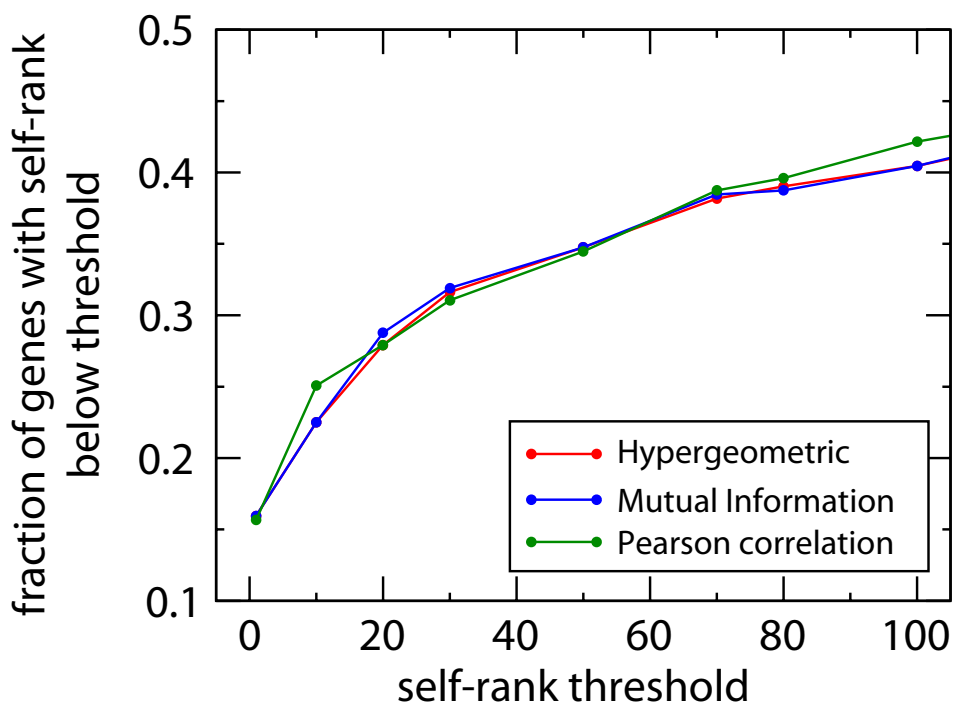


Figure 1.



Performance of different profile similarity measures. *E. coli* self-rank performance based on the phylogenetic profile associations with the first layer of the neighborhood is shown for scores calculated using Hypergeometric probability, mutual information and Pearson linear correlation. BLAST-based orthology dataset was used.