```
logo
IGHV3-21 04   EVQLVESGG.GLVKPGGSLRLSCAASGFTF....SSYSMNWVRQAPGKGLEWVSSISSS..SSYIYYADSVK.GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR    98
IGHV3-21 01   EVQLVESGG.GLVKPGGSLRLSCAASGFTF....SSYSMNWVRQAPGKGLEWVSSISSS..SSYIYYADSVK.GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR    98
IGHV3-21 02   EVQLVESGG.GLVKPGGSLRLSCAASGFTF....SSYSMNWVRQAPGKGLEWVSSISSS..SSYIYYADSVK.GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR    98
IGHV3-21 03   EVQLVESGG.GLVKPGGSLRLSCAASGFTF....SSYSMNWVRQAPGKGLEWVSSISSS..SSYIYYADSVK.GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR    98
IGHV3-21 06   EVQLVESGG.GLVKPGGSLRLSCAASGFTF....SSYSMNWVRQAPGKGLEWVSSISSS..SSYIYYADSVK.GRFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR    98
consensus     !!!!!!!!! !!!!!!!!!!!!!!!!!!!!    !!!!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X $\geq$ 50% conserved