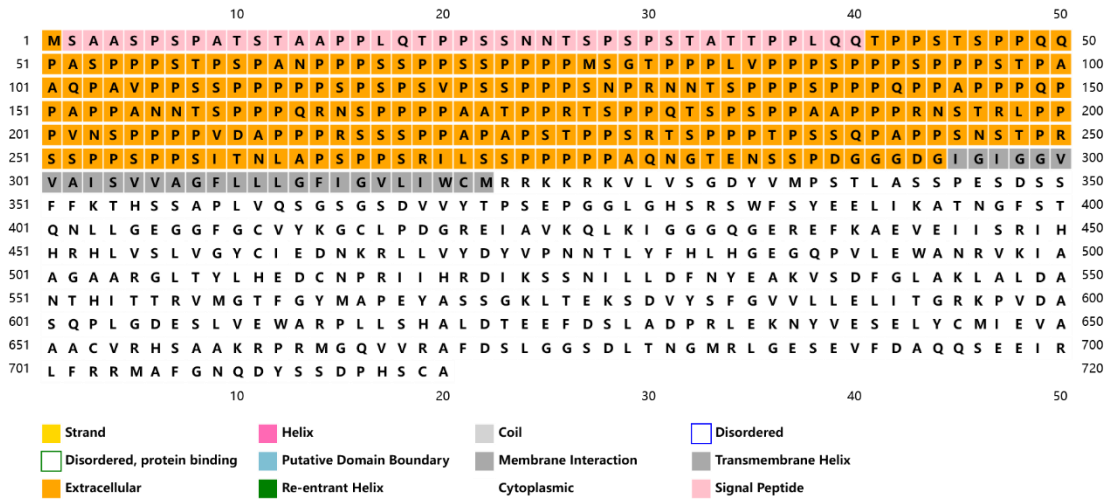
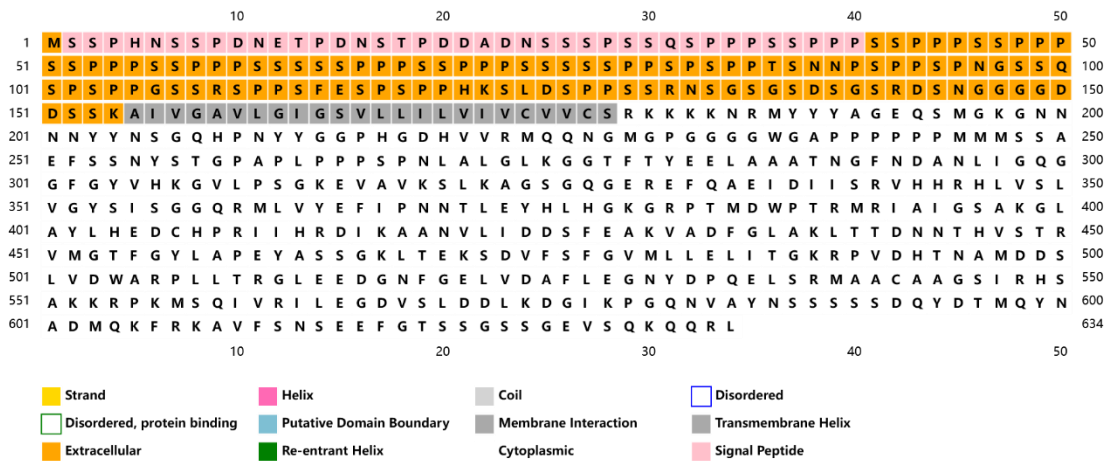


Figure S1 GmPERK protein regions/domains including signal peptide, extracellular region and transmembrane helix. Predicted by <http://bioinf.cs.ucl.ac.uk/> using PSIPRED MEMPACK
Below are gene names and their respective predictions shown in amino acid sequences.

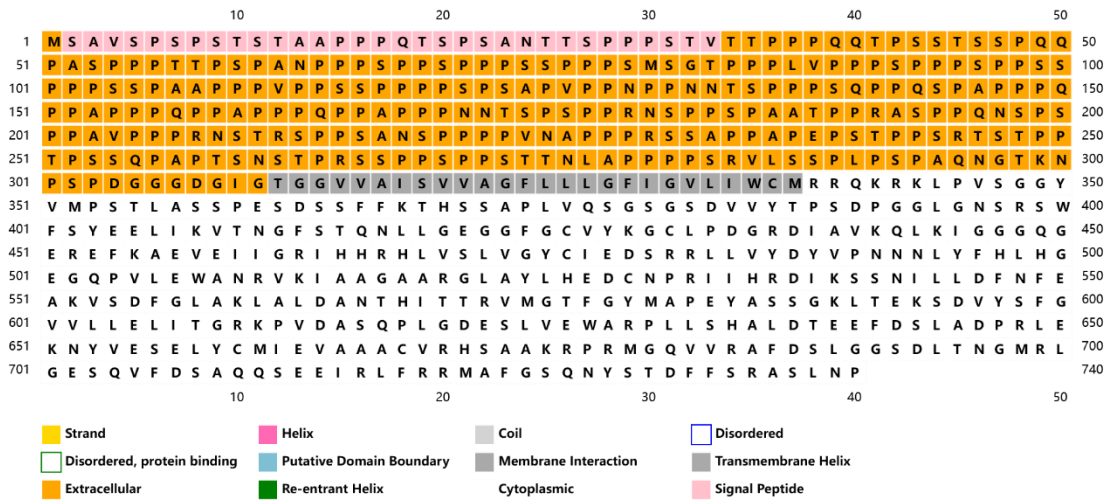
GmPERK1



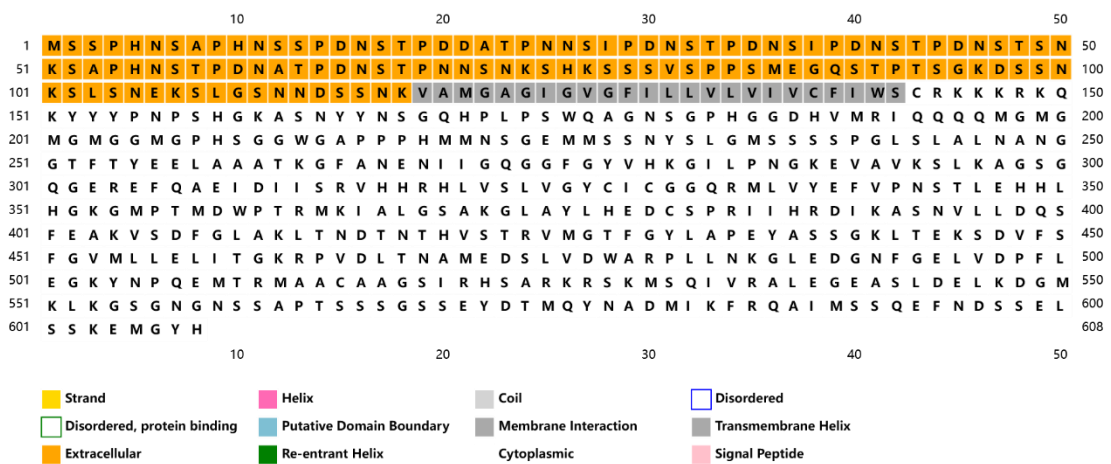
GmPERK2



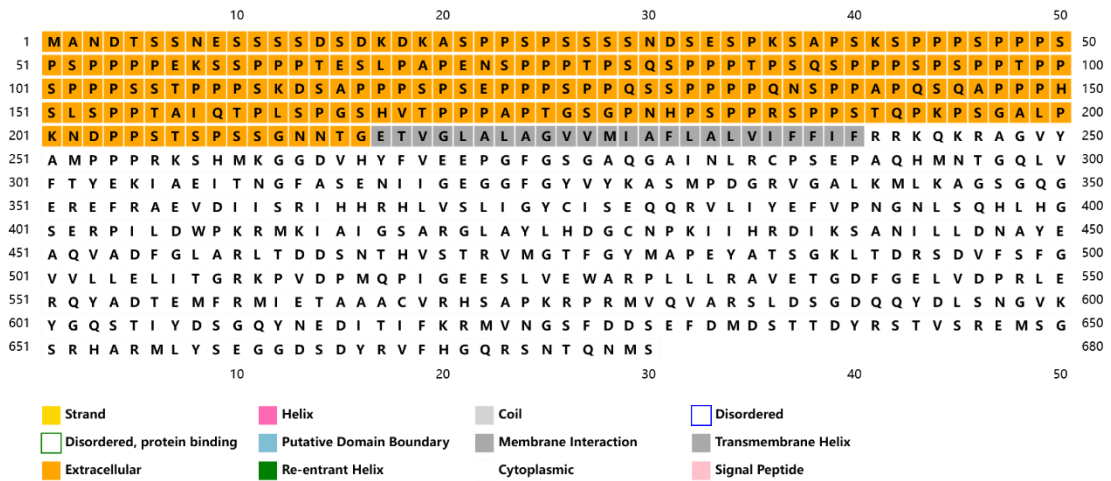
GmPERK3



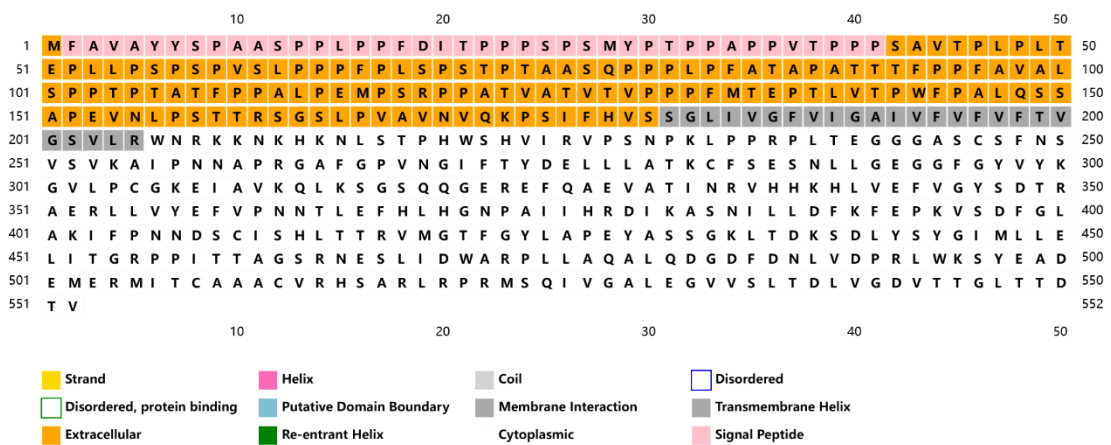
GmPERK4



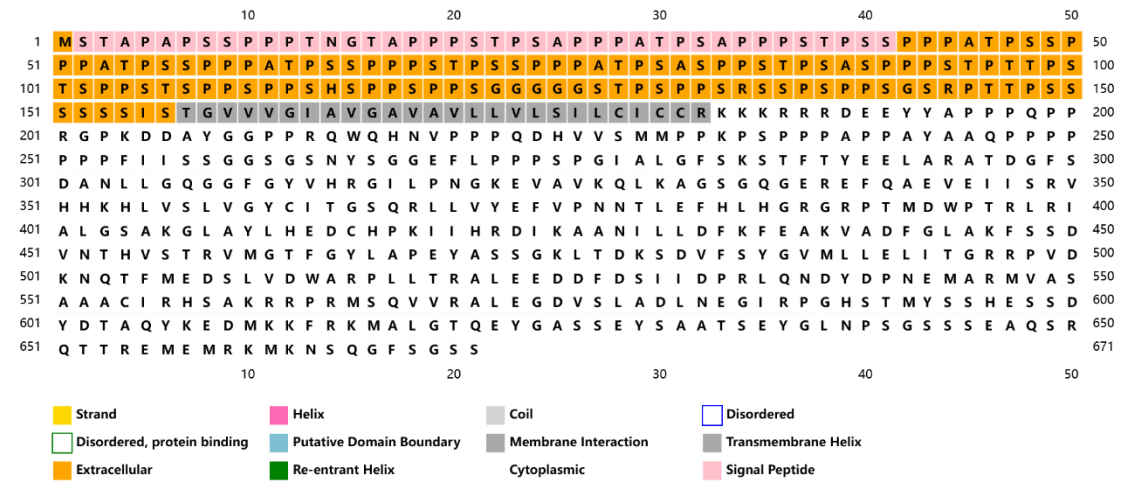
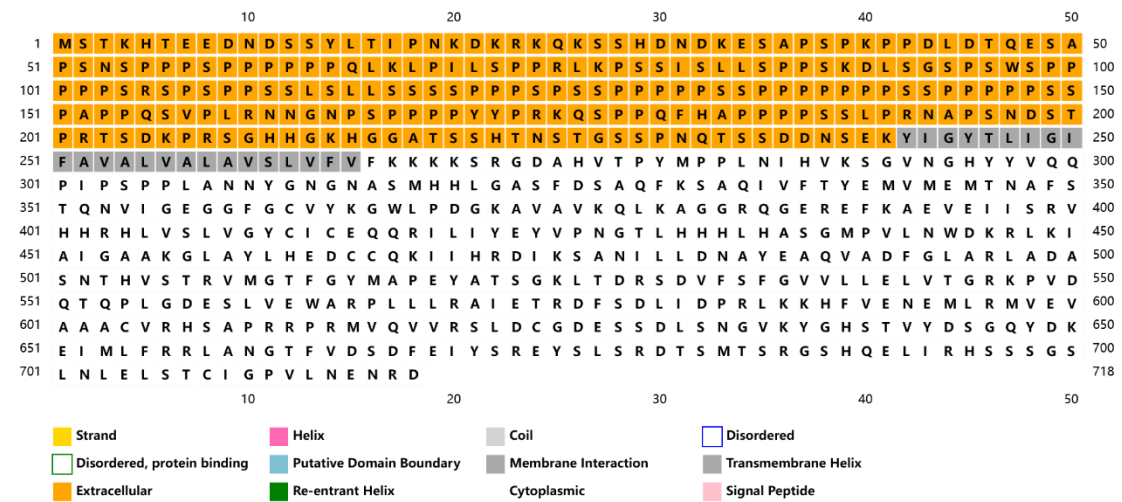
GmPERK5



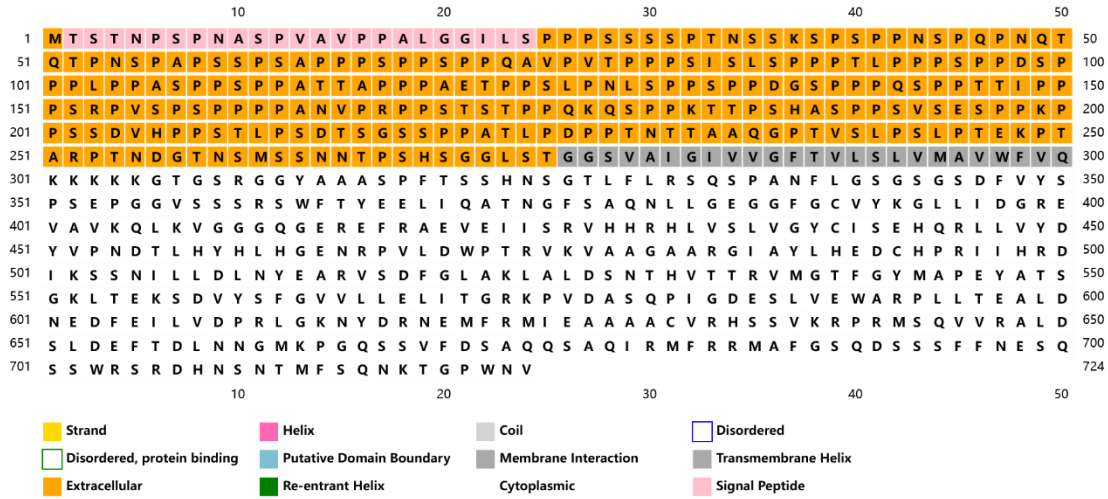
GmPERK6



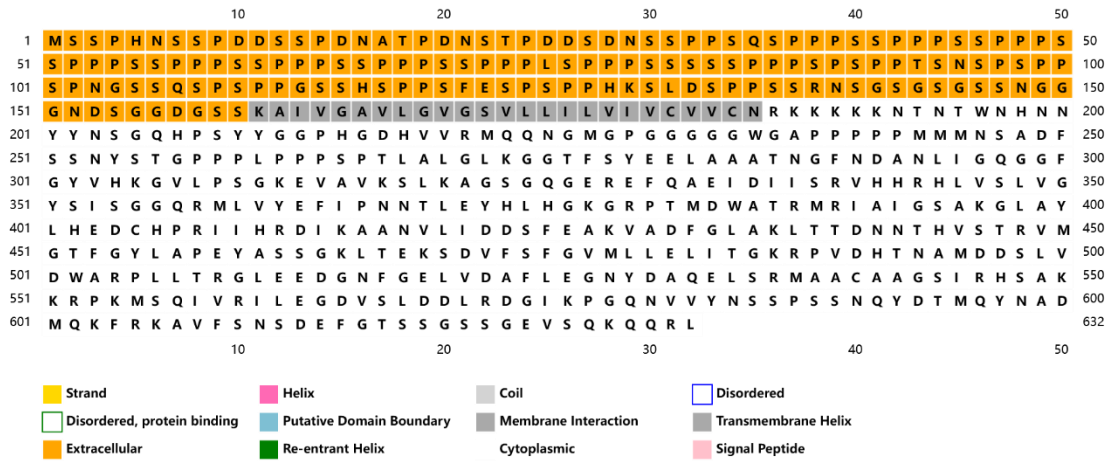
GmPERK7

*GmPERK8*

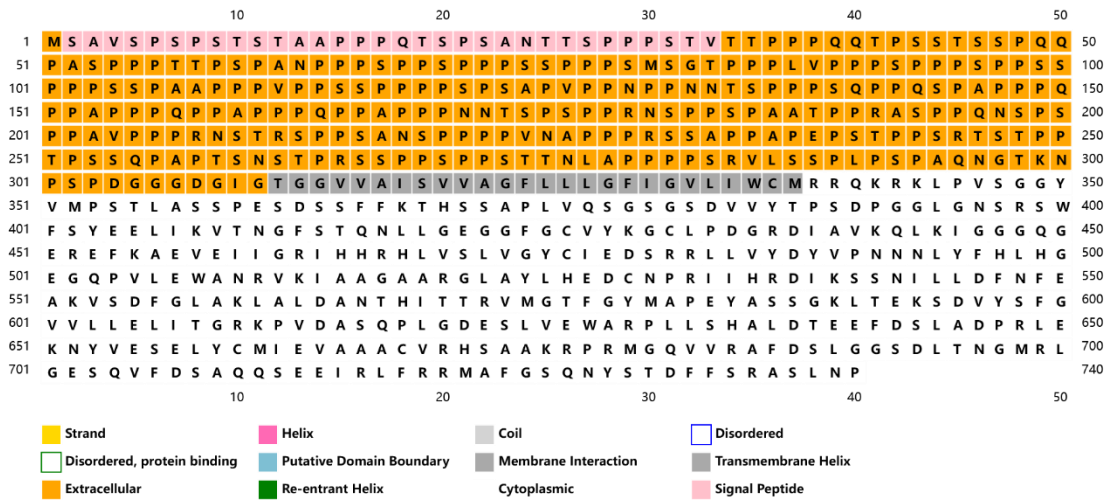
GmPERK9



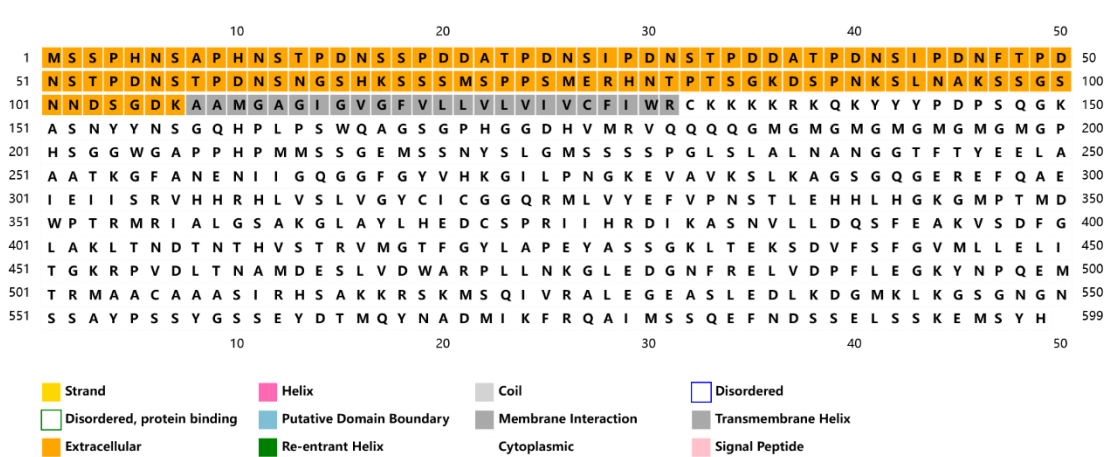
GmPERK10



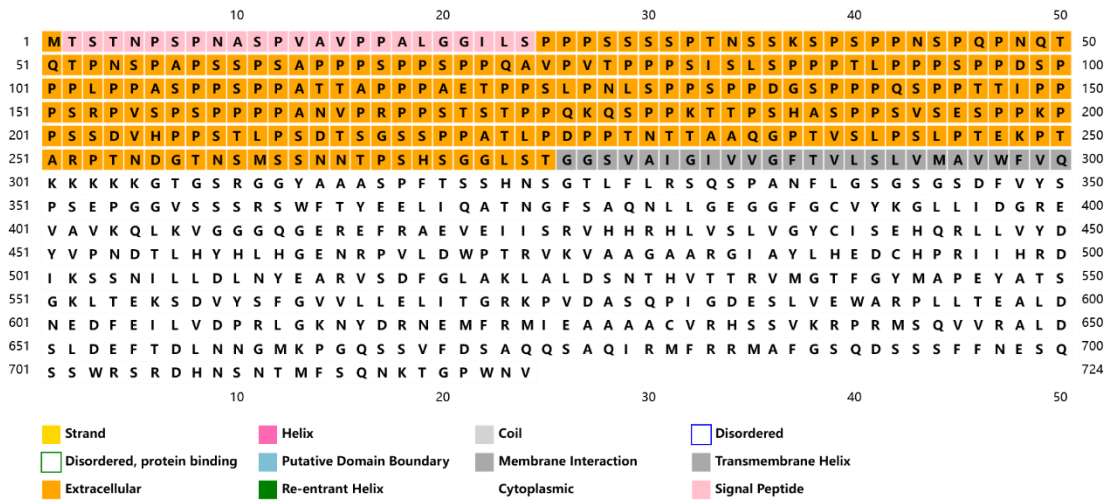
GmPERK11



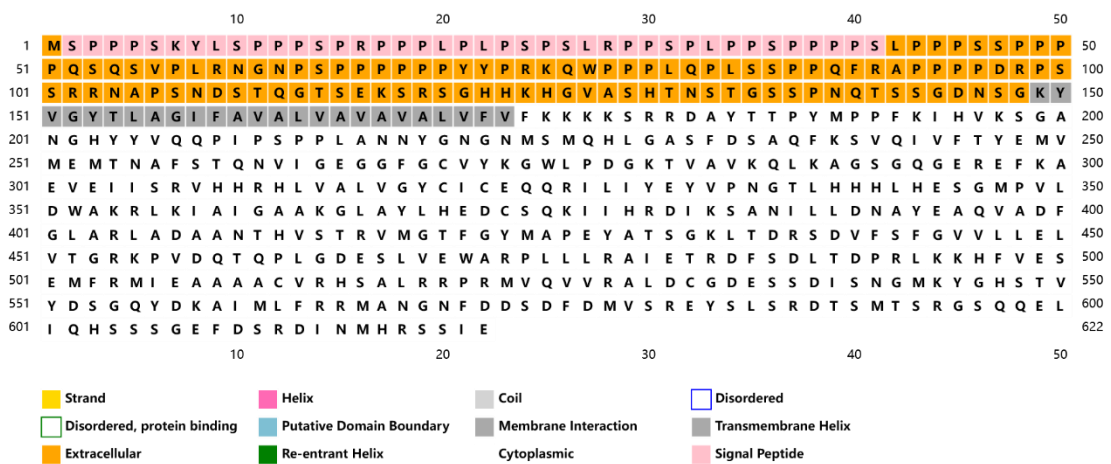
GmPERK12



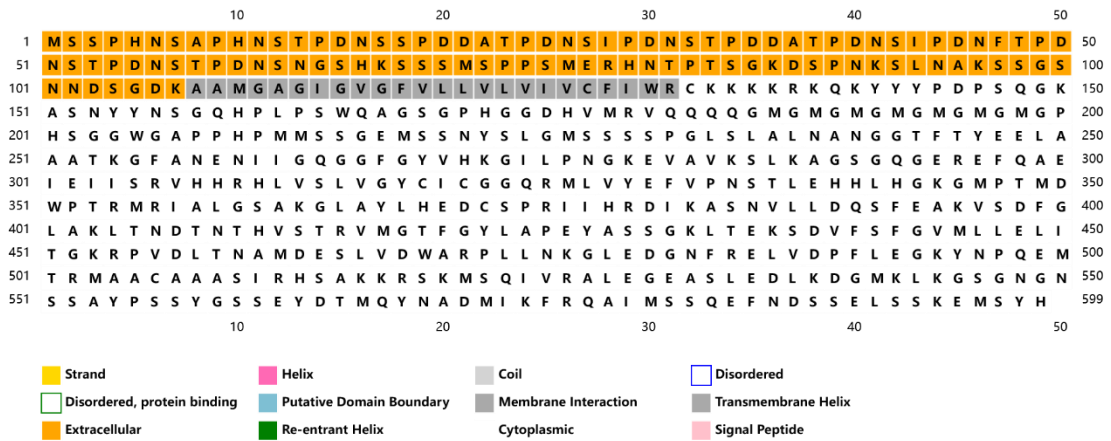
GmPERK13



GmPERK14



GmPERK15



GmPERK16

