

Supplementary Table 10. Lipoprotein processing enzymes and putative lipoproteins in *N. helminthoeca*

Locus ID	Protein Name	Protein Length	LipoBox Sequences ¹
<u>Lipoprotein processing enzymes:</u>			
NHE_RS03645	prolipoprotein diacylglyceryl transferase (Lgt)	264	n/a
NHE_RS03900	signal peptidase II (LspA)	167	n/a
NHE_RS02065	apolipoprotein N-acyltransferase (Lnt)	472	n/a
<u>Predicted Lipoproteins:</u>			
NHE_RS00570	efflux transporter, RND family, MFP subunit	342	IFLCS CLKDS
NHE_RS00745	acriflavine resistance protein AcrB	1023	FGSYA CFVIP
NHE_RS01690	CBS domain protein	421	SLLLS CVFSG
NHE_RS01870	beta-ketoacyl-[acyl-carrier-protein] synthase II	416	LGLVT CLSSK
NHE_RS02525	conserved hypothetical protein	323	FSLSS CAKRG
NHE_RS02980	D-alanyl-D-alanine carboxypeptidase	284	SSLAH CTSAI
NHE_RS03040	outer membrane protein assembly complex YaeT	744	LFLDP CLAEN
NHE_RS03070	pentapeptide repeat domain protein	552	CSSAD CSHTS
NHE_RS03100	conserved hypothetical protein	304	LCFAP CHSLE
NHE_RS03665	type IV secretion system protein VirB6-4	1069	FTFSG CDHCE
NHE_RS03670	type IV secretion system protein VirB6-3	1243	FLFNG CDIEC
NHE_RS03785	peptidoglycan-associated lipoprotein (PAL/OmpA)	200	LLMSG CFKKG
NHE_RS03940	BamD lipoprotein	235	LWVSG CTPGK

¹ Putative lipoprotein was predicted by LipoP 1.0 (<http://www.cbs.dtu.dk/services/LipoP>). “|” indicate the predicted signal peptidase II cleavage site.