

1 *Table S2*

Bacterial Host	Bacteriophage	Interaction	Citation
Achromobacter xylosoxidans	Pbunalikevirus phiFenriz	Negative	Malki, <i>et al.</i> 2015.
Achromobacter xylosoxidans	Pbunalikevirus phiHabibi	Negative	Malki, <i>et al.</i> 2015.
Achromobacter xylosoxidans	Pbunalikevirus phiMoody	Negative	Malki, <i>et al.</i> 2015.
Achromobacter xylosoxidans	Pbunalikevirus phiVader	Negative	Malki, <i>et al.</i> 2015.
Acinetobacter baumannii	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
Acinetobacter baumannii	Acinetobacter phage Petty	Positive	Edwards <i>et al.</i> 2015.
Arthrobacter sp.	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sp.	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sp.	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sp.	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sulfonivorans	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sulfonivorans	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sulfonivorans	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.
Arthrobacter sulfonivorans	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Bacillus pumilus	Enterobacteria phage phi92	Negative	Schwarzer, <i>et al.</i> 2012.
Bacillus pumilus	Enterobacteria phage K1F	Negative	Schwarzer, <i>et al.</i> 2012.
Bacillus amyloliquefaciens	Enterobacteria phage phi92	Negative	Schwarzer, <i>et al.</i> 2012.
Bacillus amyloliquefaciens	Enterobacteria phage K1F	Negative	Schwarzer, <i>et al.</i> 2012.
Bacillus subtilis	Enterobacteria phage phi92	Negative	Schwarzer, <i>et al.</i> 2012.
Bacillus subtilis	Enterobacteria phage K1F	Negative	Schwarzer, <i>et al.</i> 2012.

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Burkholderia cenocepacia	Burkholderia phage KL1	Positive	Hargreaves, <i>et al.</i> 2014.
Burkholderia cenocepacia	Burkholderia phage KS14	Positive	Edwards <i>et al.</i> 2015.
Chryseobacterium sp.	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Chryseobacterium sp.	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Chryseobacterium sp.	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.
Chryseobacterium sp.	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Clostridium perfringens	Clostridium phage phiCP7R	Positive	Edwards <i>et al.</i> 2015.
Clostridium perfringens	Clostridium phage phiZP2	Positive	Edwards <i>et al.</i> 2015.
Corynebacterium glutamicum	Corynebacterium phage P1201	Positive	Edwards <i>et al.</i> 2015.
Cronobacter sakazakii	Cronobacter phage CR5	Positive	Edwards <i>et al.</i> 2015.
Escherichia coli	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Escherichia coli	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.
Escherichia coli	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Escherichia coli	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Escherichia coli	Pseudomonas aeruginosa phage F116	Negative	Jensen <i>et al.</i> 1998.
Escherichia coli	Pseudomonas phage D3	Negative	Jensen <i>et al.</i> 1998.
Enterobacter aerogenes	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
Erwinia amylovora	Erwinia phage phiEaH2	Positive	Edwards <i>et al.</i> 2015.
Escherichia coli	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
Escherichia coli	Enterobacteria phage K1F	Positive	Schwarzer, <i>et al.</i> 2012.
Escherichia coli	Enterobacteria phage phi92	Positive	Schwarzer, <i>et al.</i> 2012.
Klebsiella pneumoniae	Klebsiella phage KP15	Positive	Edwards <i>et al.</i> 2015.
Lactococcus lactis	Lactococcus phage 949	Positive	Edwards <i>et al.</i> 2015.
Lactococcus lactis	Lactococcus phage phiL47	Positive	Edwards <i>et al.</i> 2015.
Listeria monocytogenes	Pseudomonas phage PA1phi	Positive	Kim <i>et al.</i> 2012.
Microbacterium sp.	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Microbacterium sp.	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.

Bacterial Host	Bacteriophage	Interaction	Citation
Microbacterium sp.	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Microbacterium sp.	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Mycobacterium smegmatis	Mycobacterium phage SWU1	Positive	Edwards <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pbunalikevirus phiMoody	Positive	Malki, <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pbunalikevirus phiVader	Positive	Malki, <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pbunalikevirus phiFenriz	Positive	Malki, <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pbunalikevirus phiHabibi	Positive	Malki, <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pseudomonas aeruginosa phage F116	Positive	Jensen <i>et al.</i> 1998.
Pseudomonas aeruginosa	Pseudomonas phage D3	Positive	Jensen <i>et al.</i> 1998.
Photobacterium angustum	Vibrio phage KVP40	Negative	Matsuza <i>et al.</i> 1992.
Photobacterium leiognathi	Vibrio phage KVP40	Positive	Matsuza <i>et al.</i> 1992.
Propionibacterium acnes	Propionibacterium phage PHL112N00	Positive	Edwards <i>et al.</i> 2015.
Pseudomonas aeruginosa	Pseudomonas phage PA1phi	Positive	Kim <i>et al.</i> 2012.
Pseudomonas putida	Enterobacteria phage K1F	Negative	Schwarzer, <i>et al.</i> 2012.
Pseudomonas putida	Enterobacteria phage phi92	Negative	Schwarzer, <i>et al.</i> 2012.
Ralstonia solanacearum	Ralstonia phage RSM3	Positive	Edwards <i>et al.</i> 2015.
Ralstonia solanacearum	Ralstonia phage RSS1	Positive	Edwards <i>et al.</i> 2015.
Sphaerotilus natans	Pseudomonas aeruginosa phage F116	Positive	Jensen <i>et al.</i> 1998.
Sphaerotilus natans	Pseudomonas phage D3	Positive	Jensen <i>et al.</i> 1998.
Salmonella enterica	Pbunalikevirus phiFenriz	Negative	Malki, <i>et al.</i> 2015.
Salmonella enterica	Pbunalikevirus phiHabibi	Negative	Malki, <i>et al.</i> 2015.
Salmonella enterica	Salmonella phage FSL SP-058	Positive	Edwards <i>et al.</i> 2015.
Salmonella enterica	Pbunalikevirus phiVader	Negative	Malki, <i>et al.</i> 2015.
Salmonella enterica	Pbunalikevirus phiMoody	Negative	Malki, <i>et al.</i> 2015.
Salmonella enterica	Enterobacteria phage phi92	Positive	Schwarzer, <i>et al.</i> 2012.

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<i>Salmonella enterica</i>	Enterobacteria phage K1F	Negative	Schwarzer, <i>et al.</i> 2012.
<i>Serratia marcescens</i>	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
<i>Shigella boydii</i>	Pbunalikevirus phiVader	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella boydii</i>	Pbunalikevirus phiHabibi	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella boydii</i>	Pbunalikevirus phiFenriz	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella boydii</i>	Pbunalikevirus phiMoody	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella flexneri</i>	Pbunalikevirus phiFenriz	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella flexneri</i>	Pbunalikevirus phiVader	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella flexneri</i>	Pbunalikevirus phiMoody	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella flexneri</i>	Pbunalikevirus phiHabibi	Negative	Malki, <i>et al.</i> 2015.
<i>Shigella sonnei</i>	Pseudomonas phage PA1phi	Positive	Kim <i>et al.</i> 2012.
<i>Staphylococcus aureus</i>	Pseudomonas phage PA1phi	Positive	Kim <i>et al.</i> 2012.
<i>Staphylococcus epidermidis</i>	<i>Staphylococcus</i> phage CNPH82	Positive	Edwards <i>et al.</i> 2015.
<i>Staphylococcus epidermidis</i>	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
<i>Streptococcus agalactiae</i>	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
<i>Streptococcus gordonii</i>	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
<i>Streptococcus pneumoniae</i>	<i>Streptococcus</i> phage K13	Positive	Edwards <i>et al.</i> 2015.
<i>Streptococcus pneumoniae</i>	Pseudomonas phage PA1phi	Negative	Kim <i>et al.</i> 2012.
<i>Streptococcus salivarius</i>	Pseudomonas phage PA1phi	Positive	Kim <i>et al.</i> 2012.
<i>Thermus thermophilus</i>	<i>Thermus</i> phage TMA	Positive	Edwards <i>et al.</i> 2015.
<i>Vibrio natriegens</i>	<i>Vibrio</i> phage KVP40	Positive	Matsuza <i>et al.</i> 1992.
<i>Vibrio parahaemolyticus</i>	<i>Vibrio</i> phage KVP40	Positive	Matsuza <i>et al.</i> 1992.
<i>Vibrio vulnificus</i>	<i>Vibrio</i> phage KVP40	Negative	Matsuza <i>et al.</i> 1992.
<i>Xylella fastidiosa</i>	<i>Xylella</i> phage Xfas53	Positive	Edwards <i>et al.</i> 2015.