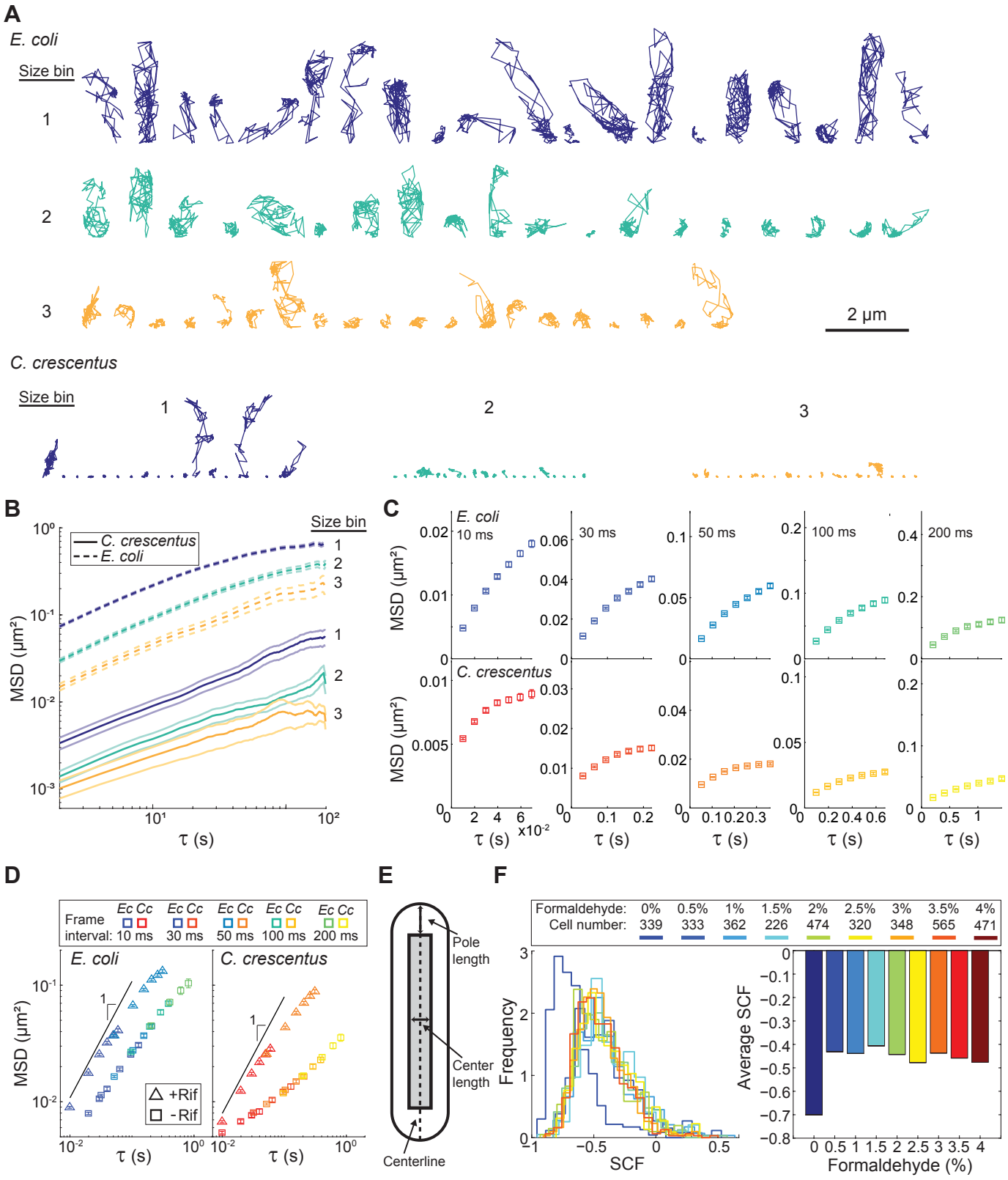
A
E. coli
Size bin
1
2
3
2 μm
C. crescentus
Size bin
1
2
3
B
C. crescentus
E. coli
Size bin
MSD (μm²)
τ (s)
C
E. coli
C. crescentus
10 ms
30 ms
50 ms
100 ms
200 ms
MSD (μm²)
τ (s)
x10⁻²
D
Frame interval:
Ec Cc
10 ms
30 ms
50 ms
100 ms
200 ms
E. coli
C. crescentus
+Rif
-Rif
MSD (μm²)
τ (s)
E
Pole length
Center length
Centerline
F
Formaldehyde: 0% 0.5% 1% 1.5% 2% 2.5% 3% 3.5% 4%
Cell number: 339 333 362 226 474 320 348 565 471
Frequency
SCF
Average SCF
Formaldehyde (%)