

CTCF

October 15, 2025

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.ccbr.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_vertbrates_non_redundant_v2

T2T.JASPAR2022_CORE_vertbrates_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.ccbr.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	<i>hg19.CTCFBSDB_PWM</i>
-------------------	--------------------------

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	<i>hg19.HOCOMOCov11_core_HUMAN_mono_meme_format</i>
--	---

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_vertbrates_non_redundant_v2	<i>hg19.JASPAR2022_CORE_vertbrates_non_redundant_v2</i>
--	---

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	<i>hg19.Jolma2013</i>
----------------	-----------------------

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.ccbr.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	<i>hg38.CTCFBSDB_PWM</i>
-------------------	--------------------------

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	<i>hg38.HOCOMOCov11_core_HUMAN_mono_meme_format</i>
--	---

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_vertbrates_non_redundant_v2	<i>hg38.JASPAR2022_CORE_vertbrates_non_redundant_v2</i>
--	---

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	<i>hg38.Jolma2013</i>
----------------	-----------------------

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.ccbr.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_vertbrates_non_redundant_v2

*mm39.JASPAR2022_CORE_vertbrates_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.ccb.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, [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, [12](#)
hg19.JASPAR2022_CORE_vertbrates_non_redundant_v2, [13](#)
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_vertbrates_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_vertbrates_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_vertbrates_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_vertbrates_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_vertbrates_non_redundant_v2, [2](#)
T2T.Jolma2013, [2](#)
T2T.MA0139.1, [2](#)
T2T.SwissRegulon_human_and_mouse, [2](#)