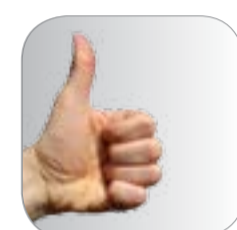


Getting a 'Heads-Up'

EBI's high-level gene & protein summary service
By Jenny Cham, User Experience Analyst, EMBL-EBI



Want a 'Heads-up'?

Do you need to decide quickly if a gene or protein is worth investigating further? EBI's gene and protein summaries are designed to give you a quick overview of the data that's currently available for your gene or protein of interest.

PDF

Time-stamped gene & protein summary report

Download the Summary Report

Save the complete summary report as a date- & version-stamped download. Each summary has a unique URI and information about the data source.



Gene & Protein Summaries By EMBL-EBI

With more than 300 million entries indexed and updated daily, the search provides an efficient gateway to all of the major EBI biomolecular data collections.

FREE

www.ebi.ac.uk



User Experience techniques were applied to optimise usability

- prototyping interface designs
- 1-to-1 usability testing
- card sorting/ mental models



Academic institutions & pharma companies were consulted

Including Institut Curie in Paris, University College London, Stockholm University, CRG, Philips, Pfizer, AstraZeneca & NovoNordisk.



Integrate & Inform

It is now easy to search and browse vast stores of publicly available biological data and related information all from the EBI homepage.

Literature Source

Features articles hand-picked by curators for the gene you searched.

Also find articles where the "title-contains" the gene symbol, patents, & review papers.

Species Selector

Compare key information for human, mouse, fly, worm & yeast.

'Biologically-Aware' Search is Driven By High Quality EBI Databases

By exploiting the links between data resources, we have developed an algorithm that identifies key relationships between biological concepts, including genes, gene expression profiles, proteins and 3D protein structures, allowing the information to be displayed across the Central Dogma. The service is driven by Lucene and DAS (distributed annotation service) technologies.



What's next?

We are currently looking to expand the search and summary service to include disease and phenotypes by exploiting the Experimental Factor Ontology (EFO). We are also exploring the possibility of using BioJS components to underpin future developments.