

Supplementary Table S2. List of phages used in this study.

<i>S. aureus</i> phages	Viral taxonomy ^a		Incubation temperature for phage propagation ^b	Amplified host bacteria	Culture media ^c	Morphology (mean ± SD; nm) ^d		Genome size (kbp)	Description/ references
	Family	Genus				Head diameter	Tail length		
S6	<i>Myoviridae</i>	Not assigned	30 °C	<i>S. aureus</i> SA27	TSB	118.1 ± 8.5	236.9 ± 6.6	270	This study
80	<i>Siphoviridae</i>	N.A.	37 °C	<i>S. aureus</i> RN4220	TSBM			42	Chrstie <i>et al.</i> , 2010
φMR25	<i>Siphoviridae</i>	N.A.	37 °C	<i>S. aureus</i> RN4220	TSBM	57 ± 2	198 ± 19	44	Hoshiba <i>et al.</i> , 2010
S13'	<i>Podoviridae</i>	AHJD-like viruses	37 °C	<i>S. aureus</i> SA27	TSB	43.2 ± 2.3	32.1 ± 3.8	19	Takemura-Uchiyama <i>et al.</i> , 2013
S25-3	<i>Myoviridae</i>	Twort-like viruses	37 °C	<i>S. aureus</i> SA27	TSB	86.3 ± 3.9	242.5 ± 11.1	138	Takemura-Uchiyama <i>et al.</i> , 2013

^a, N.A., not assigned.

^b, Phage S6 had a stronger lytic activity at 30°C than at 37°C (see Figure S3).

^c, TSB, tryptic soy broth; TSBM, TSB supplemented with 20 mM MgCl₂.

^d, SD, standard deviation.