Resource Summary Report

ChIPXpress

RRID:SCR_006653
Type: Tool

Proper Citation

ChIPXpress (RRID:SCR_006653)

Resource Information

URL: http://www.bioconductor.org/packages/devel/bioc/html/ChIPXpress.html

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Description: A R package designed to improve ChIP-seq and ChIP-chip target gene ranking using publicly available gene expression data. It takes as input predicted transcription factor (TF) bound genes from ChIPx data and uses a corresponding database of gene expression profiles downloaded from NCBI GEO to rank the TF bound targets in order of which gene is most likely to be functional TF target.

Abbreviations: ChIPXpress

Synonyms: ChIPXpress: enhanced transcription factor target gene identification from ChIP-seq and ChIP-chip data using publicly available gene expression profiles

Resource Type: software resource

Keywords: gene expression, chip-seq, chip-chip, transcription factor, target gene, gene, gene expression profile

Funding:

Availability: GNU General Public License, v2 or greater

Resource Name: ChIPXpress

Resource ID: SCR_006653

Alternate IDs: OMICS_00516

Record Creation Time: 20220129T080237+0000

Record Last Update: 20250420T014340+0000

Ratings and Alerts

No rating or validation information has been found for ChIPXpress.

No alerts have been found for ChIPXpress.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kiselev Y, et al. (2018) Transcription factor PAX6 as a novel prognostic factor and putative tumour suppressor in non-small cell lung cancer. Scientific reports, 8(1), 5059.

Han H, et al. (2015) TRRUST: a reference database of human transcriptional regulatory interactions. Scientific reports, 5, 11432.