

GES.- Engelman, D.M., Steitz, T.A., Goldman, A. (1986) *Ann. Rev. Biophys. Biophys. Chem.* 15, 321-530.  
The most recommended for studies about hydrophobic proteins. All predictions and limits in this software have been calculated with this scale.

GvH1.- von Heijne, G. (1992) *J. Mol. Biol.* 225, 487-94

It is a statistical scale obtained from the amino acid frequencies in the transmembrane and non-transmembrane segments..

KD.- Kyte, J., Doolittle, R.F. (1982) *J. Mol. Biol.* 157, 105-32

This scale is based upon water-to-vapor transfers and internal-external distribution of amino acids..

PA.- Persson, B., Argos, P. (1994) *J. Mol. Biol.* 237, 182-192

This scale, which is double, takes into account the propensity for a residue to be localised in the core or in the boundaries of a transmembrane domain. Prediction of the transmembrane segments is done following a method which differs slightly from the trapezoid method.

AMPHI.- Jähnig, F. (1990) *Trends Biochem. Sci.* 15, 93-95

This is an algorithm that uses the KD scale to search amphiphilic  $\alpha$ -helices and  $\beta$ -sheets.