Greengenes

RRID:SCR_002830
Type: Tool

Proper Citation

Greengenes (RRID:SCR_002830)

Resource Information

URL: http://greengenes.secondgenome.com/downloads

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Description: Database that provides access to the current and comprehensive 16S rRNA gene sequence alignment for browsing, blasting, probing, and downloading. The data and tools can assist the researcher in choosing phylogenetically specific probes, interpreting microarray results, and aligning/annotating novel sequences. The 16S rRNA gene database provides chimera screening, standard alignment, and taxonomic classification using multiple published taxonomies. ARB users can use Greengenes to update local databases.

Resource Type: data or information resource, database

Defining Citation: PMID:16820507

Keywords: microbiome, rna, 16s rrna, gene, dna, rna, chimera, alignment, taxonomic classification, taxonomy, FASEB list

Funding Agency: Department of Energy

Availability: Open source

Resource Name: Greengenes

Resource ID: SCR_002830

Alternate IDs: nif-0000-02927, OMICS_01512

Alternate URLs: http://greengenes.lbl.gov
Ratings and Alerts

No rating or validation information has been found for Greengenes.

No alerts have been found for Greengenes.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2330 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Horniblow RD, et al. (2023) Intestinal iron bio-accessibility changes by Lignin and the subsequent impact on cell metabolism and intestinal microbiome communities. Food & function, 14(8), 3673.


Gaughan S, et al. (2023) Using the Gut Microbiome to Assess Stocking Efforts of the Endangered Pallid Sturgeon, Scaphirhynchus albus. Life (Basel, Switzerland), 13(2).


Jiang C, et al. (2023) Unique Habitat of Karst Tiankengs Changes the Taxonomy and Potential Metabolism of Soil Microbial Communities. Microbiology spectrum, 11(1),
Li Y, et al. (2023) Antidepressant of Xingpijieyu formula targets gut microbiota derived from depressive disorder. CNS neuroscience & therapeutics, 29(2), 669.


Takeda T, et al. (2023) Usefulness of Bifidobacterium longum BB536 in Elderly Individuals With Chronic Constipation: A Randomized Controlled Trial. The American journal of gastroenterology, 118(3), 561.

Jakob MO, et al. (2023) ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. Cell reports, 42(3), 112269.


Liu D, et al. (2023) Indoleacrylic acid produced by Parabacteroides distasonis alleviates type 2 diabetes via activation of AhR to repair intestinal barrier. BMC biology, 21(1), 90.

