

44AHJD

putative encapsidation protein

DNA polymerase

12 (16)

10

1729 (16)

holin

tail protein

holin

minor structural protein

putative lower collar protein

putative upper collar protein

major capsid protein

PSa3

putative single stranded DNA binding protein (putative)

putative phage DNA packaging protein

putative phage DNA polymerase

putative phage peptidase

putative phage holin

putative phage tail fiber protein

putative phage tail fiber protein

putative phage lysin, N-acetylmuramoyl-L-alanineamidase

putative phage structural protein

putative phage collar protein

putative phage collar protein (head-tail connector)

putative phage capsid and scaffold protein

vB_SaUP_phiAGO1.3

single stranded DNA binding protein

DNA packaging protein

DNA polymerase

tail fibers protein

putative holin

tail fibers protein

lysine

putative major teichoic acid biosynthesis protein C

lower collar protein

collar protein

capsid and scaffold protein

vB_SaUP_phiAGO1.9

single stranded DNA binding protein

DNA packaging protein

DNA polymerase

tail fibers protein

putative holin

tail fibers protein

lysine

putative major teichoic acid biosynthesis protein C

lower collar protein

collar protein

capsid and scaffold protein

BP39

single stranded DNA-binding protein

DNA packaging protein

DNA polymerase

tail protein

holin

tail protein

N-acetylmuramoyl-L-alanine amidase

putative lower collar protein

putative upper collar protein

major capsid protein

SLPW

single stranded DNA-binding protein

DNA packaging protein

DNA polymerase

tail fibers protein

putative holin

tail fibers protein

minor tail protein

N-acetylmuramoyl-L-alanine amidase

putative major teichoic acid biosynthesis protein C

lower collar protein

collar protein

capsid and scaffold protein

GRCS

putative encapsidation protein

DNA polymerase

holin

putative amidase

major tail protein

putative minor tail protein

endolysin

putative minor structure protein

putative lower collar protein

putative upper collar protein

major capsid protein

SAP-2

putative encapsidation protein

DNA polymerase

tail protein

holin

amidase

minor structural protein

putative lower collar protein

putative upper collar protein

major capsid protein

SCH11

single stranded DNA-binding protein

DNA packaging protein

DNA polymerase

tail fibers protein

tail fibers protein

N-acetylmuramoyl-L-alanine amidase

putative major teichoic acid biosynthesis protein C

lower collar protein

collar protein

capsid and scaffold protein

SCH1

single stranded DNA-binding protein

DNA packaging protein

DNA polymerase

tail fibers protein

tail fibers protein

N-acetylmuramoyl-L-alanine amidase

collar protein

capsid and scaffold protein

S24-1

putative single stranded DNA binding protein

putative DNA polymerase

putative tail lysin

putative holin

structure protein

putative major tail protein

structure protein

putative minor tail protein

putative endolysin

structure protein

minor tail protein

putative upper collar protein

putative lower collar protein

major capsid protein

S13

putative single stranded DNA binding protein

putative DNA polymerase

putative tail lysin

putative holin

putative major tail protein

putative minor tail protein

putative endolysin

putative minor structure protein

putative lower collar protein

putative upper collar protein

putative major capsid protein

66

putative encapsidation protein

DNA polymerase

tail protein

putative lower collar protein

putative upper collar protein

major capsid protein

phiP68

putative encapsidation protein

DNA polymerase

holin

tail protein

minor tail protein

amidase

holin

minor structural protein

putative lower collar protein

putative upper collar protein

major capsid protein