

**Table S1.** Proteins identified in mass spectrometry of bacteriophage preparations from *B. grahamii* strains as4aup and af165up and *B. henselae* strain GreekCat-23. Sizes are based on estimations from SDS-PAGE, and should be regarded as rough. For *B. henselae* genes, the locus\_tag of the most similar gene in *B. grahamii* is shown within parentheses.

*B. grahamii* strain as4aup grown on hematin agar plates.

Size (kDa)	Locus_tag	Annotation	Note
50	Bgr_03370/Bgr_08800	phage tail sheath protein FI	<i>prophage I</i>
47	Bgr_16730	phage related protein	<i>phage cluster II</i>
47	Bgr_16380	outer membrane protein	bacterial protein?
44	Bgr_03530/Bgr_09020	phage protein Gp20	<i>prophage I</i>
34	Bgr_07490	hemin binding protein A	bacterial protein?
32	Bgr_02670/Bgr_02650	hemin binding protein A	bacterial protein?

*B. grahamii* strain af165up grown on hematin agar plates.

Size (kDa)	Locus_tag	Annotation	Note
47	Bgr_03370/Bgr_08800	phage tail sheath protein FI	<i>prophage I</i>
47	Bgr_16730	phage related protein	<i>phage cluster II</i>
44	Bgr_03530/Bgr_09020	phage protein Gp20	<i>prophage I</i>
34	Bgr_07490	hemin binding protein A	bacterial protein?
32	Bgr_02670/Bgr_02650	hemin binding protein A	bacterial protein?

*B. henselae* strain GreekCat-23 grown on hematin agar plates.

Size (kDa)	Locus_tag	Annotation	Note
47	BH13990 (Bgr_16710)	phage related protein	<i>phage cluster II</i>
35	BH02560 (Bgr_02650)	hemin binding protein A	bacterial protein?

*B. henselae* strain GreekCat-23 grown in liquid medium in the absence of hemin.

Size (kDa)	Locus_tag	Annotation	Note
54	BH13990 (Bgr_16710)	hypothetical protein	<i>phage cluster II</i>
47	BH14010 (Bgr_16730)	phage related protein	<i>phage cluster II</i>
40	BH13960 (Bgr_16680)	putative phage tail protein	<i>phage cluster II</i>