

Resource Summary Report

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SUB-cellular location database for Arabidopsis proteins II

RRID:SCR_006668

Type: Tool

Proper Citation

SUB-cellular location database for Arabidopsis proteins II (RRID:SCR_006668)

Resource Information

URL: <http://www.suba.bcs.uwa.edu.au/>

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Description: SUBA provides a powerful tool to investigate subcellular localization in Arabidopsis. SUBA houses large scale proteomic and GFP localization sets from cellular compartments of Arabidopsis, and also contains pre-compiled bioinformatic predictions for protein subcellular localizations. The Database functions through the unification of disparate datasets and through the provision of a web accessible interface for the construction of user based queries resulting in a one-stop-shop for protein localization in this model plant. Subcellular localization information can contribute towards our understanding of protein function, protein redundancy and of biological inter-relationships. In an attempt to get a clearer picture of our experimental data and to more generally understand subcellular partitioning we have brought together various data sources to build SUBA.

Synonyms: SUBA II

Resource Type: data or information resource, database

Keywords: arabidopsis, arabidopsis genome, gfp, protein subcellular localization, proteomics, subcellular, subcellular localization

Resource Name: SUB-cellular location database for Arabidopsis proteins II

Resource ID: SCR_006668

Alternate IDs: nif-0000-03505

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260912T200143+0000

Ratings and Alerts

No rating or validation information has been found for SUB-cellular location database for Arabidopsis proteins II.

No alerts have been found for SUB-cellular location database for Arabidopsis proteins II.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Dalla Rosa I, et al. (2014) MPV17L2 is required for ribosome assembly in mitochondria. Nucleic acids research, 42(13), 8500.

Sormani R, et al. (2011) Transcriptional regulation of ribosome components are determined by stress according to cellular compartments in Arabidopsis thaliana. PloS one, 6(12), e28070.

Jorrín-Novo JV, et al. (2009) Plant proteomics update (2007-2008): Second-generation proteomic techniques, an appropriate experimental design, and data analysis to fulfill MIAPE standards, increase plant proteome coverage and expand biological knowledge. Journal of proteomics, 72(3), 285.

Büttner M, et al. (2007) The monosaccharide transporter(-like) gene family in Arabidopsis. FEBS letters, 581(12), 2318.