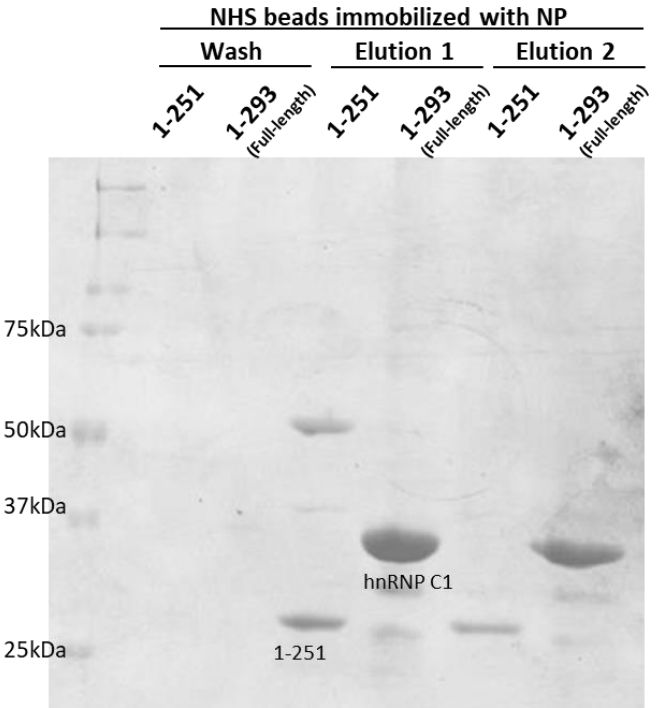
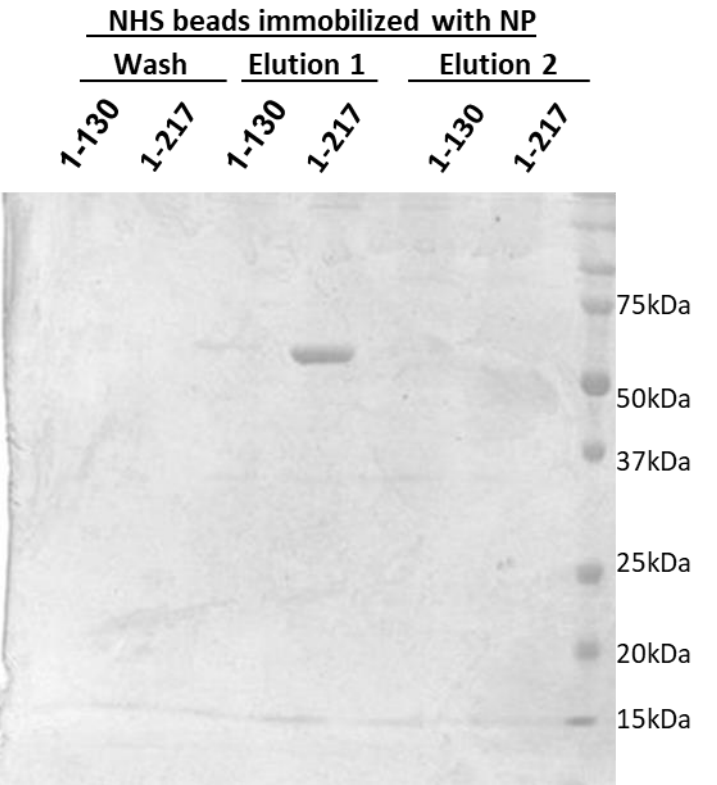
Figure S1:

Pull-down results of hnRNP-C truncations using immobilized NP

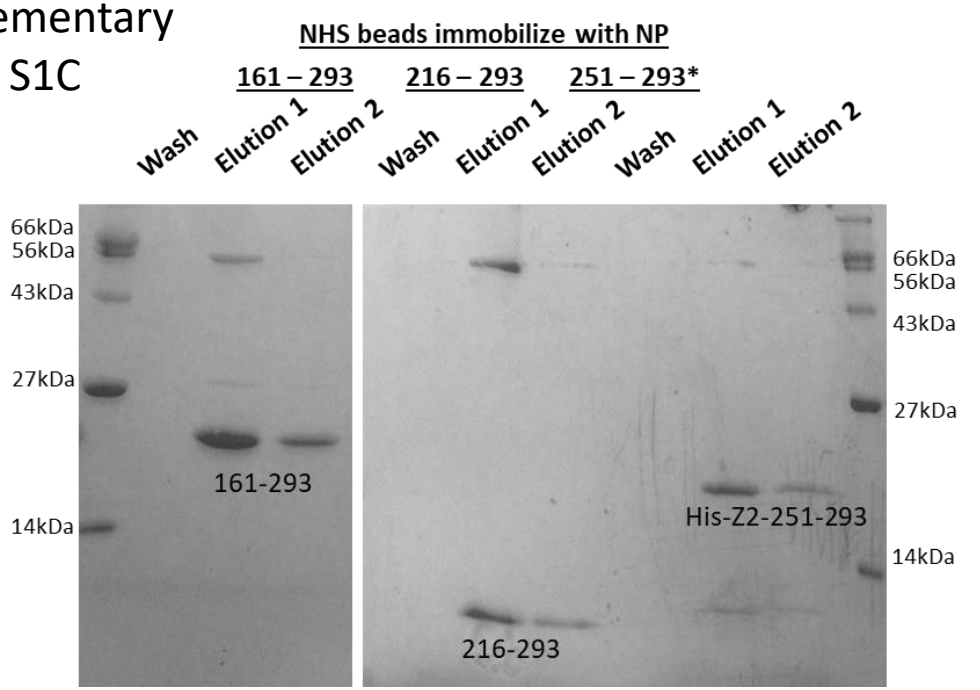
Supplementary Figure S1A




Supplementary Figure S1B

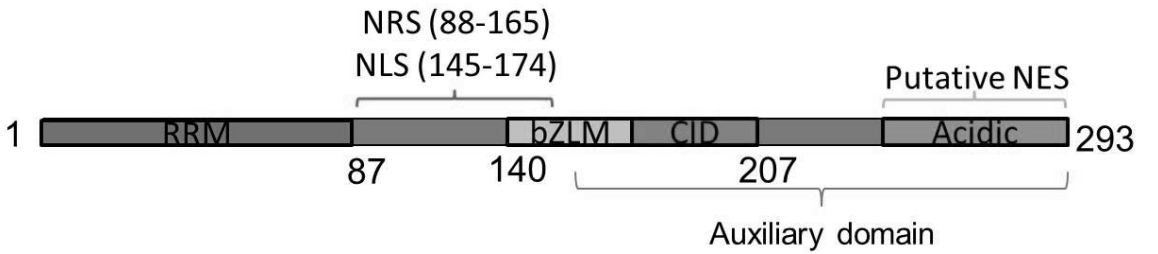


Supplementary Figure S1C




(* 251-293 fragment with His-Z2 tag uncut.)

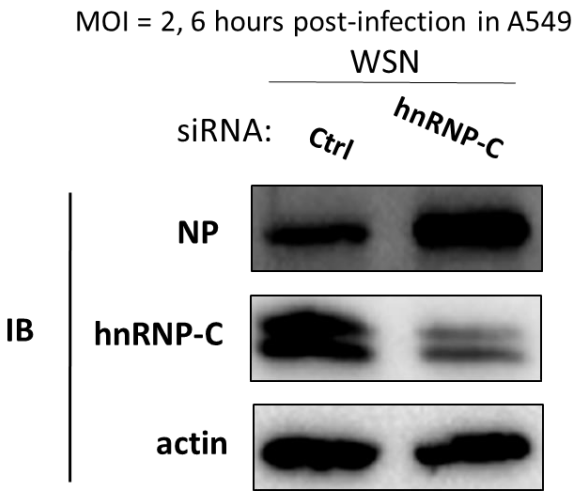
Supplementary Figure S1D

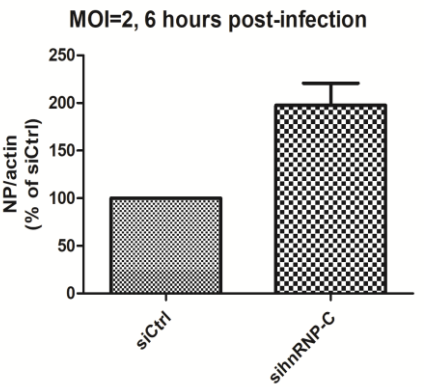



RRM: RNA recognition motif
bZLM: basic leucine zipper-like motif
CID: C1-C1 interaction domain
Acidic: Acidic auxiliary domain
NRS: nuclear retention signal
NLS: nuclear localization signal
NES: nuclear export signal

# Supplementary Figure S2a

Enhancement of viral growth in A549 cells at 6 hours post-infection, as revealed by increased NP amount in Western Blots.

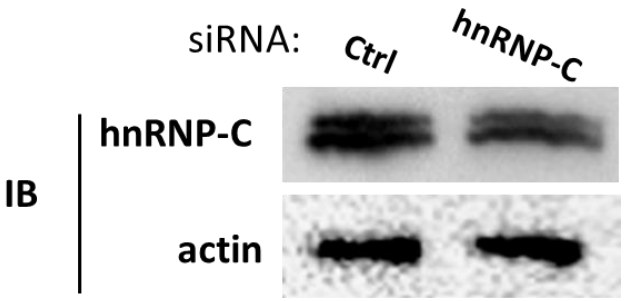


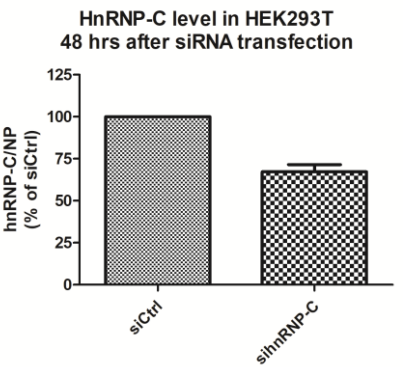




P=0.0018, n=3

# Supplementary Figure S2b

Representative Western Blot image for partial depletion of hnRNP-C in HEK293T cells by specific siRNA. Cell lysates were subject to SDS-PAGE and Western Blot after being tested for GFP and luciferase signals, so as to confirm hnRNP-C depletion. HnRNP-C was depleted to 67% on average.




P=0.00019, n=3

Supplementary Table S1
Primers used for cloning hnRNP-C truncations

| Clones | | Sequences (5' ---- > 3') |
|---|---|---|
| A.A. 1-130 | Forward primer | CGC ATA CAT ATG GCC AGC AAC GTT ACC |
| | Reverse primer | ATA CGC GAA TTC TTA TAC ACG TGC TGG GTA ACT G |
| A.A. 1-217 | Forward primer | CGC ATA CAT ATG GCC AGC AAC GTT ACC |
| | Reverse primer | CGC ATA GCG GCC GC TTA ATT CTT CAT CTC TAC TGC |
| A.A. 1-251 | Forward primer | CGC ATA CAT ATG GCC AGC AAC GTT ACC |
| | Reverse primer | CGC ATA GCG GCC GC TTA CCC CTC CTC AGC AGA GTC |
| A.A. 161-293 | Forward primer | CGC ATA CAT ATG AAT TCT AAG AGT GGA CAG |
| | Reverse primer | CGC ATA GCG GCC GC TTA AGA GTC ATC CTC GCC |
| A.A. 216-293 | Forward primer | CGC ATA CAT ATG AAG AAT GAT AAG TCA GAA G |
| | Reverse primer | CGC ATA GCG GCC GC TTA AGA GTC ATC CTC GCC |
| A.A. 251-293 | Forward primer | CGC ATA CAT ATG GGG GAC CTA CTG GAT GAT G |
| | Reverse primer | CGC ATA GCG GCC GC TTA AGA GTC ATC CTC GCC |

Supplementary Table S2
Microarray analysis revealed upregulation of pro-apoptotic factors and downregulation of anti-apoptotic factors upon knockdown of hnRNP-C in A549 cells.

| Gene Symbol | Description | Log 2 C/N | P-value |
|---|---|---|---|
| **Pro-apoptotic factors** | | | |
| CASP8 | Caspase 8 | 1.23 | 5E-05 |
| BIM/ BCL2L11 | BCL2-like 11 apoptosis facilitator | 1.59 | 7E-06 |
| BCL2L13 | BCL2-like 13 apoptosis facilitator | 1.07 | 3E-06 |
| **Anti-apoptotic factors** | | | |
| BNIP3 | BCL2/adenovirus E1B 19kDa interacting protein 3 | -1.08 | 5E-07 |
| MDM2 | Murine double minute clone 2 | -1.01 | 0.04512 |