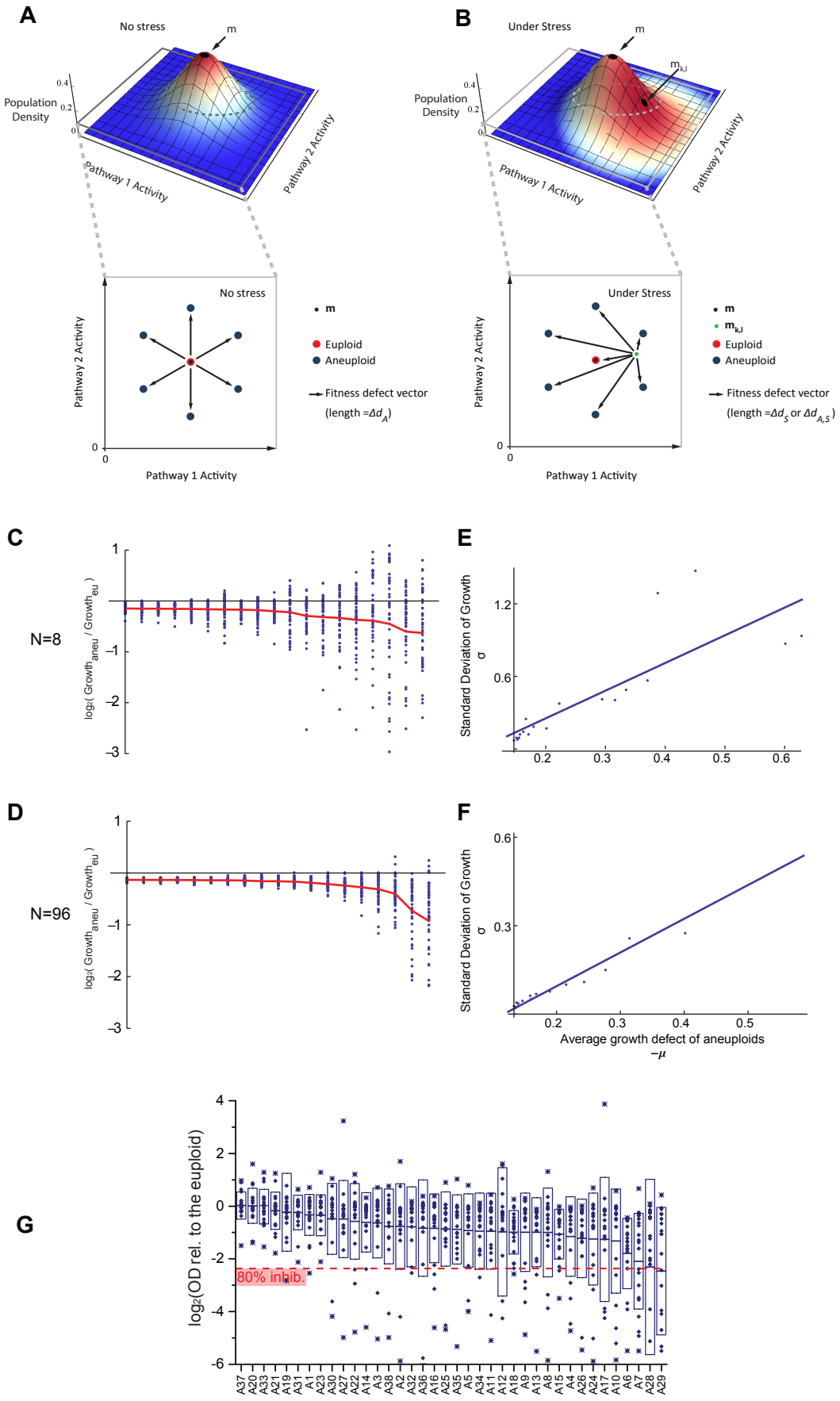
Figure S1


A
No stress
m
Population Density
0.4
0.2
0
Pathway 1 Activity
Pathway 2 Activity
No stress
Pathway 2 Activity
Pathway 1 Activity
0
0
m
Euploid
Aneuploid
Fitness defect vector
(length =Δd_A)
B
Under Stress
m
m_k,l
Population Density
0.4
0.2
0
Pathway 1 Activity
Pathway 2 Activity
Under Stress
Pathway 2 Activity
Pathway 1 Activity
0
0
m
m_k,l
Euploid
Aneuploid
Fitness defect vector
(length =Δd_S or Δd_A,S)
C
N=8
log2(Growth_aneu / Growth_eu)
1
−1
−2
−3
E
Standard Deviation of Growth
σ
1.2
0.6
0.2
0.3
0.4
0.5
0.6
D
N=96
log2(Growth_aneu / Growth_eu)
1
−1
−2
−3
F
Standard Deviation of Growth
σ
0.6
0.3
0.2
0.3
0.4
0.5
Average growth defect of aneuploids
−μ
G
log2(OD rel. to the euploid)
4
2
0
-2
-4
-6
80% inhib.
A37 A20 A33 A21 A19 A31 A1 A23 A30 A27 A22 A14 A3 A38 A2 A32 A36 A16 A25 A35 A5 A34 A11 A12 A18 A9 A13 A8 A15 A4 A26 A24 A17 A10 A6 A7 A28 A29