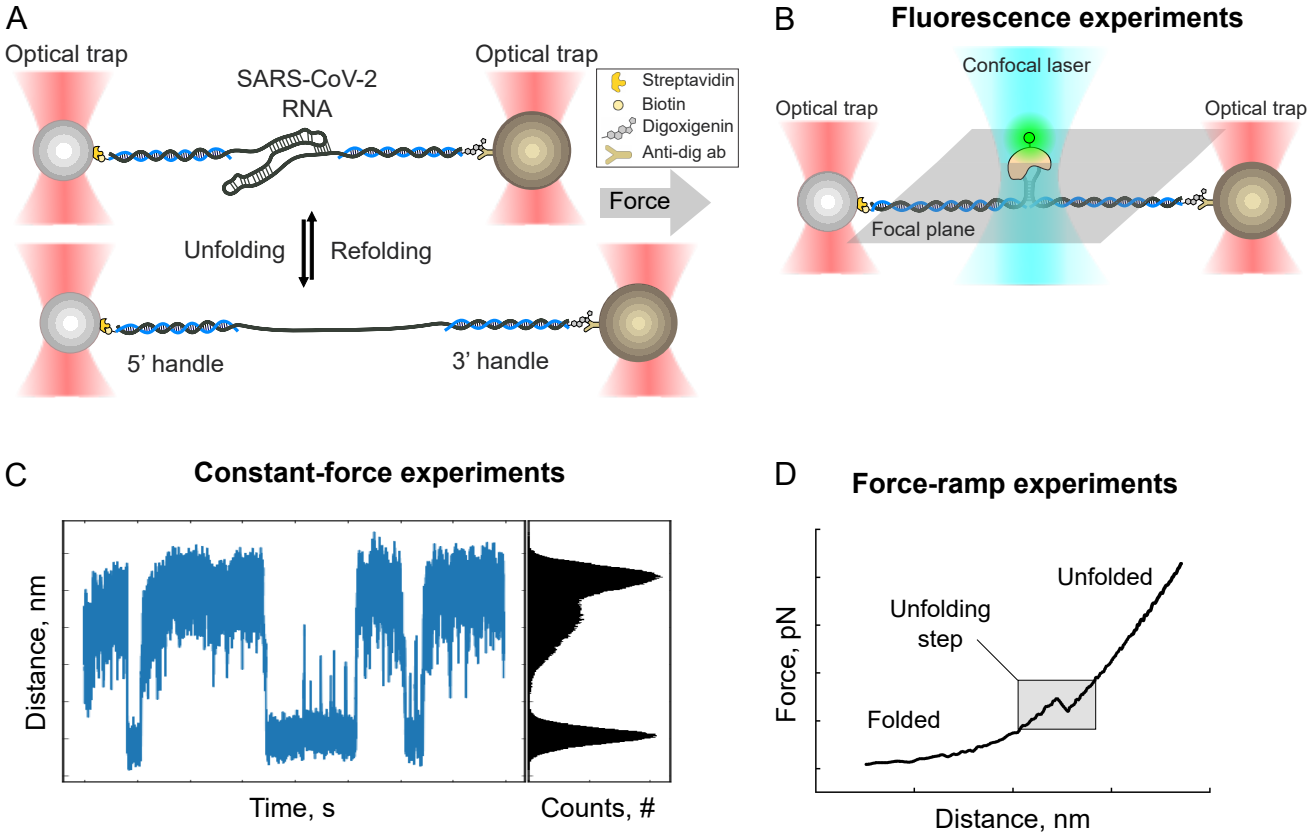
A
Optical trap
SARS-CoV-2
RNA
Optical trap
Streptavidin
Biotin
Digoxigenin
Anti-dig ab
Force
Unfolding
Refolding
5' handle
3' handle
B
Fluorescence experiments
Confocal laser
Optical trap
Optical trap
Focal plane
C
Constant-force experiments
Distance, nm
Time, s
Counts, #
D
Force-ramp experiments
Unfolded
Unfolding
step
Folded
Force, pN
Distance, nm