Resource Summary Report

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Gene functional conservation across cell types and species

RRID:SCR_023292
Type: Tool

Proper Citation

Gene functional conservation across cell types and species (RRID:SCR_023292)

Resource Information

URL: https://gillisweb.cshl.edu/Primate_MTG_coexp/

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Description: We aligned single-nucleus atlases of middle temporal gyrus (MTG) of 5 primates (human, chimp, gorilla, macaque and marmoset) and identified 57 consensus cell types common to all species. We provide this resource for users to: 1) explore conservation of gene expression across primates at single cell resolution; 2) compare with conservation of gene coexpression across metazoa, and 3) identify genes with changes in expression or connectivity that drive rapid evolution of human brain.

Resource Type: portal, data or information resource, project portal

Defining Citation: DOI:10.1101/2022.09.20.508736

Keywords: Brain Initiative Cell Census Network, single-nucleus atlases, middle temporal gyrus, human, chimp, gorilla, macaque, marmoset, 57 consensus cell types common to all species, 57 consensus cell types identification,

Funding: NLM R01LM012736;
NLM R01MH113005;
NLM U19MH114821;
NLM F32MH114501;
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NLM U01MH114812

Availability: Free, Freely available

Resource Name: Gene functional conservation across cell types and species

Resource ID: SCR_023292

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Record Last Update: 20250421T054447+0000

Ratings and Alerts

No rating or validation information has been found for Gene functional conservation across cell types and species.

No alerts have been found for Gene functional conservation across cell types and species.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.