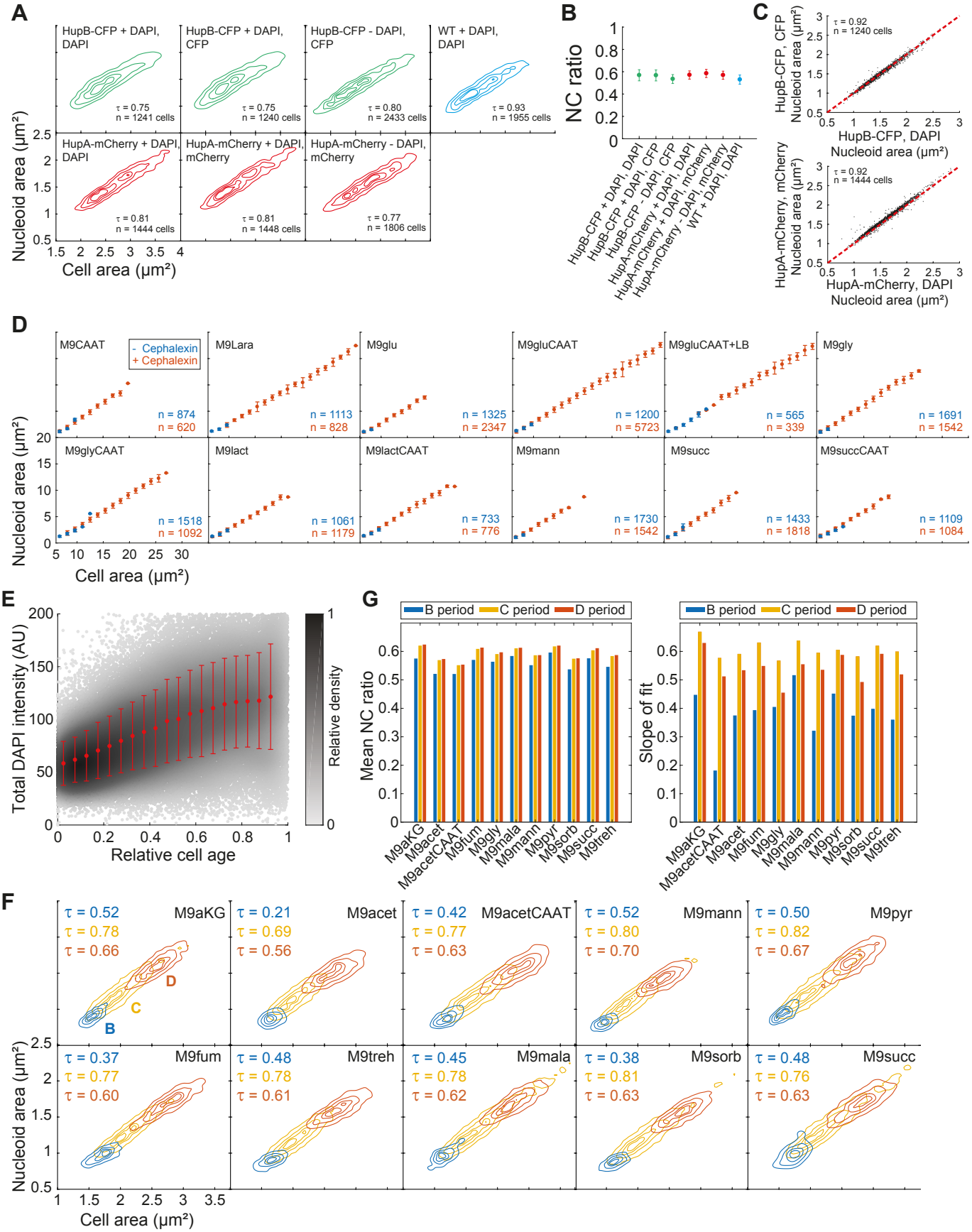
A
HupB-CFP + DAPI, DAPI
τ = 0.75
n = 1241 cells
HupB-CFP + DAPI, CFP
τ = 0.75
n = 1240 cells
HupB-CFP - DAPI, CFP
τ = 0.80
n = 2433 cells
WT + DAPI, DAPI
τ = 0.93
n = 1955 cells
HupA-mCherry + DAPI, DAPI
τ = 0.81
n = 1444 cells
HupA-mCherry + DAPI, mCherry
τ = 0.81
n = 1448 cells
HupA-mCherry - DAPI, mCherry
τ = 0.77
n = 1806 cells
Nucleoid area (μm²)
Cell area (μm²)
B
NC ratio
HupB-CFP + DAPI, DAPI
HupB-CFP + DAPI, CFP
HupB-CFP - DAPI, CFP
HupA-mCherry + DAPI, DAPI
HupA-mCherry + DAPI, mCherry
HupA-mCherry - DAPI, mCherry
WT + DAPI, DAPI
C
τ = 0.92
n = 1240 cells
HupB-CFP, CFP Nucleoid area (μm²)
HupB-CFP, DAPI Nucleoid area (μm²)
τ = 0.92
n = 1444 cells
HupA-mCherry, mCherry Nucleoid area (μm²)
HupA-mCherry, DAPI Nucleoid area (μm²)
D
- Cephalexin
+ Cephalexin
M9CAAT
n = 874
n = 620
M9Lara
n = 1113
n = 828
M9glu
n = 1325
n = 2347
M9gluCAAT
n = 1200
n = 5723
M9gluCAAT+LB
n = 565
n = 339
M9gly
n = 1691
n = 1542
M9glyCAAT
n = 1518
n = 1092
M9lact
n = 1061
n = 1179
M9lactCAAT
n = 733
n = 776
M9mann
n = 1730
n = 1542
M9succ
n = 1433
n = 1818
M9succCAAT
n = 1109
n = 1084
Nucleoid area (μm²)
Cell area (μm²)
E
Total DAPI intensity (AU)
Relative cell age
Relative density
G
B period
C period
D period
Mean NC ratio
Slope of fit
M9aKG
M9acet
M9acetCAAT
M9fum
M9gly
M9mala
M9mann
M9pyr
M9sorb
M9succ
M9treh
F
τ = 0.52
τ = 0.78
τ = 0.66
M9aKG
τ = 0.21
τ = 0.69
τ = 0.56
M9acet
τ = 0.42
τ = 0.77
τ = 0.63
M9acetCAAT
τ = 0.52
τ = 0.80
τ = 0.70
M9mann
τ = 0.50
τ = 0.82
τ = 0.67
M9pyr
τ = 0.37
τ = 0.77
τ = 0.60
M9fum
τ = 0.48
τ = 0.78
τ = 0.61
M9treh
τ = 0.45
τ = 0.78
τ = 0.62
M9mala
τ = 0.38
τ = 0.81
τ = 0.63
M9sorb
τ = 0.48
τ = 0.76
τ = 0.63
M9succ
B
C
D
Nucleoid area (μm²)
Cell area (μm²)