

 $oxed{X}$ non conserved $oxed{X} \geq 50\%$ conserved

AEDTAVYYCAR

AEDTA<mark>M</mark>YYCA<mark>K</mark>

AEDTA<mark>V</mark>YYCA<mark>K</mark>

AEDTAVYYCAK

!!!!!*!!!!

98

98

98

98

98

IGHV3-30 02 a275g

IGHV3-30 03 t288c

IGHV3-30 02 t201c

IGHV3-30 18 t158g

consensus

IGHV3-30 18 c170g a171g g301a