

**Table S1. Mass Spectrometry (MS) analysis of Prokaryotic products**

Location	Sequence	Mass
1-35	LPVAPVPGKMLETVKTLQHPQKGQSFSGSVFSR	3750.1514
36-47	ETLNKMDGDKR	1423.6208
86-95	YLQEMVTLLR	1274.4463
158-162	AAKFR	593.6307