Hi-C, ATAC-seq and ChIP-seq datasets of Drosophila embryos and Kc cells

true

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Abstract

Hi-C, ChIP-seq and ATAC-seq datasets for Drosophila embryos, used in Hug et al. (2017) Cell paper. Including 26 datasets, ~ 400 samples.

Contents

A. Summary

A total of **26** deposited datasets associated with **12** accession numbers, ~**400** samples in GEO, SRA and flybase databases.

Raw data of the two papers (Blythe and Wieschaus, 2016; Hug et al., 2017) were download for further analysis. (81 samples, and 110 samples.)

Note

- "14. Barren ChIP-seq from Kc cells" was **not found** in Li et al. (2015) dataset (GSE62904)
- "ProcessedData", the signal (.bigWig), peak (.bed) files from the submission.
- "Plots", repeat the plots shown in the papers (Blythe and Wieschaus, 2016, eLife; Hug et al., 2017, Cell)
- "NA" and blank, data not downloaded, or plots not generated.

num	Deposited_data	Source	Identifier
1*	Hi-C from staged embryos	this paper	ArrayExpress: E-MTAB
2	Hi-C from Kc cells	Li et al. (2015)	GEO: GSE63515
3	Hi-C from 16-18hpf embryos	Sexton et al. (2012)	GEO: GSE34453
4*	RNA Pol II ChIP-seq reads from injected staged embryos	this paper	ArrayExpress: E-MTAB
5	RNA Pol II ChIP-seq from staged embryos	Blythe and Wieschaus (2015)	GEO: GSE62925
6	Histone ChIP-seq from staged embryos	Li et al. (2014)	GEO: GSE58935
7	Zld ChIP-seq from 2-3hpf embryos	Sun et al. (2015)	GEO: GSE65441
8	Zld ChIP-seq from staged embryos	Harrison et al. (2011)	GEO: GSE30757
9*	ATAC-seq from staged embryos	Blythe and Wieschaus (2016)	GEO: GSE83851
10	BEAF ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
11	CapH2 ChIP-seq from Kc cells	Van Bortle et al. (2014)	GEO: GSE54529
12	CBP ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
13	Chromator ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
14	Barren ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904

num	Deposited_data	Source	Identifier
15	CP190 ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
16	CTCF ChIP-seq from Kc cells	Van Bortle et al. (2014)	GEO: GSE54529
17	DREF ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
18	GAF ChIP-seq from Kc cells	Van Bortle et al. (2014)	GEO: GSE54529
19	IIC220 ChIP-seq from Kc cells	Van Bortle et al. (2014)	GEO: GSE54529
20	L3mbt ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
21	Modmdg4 ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
22	Rad21 ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
23	Su(Hw) ChIP-seq from Kc cells [CP190, dCTCF, BEAF]	Wood et al. (2011)	GEO: GSE30740
24	TFIIIC ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
25	Z4 ChIP-seq from Kc cells	Li et al. (2015)	GEO: GSE62904
26	FlyBase RNA-seq profile	Graveley et al. (2011)	http://flybase.org/static

B. Details

1. Hi-C from staged embryos (E-MTAB-4918)

- Accession Number: ERP016479
- Number of samples: 110
- Library: Hi-C, ChIP-Seq
- Title: Widespread rearrangement of 3D chromatin organization underlies polycomb-mediated stress-induced silencing
- Reference: Hug et al. (2017)

  Hug, C. B., Grimaldi, A. G., Kruse, K. & Vaquerizas, J. M. Chromatin Architecture Emerges during Zygotic Genome Activation Independent of Transcription. Cell 169, 216-228.e19 (2017).

- 1.1 Sample information

number	run	sample	study
1	ERR1533225	ERS1250417	ERP016479
2	ERR1533230	ERS1250419	ERP016479
3	ERR1533221	ERS1250416	ERP016479
4	ERR1533218	ERS1250416	ERP016479
5	ERR1533172	ERS1250403	ERP016479
6	ERR1533178	ERS1250405	ERP016479
7	ERR1533171	ERS1250403	ERP016479
8	ERR1533238	ERS1250421	ERP016479
9	ERR1533214	ERS1250415	ERP016479
10	ERR1533209	ERS1250413	ERP016479
11	ERR1533227	ERS1250418	ERP016479
12	ERR1533240	ERS1250421	ERP016479
13	ERR1533204	ERS1250412	ERP016479
14	ERR1533211	ERS1250414	ERP016479
15	ERR1533181	ERS1250405	ERP016479
16	ERR1533174	ERS1250404	ERP016479
17	ERR1533243	ERS1250422	ERP016479

number	run	sample	study
18	ERR1533228	ERS1250418	ERP016479
19	ERR1533234	ERS1250420	ERP016479
20	ERR1533239	ERS1250421	ERP016479
21	ERR1533223	ERS1250417	ERP016479
22	ERR1533202	ERS1250411	ERP016479
23	ERR1533213	ERS1250414	ERP016479
24	ERR1533232	ERS1250419	ERP016479
25	ERR1533170	ERS1250403	ERP016479
26	ERR1533203	ERS1250411	ERP016479
27	ERR1533207	ERS1250413	ERP016479
28	ERR1533175	ERS1250404	ERP016479
29	ERR1533233	ERS1250419	ERP016479
30	ERR1533182	ERS1250406	ERP016479
31	ERR1533229	ERS1250418	ERP016479
32	ERR1533180	ERS1250405	ERP016479
33	ERR1533198	ERS1250410	ERP016479
34	ERR1533220	ERS1250416	ERP016479
35	ERR1533216	ERS1250415	ERP016479
36	ERR1533177	ERS1250404	ERP016479
37	ERR1533235	ERS1250420	ERP016479
38	ERR1533226	ERS1250418	ERP016479
39	ERR1533210	ERS1250414	ERP016479
40	ERR1533241	ERS1250422	ERP016479
41	ERR1533179	ERS1250405	ERP016479
42	ERR1533191	ERS1250408	ERP016479
43	ERR1533197	ERS1250410	ERP016479
44	ERR1533217	ERS1250415	ERP016479
45	ERR1533206	ERS1250412	ERP016479
46	ERR1533219	ERS1250416	ERP016479
47	ERR1533224	ERS1250417	ERP016479
48	ERR1533237	ERS1250421	ERP016479
49	ERR1533208	ERS1250413	ERP016479
50	ERR1533201	ERS1250411	ERP016479
51	ERR1533212	ERS1250414	ERP016479
52	ERR1533222	ERS1250417	ERP016479
53	ERR1533173	ERS1250403	ERP016479
54	ERR1533244	ERS1250422	ERP016479
55	ERR1533193	ERS1250409	ERP016479
56	ERR1533236	ERS1250420	ERP016479
57	ERR1533231	ERS1250419	ERP016479
58	ERR1533192	ERS1250408	ERP016479
59	ERR1533190	ERS1250408	ERP016479
60	ERR1533184	ERS1250406	ERP016479
61	ERR1533205	ERS1250412	ERP016479
62	ERR1533242	ERS1250422	ERP016479
63	ERR1533189	ERS1250408	ERP016479
64	ERR1533186	ERS1250407	ERP016479
65	ERR1533200	ERS1250411	ERP016479
66	ERR1533195	ERS1250409	ERP016479
67	ERR1533215	ERS1250415	ERP016479
68	ERR1533199	ERS1250410	ERP016479
69	ERR1533194	ERS1250409	ERP016479

number	run	sample	study
70	ERR1533183	ERS1250406	ERP016479
71	ERR1533187	ERS1250407	ERP016479
72	ERR1533188	ERS1250407	ERP016479
73	ERR1533196	ERS1250409	ERP016479
74	ERR1533176	ERS1250404	ERP016479
75	ERR1533185	ERS1250407	ERP016479
76	ERR1912869	ERS1647128	ERP016479
77	ERR1912899	ERS1647153	ERP016479
78	ERR1912878	ERS1647135	ERP016479
79	ERR1912881	ERS1647138	ERP016479
80	ERR1912884	ERS1647141	ERP016479
81	ERR1912873	ERS1647130	ERP016479
82	ERR1912886	ERS1647143	ERP016479
83	ERR1912868	ERS1647128	ERP016479
84	ERR1912867	ERS1647127	ERP016479
85	ERR1912874	ERS1647131	ERP016479
86	ERR1912883	ERS1647140	ERP016479
87	ERR1912877	ERS1647134	ERP016479
88	ERR1912887	ERS1647144	ERP016479
89	ERR1912898	ERS1647153	ERP016479
90	ERR1912888	ERS1647145	ERP016479
91	ERR1912872	ERS1647129	ERP016479
92	ERR1912882	ERS1647139	ERP016479
93	ERR1912885	ERS1647142	ERP016479
94	ERR1912879	ERS1647136	ERP016479
95	ERR1912891	ERS1647148	ERP016479
96	ERR1912875	ERS1647132	ERP016479
97	ERR1912876	ERS1647133	ERP016479
98	ERR1912896	ERS1647152	ERP016479
99	ERR1912890	ERS1647147	ERP016479
100	ERR1912893	ERS1647150	ERP016479
101	ERR1912865	ERS1647127	ERP016479
102	ERR1912894	ERS1647151	ERP016479
103	ERR1912897	ERS1647152	ERP016479
104	ERR1912889	ERS1647146	ERP016479
105	ERR1912892	ERS1647149	ERP016479
106	ERR1912880	ERS1647137	ERP016479
107	ERR1912866	ERS1647127	ERP016479
108	ERR1912871	ERS1647128	ERP016479
109	ERR1912870	ERS1647128	ERP016479
110	ERR1912895	ERS1647151	ERP016479

2. Hi-C from Kc cells (GSE63515)

- Accession Number: GEO: GSE63515
- Number of samples: 17
- Library: Hi-C
- Title: Widespread rearrangement of 3D chromatin organization underlies polycomb-mediated stress-induced silencing

- Reference: Li et al. (2015)

  Li, L., Lyu, X., Hou, C., Takenaka, N., Nguyen, H.Q., Ong, C.-T., Cuben~ asPotts, C., Hu, M., Lei, E.P., Bosco, G., et al. (2015). Widespread rearrangement of 3D chromatin organization underlies polycomb-mediated stress-induced silencing. Mol. Cell 58, 216–231.

- 2.1 Sample information

number	gsm	run	title	study
1	GSM1551439	SRR1658523	Hi-C_HS_7_Rep1	SRP050096
2	GSM1551440	SRR1658524	Hi-C_HS_8_Rep2	SRP050096
3	GSM1551441	SRR1658525	Hi-C_NT5_Rep1	SRP050096
4	GSM1551442	SRR1658526	Hi-C_NT_25_Rep2	SRP050096
5	GSM1551443	SRR1658527	Hi-C_NT_53_Rep3	SRP050096
6	GSM1551444	SRR1658528	Hi-C_NT_89_Rep4	SRP050096
7	GSM1551445	SRR1658529	Hi-C_Triptolide6_Rep1	SRP050096
8	GSM1551446	SRR1658530	Hi-C_Triptolide_26_Rep2	SRP050096
9	GSM1551447	SRR1658531	Hi-C_Triptolide_43_Rep3	SRP050096
10	GSM1551448	SRR1658532	Hi-C_Flavopiridol7_Rep1	SRP050096
11	GSM1551449	SRR1658533	Hi-C_Flavopiridol_27_Rep2	SRP050096
12	GSM1551450	SRR1658534	Hi-C_Flavopiridol_42_Rep3	SRP050096
13	GSM1551451	SRR1658535	Hi-C_Rad21NT_91_Rep1	SRP050096
14	GSM1551452	SRR1658536	Hi-C_CapH28_Rep1	SRP050096
15	GSM1551453	SRR1658537	Hi-C_CapH2_28_Rep2	SRP050096
16	GSM1551454	SRR1658538	Hi-C_CapH2_50_Rep3	SRP050096
17	GSM1551455	SRR1658539	Hi-C_Rad21HS_92_Rep1	SRP050096

- 2.2 Supplementary files

number	GSM	file	url
1	GSM1551439	GSM1551439_Hi-C_HS_7.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
2	GSM1551440	GSM1551440_Hi-C_HS_8.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
3	GSM1551441	GSM1551441_Hi-C_NT_15.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
4	GSM1551442	GSM1551442_Hi-C_NT_25.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
5	GSM1551443	GSM1551443_Hi-C_NT_53.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
6	GSM1551444	GSM1551444_Hi-C_NT_89.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
7	GSM1551445	GSM1551445_Hi-C_Triptolide_16.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
8	GSM1551446	GSM1551446_Hi-C_Triptolide_26.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
9	GSM1551447	GSM1551447_Hi-C_Triptolide_43.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
10	GSM1551448	GSM1551448_Hi-C_Flavopiridol_17.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
11	GSM1551449	GSM1551449_Hi-C_Flavopiridol_27.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
12	GSM1551450	GSM1551450_Hi-C_Flavopiridol_42.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
13	GSM1551451	GSM1551451_Hi-C_Rad21NT_91.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
14	GSM1551452	GSM1551452_Hi-C_CapH2_18.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
15	GSM1551453	GSM1551453_Hi-C_CapH2_28.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
16	GSM1551454	GSM1551454_Hi-C_CapH2_50.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n
17	GSM1551455	GSM1551455_Hi-C_Rad21HS_92.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1551n

3. Hi-C from 16-18hpf embryos (GSE34453)

- Accession Number: GEO: GSE34453
- Number of samples: 2
- Library: Hi-C
- Title: Three-dimensional folding and functional organization principles of the Drosophila genome
- Reference: Sexton et al. (2012)

  Sexton, T., Yaffe, E., Kenigsberg, E., Bantignies, F., Leblanc, B., Hoichman, M., Parrinello, H., Tanay, A., and Cavalli, G. (2012). Three-dimensional folding and functional organization principles of the Drosophila genome. Cell 148, 458–472.

- 3.1 Sample information

number	gsm	run	title	study
1	GSM849421	SRR389756	Pilot simplified Hi-C	SRP009838
2	GSM849421	SRR389760	Pilot simplified Hi-C	SRP009838
3	GSM849421	SRR389761	Pilot simplified Hi-C	SRP009838
4	GSM849421	SRR389758	Pilot simplified Hi-C	SRP009838
5	GSM849421	SRR389757	Pilot simplified Hi-C	SRP009838
6	GSM849421	SRR389759	Pilot simplified Hi-C	SRP009838
7	GSM849422	SRR389765	Deep-sequenced simplified Hi-C	SRP009838
8	GSM849422	SRR389763	Deep-sequenced simplified Hi-C	SRP009838
9	GSM849422	SRR389768	Deep-sequenced simplified Hi-C	SRP009838
10	GSM849422	SRR389762	Deep-sequenced simplified Hi-C	SRP009838
11	GSM849422	SRR389767	Deep-sequenced simplified Hi-C	SRP009838
12	GSM849422	SRR389766	Deep-sequenced simplified Hi-C	SRP009838
13	GSM849422	SRR389764	Deep-sequenced simplified Hi-C	SRP009838

- 3.2 Supplementary files

number	GSM	file	url
1	GSM8494211	GSM849421_10k_bins.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
2	GSM8494212	GSM849421_pilot80k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
3	GSM8494213	GSM849421_160k_bins.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
4	GSM8494214	GSM849421_20k_bins.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
5	GSM8494215	GSM849421_40k_bins.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
6	GSM8494216	GSM849421_80k_bins.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
7	GSM8494217	GSM849421_pilot10k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
8	GSM8494218	GSM849421_pilot160k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
9	GSM8494219	GSM849421_pilot20k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
10	GSM84942110	GSM849421_pilot40k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
11	GSM8494221	GSM849422_deep10k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
12	GSM8494222	GSM849422_deep160k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
13	GSM8494223	GSM849422_deep20k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
14	GSM8494224	GSM849422_deep40k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn
15	GSM8494225	GSM849422_deep80k_normalized.txt.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM849nnn

4. RNA Pol II ChIP-seq reads from injected staged embryos (E-MTAB-4918)

Details: **see section 1.**

5. RNA Pol II ChIP-seq from staged embryos (GSE62925)

- Accession Number: GEO: GSE62925
- Number of samples: 17
- Library: ChIP-seq
- Title: Zygotic genome activation triggers the DNA replication checkpoint at the midblastula transition
- Reference: Blythe and Wieschaus (2015)

  Blythe, S.A., and Wieschaus, E.F. (2015). Zygotic genome activation triggers the DNA replication checkpoint at the midblastula transition. Cell 160, 1169–1181.

- 5.1 Sample information

number	gsm	run	title	study
1	GSM1536376	SRR1638749	WT_NC12-pSer5	SRP049466
2	GSM1536376	SRR1638750	WT_NC12-pSer5	SRP049466
3	GSM1536377	SRR1638751	WT_NC12-input	SRP049466
4	GSM1536377	SRR1638752	WT_NC12-input	SRP049466
5	GSM1536378	SRR1638753	WT_NC13-IgG	SRP049466
6	GSM1536379	SRR1638755	WT_NC13-pSer5	SRP049466
7	GSM1536379	SRR1638754	WT_NC13-pSer5	SRP049466
8	GSM1536380	SRR1638757	WT_NC13-Rpa70	SRP049466
9	GSM1536380	SRR1638756	WT_NC13-Rpa70	SRP049466
10	GSM1536381	SRR1638758	WT_NC13-input	SRP049466
11	GSM1536381	SRR1638759	WT_NC13-input	SRP049466
12	GSM1536382	SRR1638760	WT_NC14E-pSer5	SRP049466
13	GSM1536382	SRR1638761	WT_NC14E-pSer5	SRP049466
14	GSM1536383	SRR1638762	WT_NC14E-input	SRP049466
15	GSM1536383	SRR1638763	WT_NC14E-input	SRP049466
16	GSM1536384	SRR1638764	WT_NC14M-pSer5	SRP049466
17	GSM1536384	SRR1638765	WT_NC14M-pSer5	SRP049466
18	GSM1536385	SRR1638766	WT_NC14M-input	SRP049466
19	GSM1536385	SRR1638767	WT_NC14M-input	SRP049466
20	GSM1536386	SRR1638768	WT_NC14L-pSer5	SRP049466
21	GSM1536386	SRR1638769	WT_NC14L-pSer5	SRP049466
22	GSM1536387	SRR1638771	WT_NC14L-input	SRP049466
23	GSM1536387	SRR1638770	WT_NC14L-input	SRP049466
24	GSM1536388	SRR1638773	mei-41_NC13-pSer5	SRP049466
25	GSM1536388	SRR1638772	mei-41_NC13-pSer5	SRP049466
26	GSM1536389	SRR1638774	mei-41_NC13-IgG	SRP049466
27	GSM1536389	SRR1638775	mei-41_NC13-IgG	SRP049466
28	GSM1536390	SRR1638776	zld_NC13-pSer5	SRP049466
29	GSM1536390	SRR1638777	zld_NC13-pSer5	SRP049466
30	GSM1536391	SRR1638778	zld_NC13-Rpa70	SRP049466
31	GSM1536391	SRR1638779	zld_NC13-Rpa70	SRP049466
32	GSM1536392	SRR1638781	zld_NC13-input	SRP049466
33	GSM1536392	SRR1638780	zld_NC13-input	SRP049466

- 5.2 Supplementary files

number	GSM	file	url
1	GSM1536376	GSM1536376_WT.NC12.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
2	GSM1536379	GSM1536379_WT.NC13.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
3	GSM1536380	GSM1536380_WT.NC13.Rpa70.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
4	GSM1536382	GSM1536382_WT.NC14E.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
5	GSM1536384	GSM1536384_WT.NC14M.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
6	GSM1536386	GSM1536386_WT.NC14L.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
7	GSM1536388	GSM1536388_mei41.NC13.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
8	GSM1536390	GSM1536390_zld.NC13.pSer5.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/
9	GSM1536391	GSM1536391_zld.NC13.Rpa70.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM1536nnn/

6. Histone ChIP-seq from staged embryos (GSE58935)

- Accession Number: GEO: GSE58935
- Number of samples: 51
- Library: ChIP-seq
- Title: Establishment of regions of genomic activity during the Drosophila maternal to zygotic transition
- Reference: Li et al. (2014)

  Li, X.-Y., Harrison, M.M., Villalta, J.E., Kaplan, T., and Eisen, M.B. (2014). Establishment of regions of genomic activity during the Drosophila maternal to zygotic transition. eLife 3, 3.

- 6.1 Sample information

number	gsm	run	title	study
1	GSM1424888	SRR1505698	H4K5ac ChIP-seq at cycle 8	SRP044032
2	GSM1424889	SRR1505699	H4K5ac ChIP-seq cycle 12	SRP044032
3	GSM1424890	SRR1505700	H4K5ac ChIP-seq cycle 14a	SRP044032
4	GSM1424891	SRR1505701	H4K5ac ChIP-seq cycle 14c	SRP044032
5	GSM1424892	SRR1505702	H4K8ac ChIP-seq cycle 8	SRP044032
6	GSM1424893	SRR1505703	H4K8ac ChIP-seq cycle 12	SRP044032
7	GSM1424894	SRR1505704	H4K8ac ChIP-seq cycle 14a	SRP044032
8	GSM1424895	SRR1505705	H4K8ac ChIP-seq cycle 14c	SRP044032
9	GSM1424896	SRR1505706	H3K18ac ChIP-seq cycle 8	SRP044032
10	GSM1424897	SRR1505707	H3K18ac ChIP-seq cycle 12	SRP044032
11	GSM1424898	SRR1505708	H3K18ac ChIP-seq cycle 14a	SRP044032
12	GSM1424899	SRR1505709	H3K18ac ChIP-seq cycle 14c	SRP044032
13	GSM1424900	SRR1505711	H3K27ac ChIP-seq cycle 8	SRP044032
14	GSM1424900	SRR1505710	H3K27ac ChIP-seq cycle 8	SRP044032
15	GSM1424901	SRR1505712	H3K27ac ChIP-seq cycle 12	SRP044032
16	GSM1424902	SRR1505713	H3K27ac ChIP-seq cycle 14a	SRP044032
17	GSM1424903	SRR1505714	H3K27ac ChIP-seq cycle 14c	SRP044032
18	GSM1424904	SRR1505715	H3K4me1 ChIP-seq cycle 8	SRP044032
19	GSM1424905	SRR1505716	H3K4me1 ChIP-seq cycle 12	SRP044032
20	GSM1424906	SRR1505717	H3K4me1 ChIP-seq cycle 14a	SRP044032

number	gsm	run	title	study
21	GSM1424907	SRR1505718	H3K4me1 ChIP-seq cycle 14c	SRP044032
22	GSM1424908	SRR1505719	H3K4me3 ChIP-seq cycle 8	SRP044032
23	GSM1424909	SRR1505720	H3K4me3 ChIP-seq cycle 12	SRP044032
24	GSM1424910	SRR1505721	H3K4me3 ChIP-seq cycle 14a	SRP044032
25	GSM1424911	SRR1505722	H3K4me3 ChIP-seq cycle 14c	SRP044032
26	GSM1424912	SRR1505723	H3K9ac ChIP-seq cycle 8	SRP044032
27	GSM1424913	SRR1505724	H3K9ac ChIP-seq cycle 12	SRP044032
28	GSM1424914	SRR1505725	H3K9ac ChIP-seq cycle 14a	SRP044032
29	GSM1424915	SRR1505726	H3K9ac ChIP-seq cycle 14c	SRP044032
30	GSM1424916	SRR1505727	H3K27me3 ChIP-seq cycle 12	SRP044032
31	GSM1424917	SRR1505728	H3K27me3 ChIP-seq cycle 14a	SRP044032
32	GSM1424918	SRR1505729	H3K27me3 ChIP-seq cycle 14c	SRP044032
33	GSM1424919	SRR1505730	H3K36me3 ChIP-seq cycle 12	SRP044032
34	GSM1424920	SRR1505731	H3K36me3 ChIP-seq cycle 14a	SRP044032
35	GSM1424921	SRR1505732	H3K36me3 ChIP-seq cycle 14c	SRP044032
36	GSM1424922	SRR1505733	H3 ChIP-seq cycle 8	SRP044032
37	GSM1424923	SRR1505734	H3 ChIP-seq cycle 12	SRP044032
38	GSM1424924	SRR1505735	H3 ChIP-seq cycle 14a	SRP044032
39	GSM1424925	SRR1505736	H3 ChIP-seq cycle 14c	SRP044032
40	GSM1424926	SRR1505737	Input for cycle 8 ChIP-seq samples	SRP044032
41	GSM1424927	SRR1505738	Input for cycle 12 ChIP-seq samples	SRP044032
42	GSM1424928	SRR1505739	Input for cycle 14a ChIP-seq samples	SRP044032
43	GSM1424929	SRR1505740	Input for cycle 14c ChIP-seq samples	SRP044032
44	GSM1429650	SRR1508419	Zelda ChIP-seq in wt embryos	SRP044032
45	GSM1429651	SRR1508420	Zelda ChIP-seq in zelda mutant embryos	SRP044032
46	GSM1429652	SRR1508421	H3 ChIP-seq in wt embryos	SRP044032
47	GSM1429653	SRR1508422	H3 ChIP-seq in zelda mutant embryos	SRP044032
48	GSM1429654	SRR1508423	H3K4me1 ChIP-seq in wt embryos	SRP044032
49	GSM1429655	SRR1508424	H3K4me1 ChIP-seq in zelda mutant embryos	SRP044032
50	GSM1429656	SRR1508425	H3K18ac ChIP-seq in wt embryos	SRP044032
51	GSM1429657	SRR1508426	H3K18ac ChIP-seq in zelda mutant embryos	SRP044032

- 6.2 Supplementary files

number	GSM	file	url
1	GSM14248881	GSM1424888_Dmel-H4K5ac-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
2	GSM14248882	GSM1424888_Dmel-H4K5ac-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
3	GSM14248891	GSM1424889_Dmel-H4K5ac-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
4	GSM14248892	GSM1424889_Dmel-H4K5ac-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
5	GSM14248901	GSM1424890_Dmel-H4K5ac-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
6	GSM14248902	GSM1424890_Dmel-H4K5ac-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
7	GSM14248911	GSM1424891_Dmel-H4K5ac-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
8	GSM14248912	GSM1424891_Dmel-H4K5ac-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
9	GSM14248921	GSM1424892_Dmel-H4K8ac-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
10	GSM14248922	GSM1424892_Dmel-H4K8ac-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
11	GSM14248931	GSM1424893_Dmel-H4K8ac-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
12	GSM14248932	GSM1424893_Dmel-H4K8ac-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
13	GSM14248941	GSM1424894_Dmel-H4K8ac-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
14	GSM14248942	GSM1424894_Dmel-H4K8ac-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
15	GSM14248951	GSM1424895_Dmel-H4K8ac-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
16	GSM14248952	GSM1424895_Dmel-H4K8ac-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

number	GSM	file	url
17	GSM14248961	GSM1424896_Dmel-H3K18ac-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
18	GSM14248962	GSM1424896_Dmel-H3K18ac-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
19	GSM14248971	GSM1424897_Dmel-H3K18ac-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
20	GSM14248972	GSM1424897_Dmel-H3K18ac-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
21	GSM14248981	GSM1424898_Dmel-H3K18ac-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
22	GSM14248982	GSM1424898_Dmel-H3K18ac-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
23	GSM14248991	GSM1424899_Dmel-H3K18ac-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
24	GSM14248992	GSM1424899_Dmel-H3K18ac-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
25	GSM14249001	GSM1424900_Dmel-H3K27ac-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
26	GSM14249002	GSM1424900_Dmel-H3K27ac-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
27	GSM14249011	GSM1424901_Dmel-H3K27ac-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
28	GSM14249012	GSM1424901_Dmel-H3K27ac-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
29	GSM14249021	GSM1424902_Dmel-H3K27ac-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
30	GSM14249022	GSM1424902_Dmel-H3K27ac-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
31	GSM14249031	GSM1424903_Dmel-H3K27ac-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
32	GSM14249032	GSM1424903_Dmel-H3K27ac-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
33	GSM14249041	GSM1424904_Dmel-H3K4me1-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
34	GSM14249042	GSM1424904_Dmel-H3K4me1-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
35	GSM14249051	GSM1424905_Dmel-H3K4me1-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
36	GSM14249052	GSM1424905_Dmel-H3K4me1-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
37	GSM14249061	GSM1424906_Dmel-H3K4me1-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
38	GSM14249062	GSM1424906_Dmel-H3K4me1-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
39	GSM14249071	GSM1424907_Dmel-H3K4me1-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
40	GSM14249072	GSM1424907_Dmel-H3K4me1-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
41	GSM14249081	GSM1424908_Dmel-H3K4me3-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
42	GSM14249082	GSM1424908_Dmel-H3K4me3-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
43	GSM14249091	GSM1424909_Dmel-H3K4me3-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
44	GSM14249092	GSM1424909_Dmel-H3K4me3-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
45	GSM14249101	GSM1424910_Dmel-H3K4me3-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
46	GSM14249102	GSM1424910_Dmel-H3K4me3-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
47	GSM14249111	GSM1424911_Dmel-H3K4me3-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
48	GSM14249112	GSM1424911_Dmel-H3K4me3-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
49	GSM14249121	GSM1424912_Dmel-H3K9ac-c8-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
50	GSM14249122	GSM1424912_Dmel-H3K9ac-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
51	GSM14249131	GSM1424913_Dmel-H3K9ac-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
52	GSM14249132	GSM1424913_Dmel-H3K9ac-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
53	GSM14249141	GSM1424914_Dmel-H3K9ac-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
54	GSM14249142	GSM1424914_Dmel-H3K9ac-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
55	GSM14249151	GSM1424915_Dmel-H3K9ac-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
56	GSM14249152	GSM1424915_Dmel-H3K9ac-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
57	GSM14249161	GSM1424916_Dmel-H3K27me3-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
58	GSM14249162	GSM1424916_Dmel-H3K27me3-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
59	GSM14249171	GSM1424917_Dmel-H3K27me3-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
60	GSM14249172	GSM1424917_Dmel-H3K27me3-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
61	GSM14249181	GSM1424918_Dmel-H3K27me3-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
62	GSM14249182	GSM1424918_Dmel-H3K27me3-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
63	GSM14249191	GSM1424919_Dmel-H3K36me3-c12-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
64	GSM14249192	GSM1424919_Dmel-H3K36me3-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
65	GSM14249201	GSM1424920_Dmel-H3K36me3-c14a-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
66	GSM14249202	GSM1424920_Dmel-H3K36me3-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
67	GSM14249211	GSM1424921_Dmel-H3K36me3-c14c-peaks.xls.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
68	GSM14249212	GSM1424921_Dmel-H3K36me3-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

number	GSM	file	url
69	GSM1424922	GSM1424922_Dmel-H3-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
70	GSM1424923	GSM1424923_Dmel-H3-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
71	GSM1424924	GSM1424924_Dmel-H3-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
72	GSM1424925	GSM1424925_Dmel-H3-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
73	GSM1424926	GSM1424926_Dmel-input-c8.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
74	GSM1424927	GSM1424927_Dmel-input-c12.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
75	GSM1424928	GSM1424928_Dmel-input-c14a.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
76	GSM1424929	GSM1424929_Dmel-input-c14c.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
77	GSM1429650	GSM1429650_Dmel-wt-ZLD.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
78	GSM1429651	GSM1429651_Dmel-ZLDm-ZLD.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
79	GSM1429652	GSM1429652_Dmel-wt-H3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
80	GSM1429653	GSM1429653_Dmel-ZLDm-H3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
81	GSM1429654	GSM1429654_Dmel-wt-H3K4me1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
82	GSM1429655	GSM1429655_Dmel-ZLDm-H3K4me1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
83	GSM1429656	GSM1429656_Dmel-wt-H3K18ac.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
84	GSM1429657	GSM1429657_Dmel-ZLDm-H3K18ac.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

7. Zld ChIP-seq from 2-3hpf embryos (GSE65441)

- Accession Number: GEO: GSE65441
- Number of samples: 32
- Library: ChIP-seq
- Title: Zelda overcomes the high intrinsic nucleosome barrier at enhancers during Drosophila zygotic genome activation
- Reference: Sun et al. (2015)

  Sun, Y., Nien, C.-Y., Chen, K., Liu, H.-Y., Johnston, J., Zeitlinger, J., and Rushlow, C. (2015). Zelda overcomes the high intrinsic nucleosome barrier at enhancers during Drosophila zygotic genome activation. Genome Res. 25, 1703–1714.

- 7.1 Sample information

number	gsm	run	title	study
1	GSM1596215	SRR1779547	2-3h wt Zld ChIP-seq rep1	SRP052975
2	GSM1596216	SRR1779548	2-3h wt Zld ChIP-seq rep1 input	SRP052975
3	GSM1596217	SRR1779549	2-3h gd7 Zld ChIP-seq rep1	SRP052975
4	GSM1596218	SRR1779550	2-3h gd7 Zld ChIP-seq rep1 input	SRP052975
5	GSM1596219	SRR1779551	2-3h wt Zld ChIP-seq rep2	SRP052975
6	GSM1596220	SRR1779552	2-3h wt Zld ChIP-seq rep2 input	SRP052975
7	GSM1596221	SRR1779553	2-3h gd7 Zld ChIP-seq rep2	SRP052975
8	GSM1596222	SRR1779554	2-3h gd7 Zld ChIP-seq rep2 input	SRP052975
9	GSM1596223	SRR1779555	2-3h wt Dl ChIP-seq rep1	SRP052975
10	GSM1596224	SRR1779556	2-3h wt Dl ChIP-seq rep1 input	SRP052975
11	GSM1596225	SRR1779557	2-3h zld- Dl ChIP-seq rep1	SRP052975
12	GSM1596226	SRR1779558	2-3h zld- Dl ChIP-seq rep1 input	SRP052975
13	GSM1596227	SRR1779559	2-3h wt Dl ChIP-seq rep2	SRP052975
14	GSM1596228	SRR1779560	2-3h wt Dl ChIP-seq rep2 input	SRP052975

number	gsm	run	title	study
15	GSM1596229	SRR1779561	2-3h zld- Dl ChIP-seq rep2	SRP052975
16	GSM1596230	SRR1779562	2-3h zld- Dl ChIP-seq rep2 input	SRP052975
17	GSM1596231	SRR1779563	2-3h wt Pol II ChIP-seq rep1	SRP052975
18	GSM1596232	SRR1779564	2-3h wt Pol II ChIP-seq rep1 input	SRP052975
19	GSM1596233	SRR1779565	2-3h zld- Pol II ChIP-seq rep1	SRP052975
20	GSM1596234	SRR1779566	2-3h zld- Pol II ChIP-seq rep1 input	SRP052975
21	GSM1596235	SRR1779567	2-3h wt Pol II ChIP-seq rep2	SRP052975
22	GSM1596236	SRR1779568	2-3h wt Pol II ChIP-seq rep2 input	SRP052975
23	GSM1596237	SRR1779569	2-3h zld- Pol II ChIP-seq rep2	SRP052975
24	GSM1596238	SRR1779570	2-3h zld- Pol II ChIP-seq rep2 input	SRP052975
25	GSM1596239	SRR1779571	2-3h wt MNase-seq rep1	SRP052975
26	GSM1596240	SRR1779572	2-3h zld- MNase-seq rep1	SRP052975
27	GSM1596241	SRR1779573	2-3h wt MNase-seq rep2	SRP052975
28	GSM1596242	SRR1779574	2-3h zld- MNase-seq rep2	SRP052975
29	GSM1596243	SRR1779575	2-4h wt MNase-seq rep1	SRP052975
30	GSM1596244	SRR1779576	2-4h gd7 MNase-seq rep1	SRP052975
31	GSM1596245	SRR1779577	2-4h wt MNase-seq rep2	SRP052975
32	GSM1596246	SRR1779578	2-4h gd7 MNase-seq rep2	SRP052975

- 7.2 Supplementary files

number	GSM	file	url
1	GSM1596231	GSM1596231_2-3h_wt_Pol_II_ChIP-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
2	GSM1596232	GSM1596232_2-3h_wt_Pol_II_ChIP-seq_rep1_input.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
3	GSM1596233	GSM1596233_2-3h_zld-_Pol_II_ChIP-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
4	GSM1596234	GSM1596234_2-3h_zld-_Pol_II_ChIP-seq_rep1_input.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
5	GSM1596235	GSM1596235_2-3h_wt_Pol_II_ChIP-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
6	GSM1596236	GSM1596236_2-3h_wt_Pol_II_ChIP-seq_rep2_input.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
7	GSM1596237	GSM1596237_2-3h_zld-_Pol_II_ChIP-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
8	GSM1596238	GSM1596238_2-3h_zld-_Pol_II_ChIP-seq_rep2_input.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
9	GSM1596239	GSM1596239_2-3h_wt_MNase-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
10	GSM1596240	GSM1596240_2-3h_zld-_MNase-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
11	GSM1596241	GSM1596241_2-3h_wt_MNase-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
12	GSM1596242	GSM1596242_2-3h_zld-_MNase-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
13	GSM1596243	GSM1596243_2-4h_wt_MNase-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
14	GSM1596244	GSM1596244_2-4h_gd7_MNase-seq_rep1.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
15	GSM1596245	GSM1596245_2-4h_wt_MNase-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san
16	GSM1596246	GSM1596246_2-4h_gd7_MNase-seq_rep2.bw	ftp://ftp.ncbi.nlm.nih.gov/geo/san

8. Zld ChIP-seq from staged embryos (GSE30757)

- Accession Number: GEO: GSE30757
- Number of samples: 3
- Library: ChIP-seq
- Title: Zelda binding in the early Drosophila melanogaster embryo marks regions subsequently activated at the maternal-to-zygotic transition
- Reference: Harrison et al. (2011)

Harrison, M.M., Li, X.-Y., Kaplan, T., Botchan, M.R., and Eisen, M.B. (2011). Zelda binding in the early Drosophila melanogaster embryo marks regions subsequently activated at the maternal-to-zygotic transition. PLoS Genet. 7, e1002266.

- 8.1 Sample information

number	gsm	run	title	study
1	GSM763060	SRR314829	ZLD cycle 8	SRP007513
2	GSM763061	SRR314830	ZLD cycle 13	SRP007513
3	GSM763062	SRR314831	ZLD cycle 14	SRP007513

- 8.2 Supplementary files

number	GSM	file	url
1	1	GSM763060_ZLD.1hr.peaks.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
2	2	GSM763060_ZLD.1hr.raw.bedgraph.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
3	3	GSM763060_s_6_sequence.dm3.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
4	4	GSM763061_ZLD.2hr.peaks.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
5	5	GSM763061_ZLD.2hr.raw.bedgraph.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
6	6	GSM763061_s_7_sequence.dm3.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
7	7	GSM763062_ZLD.3hr.peaks.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
8	8	GSM763062_ZLD.3hr.raw.bedgraph.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630
9	9	GSM763062_s_8_sequence.dm3.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM763nnn/GSM7630

9. ATAC-seq from staged embryos (GSE83851)

- Accession Number: GEO: GSE83851
- Number of samples: 81
- Library: ATAC-seq
- Title: Establishment and maintenance of heritable chromatin structure during early Drosophila embryogenesis
- Reference: Blythe and Wieschaus (2016)

Blythe, S.A., and Wieschaus, E.F. (2016). Establishment and maintenance of heritable chromatin structure during early Drosophila embryogenesis. eLife 5, 5.

- 9.1 Sample information

number	gsm	run	title	study
1	GSM2219678	SRR3727933	WT_15121502_NC11_03_rep1	SRP077569
2	GSM2219679	SRR3727934	WT_15121602_NC11_03_rep2	SRP077569
3	GSM2219680	SRR3727935	WT_15121802_NC11_03_rep3	SRP077569
4	GSM2219681	SRR3727936	WT_15121504_NC11_06_rep1	SRP077569
5	GSM2219682	SRR3727937	WT_15121603_NC11_06_rep2	SRP077569

number	gsm	run	title	study
6	GSM2219683	SRR3727938	WT_15121801_NC11_06_rep3	SRP077569
7	GSM2219684	SRR3727939	WT_15121503_NC11_09_rep1	SRP077569
8	GSM2219685	SRR3727940	WT_15121604_NC11_09_rep2	SRP077569
9	GSM2219686	SRR3727941	WT_15121804_NC11_09_rep3	SRP077569
10	GSM2219687	SRR3727942	WT_15042106_NC12_03_rep1	SRP077569
11	GSM2219688	SRR3727943	WT_15042202_NC12_03_rep2	SRP077569
12	GSM2219689	SRR3727944	WT_15042302_NC12_03_rep3	SRP077569
13	GSM2219690	SRR3727945	WT_15042102_NC12_06_rep1	SRP077569
14	GSM2219691	SRR3727946	WT_15042401_NC12_06_rep2	SRP077569
15	GSM2219692	SRR3727947	WT_15042405_NC12_06_rep3	SRP077569
16	GSM2219693	SRR3727948	WT_15042107_NC12_09_rep1	SRP077569
17	GSM2219694	SRR3727949	WT_15042303_NC12_09_rep2	SRP077569
18	GSM2219695	SRR3727950	WT_15042701_NC12_09_rep3	SRP077569
19	GSM2219696	SRR3727951	WT_15042104_NC12_12_rep1	SRP077569
20	GSM2219697	SRR3727952	WT_15042304_NC12_12_rep2	SRP077569
21	GSM2219698	SRR3727953	WT_15042702_NC12_12_rep3	SRP077569
22	GSM2219699	SRR3727954	WT_15042803_NC12_12_rep4	SRP077569
23	GSM2219700	SRR3727955	WT_15042205_NC13_03_rep1	SRP077569
24	GSM2219701	SRR3727956	WT_15042306_NC13_03_rep2	SRP077569
25	GSM2219702	SRR3727957	WT_15042804_NC13_03_rep3	SRP077569
26	GSM2219703	SRR3727958	WT_15042103_NC13_06_rep1	SRP077569
27	GSM2219704	SRR3727959	WT_15042206_NC13_06_rep2	SRP077569
28	GSM2219705	SRR3727960	WT_15042704_NC13_06_rep3	SRP077569
29	GSM2219706	SRR3727961	WT_15042307_NC13_09_rep1	SRP077569
30	GSM2219707	SRR3727962	WT_15042308_NC13_09_rep2	SRP077569
31	GSM2219708	SRR3727963	WT_15042805_NC13_09_rep3	SRP077569
32	GSM2219709	SRR3727964	WT_15042204_NC13_12_rep1	SRP077569
33	GSM2219710	SRR3727965	WT_15042305_NC13_12_rep2	SRP077569
34	GSM2219711	SRR3727966	WT_15042902_NC13_12_rep3	SRP077569
35	GSM2219712	SRR3727967	WT_15042105_NC13_15_rep1	SRP077569
36	GSM2219713	SRR3727968	WT_15042403_NC13_15_rep2	SRP077569
37	GSM2219714	SRR3727969	WT_15042806_NC13_15_rep3	SRP077569
38	GSM2219715	SRR3727970	WT_15042201_NC13_18_rep1	SRP077569
39	GSM2219716	SRR3727971	WT_15042404_NC13_18_rep2	SRP077569
40	GSM2219717	SRR3727972	WT_15042802_NC13_18_rep3	SRP077569
41	GSM2219718	SRR3727973	ssm_15082101_NC12_03_rep1	SRP077569
42	GSM2219719	SRR3727974	ssm_15082102_NC12_03_rep2	SRP077569
43	GSM2219720	SRR3727975	ssm_15082601_NC12_03_rep3	SRP077569
44	GSM2219721	SRR3727976	ssm_15081703_NC12_06_rep1	SRP077569
45	GSM2219722	SRR3727977	ssm_15082104_NC12_06_rep2	SRP077569
46	GSM2219723	SRR3727978	ssm_15082501_NC12_06_rep3	SRP077569
47	GSM2219724	SRR3727979	ssm_15081401_NC12_09_rep1	SRP077569
48	GSM2219725	SRR3727980	ssm_15081403_NC12_09_rep2	SRP077569
49	GSM2219726	SRR3727981	ssm_15082502_NC12_09_rep3	SRP077569
50	GSM2219727	SRR3727982	ssm_15081701_NC13_03_rep1	SRP077569
51	GSM2219728	SRR3727983	ssm_15081704_NC13_03_rep2	SRP077569
52	GSM2219729	SRR3727984	ssm_15082603_NC13_03_rep3	SRP077569
53	GSM2219730	SRR3727985	ssm_15081402_NC13_06_rep1	SRP077569
54	GSM2219731	SRR3727986	ssm_15082503_NC13_06_rep2	SRP077569
55	GSM2219732	SRR3727987	ssm_15082602_NC13_06_rep3	SRP077569
56	GSM2219733	SRR3727988	ssm_15081301_NC13_09_rep1	SRP077569
57	GSM2219734	SRR3727989	ssm_15081302_NC13_09_rep2	SRP077569

number	gsm	run	title	study
58	GSM2219735	SRR3727990	ssm_15081303_NC13_09_rep3	SRP077569
59	GSM2219736	SRR3727991	ssm_15082203_NC13_12_rep1	SRP077569
60	GSM2219737	SRR3727992	ssm_15082504_NC13_12_rep2	SRP077569
61	GSM2219738	SRR3727993	ssm_15082604_NC13_12_rep3	SRP077569
62	GSM2219739	SRR3727994	ssm_15120804_NC14_03_rep1	SRP077569
63	GSM2219740	SRR3727995	ssm_15120901_NC14_03_rep2	SRP077569
64	GSM2219741	SRR3727996	ssm_15120907_NC14_03_rep3	SRP077569
65	GSM2219742	SRR3727997	ssm_15121003_NC14_03_rep4	SRP077569
66	GSM2219743	SRR3727998	ssm_15120801_NC14_06_rep1	SRP077569
67	GSM2219744	SRR3727999	ssm_15120905_NC14_06_rep2	SRP077569
68	GSM2219745	SRR3728000	ssm_15121004_NC14_06_rep3	SRP077569
69	GSM2219746	SRR3728001	ssm_15120803_NC14_09_rep1	SRP077569
70	GSM2219747	SRR3728002	ssm_15120902_NC14_09_rep2	SRP077569
71	GSM2219748	SRR3728003	ssm_15120908_NC14_09_rep3	SRP077569
72	GSM2219749	SRR3728004	ssm_15121005_NC14_09_rep4	SRP077569
73	GSM2219750	SRR3728005	ssm_15120802_NC14_12_rep1	SRP077569
74	GSM2219751	SRR3728006	ssm_15120903_NC14_12_rep2	SRP077569
75	GSM2219752	SRR3728007	ssm_15121001_NC14_12_rep3	SRP077569
76	GSM2219753	SRR3728008	ssm_15120805_NC14_15_rep1	SRP077569
77	GSM2219754	SRR3728009	ssm_15120906_NC14_15_rep2	SRP077569
78	GSM2219755	SRR3728010	ssm_15121006_NC14_15_rep3	SRP077569
79	GSM2219756	SRR3728011	ssm_15120806_NC14_18_rep1	SRP077569
80	GSM2219757	SRR3728012	ssm_15120904_NC14_18_rep2	SRP077569
81	GSM2219758	SRR3728013	ssm_15121002_NC14_18_rep3	SRP077569

- 9.2 Supplementary files

number	GSM	file	url
1	GSM22196781	GSM2219678_WT_NC11_03_open.wig.gz	ftp://ftp.ncbi.n
2	GSM22196782	GSM2219678_wt_NC11.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
3	GSM22196783	GSM2219678_wt_NC11.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
4	GSM22196811	GSM2219681_WT_NC11_06_open.wig.gz	ftp://ftp.ncbi.n
5	GSM22196812	GSM2219681_wt_NC11.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
6	GSM22196813	GSM2219681_wt_NC11.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
7	GSM22196841	GSM2219684_WT_NC11_09_open.wig.gz	ftp://ftp.ncbi.n
8	GSM22196842	GSM2219684_wt_NC11.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
9	GSM22196843	GSM2219684_wt_NC11.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
10	GSM22196871	GSM2219687_WT_NC12_03_open.wig.gz	ftp://ftp.ncbi.n
11	GSM22196872	GSM2219687_wt_NC12.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
12	GSM22196873	GSM2219687_wt_NC12.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
13	GSM22196901	GSM2219690_WT_NC12_06_open.wig.gz	ftp://ftp.ncbi.n
14	GSM22196902	GSM2219690_wt_NC12.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
15	GSM22196903	GSM2219690_wt_NC12.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
16	GSM22196931	GSM2219693_WT_NC12_09_open.wig.gz	ftp://ftp.ncbi.n
17	GSM22196932	GSM2219693_wt_NC12.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
18	GSM22196933	GSM2219693_wt_NC12.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
19	GSM22196961	GSM2219696_WT_NC12_12_open.wig.gz	ftp://ftp.ncbi.n
20	GSM22196962	GSM2219696_wt_NC12.12_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
21	GSM22196963	GSM2219696_wt_NC12.12_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
22	GSM22197001	GSM2219700_WT_NC13_03_open.wig.gz	ftp://ftp.ncbi.n
23	GSM22197002	GSM2219700_wt_NC13.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n

number	GSM	file	url
24	GSM22197003	GSM2219700_wt_NC13.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
25	GSM22197031	GSM2219703_WT_NC13_06_open.wig.gz	ftp://ftp.ncbi.n
26	GSM22197032	GSM2219703_wt_NC13.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
27	GSM22197033	GSM2219703_wt_NC13.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
28	GSM22197061	GSM2219706_WT_NC13_09_open.wig.gz	ftp://ftp.ncbi.n
29	GSM22197062	GSM2219706_wt_NC13.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
30	GSM22197063	GSM2219706_wt_NC13.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
31	GSM22197091	GSM2219709_WT_NC13_12_open.wig.gz	ftp://ftp.ncbi.n
32	GSM22197092	GSM2219709_wt_NC13.12_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
33	GSM22197093	GSM2219709_wt_NC13.12_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
34	GSM22197121	GSM2219712_WT_NC13_15_open.wig.gz	ftp://ftp.ncbi.n
35	GSM22197122	GSM2219712_wt_NC13.15_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
36	GSM22197123	GSM2219712_wt_NC13.15_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
37	GSM22197151	GSM2219715_WT_NC13_18_open.wig.gz	ftp://ftp.ncbi.n
38	GSM22197152	GSM2219715_wt_NC13.18_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
39	GSM22197153	GSM2219715_wt_NC13.18_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
40	GSM22197181	GSM2219718_ssm_NC12.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
41	GSM22197182	GSM2219718_ssm_NC12.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
42	GSM22197183	GSM2219718_ssm_NC12_03_open.wig.gz	ftp://ftp.ncbi.n
43	GSM22197211	GSM2219721_ssm_NC12.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
44	GSM22197212	GSM2219721_ssm_NC12.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
45	GSM22197213	GSM2219721_ssm_NC12_06_open.wig.gz	ftp://ftp.ncbi.n
46	GSM22197241	GSM2219724_ssm_NC12.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
47	GSM22197242	GSM2219724_ssm_NC12.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
48	GSM22197243	GSM2219724_ssm_NC12_09_open.wig.gz	ftp://ftp.ncbi.n
49	GSM22197271	GSM2219727_ssm_NC13.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
50	GSM22197272	GSM2219727_ssm_NC13.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
51	GSM22197273	GSM2219727_ssm_NC13_03_open.wig.gz	ftp://ftp.ncbi.n
52	GSM22197301	GSM2219730_ssm_NC13.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
53	GSM22197302	GSM2219730_ssm_NC13.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
54	GSM22197303	GSM2219730_ssm_NC13_06_open.wig.gz	ftp://ftp.ncbi.n
55	GSM22197331	GSM2219733_ssm_NC13.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
56	GSM22197332	GSM2219733_ssm_NC13.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
57	GSM22197333	GSM2219733_ssm_NC13_09_open.wig.gz	ftp://ftp.ncbi.n
58	GSM22197361	GSM2219736_ssm_NC13.12_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
59	GSM22197362	GSM2219736_ssm_NC13.12_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
60	GSM22197363	GSM2219736_ssm_NC13_12_open.wig.gz	ftp://ftp.ncbi.n
61	GSM22197391	GSM2219739_ssm_NC14.03_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
62	GSM22197392	GSM2219739_ssm_NC14.03_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
63	GSM22197393	GSM2219739_ssm_NC14_03_open.wig.gz	ftp://ftp.ncbi.n
64	GSM22197431	GSM2219743_ssm_NC14.06_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
65	GSM22197432	GSM2219743_ssm_NC14.06_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
66	GSM22197433	GSM2219743_ssm_NC14_06_open.wig.gz	ftp://ftp.ncbi.n
67	GSM22197461	GSM2219746_ssm_NC14.09_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
68	GSM22197462	GSM2219746_ssm_NC14.09_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
69	GSM22197463	GSM2219746_ssm_NC14_09_open.wig.gz	ftp://ftp.ncbi.n
70	GSM22197501	GSM2219750_ssm_NC14.12_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
71	GSM22197502	GSM2219750_ssm_NC14.12_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
72	GSM22197503	GSM2219750_ssm_NC14_12_open.wig.gz	ftp://ftp.ncbi.n
73	GSM22197531	GSM2219753_ssm_NC14.15_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
74	GSM22197532	GSM2219753_ssm_NC14.15_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
75	GSM22197533	GSM2219753_ssm_NC14_15_open.wig.gz	ftp://ftp.ncbi.n

number	GSM	file	url
76	GSM22197561	GSM2219756_ssm_NC14.18_all.peaks.nucleoatac_signal.smooth.bedgraph.gz	ftp://ftp.ncbi.n
77	GSM22197562	GSM2219756_ssm_NC14.18_all.peaks.nucmap_combined.bed.gz	ftp://ftp.ncbi.n
78	GSM22197563	GSM2219756_ssm_NC14_18_open.wig.gz	ftp://ftp.ncbi.n

10. BEAF ChIP-seq from Kc cells (GSE62904)

- Accession Number: GEO: GSE62904
- Number of samples: 61
- Library: ChIP-seq
- Title: Widespread rearrangement of 3D chromatin organization underlies polycomb-mediated stress-induced silencing
- Reference: Li et al. (2015)

  Li, L., Lyu, X., Hou, C., Takenaka, N., Nguyen, H.Q., Ong, C.-T., Cuben~ as Potts, C., Hu, M., Lei, E.P., Bosco, G., et al. (2015). Widespread rearrangement of 3D chromatin organization underlies polycomb-mediated stress-induced silencing. Mol. Cell 58, 216–231.

- 10.1 Sample information

number	gsm	run	title	study
1	GSM1535962	SRR1636748	BEAF_HS_Rep1	SRP049442
2	GSM1535963	SRR1636749	BEAF_NT_Rep2	SRP049442
3	GSM1535964	SRR1636750	CapH2_HS_Rep1	SRP049442
4	GSM1535965	SRR1636751	CapH2_HS_Rep2	SRP049442
5	GSM1535966	SRR1636752	CapH2_NT_Rep1	SRP049442
6	GSM1535967	SRR1636753	CapH2_NT_Rep2	SRP049442
7	GSM1535968	SRR1636754	CBP_HS_Rep1	SRP049442
8	GSM1535969	SRR1636755	CBP_HS_Rep2	SRP049442
9	GSM1535970	SRR1636756	CBP_NT_Rep1	SRP049442
10	GSM1535971	SRR1636757	CBP_NT_Rep2	SRP049442
11	GSM1535972	SRR1636758	CBP_NT_Rep3	SRP049442
12	GSM1535973	SRR1636759	Chromator_HS_Rep1	SRP049442
13	GSM1535974	SRR1636760	Chromator_HS_Rep2	SRP049442
14	GSM1535975	SRR1636761	Chromator_NT_Rep1	SRP049442
15	GSM1535976	SRR1636762	Chromator_NT_Rep2	SRP049442
16	GSM1535977	SRR1636763	CP190_HS_Rep1	SRP049442
17	GSM1535978	SRR1636764	CP190_HS_Rep2	SRP049442
18	GSM1535979	SRR1636765	CP190_HS_Rep3	SRP049442
19	GSM1535980	SRR1636766	CP190_NT_Rep2	SRP049442
20	GSM1535981	SRR1636767	CTCF_HS_Rep1	SRP049442
21	GSM1535982	SRR1636768	CTCF_HS_Rep2	SRP049442
22	GSM1535983	SRR1636769	CTCF_NT_Rep2	SRP049442
23	GSM1535984	SRR1636770	DREF_HS_Rep1	SRP049442
24	GSM1535985	SRR1636771	DREF_NT_Rep2	SRP049442
25	GSM1535986	SRR1636772	Fs1h-L_HS_Rep1	SRP049442
26	GSM1535987	SRR1636773	Fs1h-L_NT_Rep1	SRP049442
27	GSM1535988	SRR1636774	Fs1h-L_NT_Rep2	SRP049442

number	gsm	run	title	study
28	GSM1535989	SRR1636775	H3K4me1_HS_Rep1	SRP049442
29	GSM1535990	SRR1636776	H3K4me1_HS_Rep2	SRP049442
30	GSM1535991	SRR1636777	H3K4me1_NT_Rep2	SRP049442
31	GSM1535992	SRR1636778	H3K4me3_HS_Rep1	SRP049442
32	GSM1535993	SRR1636779	H3K4me3_HS_Rep2	SRP049442
33	GSM1535994	SRR1636780	H3K4me3_NT_Rep2	SRP049442
34	GSM1535995	SRR1636781	H3K9me2_HS_Rep1	SRP049442
35	GSM1535996	SRR1636782	H3K9me2_NT_Rep1	SRP049442
36	GSM1535997	SRR1636783	H3K27ac_HS_Rep1	SRP049442
37	GSM1535998	SRR1636784	IgG_input_HS_Rep1	SRP049442
38	GSM1535999	SRR1636785	IgG_input_NT_Rep1	SRP049442
39	GSM1536000	SRR1636786	IgG_input_NT_Rep2	SRP049442
40	GSM1536001	SRR1636787	L3mbt_HS_Rep1	SRP049442
41	GSM1536002	SRR1636788	L3mbt_NT_Rep1	SRP049442
42	GSM1536003	SRR1636789	Modmdg4_HS_Rep1	SRP049442
43	GSM1536004	SRR1636790	Modmdg4_HS_Rep2	SRP049442
44	GSM1536005	SRR1636791	Pc_RJ_HS_Rep1	SRP049442
45	GSM1536006	SRR1636792	Pc_RJ_NT_Rep1	SRP049442
46	GSM1536007	SRR1636793	Pc_VP_NT_Rep1	SRP049442
47	GSM1536008	SRR1636794	Rad21_HS_Rep1	SRP049442
48	GSM1536009	SRR1636795	Rad21_NT_Rep1	SRP049442
49	GSM1536010	SRR1636796	Rad21_NT_Rep2	SRP049442
50	GSM1536011	SRR1636797	Rad21_NT_Rep3	SRP049442
51	GSM1536012	SRR1636798	RNAPII_flavopiridol_Rep1	SRP049442
52	GSM1536013	SRR1636799	RNAPII_HS_Rep1	SRP049442
53	GSM1536014	SRR1636800	RNAPII_NT_Rep1	SRP049442
54	GSM1536015	SRR1636801	RNAPII_triptolide_Rep1	SRP049442
55	GSM1536016	SRR1636802	SuHw_HS_Rep1	SRP049442
56	GSM1536017	SRR1636803	TFIIIC_HS_Rep1	SRP049442
57	GSM1536018	SRR1636804	TFIIIC_HS_Rep2	SRP049442
58	GSM1536019	SRR1636805	TFIIIC_NT_Rep1	SRP049442
59	GSM1536020	SRR1636806	TFIIIC_NT_Rep2	SRP049442
60	GSM1536021	SRR1636807	Z4_HS_Rep1	SRP049442
61	GSM1536022	SRR1636808	Z4_NT_Rep1	SRP049442

- 10.2 Supplementary files

number	GSM	file	url
1	GSM1535962	GSM1535962_BEAF_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
2	GSM1535963	GSM1535963_BEAF_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
3	GSM1535964	GSM1535964_CapH2_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
4	GSM1535965	GSM1535965_CapH2_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
5	GSM1535966	GSM1535966_CapH2_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
6	GSM1535967	GSM1535967_CapH2_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
7	GSM1535968	GSM1535968_CBP_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
8	GSM1535969	GSM1535969_CBP_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
9	GSM1535970	GSM1535970_CBP_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
10	GSM1535971	GSM1535971_CBP_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
11	GSM1535972	GSM1535972_CBP_NT_Rep3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
12	GSM1535973	GSM1535973_Chromator_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
13	GSM1535974	GSM1535974_Chromator_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

number	GSM	file	url
14	GSM1535975	GSM1535975_Chromator_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
15	GSM1535976	GSM1535976_Chromator_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
16	GSM1535977	GSM1535977_CP190_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
17	GSM1535978	GSM1535978_CP190_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
18	GSM1535979	GSM1535979_CP190_HS_Rep3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
19	GSM1535980	GSM1535980_CP190_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
20	GSM1535981	GSM1535981_CTCF_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
21	GSM1535982	GSM1535982_CTCF_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
22	GSM1535983	GSM1535983_CTCF_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
23	GSM1535984	GSM1535984_DREF_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
24	GSM1535985	GSM1535985_DREF_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
25	GSM1535986	GSM1535986_Fs1h-L_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
26	GSM1535987	GSM1535987_Fs1h-L_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
27	GSM1535988	GSM1535988_Fs1h-L_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
28	GSM1535989	GSM1535989_H3K4me1_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
29	GSM1535990	GSM1535990_H3K4me1_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
30	GSM1535991	GSM1535991_H3K4me1_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
31	GSM1535992	GSM1535992_H3K4me3_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
32	GSM1535993	GSM1535993_H3K4me3_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
33	GSM1535994	GSM1535994_H3K4me3_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
34	GSM1535995	GSM1535995_H3K9me2_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
35	GSM1535996	GSM1535996_H3K9me2_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
36	GSM1535997	GSM1535997_H3K27ac_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
37	GSM1535998	GSM1535998_IgG_input_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
38	GSM1535999	GSM1535999_IgG_input_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
39	GSM1536000	GSM1536000_IgG_input_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
40	GSM1536001	GSM1536001_L3mbt_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
41	GSM1536002	GSM1536002_L3mbt_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
42	GSM1536003	GSM1536003_Modmdg4_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
43	GSM1536004	GSM1536004_Modmdg4_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
44	GSM1536005	GSM1536005_Pc_RJ_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
45	GSM1536006	GSM1536006_Pc_RJ_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
46	GSM1536007	GSM1536007_Pc_VP_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
47	GSM1536008	GSM1536008_Rad21_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
48	GSM1536009	GSM1536009_Rad21_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
49	GSM1536010	GSM1536010_Rad21_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
50	GSM1536011	GSM1536011_Rad21_NT_Rep3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
51	GSM1536012	GSM1536012_RNAPII_flavopiridol_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
52	GSM1536013	GSM1536013_RNAPII_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
53	GSM1536014	GSM1536014_RNAPII_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
54	GSM1536015	GSM1536015_RNAPII_triptolide_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
55	GSM1536016	GSM1536016_SuHw_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
56	GSM1536017	GSM1536017_TFIIIC_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
57	GSM1536018	GSM1536018_TFIIIC_HS_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
58	GSM1536019	GSM1536019_TFIIIC_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
59	GSM1536020	GSM1536020_TFIIIC_NT_Rep2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
60	GSM1536021	GSM1536021_Z4_HS_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
61	GSM1536022	GSM1536022_Z4_NT_Rep1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

11. CapH2 ChIP-seq from Kc cells (GSE54529)

- Accession Number: GEO: GSE54529
- Number of samples: 16
- Library: ChIP-seq
- Title: Insulator function and topological domain border strength scale with architectural protein occupancy
- Reference: Van Bortle et al. (2014)

  Van Bortle, K., Nichols, M.H., Li, L., Ong, C.-T., Takenaka, N., Qin, Z.S., and Corces, V.G. (2014). Insulator function and topological domain border strength scale with architectural protein occupancy. Genome Biol. 15, R82.

- 11.1 Sample information

number	gsm	run	title	study
1	GSM1318349	SRR1151097	dTFIIIC220 biological replicate 1	SRP036067
2	GSM1318350	SRR1151098	dTFIIIC220 biological replicate 2	SRP036067
3	GSM1318351	SRR1151099	dTFIIIC220 biological replicate 3	SRP036067
4	GSM1318352	SRR1151100	Cohesin (Rad21)	SRP036067
5	GSM1318353	SRR1151101	Condensin I (Barren) Interphase	SRP036067
6	GSM1318354	SRR1151102	Condensin I (Barren) Asynchronous	SRP036067
7	GSM1318355	SRR1151103	Condensin II (CAPH2) Interphase	SRP036067
8	GSM1318356	SRR1151104	Condensin I (CAPH2) Asynchronous	SRP036067
9	GSM1318357	SRR1151105	Chromator	SRP036067
10	GSM1318358	SRR1151106	GAF	SRP036067
11	GSM1318359	SRR1151107	CP190	SRP036067
12	GSM1363352	SRR1217606	dTFIIIC220, dCTCF RNAi	SRP036067
13	GSM1363353	SRR1217607	Cohesin (Rad21), dCTCF RNAi	SRP036067
14	GSM1363354	SRR1217608	Condensin II (CAPH2), dCTCF RNAi	SRP036067
15	GSM1363355	SRR1217609	CP190, dCTCF RNAi	SRP036067
16	GSM1363356	SRR1217610	Input, dCTCF RNAi	SRP036067

- 11.2 Supplementary files

number	GSM	file	url
1	GSM1318349	GSM1318349_dTFIIIC220_1.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
2	GSM1318350	GSM1318350_dTFIIIC220_2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
3	GSM1318351	GSM1318351_dTFIIIC220_3.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
4	GSM1318352	GSM1318352_Rad21.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
5	GSM1318353	GSM1318353_Barren_int.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
6	GSM1318354	GSM1318354_Barren.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
7	GSM1318355	GSM1318355_CAPH2_int.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
8	GSM1318356	GSM1318356_CAPH2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
9	GSM1318357	GSM1318357_Chromator.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
10	GSM1318358	GSM1318358_GAF.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
11	GSM1318359	GSM1318359_CP190.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

number	GSM	file	url
12	GSM1363352	GSM1363352_dTFIIIC220_dCTCF-RNAi.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
13	GSM1363353	GSM1363353_Rad21_dCTCF-RNAi.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
14	GSM1363354	GSM1363354_CAPH2_dCTCF-RNAi.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
15	GSM1363355	GSM1363355_CP190_dCTCF-RNAi.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM
16	GSM1363356	GSM1363356_Input_dCTCF-RNAi.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/GSM

12. CBP ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

13. Chromator ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

14. Barren ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

15. CP190 ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

16. CTCF ChIP-seq from Kc cells (GSE54529)

Details: see **section 11**

17. DREF ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

18. GAF ChIP-seq from Kc cells (GSE54529)

Details: see **section 11.**

19. IIC220 ChIP-seq from Kc cells (GSE54529)

Details: see **section 11.**

20. L3mbt ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

21. Modmdg4 ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

22. Rad21 ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

23. Su(Hw) ChIP-seq from Kc cells (GSE30740)

- Accession Number: GEO: GSE30740
- Number of samples: 14
- Library: ChIP-seq
- Title: Regulation of chromatin organization and inducible gene expression by a Drosophila insulator
- Reference: Wood et al. (2011)

  Wood, A.M., Van Bortle, K., Ramos, E., Takenaka, N., Rohrbaugh, M., Jones, B.C., Jones, K.C., and Corces, V.G. (2011). Regulation of chromatin organization and inducible gene expression by a Drosophila insulator. Mol. Cell 44, 29–38.

- 23.1 Sample information

number	gsm	run	title	study
1	GSM762836	SRR317176	CP190_20HE_0hrs_ChIPSeq	SRP007592
2	GSM762837	SRR317177	CP190_20HE_3hrs_ChIPSeq	SRP007592
3	GSM762838	SRR317178	CP190_20HE_48hrs_ChIPSeq	SRP007592
4	GSM762839	SRR317179	Su(Hw)_20HE_0hrs_ChIPSeq	SRP007592
5	GSM762840	SRR317180	Su(Hw)_20HE_3hrs_ChIPSeq	SRP007592
6	GSM762841	SRR317181	Su(Hw)_20HE_48hrs_ChIPSeq	SRP007592
7	GSM762842	SRR317182	dCTCF_20HE_0hrs_ChIPSeq	SRP007592
8	GSM762843	SRR317183	dCTCF_20HE_3hrs_ChIPSeq	SRP007592
9	GSM762844	SRR317184	dCTCF_20HE_48hrs_ChIPSeq	SRP007592
10	GSM762845	SRR317185	BEAF-32_20HE_0hrs_ChIPSeq	SRP007592
11	GSM762846	SRR317186	BEAF-32_20HE_3hrs_ChIPSeq	SRP007592
12	GSM762847	SRR317187	BEAF-32_20HE_48hrs_ChIPSeq	SRP007592
13	GSM762848	SRR317188	Input_20HE_0hrs_ChIPSeq	SRP007592
14	GSM762849	SRR317189	Input_20HE_0hrs_ChIPSeq2	SRP007592

- 23.2 Supplementary files

number	GSM	file	url
1	GSM7628361	GSM762836_CP190_20HE_0hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
2	GSM7628362	GSM762836_CP190_20HE_0hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
3	GSM7628371	GSM762837_CP190_20HE_3hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
4	GSM7628372	GSM762837_CP190_20HE_3hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
5	GSM7628381	GSM762838_CP190_20HE_48hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
6	GSM7628382	GSM762838_CP190_20HE_48hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
7	GSM7628391	GSM762839_Su_Hw_20HE_0hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
8	GSM7628392	GSM762839_Su_Hw_20HE_0hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
9	GSM7628401	GSM762840_Su_Hw_20HE_3hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
10	GSM7628402	GSM762840_Su_Hw_20HE_3hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/

number	GSM	file	url
11	GSM7628411	GSM762841_Su_Hw_20HE_48hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
12	GSM7628412	GSM762841_Su_Hw_20HE_48hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
13	GSM7628421	GSM762842_dCTCF_20HE_0hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
14	GSM7628422	GSM762842_dCTCF_20HE_0hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
15	GSM7628431	GSM762843_dCTCF_20HE_3hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
16	GSM7628432	GSM762843_dCTCF_20HE_3hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
17	GSM7628441	GSM762844_dCTCF_20HE_48hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
18	GSM7628442	GSM762844_dCTCF_20HE_48hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
19	GSM7628451	GSM762845_BEAF-32_20HE_0hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
20	GSM7628452	GSM762845_BEAF-32_20HE_0hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
21	GSM7628461	GSM762846_BEAF-32_20HE_3hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
22	GSM7628462	GSM762846_BEAF-32_20HE_3hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
23	GSM7628471	GSM762847_BEAF-32_20HE_48hrs_ChIPSeq.bed.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
24	GSM7628472	GSM762847_BEAF-32_20HE_48hrs_ChIPSeq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
25	GSM762848	GSM762848_Input_20HE_0hrs_ChIPseq.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/
26	GSM762849	GSM762849_Input_20HE_0hrs_ChIPseq2.wig.gz	ftp://ftp.ncbi.nlm.nih.gov/geo/samples/

24. TFIIIC ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

25. Z4 ChIP-seq from Kc cells (GSE62904)

Details: see **section 10.**

26. FlyBase RNA-seq profile

See flybase or modENCODE

url: http://flybase.org/static_pages/rna-seq/rna-seq_profile_search.html