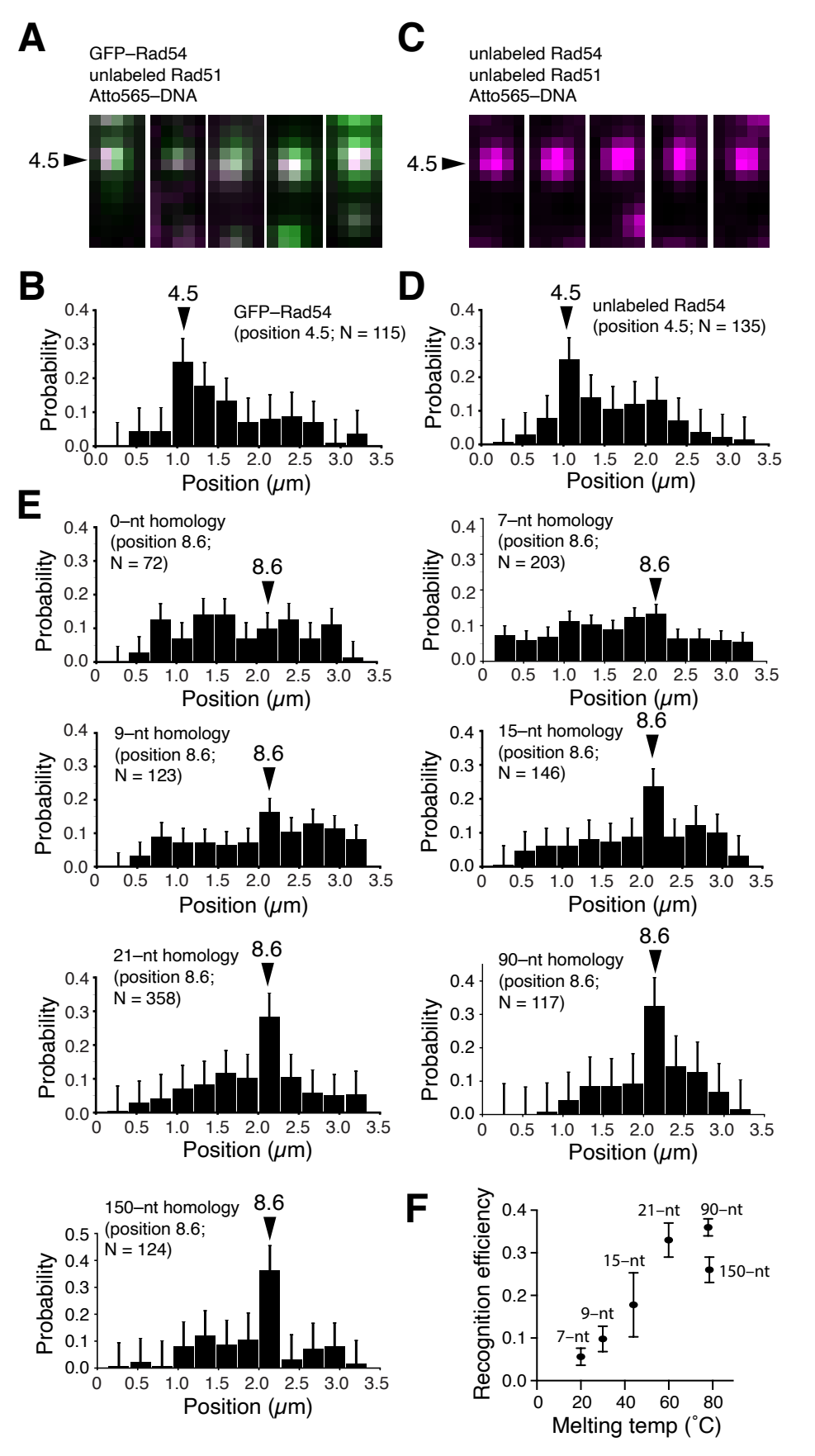
A
GFP–Rad54
unlabeled Rad51
Atto565–DNA
4.5
C
unlabeled Rad54
unlabeled Rad51
Atto565–DNA
4.5
B
4.5
GFP–Rad54
(position 4.5; N = 115)
Probability
Position (μm)
D
4.5
unlabeled Rad54
(position 4.5; N = 135)
Probability
Position (μm)
E
0–nt homology
(position 8.6;
N = 72)
8.6
7–nt homology
(position 8.6;
N = 203)
8.6
9–nt homology
(position 8.6;
N = 123)
8.6
15–nt homology
(position 8.6;
N = 146)
8.6
21–nt homology
(position 8.6;
N = 358)
8.6
90–nt homology
(position 8.6;
N = 117)
8.6
150–nt homology
(position 8.6;
N = 124)
8.6
Probability
Position (μm)
F
Recognition efficiency
Melting temp (˚C)
7–nt
9–nt
15–nt
21–nt
90–nt
150–nt