

**Table S3. Estimates of parameters of the cell population model in control and in cells exposed to 10, 100, and 1000 nM AZD8055.**

	$\alpha$ (hr <sup>-1</sup> )	$\mu'$ (hr <sup>-1</sup> )	$\mu''$ (hr <sup>-1</sup> )	$T_2$ (hr)	$T_3$ (hr)	$\lambda_1$ (hr <sup>-1</sup> )
Control	$7.43 \cdot 10^{-3}$	$8.52 \cdot 10^{-3}$	$1.81 \cdot 10^{-1}$	10.61	8.73	$3.4 \cdot 10^{-2}$
10 nM	$-1.42 \cdot 10^{-2}$	$1.62 \cdot 10^{-2}$	$1.98 \cdot 10^{-1}$	87.82	52.89	$3.82 \cdot 10^{-3}$
100 nM	$-2.12 \cdot 10^{-2}$	$2.16 \cdot 10^{-2}$	$1.1 \cdot 10^{-1}$	97.91	72.6	$4.56 \cdot 10^{-4}$
1000 nM	$-3.69 \cdot 10^{-2}$	$3.72 \cdot 10^{-2}$	$8.8 \cdot 10^{-2}$	97.16	77.07	$3.81 \cdot 10^{-4}$