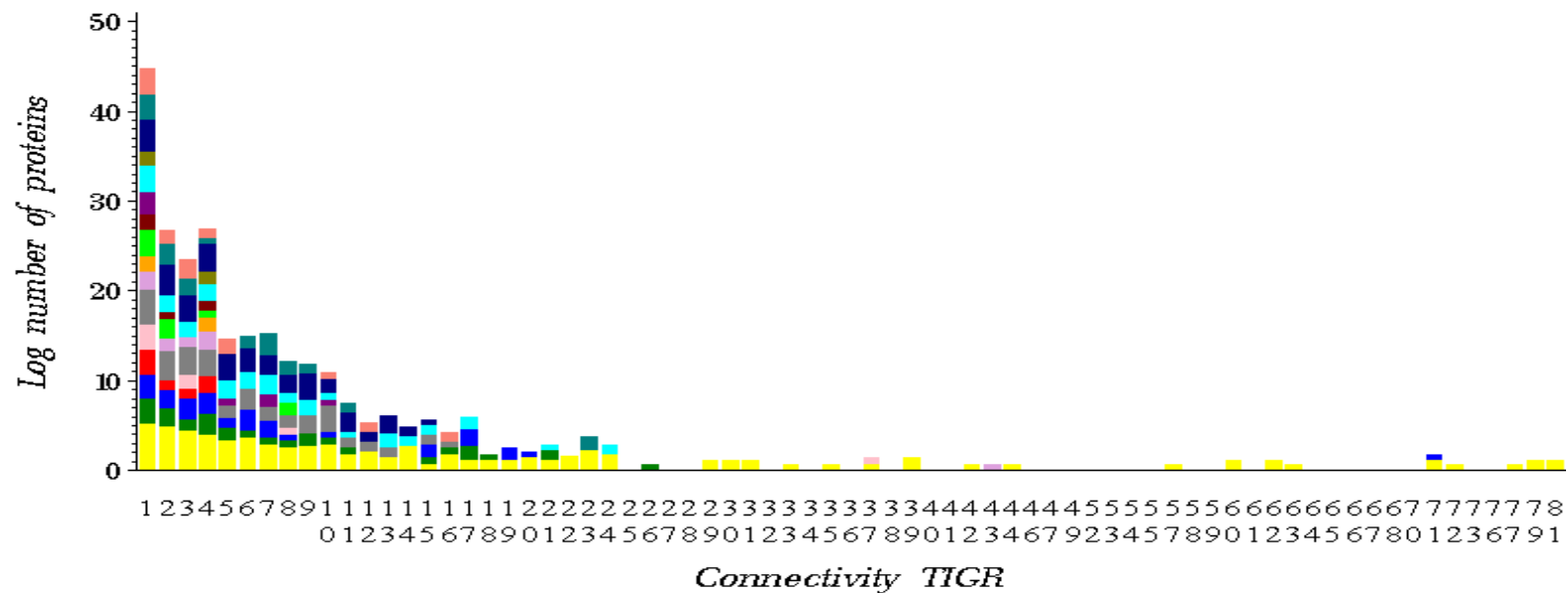
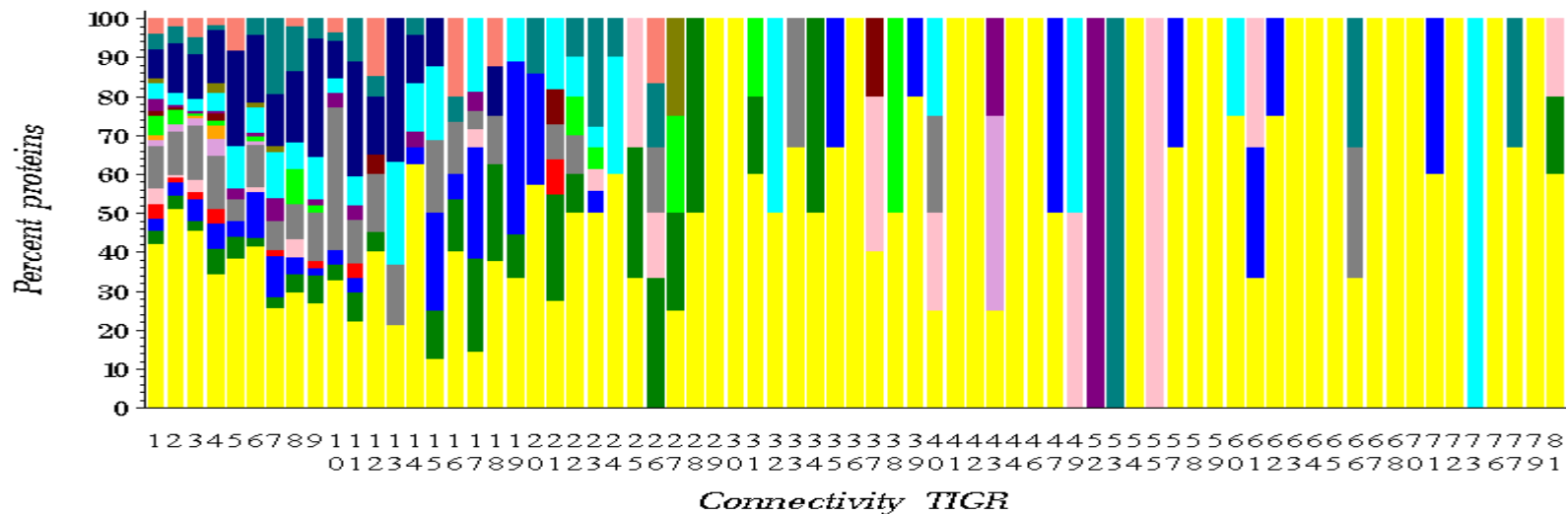


a)



b)



TIGR

■ Unclassified
■ Central metabolism
■ Fatty acid
■ Protein synthesis
■ Transcription
■ cofactor

■ Amino acid
■ DNA metabolism
■ Mobile extra element
■ Purines pyrimidine
■ Transport binding

■ Cellular processes
■ Energy metabolism
■ Protein fate
■ Regulatory function
■ cell Envelope