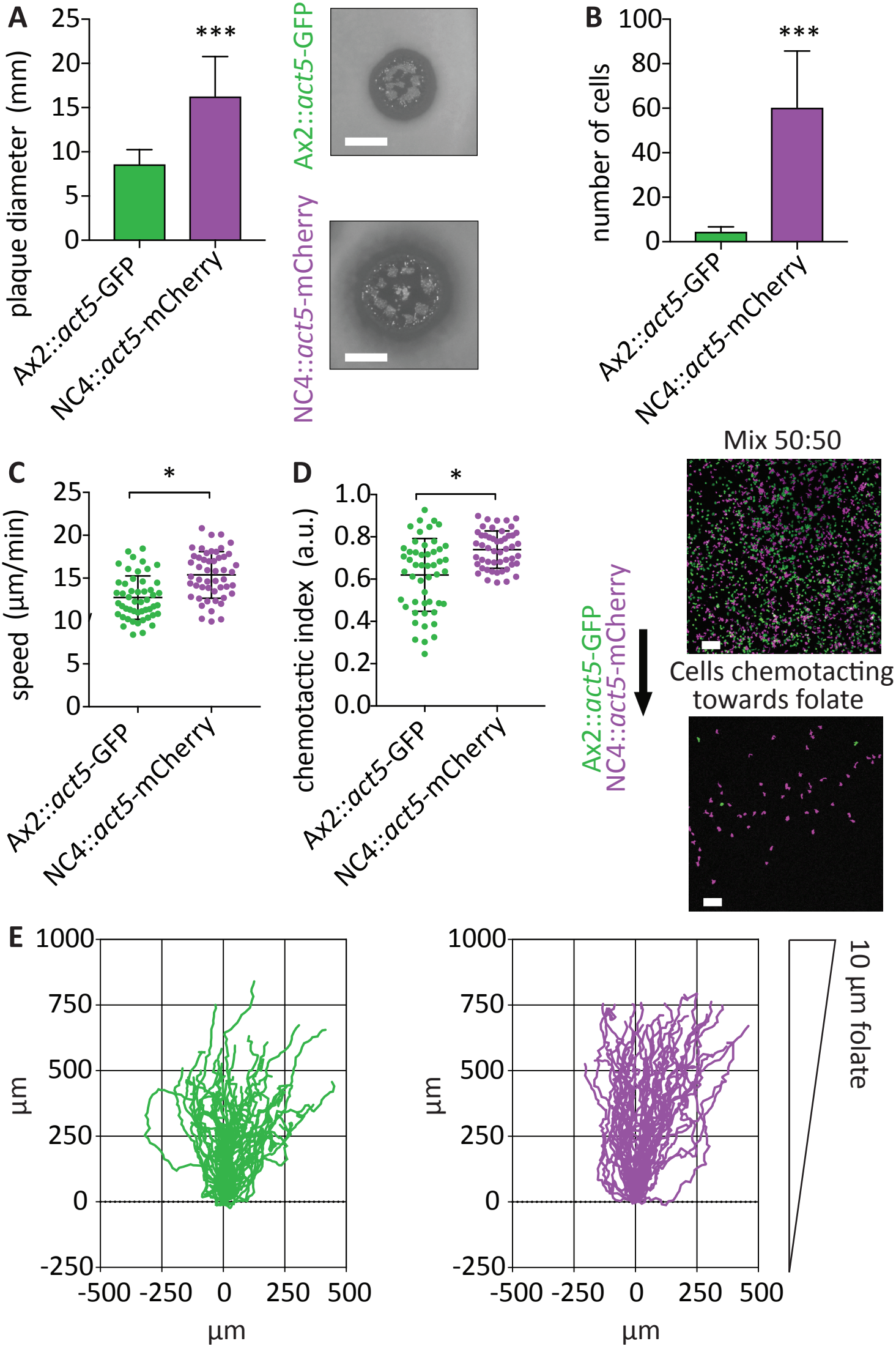
A
plaque diameter (mm)
25
20
15
10
5
0
***
Ax2::act5-GFP
NC4::act5-mCherry
Ax2::act5-GFP
NC4::act5-mCherry
B
number of cells
100
80
60
40
20
0
***
Ax2::act5-GFP
NC4::act5-mCherry
C
speed (µm/min)
25
20
15
10
5
0
*
Ax2::act5-GFP
NC4::act5-mCherry
D
chemotactic index (a.u.)
1.0
0.8
0.6
0.4
0.2
0.0
*
Ax2::act5-GFP
NC4::act5-mCherry
Mix 50:50
Ax2::act5-GFP
NC4::act5-mCherry
Cells chemotacting towards folate
E
µm
1000
750
500
250
0
-250
-500 -250 0 250 500
µm
µm
1000
750
500
250
0
-250
-500 -250 0 250 500
µm
10 µm folate