

Table S1.**A. Capsule thickness after chemical treatment**

Strain	Average size (μm)	$\pm\text{SEM}$
Control (-/-)	2.7	0.04
CHX (-/+)	1.9	0.05
CHX (+/+)	0.3	0.03
CHX (+/-)	3.0	0.07
Control (-/-)	2.7	0.04
PHN (-/+)	2.0	0.08
PHN (+/+)	0.4	0.03
PHN (+/-)	1.6	0.17

B. Capsule thickness of mutant strains

Strain	Average size, difference from wild type* (μm)	$\pm\text{SEM}$
WT	0	0.01
<i>usv101</i> Δ	0.4	0.02
<i>USV101</i>	-0.3	0.03
<i>USV101</i> _{OE}	-0.6	0.03
WT	0	0.01
<i>uxs1</i> Δ	-1.6	0.05
<i>UXS1</i>	0	0.05
<i>UXS1</i> _{OE}	0.3	0.05
WT	0	0.01
<i>usv101</i> Δ	0.4	0.02
<i>gat201</i> Δ	-2.4	0.03
<i>gat201usv101</i> Δ	-2.3	0.01
<i>rim101</i> Δ	-2.0	0.04
<i>rim101usv101</i> Δ	-0.9	0.04
<i>sp1</i> Δ	-2.1	0.03
<i>sp1usv101</i> Δ	-1.6	0.02
WT	0	0.01
<i>usv101</i> Δ	0.4	0.02
Promoter A	-2.8	0.03
Promoter B	-1.3	0.09
Promoter C	-0.2	0.05
Promoter D	-1.9	0.03

*Average for WT over all experiments was 3.1 microns