```
logo                 QLQLQESGS GLVKPSQTLSLTCAVSGGSIS SGGYSWSWIRQPPGKGLEWIGYIYHS GSTYYNPSLK SRVTISVDTSKNQFSLKLSSVTAADTAVYYCAR
IGHV4-30-2 01        QLQLQESGS.GLVKPSQTLSLTCAVSGGSIS..SGGYSWSWIRQPPGKGLEWIGYIYHS...GSTYYNPSLK.SRVTISVDRSKNQFSLKLSSVTAADTAVYYCAR   99
IGHV4-30-2 04        .........................SGGSIS..SGGYSWSWIRQPPGKGLEWIGYIYHS...GSTYYNPSLK.SRVTISVDTSKNQFSLKLSSVTAADTAVYYCAR   75
IGHV4-30-2 03        QLQLQESGS.GLVKPSQTLSLTCAVSGGSIS..SGGYSWSWIRQPPGKGLEWIGSIYYS...GSTYYNPSLK.SRVTISVDTSKNQFSLKLSSVTAADTAVYYCAR   99
IGHV4-30-2 05        QLQLQESGS.GLVKPSQTLSLTCAVSGGSIS..SGGYSWSWIRQPPGKGLEWIGYIYHS...GSTYYNPSLK.SRVTISVDTSKNQFSLKLSSVTAADTAVYYCAR   99
IGHV4-30-2 06        QLQLQESGS.GLVKPSQTLSLTCAVSGGSIS..SGGYSWSWIRQSPGKGLEWIGYIYHS...GSTYYNPSLK.SRVTISVDRSKNQFSLKLSSVTAADTAVYYCAR   99
consensus            ********* ***************!!!!!!  !!!!!!!!!!!*!!!!!!!!!*!!*!  !!!!!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X ≥ 50% conserved