Resource Summary Report

Generated by NIF on Sep 12, 2026

Horizontal Gene Transfer-DataBase

RRID:SCR_007706
Type: Tool

Proper Citation

Horizontal Gene Transfer-DataBase (RRID:SCR_007706)

Resource Information

URL: http://genomes.urv.es/HGT-DB/

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Description: The Horizontal Gene Transfer DataBase (HGT-DB) is a genomic database that includes statistical parameters such as G+C content, codon and amino-acid usage, as well as information about which genes deviate in these parameters for prokaryotic complete genomes. Under the hypothesis that genes from distantly related species have different nucleotide compositions, these deviated genes may have been acquired by horizontal gene transfer.

Synonyms: HGT-DB

Resource Type: data or information resource, database

Keywords: genome, amino acid, codon

Resource Name: Horizontal Gene Transfer-DataBase

Resource ID: SCR_007706

Alternate IDs: nif-0000-02957

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260912T200150+0000

Ratings and Alerts

No rating or validation information has been found for Horizontal Gene Transfer-DataBase.

No alerts have been found for Horizontal Gene Transfer-DataBase.

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 NIF .

Solórzano C, et al. (2015) Hha has a defined regulatory role that is not dependent upon H-NS or StpA. Frontiers in microbiology, 6, 773.

Schlüter A, et al. (2011) Phylogenomic evidence for a myxococcal contribution to the mitochondrial fatty acid beta-oxidation. PloS one, 6(7), e21989.

Shieh GS, et al. (2011) Modeling and comparing the organization of circular genomes. Bioinformatics (Oxford, England), 27(7), 912.

Zhang ZG, et al. (2011) Phylogenomic reconstruction of lactic acid bacteria: an update. BMC evolutionary biology, 11, 1.