

# Evolution Of Genes And Proteins

by Masatoshi Nei; Richard K Koehn; American Society of Naturalists; Society for the Study of Evolution

Nature. 1988 Aug 11;334(6182):528-30. The molecular evolution of genes and proteins: a tale of two serines. Brenner S(1). Author information: (1)MRC Here we report a new highly statistically significant predictor of a proteins rate of evolution, and show that linked genes have similar rates of protein evolution. Spiderwebs and Silk : Tracing Evolution From Molecules to Genes to . - Google Books Result Protein Interactions Limit the Rate of Evolution of Photosynthetic . Comparative structures and evolution of vertebrate lipase H (LIPH . gence is driven by ADAPTIVE EVOLUTION (positive Darwinian selection)4,which . Rapid evolution. Rapidly evolving genes are those that encode proteins. THE EVOLUTION OF DUPLICATED GENES CONSIDERING . Dec 27, 2001 . Each protein is produced by one (or possibly several) genes. The evolution of new proteins must have occurred by mutations to these genes. Evolution of genes and proteins - Masatoshi Nei - Google Books Dosage sensitivity and the evolution of gene families in yeast - Nature

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