

UB forward priming site

2881 TTGGCGAGTG TGTTTTGTGA AGTTTTTTAG GCACCTTTG AAATGTAATC ATTTGGGTCA ATATGTAATT TTCAGTGTTA

2961 GACTAGTAAA TTGTCCGCTA AATTCTGGCC GTTTTTGGCT TTTTGTAG ACGAAGCTTG GTACCGAGCT CGGATCCACT

3041 AGTCCAGTGT GGTGGAATTC TGCAGATATC AACAAGTTT³⁰⁷⁹G TACAAAAAAG CAGGCTN --- --- ... Pro Ala Phe⁴⁷⁶²
 ACGTCTATAG TTGTTCAAAC ATGTTTTTTC GTCCGAN **GENE** --- --- NTG GGT CGA AAG

attB1 attB2

4763 Leu Tyr Lys Val Val Asp Ile Gln His Ser Gly Gly Arg Ser Ser Leu Glu Gly Pro Arg Phe Glu
 TTG TAC AAA GTG GTT GAT ATC CAG CAC AGT GGC GGC CGC TCG AGT CTA GAG GGC CCG CGG TTC GAA
 AAC ATG TTT CAC CAA CTA TAG GTC GTG TCA CCG CCG GCG AGC TCA GAT CTC CCG GGC GCC AAG CTT

4829 Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr Arg Thr Gly *** *** ***
 GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT ACG CGT ACC GGT TAG TAA TGA GTTT
 CCA TTC GGA TAG GGA TTG GGA GAG GAG CCA GAG CTA AGA TGC GCA TGG CCA

V5 epitope V5 (C-term) reverse priming site