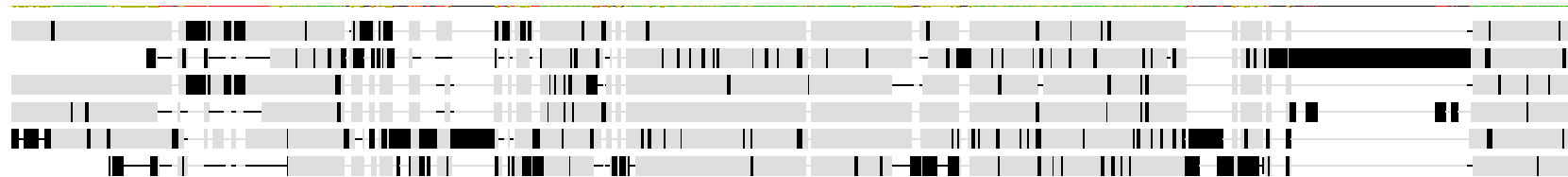


A)

XM_012531677.2_Orcinus_orca
 XM_028166987.1_Balaenoptera_acutorostrata
 XM_027116949.1_Lagenorhynchus_obliquidens
 XM_033856429.1_Tursiops_truncatus
 XM_007472400.1_Lipotes_vexillifer
 XM_030761130.1_Delphinapterus_leucas



B)



Species	ACTGCAAGTTTTTAAAGAAAAGAATCTGGAGAA
XM_028166987.1_Balaenoptera_acutorostrata	T A S F * R K E S G E
XM_030761130.1_Delphinapterus_leucas	T E S F * R K E S G E
XM_012531677.2_Orcinus_orca	T A S F * R K E S G E
XM_007472400.1_Lipotes_vexillifer	T A S F * R K E S A E
XM_033856429.1_Tursiops_truncatus	T A S F * R K E S G E
XM_027116949.1_Lagenorhynchus_obliquidens	T A S F * R K E S G E
NM_025992.2_Mus_musculus_HERC6	T A S F L K K R D A G
Pipistrellus_kuhlii_HERC6	T A S F L K K R E S G
XM_027970882.1_Ovis_aries_HERC6	T A S F L K K R E P G
AF336798.1_Homo_sapiens_HERC6	T A S F L K K R G T G
XM_023252945.1_Felis_catus_HERC6	T A S F L K K R Q S V

Stop codon

