

Genomic alignment visualization showing sequence identity across a region from position 220 to 610. The top part features a color-coded bar representing identity levels, with a red-to-yellow gradient. Below this, a list of 72 reference sequences (e.g., XP_319584_AgAQP1, XP_972862_Tc) is aligned with their corresponding amino acid sequences. The sequences are presented in a grid format, with gaps indicated by dashes. The alignment shows high conservation across the species, with some variations in the lower identity regions.