

Supplementary Table 1: Plasmids used in this study.

Plasmid	Characteristics	Source or Reference
pET22b	Ap ^r <i>lacI</i> cloning vector harboring T7 promoter and terminator with pBR322 and fl origin.	Novagen
pET22b-BprV (Strain: VCS1703A)	pET22b (NdeI/XhoI) harbouring 1.4 kb fragment encoding 1 – 476 residues of the BprV precursor.	Recombinant
pET22b-BprB (Strain: CS101)	pET22b (NdeI/XhoI) harbouring 1.4 kb fragment encoding 1 – 476 residues of the BprB precursor.	Recombinant
pET22b-BprB.D180G	pET22b (NdeI/XhoI) harbouring 1.4 kb fragment encoding 1 – 476 residues of the BprB precursor with a D180G substitution.	Recombinant
pET22b-BprB.D182G	pET22b (NdeI/XhoI) harbouring 1.4 kb fragment encoding 1 – 476 residues of the BprB precursor with a D182G substitution.	Recombinant
pET22b-BprB.D180G.D182G	pET22b (NdeI/XhoI) harbouring 1.4 kb fragment encoding 1 – 476 residues of the BprB precursor with D180G and D182G substitutions.	Recombinant