

**V****D****J**

...CTGGGAACTCCCTACCTCT ~~AAGA~~

~~ATAA~~ ATTAAG ~~AC~~

~~TTC~~ TCACGATTTCG...

...CTGGGAACTCCCTACCTCT

TCTTG

ATTAAG

AAAT

TCACGATTTCG...

...CTGGGAACTCCCTACCTCT TCTTG ATTAAG AAAT TCACGATTTCG...

**V****N****D****N****J**

FW1

CDR1

FW2

CDR2

FW3

CDR3

FW4