geneplast.data.string.v91

November 11, 2026

`gpdata_string_v91` *Data package used in evolutionary root inference reconstruction containing four objects derived from the STRING database, release 9.1*

Description

Data package used in evolutionary root inference reconstruction containing four objects derived from the STRING database, release 9.1

Usage

```
data(gpdata_string_v91)
```

Format

Dataset with cogids, cogdata, sspids, phyloTree.

- cogids. A data.frame with 143458 COG IDs.
- cogdata. A data.frame with COG to protein mapping.
  - protein_id. Proteins listed in the COG data information.
  - ssp_id. Species listed in the COG data information.
  - cog_id. COG identifiers.
  - gene_id. Gene identifiers mapped to the human species.
- sspids. A data.frame with species identifiers.
  - ssp_id. Species identifier.
  - ssp_name. Name of the species.
  - domain. Species domain.
- phyloTree. An object of class 'phylo'.
  - Phylogenetic tree with 121 tips and 120 internal nodes describing relations between all Eukaryotes listed in the 'sspids' object.

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