

	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 is a heatmap illustrating the relative abundance of 12 bacterial taxa (numbered 1 to 12 on the x-axis) across 8 different media types (labeled A through H on the y-axis). The color scale represents relative abundance, ranging from 0 (white) to 1 (dark blue). The taxa are grouped into three clusters: 1-4, 5-8, and 9-12. Media A and B show high abundance for taxa 1-4, while media G and H show high abundance for taxa 9-12. Media C and D show moderate abundance for taxa 1-4, and media E and F show moderate abundance for taxa 5-8.

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