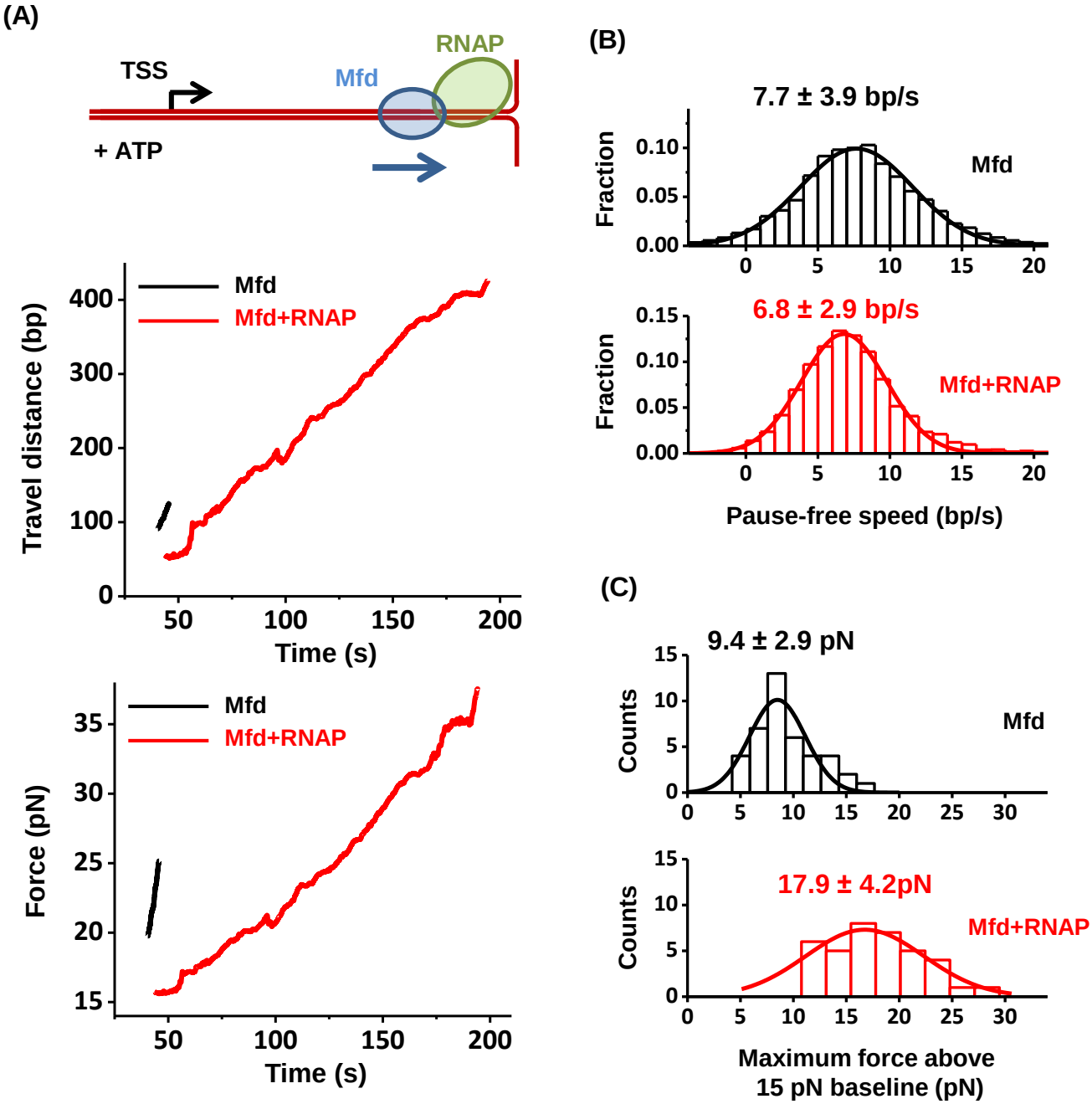
Figure S6


(A)
TSS
RNAP
Mfd
+ ATP
Mfd
Mfd+RNAP
Travel distance (bp)
Time (s)
Mfd
Mfd+RNAP
Force (pN)
Time (s)
(B)
7.7 ± 3.9 bp/s
Fraction
Mfd
6.8 ± 2.9 bp/s
Fraction
Mfd+RNAP
Pause-free speed (bp/s)
(C)
9.4 ± 2.9 pN
Counts
Mfd
17.9 ± 4.2pN
Counts
Mfd+RNAP
Maximum force above
15 pN baseline (pN)