

	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	...
B	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
C	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
D	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
E	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
F	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
G	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
H	blank	MD1655_1	MD1655_2	3.19_1	3.19_2	RW_1	RW_2	WTlac_1	WTlac_2	lacOVS_1	lacOVS_2	...
	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).

	pos_selection											
A	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h
B	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h	0.0_μg/ml_h
C	0.0_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.0_μg/ml_h
D	0.0_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.22_μg/ml_h	0.0_μg/ml_h
E	0.0_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.0_μg/ml_h
F	0.0_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.36_μg/ml_h	0.0_μg/ml_h
G	0.0_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.0_μg/ml_h
H	0.0_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.59_μg/ml_h	0.0_μg/ml_h
	1	2	3	4	5	6	7	8	9	10	11	12