

Drosophila BTB/POZ Domains of *ettk* Group Can with Each Other

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nuclear Organization and Genome Function. Annual Review of Cell and Developmental Biology, 2012, 28, 163-187.	4.0	99
2	<i>Drosophila</i> CTCF tandemly aligns with other insulator proteins at the borders of H3K27me3 domains. Genome Research, 2012, 22, 2176-2187.	2.4	115
3	Genetic Basis for Developmental Homeostasis of Germline Stem Cell Niche Number: A Network of Tramtrack-Group Nuclear BTB Factors. PLoS ONE, 2012, 7, e49958.	1.1	16
4	GAGA factor repression of transcription is a rare event but the negative regulation of Trl is conserved in <i>Drosophila</i> species. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 1056-1065.	0.9	6
5	Following the "tracks": Tramtrack69 regulates epithelial tube expansion in the <i>Drosophila</i> ovary through Paxillin, Dynamin, and the homeobox protein Mirror. Developmental Biology, 2013, 378, 154-169.	0.9	23
6	What Goes Up Must Come Down. Current Topics in Developmental Biology, 2013, 103, 35-71.	1.0	68
7	Effective Blocking of the White Enhancer Requires Cooperation between Two Main Mechanisms Suggested for the Insulator Function. PLoS Genetics, 2013, 9, e1003606.	1.5	44
8	Global analysis of <i>Drosophila</i> Cys2-His2 zinc finger proteins reveals a multitude of novel recognition motifs and binding determinants. Genome Research, 2013, 23, 928-940.	2.4	70
9	Mechanisms and proteins involved in long-distance interactions. Frontiers in Genetics, 2014, 5, 28.	1.1	64
10	The evolution of novelty in conserved genes; evidence of positive selection in the <i>Drosophila</i> fruitless gene is localised to alternatively spliced exons. Heredity, 2014, 112, 300-306.	1.2	15
11	Chromatin Insulator Factors Involved in Long-Range DNA Interactions and Their Role in the Folding of the <i>Drosophila</i> Genome. PLoS Genetics, 2014, 10, e1004544.	1.5	101
12	Identification and Expression Profiling of the BTB Domain-Containing Protein Gene Family in the Silkworm, <i>Bombyx mori</i> . International Journal of Genomics, 2014, 2014, 1-14.	0.8	10
13	Making connections: Insulators organize eukaryotic chromosomes into independent cis-regulatory networks. BioEssays, 2014, 36, 163-172.	1.2	87
14	Chromatin insulators and long-distance interactions in <i>Drosophila</i> . FEBS Letters, 2014, 588, 8-14.	1.3	89
15	The contribution of domestic scientists to the discovery and studies of animal messenger RNA. Herald of the Russian Academy of Sciences, 2015, 85, 295-301.	0.2	0
16	EAST Organizes <i>Drosophila</i> Insulator Proteins in the Interchromosomal Nuclear Compartment and Modulates CP190 Binding to Chromatin. PLoS ONE, 2015, 10, e0140991.	1.1	13
17	The functional diversity of <i>Drosophila</i> Ino80 in development. Mechanisms of Development, 2015, 138, 113-121.	1.7	6
18	Functional role of dimerization and CP190 interacting domains of CTCF protein in <i>Drosophila melanogaster</i> . BMC Biology, 2015, 13, 63.	1.7	62

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19	Functional Requirements for <i>Fab-7</i> Boundary Activity in the Bithorax Complex. <i>Molecular and Cellular Biology</i> , 2015, 35, 3739-3752.	1.1	51
20	Two new insulator proteins, Pita and ZIPIC, target CP190 to chromatin. <i>Genome Research</i> , 2015, 25, 89-99.	2.4	106
21	Insulators can disrupt weak transcription derived from the white gene enhancer in <i>Drosophila</i> transgenic lines. <i>Russian Journal of Genetics</i> , 2016, 52, 1204-1207.	0.2	0
22	Protein crystallization under microgravity conditions. Analysis of the results of Russian experiments performed on the International Space Station in 2005-2015. <i>Crystallography Reports</i> , 2016, 61, 718-729.	0.1	18
23	<i>lola</i> Is an Evolutionarily New Epigenetic Regulator of <i>dpp</i> Transcription during Dorsal-Ventral Axis Formation. <i>Molecular Biology and Evolution</i> , 2016, 33, 2621-2632.	3.5	5
24	Broad complex, tramtrack, and bric-96 (BTB) proteins: Critical regulators of development. <i>Genesis</i> , 2016, 54, 505-518.	0.8	78
25	De Novo Transcriptome Assembly and Sex-Biased Gene Expression in the Cyclical Parthenogenetic <i>Daphnia galeata</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 3120-3139.	1.1	38
26	Pits, a protein interacting with Ttk69 and Sin3A, has links to histone deacetylation. <i>Scientific Reports</i> , 2016, 6, 33388.	1.6	8
27	Distinct Roles of Chromatin Insulator Proteins in Control of the <i>Drosophila</i> Bithorax Complex. <i>Genetics</i> , 2016, 202, 601-617.	1.2	37
28	EAST affects the activity of Su(Hw) insulators by two different mechanisms in <i>Drosophila melanogaster</i> . <i>Chromosoma</i> , 2017, 126, 299-311.	1.0	8
29	Three-Dimensional Genome Organization and Function in <i>Drosophila</i> . <i>Genetics</i> , 2017, 205, 5-24.	1.2	61
30	Different Evolutionary Strategies To Conserve Chromatin Boundary Function in the Bithorax Complex. <i>Genetics</i> , 2017, 205, 589-603.	1.2	14
31	Multiple interactions are involved in a highly specific association of the Mod(mdg4)-67.2 isoform with the Su(Hw) sites in <i>Drosophila</i> . <i>Open Biology</i> , 2017, 7, 170150.	1.5	20
32	Opbp is a new architectural/insulator protein required for ribosomal gene expression. <i>Nucleic Acids Research</i> , 2017, 45, 12285-12300.	6.5	27
33	<i>Drosophila</i> Dosage Compensation Loci Associate with a Boundary-Forming Insulator Complex. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	23
34	Purification, isolation, crystallization, and preliminary X-ray diffraction study of the BTB domain of the centrosomal protein 190 from <i>Drosophila melanogaster</i> . <i>Crystallography Reports</i> , 2017, 62, 909-911.	0.1	0
35	Preliminary small-angle X-ray scattering and X-ray diffraction studies of the BTB domain of <i>lola</i> protein from <i>Drosophila melanogaster</i> . <i>Crystallography Reports</i> , 2017, 62, 912-915.	0.1	0
36	The GAGA factor regulatory network: Identification of GAGA factor associated proteins. <i>PLoS ONE</i> , 2017, 12, e0173602.	1.1	41

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37	Interactions between BTB domain of CP190 and two adjacent regions in Su(Hw) are required for the insulator complex formation. <i>Chromosoma</i> , 2018, 127, 59-71.	1.0	20
38	Vertebrate GAF/ThPOK: emerging functions in chromatin architecture and transcriptional regulation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 623-633.	2.4	13
39	Genome-wide identification and expression analysis of the BTB domain-containing protein gene family in tomato. <i>Genes and Genomics</i> , 2018, 40, 1-15.	0.5	32
40	<i>Drosophila</i> DNA-Binding Proteins in Polycomb Repression. <i>Epigenomes</i> , 2018, 2, 1.	0.8	22
41	Studying Interactions between the Mod(mdg4)-67.2 Protein and Other Mod(mdg4) Isoforms in the Embryonic Cells of <i>Drosophila melanogaster</i> . <i>Doklady Biochemistry and Biophysics</i> , 2019, 486, 175-180.	0.3	1
42	Shaping of <i>Drosophila</i> Neural Cell Lineages Through Coordination of Cell Proliferation and Cell Fate by the BTB-ZF Transcription Factor Tramtrack-69. <i>Genetics</i> , 2019, 212, 773-788.	1.2	3
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44	A functional assay to classify <i>ZBTB24</i> missense variants of unknown significance. <i>Human Mutation</i> , 2019, 40, 1077-1083.	1.1	6
45	Functions of Insulators in the Context of Modern Whole-Genome Investigations. <i>Russian Journal of Genetics</i> , 2019, 55, 154-162.	0.2	2
46	Identifying Genome-Wide Sequence Variations and Candidate Genes Implicated in Self-Incompatibility by Resequencing <i>Fragaria viridis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1039.	1.8	6
47	The same domain of Su(Hw) is required for enhancer blocking and direct promoter repression. <i>Scientific Reports</i> , 2019, 9, 5314.	1.6	12
48	The zinc-finger protein CLAMP promotes gypsy chromatin insulator function in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2019, 132, .	1.2	24
49	HIPP1 stabilizes the interaction between CP190 and Su(Hw) in the <i>Drosophila</i> insulator complex. <i>Scientific Reports</i> , 2019, 9, 19102.	1.6	11
50	Bab2 Functions as an Ecdysone-Responsive Transcriptional Repressor during <i>Drosophila</i> Development. <i>Cell Reports</i> , 2020, 32, 107972.	2.9	15
51	<i>let-7-Complex</i> MicroRNAs Regulate Broad-Z3, Which Together with Chinmo Maintains Adult Lineage Neurons in an Immature State. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1393-1401.	0.8	6
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53	The roles of jim lovell and uninflatable in different endopolyploid larval tissues of <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2020, 15, e0237662.	1.1	3
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55	Structure of Neuroglobin from Cold-Water Sponge <i>Halisarca dujardinii</i> . <i>Molecular Biology</i> , 2020, 54, 416-420.	0.4	2
56	Mechanisms of Enhancer-Promoter Interactions in Higher Eukaryotes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 671.	1.8	43
57	A gene regulatory network for antenna size control in carbon dioxide-deprived <i>Chlamydomonas reinhardtii</i> cells. <i>Plant Cell</i> , 2021, 33, 1303-1318.	3.1	10
58	GAGA factor: a multifunctional pioneering chromatin protein. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4125-4141.	2.4	37
59	TTK Isoforms Interact with Two Regions of the Mep-1 Protein of <i>Drosophila melanogaster</i> . <i>Doklady Biochemistry and Biophysics</i> , 2021, 498, 177-179.	0.3	1
60	The Elongation Regulators and Architectural Proteins as New Participants of Eukaryotic Gene Transcription. <i>Russian Journal of Genetics</i> , 2021, 57, 751-763.	0.2	2
61	M1BP cooperates with CP190 to activate transcription at TAD borders and promote chromatin insulator activity. <i>Nature Communications</i> , 2021, 12, 4170.	5.8	35
63	Structural analysis of the PATZ1 BTB domain homodimer. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 581-593.	1.1	5
64	Regulation of Gonad Morphogenesis in <i>Drosophila melanogaster</i> by BTB Family Transcription Factors. <i>PLoS ONE</i> , 2016, 11, e0167283.	1.1	11
65	Role of Su(Hw) zinc finger 10 and interaction with CP190 and Mod(mdg4) proteins in recruiting the Su(Hw) complex to chromatin sites in <i>Drosophila</i> . <i>PLoS ONE</i> , 2018, 13, e0193497.	1.1	12
66	The Functions and Mechanisms of Action of Insulators in the Genomes of Higher Eukaryotes. <i>Acta Naturae</i> , 2020, 12, 15-33.	1.7	16
67	Discovery of Nuclear DNA-like RNA (dRNA, hnRNA) and Ribonucleoproteins Particles Containing hnRNA. <i>Acta Naturae</i> , 2016, 8, 6-12.	1.7	1
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74	Discovery of Nuclear DNA-like RNA (dRNA, hnRNA) and Ribonucleoproteins Particles Containing hnRNA. <i>Acta Naturae</i> , 2016, 8, 6-12.	1.7	0
75	Mechanisms of CP190 Interaction with Architectural Proteins in <i>Drosophila Melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 12400.	1.8	11
77	Polycomb repressive complex 1 initiates and maintains tailless repression in <i>Drosophila</i> embryo. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194786.	0.9	0
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82	Mod(mdg4) variants repress telomeric retrotransposon <i>HeT-A</i> by blocking subtelomeric enhancers. <i>Nucleic Acids Research</i> , 0, , .	6.5	2
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84	Homologous chromosomes are stably conjoined for <i>Drosophila</i> male meiosis I by SUM, a multimerized protein assembly with modules for DNA-binding and for separase-mediated dissociation co-opted from cohesin. <i>PLoS Genetics</i> , 2022, 18, e1010547.	1.5	5
86	Mechanisms of Interaction between Enhancers and Promoters in Three <i>Drosophila</i> Model Systems. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2855.	1.8	11
87	Topological screen identifies hundreds of Cp190- and CTCF-dependent <i>Drosophila</i> chromatin insulator elements. <i>Science Advances</i> , 2023, 9, .	4.7	7
88	Age-related ceRNA networks in adult <i>Drosophila</i> ageing. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	2
89	GAGA-associated factor fosters loop formation in the <i>Drosophila</i> genome. <i>Molecular Cell</i> , 2023, 83, 1519-1526.e4.	4.5	16