

	strain											
A	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
B	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
C	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
D	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
E	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
F	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
G	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
H	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	blank
	1	2	3	4	5	6	7	8	9	10	11	12

Figure 1: Heatmap of the media dataset. The heatmap displays a 12x8 grid of data points. The columns are labeled 1 through 12, and the rows are labeled A through H. The color scale ranges from 0.0 (dark blue) to 1.0 (dark red). The data shows a clear pattern of high values (red) in the top-left corner (rows A-D, columns 1-4) and low values (blue) in the bottom-right corner (rows E-H, columns 10-12).

A	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s
B	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s	0.0_μg/ml_3s
C	0.0_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.0_μg/ml_3s
D	0.0_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.44_μg/ml_3s	0.0_μg/ml_3s
E	0.0_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.0_μg/ml_3s
F	0.0_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.72_μg/ml_3s	0.0_μg/ml_3s
G	0.0_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	0.0_μg/ml_3s
H	0.0_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	1.18_μg/ml_3s	0.0_μg/ml_3s
	1	2	3	4	5	6	7	8	9	10	11	12