	DpdA1	DpdA2	DpdA3	DpdA4	FolE	QueD	QueE	QueC	QueF	Gat-QueC	ArcS	CDGdC	PreQ1-met	PreQ1-for	YhhQ
Streptococcus phage Dp-1 (GCF_000893335.1)									2		À				
Dinoroseobacter phage vB_DshS-R5C (GCF_002619945.1) Arthrobacter phage Mufasa8 (GCF_009688685.1)									2		Ш				H
Vibrio phage VpKK5 (GCF_000955015.2)															
Escherichia phage CAjan (GCF_001501655.1) Escherichia phage slur01 (GCF_001502275.1)		H									Ш	Н	Н		
Escherichia phage Seurat (GCF_002149205.1)															
Mycobacterium phage Rosebush (GCF_000842345.1)															
Mycobacterium phage Qyrzula (GCF_000867445.1) Enterobacteria phage 9g (GCF_000920815.1)		H									Н	Н	H		Н
Enterobacteria phage JenP1 (GCF_001503035.1)															
Enterobacteria phage JenK1 (GCF_001503835.1) Enterobacteria phage JenP2 (GCF_001504635.1)		Н		Н							Н	Н	Н		H
Pseudomonas phage NP1 (GCF_001744715.1)															
Pseudomonas phage PaMx25 (GCF_002623005.1) Mycobacterium virus TA17a (GCF_002624685.1)		Н													
Salmonella phage SE1 (in:Nonagvirus) (GCF_002629925.1)															
Mycobacterium phage Godines (GCF_002756695.1)															
Mycobacterium phage Laurie (GCF_002757915.1) Pantoea phage vB_PagS_Vid5 (GCF_002997835.1)		H									Н	H	H		H
Gordonia phage Sour (GCF_003183085.1)															
Mycobacterium phage Saguaro (GCF_003613875.1) Arthrobacter phage Sonali (GCF_004147225.1)		Н									Н	Н	Н	H	Н
Mycobacterium phage CRB2 (GCF_004338005.1)															
Mycobacterium phage Quesadilla (GCF_009673525.1)															
Alteromonas phage vB_AcoS-R7M (GCF_013215495.1) Mycobacterium phage Bipper (GCF_001754405.1)															
Mycobacterium phage Typha (GCF_004520375.1)															
Burkholderia phage BcepGomr (GCF_000873805.1) Sinorhizobium phage phiLM21 (GCF_001534635.1)		\parallel				Н					Н	\vdash	\dashv	\vdash	
Mycobacterium phage Orion (GCF_000869205.1)															
Salmonella phage SPN3UB (GCF_000900935.1)															
Enterobacteria phage HK106 (GCF_000903655.1) Paenibacillus phage PG1 (GCF_000908775.1)															
Mycobacterium phage Newman (GCF_000909075.1)															
Mycobacterium phage Validus (GCF_000914435.1) Mycobacterium phage Suffolk (GCF_000914795.1)		Н		Н		Н	Н			Н	Н	Н	Н	H	Н
Mycobacterium virus Larva (GCF_000918635.1)															
Mycobacterium phage Oline (GCF_000919295.1)															
Mycobacterium phage JacAttac (GCF_000919375.1) Mycobacterium phage Vista (GCF_000919415.1)															
Mycobacterium phage ZoeJ (GCF_000920835.1)															
Mycobacterium phage Manad (GCF_000922975.1) Mycobacterium phage Soto (GCF_000925895.1)		H		\vdash		Н	\mathbb{H}			Н	Н	Н	\mathbb{H}	H	H
Mycobacterium phage Milly (GCF_000954675.1)															
Mycobacterium phage UncleHowie (GCF_001308715.1) Mycobacterium phage Apizium (GCF_001470115.1)		H			\mathbb{H}	Н	H			Н	Н	Н	Н		\mathbb{H}
Mycobacterium phage Badfish (GCF_001470175.1)															
Mycobacterium phage ShiVal (GCF_001470295.1)															
Mycobacterium phage Eremos (GCF_001470415.1) Mycobacterium phage Swish (GCF_001470715.1)		H					Н					Н			Н
Mycobacterium phage Pops (GCF_001470755.1)															
Mycobacterium phage Colbert (GCF_001471015.1) Mycobacterium phage Mufasa (GCF_001503275.1)		\mathbb{H}					Н						Ш		
Mycobacterium phage Vortex (GCF_001503635.1)															
Mycobacterium phage Murucutumbu (GCF_001504515.1)															
Mycobacterium phage Enkosi (GCF_001504975.1) Mycobacterium phage Kratio (GCF_001505055.1)		\exists					\exists								
Mycobacterium phage Phipps (GCF_001505255.1)															
Mycobacterium phage OSmaximus (GCF_001505495.1) Mycobacterium phage Kikipoo (GCF_001505895.1)		\parallel		\vdash	H	\vdash	\exists				\vdash	片	\vdash	\vdash	\mathbb{H}
Mycobacterium virus Macncheese (GCF_002602405.1)															
Mycobacterium phage Urkel (GCF_002614635.1) Mycobacterium phage Amelie (GCF_002614685.1)										\square	\Box		\square	F	
Mycobacterium phage Shandong1 (GCF_002623505.1)															
Mycobacterium phage Amohnition (GCF_002626705.1)															
Mycobacterium phage DarthP (GCF_002626805.1) Mycobacterium phage Findley (GCF_002626865.1)															
Mycobacterium phage Bella96 (GCF_002627585.1)		\Box													
Mycobacterium phage PG1 (GCF_002758395.1) Mycobacterium phage LaterM (GCF_003014335.1)		\parallel				Н	\parallel			Н	Н		\parallel	\vdash	
Mycobacterium phage Paola (GCF_003014365.1)															
Mycobacterium phage Beezoo (GCF_003342475.1) Mycobacterium phage Thyatira (GCF_003366395.1)										\square				F	
Mycobacterium phage Collard (GCF_003442675.1)															
Mycobacterium phage Prithvi (GCF_003722775.1)															
Mycobacterium phage KiSi (GCF_004139015.1) Mycobacterium phage Nibb (GCF_004148025.1)														\vdash	
Mycobacterium Phage Niklas (GCF_004520755.1)															
Mycobacterium phage Yuna (GCF_008939385.1) Mycobacterium phage Zavala (GCF_008939825.1)															
Mycobacterium phage Ekdilam (GCF_008939845.1)															
Mycobacterium phage Marshawn (GCF_009186385.1)															
Mycobacterium phage MarkPhew (GCF_012934025.1) Mycobacterium phage Chris (GCF_012934035.1)							\parallel						\parallel		
Mycobacterium phage Ellie (GCF_014337815.1)															
Mycobacterium phage FF47 (GCF_000907175.1) Mycobacterium phage Muddy (GCF_000913315.1)	님													F	
Mycobacterium phage Muddy (GCF_000913315.1) Mycobacterium phage DS6A (GCF_000917695.1)															
Rhodococcus phage ReqiPine5 (GCF_000918695.1)	$\vec{\Box}$	\Box													
Mycobacterium phage Ksquared (GCF_002625925.1) Mycobacterium phage Majeke (GCF_002628725.1)	님					Н	\parallel			Н	Н	\vdash	\dashv	\vdash	
Mycobacterium phage Arib1 (GCF_002744315.1)															
Mycobacterium phage GreaseLightnin (GCF_004520815.1)															