

Table 14. BLAST analysis of the putative *M. smithii* prophage

<i>M. smithii</i> Protein	Phage Protein Sequence ID*	Function	HMM Annotation	Phage HMM	E value
MSM1640	5417	unknown	Phage_integrase: Phage integrase family	PF00589	2.30E-06
MSM1654	5721	Gp40	ERF: ERF superfamily	PF04404	6.90E-11
MSM1671	5397	large terminase subunit	psiM2_ORF9: phage uncharacterized protein, C-terminal domain	TIGR01630	0.0042
MSM1672	5398	portal protein	portal_PBSX: phage portal protein, PBSX family	TIGR01540	6.70E-12
MSM1675	6246	putative structural protein			
MSM1677	6247	putative structural protein			
MSM1684	20206	ORF001	TMP: TMP repeat	PF05017	0.0036
MSM1691	6262	PeiW			

* - from the Phage Sequence Databank