

A	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	n
B	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
C	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
D	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
E	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
F	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	n	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
G	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
H	blank	MG1655_1	MG1655_2	3.18_1	3.18_2	HW_1	HW_2	WTHw_1	WTHw_2	lacOVS_1	lacOVS_2	blank
	1	2	3	4	5	6	7	8	9	10	11	12

Figure 1 displays a 12x8 grid of heatmaps, labeled A through H on the left and 1 through 12 on the bottom. The grid is divided into four quadrants by a vertical line between columns 6 and 7. The top half (rows A-D) shows the effect of varying the growth rate parameter ( $\mu_{max}$ ) from 0.5 to 1.0. The bottom half (rows E-H) shows the effect of varying the death rate parameter ( $\delta$ ) from 0.5 to 1.0. The color scale ranges from 0 (white) to 1 (black). The heatmaps show that the growth rate parameter has a strong effect on the growth rate, while the death rate parameter has a weaker effect. The effect of the death rate parameter is more pronounced in the bottom half of the grid (rows E-H) than in the top half (rows A-D).

[illegible]