

CTCF

June 3, 2026

T2T.CIS_BP_2.00_Homo_sapiens

T2T.CIS_BP_2.00_Homo_sapiens

Description

T2T CTCF motifs detected using human PWM matrices from <http://cisbp.cibr.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.CTCFBSDB_PWM

T2T.CTCFBSDB_PWM

Description

T2T CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.HOCOMOCOv11_core_HUMAN_mono_meme_format

T2T.HOCOMOCOv11_core_HUMAN_mono_meme_format

Description

T2T CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.JASPAR2022_CORE Vertebrates_non_redundant_v2

T2T.JASPAR2022_CORE Vertebrates_non_redundant_v2

Description

T2T CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.Jolma2013

T2T.Jolma2013

Description

T2T CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.MA0139.1

T2T.MA0139.1

Description

T2T CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

T2T.SwissRegulon_human_and_mouse

T2T.SwissRegulon_human_and_mouse

Description

T2T CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg18.CTCFBSDB.CTCF_predicted_human
hg18.CTCFBSDB.CTCF_predicted_human

Description

hg18 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg18.MA0139.1 *hg18.MA0139.1*

Description

hg18 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.CIS_BP_2.00_Homo_sapiens
hg19.CIS_BP_2.00_Homo_sapiens

Description

hg19 CTCF motifs detected using human PWM matrices from <http://cisbp.cibr.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.CTCFBSDB.CTCF_predicted_human
hg19.CTCFBSDB.CTCF_predicted_human

Description

hg19 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>. liftOver from hg18

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.CTCFBSDB_PWM *hg19.CTCFBSDB_PWM*

Description

hg19 CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.HOCOMOCov11_core_HUMAN_mono_meme_format
hg19.HOCOMOCov11_core_HUMAN_mono_meme_format

Description

hg19 CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.JASPAR2022_CORE Vertebrates_non_redundant_v2
hg19.JASPAR2022_CORE Vertebrates_non_redundant_v2

Description

hg19 CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.Jolma2013 *hg19.Jolma2013*

Description

hg19 CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.MA0139.1 *hg19.MA0139.1*

Description

hg19 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg19.SwissRegulon_human_and_mouse
hg19.SwissRegulon_human_and_mouse

Description

hg19 CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.CIS_BP_2.00_Homo_sapiens
hg38.CIS_BP_2.00_Homo_sapiens

Description

hg38 CTCF motifs detected using human PWM matrices from <http://cisbp.ccb.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.CTCFBSDB.CTCF_predicted_human
hg38.CTCFBSDB.CTCF_predicted_human

Description

hg38 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>. liftOver from hg18

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.CTCFBSDB_PWM *hg38.CTCFBSDB_PWM*

Description

hg38 CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.HOCOMOCov11_core_HUMAN_mono_meme_format
hg38.HOCOMOCov11_core_HUMAN_mono_meme_format

Description

hg38 CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.JASPAR2022_CORE Vertebrates_non_redundant_v2
hg38.JASPAR2022_CORE Vertebrates_non_redundant_v2

Description

hg38 CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.Jolma2013 *hg38.Jolma2013*

Description

hg38 CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.MA0139.1 *hg38.MA0139.1*

Description

hg38 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.SCREEN.GRCh38_CTCF
hg38.SCREEN.GRCh38_CTCF

Description

hg38 CTCF-bound human cis-regulatory elements from <https://screen.encodeproject.org/>. Derived from experimentally obtained data.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

hg38.SwissRegulon_human_and_mouse
hg38.SwissRegulon_human_and_mouse

Description

hg38 CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.CIS_BP_2.00_Homo_sapiens
mm10.CIS_BP_2.00_Homo_sapiens

Description

mm10 CTCF motifs detected using human PWM matrices from <http://cisbp.ccbr.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.CTCFBSDB.CTCF_predicted_human
mm10.CTCFBSDB.CTCF_predicted_human

Description

mm10 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>. liftOver from mm8

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.CTCFBSDB_PWM *mm10.CTCFBSDB_PWM*

Description

mm10 CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.HOCOMOCov11_core_HUMAN_mono_meme_format
mm10.HOCOMOCov11_core_HUMAN_mono_meme_format

Description

mm10 CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.JASPAR2022_CORE Vertebrates_non_redundant_v2
mm10.JASPAR2022_CORE Vertebrates_non_redundant_v2

Description

mm10 CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.Jolma2013

mm10.Jolma2013

Description

mm10 CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.MA0139.1

mm10.MA0139.1

Description

mm10 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.SCREEN.GRCh38_CTCF

mm10.SCREEN.GRCh38_CTCF

Description

mm10 CTCF-bound human cis-regulatory elements from <https://screen.encodeproject.org/>. Derived from experimentally obtained data.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm10.SwissRegulon_human_and_mouse

mm10.SwissRegulon_human_and_mouse

Description

mm10 CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.CIS_BP_2.00_Homo_sapiens

mm39.CIS_BP_2.00_Homo_sapiens

Description

mm39 CTCF motifs detected using human PWM matrices from <http://cisbp.cibr.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.CTCFBSDB_PWM

mm39.CTCFBSDB_PWM

Description

mm39 CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.HOCOMOCov11_core_HUMAN_mono_meme_format

mm39.HOCOMOCov11_core_HUMAN_mono_meme_format

Description

mm39 CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.JASPAR2022_CORE_vertibrates_non_redundant_v2

mm39.JASPAR2022_CORE_vertibrates_non_redundant_v2

Description

mm39 CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.Jolma2013 *mm39.Jolma2013*

Description

mm39 CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.MA0139.1 *mm39.MA0139.1*

Description

mm39 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm39.SwissRegulon_human_and_mouse
mm39.SwissRegulon_human_and_mouse

Description

mm39 CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm8.CTCFBSDB.CTCF_predicted_human
mm8.CTCFBSDB.CTCF_predicted_human

Description

mm8 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.CIS_BP_2.00_Homo_sapiens

mm9.CIS_BP_2.00_Homo_sapiens

Description

mm9 CTCF motifs detected using human PWM matrices from <http://cisbp.cabr.utoronto.ca/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.CTCFBSDB.CTCF_predicted_human

mm9.CTCFBSDB.CTCF_predicted_human

Description

mm9 CTCF predicted motifs from <https://insulatordb.uthsc.edu/>. liftOver from mm8

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.CTCFBSDB_PWM

mm9.CTCFBSDB_PWM

Description

mm9 CTCF motifs detected using PWM matrices from <https://insulatordb.uthsc.edu/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.HOCOMOCov11_core_HUMAN_mono_meme_format

mm9.HOCOMOCov11_core_HUMAN_mono_meme_format

Description

mm9 CTCF motifs detected using human PWM matrices from <https://hocomoco11.autosome.org/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.JASPAR2022_CORE_vertibrates_non_redundant_v2

mm9.JASPAR2022_CORE_vertibrates_non_redundant_v2

Description

mm9 CTCF motifs detected using human PWM matrices from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.Jolma2013

mm9.Jolma2013

Description

mm9 CTCF motifs detected using PWM matrices from DOI:10.1016/j.cell.2012.12.009, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.MA0139.1

mm9.MA0139.1

Description

mm9 CTCF motifs detected using MA0139.1 PWM matrix from <https://jaspar.genereg.net/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

mm9.SwissRegulon_human_and_mouse

mm9.SwissRegulon_human_and_mouse

Description

mm9 CTCF motifs detected using PWM matrices from <https://swissregulon.unibas.ch/sr/>, by FIMO. Filtering by p-value < 1e-6 and reducing GRanges is recommended.

Author(s)

Mikhail Dozmorov <mikhail.dozmorov@gmail.com>

Index

hg18.CTCFBSDB.CTCF_predicted_human, [3](#)
hg18.MA0139.1, [3](#)
hg19.CIS_BP_2.00_Homo_sapiens, [3](#)
hg19.CTCFBSDB.CTCF_predicted_human, [3](#)
hg19.CTCFBSDB_PWM, [4](#)
hg19.HOCOMOCov11_core_HUMAN_mono_meme_format,
[4](#)
hg19.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[4](#)
hg19.Jolma2013, [4](#)
hg19.MA0139.1, [5](#)
hg19.SwissRegulon_human_and_mouse, [5](#)
hg38.CIS_BP_2.00_Homo_sapiens, [5](#)
hg38.CTCFBSDB.CTCF_predicted_human, [5](#)
hg38.CTCFBSDB_PWM, [6](#)
hg38.HOCOMOCov11_core_HUMAN_mono_meme_format,
[6](#)
hg38.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[6](#)
hg38.Jolma2013, [6](#)
hg38.MA0139.1, [7](#)
hg38.SCREEN.GRCh38_CTCF, [7](#)
hg38.SwissRegulon_human_and_mouse, [7](#)

mm10.CIS_BP_2.00_Homo_sapiens, [7](#)
mm10.CTCFBSDB.CTCF_predicted_human, [8](#)
mm10.CTCFBSDB_PWM, [8](#)
mm10.HOCOMOCov11_core_HUMAN_mono_meme_format,
[8](#)
mm10.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[8](#)
mm10.Jolma2013, [9](#)
mm10.MA0139.1, [9](#)
mm10.SCREEN.GRCh38_CTCF, [9](#)
mm10.SwissRegulon_human_and_mouse, [9](#)
mm39.CIS_BP_2.00_Homo_sapiens, [10](#)
mm39.CTCFBSDB_PWM, [10](#)
mm39.HOCOMOCov11_core_HUMAN_mono_meme_format,
[10](#)
mm39.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[10](#)
mm39.Jolma2013, [11](#)
mm39.MA0139.1, [11](#)
mm39.SwissRegulon_human_and_mouse, [11](#)

mm8.CTCFBSDB.CTCF_predicted_human, [11](#)
mm9.CIS_BP_2.00_Homo_sapiens, [12](#)
mm9.CTCFBSDB.CTCF_predicted_human, [12](#)
mm9.CTCFBSDB_PWM, [12](#)
mm9.HOCOMOCov11_core_HUMAN_mono_meme_format,
[12](#)
mm9.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[13](#)
mm9.Jolma2013, [13](#)
mm9.MA0139.1, [13](#)
mm9.SwissRegulon_human_and_mouse, [13](#)

T2T.CIS_BP_2.00_Homo_sapiens, [1](#)
T2T.CTCFBSDB_PWM, [1](#)
T2T.HOCOMOCov11_core_HUMAN_mono_meme_format,
[1](#)
T2T.JASPAR2022_CORE Vertebrates_non_redundant_v2,
[2](#)
T2T.Jolma2013, [2](#)
T2T.MA0139.1, [2](#)
T2T.SwissRegulon_human_and_mouse, [2](#)