A
polymerase transit time estimate
autocorrelation
.3
.2
.1
0
-.1
0
100
200
300
400
autocorrelation lag (s)
B
C
fluorescence (units of r * Δt)
modeled fluo
10
5
0
0
5
10
15
20
time (mins)
modeled promoter state
D
fluorescence (AU)
inferred promoter state
0
10
20
30
40
50
time (mins)
E
fluorescence (AU)
inferred promoter state
0
10
20
30
40
50
time (mins)
F
fluorescence (AU)
modeled fluo
observed fluo
inferred promoter state
0
10
20
30
40
50
time (mins)