

Heatmap showing the distribution of 12 strains across 8 categories (A-H). The strains are: Blank, MD1055\_1, 3.19\_1, RW\_1, MD1055\_1, 3.19\_1, RW\_1, WTlac\_1, lacOVS\_1, MD1055\_1, Blank, Blank. The categories are: A, B, C, D, E, F, G, H. The color scale ranges from 0 (dark) to 1 (light).

	1	2	3	4	5	6	7	8	9	10	11	12
A	Blank	MD1055_1	3.19_1	RW_1	MD1055_1	3.19_1	RW_1	WTlac_1	lacOVS_1	MD1055_1	Blank	Blank
B	WTlac_1	lacOVS_1	MD1055_2	3.19_2	MD1055_2	3.19_2	RW_2	WTlac_2	lacOVS_2	3.19_1	RW_1	WTlac_2
C	RW_2	WTlac_2	lacOVS_2	MD1055_1	MD1055_1	3.19_1	RW_1	WTlac_1	lacOVS_1	lacOVS_1	MD1055_2	3.19_2
D	3.19_1	RW_1	WTlac_1	lacOVS_1	MD1055_2	3.19_2	RW_2	WTlac_2	lacOVS_2	RW_2	WTlac_2	lacOVS_2
E	MD1055_2	3.19_2	RW_2	WTlac_2	MD1055_1	3.19_1	RW_1	WTlac_1	lacOVS_1	MD1055_1	3.19_1	RW_1
F	lacOVS_2	MD1055_1	3.19_1	RW_1	MD1055_2	3.19_2	RW_2	WTlac_2	lacOVS_2	WTlac_1	lacOVS_1	MD1055_2
G	WTlac_1	lacOVS_1	MD1055_2	3.19_2	MD1055_1	3.19_1	RW_1	WTlac_1	lacOVS_1	3.19_2	RW_2	WTlac_2
H	Blank	RW_2	WTlac_2	lacOVS_2	MD1055_2	3.19_2	RW_2	WTlac_2	lacOVS_2	lacOVS_2	Blank	Blank

media

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.0	0.1	0.2	0.3	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1
B	0.1	0.2	0.3	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2
C	0.2	0.3	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3
D	0.3	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
E	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4	0.5
F	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.4
G	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4	0.5	0.4	0.3
H	0.3	0.4	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00
B	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00
D	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00
E	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00
F	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00
G	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00
H	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00