Package 'HEEBOdata'

November 10, 2026

Type Package

Title HEEBO set and HEEBO controls.

Version 1.50.0

Date 2006-08-31

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Description R objects describing the HEEBO oligo set.

biocViews ExperimentData

License LGPL

URL http://alizadehlab.stanford.edu/ http://arrays.ucsf.edu/

git_url https://git.bioconductor.org/packages/HEEBOdata

git_branch RELEASE_3_23

git_last_commit 4b1dd32

git_last_commit_date 2026-04-28

Repository Bioconductor 3.23

Date/Publication 2026-11-10

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HEEBO *Annotations and controls for the HEEBO set.*

Description

HEEBOset: character matrix containing annotations for all oligos in the HEEBO set, e.g. sequence id, name, description of the oligo. The annotations used here come from the original HEEBO dataset and are not updated.

HEEBOctrl: list of matrices describing mismatch transcripts and negative controls. For each of the 10 unique transcripts used to design the mismatch controls, we provide some annotations for all derived mismatch probes (like sequnce id, array identifier, description...), the type of mismatch (anchored or Distributed), the number of mismatched bases, and the binding energy. The last object is a list of negative controls identifiers.

HEEBOtilingres: list of 11 vectors, one for each sequence used to design the series of tiling controls. Each vector contains the unique HEEBO identifiers and the distance from 3' end for each tiling controls recognizing this sequence.

Source

These data were derived from the HEEBO set description files provided by Ash Alizadeh. The R code used to parse the file is available upon request. For more information about the HEEBO set, please refer to http://alizadehlab.stanford.edu.

StanfordExampleData *Example of MEEBO GPR files and associated doping control information.*

Description

63421.gpr and hoc.gal are an example of hybridization on HEEBO arrays, using a doping-control mixture from SFGF.

DCV2.0June06.txt is an example of spike-type file from SFGF.

Source

These data were provided by members of the Brown lab (Stanford) and the Stanford Shared Genomics Core Facility.

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