

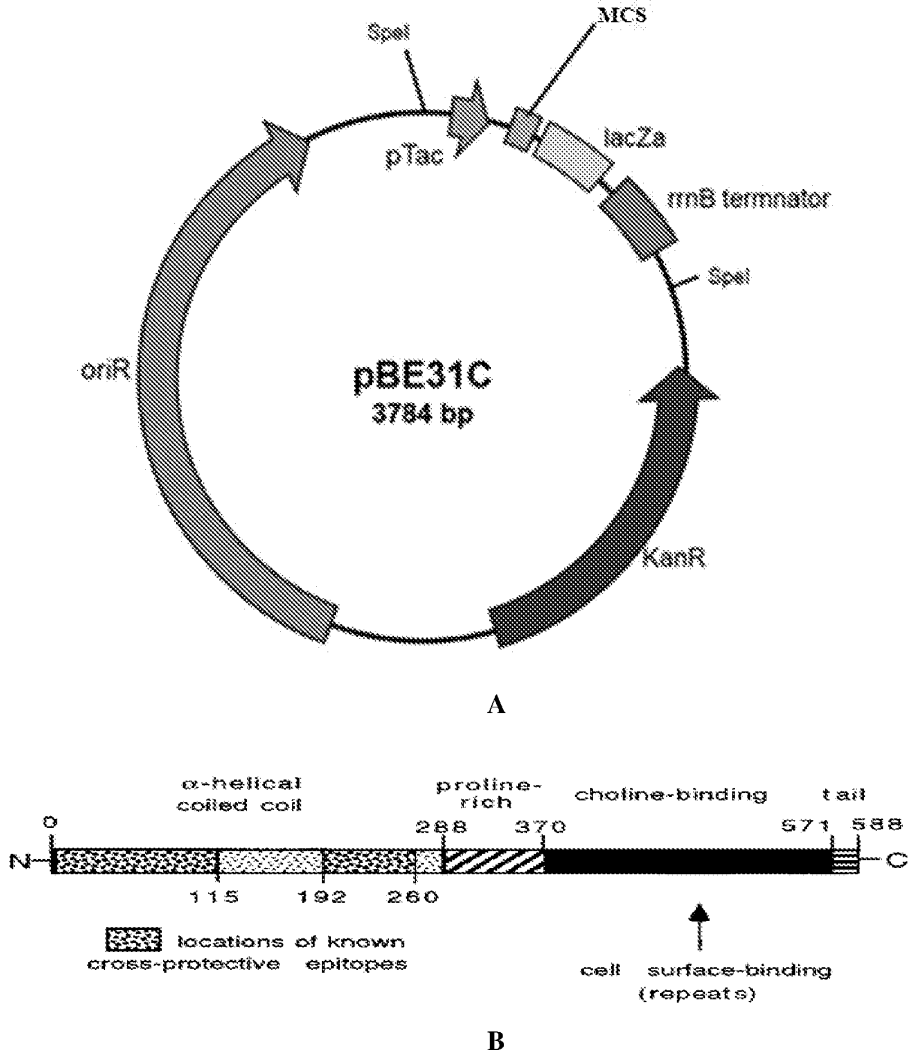
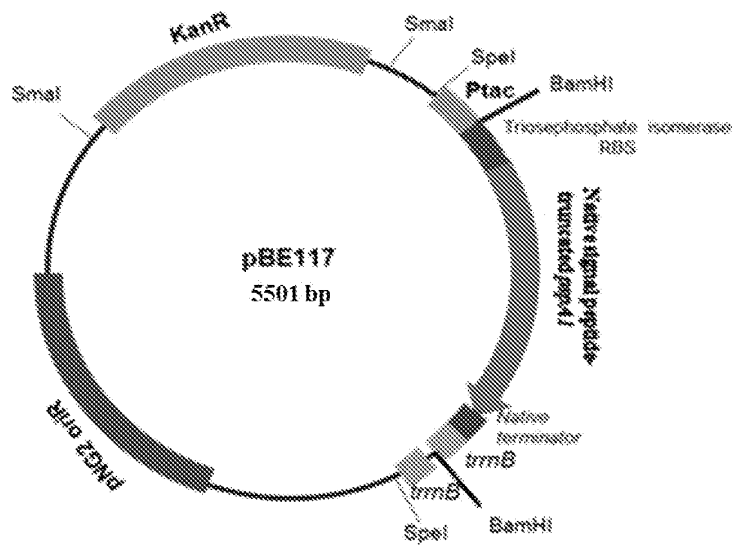
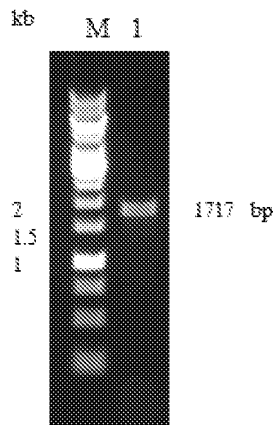


FIGURE 1



C



D

FIGURE 1 (cont.)

Protein sequence coverage: 31%

Underlined are the matched peptides

1 ASSTTVVRAE DAPVANQSKA EKDYDAARRD AEKAFKALED AKFAQKKYED
 51 DQKITEEKAE EEKKASQEQQ KANLDTQQL KYTHNEDSK KFQNLQKQNG
 101 EAKNDKRNQ AEFYKTPSNV IFSAELTET ENKAREAKAK EPFLTKYVKE
 151 AHEKVTEAFQ ELDARRAEIV ALQAKIARLE NEVERLSTKL KETDSDSDSD
 201 YVEZGLRAPE QSELSAQAK LSKLEKLSOK IEELDARIAN LEKQVEDFYK
 251 SDGYSALYL EAAENDLAAN KAELEKTEAD LKHAVNEPEK PAPAFETTPAP
 301 SAPAEQPKPA PAPQAPAPPK PEKPAEQPKP EXTDQQAEE DYARRSKKEY
 351 NRLTQQQPTK AEKPAFAPKP EQPAPGT

FIGURE 2

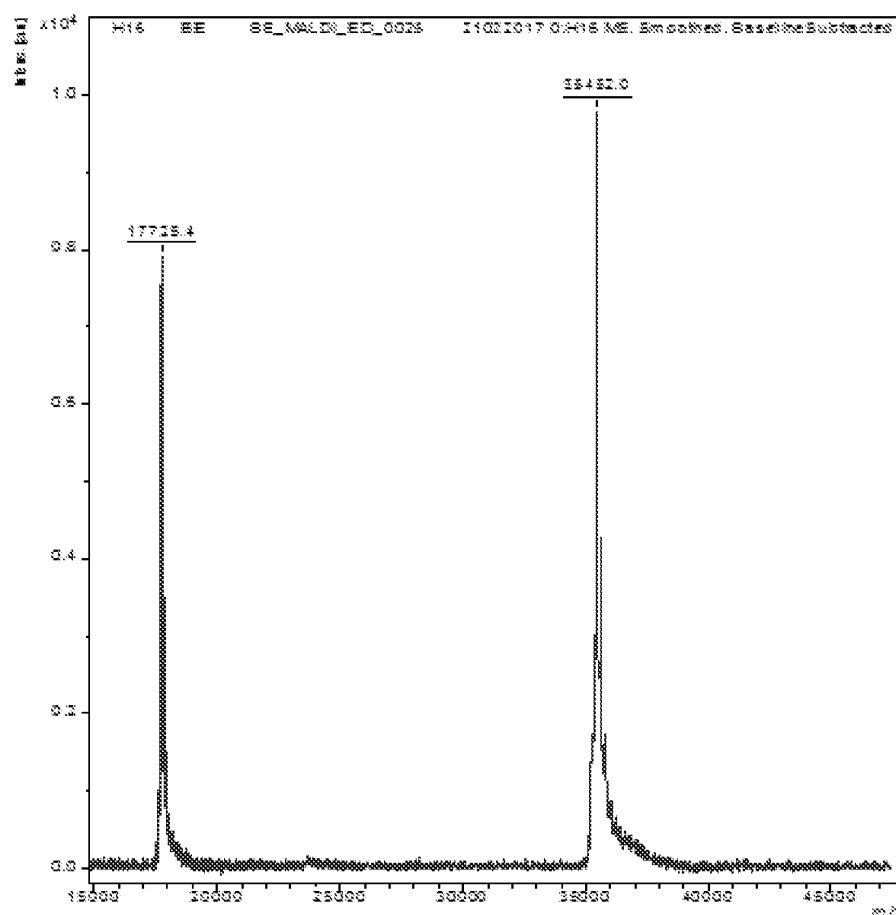
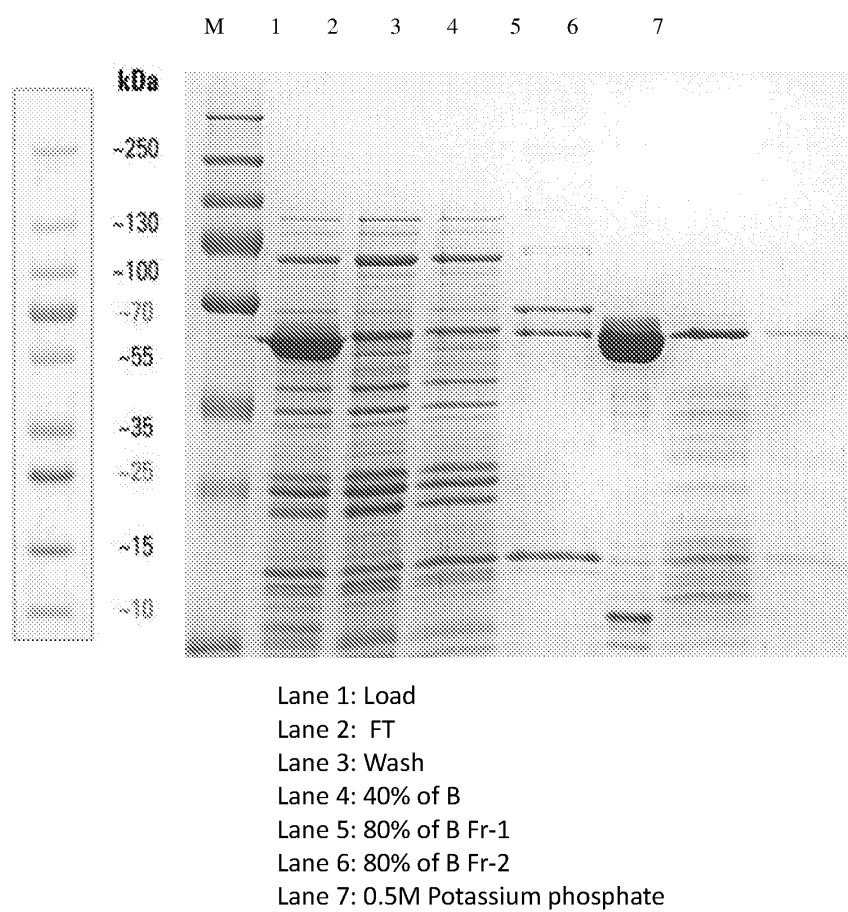
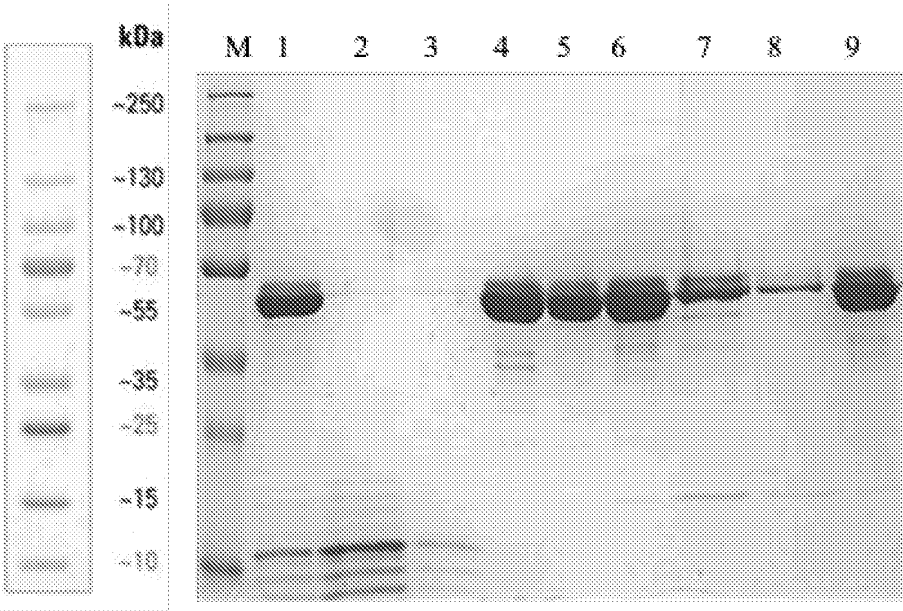


FIGURE 3

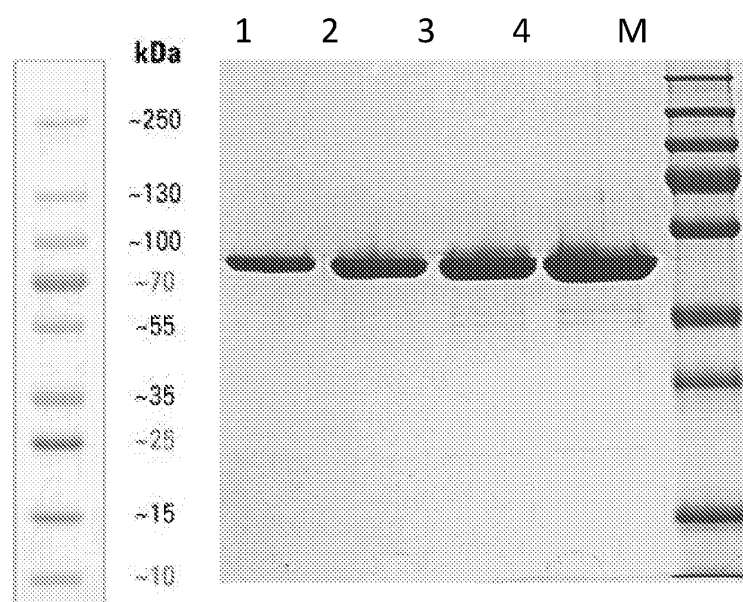
**FIGURE 4**



Lane 1: Load
Lane 2: FT
Lane 3: Wash
Lane 4: F4
Lane 5: F5
Lane 6: F6
Lane 7: F7
Lane 8: F8
Lane 9: F4+F6+F7

FIGURE 5

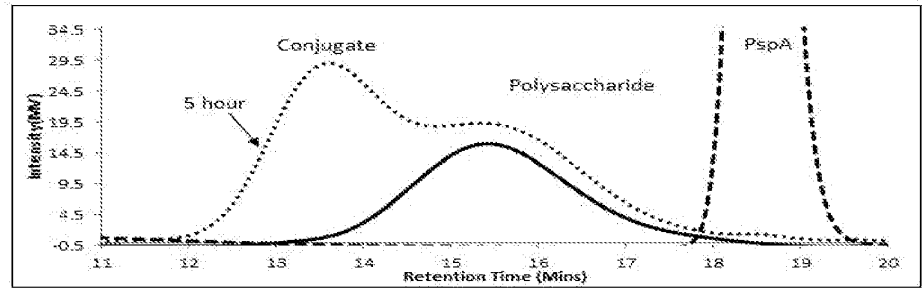
7/14



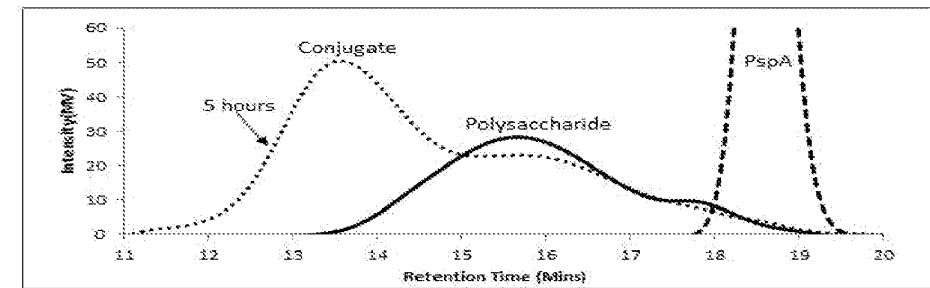
Lane 1: 2.5 μ g of PspA1
Lane 2: 5 μ g of PspA1
Lane 3: 7.5 μ g of PspA1
Lane 4: 10 μ g of PspA1

FIGURE 6

(A) Type 3 Psp A Conjugate



(B) Type 6A Psp A Conjugate



(C) Type 6B Psp A Conjugate

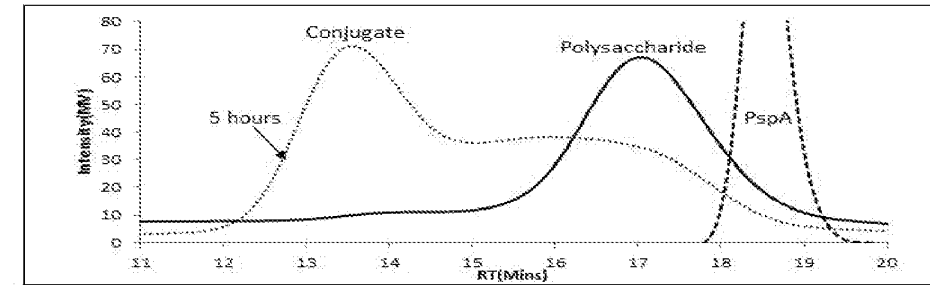


FIGURE 7

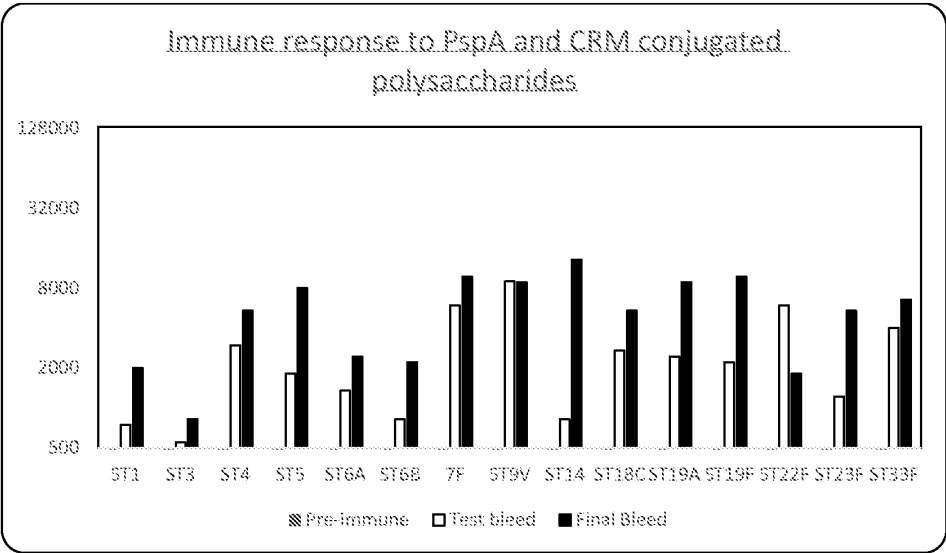


FIGURE 8

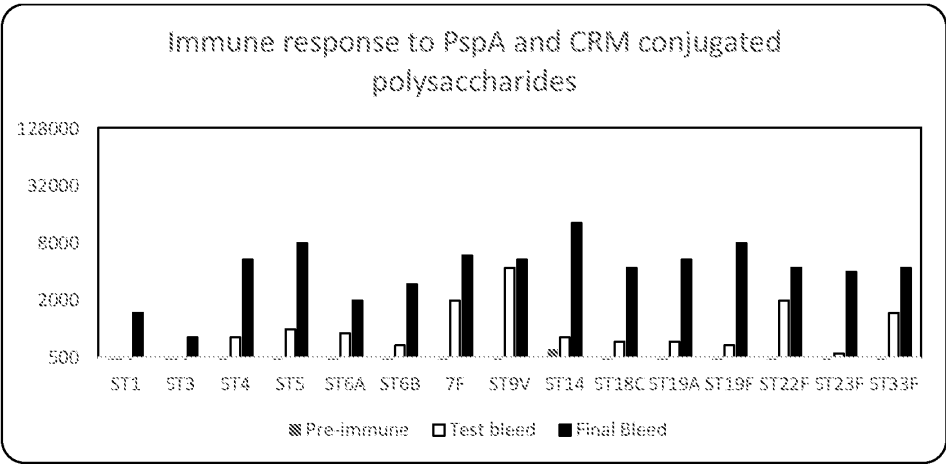
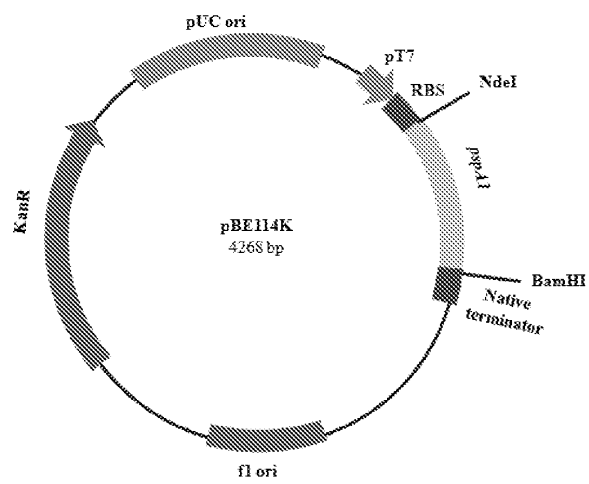
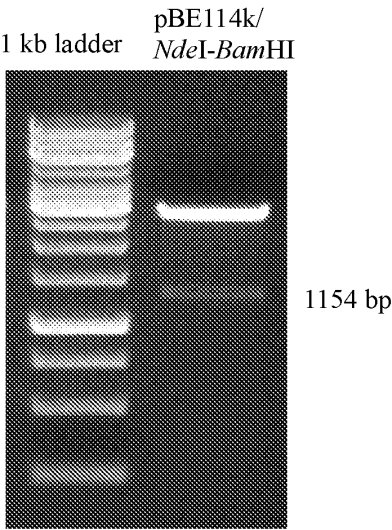


FIGURE 9



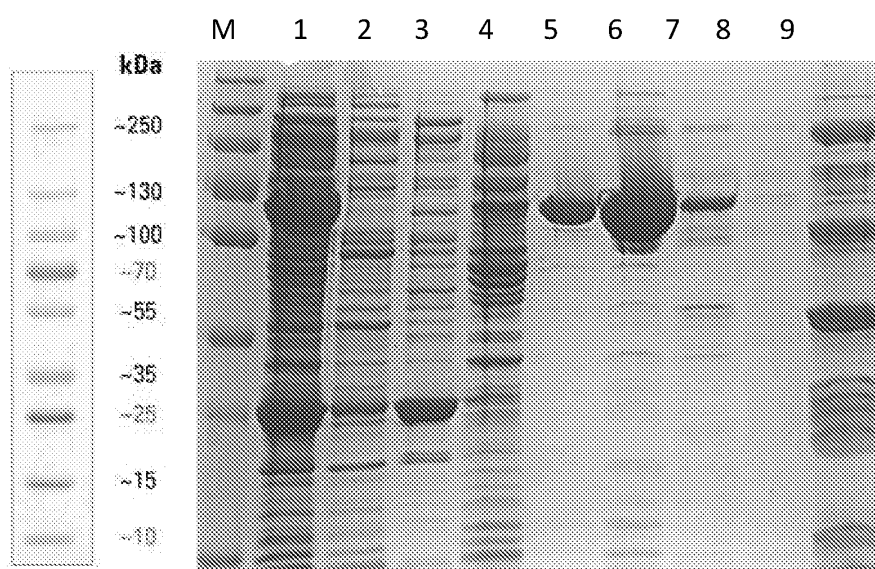
A



B

FIGURE 10

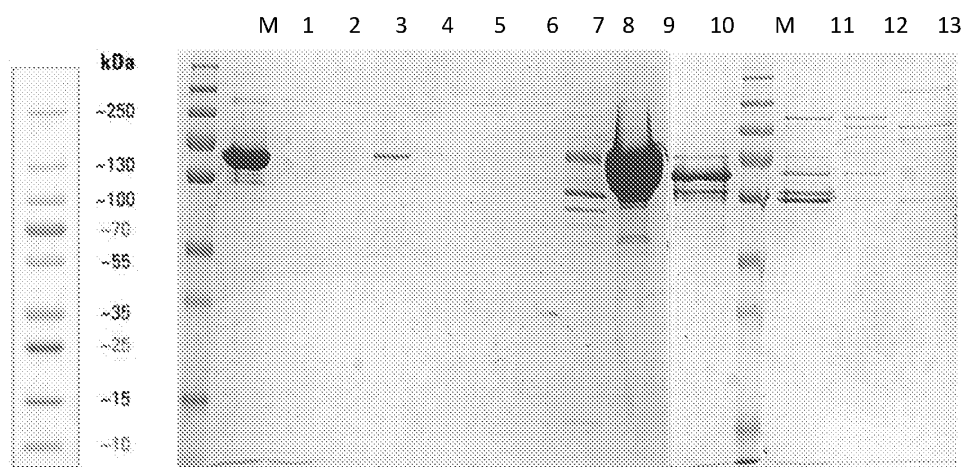
11/14



Lane 1: Load
Lane 2: FT
Lane 3: Wash
Lane 4: 50% of B
Lane 5,6,7 and 8: 80% of B
Lane 9: 0.5M Potassium phosphate

FIGURE 11

12/14



Lane 1: Load
Lane 2: FT
Lane 3: Wash
Lane 4: Fr 4
Lane 5: Fr 5
Lane 6: Fr 6
Lane 7: Fr 7
Lane 8: Fr 8
Lane 9: Fr 9
Lane 10: Fr 10
Lane 11: Fr 11
Lane 12: Fr 12
Lane 13: Fr 13

FIGURE 12

Protein sequence coverage: 39%

Underlined are the matched peptides

1	MNKKKMILTS	LASVAILGAC	FVASSPTVVR	AEDAPVANQS	KAEKDYDAAK
51	MDAENAKKAL	EDAKPAQKKY	KDDQKITEEK	AEEKKKASQE	QOKANLDYQQ
101	KLRKYINEKD	SKKRSMLQNE	NEEAERNDRE	KQAEFKKIRE	KVIPSAAEELT
151	ETREKAESEAE	AKPELTCKV	KEAEKKVTEA	KQKIDAERAK	EVALQAKIAE
201	LENEVHRLET	KLKEIDESDS	EDYVKEGLRA	PLQSELDARQ	AKLSKLEELS
251	DRIDELDAEI	AKLEKQVEDF	KNSDGEYSAL	YLEAAEKDLA	AKKAELEKTE
301	ADLKKAVDEP	EKPAPAFETP	APZAPAEQPK	PAPAPQPAPA	PKPEKPASQP
351	KPEKTDDQQA	EDYARRSEE	EYNRLTQQQF	PKAEKPAPAP	KPEQPAPAPK

FIGURE 13

14/14

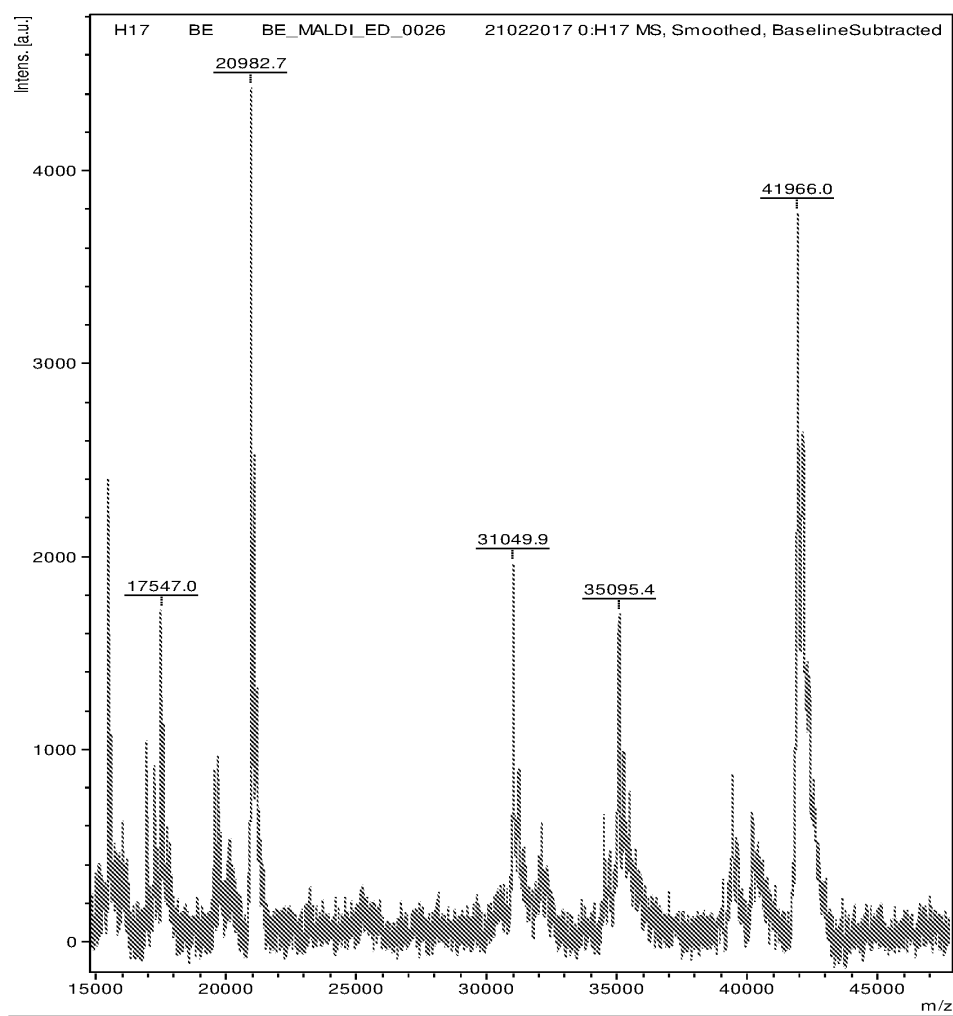


FIGURE 14