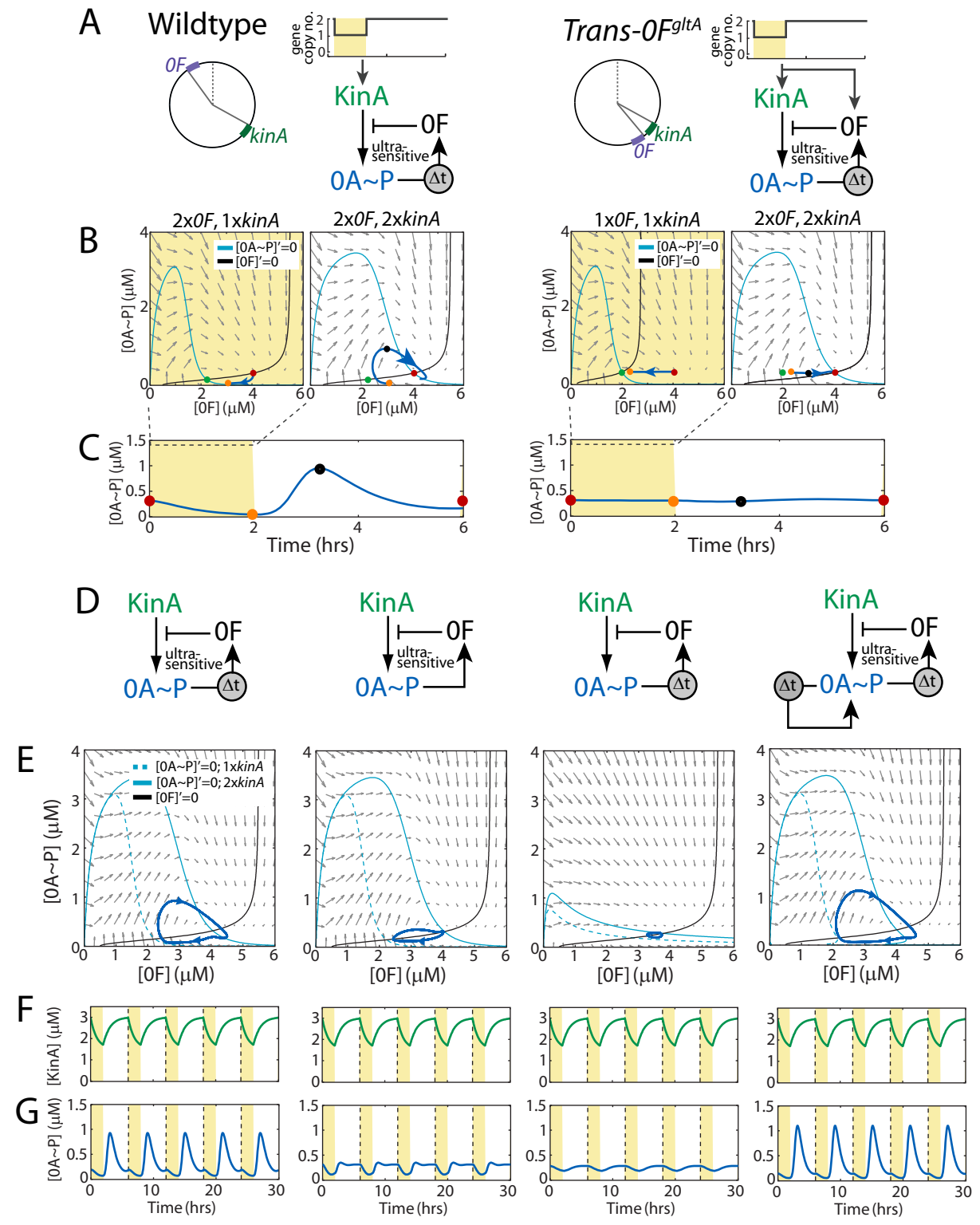
A
Wildtype
Trans-0F^gltA
gene copy no.
0F
kinA
KinA
ultra-sensitive
0A~P
Δt
B
2x0F, 1xkinA
2x0F, 2xkinA
1x0F, 1xkinA
[0A~P]'=0
[0F]'=0
[0A~P] (μM)
[0F] (μM)
C
Time (hrs)
D
E
[0A~P]'=0; 1xkinA
[0A~P]'=0; 2xkinA
F
[KinA] (μM)
G