

S1 ...ASWLQFAKLSV S2 GSGSAWMLLANLSK

X non-conserved

similar $\times \geq 50\%$ conserved $\times \geq 70\%$ conserved

Figure 1: Centropages hamatus TIM

 $\mathrm{S1}$ - TRINITY DN22370 c1 g1 i
6.p1 OR Ftype complete len 1277

 $\mathrm{S2}$ - TRINITY DN9829 c
0 g1 i8.p1 OR Ftype complete len1123