

Table S1. Phage genomes obtained from GenBank that were used to aid the phylogenetic and taxonomic classification of prophages detected among the 250 *Listeria monocytogenes* genomes from this study.

Phage name	Accession	Family	Genus	Host
A006	NC_009815.1	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
A118	NC_003216.1	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
A500	NC_009810.1	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
A511	NC_009811.2	<i>Herelleviridae</i>	<i>Pecentumvirus</i>	<i>Listeria</i>
B025	NC_009812.1	<i>Siphoviridae</i>	<i>Psavirus</i>	<i>Listeria</i>
B054	NC_009813.1	<i>Myoviridae</i>	unclassified	<i>Listeria</i>
Javan630	MK448997.1	<i>Siphoviridae</i>	unclassified	<i>Streptococcus</i>
LP-030-2	NC_021539.2	<i>Siphoviridae</i>	<i>Psavirus</i>	<i>Listeria</i>
LP-030-3	NC_024384.1	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
LP-037	NC_021787.2	<i>Siphoviridae</i>	<i>Homburgvirus</i>	<i>Listeria</i>
LP-048	NC_024359.1	<i>Herelleviridae</i>	<i>Pecentumvirus</i>	<i>Listeria</i>
LP-101	NC_024387.1	<i>Siphoviridae</i>	<i>Psavirus</i>	<i>Listeria</i>
LP-HM00113468	MT500540.1	<i>Siphoviridae</i>	<i>Psavirus</i>	<i>Listeria</i>
P100	NC_007610.1	<i>Herelleviridae</i>	<i>Pecentumvirus</i>	<i>Listeria</i>
P70	NC_018831.1	<i>Siphoviridae</i>	<i>Homburgvirus</i>	<i>Listeria</i>
PSA	NC_003291	<i>Siphoviridae</i>	<i>Psavirus</i>	<i>Listeria</i>
PSU-VKH-LP019	MH341451	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
PSU-VKH-LP040	MH341452	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>
PSU-VKH-LP041	MH341453	<i>Myoviridae</i>	unclassified	<i>Listeria</i>
vB_LmoS_188	NC_028871.1	<i>Siphoviridae</i>	unclassified	<i>Listeria</i>