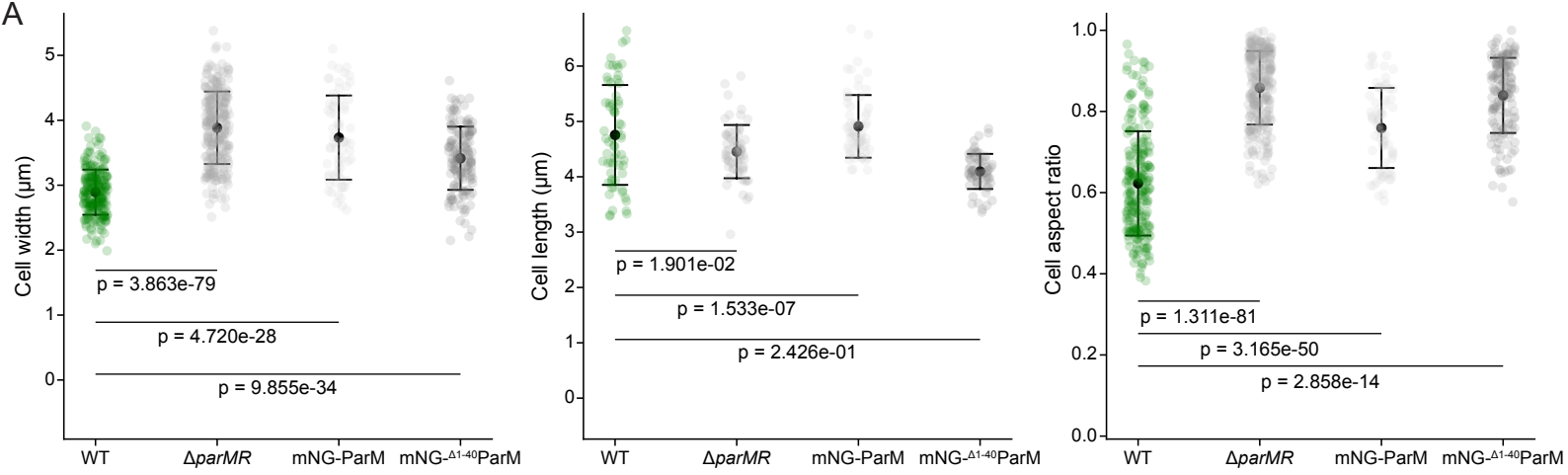
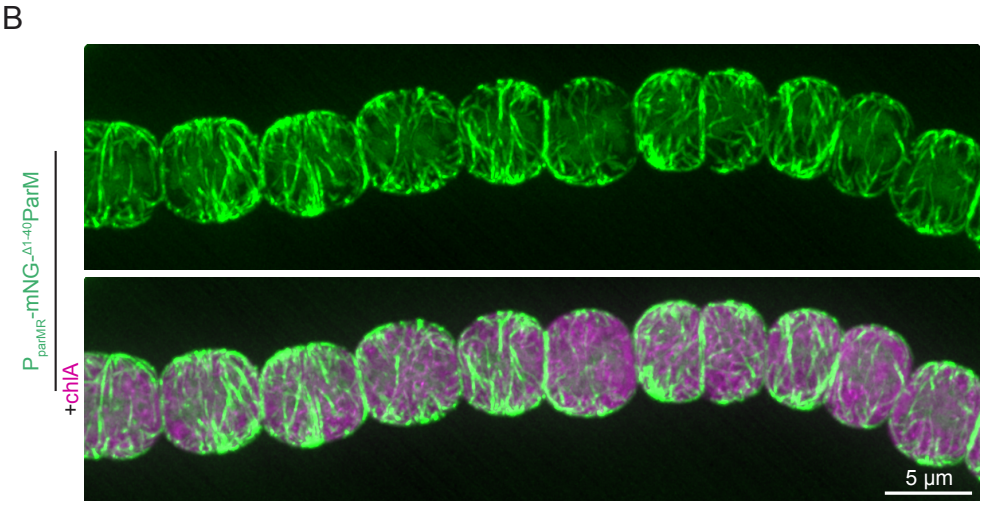
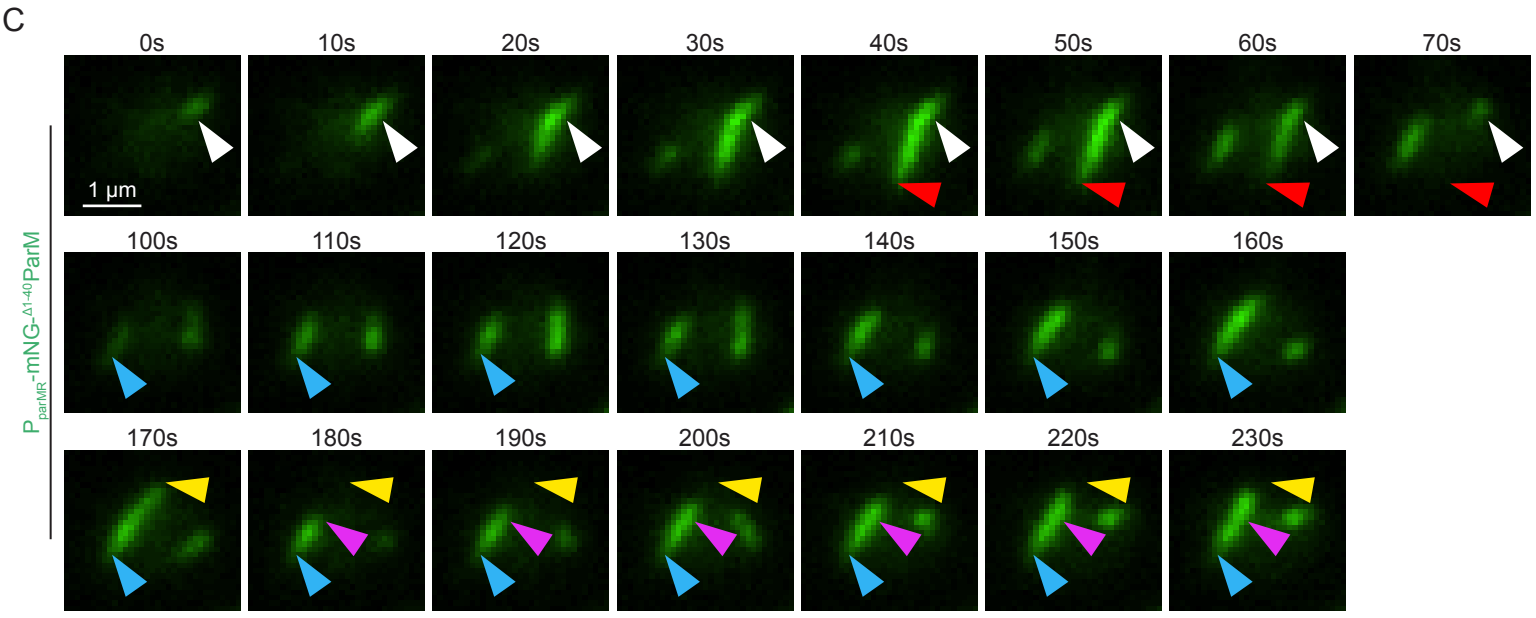
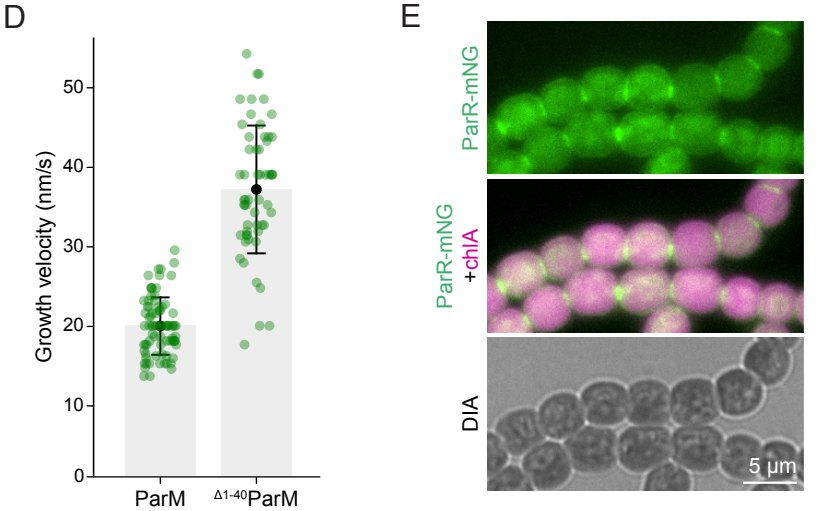

A
Cell width (µm)
p = 3.863e-79
p = 4.720e-28
p = 9.855e-34
WT
ΔparMR
mNG-ParM
mNG-Δ1-40ParM
Cell length (µm)
p = 1.901e-02
p = 1.533e-07
p = 2.426e-01
Cell aspect ratio
p = 1.311e-81
p = 3.165e-50
p = 2.858e-14


B
PparMR-mNG-Δ1-40ParM
+chlA
5 µm


C
PparMR-mNG-Δ1-40ParM
1 µm
0s
10s
20s
30s
40s
50s
60s
70s
100s
110s
120s
130s
140s
150s
160s
170s
180s
190s
200s
210s
220s
230s


D
Growth velocity (nm/s)
ParM
Δ1-40ParM


E
ParR-mNG
ParR-mNG +chlA
DIA
5 µm
mNG
mNG +chlA
DIA
5 µm