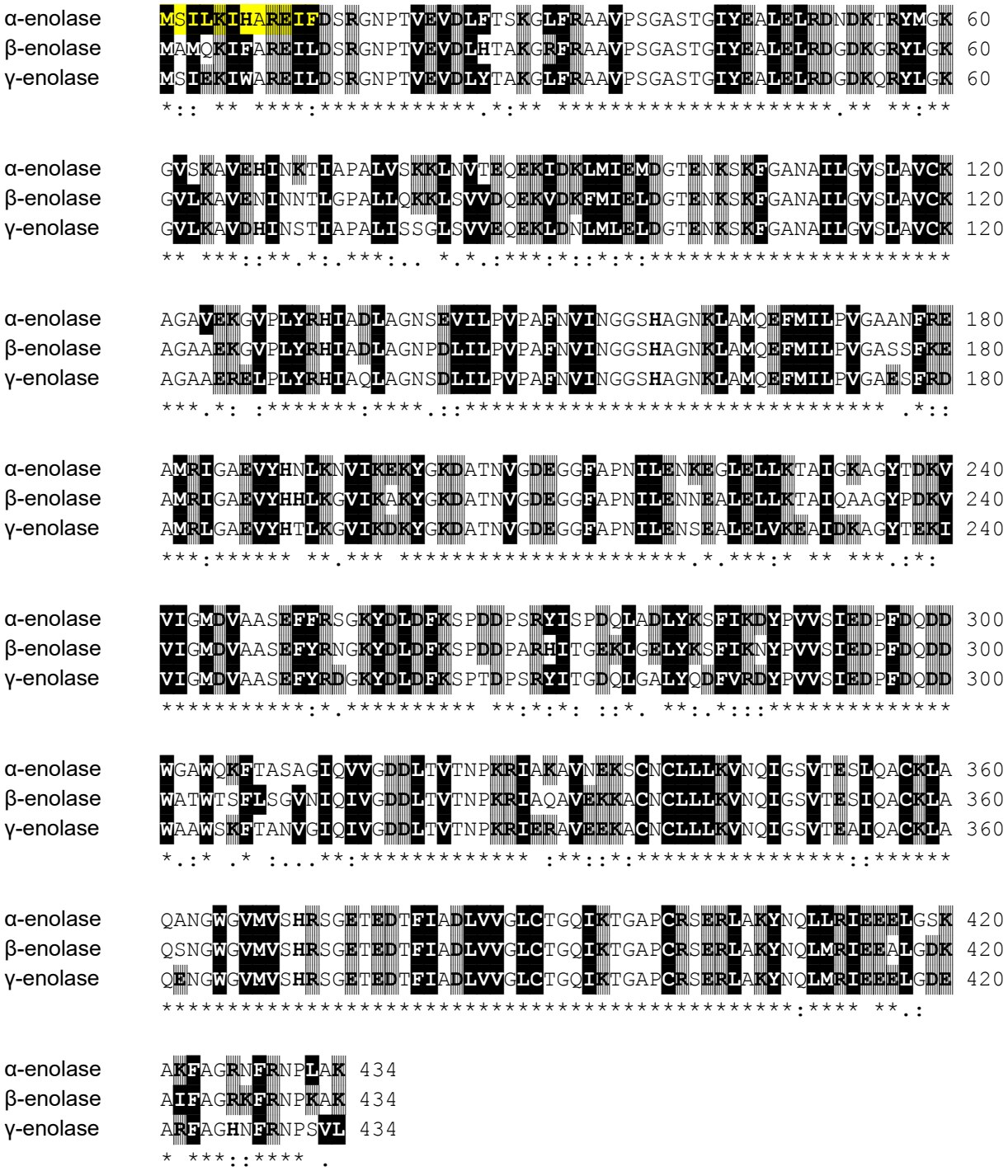
Sequence alignment of human α, β and γ enolases.



Charged amino acids are hatched and hydrophobic amino acids are blocked out. The different enolases are between 94 and 97% identical. Note α-enolase is also known as enolase-1 and non-neuronal enolase with the HGNC symbol Eno1. β-enolase is also known as enolase-3 and neuron specific enolase, the HGNC symbol being Eno3. γ-enolase is also known as enolase 2, and the HGNC symbol is Eno2. EnCor antibody to α-enolase/enolase-1/Eno1 MCA-253 was made against the N-terminal peptide MSILKLVAREIF, amino acids 1-12 attached to an 8 branched MAPS resin, highlighted abovr. This peptide is not well conserved between the three enolases and in fact the antibody is reactive only with α-enolase.