

Table S2: **Heterogeneity of the cell populations.** Heterogeneity was quantified as the generalized standard deviation (GSD), i.e. the square root of the determinant of the covariance matrix of λ , ω , and the normalized amplitude for the damped model, and for λ , ω , the normalized amplitude, and amplitude CV (σ_r/A) for the self-sustained model.

Cell type	GSD, damped model	GSD, self-sustained model
WT	0.029	0.019
<i>Cry1</i> ^{-/-} mutant	0.0091	0.0050
<i>Cry2</i> ^{-/-} mutant	0.014	0.00041
<i>Per1</i> ^{-/-} mutant	0.011	0.0098