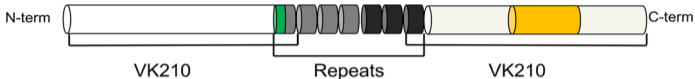


**A****B**

PvCSP210 type repeats: GQPAGDRAD

PvCSP247 type repeats: GANGAGNQP

PvCSP chimera

MGHNVDLSKA INLNGVNFNNVDASSLGAAHVGQSASRGRGLGENPDDEEGDAK KKKDGKKA E

PKNPREN KLKQP GDRAD GQPAGDRAD GQPAGDRAD GQPAGDRAD I GANGAGNQP

GANGAGNQP

GANGAGNQP GNEGANAPNEKSVKEYLDKVRATVGT EWTPCSVTCGVGVRVRRRVNAANKKPE

DLTLNDLETDVCHHHHHH