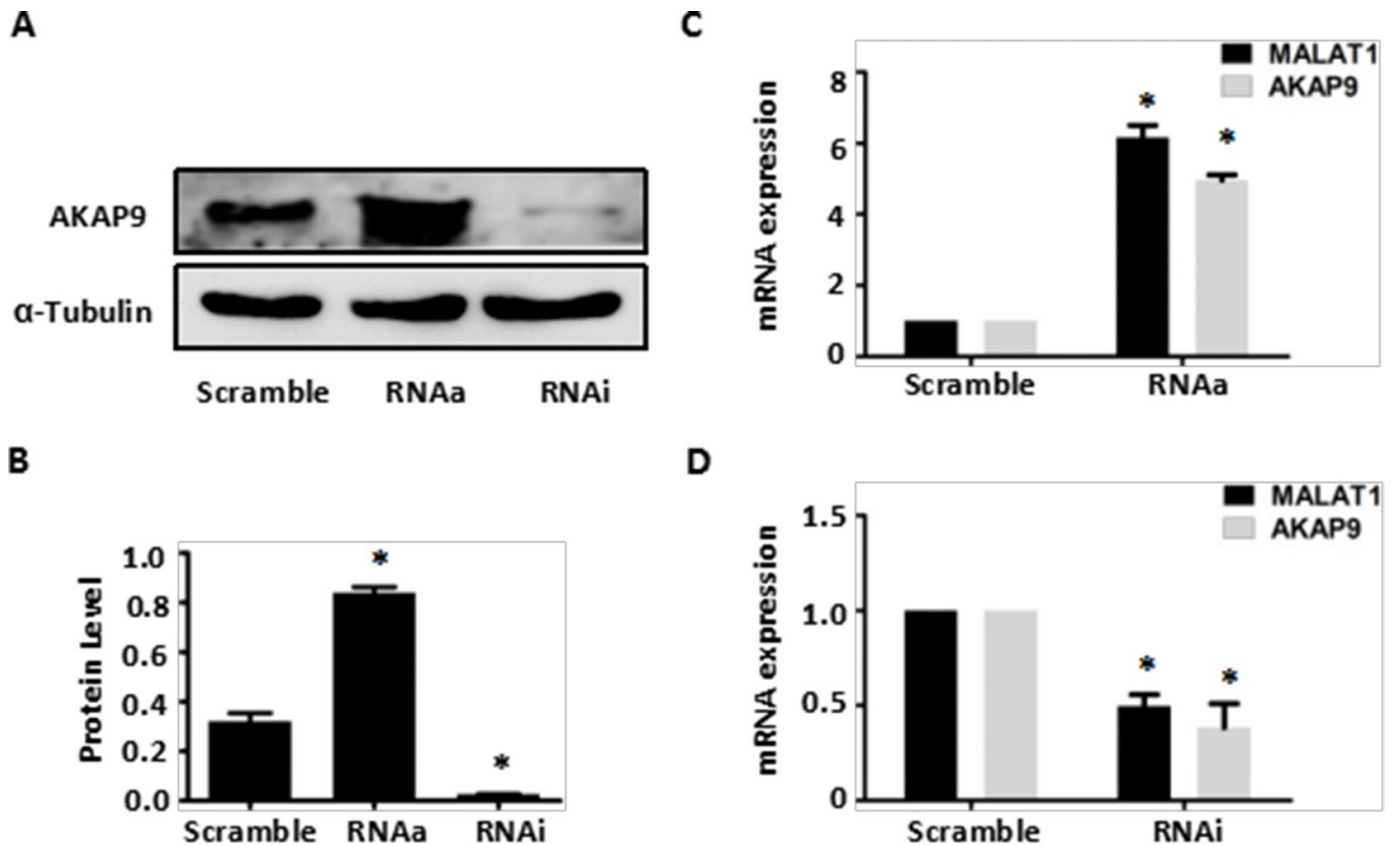
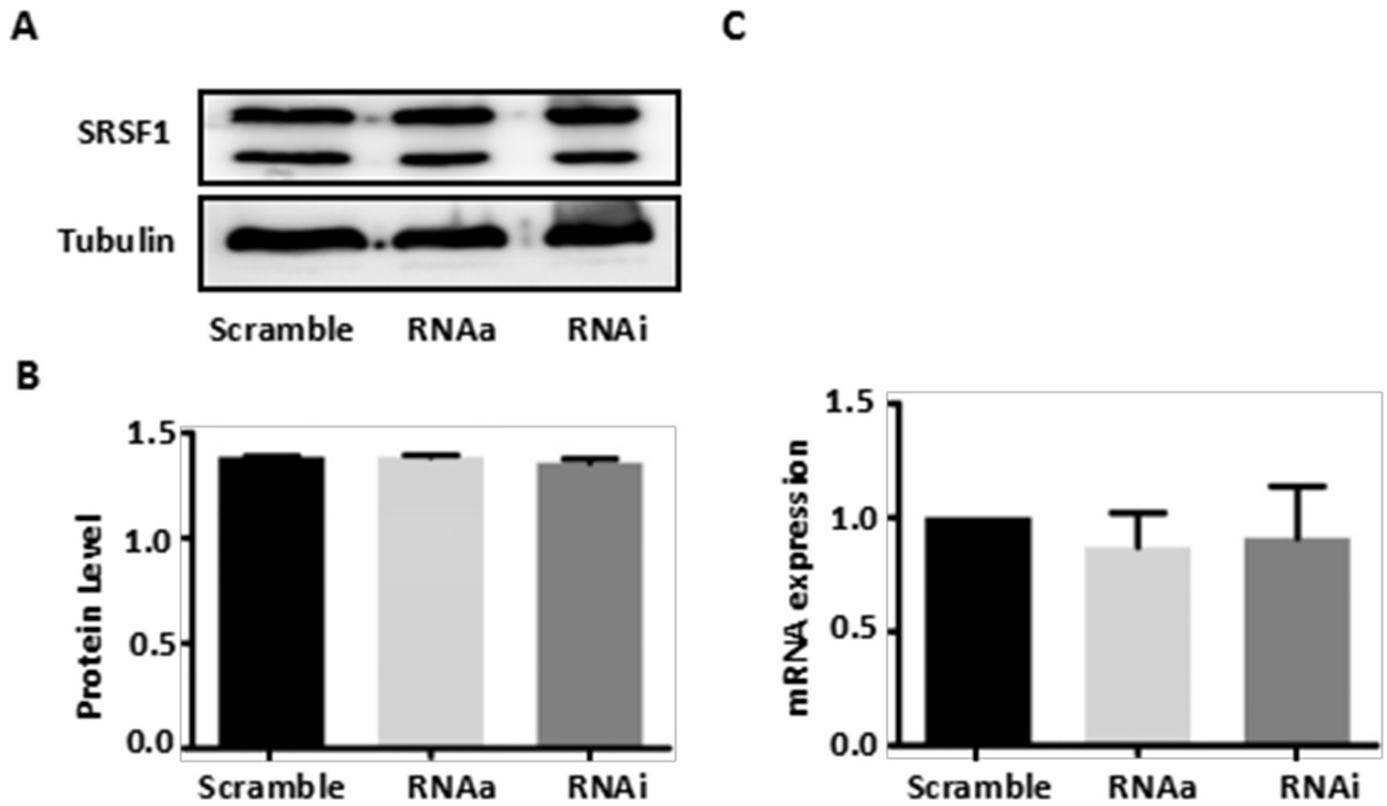


Long non-coding RNA MALAT1 increases AKAP-9 expression by promoting SRPK1-catalyzed SRSF1 phosphorylation in colorectal cancer cells

Supplementary Materials



Supplementary Figure S1: Long non-coding RNA MALAT1 regulated AKAP-9 expression in CRC SW480 cells. (A) Western blot analysis of AKAP-9 protein expression in SW480 cells with stably activated/down-expressing MALAT1 (RNAa/RNAi) or scramble. (B) The protein levels were normalized to α -Tubulin. $*P < 0.001$ compared to the control group (scramble), $n = 3$. (C-D) AKAP-9 mRNA expression were detected by qPCR. $*P < 0.01$ compared to the control group (scramble), $n = 3$.



Supplementary Figure S2: Long non-coding RNA MALAT1 did not regulate SRSF1 protein expression in CRC SW480 cell. (A) Western blot analysis of SRSF1 protein expression in SW480 cells with stably activated/down-expressing MALAT1 (RNAa/RNAi) or scramble. (B) The protein levels were normalized to α -Tubulin, $n = 3$. (C) SRSF1 mRNA expression were detected by qPCR, $n = 3$.