

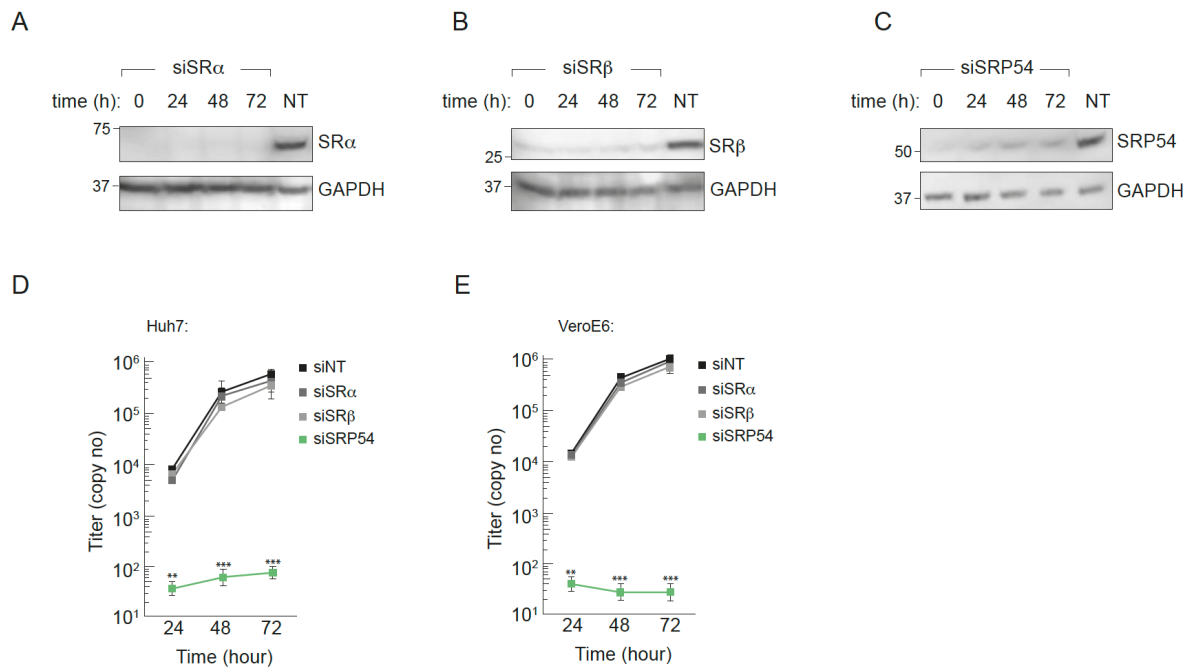


Figure S2. siRNA-mediated knockdown of SRP54, SR α , and SR β in Huh7 and Vero cells and its impact on ZIKV replication.

(A-C) Immunoblot analysis of protein levels following siRNA-mediated depletion of (A) SRP54, (B) SR α , and (C) SR β in Huh7 cells over a 72-hour time course. Cells were transfected with either non-targeting (NT) control siRNA or siRNA targeting the indicated protein. GAPDH served as a loading control. **(D-E)** ZIKV growth kinetics in (D) Huh7 and (E) Vero cells depleted of SRP54, SR α , or SR β . Cells were transfected with the indicated siRNAs and infected with ZIKV at an MOI of 0.1. Viral RNA in the supernatants was quantified by RT-qPCR at 24, 48, and 72 hours post-infection. Data represent mean $\pm$ SEM (n=3), with ** p < 0.01 and *** p < 0.001 by two-tailed unpaired Student's t-test.