LEfSe
RRID:SCR_014609
Type: Tool

Proper Citation

LEfSe (RRID:SCR_014609)

Resource Information

URL: http://huttenhower.sph.harvard.edu/galaxy

Description: An algorithm for high-dimensional biomarker discovery and explanation that identifies genes, pathways, or taxa characterizing the differences between two or more biological conditions. The algorithm identifies features that are statistically different among biological classes, then performs additional tests to assess whether these differences are consistent with respect to expected biological behavior. Statistical significance and biological relevance are emphasized.

Resource Name: LEfSe

Proper Citation: LEfSe (RRID:SCR_014609)

Resource Type: Resource, software resource, algorithm resource

Keywords: microbiome, algorithm, biomarker, genomic feature, web application

Resource ID: SCR_014609

References: DOI:10.1186/gb-2011-12-6-r60

Availability: Free, Available as a web application

Website Status: Last checked up

Mentions Count: 1465

Ratings and Alerts
No rating or validation information has been found for LEfSe.

No alerts have been found for LEfSe.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1465 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch Infrastructure](https://www.fdicloud.com/crunch). 


Beasley JT, et al. (2020) Nicotianamine-chelated iron positively affects iron status, intestinal morphology and microbial populations in vivo (Gallus gallus). Scientific reports, 10(1), 2297.


Yang YSH, et al. (2020) Long-term Proton Pump Inhibitor Administration Caused Physiological and Microbiota Changes in Rats. Scientific reports, 10(1), 866.


Yaron JR, et al. (2020) Immune protection is dependent on the gut microbiome in a lethal mouse gammaherpesviral infection. Scientific reports, 10(1), 2371.