dnaX_Slip mRNA
5'-…AGGGAGCAACC AUG GUA AAA AAG AGAGAA-FSS…-3'
+1
+11
0 frame: fMet Val Lys Lys
A
B
C
FRET
Intensity (au)
dnaX_Slip mRNA
dnaX_Slip ΔFSS mRNA
dnaX_Slip ΔFSS mRNA
Time (sec)
distribution of τ0.4
distribution of τ0.6
D
E
Count
Dwell time (sec)
Ntransition =457
k0.4→0.6 = 0.24±0.02 sec-1
Ntransition =436
k0.6→0.4 = 0.64±0.03 sec-1