

GOA

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Gene Ontology Annotation (GOA) is a project run by the European Bioinformatics Institute (EBI) that aims to provide assignments of terms from the Gene Ontology (GO) resource to gene products in a number of its databases (SWISS-PROT + TrEMBL, InterPro, etc). In the first stage of this project, GO assignments have been applied to a data set representing the complete human proteome by a combination of electronic mappings and manual curation. This vocabulary is also being applied to non-redundant proteome sets for all other completely sequenced organisms as well as to proteins from a wide range of organisms where the proteome is not yet complete.

Biographical notes:

Rolf Apweiler studied Biology in Heidelberg and Bath. He worked three years in drug discovery in the pharmaceutical industry and is involved in the SWISS-PROT project since 1987. He coordinates the SWISS-PROT knowledgebase group at the EBI since 1994, and started the TrEMBL, InterPro, GOA, Proteome analysis and CluSTr projects at the EBI. Since autumn 2001 he is also in charge of the EMBL nucleotide sequence database. Rolf Apweiler is heading a team of currently 80 biologists and programmers responsible for the SWISS-PROT, TrEMBL, InterPro, GOA, Proteome analysis, CluSTr and EMBL nucleotide sequence database projects at the EBI.