



PROTEOME™ (HumanPSD™+TRANSPATH®) release 2021.1

The Human Proteome Survey Database (HumanPSD™) with focus on human proteins as disease biomarkers and drug targets contains these new features:

- **New locus report structure**

The content of the reports containing gene and protein information associated with a specific genomic locus has been given a more accessible and intuitive structure.

- **More clinical trial and biomarker data**

New data from clinicaltrials.gov, the AACT database and manual disease biomarker curation by experts have increased the number of CT-Disease-Drug assignments to 706,055 and the number of disease annotations to 348,831.

The TRANSPATH® database on mammalian signal transduction and metabolic pathways contains these new data features:

- **New pathway visualization**

The pathway visualization tool was completely re-developed into a new PathFinder perspective of the [geneXplain bioinformatics platform](#). It supports SBGN and SBML standards and details the location of molecules in the main intracellular compartments at a significantly improved performance.

- **Increase in number of reactions**

3,881 new binding reactions between proteins in human have been added, among them e.g. from the MAP4K interactome and the Ras interactome.

- **Update of links to pathway databases**

Links from genes/proteins to the pathway databases Reactome (version 75) and Wikipathways (20201110) have been updated.