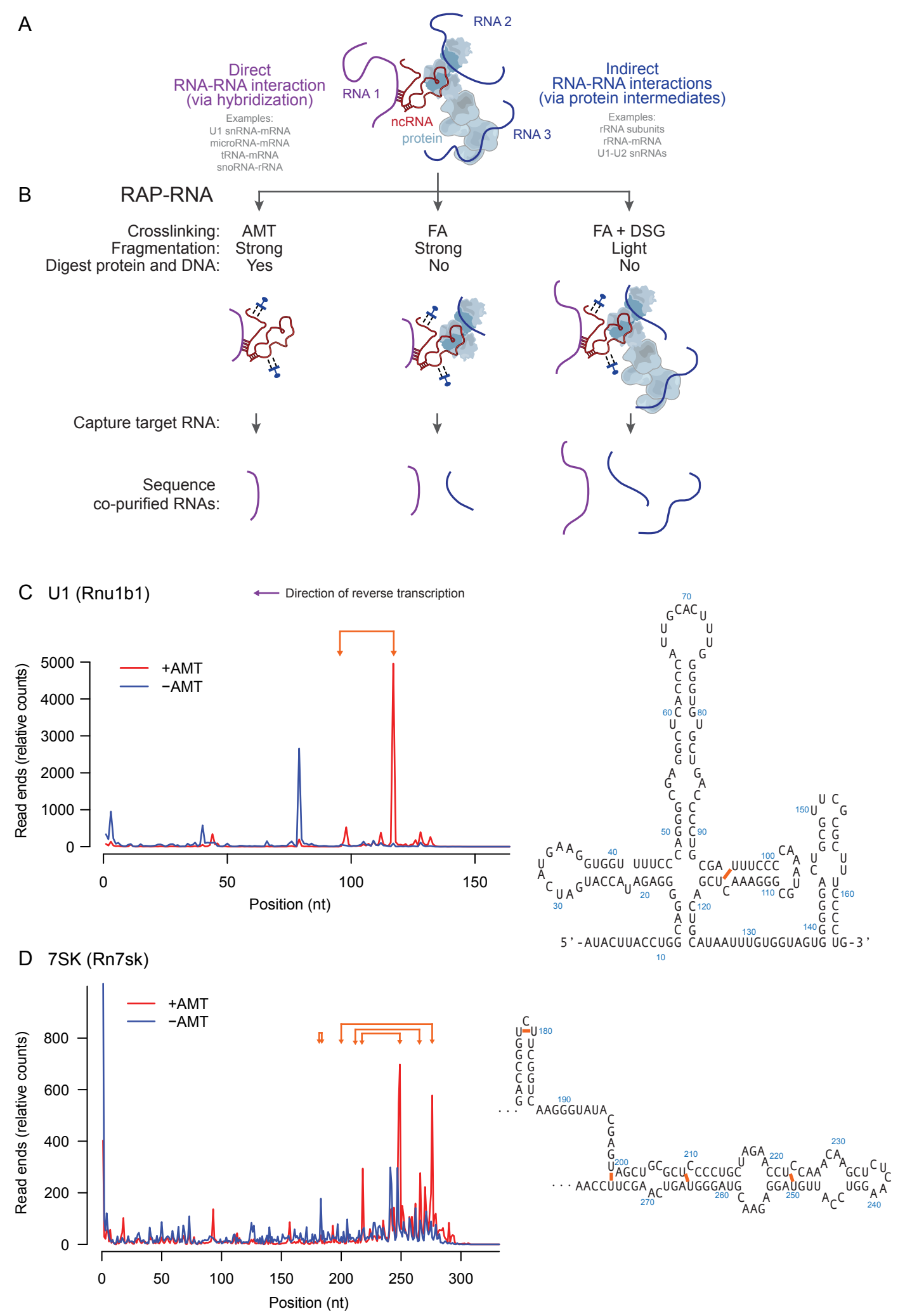
A
Direct
RNA-RNA interaction
(via hybridization)
Examples:
U1 snRNA-mRNA
microRNA-mRNA
tRNA-mRNA
snoRNA-rRNA
RNA 1
RNA 2
RNA 3
ncRNA
protein
Indirect
RNA-RNA interactions
(via protein intermediates)
Examples:
rRNA subunits
rRNA-mRNA
U1-U2 snRNAs
B
RAP-RNA
Crosslinking:
Fragmentation:
Digest protein and DNA:
AMT
Strong
Yes
FA
Strong
No
FA + DSG
Light
No
Capture target RNA:
Sequence
co-purified RNAs:
C
U1 (Rnu1b1)
Direction of reverse transcription
+AMT
−AMT
Read ends (relative counts)
Position (nt)
5'-AUACUUACCUGG CAUAAUUUGUGGUAGUG UG-3'
D
7SK (Rn7sk)
+AMT
−AMT
Read ends (relative counts)
Position (nt)