

MGSSHHHHHSSGLVPRGSHMDI**TEERLHYQVGQRALIQAMQISAMPELVEAVQKRD**LARIKAL
IDPMRSFSDATYITVGDASGQRLYHVN**PDEIGKSM**EGGDSDEALINAKSYVSVRK**GSL**
GSSLRGKSPIQDATGKVIGIVSVGYTIEQL^{EN}**YEKLLED**SLTEITALS^{IEGRE}A**EHNPVV**
MVHGIGGASFN**FAGIKSYLVSQGW**SRDKLYAVDFWDKTGTNYNNGPVLSRFVQKVLDE
TGAKKVDIVAHSMGGANTLYYIKNLDGGNKVANVVT**LGGANRLTTGKALPGTDPN**QKI
LYTSIYSSADMIVMNYLSRLDGARNVQIHGVGHIGLLYSSQVNS**LIKEGLN**GGGQNTN

His-Tag

CitAP

YtvA linker helix

BSLA

Xa protease site