

Resource Summary Report

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CustomCDF

RRID:SCR_018527

Type: Tool

Proper Citation

CustomCDF (RRID:SCR_018527)

Resource Information

URL:

http://brainarray.mbni.med.umich.edu/Brainarray/Database/CustomCDF/genomic_curated_CDF.asp

Proper Citation: CustomCDF (RRID:SCR_018527)

Description: Brainarray custom CDFs for processing raw Affymetrix data. Used to map probe to probesets. Oligonucleotide probes on GeneChips are reorganized based on latest genome and transcriptome information.

Resource Type: software application, software resource, data processing software

Defining Citation: [PMID:16284200](#)

Keywords: Brainarray, custom CDF, processing raw Affymetrix data, data processing, map probe, probset, oligonucleotide probe, GeneChips, genome, transcriptome, data

Availability: Free, Freely available

Resource Name: CustomCDF

Resource ID: SCR_018527

Alternate URLs: <https://gist.github.com/rmflight/3108891>,
<https://rdr.io/github/jakejh/metapredict/man/installCustomCdfPackages.html>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260727T040718+0000

Ratings and Alerts

No rating or validation information has been found for CustomCDF.

No alerts have been found for CustomCDF.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ku AT, et al. (2025) Radiogenomic Profiling of Prostate Tumors prior to External Beam Radiotherapy Converges on a Transcriptomic Signature of TGF- β Activity Driving Tumor Recurrence. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(24), 5211.

Manolakou T, et al. (2023) Down-regulation of human long non-coding RNA LINC01187 is associated with nephropathies. *Journal of cellular and molecular medicine*, 27(9), 1192.

van der Stel W, et al. (2022) Mapping the cellular response to electron transport chain inhibitors reveals selective signaling networks triggered by mitochondrial perturbation. *Archives of toxicology*, 96(1), 259.

Trivieri N, et al. (2022) Growth factor independence underpins a paroxysmal, aggressive Wnt5a^{High}/EphA2^{Low} phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. *Journal of experimental & clinical cancer research : CR*, 41(1), 139.

Monkley S, et al. (2021) Sensitization of the UPR by loss of PPP1R15A promotes fibrosis and senescence in IPF. *Scientific reports*, 11(1), 21584.

Abdelrahman M, et al. (2021) Defective cytokinin signaling reprograms lipid and flavonoid gene-to-metabolite networks to mitigate high salinity in Arabidopsis. *Proceedings of the National Academy of Sciences of the United States of America*, 118(48).

Callegaro G, et al. (2021) The human hepatocyte TXG-MAPr: gene co-expression network modules to support mechanism-based risk assessment. *Archives of toxicology*, 95(12), 3745.

Guzzi PH, et al. (2020) Master Regulator Analysis of the SARS-CoV-2/Human Interactome. *Journal of clinical medicine*, 9(4).