

Resource Summary Report

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ConnecTF

RRID:SCR_022577

Type: Tool

Proper Citation

ConnecTF (RRID:SCR_022577)

Resource Information

URL: <https://connectf.org>

Proper Citation: ConnecTF (RRID:SCR_022577)

Description: Software platform to integrate transcription factor gene interactions and validate regulatory networks. Gene regulatory network validation.

Resource Type: data access protocol, software resource, web service

Defining Citation: [PMID:33631799](#)

Keywords: integrate transcription factor gene interactions, validate regulatory networks, gene regulatory network validation

Funding: NIGMS F32GM116347;
NIGMS RO1-GM121753;
NSF PGRP IOS-1339362;
NSF PGRP IOS-1840761

Availability: Free, Available for download, Freely available

Resource Name: ConnecTF

Resource ID: SCR_022577

Alternate URLs: https://github.com/coruzzilab/connectf_server

Record Creation Time: 20220726T050157+0000

Record Last Update: 20260912T200027+0000

Ratings and Alerts

No rating or validation information has been found for ConnectTF.

No alerts have been found for ConnectTF.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

González-García MP, et al. (2026) Phosphate starvation induces root cell-type-specific transcriptional responses and alternative splicing. *The New phytologist*, 250(5), 3212.

Sánchez E, et al. (2026) Integrated Gene Regulatory Network Analysis Reveals Coordinated Transcriptional Reprogramming in the *Arabidopsis thaliana*-*Trichoderma atroviride* Interaction. *Plants (Basel, Switzerland)*, 15(4).

Johnson NR, et al. (2026) Antagonistic regulation of nitrogen and drought signaling mediated by NIN-like protein 7 transcription factor in *Arabidopsis thaliana*. *Proceedings of the National Academy of Sciences of the United States of America*, 123(1), e2509904122.

Hinckley WE, et al. (2025) HHO5: A key orchestrator of dose-dependent nitrogen signaling pathways in *Arabidopsis*. *bioRxiv : the preprint server for biology*.

Shanks CM, et al. (2024) Nitrogen sensing and regulatory networks: it's about time and space. *The Plant cell*, 36(5), 1482.

Núñez-Lillo G, et al. (2024) Fruit sugar hub: gene regulatory network associated with soluble solids content (SSC) in *Prunus persica*. *Biological research*, 57(1), 63.

Olukayode T, et al. (2023) Phloem-Mobile MYB44 Negatively Regulates Expression of PHOSPHATE TRANSPORTER 1 in *Arabidopsis* Roots. *Plants (Basel, Switzerland)*, 12(20).