

CTCF

April 10, 2024

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_vertibrates_non_redundant_v2
T2T.JASPAR2022_CORE_vertibrates_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_vertibrates_non_redundant_v2
hg19.JASPAR2022_CORE_vertibrates_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.

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hg19.SwissRegulon_human_and_mouse

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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.cabr.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_vertibrates_non_redundant_v2
hg38.JASPAR2022_CORE_vertibrates_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.

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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	<i>hg38.MA0139.1</i>
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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	<i>hg38.SCREEN.GRCh38_CTCF</i>
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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	<i>hg38.SwissRegulon_human_and_mouse</i>
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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.cibr.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_vertbrates_non_redundant_v2

mm10.JASPAR2022_CORE_vertbrates_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)

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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 Vertebrates_non_redundant_v2
mm39.JASPAR2022_CORE Vertebrates_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.cibr.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 Vertebrates_non_redundant_v2

mm9.JASPAR2022_CORE Vertebrates_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, 4
hg19.CIS_BP_2.00_Homo_sapiens, 4
hg19.CTCFBSDB.CTCF_predicted_human, 4
hg19.CTCFBSDB_PWM, 5
hg19.HOCOMOCov11_core_HUMAN_mono_meme_format, 5
hg19.JASPAR2022_CORE_vertibrates_non_redundant_v2, 5
hg19.JoIma2013, 6
hg19.MA0139.1, 6
hg19.SwissRegulon_human_and_mouse, 6
hg38.CIS_BP_2.00_Homo_sapiens, 7
hg38.CTCFBSDB.CTCF_predicted_human, 7
hg38.CTCFBSDB_PWM, 7
hg38.HOCOMOCov11_core_HUMAN_mono_meme_format, 8
hg38.JASPAR2022_CORE_vertibrates_non_redundant_v2, 8
hg38.JoIma2013, 8
hg38.MA0139.1, 9
hg38.SCREEN.GRCh38_CTCF, 9
hg38.SwissRegulon_human_and_mouse, 9

mm10.CIS_BP_2.00_Homo_sapiens, 10
mm10.CTCFBSDB.CTCF_predicted_human, 10
mm10.CTCFBSDB_PWM, 10
mm10.HOCOMOCov11_core_HUMAN_mono_meme_format, 11
mm10.JASPAR2022_CORE_vertibrates_non_redundant_v2, 11
mm10.JoIma2013, 11
mm10.MA0139.1, 12
mm10.SCREEN.GRCh38_CTCF, 12
mm10.SwissRegulon_human_and_mouse, 12
mm39.CIS_BP_2.00_Homo_sapiens, 13
mm39.CTCFBSDB_PWM, 13
mm39.HOCOMOCov11_core_HUMAN_mono_meme_format, 13
mm39.JASPAR2022_CORE_vertibrates_non_redundant_v2, 14
mm39.JoIma2013, 14
mm39.MA0139.1, 14
mm39.SwissRegulon_human_and_mouse, 15
mm8.CTCFBSDB.CTCF_predicted_human, 15
mm9.CIS_BP_2.00_Homo_sapiens, 15
mm9.CTCFBSDB.CTCF_predicted_human, 16
mm9.CTCFBSDB_PWM, 16
mm9.HOCOMOCov11_core_HUMAN_mono_meme_format, 16
mm9.JASPAR2022_CORE_vertibrates_non_redundant_v2, 17
mm9.JoIma2013, 17
mm9.MA0139.1, 17
mm9.SwissRegulon_human_and_mouse, 18
T2T.CIS_BP_2.00_Homo_sapiens, 1
T2T.CTCFBSDB_PWM, 1
T2T.HOCOMOCov11_core_HUMAN_mono_meme_format, 2
T2T.JASPAR2022_CORE_vertibrates_non_redundant_v2, 2
T2T.JoIma2013, 2
T2T.MA0139.1, 3
T2T.SwissRegulon_human_and_mouse, 3