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## The Polycomb complex PRC2 and its mark in life

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2240	Computational analysis of expression of human embryonic stem cell-associated signatures in tumors. <b>2011</b> , 4, 471	7
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2231	Application of CHIP-Seq and related techniques to the study of immune function. <b>2011</b> , 34, 830-42	51
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2229	Composition, recruitment and regulation of the PRC2 complex. <b>2011</b> , 2, 277-82	13
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2225	Epigenetic silencing of HIV-1 by the histone H3 lysine 27 methyltransferase enhancer of Zeste 2. <b>2011</b> , 85, 9078-89	193
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2223	Down-regulation of the tumor suppressor C-terminal Src kinase (Csk)-binding protein (Cbp)/PAG1 is mediated by epigenetic histone modifications via the mitogen-activated protein kinase (MAPK)/phosphatidylinositol 3-kinase (PI3K) pathway. <b>2011</b> , 286, 15698-706	25

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2220	An Ezh way to turn off Nanog. <b>2011</b> , 10, 2253-4	1
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2218	Histone modifiers in cancer: friends or foes?. <b>2011</b> , 2, 631-47	118
2217	That's amore: bone marrow cells compete for the heart in Chagas disease. <b>2011</b> , 10, 2251	
2216	Expanding the p53 toolkit: a new platform for rapid engineering of the p53 locus in vivo. <b>2011</b> , 10, 2249-50	
2215	An E3 ligase complex regulates SET-domain polycomb group protein activity in <i>Arabidopsis thaliana</i> . <b>2011</b> , 108, 8036-41	30
2214	Transcriptional regulation of <i>Arabidopsis</i> LEAFY COTYLEDON2 involves RLE, a cis-element that regulates trimethylation of histone H3 at lysine-27. <b>2011</b> , 23, 4065-78	91
2213	Targeting protein lysine methylation and demethylation in cancers. <b>2012</b> , 44, 70-9	42
2212	Pregnancy-induced noncoding RNA (PINC) associates with polycomb repressive complex 2 and regulates mammary epithelial differentiation. <b>2012</b> , 8, e1002840	39
2211	Polycomb-like 3 promotes polycomb repressive complex 2 binding to CpG islands and embryonic stem cell self-renewal. <b>2012</b> , 8, e1002576	72
2210	BIM promoter directly targeted by EBNA3C in polycomb-mediated repression by EBV. <b>2012</b> , 40, 7233-46	88
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2208	Transcriptional repression of Hox genes by <i>C. elegans</i> HP1/HPL and H1/HIS-24. <b>2012</b> , 8, e1002940	23
2207	An interspecies analysis reveals a key role for unmethylated CpG dinucleotides in vertebrate Polycomb complex recruitment. <b>2012</b> , 31, 317-29	147
2206	<i>Tetrahymena thermophila</i> JMJD3 homolog regulates H3K27 methylation and nuclear differentiation. <b>2012</b> , 11, 601-14	17
2205	UTX and UTY demonstrate histone demethylase-independent function in mouse embryonic development. <b>2012</b> , 8, e1002964	188

2204	A key role for EZH2 and associated genes in mouse and human adult T-cell acute leukemia. <b>2012</b> , 26, 651-6	204
2203	Diverse functions of ATP-dependent chromatin remodeling complexes in development and cancer. <b>2012</b> , 44, 54-69	73
2202	Molecular and functional characterization of broccoli EMBRYONIC FLOWER 2 genes. <b>2012</b> , 53, 1217-31	10
2201	Polycomb repressive complex 2 impedes intestinal cell terminal differentiation. <b>2012</b> , 125, 3454-63	37
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2199	Mature cardiomyocytes recall their progenitor experience via polycomb repressive complex 2. <b>2012</b> , 111, 162-4	4
2198	Hypermethylated in cancer 1 (HIC1) recruits polycomb repressive complex 2 (PRC2) to a subset of its target genes through interaction with human polycomb-like (hPCL) proteins. <b>2012</b> , 287, 10509-10524	35
2197	Myc regulates the transcription of the PRC2 gene to control the expression of developmental genes in embryonic stem cells. <b>2012</b> , 32, 840-51	74
2196	RYBP represses endogenous retroviruses and preimplantation- and germ line-specific genes in mouse embryonic stem cells. <b>2012</b> , 32, 1139-49	67
2195	Intergenic Polycomb target sites are dynamically marked by non-coding transcription during lineage commitment. <b>2012</b> , 9, 314-25	7
2194	EZH2 couples pancreatic regeneration to neoplastic progression. <b>2012</b> , 26, 439-44	84
2193	The activatory long non-coding RNA DBE-T reveals the epigenetic etiology of facioscapulohumeral muscular dystrophy. <b>2012</b> , 22, 1413-5	13
2192	Targeting the IGF-1R signaling and mechanisms for epigenetic gene silencing in human multiple myeloma. <b>2012</b> , 117, 166-77	4
2191	Transcriptional repression by the Msx1 homeoprotein is associated with global redistribution of the H3K27me3 repressive mark to the nuclear periphery. <b>2012</b> , 3, 155-61	10
2190	In vivo regulation of E2F1 by Polycomb group genes in Drosophila. <b>2012</b> , 2, 1651-60	13
2189	Vitamin D has wide regulatory effects on histone demethylase genes. <b>2012</b> , 11, 1081-9	91
2188	A core subunit of Polycomb repressive complex 1 is broadly conserved in function but not primary sequence. <b>2012</b> , 109, E1063-71	83
2187	The histone H3 Lys 27 demethylase JMJD3 regulates gene expression by impacting transcriptional elongation. <b>2012</b> , 26, 1364-75	116

2186	From Nucleic Acids Sequences to Molecular Medicine. <b>2012</b> ,	2
2185	Dynamic, sex-differential STAT5 and BCL6 binding to sex-biased, growth hormone-regulated genes in adult mouse liver. <b>2012</b> , 32, 880-96	100
2184	Polycomb group complexes mediate developmental transitions in plants. <b>2012</b> , 158, 35-43	77
2183	Epigenetic alterations in muscular disorders. <b>2012</b> , 2012, 256892	6
2182	ALDH1A1 is a novel EZH2 target gene in epithelial ovarian cancer identified by genome-wide approaches. <b>2012</b> , 5, 484-91	38
2181	Polycomb function during oogenesis is required for mouse embryonic development. <b>2012</b> , 26, 920-32	86
2180	The emerging role of Polycomb repressors in the response to DNA damage. <b>2012</b> , 125, 3939-48	56
2179	Recruitment and biological consequences of histone modification of H3K27me3 and H3K9me3. <b>2012</b> , 53, 232-9	54
2178	Let-7a inhibits proliferation and induces apoptosis by targeting EZH2 in nasopharyngeal carcinoma cells. <b>2012</b> , 28, 2101-6	27
2177	Inhibition of histone methylation arrests ongoing graft-versus-host disease in mice by selectively inducing apoptosis of alloreactive effector T cells. <b>2012</b> , 119, 1274-82	54
2176	Medulloblastomics: the end of the beginning. <b>2012</b> , 12, 818-34	443
2175	A cultured affair: HSV latency and reactivation in neurons. <b>2012</b> , 20, 604-11	106
2174	Dynamic regulation of Polycomb group activity during plant development. <b>2012</b> , 15, 523-9	70
2173	ASXL1 mutations promote myeloid transformation through loss of PRC2-mediated gene repression. <b>2012</b> , 22, 180-93	416
2172	Epigenetic drug discovery: targeting DNA methyltransferases. <b>2012</b> , 17, 2-17	121
2171	Development and validation of reagents and assays for EZH2 peptide and nucleosome high-throughput screens. <b>2012</b> , 17, 1279-92	49
2170	Cellular reprogramming processes in Drosophila and C. elegans. <b>2012</b> , 22, 475-84	5
2169	Molecular biology. EZH2 goes solo. <b>2012</b> , 338, 1430-1	17

2168	Global H3K27 trimethylation and EZH2 abundance in breast tumor subtypes. <b>2012</b> , 6, 494-506	114
2167	Selective inhibition of Ezh2 by a small molecule inhibitor blocks tumor cells proliferation. <b>2012</b> , 109, 21360-5	437
2166	Distinct modes of DNA accessibility in plant chromatin. <b>2012</b> , 3, 1281	40
2165	Epigenetics and cardiovascular development. <b>2012</b> , 74, 41-68	156
2164	Histone monoubiquitylation position determines specificity and direction of enzymatic cross-talk with histone methyltransferases Dot1L and PRC2. <b>2012</b> , 287, 23718-25	31
2163	A complex Polycomb issue: the two faces of EZH2 in cancer. <b>2012</b> , 26, 751-5	97
2162	EED mutants impair polycomb repressive complex 2 in myelodysplastic syndrome and related neoplasms. <b>2012</b> , 26, 2557-60	39
2161	Perceiving the epigenetic landscape through histone readers. <b>2012</b> , 19, 1218-27	549
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2159	Contribution of the epigenetic mark H3K27me3 to functional divergence after whole genome duplication in Arabidopsis. <b>2012</b> , 13, R94	19
2158	Methylome analysis and integrative profiling of human HCCs identify novel protumorigenic factors. <b>2012</b> , 56, 1817-27	117
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2153	Epigenetics and bacterial infections. <b>2012</b> , 2, a010272	235
2152	Epigenetic repression of cardiac progenitor gene expression by Ezh2 is required for postnatal cardiac homeostasis. <b>2012</b> , 44, 343-7	197
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2150	Functional characterization of an apple apomixis-related MhFIE gene in reproduction development. <b>2012</b> , 185-186, 105-11	11
2149	Expanding the boundaries of embryonic stem cells. <b>2012</b> , 10, 666-677	53
2148	Emerging roles of RETINOBLASTOMA-RELATED proteins in evolution and plant development. <b>2012</b> , 17, 139-48	74
2147	Molecular biology. How to read the chromatin past. <b>2012</b> , 337, 919-20	3
2146	Nuclear organization and genome function. <b>2012</b> , 28, 163-87	82
2145	Generation of cDNA libraries from RNP-derived regulatory noncoding RNAs. <b>2012</b> , 925, 211-8	1
2144	X-linked H3K27me3 demethylase Utx is required for embryonic development in a sex-specific manner. <b>2012</b> , 109, 13004-9	137
2143	CpG island structure and trithorax/polycomb chromatin domains in human cells. <b>2012</b> , 100, 320-6	27
2142	Reprogramming chromatin. <b>2012</b> , 47, 464-82	10
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2140	The role of mutations in epigenetic regulators in myeloid malignancies. <b>2012</b> , 12, 599-612	535
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2138	PCGF homologs, CBX proteins, and RYBP define functionally distinct PRC1 family complexes. <b>2012</b> , 45, 344-56	583
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2135	SnapShot: Histone lysine methylase complexes. <b>2012</b> , 149, 498-498.e1	31
2134	A long ncRNA links copy number variation to a polycomb/trithorax epigenetic switch in FSHD muscular dystrophy. <b>2012</b> , 149, 819-31	290
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2132	Transcriptional mechanisms that regulate T helper 1 cell differentiation. <b>2012</b> , 24, 191-5	62
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2130	Concurrent epigenetic silencing of wnt/ $\beta$ -catenin pathway inhibitor genes in B cell chronic lymphocytic leukaemia. <b>2012</b> , 12, 213	37
2129	Resources for methylome analysis suitable for gene knockout studies of potential epigenome modifiers. <b>2012</b> , 1, 3	35
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2127	Enhancer of zeste homolog 2 is overexpressed and contributes to epigenetic inactivation of p21 and phosphatase and tensin homolog in B-cell acute lymphoblastic leukemia. <b>2012</b> , 237, 1110-6	20
2126	Ectopic expression of the histone methyltransferase Ezh2 in haematopoietic stem cells causes myeloproliferative disease. <b>2012</b> , 3, 623	95
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2122	Stopping a chromatin enzyme. <b>2012</b> , 8, 875-6	7
2121	Transcription control by long non-coding RNAs. <b>2012</b> , 3, 78-86	16
2120	Recurrent rearrangement of the PHF1 gene in ossifying fibromyxoid tumors. <b>2012</b> , 181, 1069-77	101
2119	The PWAPA cassette: Intimate association of a PHD-like finger and a winged-helix domain in proteins included in histone-modifying complexes. <b>2012</b> , 94, 2006-12	5
2118	Characterization of Aquilegia Polycomb Repressive Complex 2 homologs reveals absence of imprinting. <b>2012</b> , 507, 54-60	5
2117	Ezh1 is required for hematopoietic stem cell maintenance and prevents senescence-like cell cycle arrest. <b>2012</b> , 11, 649-62	161
2116	The genetic basis of early T-cell precursor acute lymphoblastic leukaemia. <i>Nature</i> , <b>2012</b> , 481, 157-63	50.4 1163
2115	Polycomb PHF19 binds H3K36me3 and recruits PRC2 and demethylase NO66 to embryonic stem cell genes during differentiation. <b>2012</b> , 19, 1273-81	182

2114	Epigenetic alterations in hematopoietic malignancies. <b>2012</b> , 96, 413-27	42
2113	Epigenetik in der Onkologie. <b>2012</b> , 15, 10-18	
2112	Proteome-wide identification of ubiquitylation sites by conjugation of engineered lysine-less ubiquitin. <b>2012</b> , 11, 796-807	33
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2110	Activity-dependent human brain coding/noncoding gene regulatory networks. <b>2012</b> , 192, 1133-48	135
2109	Antagonistic roles of SEPALLATA3, FT and FLC genes as targets of the polycomb group gene CURLY LEAF. <b>2012</b> , 7, e30715	56
2108	A novel human polycomb binding site acts as a functional polycomb response element in <i>Drosophila</i> . <b>2012</b> , 7, e36365	22
2107	Enhancer of zeste homolog 2 induces pulmonary artery smooth muscle cell proliferation. <b>2012</b> , 7, e37712	22
2106	Molecular architecture of human polycomb repressive complex 2. <b>2012</b> , 1, e00005	186
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2104	The genetic and epigenetic journey of embryonic stem cells into mature neural cells. <b>2012</b> , 3, 81	39
2103	[Chromatin remodeling defects and cancer: the SWI/SNF example]. <b>2012</b> , 99, 1133-40	2
2102	Comparative expression analysis of the H3K27 demethylases, JMJD3 and UTX, with the H3K27 methylase, EZH2, in <i>Xenopus</i> . <b>2012</b> , 56, 295-300	8
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2100	[Epigenetic repression of chemokine expression at the maternal-fetal interface as a mechanism of feto-maternal tolerance]. <b>2012</b> , 28, 1037-9	4
2099	FLC: a hidden polycomb response element shows up in silence. <b>2012</b> , 53, 785-93	20
2098	Mechanisms regulating epidermal stem cells. <b>2012</b> , 31, 2067-75	54
2097	Inner workings and regulatory inputs that control Polycomb repressive complex 2. <b>2012</b> , 121, 221-34	64

2096	Chromatin-modifying enzymes as modulators of reprogramming. <i>Nature</i> , <b>2012</b> , 483, 598-602	50.4	497
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2093	Targeting the enhancer of zeste homologue 2 in medulloblastoma. <b>2012</b> , 131, 1800-9		60
2092	Genetic inactivation of the polycomb repressive complex 2 in T cell acute lymphoblastic leukemia. <b>2012</b> , 18, 298-301		374
2091	The dynamic interplay in chromatin remodeling factors polycomb and trithorax proteins in response to DNA damage. <b>2012</b> , 39, 6179-85		4
2090	Chemokine gene silencing in decidual stromal cells limits T cell access to the maternal-fetal interface. <b>2012</b> , 336, 1317-21		285
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2088	The COMPASS family of histone H3K4 methylases: mechanisms of regulation in development and disease pathogenesis. <b>2012</b> , 81, 65-95		668
2087	Regulation of gene expression during early neuronal differentiation: evidence for patterns conserved across neuron populations and vertebrate classes. <b>2012</b> , 348, 1-27		19
2086	Nuclear bodies: multifunctional companions of the genome. <b>2012</b> , 24, 415-22		140
2085	Bmi1 marks intermediate precursors during differentiation of human brain tumor initiating cells. <b>2012</b> , 8, 141-53		42
2084	Cellular epigenetic stability and cancer. <b>2012</b> , 28, 118-27		41
2083	A mutation in the E(Z) methyltransferase that increases trimethylation of histone H3 lysine 27 and causes inappropriate silencing of active Polycomb target genes. <b>2012</b> , 364, 249-58		11
2082	PRC2 during vertebrate organogenesis: a complex in transition. <b>2012</b> , 367, 91-9		46
2081	The epigenome in early vertebrate development. <b>2012</b> , 50, 192-206		24
2080	Frequent deletions of JARID2 in leukemic transformation of chronic myeloid malignancies. <b>2012</b> , 87, 245-50		79
2079	Factor mediated gene priming in pluripotent stem cells sets the stage for lineage specification. <b>2012</b> , 34, 194-204		25

2078	Redistribution of H3K27me3 upon DNA hypomethylation results in de-repression of Polycomb target genes. <b>2013</b> , 14, R25	154
2077	Functional characterization of EZH2 $\beta$ reveals the increased complexity of EZH2 isoforms involved in the regulation of mammalian gene expression. <b>2013</b> , 6, 3	24
2076	Evolutionary Biology: Exobiology and Evolutionary Mechanisms. <b>2013</b> ,	
2075	Germ Cell Development in <i>C. elegans</i> . <b>2013</b> ,	6
2074	Epigenetic silencing of Bim transcription by Spi-1/PU.1 promotes apoptosis resistance in leukaemia. <b>2013</b> , 20, 1268-78	26
2073	Epigenetic Memory and Control in Plants. <b>2013</b> ,	3
2072	H3K9me-enhanced DNA hypermethylation of the p16INK4a gene: an epigenetic signature for spontaneous transformation of rat mesenchymal stem cells. <b>2013</b> , 22, 256-67	30
2071	Stem Cells and Cancer Stem Cells, Volume 9. <b>2013</b> ,	
2070	Pharmacological inhibition of polycomb repressive complex-2 activity induces apoptosis in human colon cancer stem cells. <b>2013</b> , 319, 1463-70	39
2069	Epigenetic expansion of VHL-HIF signal output drives multiorgan metastasis in renal cancer. <b>2013</b> , 19, 50-6	148
2068	Genetic identification of a novel locus, ACCELERATED FLOWERING 1 that controls chromatin modification associated with histone H3 lysine 27 trimethylation in <i>Arabidopsis thaliana</i> . <b>2013</b> , 208, 20-7	1
2067	Identification of EZH2 and EZH1 small molecule inhibitors with selective impact on diffuse large B cell lymphoma cell growth. <b>2013</b> , 20, 1329-39	111
2066	A PRC2-dependent repressive role of PRDM14 in human embryonic stem cells and induced pluripotent stem cell reprogramming. <b>2013</b> , 31, 682-92	52
2065	MicroRNA-323-3p regulates the activity of polycomb repressive complex 2 (PRC2) via targeting the mRNA of embryonic ectoderm development (Eed) gene in mouse embryonic stem cells. <b>2013</b> , 288, 23659-65	6
2064	Long noncoding RNAs in the X-inactivation center. <b>2013</b> , 21, 601-614	26
2063	EZH2-mediated H3K27 trimethylation mediates neurodegeneration in ataxia-telangiectasia. <b>2013</b> , 16, 1745-53	105
2062	Epigenetics in focus: pathogenesis of myelodysplastic syndromes and the role of hypomethylating agents. <b>2013</b> , 88, 231-45	23
2061	Roles of thioredoxin binding protein (TXNIP) in oxidative stress, apoptosis and cancer. <b>2013</b> , 13, 163-9	112

2060	Non-coding RNAs and EZH2 interactions in cancer: long and short tales from the transcriptome. <b>2013</b> , 133, 267-74	63
2059	PRC2 controls Drosophila oocyte cell fate by repressing cell cycle genes. <b>2013</b> , 26, 431-9	38
2058	Gene silencing and Polycomb group proteins: an overview of their structure, mechanisms and phylogenetics. <b>2013</b> , 17, 283-96	29
2057	Histone modifications for human epigenome analysis. <b>2013</b> , 58, 439-45	253
2056	Chromatin regulator PRC2 is a key regulator of epigenetic plasticity in glioblastoma. <b>2013</b> , 73, 4559-70	69
2055	Inhibition of PRC2 activity by a gain-of-function H3 mutation found in pediatric glioblastoma. <b>2013</b> , 340, 857-61	820
2054	Deregulation of epigenetic mechanisms by the hepatitis B virus X protein in hepatocarcinogenesis. <b>2013</b> , 5, 858-72	25
2053	PRC2 binds active promoters and contacts nascent RNAs in embryonic stem cells. <b>2013</b> , 20, 1258-64	221
2052	ENSA expression correlates with attenuated tumor propagation in liver cancer. <b>2013</b> , 442, 56-61	7
2051	Stem Cells: Current Challenges and New Directions. <b>2013</b> ,	1
2050	Elements of the polycomb repressor SU(Z)12 needed for histone H3-K27 methylation, the interface with E(Z), and in vivo function. <b>2013</b> , 33, 4844-56	24
2049	Tudor: a versatile family of histone methylation 'readers'. <b>2013</b> , 38, 546-55	104
2048	Disclosing the crosstalk among DNA methylation, transcription factors, and histone marks in human pluripotent cells through discovery of DNA methylation motifs. <b>2013</b> , 23, 2013-29	29
2047	Cross-talk between site-specific transcription factors and DNA methylation states. <b>2013</b> , 288, 34287-94	136
2046	Interferon- $\beta$ resets muscle cell fate by stimulating the sequential recruitment of JARID2 and PRC2 to promoters to repress myogenesis. <b>2013</b> , 6, ra107	28
2045	Nucleosome-binding activities within JARID2 and EZH1 regulate the function of PRC2 on chromatin. <b>2013</b> , 27, 2663-77	121
2044	Chromatin structure, pluripotency and differentiation. <b>2013</b> , 238, 259-70	22
2043	Genome-wide analysis identifies a functional association of Tet1 and Polycomb repressive complex 2 in mouse embryonic stem cells. <b>2013</b> , 14, R91	115

2042	Pleiotropic phenotypes of the salt-tolerant and cytosine hypomethylated leafless inflorescence, evergreen dwarf and irregular leaf lamina mutants of <i>Catharanthus roseus</i> possessing Mendelian inheritance. <b>2013</b> , 92, 369-94	7
2041	Roles, and establishment, maintenance and erasing of the epigenetic cytosine methylation marks in plants. <b>2013</b> , 92, 629-66	18
2040	Reduced H3K27me3 and DNA hypomethylation are major drivers of gene expression in K27M mutant pediatric high-grade gliomas. <b>2013</b> , 24, 660-72	478
2039	The dynamics of polycomb group proteins in early embryonic nervous system in mouse and human. <b>2013</b> , 31, 487-95	9
2038	Deep sequencing reveals increased DNA methylation in chronic rat epilepsy. <b>2013</b> , 126, 741-56	134
2037	Arabidopsis Polycomb Repressive Complex 2 binding sites contain putative GAGA factor binding motifs within coding regions of genes. <b>2013</b> , 14, 593	73
2036	Polycomblike protein PHF1b: a transcriptional sensor for GABA receptor activity. <b>2013</b> , 14, 37	5
2035	Maintenance of epigenetic information: a noncoding RNA perspective. <b>2013</b> , 21, 615-25	10
2034	Genetic basis of MPN: Beyond JAK2-V617F. <b>2013</b> , 8, 299-306	15
2033	Molecular pathogenesis and progression of prostate cancer. <b>2013</b> , 40, 244-58	78
2032	Small molecule epigenetic inhibitors targeted to histone lysine methyltransferases and demethylases. <b>2013</b> , 46, 349-73	26
2031	Ezh1 and Ezh2 differentially regulate PSD-95 gene transcription in developing hippocampal neurons. <b>2013</b> , 57, 130-43	41
2030	Polycomb complexes in stem cells and embryonic development. <b>2013</b> , 140, 2525-34	218
2029	Hira-dependent histone H3.3 deposition facilitates PRC2 recruitment at developmental loci in ES cells. <b>2013</b> , 155, 107-20	185
2028	Dnmt3L antagonizes DNA methylation at bivalent promoters and favors DNA methylation at gene bodies in ESCs. <b>2013</b> , 155, 121-34	124
2027	Promiscuous RNA binding by Polycomb repressive complex 2. <b>2013</b> , 20, 1250-7	332
2026	The histone methyltransferase Ezh2 is a crucial epigenetic regulator of allogeneic T-cell responses mediating graft-versus-host disease. <b>2013</b> , 122, 4119-28	43
2025	Preparation of phenylethylbenzamide derivatives as modulators of DNMT3 activity. <b>2013</b> , 4, 1562	23

2024	The histone H3K27 methylation mark regulates intestinal epithelial cell density-dependent proliferation and the inflammatory response. <b>2013</b> , 114, 1203-15	19
2023	Binding of PHF1 Tudor to H3K36me3 enhances nucleosome accessibility. <b>2013</b> , 4, 2969	55
2022	A genetic polymorphism in lincRNA-uc003opf.1 is associated with susceptibility to esophageal squamous cell carcinoma in Chinese populations. <b>2013</b> , 34, 2908-17	56
2021	From histones to RNA: role of methylation in cancer. <b>2013</b> , 12, 244-53	17
2020	Durable tumor regression in genetically altered malignant rhabdoid tumors by inhibition of methyltransferase EZH2. <b>2013</b> , 110, 7922-7	495
2019	PRDM14 ensures naive pluripotency through dual regulation of signaling and epigenetic pathways in mouse embryonic stem cells. <b>2013</b> , 12, 368-82	229
2018	Mechanisms of T cell tolerance towards the allogeneic fetus. <b>2013</b> , 13, 23-33	194
2017	An H3K36 methylation-engaging Tudor motif of polycomb-like proteins mediates PRC2 complex targeting. <b>2013</b> , 49, 571-82	165
2016	GANT-61 inhibits pancreatic cancer stem cell growth in vitro and in NOD/SCID/IL2R gamma null mice xenograft. <b>2013</b> , 330, 22-32	125
2015	Polycomb-group proteins in hematopoietic stem cell regulation and hematopoietic neoplasms. <b>2013</b> , 27, 523-33	41
2014	Ring1b bookmarks genes in pancreatic embryonic progenitors for repression in adult $\beta$ cells. <b>2013</b> , 27, 52-63	23
2013	Epigenetic regulation of cancer stem cell gene expression. <b>2013</b> , 61, 419-34	6
2012	Weaver syndrome and defective cortical development: a rare association. <b>2013</b> , 161A, 225-7	15
2011	Inhibition of PRC2 histone methyltransferase activity increases TRAIL-mediated apoptosis sensitivity in human colon cancer cells. <b>2013</b> , 228, 764-72	40
2010	Global changes in the mammary epigenome are induced by hormonal cues and coordinated by Ezh2. <b>2013</b> , 3, 411-26	96
2009	Ossifying fibromyxoid tumor presenting EP400-PHF1 fusion gene. <b>2013</b> , 44, 2603-8	31
2008	SET for life: biochemical activities and biological functions of SET domain-containing proteins. <b>2013</b> , 38, 621-39	185
2007	SIR-nucleosome interactions: structure-function relationships in yeast silent chromatin. <b>2013</b> , 527, 10-25	32

2006	Jmjd3 controls mesodermal and cardiovascular differentiation of embryonic stem cells. <b>2013</b> , 113, 856-62	68
2005	CHD5 is required for neurogenesis and has a dual role in facilitating gene expression and polycomb gene repression. <b>2013</b> , 26, 223-36	76
2004	MLL-ENL inhibits polycomb repressive complex 1 to achieve efficient transformation of hematopoietic cells. <b>2013</b> , 3, 1553-66	43
2003	Suppression of tumorigenicity by microRNA-138 through inhibition of EZH2-CDK4/6-pRb-E2F1 signal loop in glioblastoma multiforme. <b>2013</b> , 1832, 1697-707	82
2002	Characterization of the EZH2-MMSET histone methyltransferase regulatory axis in cancer. <b>2013</b> , 49, 80-93	110
2001	Combined aberrant expression of Bmi1 and EZH2 is predictive of poor prognosis in glioma patients. <b>2013</b> , 335, 191-6	29
2000	The aurora B kinase and the polycomb protein ring1B combine to regulate active promoters in quiescent lymphocytes. <b>2013</b> , 51, 647-61	75
1999	A histone mutant reproduces the phenotype caused by loss of histone-modifying factor Polycomb. <b>2013</b> , 339, 698-9	201
1998	Histone methylation in the nervous system: functions and dysfunctions. <b>2013</b> , 47, 740-56	31
1997	EZH2 is regulated by ERK/AKT and targets integrin alpha2 gene to control Epithelial-Mesenchymal Transition and anoikis in colon cancer cells. <b>2013</b> , 45, 243-54	42
1996	Jmjd3 inhibits reprogramming by upregulating expression of INK4a/Arf and targeting PHF20 for ubiquitination. <b>2013</b> , 152, 1037-50	120
1995	Small-molecular modulators of cancer-associated epigenetic mechanisms. <b>2013</b> , 9, 873-96	39
1994	Transcriptional regulation and its misregulation in disease. <b>2013</b> , 152, 1237-51	805
1993	Epigenetic programming and reprogramming during development. <b>2013</b> , 20, 282-9	310
1992	The ASYMMETRIC LEAVES complex maintains repression of KNOX homeobox genes via direct recruitment of Polycomb-repressive complex2. <b>2013</b> , 27, 596-601	113
1991	The tissue-specific lncRNA Fendrr is an essential regulator of heart and body wall development in the mouse. <b>2013</b> , 24, 206-14	718
1990	Non-canonical functions of the DNA methylome in gene regulation. <b>2013</b> , 451, 13-23	66
1989	Update of research on the role of EZH2 in cancer progression. <b>2013</b> , 6, 321-4	23



1988	Gene mutations of acute myeloid leukemia in the genome era. <b>2013</b> , 97, 165-74	48
1987	The role of DNA methylation and histone modifications in transcriptional regulation in humans. <b>2013</b> , 61, 289-317	83
1986	Epigenetics and development in plants: green light to convergent innovations. <b>2013</b> , 104, 189-222	19
1985	Mechanisms of epigenetic regulation of leukemia onset and progression. <b>2013</b> , 117, 1-38	20
1984	Occupying chromatin: Polycomb mechanisms for getting to genomic targets, stopping transcriptional traffic, and staying put. <b>2013</b> , 49, 808-24	561
1983	Stem cells and the developing mammary gland. <b>2013</b> , 18, 209-19	35
1982	Epigenetic modifications in rheumatoid arthritis, a review. <b>2013</b> , 13, 420-5	45
1981	Epigenetic Modifications in Plants Under Adverse Conditions: Agricultural Applications. <b>2013</b> , 233-267	2
1980	Human inactive X chromosome is compacted through a PRC2-independent SMCHD1-HBiX1 pathway. <b>2013</b> , 20, 566-73	129
1979	Epigenetic Control of Plant Immunity. <b>2013</b> , 57-76	3
1978	BRCA1 is a negative modulator of the PRC2 complex. <b>2013</b> , 32, 1584-97	88
1977	Multifaceted role of EZH2 in breast and prostate tumorigenesis: epigenetics and beyond. <b>2013</b> , 8, 464-76	66
1976	Phosphorylation of EZH2 activates STAT3 signaling via STAT3 methylation and promotes tumorigenicity of glioblastoma stem-like cells. <b>2013</b> , 23, 839-52	506
1975	RKIP: much more than Raf kinase inhibitory protein. <b>2013</b> , 228, 1688-702	78
1974	Putting a halt on PRC2 in pediatric glioblastoma. <b>2013</b> , 45, 587-9	6
1973	The polycomb complex PRC1: composition and function in plants. <b>2013</b> , 40, 231-8	49
1972	An orally bioavailable chemical probe of the Lysine Methyltransferases EZH2 and EZH1. <b>2013</b> , 8, 1324-34	313
1971	Arabidopsis MSI1 connects LHP1 to PRC2 complexes. <b>2013</b> , 32, 2073-85	159

1970	Differential expression and methylation of brain developmental genes define location-specific subsets of pilocytic astrocytoma. <b>2013</b> , 126, 291-301	70
1969	The correlation between histone modifications and gene expression. <b>2013</b> , 5, 113-6	109
1968	Crucial Role of the Polycomb Group Gene Product BMI-1 in the Maintenance of Self-Renewing Hematopoietic Stem Cells. <b>2013</b> , 143-153	
1967	Interaction with Suv39H1 is critical for Snail-mediated E-cadherin repression in breast cancer. <b>2013</b> , 32, 1351-62	148
1966	Epigenetic Changes in Prostate Cancer. <b>2013</b> , 169-179	
1965	Polycomb repressive complex PRC2 regulates <i>Xenopus</i> retina development downstream of Wnt/ $\beta$ -catenin signaling. <b>2013</b> , 140, 2867-78	29
1964	Set2 mediated H3 lysine 36 methylation: regulation of transcription elongation and implications in organismal development. <b>2013</b> , 2, 685-700	44
1963	Polycomb repressive complex 2 (PRC2) suppresses E $\mu$ myc lymphoma. <b>2013</b> , 122, 2654-63	22
1962	Ezh2 orchestrates topographic migration and connectivity of mouse precerebellar neurons. <b>2013</b> , 339, 204-7	89
1961	Identification of the KDM2/7 histone lysine demethylase subfamily inhibitor and its antiproliferative activity. <b>2013</b> , 56, 7222-31	62
1960	When less is more: the forbidden fruits of gene repression in the adult $\beta$ cell. <b>2013</b> , 15, 503-12	71
1959	Interplay between chromatin modifications and paused RNA polymerase II in dynamic transition between stalled and activated genes. <b>2013</b> , 88, 40-8	19
1958	[Explicative models of cancer biology: an enlarged vision]. <b>2013</b> , 100, 697-713	1
1957	Modeling of epigenome dynamics identifies transcription factors that mediate Polycomb targeting. <b>2013</b> , 23, 60-73	89
1956	Deciphering HIC1 control pathways to reveal new avenues in cancer therapeutics. <b>2013</b> , 17, 811-27	27
1955	Histone methyltransferase and histone methylation in inflammatory T-cell responses. <b>2013</b> , 5, 989-1004	27
1954	Aberrant DNA methylation at genes associated with a stem cell-like phenotype in cholangiocarcinoma tumors. <b>2013</b> , 6, 1348-55	20
1953	The histone demethylase Jarid1b ensures faithful mouse development by protecting developmental genes from aberrant H3K4me3. <b>2013</b> , 9, e1003461	88

1952	Inactivation of intergenic enhancers by EBNA3A initiates and maintains polycomb signatures across a chromatin domain encoding CXCL10 and CXCL9. <b>2013</b> , 9, e1003638	45
1951	Physical and functional interaction of Rnf2 with Af9 regulates basal and aldosterone-stimulated transcription of the ENaC gene in a renal collecting duct cell line. <b>2013</b> , 33,	3
1950	The <i>Fusarium graminearum</i> histone H3 K27 methyltransferase KMT6 regulates development and expression of secondary metabolite gene clusters. <b>2013</b> , 9, e1003916	170
1949	Inferring nucleosome positions with their histone mark annotation from ChIP data. <b>2013</b> , 29, 2547-54	15
1948	Association of epigenetic alterations in the human C7orf24 gene with the aberrant gene expression in malignant cells. <b>2013</b> , 154, 355-62	6
1947	The PML-Interacting Protein DAXX: Histone Loading Gets into the Picture. <b>2013</b> , 3, 152	32
1946	Global Decrease of Histone H3K27 Acetylation in ZEB1-Induced Epithelial to Mesenchymal Transition in Lung Cancer Cells. <b>2013</b> , 5, 334-56	49
1945	Chromatin targeting drugs in cancer and immunity. <b>2013</b> , 27, 1731-8	22
1944	A genetic approach to the recruitment of PRC2 at the HoxD locus. <b>2013</b> , 9, e1003951	28
1943	Cell reprogramming requires silencing of a core subset of polycomb targets. <b>2013</b> , 9, e1003292	50
1942	Alu elements in ANRIL non-coding RNA at chromosome 9p21 modulate atherogenic cell functions through trans-regulation of gene networks. <b>2013</b> , 9, e1003588	272
1941	Regulation of Mammalian Gene Dosage by Long Noncoding RNAs. <b>2013</b> , 3, 124-42	2
1940	The histone H3.3K27M mutation in pediatric glioma reprograms H3K27 methylation and gene expression. <b>2013</b> , 27, 985-90	443
1939	PBRM1 and BAP1 as novel targets for renal cell carcinoma. <b>2013</b> , 19, 324-32	77
1938	Catalytic-independent roles of UTX-1 in <i>C. elegans</i> development. <b>2013</b> , 2, e22188	2
1937	Enhancer of zeste homolog 2 is a negative regulator of mitochondria-mediated innate immune responses. <b>2013</b> , 191, 2614-23	28
1936	Epigenetic control by plant Polycomb proteins: new perspectives and emerging roles in stress response. <b>2013</b> , 31-48	0
1935	RNA polymerase II progression through H3K27me3-enriched gene bodies requires JMJD3 histone demethylase. <b>2013</b> , 24, 351-60	36

1934	The trithorax group proteins Kismet and ASH1 promote H3K36 dimethylation to counteract Polycomb group repression in <i>Drosophila</i> . <b>2013</b> , 140, 4182-92	63
1933	Expression of a large LINE-1-driven antisense RNA is linked to epigenetic silencing of the metastasis suppressor gene TFPI-2 in cancer. <b>2013</b> , 41, 6857-69	42
1932	Reverse engineering a mouse embryonic stem cell-specific transcriptional network reveals a new modulator of neuronal differentiation. <b>2013</b> , 41, 711-26	22
1931	EZH2 is required for breast and pancreatic cancer stem cell maintenance and can be used as a functional cancer stem cell reporter. <b>2013</b> , 2, 43-52	84
1930	Transcription profiling during the cell cycle shows that a subset of Polycomb-targeted genes is upregulated during DNA replication. <b>2013</b> , 41, 2846-56	41
1929	NIPP1 maintains EZH2 phosphorylation and promoter occupancy at proliferation-related target genes. <b>2013</b> , 41, 842-54	31
1928	Stoichiometry of chromatin-associated protein complexes revealed by label-free quantitative mass spectrometry-based proteomics. <b>2013</b> , 41, e28	183
1927	RIPSeeker: a statistical package for identifying protein-associated transcripts from RIP-seq experiments. <b>2013</b> , 41, e94	31
1926	MicroRNA-128 coordinately targets Polycomb Repressor Complexes in glioma stem cells. <b>2013</b> , 15, 1212-24	92
1925	Oncogenic RAS directs silencing of tumor suppressor genes through ordered recruitment of transcriptional repressors. <b>2013</b> , 27, 2221-6	30
1924	Duplication of 17q11.2 and Features of Albright Hereditary Osteodystrophy Secondary to Methylation Defects within the GNAS Cluster: Coincidence or Causal?. <b>2013</b> , 2013, 764152	3
1923	EZH2 protein expression associates with the early pathogenesis, tumor progression, and prognosis of non-small cell lung carcinoma. <b>2013</b> , 19, 6556-65	103
1922	A lesson learned from the H3.3K27M mutation found in pediatric glioma: a new approach to the study of the function of histone modifications in vivo?. <b>2013</b> , 12, 2546-52	42
1921	Protein arginine methyltransferase 5 (PRMT5) inhibition induces lymphoma cell death through reactivation of the retinoblastoma tumor suppressor pathway and polycomb repressor complex 2 (PRC2) silencing. <b>2013</b> , 288, 35534-47	69
1920	Cutting edge: Smad2 and Smad4 regulate TGF- $\beta$ -mediated Il9 gene expression via EZH2 displacement. <b>2013</b> , 191, 4908-12	55
1919	Medicine. (Poly)combing the pediatric cancer genome for answers. <b>2013</b> , 340, 823-4	9
1918	Mutation in PHC1 implicates chromatin remodeling in primary microcephaly pathogenesis. <b>2013</b> , 22, 2200-13	72
1917	Fusion of the ZC3H7B and BCOR genes in endometrial stromal sarcomas carrying an X;22-translocation. <b>2013</b> , 52, 610-8	81

1916	A double take on bivalent promoters. <b>2013</b> , 27, 1318-38	543
1915	PINK1 regulates histone H3 trimethylation and gene expression by interaction with the polycomb protein EED/WAIT1. <b>2013</b> , 110, 14729-34	11
1914	Enhancer of zeste homolog 2 activates wnt signaling through downregulating CXXC finger protein 4. <b>2013</b> , 4, e776	39
1913	The genomic landscape of hypodiploid acute lymphoblastic leukemia. <b>2013</b> , 45, 242-52	474
1912	Mixed lineage leukemia 5 (MLL5) protein regulates cell cycle progression and E2F1-responsive gene expression via association with host cell factor-1 (HCF-1). <b>2013</b> , 288, 17532-43	45
1911	Quantitative in vivo analysis of chromatin binding of Polycomb and Trithorax group proteins reveals retention of ASH1 on mitotic chromatin. <b>2013</b> , 41, 5235-50	36
1910	Transcription factors interfering with dedifferentiation induce cell type-specific transcriptional profiles. <b>2013</b> , 110, 6412-7	31
1909	Regional control of histone H3 lysine 27 methylation in Neurospora. <b>2013</b> , 110, 6027-32	103
1908	New epigenetic pathway for stemness maintenance mediated by the histone methyltransferase Ezh1. <b>2013</b> , 12, 383-4	6
1907	Polycomb repressive complex 2 silences human cytomegalovirus transcription in quiescent infection models. <b>2013</b> , 87, 13193-205	36
1906	EED and KDM6B coordinate the first mammalian cell lineage commitment to ensure embryo implantation. <b>2013</b> , 33, 2691-705	44
1905	PRC2 overexpression and PRC2-target gene repression relating to poorer prognosis in small cell lung cancer. <b>2013</b> , 3, 1911	105
1904	Integrative DNA methylation and gene expression analysis in high-grade soft tissue sarcomas. <b>2013</b> , 14, r137	58
1903	Histone methyltransferase inhibitors: novel epigenetic agents for cancer treatment. <b>2013</b> , 20, 167-85	48
1902	The Interactions of microRNA and Epigenetic Modifications in Prostate Cancer. <b>2013</b> , 5, 998-1019	25
1901	Ectopic expression of homeobox gene NKX2-1 in diffuse large B-cell lymphoma is mediated by aberrant chromatin modifications. <b>2013</b> , 8, e61447	17
1900	PPAR $\alpha$ interprets a chromatin signature of pluripotency to promote embryonic differentiation at gastrulation. <b>2013</b> , 8, e83300	6
1899	EBV finds a polycomb-mediated, epigenetic solution to the problem of oncogenic stress responses triggered by infection. <b>2013</b> , 4, 212	28

1898	Epigenetics and chromatin plasticity in embryonic stem cells. <b>2013</b> , 5, 73-85	3
1897	Role of Enhancer of Zeste Homolog 2 Polycomb Protein and Its Significance in Tumor Progression and Cell Differentiation. <b>2013</b> ,	6
1896	Epigenetic regulation of hematopoietic stem cells. <b>2013</b> , 33, 197-202	
1895	Understanding the pathological features of early oral cancer (Review Article). <b>2013</b> , 25, 42-53	3
1894	The yeast histone chaperone hif1p functions with RNA in nucleosome assembly. <b>2014</b> , 9, e100299	4
1893	Polycomb group protein Ezh2 regulates hepatic progenitor cell proliferation and differentiation in murine embryonic liver. <b>2014</b> , 9, e104776	23
1892	JARID2 is involved in transforming growth factor-beta-induced epithelial-mesenchymal transition of lung and colon cancer cell lines. <b>2014</b> , 9, e115684	42
1891	[PRC2 alterations in NF1-associated malignant peripheral nerve sheath tumors: schwann cells with no complex]. <b>2014</b> , 30, 733-5	1
1890	Roles of enhancer of zeste homolog 2: from skeletal muscle differentiation to rhabdomyosarcoma carcinogenesis. <b>2014</b> , 13, 516-27	24
1889	The localization of histone H3K27me3 demethylase Jmjd3 is dynamically regulated. <b>2014</b> , 9, 834-41	23
1888	Ezh2 regulates transcriptional and posttranslational expression of T-bet and promotes Th1 cell responses mediating aplastic anemia in mice. <b>2014</b> , 192, 5012-22	47
1887	Long noncoding RNA PANDA and scaffold-attachment-factor SAFA control senescence entry and exit. <b>2014</b> , 5, 5323	131
1886	RNA-binding proteins in pluripotency, differentiation, and reprogramming. <b>2014</b> , 9, 389-409	24
1885	Reciprocal interactions of human C10orf12 and C17orf96 with PRC2 revealed by BioTAP-XL cross-linking and affinity purification. <b>2014</b> , 111, 2488-93	65
1884	Is the Histone Code an Organic Code?. <b>2014</b> , 7, 203-222	17
1883	Interplay of chromatin modifications and non-coding RNAs in the heart. <b>2014</b> , 9, 101-12	28
1882	The primary microRNA-208b interacts with Polycomb-group protein, Ezh2, to regulate gene expression in the heart. <b>2014</b> , 42, 790-803	47
1881	Selective inhibition of EZH2 by EPZ-6438 leads to potent antitumor activity in EZH2-mutant non-Hodgkin lymphoma. <b>2014</b> , 13, 842-54	375

1880	The histone modification H3K27me3 is retained after gene duplication and correlates with conserved noncoding sequences in Arabidopsis. <b>2014</b> , 6, 572-9	8
1879	Effect of estrogen receptor binding on functional DNA methylation in breast cancer. <b>2014</b> , 9, 523-32	26
1878	Revolution in the Polycomb hierarchy. <b>2014</b> , 21, 573-5	25
1877	The Polycomb group (PcG) protein EZH2 supports the survival of PAX3-FOXO1 alveolar rhabdomyosarcoma by repressing FBXO32 (Atrogin1/MAFbx). <b>2014</b> , 33, 4173-84	49
1876	Channeling your inner energy. <b>2014</b> , 21, 575-7	1
1875	EZH2-mediated epigenetic suppression of long noncoding RNA SPRY4-IT1 promotes NSCLC cell proliferation and metastasis by affecting the epithelial-mesenchymal transition. <b>2014</b> , 5, e1298	202
1874	Epigenetics and Cardiovascular Disease. <b>2014</b> , 747-782	
1873	Relationships between DNA and Histone Modifications. <b>2014</b> ,	
1872	Local effect of enhancer of zeste-like reveals cooperation of epigenetic and cis-acting determinants for zygotic genome rearrangements. <b>2014</b> , 10, e1004665	44
1871	Footprints of the sun: memory of UV and light stress in plants. <b>2014</b> , 5, 474	88
1870	Regulation of p53 and Rb links the alternative NF- $\kappa$ B pathway to EZH2 expression and cell senescence. <b>2014</b> , 10, e1004642	65
1869	Stage-dependent and locus-specific role of histone demethylase Jumonji D3 (JMJD3) in the embryonic stages of lung development. <b>2014</b> , 10, e1004524	41
1868	Dopamine signaling leads to loss of Polycomb repression and aberrant gene activation in experimental parkinsonism. <b>2014</b> , 10, e1004574	34
1867	Influence of ND10 components on epigenetic determinants of early KSHV latency establishment. <b>2014</b> , 10, e1004274	44
1866	Epigenetic regulation of cardiac myocyte differentiation. <b>2014</b> , 5, 375	22
1865	Regulation of germinal center, B-cell memory, and plasma cell formation by histone modifiers. <b>2014</b> , 5, 596	24
1864	High fat diet and in utero exposure to maternal obesity disrupts circadian rhythm and leads to metabolic programming of liver in rat offspring. <b>2014</b> , 9, e84209	82
1863	Polycomb-mediated gene silencing in Arabidopsis thaliana. <b>2014</b> , 37, 841-50	20

1862	Activation of neuronal gene expression by the JMJD3 demethylase is required for postnatal and adult brain neurogenesis. <b>2014</b> , 8, 1290-9		85
1861	The H3K27me3 demethylase UTX in normal development and disease. <b>2014</b> , 9, 658-68		87
1860	Polycomb proteins control proliferation and transformation independently of cell cycle checkpoints by regulating DNA replication. <b>2014</b> , 5, 3649		61
1859	Principles of nucleation of H3K27 methylation during embryonic development. <b>2014</b> , 24, 401-10		50
1858	Large scale analysis of co-existing post-translational modifications in histone tails reveals global fine structure of cross-talk. <b>2014</b> , 13, 1855-65		56
1857	An AUTS2-Polycomb complex activates gene expression in the CNS. <i>Nature</i> , <b>2014</b> , 516, 349-54	50.4	181
1856	Histone methylases as novel drug targets: developing inhibitors of EZH2. <b>2014</b> , 6, 1943-65		11
1855	Identification of a novel, recurrent MBTD1-CXorf67 fusion in low-grade endometrial stromal sarcoma. <b>2014</b> , 134, 1112-22		91
1854	TRIM37 is a new histone H2A ubiquitin ligase and breast cancer oncoprotein. <i>Nature</i> , <b>2014</b> , 516, 116-20	50.4	112
1853	Epigenomics of macrophages. <b>2014</b> , 262, 96-112		42
1852	PRC1 components exhibit different binding kinetics in Polycomb bodies. <b>2014</b> , 106, 111-25		11
1851	Arabidopsis guard cell integrity involves the epigenetic stabilization of the FLP and FAMA transcription factor genes. <b>2014</b> , 78, 566-77		42
1850	EZH2 inhibitor efficacy in non-Hodgkin's lymphoma does not require suppression of H3K27 monomethylation. <b>2014</b> , 21, 1463-75		112
1849	Cancer Stem Cells and Regulatory RNAs Crosstalk: Fostering Possibilities for Cancer Therapies. <b>2014</b> , 64, 1138-1149		1
1848	Epigenetics in liver disease. <b>2014</b> , 60, 1418-25		102
1847	Critical role of histone demethylase Jmjd3 in the regulation of CD4+ T-cell differentiation. <b>2014</b> , 5, 5780		101
1846	Inference of interactions between chromatin modifiers and histone modifications: from CHIP-Seq data to chromatin-signaling. <b>2014</b> , 42, 13689-95		19
1845	Unexpected roles of long non-coding RNAs in cancer biology. <b>2014</b> , 19, 544-549		1



1844	Epigenetic alterations of the keratin 13 gene in oral squamous cell carcinoma. <b>2014</b> , 14, 988	21
1843	HSI2/VAL1 PHD-like domain promotes H3K27 trimethylation to repress the expression of seed maturation genes and complex transgenes in Arabidopsis seedlings. <b>2014</b> , 14, 293	16
1842	Nuclear architecture and gene silencing in olfactory sensory neurons. <b>2014</b> , 4, 160-3	5
1841	The histone methyltransferase EZH2, an oncogene common to benign and malignant parathyroid tumors. <b>2014</b> , 21, 231-9	30
1840	5 Fungal Chromatin and Its Role in Regulation of Gene Expression. <b>2014</b> , 99-120	5
1839	Transcriptional and Epigenetic Mechanisms Regulating Normal and Aberrant Blood Cell Development. <b>2014</b> ,	1
1838	Association of H3K9me3 and H3K27me3 repressive histone marks with breast cancer subtypes in the Nurses' Health Study. <b>2014</b> , 147, 639-51	37
1837	Properties and Functions of Histone Variants. <b>2014</b> , 375-426	2
1836	AGO2 and SETDB1 cooperate in promoter-targeted transcriptional silencing of the androgen receptor gene. <b>2014</b> , 42, 13545-56	32
1835	Histones and their modifications in ovarian cancer - drivers of disease and therapeutic targets. <b>2014</b> , 4, 144	38
1834	Paternal heterochromatin formation in human embryos is H3K9/HP1 directed and primed by sperm-derived histone modifications. <b>2014</b> , 5, 5868	78
1833	Nucleosomal packaging of eukaryotic DNA and regulation of transcription. <b>2014</b> , 30, 413-425	1
1832	A dimeric state for PRC2. <b>2014</b> , 42, 9236-48	30
1831	The Tudor domain of the PHD finger protein 1 is a dual reader of lysine trimethylation at lysine 36 of histone H3 and lysine 27 of histone variant H3t. <b>2014</b> , 426, 1651-60	17
1830	Systems Analysis of Chromatin-Related Protein Complexes in Cancer. <b>2014</b> ,	
1829	The epigenetic landscape of T-cell acute lymphoblastic leukemia. <b>2014</b> , 53, 547-57	16
1828	Mechanisms by which SMARCB1 loss drives rhabdoid tumor growth. <b>2014</b> , 207, 365-72	95
1827	Erk1/2 activity promotes chromatin features and RNAPII phosphorylation at developmental promoters in mouse ESCs. <b>2014</b> , 156, 678-90	106

1826	MEAF6/PHF1 is a recurrent gene fusion in endometrial stromal sarcoma. <b>2014</b> , 347, 75-8	68
1825	Polycomb group proteins and MYC: the cancer connection. <b>2014</b> , 71, 257-69	46
1824	Polycomb group genes as the key regulators in gene silencing. <b>2014</b> , 19, 1-7	2
1823	Arabidopsis RETINOBLASTOMA-RELATED and Polycomb group proteins: cooperation during plant cell differentiation and development. <b>2014</b> , 65, 2667-76	41
1822	A novel microscopy-based high-throughput screening method to identify proteins that regulate global histone modification levels. <b>2014</b> , 19, 287-96	5
1821	Regulatory non-coding RNAs: revolutionizing the RNA world. <b>2014</b> , 41, 3915-23	41
1820	Every amino acid matters: essential contributions of histone variants to mammalian development and disease. <b>2014</b> , 15, 259-71	233
1819	Coordinated regulation of retinoic acid signaling pathway by KDM5B and polycomb repressive complex 2. <b>2014</b> , 115, 1528-38	15
1818	What are memories made of? How Polycomb and Trithorax proteins mediate epigenetic memory. <b>2014</b> , 15, 340-56	225
1817	Oligonucleotide-based therapy for neurodegenerative diseases. <b>2014</b> , 1584, 116-28	30
1816	Epigenetic dysregulation in glioma. <b>2014</b> , 105, 363-9	48
1815	MIR146A inhibits JMJD3 expression and osteogenic differentiation in human mesenchymal stem cells. <b>2014</b> , 588, 1850-6	33
1814	Inflammation-induced repression of chromatin bound by the transcription factor Foxp3 in regulatory T cells. <b>2014</b> , 15, 580-587	143
1813	Histone H2A monoubiquitination promotes histone H3 methylation in Polycomb repression. <b>2014</b> , 21, 569-71	298
1812	YC-1 inhibits proliferation of breast cancer cells by down-regulating EZH2 expression via activation of c-Cbl and ERK. <b>2014</b> , 171, 4010-25	22
1811	PRDM14: a unique regulator for pluripotency and epigenetic reprogramming. <b>2014</b> , 39, 289-98	43
1810	Histone target selection within chromatin: an exemplary case of teamwork. <b>2014</b> , 28, 1029-41	66
1809	Vascular histone deacetylation by pharmacological HDAC inhibition. <b>2014</b> , 24, 1271-84	64

1808	Long noncoding RNAs: emerging stars in gene regulation, epigenetics and human disease. <b>2014</b> , 9, 1932-56	181
1807	Long noncoding RNAs: fresh perspectives into the RNA world. <b>2014</b> , 39, 35-43	271
1806	PRC1 marks the difference in plant PcG repression. <b>2014</b> , 7, 459-71	50
1805	Emerging epigenetic mechanisms of long non-coding RNAs. <b>2014</b> , 264, 25-38	79
1804	The histone H3 lysine 9 methyltransferases G9a and GLP regulate polycomb repressive complex 2-mediated gene silencing. <b>2014</b> , 53, 277-89	165
1803	Interactions between JARID2 and noncoding RNAs regulate PRC2 recruitment to chromatin. <b>2014</b> , 53, 290-300	273
1802	Jarid2 Is Implicated in the Initial Xist-Induced Targeting of PRC2 to the Inactive X Chromosome. <b>2014</b> , 53, 301-16	191
1801	Distinct and combinatorial functions of Jmjd2b/Kdm4b and Jmjd2c/Kdm4c in mouse embryonic stem cell identity. <b>2014</b> , 53, 32-48	83
1800	Polycomb-dependent H3K27me1 and H3K27me2 regulate active transcription and enhancer fidelity. <b>2014</b> , 53, 49-62	302
1799	Ezh2 is required for neural crest-derived cartilage and bone formation. <b>2014</b> , 141, 867-77	79
1798	Cellular mechanisms of somatic stem cell aging. <b>2014</b> , 107, 405-38	45
1797	Polycomb repressive complex 2 regulates normal hematopoietic stem cell function in a developmental-stage-specific manner. <b>2014</b> , 14, 68-80	220
1796	Familial and Somatic Mutations of Histone-Modifying Enzymes in Cancer. <b>2014</b> , 65-85	
1795	Non-coding RNAs and Cancer. <b>2014</b> ,	6
1794	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. <b>2014</b> , 141, 4343-53	44
1793	Genome-wide high resolution parental-specific DNA and histone methylation maps uncover patterns of imprinting regulation in maize. <b>2014</b> , 24, 167-76	98
1792	EWS-FLI1 utilizes divergent chromatin remodeling mechanisms to directly activate or repress enhancer elements in Ewing sarcoma. <b>2014</b> , 26, 668-681	223
1791	An epigenetic switch induced by Shh signalling regulates gene activation during development and medulloblastoma growth. <b>2014</b> , 5, 5425	61

1790	Astemizole arrests the proliferation of cancer cells by disrupting the EZH2-EED interaction of polycomb repressive complex 2. <b>2014</b> , 57, 9512-21	69
1789	Investigating the functional implications of reinforcing feedback loops in transcriptional regulatory networks. <b>2014</b> , 10, 3238-48	4
1788	Epigenetic mechanisms in heart failure pathogenesis. <b>2014</b> , 7, 850-863	22
1787	Transcriptional silencing by polycomb-group proteins. <b>2014</b> , 6, a019331	163
1786	PRC2 is recurrently inactivated through EED or SUZ12 loss in malignant peripheral nerve sheath tumors. <b>2014</b> , 46, 1227-32	348
1785	A novel approach applying a chemical biology strategy in phenotypic screening reveals pathway-selective regulators of histone 3 K27 tri-methylation. <b>2014</b> , 10, 251-7	12
1784	Epigenetic modification in gliomas: role of the histone methyltransferase EZH2. <b>2014</b> , 18, 1197-206	7
1783	Long noncoding RNAs: an emerging link between gene regulation and nuclear organization. <b>2014</b> , 24, 651-63	233
1782	NDY1/KDM2B functions as a master regulator of polycomb complexes and controls self-renewal of breast cancer stem cells. <b>2014</b> , 74, 3935-46	65
1781	The polycomb protein Ezh2 impacts on induced pluripotent stem cell generation. <b>2014</b> , 23, 931-40	43
1780	Polycomb repressive complex 2 and H3K27me3 cooperate with H3K9 methylation to maintain heterochromatin protein 1 $\alpha$ chromatin. <b>2014</b> , 34, 3662-74	76
1779	The central role of EED in the orchestration of polycomb group complexes. <b>2014</b> , 5, 3127	91
1778	Multigenerational chromatin marks: no enzymes need apply. <b>2014</b> , 31, 142-4	7
1777	Epigenetics: the language of the cell?. <b>2014</b> , 6, 73-88	57
1776	Mutations in SETD2 cause a novel overgrowth condition. <b>2014</b> , 51, 512-7	64
1775	Jarid2 links MicroRNA and chromatin in Th17 cells. <b>2014</b> , 40, 855-6	5
1774	Pcgf6, a polycomb group protein, regulates mesodermal lineage differentiation in murine ESCs and functions in iPS reprogramming. <b>2014</b> , 32, 3112-25	28
1773	Hox Genes. <b>2014</b> ,	1

1772	Nascent RNA interaction keeps PRC2 activity poised and in check. <b>2014</b> , 28, 1983-8	133
1771	In vivo proximity labeling for the detection of protein-protein and protein-RNA interactions. <b>2014</b> , 13, 6135-43	17
1770	The polycomb group gene EMF2B is essential for maintenance of floral meristem determinacy in rice. <b>2014</b> , 80, 883-94	42
1769	Histone H3 lysine-to-methionine mutants as a paradigm to study chromatin signaling. <b>2014</b> , 345, 1065-70	135
1768	Adult neural stem cells stake their ground. <b>2014</b> , 37, 563-71	126
1767	EZH2-mediated inactivation of IFN- $\gamma$ /JAK-STAT1 signaling is an effective therapeutic target in MYC-driven prostate cancer. <b>2014</b> , 8, 204-16	69
1766	Middle-down hybrid chromatography/tandem mass spectrometry workflow for characterization of combinatorial post-translational modifications in histones. <b>2014</b> , 14, 2200-11	68
1765	Histone methyltransferase EZH2 is transcriptionally induced by estradiol as well as estrogenic endocrine disruptors bisphenol-A and diethylstilbestrol. <b>2014</b> , 426, 3426-41	87
1764	Localization of NADPH production: a wheel within a wheel. <b>2014</b> , 55, 158-60	18
1763	RNA binding of PRC2: promiscuous or well ordered?. <b>2014</b> , 55, 157-8	12
1762	Ruled by ubiquitylation: a new order for polycomb recruitment. <b>2014</b> , 8, 321-5	27
1761	Structural insights into binding of small molecule inhibitors to Enhancer of Zeste Homolog 2. <b>2014</b> , 28, 1109-28	3
1760	Epigenetic modification at Notch responsive promoters blunts efficacy of inducing notch pathway reactivation after myocardial infarction. <b>2014</b> , 115, 636-49	46
1759	Genetic and epigenetic mechanisms underlying vernalization. <b>2014</b> , 12, e0171	50
1758	Posttranslational modifications of human histone H3: an update. <b>2014</b> , 14, 2047-60	51
1757	A brief history of epigenetics. <b>2014</b> , 6,	182
1756	Somatic alterations and dysregulation of epigenetic modifiers in cancers. <b>2014</b> , 455, 24-34	25
1755	Deciphering the epigenetic code of T lymphocytes. <b>2014</b> , 261, 50-61	15

1754	Targeting histone methyltransferase EZH2 as cancer treatment. <b>2014</b> , 156, 249-57	64
1753	Control of cell identity genes occurs in insulated neighborhoods in mammalian chromosomes. <b>2014</b> , 159, 374-387	605
1752	EED regulates epithelial-mesenchymal transition of cancer cells induced by TGF- $\beta$ <b>2014</b> , 453, 124-30	20
1751	Nanoscale chromatin profiling of gastric adenocarcinoma reveals cancer-associated cryptic promoters and somatically acquired regulatory elements. <b>2014</b> , 5, 4361	55
1750	Regulation of transcription by long noncoding RNAs. <b>2014</b> , 48, 433-55	318
1749	Transcriptional regulation by trithorax-group proteins. <b>2014</b> , 6, a019349	72
1748	Unique genetic and epigenetic mechanisms driving paediatric diffuse high-grade glioma. <b>2014</b> , 14,	187
1747	Strategy for "detoxification" of a cancer-derived histone mutant based on mapping its interaction with the methyltransferase PRC2. <b>2014</b> , 136, 13498-501	73
1746	Cancer genomics identifies disrupted epigenetic genes. <b>2014</b> , 133, 713-25	41
1745	Cancer: pathological nuclear reprogramming?. <b>2014</b> , 14, 568-73	62
1744	Trithorax monomethylates histone H3K4 and interacts directly with CBP to promote H3K27 acetylation and antagonize Polycomb silencing. <b>2014</b> , 141, 1129-39	65
1743	EZH2: not EZHY (easy) to deal. <b>2014</b> , 12, 639-53	77
1742	Gene silencing triggers polycomb repressive complex 2 recruitment to CpG islands genome wide. <b>2014</b> , 55, 347-60	296
1741	Molecular pathways: deregulation of histone h3 lysine 27 methylation in cancer-different paths, same destination. <b>2014</b> , 20, 5001-8	51
1740	Molecular pathways: epigenetic modulation of Wnt-glycogen synthase kinase-3 signaling to target human cancer stem cells. <b>2014</b> , 20, 5372-8	31
1739	Driver mutations of cancer epigenomes. <b>2014</b> , 5, 265-96	110
1738	c-Myc-mediated epigenetic silencing of MicroRNA-101 contributes to dysregulation of multiple pathways in hepatocellular carcinoma. <b>2014</b> , 59, 1850-63	124
1737	The biologic era of childhood medulloblastoma and clues to novel therapies. <b>2014</b> , 10, 637-45	4

1736	Role of somatic cancer mutations in human protein lysine methyltransferases. <b>2014</b> , 1846, 366-79	24
1735	New tumor suppressor CXXC finger protein 4 inactivates mitogen activated protein kinase signaling. <b>2014</b> , 588, 3322-6	12
1734	The specific alteration of histone methylation profiles by DZNep during early zebrafish development. <b>2014</b> , 1839, 1307-15	12
1733	Mammary stem cells and the differentiation hierarchy: current status and perspectives. <b>2014</b> , 28, 1143-58	375
1732	Reactive oxygen species contribute to arsenic-induced EZH2 phosphorylation in human bronchial epithelial cells and lung cancer cells. <b>2014</b> , 276, 165-70	28
1731	Histone variants enriched in oocytes enhance reprogramming to induced pluripotent stem cells. <b>2014</b> , 14, 217-27	109
1730	Polycomb-Group Proteins and FLOWERING LOCUS T Maintain Commitment to Flowering in Arabidopsis thaliana. <b>2014</b> , 26, 2457-2471	39
1729	Discovery and Optimization of Tetramethylpiperidiny Benzamides as Inhibitors of EZH2. <b>2014</b> , 5, 378-83	51
1728	Chromatin repressive complexes in stem cells, development, and cancer. <b>2014</b> , 14, 735-51	238
1727	Long noncoding RNAs in cell-fate programming and reprogramming. <b>2014</b> , 14, 752-61	362
1726	The molecular balancing act of p16(INK4a) in cancer and aging. <b>2014</b> , 12, 167-83	162
1725	Targeting histone lysine demethylases - progress, challenges, and the future. <b>2014</b> , 1839, 1416-32	147
1724	Regulatory interactions between RNA and polycomb repressive complex 2. <b>2014</b> , 55, 171-85	201
1723	Examining the impact of gene variants on histone lysine methylation. <b>2014</b> , 1839, 1463-76	26
1722	Chromatin modifications remodel cardiac gene expression. <b>2014</b> , 103, 7-16	42
1721	Natural antisense transcripts. <b>2014</b> , 23, R54-63	90
1720	Keeping them all together: Propeller domains in histone methyltransferase complexes. <b>2014</b> , 426, 3363-75	1
1719	Epigenetics in hepatocellular carcinoma: an update and future therapy perspectives. <b>2014</b> , 20, 333-45	77

1718	The polycomb repressive complex 2 governs life and death of peripheral T cells. <b>2014</b> , 124, 737-49	77
1717	EZH2: novel therapeutic target for human cancer. <b>2014</b> , 4, 1	18
1716	PRC1 is taking the lead in PcG repression. <b>2015</b> , 83, 110-20	44
1715	Comparative methylome analysis in solid tumors reveals aberrant methylation at chromosome 6p in nasopharyngeal carcinoma. <b>2015</b> , 4, 1079-90	52
1714	Long non-coding RNA regulation of reproduction and development. <b>2015</b> , 82, 932-56	98
1713	EZH2 is highly expressed in pituitary adenomas and associated with proliferation. <b>2015</b> , 5, 16965	10
1712	Retinoids, Epigenetic Changes during Stem Cell Differentiation, and Cell Lineage Choice. <b>2015</b> , 291-306	
1711	Selective inhibition of EZH2 and EZH1 enzymatic activity by a small molecule suppresses MLL-rearranged leukemia. <b>2015</b> , 125, 346-57	148
1710	Polycomb repressive complex 2 component Suz12 is required for hematopoietic stem cell function and lymphopoiesis. <b>2015</b> , 126, 167-75	71
1709	Heterochromatin components in germline stem cell maintenance. <b>2015</b> , 5, 17463	13
1708	Histone Deacetylase 3 Coordinates Deacetylase-independent Epigenetic Silencing of Transforming Growth Factor- $\beta$ (TGF- $\beta$ ) to Orchestrate Second Heart Field Development. <b>2015</b> , 290, 27067-27089	43
1707	Genomic Analysis Reveals Disruption of Striatal Neuronal Development and Therapeutic Targets in Human Huntington's Disease Neural Stem Cells. <b>2015</b> , 5, 1023-1038	63
1706	Regulation of Nucleosome Architecture and Factor Binding Revealed by Nuclease Footprinting of the ESC Genome. <b>2015</b> , 13, 61-69	16
1705	Hoxa2 Selects Barrelette Neuron Identity and Connectivity in the Mouse Somatosensory Brainstem. <b>2015</b> , 13, 783-797	23
1704	An integrative analysis of post-translational histone modifications in the marine diatom <i>Phaeodactylum tricornutum</i> . <b>2015</b> , 16, 102	52
1703	AIP1 is a novel Agenet/Tudor domain protein from Arabidopsis that interacts with regulators of DNA replication, transcription and chromatin remodeling. <b>2015</b> , 15, 270	9
1702	Increased expression of the long non-coding RNA ANRIL promotes lung cancer cell metastasis and correlates with poor prognosis. <b>2015</b> , 10, 14	89
1701	Targeted Histone Peptides: Insights into the Spatial Regulation of the Methyltransferase PRC2 by using a Surrogate of Heterotypic Chromatin. <b>2015</b> , 127, 6557-6561	3



1700	ABCB1 and ABCG2 restrict the brain penetration of a panel of novel EZH2-Inhibitors. <b>2015</b> , 137, 2007-18	44
1699	Targeted Histone Peptides: Insights into the Spatial Regulation of the Methyltransferase PRC2 by using a Surrogate of Heterotypic Chromatin. <b>2015</b> , 54, 6457-61	12
1698	. <b>2015</b> ,	8
1697	The Fork in the Road: Histone Partitioning During DNA Replication. <b>2015</b> , 6, 353-71	38
1696	Targeting activating mutations of EZH2 leads to potent cell growth inhibition in human melanoma by derepression of tumor suppressor genes. <b>2015</b> , 6, 27023-36	57
1695	Synthesis of lysine methyltransferase inhibitors. <b>2015</b> , 3, 44	7
1694	EZH2 in Bladder Cancer, a Promising Therapeutic Target. <b>2015</b> , 16, 27107-32	45
1693	Chromatin signaling in muscle stem cells: interpreting the regenerative microenvironment. <b>2015</b> , 7, 36	11
1692	Transcriptional Response of Polycomb Group Genes to Status Epilepticus in Mice is Modified by Prior Exposure to Epileptic Preconditioning. <b>2015</b> , 6, 46	14
1691	Post-Translational Modifications of Histones in Vertebrate Neurogenesis. <b>2015</b> , 9, 483	11
1690	Inhibition of methyltransferases accelerates degradation of cFLIP and sensitizes B-cell lymphoma cells to TRAIL-induced apoptosis. <b>2015</b> , 10, e0117994	16
1689	Cancer Cells Hijack PRC2 to Modify Multiple Cytokine Pathways. <b>2015</b> , 10, e0126466	22
1688	Analysis of Matched Tumor and Normal Profiles Reveals Common Transcriptional and Epigenetic Signals Shared across Cancer Types. <b>2015</b> , 10, e0142618	24
1687	Long non-coding RNA HOTAIR promotes glioblastoma cell cycle progression in an EZH2 dependent manner. <b>2015</b> , 6, 537-46	178
1686	The epigenetics of embryo development. <b>2015</b> , 5, 42-49	15
1685	What do studies of insect polyphenisms tell us about nutritionally-triggered epigenomic changes and their consequences?. <b>2015</b> , 7, 1787-97	12
1684	Environmental Epigenetics. <b>2015</b> ,	
1683	Ezh2 maintains retinal progenitor proliferation, transcriptional integrity, and the timing of late differentiation. <b>2015</b> , 403, 128-38	40

1682	Epigenetic pathways in macrophages emerge as novel targets in atherosclerosis. <b>2015</b> , 763, 79-89	56
1681	Differences in Histone Modifications Between Individuals. <b>2015</b> , 55-82	
1680	Histone Recognition. <b>2015</b> ,	2
1679	Multiple levels of epigenetic control for bone biology and pathology. <b>2015</b> , 81, 733-738	12
1678	A CCRK-EZH2 epigenetic circuitry drives hepatocarcinogenesis and associates with tumor recurrence and poor survival of patients. <b>2015</b> , 62, 1100-11	49
1677	Jarid2 Methylation via the PRC2 Complex Regulates H3K27me3 Deposition during Cell Differentiation. <b>2015</b> , 57, 769-783	172
1676	The Epigenome and Aging. <b>2015</b> , 155-195	
1675	An aromatic cage is required but not sufficient for binding of Tudor domains of the Polycomblike protein family to H3K36me3. <b>2015</b> , 10, 467-73	10
1674	Epigenetic Regulation of Pluripotency by Polycomb Group Proteins. <b>2015</b> , 121-139	1
1673	Basic biology and therapeutic implications of lncRNA. <b>2015</b> , 87, 15-24	196
1672	Enhancer modeling uncovers transcriptional signatures of individual cardiac cell states in Drosophila. <b>2015</b> , 43, 1726-39	11
1671	H3K27 Demethylation at the Proviral Promoter Sensitizes Latent HIV to the Effects of Vorinostat in Ex Vivo Cultures of Resting CD4+ T Cells. <b>2015</b> , 89, 8392-405	43
1670	Retinoblastoma-binding Protein 4-regulated Classical Nuclear Transport Is Involved in Cellular Senescence. <b>2015</b> , 290, 29375-88	21
1669	The function of chromatin modifiers in lineage commitment and cell fate specification. <b>2015</b> , 282, 1692-702	27
1668	Environmental perception and epigenetic memory: mechanistic insight through FLC. <b>2015</b> , 83, 133-48	143
1667	The recruitment of chromatin modifiers by long noncoding RNAs: lessons from PRC2. <b>2015</b> , 21, 2007-22	195
1666	3D genome organization in health and disease: emerging opportunities in cancer translational medicine. <b>2015</b> , 6, 382-93	29
1665	Expression and Dendritic Trafficking of BDNF-6 Splice Variant are Impaired in Knock-In Mice Carrying Human BDNF Val66Met Polymorphism. <b>2015</b> , 18,	30

1664	RNF2 E3 or Not to E3: Dual Roles of RNF2 Overexpression in Melanoma. <b>2015</b> , 5, 1241-3	3
1663	PRC2 mediated H3K27 methylations in cellular identity and cancer. <b>2015</b> , 37, 42-8	138
1662	Protein domain mapping by internal labeling and single particle electron microscopy. <b>2015</b> , 192, 159-62	14
1661	Epigenetic regulation of autophagy by the methyltransferase EZH2 through an MTOR-dependent pathway. <b>2015</b> , 11, 2309-22	99
1660	Long noncoding RNAs in development and cancer: potential biomarkers and therapeutic targets. <b>2015</b> , 3, 5	192
1659	3-Deazaneplanocin A suppresses aggressive phenotype-related gene expression in an oral squamous cell carcinoma cell line. <b>2015</b> , 468, 269-73	6
1658	MicroRNA-195-5p acts as an anti-oncogene by targeting PHF19 in hepatocellular carcinoma. <b>2015</b> , 34, 175-82	45
1657	Targeting histone lysine methylation in cancer. <b>2015</b> , 150, 1-22	144
1656	Polycomb YY1 is a critical interface between epigenetic code and miRNA machinery after exposure to hypoxia in malignancy. <b>2015</b> , 1853, 975-86	16
1655	DEFORMED FLORAL ORGAN1 (DFO1) regulates floral organ identity by epigenetically repressing the expression of OsMADS58 in rice ( <i>Oryza sativa</i> ). <b>2015</b> , 206, 1476-90	39
1654	-7/7q- syndrome in myeloid-lineage hematopoietic malignancies: attempts to understand this complex disease entity. <b>2015</b> , 34, 2413-25	36
1653	Strong expression of EZH2 and accumulation of trimethylated H3K27 in diffuse large B-cell lymphoma independent of cell of origin and EZH2 codon 641 mutation. <b>2015</b> , 56, 2895-901	23
1652	The chromatin-modifying enzyme Ezh2 is critical for the maintenance of regulatory T cell identity after activation. <b>2015</b> , 42, 227-238	169
1651	Epigenetic-mediated reprogramming of pancreatic endocrine cells. <b>2015</b> , 22, 1483-95	2
1650	EZH2 protects glioma stem cells from radiation-induced cell death in a MELK/FOXM1-dependent manner. <b>2015</b> , 4, 226-38	122
1649	Prolonged Ezh2 Depletion in Glioblastoma Causes a Robust Switch in Cell Fate Resulting in Tumor Progression. <b>2015</b> , 10, 383-397	54
1648	Product binding enforces the genomic specificity of a yeast polycomb repressive complex. <b>2015</b> , 160, 204-18	96
1647	Digging deep into "dirty" drugs - modulation of the methylation machinery. <b>2015</b> , 47, 252-79	51

1646	Polycomb group protein-mediated histone modifications during cell differentiation. <b>2015</b> , 7, 75-84	23
1645	Chemical probes of histone lysine methyltransferases. <b>2015</b> , 10, 40-50	37
1644	Regulation of CD4 T-cell differentiation and inflammation by repressive histone methylation. <b>2015</b> , 93, 245-52	11
1643	The epigenetic modifier EZH2 controls melanoma growth and metastasis through silencing of distinct tumour suppressors. <b>2015</b> , 6, 6051	211
1642	Toward a consensus on the binding specificity and promiscuity of PRC2 for RNA. <b>2015</b> , 57, 552-8	156
1641	Chromatin signatures of cancer. <b>2015</b> , 29, 238-49	128
1640	Developmental control of polycomb subunit composition by GATA factors mediates a switch to non-canonical functions. <b>2015</b> , 57, 304-316	95
1639	Selective inhibitors of protein methyltransferases. <b>2015</b> , 58, 1596-629	95
1638	The methyltransferases enhancer of zeste homolog (EZH) 1 and EZH2 control hepatocyte homeostasis and regeneration. <b>2015</b> , 29, 1653-62	33
1637	The controversial role of the Polycomb group proteins in transcription and cancer: how much do we not understand Polycomb proteins?. <b>2015</b> , 282, 1703-22	38
1636	The roles and regulation of Polycomb complexes in neural development. <b>2015</b> , 359, 65-85	38
1635	CTCF establishes discrete functional chromatin domains at the Hox clusters during differentiation. <b>2015</b> , 347, 1017-21	375
1634	SUZ12 promotes gastric cancer cell proliferation and metastasis by regulating KLF2 and E-cadherin. <b>2015</b> , 36, 5341-51	36
1633	Chromosome 7 gain and DNA hypermethylation at the HOXA10 locus are associated with expression of a stem cell related HOX-signature in glioblastoma. <b>2015</b> , 16, 16	65
1632	Ectopic expression of EbFIE from apomictic <i>Eulaliopsis binata</i> in rice results in pleiotropic phenotypes likely due to interaction with OsCLF. <b>2015</b> , 234, 86-96	3
1631	Aging and DNA methylation. <b>2015</b> , 13, 7	282
1630	Chromatin methylation and cardiovascular aging. <b>2015</b> , 83, 21-31	16
1629	The polycomb group protein enhancer of zeste 2 is a novel therapeutic target for cervical cancer. <b>2015</b> , 42, 458-64	19

1628	An update on LNCipedia: a database for annotated human lncRNA sequences. <b>2015</b> , 43, D174-80	212
1627	Polycomb genes, miRNA, and their deregulation in B-cell malignancies. <b>2015</b> , 125, 1217-25	32
1626	Histone H3 Serine 28 Is Essential for Efficient Polycomb-Mediated Gene Repression in <i>Drosophila</i> . <b>2015</b> , 11, 1437-45	10
1625	Epigenetic regulation of the intestinal epithelium. <b>2015</b> , 72, 4139-56	30
1624	Evolution and Coevolution of PRC2 Genes in Vertebrates and Mammals. <b>2015</b> , 101, 125-48	3
1623	A new kinetochore component CENP-W interacts with the polycomb-group protein EZH2 to promote gene silencing. <b>2015</b> , 464, 256-62	7
1622	LncRNA HOTAIR: A master regulator of chromatin dynamics and cancer. <b>2015</b> , 1856, 151-64	231
1621	Histone profiles in cancer. <b>2015</b> , 154, 87-109	5
1620	Lncing epigenetic control of transcription to cardiovascular development and disease. <b>2015</b> , 117, 192-206	49
1619	Emerging Epigenetic Therapies—Lysine Methyltransferase/PRC Complex Inhibitors. <b>2015</b> , 427-437	1
1618	Epigenetic aberrations in acute myeloid leukemia: Early key events during leukemogenesis. <b>2015</b> , 43, 609-24	39
1617	Bmi-1: At the crossroads of physiological and pathological biology. <b>2015</b> , 2, 225-239	69
1616	Identification and Characterization of a PRDM14 Homolog in Japanese Flounder ( <i>Paralichthys olivaceus</i> ). <b>2015</b> , 16, 9097-118	4
1615	<i>Arabidopsis</i> BREVIPEDICELLUS interacts with the SWI2/SNF2 chromatin remodeling ATPase BRAHMA to regulate KNAT2 and KNAT6 expression in control of inflorescence architecture. <b>2015</b> , 11, e1005125	40
1614	Small molecule inhibitors of EZH2: the emerging translational landscape. <b>2015</b> , 7, 337-41	7
1613	The H3.3 K27M mutation results in a poorer prognosis in brainstem gliomas than thalamic gliomas in adults. <b>2015</b> , 46, 1626-32	72
1612	Cryptic RNA-binding by PRC2 components EZH2 and SUZ12. <b>2015</b> , 12, 959-65	15
1611	Sound of silence: the properties and functions of repressive Lys methyltransferases. <b>2015</b> , 16, 499-513	128

1610	SETDB1 modulates PRC2 activity at developmental genes independently of H3K9 trimethylation in mouse ES cells. <b>2015</b> , 25, 1325-35	23
1609	The never-ending story: from pluripotency to plant developmental plasticity. <b>2015</b> , 142, 2237-49	113
1608	Discovery, design, and synthesis of indole-based EZH2 inhibitors. <b>2015</b> , 25, 3644-9	35
1607	The cancer COMPASS: navigating the functions of MLL complexes in cancer. <b>2015</b> , 208, 178-91	91
1606	Targeting EZH2 and PRC2 dependence as novel anticancer therapy. <b>2015</b> , 43, 698-712	72
1605	Deciphering the Epigenetic Code of Cardiac Myocyte Transcription. <b>2015</b> , 117, 413-23	54
1604	The Arabidopsis SWI2/SNF2 chromatin Remodeler BRAHMA regulates polycomb function during vegetative development and directly activates the flowering repressor gene SVP. <b>2015</b> , 11, e1004944	65
1603	The altered fate of aging satellite cells is determined by signaling and epigenetic changes. <b>2015</b> , 6, 59	12
1602	PARTICLE, a Triplex-Forming Long ncRNA, Regulates Locus-Specific Methylation in Response to Low-Dose Irradiation. <b>2015</b> , 11, 474-85	143
1601	The Xist lncRNA interacts directly with SHARP to silence transcription through HDAC3. <i>Nature</i> , <b>2015</b> , 521, 232-6	50.4 730
1600	MicroRNA-144 suppresses tumorigenesis and tumor progression of astrocytoma by targeting EZH2. <b>2015</b> , 46, 971-80	22
1599	Constitutive heterochromatin formation and transcription in mammals. <b>2015</b> , 8, 3	276
1598	Cell-composition effects in the analysis of DNA methylation array data: a mathematical perspective. <b>2015</b> , 16, 95	68
1597	Long noncoding RNA PVT1 indicates a poor prognosis of gastric cancer and promotes cell proliferation through epigenetically regulating p15 and p16. <b>2015</b> , 14, 82	246
1596	Polycomb-mediated silencing in neuroendocrine prostate cancer. <b>2015</b> , 7, 40	70
1595	A chemical genetics approach for the functional assessment of novel cancer genes. <b>2015</b> , 75, 1949-58	66
1594	HEB associates with PRC2 and SMAD2/3 to regulate developmental fates. <b>2015</b> , 6, 6546	22
1593	Quantitative Dynamics of Chromatin Remodeling during Germ Cell Specification From Mouse Embryonic Stem Cells. <b>2015</b> , 16, 517-32	127

1592	Regulation of histone methylation and reprogramming of gene expression in the rice inflorescence meristem. <b>2015</b> , 27, 1428-44	56
1591	Next Generation Sequencing in Cancer Research, Volume 2. <b>2015</b> ,	4
1590	Regulation of histone demethylase KDM6B by hypoxia-inducible factor-2β <b>2015</b> , 47, 106-13	15
1589	Ctbp2 Modulates NuRD-Mediated Deacetylation of H3K27 and Facilitates PRC2-Mediated H3K27me3 in Active Embryonic Stem Cell Genes During Exit from Pluripotency. <b>2015</b> , 33, 2442-55	41
1588	The role of epigenomics in the neurodegeneration of ataxia-telangiectasia. <b>2015</b> , 7, 137-41	8
1587	Design, synthesis and biological evaluation of novel 1-methyl-3-oxo-2,3,5,6,7,8-hexahydroisoquinolins as potential EZH2 inhibitors. <b>2015</b> , 5, 25967-25978	9
1586	TRIMming down tumor suppressors in breast cancer. <b>2015</b> , 14, 1345-6	5
1585	Epigenetic modifications and long noncoding RNAs influence pancreas development and function. <b>2015</b> , 31, 290-9	31
1584	Gain-of-function mutation of chromatin regulators as a tumorigenic mechanism and an opportunity for therapeutic intervention. <b>2015</b> , 27, 57-63	16
1583	LncRNAs in vertebrates: advances and challenges. <b>2015</b> , 117, 3-14	29
1582	PLK1 and HOTAIR Accelerate Proteasomal Degradation of SUZ12 and ZNF198 during Hepatitis B Virus-Induced Liver Carcinogenesis. <b>2015</b> , 75, 2363-74	88
1581	Long noncoding RNAs in cardiac development and ageing. <b>2015</b> , 12, 415-25	240
1580	Progress in epigenetic histone modification analysis by mass spectrometry for clinical investigations. <b>2015</b> , 12, 499-517	42
1579	Long noncoding RNAs in cancer: from function to translation. <b>2015</b> , 1, 93-109	179
1578	Targeting cancer epigenetics: Linking basic biology to clinical medicine. <b>2015</b> , 95, 56-64	31
1577	A chromatin-independent role of Polycomb-like 1 to stabilize p53 and promote cellular quiescence. <b>2015</b> , 29, 2231-43	25
1576	BEND3 mediates transcriptional repression and heterochromatin organization. <b>2015</b> , 6, 102-5	6
1575	Regulation of tumor cell plasticity by the androgen receptor in prostate cancer. <b>2015</b> , 22, R165-82	39

1574	Targeting epigenetic regulations in cancer. <b>2016</b> , 48, 97-109	41
1573	Polycomb group proteins--epigenetic repressors with emerging roles in melanocytes and melanoma. <b>2015</b> , 28, 330-9	5
1572	Clinical and prognostic relevance of EZH2 in breast cancer: A meta-analysis. <b>2015</b> , 75, 218-25	25
1571	Cancer-associated ASXL1 mutations may act as gain-of-function mutations of the ASXL1-BAP1 complex. <b>2015</b> , 6, 7307	119
1570	Structural basis of histone H3K27 trimethylation by an active polycomb repressive complex 2. <b>2015</b> , 350, aac4383	263
1569	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. <b>2015</b> , 35, 3841-53	15
1568	Epigenetic Control of the Bone-master Runx2 Gene during Osteoblast-lineage Commitment by the Histone Demethylase JARID1B/KDM5B. <b>2015</b> , 290, 28329-28342	52
1567	Kabuki syndrome genes KMT2D and KDM6A: functional analyses demonstrate critical roles in craniofacial, heart and brain development. <b>2015</b> , 24, 4443-53	96
1566	Transcriptomic Features of Bovine Blastocysts Derived by Somatic Cell Nuclear Transfer. <b>2015</b> , 5, 2527-38	14
1565	A Scalable Genome-Editing-Based Approach for Mapping Multiprotein Complexes in Human Cells. <b>2015</b> , 13, 621-633	58
1564	Novel candidate genes for alcoholism--transcriptomic analysis of prefrontal medial cortex, hippocampus and nucleus accumbens of Warsaw alcohol-preferring and non-preferring rats. <b>2015</b> , 139, 27-38	8
1563	Dynamics of H3K27me3 methylation and demethylation in plant development. <b>2015</b> , 10, e1027851	24
1562	Histone Recognition by WD40 Proteins. <b>2015</b> , 83-100	1
1561	Synovial sarcoma is a gateway to the role of chromatin remodeling in cancer. <b>2015</b> , 34, 417-28	11
1560	HDAC inhibition through valproic acid modulates the methylation profiles in human embryonic kidney cells. <b>2015</b> , 33, 1185-97	20
1559	Host Gene Expression Is Regulated by Two Types of Noncoding RNAs Transcribed from the Epstein-Barr Virus BamHI A Rightward Transcript Region. <b>2015</b> , 89, 11256-68	47
1558	Deregulation of histone-modifying enzymes and chromatin structure modifiers contributes to glioma development. <b>2015</b> , 11, 2587-601	13
1557	PRC2 Is Required to Maintain Expression of the Maternal Gtl2-Rian-Mirg Locus by Preventing De Novo DNA Methylation in Mouse Embryonic Stem Cells. <b>2015</b> , 12, 1456-70	46



1556	Histone H3 Lysine 27 demethylases Jmjd3 and Utx are required for T-cell differentiation. <b>2015</b> , 6, 8152	75
1555	Inhibitors of emerging epigenetic targets for cancer therapy: a patent review (2010-2014). <b>2015</b> , 4, 261-84	34
1554	Epigenetic gene regulation and stem cell function. <b>2015</b> , 149-181	
1553	Functional coupling between writers, erasers and readers of histone and DNA methylation. <b>2015</b> , 35, 68-75	93
1552	Functional Crosstalk Between Lysine Methyltransferases on Histone Substrates: The Case of G9A/GLP and Polycomb Repressive Complex 2. <b>2015</b> , 22, 1365-81	22
1551	Polycomb repression in the regulation of growth and development in Arabidopsis. <b>2015</b> , 23, 15-24	103
1550	EZH2: a potential new target in T-cell lymphoma?. <b>2015</b> , 56, 1924-5	4
1549	Epigenetic Mechanisms in Cellular Reprogramming. <b>2015</b> ,	2
1548	The role of mutations in epigenetic regulators in myeloid malignancies. <b>2015</b> , 263, 22-35	40
1547	Altered global histone-trimethylation code and H3F3A-ATRX mutation in pediatric GBM. <b>2015</b> , 121, 489-97	34
1546	Epigenetic programming of hypoxic-ischemic encephalopathy in response to fetal hypoxia. <b>2015</b> , 124, 28-48	33
1545	Building the Connectivity Map of epigenetics: chromatin profiling by quantitative targeted mass spectrometry. <b>2015</b> , 72, 57-64	40
1544	The role of polycomb repressive complexes in biliary tract cancer. <b>2015</b> , 19, 363-75	14
1543	The molecular basis and clinical significance of genetic mutations identified in myelodysplastic syndromes. <b>2015</b> , 39, 6-17	36
1542	The nucleosome remodeling and deacetylase complex in development and disease. <b>2015</b> , 165, 36-47	88
1541	EZH2 modulates angiogenesis in vitro and in a mouse model of limb ischemia. <b>2015</b> , 23, 32-42	39
1540	Histones: at the crossroads of peptide and protein chemistry. <b>2015</b> , 115, 2296-349	155
1539	Polycomb protein EED is required for silencing of pluripotency genes upon ESC differentiation. <b>2015</b> , 11, 50-61	22

1538	Oncogenic Y641 mutations in EZH2 prevent Jak2/ETrCP-mediated degradation. <b>2015</b> , 34, 445-54	63
1537	Epigenetic regulation of open chromatin in pluripotent stem cells. <b>2015</b> , 165, 18-27	15
1536	Role of RbBP5 and H3K4me3 in the vicinity of Snail transcription start site during epithelial-mesenchymal transition in prostate cancer cell. <b>2016</b> , 7, 65553-65567	12
1535	MALAT1 long ncRNA promotes gastric cancer metastasis by suppressing PCDH10. <b>2016</b> , 7, 12693-703	84
1534	Targeting Enhancer of Zeste Homolog 2 as a promising strategy for cancer treatment. <b>2016</b> , 7, 135-48	19
1533	The Histone Code and Disease: Posttranslational Modifications as Potential Prognostic Factors for Clinical Diagnosis. <b>2016</b> , 417-445	1
1532	The interplay of post-translational modification and gene therapy. <b>2016</b> , 10, 861-71	4
1531	Histone Posttranslational Modifications in Breast Cancer and Their Use in Clinical Diagnosis and Prognosis. <b>2016</b> , 467-477	
1530	Basic Epigenetic Mechanisms and Phenomena. <b>2016</b> , 3-40	
1529	Histone Methylation Modifiers in Medical Therapeutics. <b>2016</b> , 705-729	1
1528	Crosstalk Between Histone Modifications Integrates Various Signaling Inputs to Fine-Tune Transcriptional Output. <b>2016</b> , 217-239	
1527	Molecular mechanisms of long noncoding RNAs on gastric cancer. <b>2016</b> , 7, 8601-12	226
1526	Chromatin Dynamics and Epigenetics of Stem Cells and Stem-Like Cancer Cells. <b>2016</b> , 311-327	
1525	Hypoxia-Inducible Histone Lysine Demethylases: Impact on the Aging Process and Age-Related Diseases. <b>2016</b> , 7, 180-200	47
1524	High EZH2 Protein Expression Is Associated with Poor Overall Survival in Patients with Luminal A Breast Cancer. <b>2016</b> , 19, 53-60	28
1523	EZH2 in normal hematopoiesis and hematological malignancies. <b>2016</b> , 7, 2284-96	56
1522	In silico analysis of histone H3 gene expression during human brain development. <b>2016</b> , 60, 167-73	5
1521	DNA Methylation and Chromatin Remodeling: The Blueprint of Cancer Epigenetics. <b>2016</b> , 2016, 6072357	19

1520	Effects of Wutou Decoction on DNA Methylation and Histone Modifications in Rats with Collagen-Induced Arthritis. <b>2016</b> , 2016, 5836879	5
1519	Live-cell single-molecule tracking reveals co-recognition of H3K27me3 and DNA targets polycomb Cbx7-PRC1 to chromatin. <b>2016</b> , 5,	67
1518	Epigenetic Research of Neurodegenerative Disorders Using Patient iPSC-Based Models. <b>2016</b> , 2016, 9464591	12
1517	An epigenetic switch ensures transposon repression upon dynamic loss of DNA methylation in embryonic stem cells. <b>2016</b> , 5,	149
1516	RYBP stimulates PRC1 to shape chromatin-based communication between Polycomb repressive complexes. <b>2016</b> , 5,	64
1515	Regulation of T Cell Differentiation and Function by EZH2. <b>2016</b> , 7, 172	42
1514	Reorganisation of Hoxd regulatory landscapes during the evolution of a snake-like body plan. <b>2016</b> , 5,	22
1513	BMI1: A Biomarker of Hematologic Malignancies. <b>2016</b> , 8, 65-75	25
1512	The Arginine Methyltransferase PRMT6 Cooperates with Polycomb Proteins in Regulating HOXA Gene Expression. <b>2016</b> , 11, e0148892	16
1511	LATS2 Positively Regulates Polycomb Repressive Complex 2. <b>2016</b> , 11, e0158562	6
1510	Role of Hepatic-Specific Transcription Factors and Polycomb Repressive Complex 2 during Induction of Fibroblasts to Hepatic Fate. <b>2016</b> , 11, e0167081	3
1509	Impacts of Histone Lysine Methylation on Chromatin. <b>2016</b> , 25-53	
1508	Transcription factors AS1 and AS2 interact with LHP1 to repress KNOX genes in Arabidopsis. <b>2016</b> , 58, 959-970	31
1507	Mechanical regulation of transcription controls Polycomb-mediated gene silencing during lineage commitment. <b>2016</b> , 18, 864-75	241
1506	Loss of Ezh2 synergizes with JAK2-V617F in initiating myeloproliferative neoplasms and promoting myelofibrosis. <b>2016</b> , 213, 1479-96	76
1505	Epigenetic regulation of epithelial-mesenchymal transition. <b>2016</b> , 73, 4493-4515	73
1504	Discovery and Development of Small Molecules Targeting Epigenetic Enzymes with Computational Methods. <b>2016</b> , 75-112	2
1503	Down-regulation of MicroRNA-31 in CD4+ T Cells Contributes to Immunosuppression in Human Sepsis by Promoting TH2 Skewing. <b>2016</b> , 124, 908-22	29

1502	Alternation of generations - unravelling the underlying molecular mechanism of a 165-year-old botanical observation. <b>2016</b> , 18, 549-51	13
1501	Reader interactome of epigenetic histone marks in birds. <b>2016</b> , 16, 427-36	21
1500	New method for synthesis of EZH2 methyltransferase inhibitor GSK126. <b>2016</b> , 46, 1215-1222	
1499	DNMT1 is a required genomic regulator for murine liver histogenesis and regeneration. <b>2016</b> , 64, 582-98	30
1498	Cytomegalovirus latency and reactivation: recent insights into an age old problem. <b>2016</b> , 26, 75-89	94
1497	Sensitivity and engineered resistance of myeloid leukemia cells to BRD9 inhibition. <b>2016</b> , 12, 672-9	102
1496	Maintenance of the functional integrity of mouse hematopoiesis by EED and promotion of leukemogenesis by EED haploinsufficiency. <b>2016</b> , 6, 29454	7
1495	Protein kinase Msk1 physically and functionally interacts with the KMT2A/MLL1 methyltransferase complex and contributes to the regulation of multiple target genes. <b>2016</b> , 9, 52	20
1494	Transition of differential histone H3 methylation in photoreceptors and other retinal cells during retinal differentiation. <b>2016</b> , 6, 29264	23
1493	Epigenetics in liver disease: from biology to therapeutics. <b>2016</b> , 65, 1895-1905	93
1492	G9a and ZNF644 Physically Associate to Suppress Progenitor Gene Expression during Neurogenesis. <b>2016</b> , 7, 454-470	15
1491	Deletion of the Polycomb-Group Protein EZH2 Leads to Compromised Self-Renewal and Differentiation Defects in Human Embryonic Stem Cells. <b>2016</b> , 17, 2700-2714	73
1490	The Maternal Effect Genes UTX and JMJD3 Play Contrasting Roles in Mus musculus Preimplantation Embryo Development. <b>2016</b> , 6, 26711	11
1489	Comment on "Structural basis of histone H3K27 trimethylation by an active polycomb repressive complex 2". <b>2016</b> , 354, 1543	4
1488	LncRNA MALAT1 promotes development of mantle cell lymphoma by associating with EZH2. <b>2016</b> , 14, 346	59
1487	Destabilization of B2 RNA by EZH2 Activates the Stress Response. <b>2016</b> , 167, 1788-1802.e13	46
1486	Protein/DNA interactions in complex DNA topologies: expect the unexpected. <b>2016</b> , 8, 145-155	7
1485	Polycomb dysregulation in gliomagenesis targets a Zfp423-dependent differentiation network. <b>2016</b> , 7, 10753	16

1484	EZH2 orchestrates apicobasal polarity and neuroepithelial cell renewal. <b>2016</b> , 3, e1250034	7
1483	Mechanistic insight into the aberrant silencing of the keratin 13 gene in oral squamous cell carcinoma cells. <b>2016</b> , 58, 45-49	0
1482	Long noncoding RNA H19 regulates EZH2 expression by interacting with miR-630 and promotes cell invasion in nasopharyngeal carcinoma. <b>2016</b> , 473, 913-919	65
1481	The Dynamic Regulatory Genome of Capsaspora and the Origin of Animal Multicellularity. <b>2016</b> , 165, 1224-1237	92
1480	Polycomb PRC2 complex mediates epigenetic silencing of a critical osteogenic master regulator in the hippocampus. <b>2016</b> , 1859, 1043-55	12
1479	The epigenetic regulation of embryonic myogenesis and adult muscle regeneration by histone methylation modification. <b>2016</b> , 6, 209-219	32
1478	Identification of novel EZH2 inhibitors through pharmacophore-based virtual screening and biological assays. <b>2016</b> , 26, 3813-7	13
1477	Biological function and regulation of histone and non-histone lysine methylation in response to DNA damage. <b>2016</b> , 48, 603-16	30
1476	Cutting Edge: EZH2 Promotes Osteoclastogenesis by Epigenetic Silencing of the Negative Regulator IRF8. <b>2016</b> , 196, 4452-4456	44
1475	Hematopoiesis during development, aging, and disease. <b>2016</b> , 44, 689-95	4
1474	Role of the EZH2 histone methyltransferase as a therapeutic target in cancer. <b>2016</b> , 165, 26-31	38
1473	Acquired Tissue-Specific Promoter Bivalency Is a Basis for PRC2 Necessity in Adult Cells. <b>2016</b> , 165, 1389-1400	73
1472	Role of Long Noncoding RNAs in Neoplasia: Special Emphasis on Prostate Cancer. <b>2016</b> , 324, 229-54	20
1471	Molecular Cytogenetic Analysis of JAZF1, PHF1, and YWHAE in Endometrial Stromal Tumors: Discovery of Genetic Complexity by Fluorescence in Situ Hybridization. <b>2016</b> , 18, 516-26	18
1470	Epigenetic Advancements in Cancer. <b>2016</b> ,	1
1469	Beyond transcription factors: how oncogenic signalling reshapes the epigenetic landscape. <b>2016</b> , 16, 359-72	78
1468	Nucleoplasmic Lamin A/C and Polycomb group of proteins: An evolutionarily conserved interplay. <b>2016</b> , 7, 103-11	25
1467	Enhancer-promoter interactions are encoded by complex genomic signatures on looping chromatin. <b>2016</b> , 48, 488-96	229

1466	Nutrigenomic regulation of adipose tissue development - role of retinoic acid: A review. <b>2016</b> , 120, 100-106	42
1465	Exploiting the Epigenome to Control Cancer-Promoting Gene-Expression Programs. <b>2016</b> , 29, 464-476	99
1464	The Properties of Long Noncoding RNAs That Regulate Chromatin. <b>2016</b> , 17, 69-94	61
1463	Role of EZH2 histone methyltransferase in melanoma progression and metastasis. <b>2016</b> , 17, 579-91	26
1462	Targeted resequencing of regulatory regions at schizophrenia risk loci: Role of rare functional variants at chromatin repressive states. <b>2016</b> , 174, 10-16	6
1461	An RNA matchmaker protein regulates the activity of the long noncoding RNA HOTAIR. <b>2016</b> , 22, 995-1010	37
1460	Epigenetic Post transcriptional Mutation in Neuro-Oncology. <b>2016</b> , 177-205	1
1459	Mechanisms and Disease Associations of Haplotype-Dependent Allele-Specific DNA Methylation. <b>2016</b> , 98, 934-955	73
1458	Inactivation of Geminin in neural crest cells affects the generation and maintenance of enteric progenitor cells, leading to enteric aganglionosis. <b>2016</b> , 409, 392-405	8
1457	The interaction of PRC2 with RNA or chromatin is mutually antagonistic. <b>2016</b> , 26, 896-907	136
1456	The EZH1-SUZ12 complex positively regulates the transcription of NF- $\kappa$ B target genes through interaction with UXT. <b>2016</b> , 129, 2343-53	24
1455	REF6 recognizes a specific DNA sequence to demethylate H3K27me3 and regulate organ boundary formation in Arabidopsis. <b>2016</b> , 48, 694-9	96
1454	Expression of ANRIL-Polycomb Complexes-CDKN2A/B/ARF Genes in Breast Tumors: Identification of a Two-Gene (EZH2/CBX7) Signature with Independent Prognostic Value. <b>2016</b> , 14, 623-33	72
1453	Murine and Human Spermatids Are Characterized by Numerous, Newly Synthesized and Differentially Expressed Transcription Factors and Bromodomain-Containing Proteins. <b>2016</b> , 95, 4	7
1452	Diverse regulatory interactions of long noncoding RNAs. <b>2016</b> , 36, 73-82	20
1451	Emerging roles for Polycomb proteins in cancer. <b>2016</b> , 36, 50-8	58
1450	MicroRNAs of the miR-290-295 Family Maintain Bivalency in Mouse Embryonic Stem Cells. <b>2016</b> , 6, 635-642	16
1449	Zebrafish Discoveries in Cancer Epigenetics. <b>2016</b> , 916, 169-97	10

1448	Targeting histone methyltransferases and demethylases in clinical trials for cancer therapy. <b>2016</b> , 8, 57	256
1447	Polycomb and trithorax opposition in development and disease. <b>2016</b> , 5, 659-688	26
1446	Prediction of protein-RNA interactions using sequence and structure descriptors. <b>2016</b> , 206, 28-34	9
1445	Preparation, Biochemical Analysis, and Structure Determination of SET Domain Histone Methyltransferases. <b>2016</b> , 573, 209-40	5
1444	Mapping the Function of Polycomb Proteins. <b>2016</b> , 1480, 3-6	
1443	Life and death rest on a bivalent chromatin state. <b>2016</b> , 19, 1271-3	4
1442	Epigenetics of hematopoiesis and hematological malignancies. <b>2016</b> , 30, 2021-2041	79
1441	A High-Density Map for Navigating the Human Polycomb Complexome. <b>2016</b> , 17, 583-595	147
1440	Control of Paneth Cell Fate, Intestinal Inflammation, and Tumorigenesis by PKC $\delta$ . <b>2016</b> , 16, 3297-3310	35
1439	Maintaining cell identity: PRC2-mediated regulation of transcription and cancer. <b>2016</b> , 16, 803-810	251
1438	ChIP-seq Data Processing for PcG Proteins and Associated Histone Modifications. <b>2016</b> , 1480, 37-53	1
1437	Emerging concepts of epigenetic dysregulation in hematological malignancies. <b>2016</b> , 17, 1016-24	63
1436	Design and Synthesis of Pyridone-Containing 3,4-Dihydroisoquinoline-1(2H)-ones as a Novel Class of Enhancer of Zeste Homolog 2 (EZH2) Inhibitors. <b>2016</b> , 59, 8306-25	31
1435	Structure-Activity Relationship Studies for Enhancer of Zeste Homologue 2 (EZH2) and Enhancer of Zeste Homologue 1 (EZH1) Inhibitors. <b>2016</b> , 59, 7617-33	23
1434	Epigenetics in Intestinal Epithelial Cell Renewal. <b>2016</b> , 231, 2361-7	23
1433	Epigenetic-Imprinting Changes Caused by Neonatal Fasting Stress Protect From Future Fasting Stress. <b>2016</b> , 28,	8
1432	DNA-PK-mediated phosphorylation of EZH2 regulates the DNA damage-induced apoptosis to maintain T-cell genomic integrity. <b>2016</b> , 7, e2316	12
1431	Protein/DNA interactions in complex DNA topologies: expect the unexpected. <b>2016</b> , 8, 233-243	20

1430	Polycomb repressive complex 2 (PRC2) silences genes responsible for neurodegeneration. <b>2016</b> , 19, 1321-30	108
1429	Cell lineage determinants as regulators of breast cancer metastasis. <b>2016</b> , 35, 631-644	4
1428	EZH2 mediates lidamycin-induced cellular senescence through regulating p21 expression in human colon cancer cells. <b>2016</b> , 7, e2486	13
1427	Aging Triggers a Repressive Chromatin State at Bdnf Promoters in Hippocampal Neurons. <b>2016</b> , 16, 2889-2900	31
1426	Resetting Epigenetic Memory by Reprogramming of Histone Modifications in Mammals. <b>2016</b> , 63, 1066-79	194
1425	Dynamic Protein Interactions of the Polycomb Repressive Complex 2 during Differentiation of Pluripotent Cells. <b>2016</b> , 15, 3450-3460	35
1424	Epigenetic Reprogramming Sensitizes CML Stem Cells to Combined EZH2 and Tyrosine Kinase Inhibition. <b>2016</b> , 6, 1248-1257	82
1423	Transcriptional Regulation of Arabidopsis Polycomb Repressive Complex 2 Coordinates Cell-Type Proliferation and Differentiation. <b>2016</b> , 28, 2616-2631	42
1422	IFN- $\gamma$ Induces Histone 3 Lysine 27 Trimethylation in a Small Subset of Promoters to Stably Silence Gene Expression in Human Macrophages. <b>2016</b> , 16, 3121-3129	50
1421	MLL3/MLL4/COMPASS Family on Epigenetic Regulation of Enhancer Function and Cancer. <b>2016</b> , 6,	77
1420	Polycomb-dependent epigenetic landscape in adult T-cell leukemia. <b>2016</b> , 127, 1790-802	87
1419	Loss of Ezh2 cooperates with Jak2V617F in the development of myelofibrosis in a mouse model of myeloproliferative neoplasm. <b>2016</b> , 127, 3410-23	64
1418	H3K4 acetylation, H3K9 acetylation and H3K27 methylation in breast tumor molecular subtypes. <b>2016</b> , 8, 909-24	23
1417	Preparation and Analysis of Native Chromatin-Modifying Complexes. <b>2016</b> , 573, 303-18	11
1416	An Evolutionary Conserved Epigenetic Mark of Polycomb Response Elements Implemented by Trx/MLL/COMPASS. <b>2016</b> , 63, 318-328	41
1415	Locus- and cell type-specific epigenetic switching during cellular differentiation in mammals. <b>2016</b> , 11, 311-322	3
1414	Identification of (R)-N-((4-Methoxy-6-methyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-2-methyl-1-(1-(1-(2,2,2-trifluoroethyl)piperidin-4-yl)ethyl)ethanamine (CPI-1205), a Potent and Selective Inhibitor of Histone Methyltransferase EZH2, Suitable for Phase I Clinical Trials for B-Cell Lymphomas. <b>2016</b> , 59, 9928-9941	130
1413	Navigating Transcriptional Coregulator Ensembles to Establish Genetic Networks: A GATA Factor Perspective. <b>2016</b> , 118, 205-44	15



1412	CBX4 Suppresses Metastasis via Recruitment of HDAC3 to the Runx2 Promoter in Colorectal Carcinoma. <b>2016</b> , 76, 7277-7289	53
1411	Methylation status of homeobox genes in common human cancers. <b>2016</b> , 108, 185-193	24
1410	Prognostic Significance of EZH2 Expression in Non-Small Cell Lung Cancer: A Meta-analysis. <b>2016</b> , 6, 19239	32
1409	Integrating Epigenomic Elements and GWASs Identifies BDNF Gene Affecting Bone Mineral Density and Osteoporotic Fracture Risk. <b>2016</b> , 6, 30558	23
1408	Roles of H3K27me2 and H3K27me3 Examined during Fate Specification of Embryonic Stem Cells. <b>2016</b> , 17, 1369-1382	39
1407	Differential expression of lncRNAs during the HIV replication cycle: an underestimated layer in the HIV-host interplay. <b>2016</b> , 6, 36111	20
1406	Polycomb Group Protein Pcgf6 Acts as a Master Regulator to Maintain Embryonic Stem Cell Identity. <b>2016</b> , 6, 26899	18
1405	Cbx7 is epigenetically silenced in glioblastoma and inhibits cell migration by targeting YAP/TAZ-dependent transcription. <b>2016</b> , 6, 27753	21
1404	Structural basis of oncogenic histone H3K27M inhibition of human polycomb repressive complex 2. <b>2016</b> , 7, 11316	245
1403	Polycomb repressive complex 2 structure with inhibitor reveals a mechanism of activation and drug resistance. <b>2016</b> , 7, 11384	109
1402	Interplay Between Inflammation and Epigenetic Changes in Cancer. <b>2016</b> , 144, 69-117	26
1401	Postnatal onset of retinal degeneration by loss of embryonic Ezh2 repression of Six1. <b>2016</b> , 6, 33887	19
1400	SENPA1 Is a Crucial Regulator for Cell Senescence through DeSUMOylation of Bmi1. <b>2016</b> , 6, 34099	2
1399	Enhancer of Zeste Homolog 2 Inhibition Stimulates Bone Formation and Mitigates Bone Loss Caused by Ovariectomy in Skeletally Mature Mice. <b>2016</b> , 291, 24594-24606	56
1398	Selective inhibition of EZH2 by ZLD1039 blocks H3K27 methylation and leads to potent anti-tumor activity in breast cancer. <b>2016</b> , 6, 20864	32
1397	Polycomb-group protein SlMSI1 represses the expression of fruit-ripening genes to prolong shelf life in tomato. <b>2016</b> , 6, 31806	17
1396	Polycomb repressive complex 1 controls uterine decidualization. <b>2016</b> , 6, 26061	12
1395	High EZH2 expression is correlated to metastatic disease in pediatric soft tissue sarcomas. <b>2016</b> , 16, 59	9

1394	Chemical Tools for Dissecting the Role of lncRNAs in Epigenetic Regulation. <b>2016</b> , 11, 2091-100	4
1393	Quiescence Loosens Epigenetic Constraints in Bovine Somatic Cells and Improves Their Reprogramming into Totipotency. <b>2016</b> , 95, 16	13
1392	Polycomb repressive complex's evolutionary conserved function: the role of EZH2 status and cellular background. <b>2016</b> , 8, 55	54
1391	Uveal melanoma cells are resistant to EZH2 inhibition regardless of BAP1 status. <b>2016</b> , 22, 577-8	45
1390	Radiobiology of Glioblastoma. <b>2016</b> ,	2
1389	The molecular hallmarks of epigenetic control. <b>2016</b> , 17, 487-500	1256
1388	Loss of H3K27me3 Expression Is a Highly Sensitive Marker for Sporadic and Radiation-induced MPNST. <b>2016</b> , 40, 479-89	171
1387	EpCAM-regulated intramembrane proteolysis induces a cancer stem cell-like gene signature in hepatitis B virus-infected hepatocytes. <b>2016</b> , 65, 888-898	42
1386	Selective inhibition of EZH2 by ZLD10A blocks H3K27 methylation and kills mutant lymphoma cells proliferation. <b>2016</b> , 81, 288-294	13
1385	Epigenetic balance of gene expression by Polycomb and COMPASS families. <b>2016</b> , 352, aad9780	258
1384	A plausible role for actin gamma smooth muscle 2 (ACTG2) in small intestinal neuroendocrine tumorigenesis. <b>2016</b> , 16, 19	9
1383	Systems Level Analysis of Histone H3 Post-translational Modifications (PTMs) Reveals Features of PTM Crosstalk in Chromatin Regulation. <b>2016</b> , 15, 2715-29	53
1382	Oncogenic Deregulation of EZH2 as an Opportunity for Targeted Therapy in Lung Cancer. <b>2016</b> , 6, 1006-21	71
1381	Enhancer of Zeste Homology 2 (Ezh2), an Epigenetic Regulator: A Possibility for Prostate Cancer Treatment. <b>2016</b> , 229-244	
1380	Genetic and Epigenetic Determinants in Tumor Initiation and Progression of Glioblastoma. <b>2016</b> , 177-187	
1379	Invited Review: Polycomb group genes in the regeneration of the healthy and pathological skeletal muscle. <b>2016</b> , 42, 407-22	4
1378	Mutations and deletions of PRC2 in prostate cancer. <b>2016</b> , 38, 446-54	15
1377	Understanding the Complexity of Epigenetic Target Space. <b>2016</b> , 59, 1299-307	25

1376	Multifunctional role of the transcription factor Blimp-1 in coordinating plasma cell differentiation. <b>2016</b> , 17, 331-43	193
1375	Pleiotropic Functions of H3K27Me3 Demethylases in Immune Cell Differentiation. <b>2016</b> , 37, 102-113	25
1374	Molecular regulation of phenology in trees-because the seasons they are a-changin'. <b>2016</b> , 29, 73-9	47
1373	Quantitative Profiling of the Activity of Protein Lysine Methyltransferase SMYD2 Using SILAC-Based Proteomics. <b>2016</b> , 15, 892-905	57
1372	Acute myeloid leukemia requires Hhex to enable PRC2-mediated epigenetic repression of Cdkn2a. <b>2016</b> , 30, 78-91	20
1371	Role of Histone-Modifying Enzymes and Their Complexes in Regulation of Chromatin Biology. <b>2016</b> , 55, 1584-99	60
1370	Mutations in epigenetic modifiers in acute myeloid leukemia and their clinical utility. <b>2016</b> , 9, 447-69	9
1369	Patho-Epigenetics of Infectious Disease. <b>2016</b> ,	7
1368	Aberrant overexpression of EZH2 and H3K27me3 serves as poor prognostic biomarker for esophageal squamous cell carcinoma patients. <b>2016</b> , 21, 80-90	33
1367	Quantitative Histone Mass Spectrometry Identifies Elevated Histone H3 Lysine 27 (Lys27) Trimethylation in Melanoma. <b>2016</b> , 15, 765-75	17
1366	Epigenetic Regulation. <b>2016</b> , 879, 1-25	18
1365	Regulation of Skeletal Muscle Stem Cell Quiescence by Suv4-20h1-Dependent Facultative Heterochromatin Formation. <b>2016</b> , 18, 229-42	93
1364	Functional roles of enhancer of zeste homolog 2 in gliomas. <b>2016</b> , 576, 189-94	23
1363	H3K9me3-Dependent Heterochromatin: Barrier to Cell Fate Changes. <b>2016</b> , 32, 29-41	261
1362	Dissecting the Roles of Polycomb Repressive Complex 2 Subunits in the Control of Skin Development. <b>2016</b> , 136, 1647-1655	41
1361	Enhancer of zeste homolog 2 (EZH2) expression in bladder cancer. <b>2016</b> , 34, 258.e1-6	10
1360	RING1A and BMI1 bookmark active genes via ubiquitination of chromatin-associated proteins. <b>2016</b> , 44, 2136-44	16
1359	Inhibitors of DNA Methylation, Histone Deacetylation, and Histone Demethylation: A Perfect Combination for Cancer Therapy. <b>2016</b> , 130, 55-111	54

1358	Antisense non-coding RNAs and regulation of gene transcription. <b>2016</b> , 7, 39-43	10
1357	A positive role for polycomb in transcriptional regulation via H4K20me1. <b>2016</b> , 26, 529-42	12
1356	Prognostic significance of EZH2 expression in patients with oesophageal cancer: a meta-analysis. <b>2016</b> , 20, 836-41	4
1355	Dynamics of epigenetic regulation at the single-cell level. <b>2016</b> , 351, 720-4	249
1354	PRC2 and SWI/SNF Chromatin Remodeling Complexes in Health and Disease. <b>2016</b> , 55, 1600-14	76
1353	Diagnostic and Therapeutic Implications of Histone Epigenetic Modulators in Breast Cancer. <b>2016</b> , 16, 541-51	3
1352	Clinical Applications of Epigenomics. <b>2016</b> , 271-295	0
1351	Epigenetic regulation of E-cadherin expression by the histone demethylase UTX in colon cancer cells. <b>2016</b> , 33, 21	22
1350	DNA methylation status defines clinicopathological parameters including survival for patients with clear cell renal cell carcinoma (ccRCC). <b>2016</b> , 37, 10219-28	12
1349	miR-214 protects erythroid cells against oxidative stress by targeting ATF4 and EZH2. <b>2016</b> , 92, 39-49	39
1348	Targeting EZH2 in cancer. <b>2016</b> , 22, 128-34	802
1347	BCOR regulates myeloid cell proliferation and differentiation. <b>2016</b> , 30, 1155-65	56
1346	Polycomb and lung cancer: When the dosage makes the (kind of) poison. <b>2016</b> , 3, e1152345	1
1345	Epigenetic regulators: Polycomb-miRNA circuits in cancer. <b>2016</b> , 1859, 697-704	10
1344	An interactive environment for agile analysis and visualization of ChIP-sequencing data. <b>2016</b> , 23, 349-57	136
1343	New Strategies in Myeloproliferative Neoplasms: The Evolving Genetic and Therapeutic Landscape. <b>2016</b> , 22, 1037-47	10
1342	Structure-Guided Discovery of Selective Antagonists for the Chromodomain of Polycomb Repressive Protein CBX7. <b>2016</b> , 7, 601-5	44
1341	Complementary Activities of TELOMERE REPEAT BINDING Proteins and Polycomb Group Complexes in Transcriptional Regulation of Target Genes. <b>2016</b> , 28, 87-101	46

1340	Hsp90 as a "Chaperone" of the Epigenome: Insights and Opportunities for Cancer Therapy. <b>2016</b> , 129, 107-40	19
1339	Polycomb Repressive Complex 2 Is a Barrier to KRAS-Driven Inflammation and Epithelial-Mesenchymal Transition in Non-Small-Cell Lung Cancer. <b>2016</b> , 29, 17-31	70
1338	MDM2 Associates with Polycomb Repressor Complex 2 and Enhances Stemness-Promoting Chromatin Modifications Independent of p53. <b>2016</b> , 61, 68-83	67
1337	Enhancer of Zeste Homolog 2 Inhibition Attenuates Renal Fibrosis by Maintaining Smad7 and Phosphatase and Tensin Homolog Expression. <b>2016</b> , 27, 2092-108	106
1336	The histone H2A deubiquitinase Usp16 regulates hematopoiesis and hematopoietic stem cell function. <b>2016</b> , 113, E51-60	47
1335	Sex-specific silencing of X-linked genes by Xist RNA. <b>2016</b> , 113, E309-18	22
1334	Linking Cancer Metabolism to DNA Repair and Accelerated Senescence. <b>2016</b> , 14, 173-84	35
1333	PRC2 Epigenetically Silences Th1-Type Chemokines to Suppress Effector T-Cell Trafficking in Colon Cancer. <b>2016</b> , 76, 275-82	148
1332	Epigenetic silencing of p21 by long non-coding RNA HOTAIR is involved in the cell cycle disorder induced by cigarette smoke extract. <b>2016</b> , 240, 60-7	28
1331	The quest for mammalian Polycomb response elements: are we there yet?. <b>2016</b> , 125, 471-96	65
1330	Mutation spectra of histone methyltransferases with canonical SET domains and EZH2-targeted therapy. <b>2016</b> , 8, 285-305	21
1329	The making of a Barr body: the mosaic of factors that eXIST on the mammalian inactive X chromosome. <b>2016</b> , 94, 56-70	15
1328	Signaling Control of Differentiation of Embryonic Stem Cells toward Mesendoderm. <b>2016</b> , 428, 1409-22	36
1327	The role of long non-coding RNAs in hepatitis B virus-related hepatocellular carcinoma. <b>2016</b> , 212, 103-13	33
1326	Development of secondary mutations in wild-type and mutant EZH2 alleles cooperates to confer resistance to EZH2 inhibitors. <b>2016</b> , 35, 558-66	99
1325	Hepatitis B virus X protein induces EpCAM expression via active DNA demethylation directed by RelA in complex with EZH2 and TET2. <b>2016</b> , 35, 715-26	37
1324	Methylation of the Tumor Suppressor Genes HIC1 and RassF1A Clusters Independently From the Methylation of Polycomb Target Genes in Colon Cancer. <b>2017</b> , 24, 578-585	5
1323	Conservation and diversification of polycomb repressive complex 2 (PRC2) proteins in the green lineage. <b>2017</b> , 16, 106-119	14

1322	-Linked -Acetylglucosamine (-GlcNAc) Expression Levels Epigenetically Regulate Colon Cancer Tumorigenesis by Affecting the Cancer Stem Cell Compartment via Modulating Expression of Transcriptional Factor. <b>2017</b> , 292, 4123-4137	32
1321	TRIM28 interacts with EZH2 and SWI/SNF to activate genes that promote mammosphere formation. <b>2017</b> , 36, 2991-3001	31
1320	A late-lineage murine neutrophil precursor population exhibits dynamic changes during demand-adapted granulopoiesis. <b>2017</b> , 7, 39804	38
1319	Long non-coding RNA TUG1 is involved in cell growth and chemoresistance of small cell lung cancer by regulating LIMK2b via EZH2. <b>2017</b> , 16, 5	154
1318	The EED protein-protein interaction inhibitor A-395 inactivates the PRC2 complex. <b>2017</b> , 13, 389-395	139
1317	Chromatin biology: Breaking into the PRC2 cage. <b>2017</b> , 13, 345-346	2
1316	The PRC2-binding long non-coding RNAs in human and mouse genomes are associated with predictive sequence features. <b>2017</b> , 7, 41669	10
1315	LSD1 collaborates with EZH2 to regulate expression of interferon-stimulated genes. <b>2017</b> , 88, 728-737	16
1314	Praja1 E3 ubiquitin ligase promotes skeletal myogenesis through degradation of EZH2 upon p38 $\beta$ activation. <b>2017</b> , 8, 13956	32
1313	Discovery of First-in-Class, Potent, and Orally Bioavailable Embryonic Ectoderm Development (EED) Inhibitor with Robust Anticancer Efficacy. <b>2017</b> , 60, 2215-2226	66
1312	Alterations of the Epigenome Induced by the Environment in Reproduction. <b>2017</b> , 467-484	
1311	Split luciferase-based biosensors for characterizing EED binders. <b>2017</b> , 522, 37-45	3
1310	EZH2 or HDAC1 Inhibition Reverses Multiple Myeloma-Induced Epigenetic Suppression of Osteoblast Differentiation. <b>2017</b> , 15, 405-417	48
1309	Confirmation of mutation landscape of NF1-associated malignant peripheral nerve sheath tumors. <b>2017</b> , 56, 421-426	33
1308	Dnmt1 activity is dispensable in $\beta$ cells but is essential for $\beta$ cell homeostasis. <b>2017</b> , 88, 226-235	2
1307	Activin/Smad2-induced Histone H3 Lys-27 Trimethylation (H3K27me3) Reduction Is Crucial to Initiate Mesendoderm Differentiation of Human Embryonic Stem Cells. <b>2017</b> , 292, 1339-1350	18
1306	Tethering RNA to chromatin for fluorescence microscopy based analysis of nuclear organization. <b>2017</b> , 123, 89-101	5
1305	A non-canonical function of Ezh2 preserves immune homeostasis. <b>2017</b> , 18, 619-631	49

1304	Mutations in genes encoding polycomb repressive complex 2 subunits cause Weaver syndrome. <b>2017</b> , 38, 637-648	50
1303	Molecular Architecture of the Polycomb Repressive Complex 2. <b>2017</b> , 165-189	2
1302	Overexpression of suppressor of zest 12 is associated with cervical node metastasis and unfavorable prognosis in tongue squamous cell carcinoma. <b>2017</b> , 17, 26	12
1301	Epigenetic treatment of pancreatic cancer: is there a therapeutic perspective on the horizon?. <b>2017</b> , 66, 168-179	80
1300	Hsp90 inhibition destabilizes Ezh2 protein in alloreactive T cells and reduces graft-versus-host disease in mice. <b>2017</b> , 129, 2737-2748	21
1299	Discovery of Peptidomimetic Ligands of EED as Allosteric Inhibitors of PRC2. <b>2017</b> , 19, 161-172	36
1298	PRC2 is dispensable for $\beta$ -mediated transcriptional repression. <b>2017</b> , 36, 981-994	120
1297	Multiple Histone Lysine Methyltransferases Are Required for the Establishment and Maintenance of HIV-1 Latency. <b>2017</b> , 8,	68
1296	Personalized Pathway-Activated Systems Imaging in Oncology. <b>2017</b> ,	1
1295	EZH1 in germ cells safeguards the function of PRC2 during spermatogenesis. <b>2017</b> , 424, 198-207	22
1294	Polycomb Group Systems in Fungi: New Models for Understanding Polycomb Repressive Complex 2. <b>2017</b> , 33, 220-231	24
1293	Asbestos and Mesothelioma. <b>2017</b> ,	2
1292	Mammalian SWI/SNF complexes in cancer: emerging therapeutic opportunities. <b>2017</b> , 42, 56-67	105
1291	EZH2 inhibitors: a patent review (2014-2016). <b>2017</b> , 27, 797-813	32
1290	Polycomb Repressive Complex 2-Mediated Chromatin Repression Guides Effector CD8 T Cell Terminal Differentiation and Loss of Multipotency. <b>2017</b> , 46, 596-608	116
1289	Loss of Polycomb Group Protein Pcgf1 Severely Compromises Proper Differentiation of Embryonic Stem Cells. <b>2017</b> , 7, 46276	17
1288	Chromodomain protein CDYL is required for transmission/restoration of repressive histone marks. <b>2017</b> , 9, 178-194	25
1287	Rice PcG gene OsEMF2b controls seed dormancy and seedling growth by regulating the expression of OsVP1. <b>2017</b> , 260, 80-89	13

1286	Depletion of polycomb repressive complex 2 core component EED impairs fetal hematopoiesis. <b>2017</b> , 8, e2744	21
1285	Inactivation of Ezh2 Upregulates Gfi1 and Drives Aggressive Myc-Driven Group 3 Medulloblastoma. <b>2017</b> , 18, 2907-2917	43
1284	Selective inhibition of EZH2 by a small molecule inhibitor regulates microglial gene expression essential for inflammation. <b>2017</b> , 137, 61-80	20
1283	EZH2 alterations in follicular lymphoma: biological and clinical correlations. <b>2017</b> , 7, e555	41
1282	Active and poised promoter states drive folding of the extended HoxB locus in mouse embryonic stem cells. <b>2017</b> , 24, 515-524	61
1281	Structure of the PRC2 complex and application to drug discovery. <b>2017</b> , 38, 963-976	19
1280	EZH2 Regulates the Developmental Timing of Effectors of the Pre-Antigen Receptor Checkpoints. <b>2017</b> , 198, 4682-4691	16
1279	Epigenetic Control of Osteoblast Differentiation by Enhancer of Zeste Homolog 2 (EZH2). <b>2017</b> , 3, 94-106	11
1278	Mechanisms Regulating PRC2 Recruitment and Enzymatic Activity. <b>2017</b> , 42, 531-542	119
1277	Methyllysine binding domains: Structural insight and small molecule probe development. <b>2017</b> , 136, 14-35	24
1276	Genome-wide DNA methylation profiling reveals cancer-associated changes within early colonic neoplasia. <b>2017</b> , 36, 5035-5044	49
1275	The enhancer of zeste gene OsieZ1 is involved in ligule and seed development in rice. <b>2017</b> ,	
1274	The LncRNA HOTAIR-expression, regulation and function in cancer. <b>2017</b> , 60, 155-164	0
1273	MiR-155 contributes to Th17 cells differentiation in dextran sulfate sodium (DSS)-induced colitis mice via Jarid2. <b>2017</b> , 488, 6-14	25
1272	Epithelial EZH2 serves as an epigenetic determinant in experimental colitis by inhibiting TNF $\alpha$ mediated inflammation and apoptosis. <b>2017</b> , 114, E3796-E3805	55
1271	Writing, erasing and reading histone lysine methylations. <b>2017</b> , 49, e324	458
1270	Identification of LEC1, L1L and Polycomb Repressive Complex 2 genes and their expression during the induction phase of Medicago truncatula Gaertn. somatic embryogenesis. <b>2017</b> , 129, 119-132	21
1269	Long noncoding RNAs: lincs between human health and disease. <b>2017</b> , 45, 805-812	92



1268	Genomic Characterization of Renal Medullary Carcinoma and Treatment Outcomes. <b>2017</b> , 15, e987-e994	34
1267	Phosphorylation of CBX2 controls its nucleosome-binding specificity. <b>2017</b> , 162, 343-355	21
1266	The essentiality of non-coding RNAs in cell reprogramming. <b>2017</b> , 2, 74-82	12
1265	Histone Lysine Methylation, Demethylation, and Hormonal Gene Regulation. <b>2017</b> , 59-100	2
1264	MicroRNA-Mediated Dynamic Bidirectional Shift between the Subclasses of Glioblastoma Stem-like Cells. <b>2017</b> , 19, 2026-2032	26
1263	MiR-203 Interplays with Polycomb Repressive Complexes to Regulate the Proliferation of Neural Stem/Progenitor Cells. <b>2017</b> , 9, 190-202	15
1262	Hyperactivation of HUSH complex function by Charcot-Marie-Tooth disease mutation in MORC2. <b>2017</b> , 49, 1035-1044	65
1261	Notch Represses Transcription by PRC2 Recruitment to the Ternary Complex. <b>2017</b> , 15, 1173-1183	11
1260	Chromatin loops and causality loops: the influence of RNA upon spatial nuclear architecture. <b>2017</b> , 126, 541-557	16
1259	Unravelling the biology of SCLC: implications for therapy. <b>2017</b> , 14, 549-561	209
1258	UTX promotes hormonally responsive breast carcinogenesis through feed-forward transcription regulation with estrogen receptor. <b>2017</b> , 36, 5497-5511	23
1257	MELK and EZH2 Cooperate to Regulate Medulloblastoma Cancer Stem-like Cell Proliferation and Differentiation. <b>2017</b> , 15, 1275-1286	24
1256	The Link Between Hyperhomocysteinemia and Hypomethylation: Implications for Cardiovascular Disease. <b>2017</b> , 5, 232640981769899	25
1255	RNA-mediated regulation of heterochromatin. <b>2017</b> , 46, 102-109	24
1254	Histone demethylases Kdm6ba and Kdm6bb redundantly promote cardiomyocyte proliferation during zebrafish heart ventricle maturation. <b>2017</b> , 426, 84-96	18
1253	Prospects for combining targeted and conventional cancer therapy with immunotherapy. <b>2017</b> , 17, 286-301	510
1252	The Human Immunodeficiency Virus 1 ASP RNA promotes viral latency by recruiting the Polycomb Repressor Complex 2 and promoting nucleosome assembly. <b>2017</b> , 506, 34-44	49
1251	Selective molecular biomarkers to predict biologic behavior in pituitary tumors. <b>2017</b> , 12, 177-185	6

1250	Overexpression of EZH2 in multiple myeloma is associated with poor prognosis and dysregulation of cell cycle control. <b>2017</b> , 7, e549	60
1249	Molecular mechanisms and therapeutic targets in pediatric brain tumors. <b>2017</b> , 10,	43
1248	Targeting of Polycomb Repressive Complex 2 to RNA by Short Repeats of Consecutive Guanines. <b>2017</b> , 65, 1056-1067.e5	119
1247	Causal role for inheritance of H3K27me3 in maintaining the OFF state of a HOX gene. <b>2017</b> , 356,	119
1246	Synergistic drug combinations for cancer identified in a CRISPR screen for pairwise genetic interactions. <b>2017</b> , 35, 463-474	275
1245	Protein folding: Illuminating chaperone activity. <b>2017</b> , 13, 346-347	1
1244	EZH2 deletion in early mesenchyme compromises postnatal bone microarchitecture and structural integrity and accelerates remodeling. <b>2017</b> , 31, 1011-1027	42
1243	Probing Chromatin Modifications in Response to ERK Signaling. <b>2017</b> , 1487, 289-301	2
1242	The Antisense Transcript SMN-AS1 Regulates SMN Expression and Is a Novel Therapeutic Target for Spinal Muscular Atrophy. <b>2017</b> , 93, 66-79	90
1241	Epigenetic and Transcriptional Regulation of IRAK-M Expression in Macrophages. <b>2017</b> , 198, 1297-1307	20
1240	Large-scale heterochromatin remodeling linked to overreplication-associated DNA damage. <b>2017</b> , 114, 406-411	17
1239	Dynamics of BAF-Polycomb complex opposition on heterochromatin in normal and oncogenic states. <b>2017</b> , 49, 213-222	146
1238	Loss of the histone methyltransferase EZH2 induces resistance to multiple drugs in acute myeloid leukemia. <b>2017</b> , 23, 69-78	133
1237	The ESC/E(Z) complex, an effector of response to ovarian steroids, manifests an intrinsic difference in cells from women with premenstrual dysphoric disorder. <b>2017</b> , 22, 1172-1184	43
1236	Stage- and subunit-specific functions of polycomb repressive complex 2 in bladder urothelial formation and regeneration. <b>2017</b> , 144, 400-408	7
1235	Optical High Content Nanoscopy of Epigenetic Marks Decodes Phenotypic Divergence in Stem Cells. <b>2017</b> , 7, 39406	3
1234	Structure-Guided Design of EED Binders Allosterically Inhibiting the Epigenetic Polycomb Repressive Complex 2 (PRC2) Methyltransferase. <b>2017</b> , 60, 415-427	49
1233	A transcriptional view on somatic embryogenesis. <b>2017</b> , 4, 201-216	89

1232	Development of Potent Type I Protein Arginine Methyltransferase (PRMT) Inhibitors of Leukemia Cell Proliferation. <b>2017</b> , 60, 8888-8905	25
1231	Estrogen, through estrogen receptor 1, regulates histone modifications and chromatin remodeling during spermatogenesis in adult rats. <b>2017</b> , 12, 953-963	24
1230	Genome Regulation by Polycomb and Trithorax: 70 Years and Counting. <b>2017</b> , 171, 34-57	484
1229	The Elongation Factor Spt6 Maintains ESC Pluripotency by Controlling Super-Enhancers and Counteracting Polycomb Proteins. <b>2017</b> , 68, 398-413.e6	19
1228	The three-dimensional genome: regulating gene expression during pluripotency and development. <b>2017</b> , 144, 3646-3658	61
1227	Early-Life Gene Expression in Neurons Modulates Lasting Epigenetic States. <b>2017</b> , 171, 1151-1164.e16	118
1226	Molecular analysis of PRC2 recruitment to DNA in chromatin and its inhibition by RNA. <b>2017</b> , 24, 1028-1038	135
1225	Polycomb group RING finger proteins 3/5 activate transcription via an interaction with the pluripotency factor Tex10 in embryonic stem cells. <b>2017</b> , 292, 21527-21537	26
1224	WITHDRAWN: Epigenetics in Chronic Liver Disease. <b>2017</b> ,	
1223	Embryonic timing, axial stem cells, chromatin dynamics, and the Hox clock. <b>2017</b> , 31, 1406-1416	93
1222	Long Noncoding RNA MEG3 Is an Epigenetic Determinant of Oncogenic Signaling in Functional Pancreatic Neuroendocrine Tumor Cells. <b>2017</b> , 37,	25
1221	Stabilizing human regulatory T cells for tolerance inducing immunotherapy. <b>2017</b> , 9, 735-751	6
1220	Mutations in myeloproliferative neoplasms - their significance and clinical use. <b>2017</b> , 10, 961-973	17
1219	Epigenetic Alterations in Bone and Soft Tissue Tumors. <b>2017</b> , 24, 362-371	6
1218	The histone lysine methyltransferase Ezh2 is required for maintenance of the intestine integrity and for caudal fin regeneration in zebrafish. <b>2017</b> , 1860, 1079-1093	21
1217	USP26 functions as a negative regulator of cellular reprogramming by stabilising PRC1 complex components. <b>2017</b> , 8, 349	19
1216	Polycomb-like proteins link the PRC2 complex to CpG islands. <i>Nature</i> , <b>2017</b> , 549, 287-291	50.4 155
1215	MUC1-C activates EZH2 expression and function in human cancer cells. <b>2017</b> , 7, 7481	29

1214	Intrinsically disordered chromatin protein NUPR1 binds to the C-terminal region of Polycomb RING1B. <b>2017</b> , 114, E6332-E6341	28
1213	Histone Methylation by SET Domain Proteins in Fungi. <b>2017</b> , 71, 413-439	60
1212	A novel interplay between HOTAIR and DNA methylation in osteosarcoma cells indicates a new therapeutic strategy. <b>2017</b> , 143, 2189-2200	24
1211	'Lnc'-ing Wnt in female reproductive cancers: therapeutic potential of long non-coding RNAs in Wnt signalling. <b>2017</b> , 174, 4684-4700	47
1210	EZH2 is involved in silencing of WNT5A during epithelial-mesenchymal transition of colon cancer cell line. <b>2017</b> , 143, 2211-2219	12
1209	Polycomb Responds to Low Levels of Transcription. <b>2017</b> , 20, 785-793	13
1208	Clinical Significance of Four Molecular Subtypes of Gastric Cancer Identified by The Cancer Genome Atlas Project. <b>2017</b> , 23, 4441-4449	213
1207	Histone methylase MLL1 coordinates with HIF and regulate lncRNA HOTAIR expression under hypoxia. <b>2017</b> , 629, 16-28	23
1206	Synovial Sarcomas Do Not Show H3K27 Trimethylation Loss Using Immunohistochemistry. <b>2017</b> , 41, 283-285	4
1205	Inhibitors of the Histone Methyltransferases EZH2/1 Induce a Potent Antiviral State and Suppress Infection by Diverse Viral Pathogens. <b>2017</b> , 8,	37
1204	PRC2-Mediated Transcriptomic Alterations at the Embryonic Stage Govern Tumorigenesis and Clinical Outcome in MYCN-Driven Neuroblastoma. <b>2017</b> , 77, 5259-5271	18
1203	A Matter of Scale and Dimensions: Chromatin of Chromosome Landmarks in the Fungi. <b>2017</b> , 5,	14
1202	Ezh2 phosphorylation state determines its capacity to maintain CD8 T memory precursors for antitumor immunity. <b>2017</b> , 8, 2125	53
1201	Polycomb Repressive Complex 2 Methylates Elongin A to Regulate Transcription. <b>2017</b> , 68, 872-884.e6	40
1200	SMARCA4-deficient thoracic sarcoma: a distinctive clinicopathological entity with undifferentiated rhabdoid morphology and aggressive behavior. <b>2017</b> , 30, 1422-1432	80
1199	Photoactivated In Vivo Proximity Labeling. <b>2017</b> , 9, 128-146	2
1198	The FLC Locus: A Platform for Discoveries in Epigenetics and Adaptation. <b>2017</b> , 33, 555-575	132
1197	The histone codes for meiosis. <b>2017</b> , 154, R65-R79	22

1196	Repression of Abd-B by Polycomb is critical for cell identity maintenance in adult <i>Drosophila</i> testis. <b>2017</b> , 7, 5101	7
1195	Bovine lineage specification revealed by single-cell gene expression analysis from zygote to blastocyst. <b>2017</b> , 97, 5-17	25
1194	Global analysis of H3K27me3 as an epigenetic marker in prostate cancer progression. <b>2017</b> , 17, 261	55
1193	Developmental transitions: integrating environmental cues with hormonal signaling in the chromatin landscape in plants. <b>2017</b> , 18, 88	32
1192	The NF1 somatic mutational landscape in sporadic human cancers. <b>2017</b> , 11, 13	130
1191	EZH2 upregulation correlates with tumor invasiveness, proliferation, and angiogenesis in human pituitary adenomas. <b>2017</b> , 66, 101-107	12
1190	Targeting EZH2 in cancer therapy. <b>2017</b> , 29, 375-381	125
1189	Recent progress in developing selective inhibitors of protein methyltransferases. <b>2017</b> , 39, 100-108	28
1188	Mapping the Phosphorylation Pattern of <i>Drosophila melanogaster</i> RNA Polymerase II Carboxyl-Terminal Domain Using Ultraviolet Photodissociation Mass Spectrometry. <b>2017</b> , 12, 153-162	18
1187	MEG3 Long Noncoding RNA Contributes to the Epigenetic Regulation of Epithelial-Mesenchymal Transition in Lung Cancer Cell Lines. <b>2017</b> , 292, 82-99	133
1186	Oncogenic Mechanisms of Histone H3 Mutations. <b>2017</b> , 7,	41
1185	The Multiple Facets of PRC2 Alterations in Cancers. <b>2017</b> , 429, 1978-1993	32
1184	Initial testing (stage 1) of tazemetostat (EPZ-6438), a novel EZH2 inhibitor, by the Pediatric Preclinical Testing Program. <b>2017</b> , 64, e26218	61
1183	Epigenetic determinants of metastasis. <b>2017</b> , 11, 79-96	35
1182	Novel 3-methylindoline inhibitors of EZH2: Design, synthesis and SAR. <b>2017</b> , 27, 217-222	6
1181	Deregulated expression of EZH2 in congenital brainstem disconnection. <b>2017</b> , 43, 358-365	5
1180	Histone H3 Lysine 4 Trimethylation, Lysine 27 Trimethylation, and Lysine 27 Acetylation Contribute to the Transcriptional Repression of Solute Carrier Family 47 Member 2 in Renal Cell Carcinoma. <b>2017</b> , 45, 109-117	7
1179	Role of Histone H3K27 Trimethylation Loss as a Marker for Malignant Peripheral Nerve Sheath Tumor in Fine-Needle Aspiration and Small Biopsy Specimens. <b>2017</b> , 148, 179-189	33

1178	Altered EZH2 splicing and expression is associated with impaired histone H3 lysine 27 tri-Methylation in myelodysplastic syndrome. <b>2017</b> , 63, 90-97	16
1177	Transcription factor-dependent 'anti-repressive' mammalian enhancers exclude H3K27me3 from extended genomic domains. <b>2017</b> , 31, 2391-2404	21
1176	Inferring Chromatin Signaling From Genome-Wide ChIP-seq Data. <b>2017</b> , 69-85	
1175	The potential of emerging therapeutics for epithelioid sarcoma. <b>2017</b> , 5, 983-989	1
1174	Expression of EZH2 is associated with poor outcome in colorectal cancer. <b>2018</b> , 15, 2953-2961	23
1173	The Nucleosome Remodeling and Deacetylase Complex in Development and Disease. <b>2017</b> , 37-72	3
1172	CBX8 Suppresses Tumor Metastasis via Repressing Snail in Esophageal Squamous Cell Carcinoma. <b>2017</b> , 7, 3478-3488	31
1171	Regulation of PRC2 Activity. <b>2017</b> , 225-258	
1170	miRNAs, Melanoma and Microenvironment: An Intricate Network. <b>2017</b> , 18,	32
1169	Unraveling the Roles of Canonical and Noncanonical PRC1 Complexes. <b>2017</b> , 57-80	1
1168	Histone Lysine Methylation and Neurodevelopmental Disorders. <b>2017</b> , 18,	31
1167	Pharmacologic Targeting of Chromatin Modulators As Therapeutics of Acute Myeloid Leukemia. <b>2017</b> , 7, 241	16
1166	Long Non-Coding RNAs: Key Regulators of Epithelial-Mesenchymal Transition, Tumour Drug Resistance and Cancer Stem Cells. <b>2017</b> , 9,	107
1165	Epigenetic Regulation of Open Chromatin in Pluripotent Stem Cells. <b>2017</b> , 1-18	
1164	Heritable Gene Regulation in the CD4:CD8 T Cell Lineage Choice. <b>2017</b> , 8, 291	25
1163	Neurogenic to Gliogenic Fate Transition Perturbed by Loss of HMGB2. <b>2017</b> , 10, 153	8
1162	Evolution of Epigenetic Mechanisms in Plants: Insights From H3K4 and H3K27 Methyltransferases. <b>2017</b> , 391-407	1
1161	Human Long Noncoding RNA Regulation of Stem Cell Potency and Differentiation. <b>2017</b> , 2017, 6374504	19

1160	Long non-coding RNAs in Colorectal Cancer: Progression and Future Directions. <b>2017</b> , 8, 3212-3225	52
1159	The evolution of gene regulation. <b>2017</b> , 6,	5
1158	MiR-340 Inhibits Triple-Negative Breast Cancer Progression by Reversing EZH2 Mediated miRNAs Dysregulated Expressions. <b>2017</b> , 8, 3037-3048	27
1157	c-Myc is Required for BRAF-Induced Epigenetic Silencing by H3K27me3 in Tumorigenesis. <b>2017</b> , 7, 2092-2107	23
1156	Epigenetic Regulation of Gene Expression in Epithelial Stem Cells Fate. <b>2018</b> , 13, 46-51	2
1155	A distal intergenic region controls pancreatic endocrine differentiation by acting as a transcriptional enhancer and as a polycomb response element. <b>2017</b> , 12, e0171508	7
1154	Rapid generation of drug-resistance alleles at endogenous loci using CRISPR-Cas9 indel mutagenesis. <b>2017</b> , 12, e0172177	22
1153	Relating protein functional diversity to cell type number identifies genes that determine dynamic aspects of chromatin organisation as potential contributors to organismal complexity. <b>2017</b> , 12, e0185409	3
1152	Histone deacetylase inhibition modulates histone acetylation at gene promoter regions and affects genome-wide gene transcription in <i>Schistosoma mansoni</i> . <b>2017</b> , 11, e0005539	18
1151	EZH2 suppression in glioblastoma shifts microglia toward M1 phenotype in tumor microenvironment. <b>2017</b> , 14, 220	45
1150	PRC2 represses transcribed genes on the imprinted inactive X chromosome in mice. <b>2017</b> , 18, 82	10
1149	MATCHER: manifold alignment reveals correspondence between single cell transcriptome and epigenome dynamics. <b>2017</b> , 18, 138	76
1148	The human lncRNA LINC-PINT inhibits tumor cell invasion through a highly conserved sequence element. <b>2017</b> , 18, 202	122
1147	Combination of EZH2 inhibitor and BET inhibitor for treatment of diffuse intrinsic pontine glioma. <b>2017</b> , 7, 56	26
1146	DICER1 regulates endometrial carcinoma invasion via histone acetylation and methylation. <b>2017</b> , 8, 933-939	6
1145	Ezh2 Acts as a Tumor Suppressor in Kras-driven Lung Adenocarcinoma. <b>2017</b> , 13, 652-659	20
1144	Polycomb Function and Nuclear Organization. <b>2017</b> , 131-163	0
1143	PcG Proteins in <i>Caenorhabditis elegans</i> . <b>2017</b> , 289-315	1

1142	Functional analysis of HOXA10 and HOXB4 in human medulloblastoma cell lines. <b>2017</b> , 51, 1929-1940	8
1141	Regulation of Cellular Identity by Polycomb and Trithorax Proteins. <b>2017</b> , 165-189	1
1140	Long Non-coding RNAs and their Role in Metastasis. <b>2017</b> , 14, 143-160	145
1139	LncRNA H19 inhibits autophagy by epigenetically silencing of DIRAS3 in diabetic cardiomyopathy. <b>2017</b> , 8, 1429-1437	88
1138	An Ultraconserved Element Containing lncRNA Preserves Transcriptional Dynamics and Maintains ESC Self-Renewal. <b>2018</b> , 10, 1102-1114	13
1137	TRPS1 Suppresses Breast Cancer Epithelial-mesenchymal Transition Program as a Negative Regulator of SUZ12. <b>2018</b> , 11, 416-425	14
1136	Enhancer of zeste homolog 2 (EZH2) inhibitors. <b>2018</b> , 59, 1574-1585	93
1135	AMPK lifts the PRC2-implemented gene repression. <b>2018</b> , 5, e1441632	1
1134	Anti-differentiation non-coding RNA, ANCR, is differentially expressed in different types of brain tumors. <b>2018</b> , 138, 261-270	8
1133	DZNep inhibits H3K27me3 deposition and delays retinal degeneration in the rd1 mice. <b>2018</b> , 9, 310	18
1132	Clinicopathologic characteristics of poorly differentiated chordoma. <b>2018</b> , 31, 1237-1245	60
1131	Signaling function of PRC2 is essential for TCR-driven T cell responses. <b>2018</b> , 215, 1101-1113	28
1130	Local delivery of tetramethylpyrazine eliminates the senescent phenotype of bone marrow mesenchymal stromal cells and creates an anti-inflammatory and angiogenic environment in aging mice. <b>2018</b> , 17, e12741	24
1129	Studies of biochemical crosstalk in chromatin with semisynthetic histones. <b>2018</b> , 45, 27-34	8
1128	Newer therapeutic strategies for soft-tissue sarcomas. <b>2018</b> , 188, 118-123	3
1127	Reversing Time: Ezh1 Deficiency Hastens Definitive Hematopoiesis. <b>2018</b> , 22, 285-287	2
1126	PCL2, a novel tumor suppressor in breast cancer. <b>2018</b> , 63, 597-598	
1125	The Etiology of Acute Leukemia. <b>2018</b> , 161-177	



1124	Single-Cell Chromatin Modification Profiling Reveals Increased Epigenetic Variations with Aging. <b>2018</b> , 173, 1385-1397.e14	156
1123	Theoretical and Applied Epigenetics in Plants. <b>2018</b> , 265-286	
1122	Distinct Stimulatory Mechanisms Regulate the Catalytic Activity of Polycomb Repressive Complex 2. <b>2018</b> , 70, 435-448.e5	48
1121	Allosteric Activation Dictates PRC2 Activity Independent of Its Recruitment to Chromatin. <b>2018</b> , 70, 422-434.e667	
1120	Insights into the roles of lncRNAs in skeletal and dental diseases. <b>2018</b> , 8, 8	11
1119	The enigma of monosomy 7. <b>2018</b> , 131, 2891-2898	36
1118	A Family of Vertebrate-Specific Polycombs Encoded by the LCOR/LCORL Genes Balance PRC2 Subtype Activities. <b>2018</b> , 70, 408-421.e8	73
1117	Applied RNA Bioscience. <b>2018</b> ,	1
1116	MicroRNA-26a is a key regulon that inhibits progression and metastasis of c-Myc/EZH2 double high advanced hepatocellular carcinoma. <b>2018</b> , 426, 98-108	35
1115	Contrasting epigenetic states of heterochromatin in the different types of mouse pluripotent stem cells. <b>2018</b> , 8, 5776	23
1114	Origin and initiation mechanisms of neuroblastoma. <b>2018</b> , 372, 211-221	59
1113	PRC2 Is Dispensable for $\beta$ -Catenin-Mediated Repression of Chondrogenesis in the Mouse Embryonic Cranial Mesenchyme. <b>2018</b> , 8, 491-503	12
1112	Polycomb protein family member CBX7 regulates intrinsic axon growth and regeneration. <b>2018</b> , 25, 1598-16118	
1111	Phosphorylation of EZH2 by AMPK Suppresses PRC2 Methyltransferase Activity and Oncogenic Function. <b>2018</b> , 69, 279-291.e5	91
1110	Effects of histone methyltransferase inhibition in endometriosis. <b>2018</b> , 99, 293-307	8
1109	GATA1 insufficiencies in primary myelofibrosis and other hematopoietic disorders: consequences for therapy. <b>2018</b> , 11, 169-184	17
1108	Spatial Organization of the Nucleus Compartmentalizes and Regulates the Genome. <b>2018</b> , 1-34	
1107	Regulation of the positive transcriptional effect of PLZF through a non-canonical EZH2 activity. <b>2018</b> , 46, 3339-3350	17

1106	Ring1A and Ring1B inhibit expression of Glis2 to maintain murine AML stem cells. <b>2018</b> , 131, 1833-1845	9
1105	New aspects of glioblastoma multiforme revealed by similarities between neural and glioblastoma stem cells. <b>2018</b> , 34, 425-440	28
1104	Keratin 13 gene is epigenetically suppressed during transforming growth factor- $\beta$ -induced epithelial-mesenchymal transition in a human keratinocyte cell line. <b>2018</b> , 496, 381-386	11
1103	Structures of human PRC2 with its cofactors AEBP2 and JARID2. <b>2018</b> , 359, 940-944	109
1102	Nuclear Pore Complexes in Genome Organization, Function and Maintenance. <b>2018</b> ,	2
1101	Nuclear Pore Complexes in the Organization and Regulation of the Mammalian Genome. <b>2018</b> , 159-182	0
1100	Polycomb Protein Eed is Required for Neurogenesis and Cortical Injury Activation in the Subventricular Zone. <b>2018</b> , 28, 1369-1382	16
1099	Epigenetic modifiers as new immunomodulatory therapies in solid tumours. <b>2018</b> , 29, 812-824	43
1098	Epigenetic regulation of male fate commitment from an initially bipotential system. <b>2018</b> , 468, 19-30	26
1097	Epigenetic deregulation in chronic lymphocytic leukemia: Clinical and biological impact. <b>2018</b> , 51, 1-11	26
1096	Ezh2 and Runx1 Mutations Collaborate to Initiate Lympho-Myeloid Leukemia in Early Thymic Progenitors. <b>2018</b> , 33, 274-291.e8	34
1095	Type I IFN operates pyroptosis and necroptosis during multidrug-resistant <i>A. baumannii</i> infection. <b>2018</b> , 25, 1304-1318	35
1094	Disruption of mammalian SWI/SNF and polycomb complexes in human sarcomas: mechanisms and therapeutic opportunities. <b>2018</b> , 244, 638-649	21
1093	Dual Role of EZH2 in Cutaneous Anaplastic Large Cell Lymphoma: Promoting Tumor Cell Survival and Regulating Tumor Microenvironment. <b>2018</b> , 138, 1126-1136	13
1092	A Non-canonical BCOR-PRC1.1 Complex Represses Differentiation Programs in Human ESCs. <b>2018</b> , 22, 235-251.e9	50
1091	Genomic and Epigenomic Profiling of High-Risk Intestinal Metaplasia Reveals Molecular Determinants of Progression to Gastric Cancer. <b>2018</b> , 33, 137-150.e5	113
1090	Polycomb Repressive Complex 2: Emerging Roles in the Central Nervous System. <b>2018</b> , 24, 208-220	11
1089	Ki-67: more than a proliferation marker. <b>2018</b> , 127, 175-186	227

1088	Connections Between Metabolism and Epigenetics in Programming Cellular Differentiation. <b>2018</b> , 36, 221-246	58
1087	Epigenetic Regulation of Adult Myogenesis. <b>2018</b> , 126, 235-284	20
1086	PRC1 Fine-tunes Gene Repression and Activation to Safeguard Skin Development and Stem Cell Specification. <b>2018</b> , 22, 726-739.e7	69
1085	Epigenetic regulation of cancer progression by EZH2: from biological insights to therapeutic potential. <b>2018</b> , 6, 10	160
1084	Architecture of PRC2 Holo Complexes. <b>2018</b> , 43, 487-489	4
1083	Mtf2-PRC2 control of canonical Wnt signaling is required for definitive erythropoiesis. <b>2018</b> , 4, 21	24
1082	Epigenetic control of gene regulation during development and disease: A view from the retina. <b>2018</b> , 65, 1-27	60
1081	Mechanisms of resistance to EZH2 inhibitors in diffuse large B-cell lymphomas. <b>2018</b> , 131, 2125-2137	55
1080	The H3K36me2 Methyltransferase Nsd1 Demarcates PRC2-Mediated H3K27me2 and H3K27me3 Domains in Embryonic Stem Cells. <b>2018</b> , 70, 371-379.e5	64
1079	Epstein-Barr Virus (EBV) Latent Protein EBNA3A Directly Targets and Silences the Gene in B Cells Infected by EBV. <b>2018</b> , 92,	11
1078	Epigenetic small molecule modulators of histone and DNA methylation. <b>2018</b> , 45, 73-85	26
1077	Role of the EZH2/miR-200 axis in STAT3-mediated OSCC invasion. <b>2018</b> , 52, 1149-1164	20
1076	How Polycomb-Mediated Cell Memory Deals With a Changing Environment: Variations in PcG complexes and proteins assortment convey plasticity to epigenetic regulation as a response to environment. <b>2018</b> , 40, e1700137	19
1075	Emerging therapeutic targets for the treatment of malignant rhabdoid tumors. <b>2018</b> , 22, 365-379	29
1074	Inhibitors of Protein Methyltransferases and Demethylases. <b>2018</b> , 118, 989-1068	144
1073	Interactions between microRNAs and long non-coding RNAs in cardiac development and repair. <b>2018</b> , 127, 58-66	31
1072	Epigenetics in multiple myeloma: From mechanisms to therapy. <b>2018</b> , 51, 101-115	43
1071	Sm-ChIPi: Single-Molecule Chromatin Immunoprecipitation Imaging. <b>2018</b> , 1689, 113-126	1

1070	Chromatin Immunoprecipitation. <b>2018</b> ,	1
1069	Structure, mechanism, and regulation of polycomb-repressive complex 2. <b>2018</b> , 293, 13805-13814	45
1068	Chromatin organization as an indicator of glucocorticoid induced natural killer cell dysfunction. <b>2018</b> , 67, 279-289	5
1067	Regulation of plant height in rice by the Polycomb group genes OsEMF2b, OsFIE2 and OsCLF. <b>2018</b> , 267, 157-167	14
1066	A Role for Monomethylation of Histone H3-K27 in Gene Activity in. <b>2018</b> , 208, 1023-1036	6
1065	The histone demethylase Kdm6b regulates a mature gene expression program in differentiating cerebellar granule neurons. <b>2018</b> , 87, 4-17	14
1064	Epigenome in Early Mammalian Development: Inheritance, Reprogramming and Establishment. <b>2018</b> , 28, 237-253	97
1063	Optimization of Orally Bioavailable Enhancer of Zeste Homolog 2 (EZH2) Inhibitors Using Ligand and Property-Based Design Strategies: Identification of Development Candidate (R)-5,8-Dichloro-7-(methoxy(oxetan-3-yl)methyl)-2-((4-methoxy-6-methyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3,4-dihydro-1H-pyridin-4-one. <b>2018</b> , 61, 650-665	53
1062	Polycomb repression complex 2 is required for the maintenance of retinal progenitor cells and balanced retinal differentiation. <b>2018</b> , 433, 47-60	16
1061	Structural and biochemical insights into human zinc finger protein AEBP2 reveals interactions with RBBP4. <b>2018</b> , 9, 738-742	12
1060	Epigenetic dysregulation in chronic myeloid leukaemia: A myriad of mechanisms and therapeutic options. <b>2018</b> , 51, 180-197	35
1059	Polycomb repressive complex 2 binds RNA irrespective of stereochemistry. <b>2018</b> , 54, 12061-12064	4
1058	The Interplay between Transcription Factors and Epigenetic Modifications in Th2 Cells. <b>2018</b> ,	1
1057	The Role of Histone Methyltransferases and Long Non-coding RNAs in the Regulation of T Cell Fate Decisions. <b>2018</b> , 9, 2955	6
1056	DRD4 methylation as a potential biomarker for physical aggression: An epigenome-wide, cross-tissue investigation. <b>2018</b> , 177, 746-764	18
1055	LncRNAs regulate cancer metastasis via binding to functional proteins. <b>2018</b> , 9, 1426-1443	46
1054	Deregulated Expression of Mammalian lncRNA through Loss of SPT6 Induces R-Loop Formation, Replication Stress, and Cellular Senescence. <b>2018</b> , 72, 970-984.e7	78
1053	WDR68 is essential for the transcriptional activation of the PRC1-AUTS2 complex and neuronal differentiation of mouse embryonic stem cells. <b>2018</b> , 33, 206-214	8

1052	Ezh2 inhibition in Kras-driven lung cancer amplifies inflammation and associated vulnerabilities. <b>2018</b> , 215, 3115-3135	18
1051	The Heterochromatin Landscape in Migrating Cells and the Importance of H3K27me3 for Associated Transcriptome Alterations. <b>2018</b> , 7,	13
1050	Selective targeting of histone modification fails to prevent graft versus host disease after hematopoietic cell transplantation. <b>2018</b> , 13, e0207609	1
1049	Ezh1 Targets Bivalent Genes to Maintain Self-Renewing Stem Cells in Ezh2-Insufficient Myelodysplastic Syndrome. <b>2018</b> , 9, 161-174	11
1048	Integration of Tumor Genomic Data with Cell Lines Using Multi-dimensional Network Modules Improves Cancer Pharmacogenomics. <b>2018</b> , 7, 526-536.e6	10
1047	PRC2 loss induces chemoresistance by repressing apoptosis in T cell acute lymphoblastic leukemia. <b>2018</b> , 215, 3094-3114	26
1046	Genetic and epigenetic regulation of zebrafish intestinal development. <b>2018</b> , 2, 19	8
1045	Environmentally Sensitive Molecular Switches Drive Poplar Phenology. <b>2018</b> , 9, 1873	8
1044	LncRNA ANCR promotes proliferation and radiation resistance of nasopharyngeal carcinoma by inhibiting PTEN expression. <b>2018</b> , 11, 8399-8408	30
1043	Ezh2 programs T differentiation by integrating phosphorylation-dependent activation of Bcl6 and polycomb-dependent repression of p19Arf. <b>2018</b> , 9, 5452	38
1042	Oxygen-dependent proteolysis regulates the stability of angiosperm polycomb repressive complex 2 subunit VERNALIZATION2. <b>2018</b> , 9, 5438	48
1041	Steroidogenic differentiation and PKA signaling are programmed by histone methyltransferase EZH2 in the adrenal cortex. <b>2018</b> , 115, E12265-E12274	18
1040	Ubiquitination-Independent Repression of PRC1 Targets during Neuronal Fate Restriction in the Developing Mouse Neocortex. <b>2018</b> , 47, 758-772.e5	43
1039	Long Non-Coding RNAs Associated with Heterochromatin Function in Immune Cells in Psychosis. <b>2018</b> , 4,	3
1038	Non-coding RNA in -related amyotrophic lateral sclerosis and frontotemporal dementia: A perfect storm of dysfunction. <b>2018</b> , 3, 178-187	11
1037	EZH2 variants differentially regulate polycomb repressive complex 2 in histone methylation and cell differentiation. <b>2018</b> , 11, 71	16
1036	EZH2, HIF-1, and Their Inhibitors: An Overview on Pediatric Cancers. <b>2018</b> , 6, 328	10
1035	Role of lncRNA and EZH2 Interaction/Regulatory Network in Lung Cancer. <b>2018</b> , 9, 4156-4165	38

1034	Long Noncoding RNA ANRIL Supports Proliferation of Adult T-Cell Leukemia Cells through Cooperation with EZH2. <b>2018</b> , 92,	13
1033	Histone variants H2A.Z and H3.3 coordinately regulate PRC2-dependent H3K27me3 deposition and gene expression regulation in mES cells. <b>2018</b> , 16, 107	33
1032	Non-coding RNA in Ischemic and Non-ischemic Cardiomyopathy. <b>2018</b> , 20, 115	10
1031	Polycomb Repressive Complex 2 is essential for development and maintenance of a functional TEC compartment. <b>2018</b> , 8, 14335	4
1030	Diffuse Intrinsic Pontine Glioma. <b>2018</b> ,	2
1029	SETting up Methylation in Mammalian Cells: Role of Histone Methyltransferases in Disease and Development. <b>2018</b> , 197-258	
1028	Histone Modifications in Aging: The Underlying Mechanisms and Implications. <b>2018</b> , 13, 125-135	25
1027	long noncoding RNA contributes to epigenetic progression of the epithelial-mesenchymal transition of lung and pancreatic cancer cells. <b>2018</b> , 293, 18016-18030	55
1026	The long noncoding RNA SNHG1 regulates colorectal cancer cell growth through interactions with EZH2 and miR-154-5p. <b>2018</b> , 17, 141	161
1025	Long noncoding RNA regulates myogenesis by interacting with polycomb repressive complex 2. <b>2018</b> , 115, E9802-E9811	60
1024	MiR-34 inhibits polycomb repressive complex 2 to modulate chaperone expression and promote healthy brain aging. <b>2018</b> , 9, 4188	24
1023	CRISPR Activation Screens Systematically Identify Factors that Drive Neuronal Fate and Reprogramming. <b>2018</b> , 23, 758-771.e8	103
1022	Beyond DNA: the Role of Epigenetics in the Premalignant Progression of Breast Cancer. <b>2018</b> , 23, 223-235	15
1021	microRNA-214 suppresses the growth of cervical cancer cells by targeting EZH2. <b>2018</b> , 16, 5679-5686	17
1020	Sexual and Non-sexual Reproduction. <b>2018</b> , 88, 117-163	2
1019	Diverse facets of cortical interneuron migration regulation - Implications of neuronal activity and epigenetics. <b>2018</b> , 1700, 160-169	14
1018	The biological significance of histone modifiers in multiple myeloma: clinical applications. <b>2018</b> , 8, 83	19
1017	Gene and Cell Therapy: Biology and Applications. <b>2018</b> ,	0

1016 Polycomb Proteins and their Roles in Skin Development and Regeneration. **2018**, 75-104

1015 Targeting EZH2 in Multiple Myeloma-Multifaceted Anti-Tumor Activity. **2018**, 2,

13

1014 Epigenetic Factors: Key Regulators Targeted in Cancers. **2018**,

1013 ASXL1 impairs osteoclast formation by epigenetic regulation of NFATc1. **2018**, 2, 2467-2477

14

1012 MTF2 recruits Polycomb Repressive Complex 2 by helical-shape-selective DNA binding. **2018**, 50, 1002-1010 97

1011 The emerging co-regulatory role of long noncoding RNAs in epithelial-mesenchymal transition and the Warburg effect in aggressive tumors. **2018**, 126, 112-120

14

1010 Polycomb Repressive Complex 2 attenuates the very high expression of the Arabidopsis gene NRT2.1. **2018**, 8, 7905

15

1009 LFR is functionally associated with AS2 to mediate leaf development in Arabidopsis. **2018**, 95, 598

3

1008 From Germline to Soma: Epigenetic Dynamics in the Mouse Preimplantation Embryo. **2018**, 128, 203-235

12

1007 The Polycomb-Dependent Epigenome Controls  $\beta$ Cell Dysfunction, Dedifferentiation, and Diabetes. **2018**, 27, 1294-1308.e7

64

1006 Histone H3K27 methylation modulates the dynamics of FANCD2 on chromatin to facilitate NHEJ and genome stability. **2018**, 131,

18

1005 The Chromatin Remodelers PKL and PIE1 Act in an Epigenetic Pathway That Determines H3K27me3 Homeostasis in Arabidopsis. **2018**, 30, 1337-1352

59

1004 MicroRNAs Overcome Cell Fate Barrier by Reducing EZH2-Controlled REST Stability during Neuronal Conversion of Human Adult Fibroblasts. **2018**, 46, 73-84.e7

37

1003 Targeting Protein-Protein Interactions by Small Molecules. **2018**,

5

1002 Small Molecule Inhibitors Targeting New Targets of Protein-Protein Interactions. **2018**, 179-211

1001 The Polycomb-Group Repressor MEDEA Attenuates Pathogen Defense. **2018**, 177, 1728-1742

17

1000 Oncogenic roles of enhancer of zeste homolog 1/2 in hematological malignancies. **2018**, 109, 2342-2348

20

999 Uhrf1 regulates active transcriptional marks at bivalent domains in pluripotent stem cells through Setd1a. **2018**, 9, 2583

19

998	An inhibitor screen identifies histone-modifying enzymes as mediators of polymer-mediated transgene expression from plasmid DNA. <b>2018</b> , 286, 210-223	6
997	Targeting EZH2 reactivates a breast cancer subtype-specific anti-metastatic transcriptional program. <b>2018</b> , 9, 2547	36
996	Aspects of Rodent Implantation. <b>2018</b> , 291-297	
995	Canonical PRC2 function is essential for mammary gland development and affects chromatin compaction in mammary organoids. <b>2018</b> , 16, e2004986	7
994	Histone methylation in DNA repair and clinical practice: new findings during the past 5-years. <b>2018</b> , 9, 2072-2081	36
993	Epigenetic regulation of brain region-specific microglia clearance activity. <b>2018</b> , 21, 1049-1060	189
992	Epigenetic Alterations of Wnt Signaling Pathways in Nasopharyngeal Carcinoma. <b>2018</b> , 4, 337-345	
991	Alteration of mammary gland development by bisphenol a and evidence of a mode of action mediated through endocrine disruption. <b>2018</b> , 475, 29-53	22
990	Ezh2 Regulates Activation-Induced CD8 T Cell Cycle Progression Repressing and Expression. <b>2018</b> , 9, 549	21
989	Topoisomerase II Poisons for Glioblastoma; Existing Challenges and Opportunities to Personalize Therapy. <b>2018</b> , 9, 459	7
988	Epigenetic Regulators in the Development, Maintenance, and Therapeutic Targeting of Acute Myeloid Leukemia. <b>2018</b> , 8, 41	31
987	Long noncoding RNA AFAP1-AS1 predicts a poor prognosis and regulates non-small cell lung cancer cell proliferation by epigenetically repressing p21 expression. <b>2018</b> , 17, 92	76
986	Modes of Interaction of KMT2 Histone H3 Lysine 4 Methyltransferase/COMPASS Complexes with Chromatin. <b>2018</b> , 7,	37
985	Translational Aspects of the Endometriosis Epigenome. <b>2018</b> , 717-749	
984	Hidden features: exploring the non-canonical functions of metabolic enzymes. <b>2018</b> , 11,	25
983	Three classes of response elements for human PRC2 and MLL1/2-Trithorax complexes. <b>2018</b> , 46, 8848-8864	6
982	H3.3K27M mutant proteins reprogram epigenome by sequestering the PRC2 complex to poised enhancers. <b>2018</b> , 7,	45
981	The epigenetic modification during the induction of Foxp3 with sodium butyrate. <b>2018</b> , 40, 309-318	16



980	Novel SUZ12 mutations in Weaver-like syndrome. <b>2018</b> , 94, 461-466	22
979	Targeting LncRNA-MALAT1 suppresses the progression of osteosarcoma by altering the expression and localization of Eatenin. <b>2018</b> , 9, 71-80	25
978	Multi-institutional evaluation of the prognostic significance of EZH2 expression in high-grade upper tract urothelial carcinoma. <b>2018</b> , 36, 343.e1-343.e8	2
977	Effect of high WDR5 expression on the hepatocellular carcinoma prognosis. <b>2018</b> , 15, 7864-7870	7
976	The Evaluation of BMI1 Posttranslational Modifications During Retinal Degeneration to Understand BMI1 Action on Photoreceptor Death Execution. <b>2018</b> , 1074, 359-365	
975	Depletion of DNMT1 in differentiated human cells highlights key classes of sensitive genes and an interplay with polycomb repression. <b>2018</b> , 11, 12	16
974	microRNA-124a suppresses PHF19 over-expression, EZH2 hyper-activation, and aberrant cell proliferation in human glioma. <b>2018</b> , 503, 1610-1617	16
973	Mir-382 Promotes Differentiation of Rat Liver Progenitor Cell WB-F344 by Targeting Ezh2. <b>2018</b> , 48, 2389-2398	5
972	Structural characterization of maternally expressed gene 3 RNA reveals conserved motifs and potential sites of interaction with polycomb repressive complex2. <b>2018</b> , 46, 10432-10447	30
971	Dysfunction of Sister Chromatids Separation Promotes Progression of Hepatocellular Carcinoma According to Analysis of Gene Expression Profiling. <b>2018</b> , 9, 1019	12
970	Epigenetic mechanisms of tumor resistance to immunotherapy. <b>2018</b> , 75, 4163-4176	21
969	EZH2-Mediated Epigenetic Suppression of GDF15 Predicts a Poor Prognosis and Regulates Cell Proliferation in Non-Small-Cell Lung Cancer. <b>2018</b> , 12, 309-318	16
968	A double-negative feedback loop between DEAD-box protein DDX21 and Snail regulates epithelial-mesenchymal transition and metastasis in breast cancer. <b>2018</b> , 437, 67-78	22
967	Abundance of C-terminal binding protein isoform is a prerequisite for exit from pluripotency in mouse embryonic stem cells. <b>2018</b> , 32, fj201700837RRRR	2
966	Emerging EZH2 Inhibitors and Their Application in Lymphoma. <b>2018</b> , 13, 369-382	53
965	The Epigenetic Factor Landscape of Developing Neocortex Is Regulated by Transcription Factors Pax6-jTbr2-jTbr1. <b>2018</b> , 12, 571	24
964	NF- $\kappa$ -Dependent Lymphoid Enhancer Co-option Promotes Renal Carcinoma Metastasis. <b>2018</b> , 8, 850-865	23
963	Enhancer of zeste homolog 2 () controls bone formation and cell cycle progression during osteogenesis in mice. <b>2018</b> , 293, 12894-12907	44

962	Long Noncoding RNAs. <b>2018</b> , 409-427	2
961	Histone Modification Changes During Aging. <b>2018</b> , 309-328	6
960	Live-cell imaging reveals the dynamics of PRC2 and recruitment to chromatin by SUZ12-associated subunits. <b>2018</b> , 32, 794-805	45
959	The role of Twist1 in mutant huntingtin-induced transcriptional alterations and neurotoxicity. <b>2018</b> , 293, 11850-11866	9
958	Arabidopsis Serrate Coordinates Histone Methyltransferases ATXR5/6 and RNA Processing Factor RDR6 to Regulate Transposon Expression. <b>2018</b> , 45, 769-784.e6	24
957	An Evolutionarily Conserved Structural Platform for PRC2 Inhibition by a Class of Ezh2 Inhibitors. <b>2018</b> , 8, 9092	14
956	TSPYL2 Regulates the Expression of EZH2 Target Genes in Neurons. <b>2019</b> , 56, 2640-2652	7
955	Molecular windows into the human brain for psychiatric disorders. <b>2019</b> , 24, 653-673	16
954	Small Molecule GSK-J1 Affects Differentiation of Specific Neuronal Subtypes in Developing Rat Retina. <b>2019</b> , 56, 1972-1983	5
953	Interferon signaling during Hepatitis B Virus (HBV) infection and HBV-associated hepatocellular carcinoma. <b>2019</b> , 124, 154518	9
952	Significant association of promoter hypomethylation with colorectal cancer. <b>2019</b> , 18, 1564-1570	1
951	PHF19 promotes multiple myeloma tumorigenicity through PRC2 activation and broad H3K27me3 domain formation. <b>2019</b> , 134, 1176-1189	38
950	An antisense transcript mediates MALAT1 response in human breast cancer. <b>2019</b> , 19, 771	16
949	The conserved histone chaperone LIN-53 is required for normal lifespan and maintenance of muscle integrity in <i>Caenorhabditis elegans</i> . <b>2019</b> , 18, e13012	5
948	miR-367 as a therapeutic target in stem-like cells from embryonal central nervous system tumors. <b>2019</b> , 13, 2574-2587	4
947	Epigenetic Regulation of Adipogenic Differentiation by Histone Lysine Demethylation. <b>2019</b> , 20,	15
946	Aging of spermatogonial stem cells by Jnk-mediated glycolysis activation. <b>2019</b> , 116, 16404-16409	23
945	DNA G-Quadruplexes (G4s) Modulate Epigenetic (Re)Programming and Chromatin Remodeling: Transient Genomic G4s Assist in the Establishment and Maintenance of Epigenetic Marks, While Persistent G4s May Erase Epigenetic Marks. <b>2019</b> , 41, e1900091	12

944	Red Meat Science and Production. <b>2019</b> ,	0
943	MicroRNA-362-5p enhances the cisplatin sensitivity of gastric cancer cells by targeting suppressor of zeste 12 protein. <b>2019</b> , 18, 1607-1616	15
942	Loss of enhancer of zeste homologue 2 (EZH2) at tumor invasion front is correlated with higher aggressiveness in colorectal cancer cells. <b>2019</b> , 145, 2227-2240	19
941	Mutations in EZH2 are associated with poor prognosis for patients with myeloid neoplasms. <b>2019</b> , 6, 276-281	14
940	Stress, novel sex genes, and epigenetic reprogramming orchestrate socially controlled sex change. <b>2019</b> , 5, eaaw7006	54
939	Long noncoding RNA Alu-mediated p21 transcriptional regulator promotes proliferation, migration, and pipe-formation of human microvascular endothelial cells by sponging miR-126. <b>2019</b> , 120, 19858-19867	3
938	NF- $\kappa$ B/Rel Transcription Factors in Pancreatic Cancer: Focusing on RelA, c-Rel, and RelB. <b>2019</b> , 11,	18
937	Clinical significance of enhancer of zeste homolog 2 and histone deacetylases 1 and 2 expression in peripheral T-cell lymphoma. <b>2019</b> , 18, 1415-1423	5
936	EZH2 regulates PD-L1 expression via HIF-1 $\alpha$ in non-small cell lung cancer cells. <b>2019</b> , 517, 201-209	25
935	A metabolomics-guided approach to discover Fusarium graminearum metabolites after removal of a repressive histone modification. <b>2019</b> , 132, 103256	14
934	A Mutation in Histone H2B Represents a New Class of Oncogenic Driver. <b>2019</b> , 9, 1438-1451	30
933	EZH2 Phosphorylation Promotes Self-Renewal of Glioma Stem-Like Cells Through NF- $\kappa$ B Methylation. <b>2019</b> , 9, 641	15
932	EZH2 cooperates with E2F1 to stimulate expression of genes involved in adrenocortical carcinoma aggressiveness. <b>2019</b> , 121, 384-394	12
931	Mechanisms regulating mammalian spermatogenesis and fertility recovery following germ cell depletion. <b>2019</b> , 76, 4071-4102	17
930	An ErbB2/c-Src axis links bioenergetics with PRC2 translation to drive epigenetic reprogramming and mammary tumorigenesis. <b>2019</b> , 10, 2901	12
929	The roles of DNA, RNA and histone methylation in ageing and cancer. <b>2019</b> , 20, 573-589	190
928	Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <b>2019</b> , 28, 257-266.e5	8
927	Novel pharmacological inhibition of EZH2 attenuates septic shock by altering innate inflammatory responses to sepsis. <b>2019</b> , 76, 105899	15

926	LncRNAs and PRC2: Coupled Partners in Embryonic Stem Cells.. <b>2019</b> , 3,	3
925	LncRNAs as Chromatin Regulators in Cancer: From Molecular Function to Clinical Potential. <b>2019</b> , 11,	36
924	EZH2 Overexpression in Multiple Myeloma: Prognostic Value, Correlation With Clinical Characteristics, and Possible Mechanisms. <b>2019</b> , 19, 744-750	2
923	The Dynamic Partnership of Polycomb and Trithorax in Brain Development and Diseases. <b>2019</b> , 3, 17-24	2
922	Active and Repressed Chromatin Domains Exhibit Distinct Nucleosome Segregation during DNA Replication. <b>2019</b> , 179, 953-963.e11	63
921	Emerging Roles of Long Non-Coding RNAs as Drivers of Brain Evolution. <b>2019</b> , 8,	35
920	Developmental Plasticity and Cellular Reprogramming in. <b>2019</b> , 213, 723-757	12
919	Histone acetylation orchestrates wound-induced transcriptional activation and cellular reprogramming in Arabidopsis. <b>2019</b> , 2, 404	33
918	PRC2-complex related dysfunction in overgrowth syndromes: A review of EZH2, EED, and SUZ12 and their syndromic phenotypes. <b>2019</b> , 181, 519-531	23
917	Epigenetics of autoimmune diseases. <b>2019</b> , 203-244	
916	Epigenetic Therapies for Acute Myeloid Leukemia and Their Immune-Related Effects. <b>2019</b> , 7, 207	19
915	Silencing Of hsa_circ_0008450 Represses Hepatocellular Carcinoma Progression Through Regulation Of microRNA-214-3p/EZH2 Axis. <b>2019</b> , 11, 9133-9143	25
914	Redistribution of EZH2 promotes malignant phenotypes by rewiring developmental programmes. <b>2019</b> , 20, e48155	5
913	Oncogenic enhancer of zeste homolog 2 is an actionable target in patients with non-small cell lung cancer. <b>2019</b> , 8, 6383-6392	8
912	Epigenetic Reprogramming for Targeting -Mutant Malignant Gliomas. <b>2019</b> , 11,	10
911	Long Noncoding RNAs in Acute Myeloid Leukemia: Functional Characterization and Clinical Relevance. <b>2019</b> , 11,	31
910	[Chemical targeting of DNA and histone methylation in cancer: Novelties, hopes and promises]. <b>2019</b> , 106, 823-833	2
909	LncRNA UCA1 Predicts a Poor Prognosis and Regulates Cell Proliferation and Migration by Repressing p21 and SPRY1 Expression in GC. <b>2019</b> , 18, 605-616	23

908	Phase I Study of the Novel Enhancer of Zeste Homolog 2 (EZH2) Inhibitor GSK2816126 in Patients with Advanced Hematologic and Solid Tumors. <b>2019</b> , 25, 7331-7339	55
907	EZH1P constrains Polycomb Repressive Complex 2 activity in germ cells. <b>2019</b> , 10, 3858	42
906	An Allosteric PRC2 Inhibitor Targeting EED Suppresses Tumor Progression by Modulating the Immune Response. <b>2019</b> , 79, 5587-5596	24
905	GSK343 induces autophagy and downregulates the AKT/mTOR signaling pathway in pancreatic cancer cells. <b>2019</b> , 18, 2608-2616	6
904	Emerging Epigenetic Therapeutic Targets in Acute Myeloid Leukemia. <b>2019</b> , 9, 850	10
903	Decrypting noncoding RNA interactions, structures, and functional networks. <b>2019</b> , 29, 1377-1388	57
902	A Method to Study de novo Formation of Chromatin Domains. <b>2019</b> ,	
901	PRC2.1 and PRC2.2 Synergize to Coordinate H3K27 Trimethylation. <b>2019</b> , 76, 437-452.e6	70
900	Interplay of miR-137 and EZH2 contributes to the genome-wide redistribution of H3K27me3 underlying the Pb-induced memory impairment. <b>2019</b> , 10, 671	14
899	PRC2 activates interferon-stimulated genes indirectly by repressing miRNAs in glioblastoma. <b>2019</b> , 14, e0222435	3
898	PICOT binding to chromatin-associated EED negatively regulates cyclin D2 expression by increasing H3K27me3 at the CCND2 gene promoter. <b>2019</b> , 10, 685	5
897	Suz12 inactivation cooperates with JAK3 mutant signaling in the development of T-cell acute lymphoblastic leukemia. <b>2019</b> , 134, 1323-1336	13
896	Non-core Subunits of the PRC2 Complex Are Collectively Required for Its Target-Site Specificity. <b>2019</b> , 76, 423-436.e3	50
895	Continuous Developmental and Early Life Trichloroethylene Exposure Promoted DNA Methylation Alterations in Polycomb Protein Binding Sites in Effector/Memory CD4 T Cells. <b>2019</b> , 10, 2016	9
894	Insights into Biological Role of LncRNAs in Epithelial-Mesenchymal Transition. <b>2019</b> , 8,	96
893	DZNep inhibits Hif-1 and Wnt signalling molecules to attenuate the proliferation and invasion of BGC-823 gastric cancer cells. <b>2019</b> , 18, 4308-4316	7
892	PRC2 functions in development and congenital disorders. <b>2019</b> , 146,	48
891	Discovery and Characterization of a Cellular Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. <b>2019</b> , 26, 1365-1379.e22	21

890	Histone demethylase KDM6B has an anti-tumorigenic function in neuroblastoma by promoting differentiation. <b>2019</b> , 8, 3	15
889	BAP1 complex promotes transcription by opposing PRC1-mediated H2A ubiquitylation. <b>2019</b> , 10, 348	59
888	Paternal genome rescues mouse preimplantation embryo development in the absence of maternally-recruited EZH2 activity. <b>2019</b> , 14, 94-108	3
887	Writing Histone Monoubiquitination in Human Malignancy-The Role of RING Finger E3 Ubiquitin Ligases. <b>2019</b> , 10,	22
886	Identification of a chemical modulator of EZH2-mediated silencing by cell-based high-throughput screening assay. <b>2019</b> , 166, 41-50	7
885	Aspirin Inhibits Natural Killer/T-Cell Lymphoma by Modulation of VEGF Expression and Mitochondrial Function. <b>2018</b> , 8, 679	12
884	R-Loops Enhance Polycomb Repression at a Subset of Developmental Regulator Genes. <b>2019</b> , 73, 930-945.e4	41
883	Regulatory network analysis reveals the oncogenesis roles of feed-forward loops and therapeutic target in T-cell acute lymphoblastic leukemia. <b>2019</b> , 12, 8	4
882	The ezh2(sa1199) mutant zebrafish display no distinct phenotype. <b>2019</b> , 14, e0210217	5
881	lncRNA transcriptional initiation induces chromatin remodeling within a limited range in the fission yeast fbp1 promoter. <b>2019</b> , 9, 299	5
880	The EZH2 SANT1 domain is a histone reader providing sensitivity to the modification state of the H4 tail. <b>2019</b> , 9, 987	11
879	BET and EZH2 Inhibitors: Novel Approaches for Targeting Cancer. <b>2019</b> , 21, 13	20
878	EZH2 cooperates with gain-of-function p53 mutants to promote cancer growth and metastasis. <b>2019</b> , 38,	33
877	Updating and interaction of polycomb repressive complex 2 components in maize ( <i>Zea mays</i> ). <b>2019</b> , 250, 573-588	7
876	Dangerous liaisons: interplay between SWI/SNF, NuRD, and Polycomb in chromatin regulation and cancer. <b>2019</b> , 33, 936-959	78
875	Two contrasting classes of nucleolus-associated domains in mouse fibroblast heterochromatin. <b>2019</b> , 29, 1235-1249	42
874	Diosgenin exhibits tumor suppressive function via down-regulation of EZH2 in pancreatic cancer cells. <b>2019</b> , 18, 1745-1758	14
873	SIRT6 promotes transcription of a subset of NRF2 targets by mono-ADP-ribosylating BAF170. <b>2019</b> , 47, 7914-7928	36

872	The big picture of chromatin biology by cryo-EM. <b>2019</b> , 58, 76-87	9
871	Specific inhibition of DPY30 activity by ASH2L-derived peptides suppresses blood cancer cell growth. <b>2019</b> , 382, 111485	12
870	Pharmacoeugenetics of EZH2 Inhibitors. <b>2019</b> , 447-462	
869	H3.3K27M-induced chromatin changes drive ectopic replication through misregulation of the JNK pathway in <i>C. elegans</i> . <b>2019</b> , 10, 2529	7
868	Epigenetics recording varied environment and complex cell events represents the origin of cellular aging. <b>2019</b> , 20, 550-562	1
867	Molecular characteristics of poorly differentiated chordoma. <b>2019</b> , 58, 804-808	12
866	Alterations in epigenetic regulation contribute to neurodegeneration of ataxia-telangiectasia. <b>2019</b> , 119-133	
865	Chromatin and epigenetic signaling pathways. <b>2019</b> , 1-23	
864	Epigenetics and Regeneration: An Overview. <b>2019</b> , 1-15	1
863	Histone Modifications. <b>2019</b> , 47-72	2
862	Chromatin-associated RNAs as facilitators of functional genomic interactions. <b>2019</b> , 20, 503-519	86
861	Conversion of random X-inactivation to imprinted X-inactivation by maternal PRC2. <b>2019</b> , 8,	18
860	Inhibition of polycomb repressor complex 2 ameliorates neointimal hyperplasia by suppressing trimethylation of H3K27 in vascular smooth muscle cells. <b>2019</b> , 176, 3206-3219	8
859	PRC2-Mediated H3K27me3 Contributes to Transcriptional Regulation of FIT-Dependent Iron Deficiency Response. <b>2019</b> , 10, 627	14
858	The Functions of Long Non-Coding RNA during Embryonic Cardiovascular Development and Its Potential for Diagnosis and Treatment of Congenital Heart Disease. <b>2019</b> , 6,	10
857	C10ORF12 modulates PRC2 histone methyltransferase activity and H3K27me3 levels. <b>2019</b> , 40, 1457-1465	4
856	Epigenetic Remodeling through Downregulation of Polycomb Repressive Complex 2 Mediates Chemotherapy Resistance in Testicular Germ Cell Tumors. <b>2019</b> , 11,	13
855	LncRNA-p21 alters the antiandrogen enzalutamide-induced prostate cancer neuroendocrine differentiation via modulating the EZH2/STAT3 signaling. <b>2019</b> , 10, 2571	82

854	Targeting protein methylation: from chemical tools to precision medicines. <b>2019</b> , 76, 2967-2985	16
853	Probing the Tumor Suppressor Function of BAP1 in CRISPR-Engineered Human Liver Organoids. <b>2019</b> , 24, 927-943.e6	74
852	PRC2 is high maintenance. <b>2019</b> , 33, 903-935	93
851	Lack of H3K27 trimethylation is associated with 1p/19q codeletion in diffuse gliomas. <b>2019</b> , 138, 331-334	15
850	Temporal patterning of apical progenitors and their daughter neurons in the developing neocortex. <b>2019</b> , 364,	137
849	Immunostaining of Increased Expression of Enhancer of Zeste Homolog 2 (EZH2) in Diffuse Midline Glioma H3K27M-Mutant Patients with Poor Survival. <b>2019</b> , 86, 152-161	18
848	A Novel Citrullinated Modification of Histone 3 and Its Regulatory Mechanisms Related to IPO-38 Antibody-Labeled Protein. <b>2019</b> , 9, 304	4
847	LncRNA BDNF-AS suppresses colorectal cancer cell proliferation and migration by epigenetically repressing GSK-3 $\beta$ expression. <b>2019</b> , 37, 340-347	16
846	The long non-coding RNA in the regulation of alternative protein-coding transcripts and in human breast cancer cells: implications to epigenetic therapy. <b>2019</b> , 14, 741-750	7
845	Perturbing Enhancer Activity in Cancer Therapy. <b>2019</b> , 11,	10
844	Polycomb repressive 2 complex-Molecular mechanisms of function. <b>2019</b> , 28, 1387-1399	28
843	Genetic abnormalities and pathophysiology of MDS. <b>2019</b> , 24, 885-892	36
842	Role of H3K9me3 heterochromatin in cell identity establishment and maintenance. <b>2019</b> , 55, 1-10	76
841	Bookmarking by histone methylation ensures chromosomal integrity during mitosis. <b>2019</b> , 42, 466-480	5
840	Intrinsic mutant HTT-mediated defects in oligodendroglia cause myelination deficits and behavioral abnormalities in Huntington disease. <b>2019</b> , 116, 9622-9627	26
839	Concise Review: Genetic and Epigenetic Regulation of Cardiac Differentiation from Human Pluripotent Stem Cells. <b>2019</b> , 37, 992-1002	21
838	Tat expression led to increased histone 3 tri-methylation at lysine 27 and contributed to HIV latency in astrocytes through regulation of MeCP2 and Ezh2 expression. <b>2019</b> , 25, 508-519	3
837	Control of Intra-Thymic T Cell Selection and Maturation by H3K27 Methylation and Demethylation. <b>2019</b> , 10, 688	3



836	Circular RNAs in Cancer: emerging functions in hallmarks, stemness, resistance and roles as potential biomarkers. <b>2019</b> , 18, 90	177
835	The association and prognostic impact of enhancer of zeste homologue 2 expression and epithelial-mesenchymal transition in resected lung adenocarcinoma. <b>2019</b> , 14, e0215103	6
834	Genome-wide occupancy of histone H3K27 methyltransferases CURLY LEAF and SWINGER in seedlings. <b>2019</b> , 3, e00100	33
833	DNA methylation repels targeting of Arabidopsis REF6. <b>2019</b> , 10, 2063	25
832	C9orf72 and triplet repeat disorder RNAs: G-quadruplex formation, binding to PRC2 and implications for disease mechanisms. <b>2019</b> , 25, 935-947	16
831	The Toxoplasma effector TEEGR promotes parasite persistence by modulating NF- $\kappa$ B signalling via EZH2. <b>2019</b> , 4, 1208-1220	54
830	The Down-Regulation of SUZ12 Accelerates the Migration and Invasion of Liver Cancer Cells via Activating ERK1/2 Pathway. <b>2019</b> , 10, 1375-1384	11
829	PCGF6 regulates stem cell pluripotency as a transcription activator via super-enhancer dependent chromatin interactions. <b>2019</b> , 10, 709-725	3
828	Ranking genomic features using an information-theoretic measure of epigenetic discordance. <b>2019</b> , 20, 175	7
827	The Effect of Overexpression of the Enhancer of Zeste Homolog 1 (EZH1) Gene on Aristolochic Acid-Induced Injury in HK-2 Human Kidney Proximal Tubule Cells In Vitro. <b>2019</b> , 25, 801-810	7
826	STAT1-induced upregulation of LINC00467 promotes the proliferation migration of lung adenocarcinoma cells by epigenetically silencing DKK1 to activate Wnt/ $\beta$ catenin signaling pathway. <b>2019</b> , 514, 118-126	30
825	Ezh1 arises from Ezh2 gene duplication but its function is not required for zebrafish development. <b>2019</b> , 9, 4319	6
824	Contrasting requirements during disease evolution identify EZH2 as a therapeutic target in AML. <b>2019</b> , 216, 966-981	60
823	The stoichiometry and interactome of the Nucleosome Remodeling and Deacetylase (NuRD) complex are conserved across multiple cell lines. <b>2019</b> , 286, 2043-2061	9
822	A Noncanonical Function of Polycomb Repressive Complexes Promotes Human Cytomegalovirus Lytic DNA Replication and Serves as a Novel Cellular Target for Antiviral Intervention. <b>2019</b> , 93,	7
821	RNA exploits an exposed regulatory site to inhibit the enzymatic activity of PRC2. <b>2019</b> , 26, 237-247	60
820	H3K27M induces defective chromatin spread of PRC2-mediated repressive H3K27me2/me3 and is essential for glioma tumorigenesis. <b>2019</b> , 10, 1262	104
819	The Chromatin-Associated Protein PWO1 Interacts with Plant Nuclear Lamin-like Components to Regulate Nuclear Size. <b>2019</b> , 31, 1141-1154	35

818	Control of viral infections by epigenetic-targeted therapy. <b>2019</b> , 11, 55	47
817	The long noncoding RNA Inc-ob1 facilitates bone formation by upregulating Osterix in osteoblasts. <b>2019</b> , 1, 485-496	22
816	SMARCB1-Deficient Sinonasal Carcinoma: A Case Report and Discussion of the Clinical Implications. <b>2019</b> , 128, 676-680	10
815	TBX3 represses TBX2 under the control of the PRC2 complex in skeletal muscle and rhabdomyosarcoma. <b>2019</b> , 8, 27	5
814	Direct Neuronal Reprogramming Reveals Unknown Functions for Known Transcription Factors. <b>2019</b> , 13, 283	12
813	LncRNA H19 Knockdown in Human Amniotic Mesenchymal Stem Cells Suppresses Angiogenesis by Associating with EZH2 and Activating Vasohibin-1. <b>2019</b> , 28, 781-790	16
812	Emerging role of PI3K/AKT in tumor-related epigenetic regulation. <b>2019</b> , 59, 112-124	57
811	Molecular Mechanisms Directing PRC2 Recruitment and H3K27 Methylation. <b>2019</b> , 74, 8-18	197
810	Histone variant macroH2A: from chromatin deposition to molecular function. <b>2019</b> , 63, 59-74	19
809	Role of epigenetic regulation in mammalian sex determination. <b>2019</b> , 134, 195-221	7
808	EZH2 Inhibitor GSK126 Suppresses Antitumor Immunity by Driving Production of Myeloid-Derived Suppressor Cells. <b>2019</b> , 79, 2009-2020	64
807	Combining CRISPR/Cas9-mediated knockout with genetic complementation for in-depth mechanistic studies in human ES cells. <b>2019</b> , 66, 23-27	1
806	Structural Biology of Epigenetic Targets: Exploiting Complexity. <b>2019</b> , 11-44	
805	Selective Small-Molecule Inhibitors of Protein Methyltransferases. <b>2019</b> , 201-220	
804	UTX Mutations in Human Cancer. <b>2019</b> , 35, 168-176	60
803	Xist Deletional Analysis Reveals an Interdependency between Xist RNA and Polycomb Complexes for Spreading along the Inactive X. <b>2019</b> , 74, 101-117.e10	82
802	RREB1-induced upregulation of the lncRNA AGAP2-AS1 regulates the proliferation and migration of pancreatic cancer partly through suppressing ANKRD1 and ANGPTL4. <b>2019</b> , 10, 207	49
801	WITHDRAWN: A novel insight of Asp193His mutation on epigenetic methyltransferase activity of human EZH2 protein: An in-silico approach. <b>2019</b> ,	

800	Genes upregulated in the amnion at labour are bivalently marked by activating and repressive histone modifications. <b>2019</b> , 25, 228-240	3
799	Genome-wide analysis of the H3K27me3 epigenome and transcriptome in Brassica rapa. <b>2019</b> , 8,	10
798	Age-Related Dopaminergic Innervation Augments T Helper 2-Type Allergic Inflammation in the Postnatal Lung. <b>2019</b> , 51, 1102-1118.e7	28
797	EZH2 abnormalities in lymphoid malignancies: underlying mechanisms and therapeutic implications. <b>2019</b> , 12, 118	31
796	Mechanisms and Functions of Long Non-Coding RNAs at Multiple Regulatory Levels. <b>2019</b> , 20,	204
795	PROTACs: great opportunities for academia and industry. <b>2019</b> , 4, 64	192
794	A systems approach identifies Enhancer of Zeste Homolog 2 (EZH2) as a protective factor in epilepsy. <b>2019</b> , 14, e0226733	10
793	Integrated Epigenome, Exome, and Transcriptome Analyses Reveal Molecular Subtypes and Homeotic Transformation in Uterine Fibroids. <b>2019</b> , 29, 4069-4085.e6	21
792	Lysine Methyltransferases and Their Inhibitors. <b>2019</b> , 123-157	
791	Epigenetic modifications of histones in cancer. <b>2019</b> , 20, 245	158
790	Repression of Inappropriate Gene Expression in the Vertebrate Embryonic Ectoderm. <b>2019</b> , 10,	2
789	Evolving Role of RING1 and YY1 Binding Protein in the Regulation of Germ-Cell-Specific Transcription. <b>2019</b> , 10,	6
788	. <b>2019</b> ,	1
787	Attenuated Acceleration to Leukemia after Ezh2 Loss in Nup98-HoxD13 (NHD13) Myelodysplastic Syndrome. <b>2019</b> , 3, e277	2
786	Long Non-coding RNA LINC-PINT Suppresses Cell Proliferation and Migration of Melanoma via Recruiting EZH2. <b>2019</b> , 7, 350	24
785	PIRCh-seq: functional classification of non-coding RNAs associated with distinct histone modifications. <b>2019</b> , 20, 292	10
784	Ubiquitin ligases HUWE1 and NEDD4 cooperatively control signal-dependent PRC2-Ezh1-mediated adaptive stress response pathway in skeletal muscle cells. <b>2019</b> , 12, 78	8
783	Methyl-Readers and Inhibitors. <b>2019</b> , 339-399	0

782	Targeting epigenetic regulators for cancer therapy: mechanisms and advances in clinical trials. <b>2019</b> , 4, 62	284
781	Development of Small-Molecule Inhibitors Against Zika Virus Infection. <b>2019</b> , 10, 2725	23
780	Oncohistone Mutations in Diffuse Intrinsic Pontine Glioma. <b>2019</b> , 5, 799-808	4
779	Methyltransferase Inhibitors: Competing with, or Exploiting the Bound Cofactor. <b>2019</b> , 24,	17
778	A tale of two cities: The genetic mechanisms governing calvarial bone development. <b>2019</b> , 57, e23248	19
777	Molecular mechanisms of H3K27me3 and H3K4me3 in retinal development. <b>2019</b> , 138, 43-48	14
776	PRC1 preserves epidermal tissue integrity independently of PRC2. <b>2019</b> , 33, 55-60	26
775	microRNAs in <i>Macrobrachium olfersii</i> embryos: Identification, their biogenesis components and potential targets. <b>2019</b> , 78, 205-216	2
774	Histone H3.3 K27M Accelerates Spontaneous Brainstem Glioma and Drives Restricted Changes in Bivalent Gene Expression. <b>2019</b> , 35, 140-155.e7	109
773	Chromatin regulatory mechanisms and therapeutic opportunities in cancer. <b>2019</b> , 21, 152-161	69
772	Is it time to take R(epressive) out of PRC1?. <b>2019</b> , 33, 4-5	3
771	A novel form of JARID2 is required for differentiation in lineage-committed cells. <b>2019</b> , 38,	11
770	EZH2-mediated epigenetic suppression of EphB3 inhibits gastric cancer proliferation and metastasis by affecting E-cadherin and vimentin expression. <b>2019</b> , 686, 118-124	16
769	LncRNA Meg3 protects endothelial function by regulating the DNA damage response. <b>2019</b> , 47, 1505-1522	34
768	The Role of Histone Methylation and Methyltransferases in Gene Regulation. <b>2019</b> , 31-84	3
767	Therapeutic targeting potential of chromatin-associated proteins in MLL-rearranged acute leukemia. <b>2019</b> , 42, 117-130	4
766	miR-218 inhibits gastric tumorigenesis through regulating Bmi-1/Akt signaling pathway. <b>2019</b> , 215, 243-250	4
765	Molecular Pathogenesis of Low-Grade Glioma. <b>2019</b> , 30, 17-25	11

764	Mitochondria are a substrate of cellular memory. <b>2019</b> , 130, 528-541	8
763	Recent Structural Insights into Polycomb Repressive Complex 2 Regulation and Substrate Binding. <b>2019</b> , 58, 346-354	13
762	Centromeric and ectopic assembly of CENP-A chromatin in health and cancer: old marks and new tracks. <b>2019</b> , 47, 1051-1069	27
761	Requirement for PRC1 subunit BMI1 in host gene activation by Epstein-Barr virus protein EBNA3C. <b>2019</b> , 47, 2807-2821	2
760	Towards understanding of PRC2 binding to RNA. <b>2019</b> , 16, 176-184	19
759	Synthesis and biological evaluation of benzomorpholine derivatives as novel EZH2 inhibitors for anti-non-small cell lung cancer activity. <b>2019</b> , 23, 681-696	3
758	PICOT binding to the polycomb group protein, EED, alters H3K27 methylation at the MYT1 PRC2 target gene. <b>2019</b> , 509, 469-475	6
757	Allele-specific expression of GATA2 due to epigenetic dysregulation in CEBPA double-mutant AML. <b>2021</b> , 138, 160-177	2
756	Subgenual cingulate resting regional cerebral blood flow in premenstrual dysphoric disorder: differential regulation by ovarian steroids and preliminary evidence for an association with expression of ESC/E(Z) complex genes. <b>2021</b> , 11, 206	2
755	The Route of Early T Cell Development: Crosstalk between Epigenetic and Transcription Factors. <b>2021</b> , 10,	1
754	A pan-cancer analysis of CpG Island gene regulation reveals extensive plasticity within Polycomb target genes. <b>2021</b> , 12, 2485	6
753	A PRC2-independent function for EZH2 in regulating rRNA 2'-O methylation and IRES-dependent translation. <b>2021</b> , 23, 341-354	8
752	The language of chromatin modification in human cancers. <b>2021</b> , 21, 413-430	35
751	Disruption of YY1-EZH2 Interaction Using Synthetic Peptides Inhibits Breast Cancer Development. <b>2021</b> , 13,	1
750	Setd1a Plays Pivotal Roles for the Survival and Proliferation of Retinal Progenitors via Histone Modifications of Uhrf1. <b>2021</b> , 62, 1	1
749	Histone marks are drivers of the splicing changes necessary for an epithelial-to-mesenchymal transition.	0
748	PROTAC: An Effective Targeted Protein Degradation Strategy for Cancer Therapy. <b>2021</b> , 12, 692574	32
747	KDM6B promotes ESCC cell proliferation and metastasis by facilitating C/EBP $\beta$ transcription. <b>2021</b> , 21, 559	3

746	Human telomerase is directly regulated by non-telomeric TRF2-G-quadruplex interaction. <b>2021</b> , 35, 109154	4
745	From Bench to Bedside: The Evolution of Genomics and Its Implications for the Current and Future Management of Multiple Myeloma. <b>2021</b> , 27, 213-221	0
744	lncRNA TUG1 inhibits the cancer stem cell-like properties of temozolomide-resistant glioma cells by interacting with EZH2. <b>2021</b> , 24,	3
743	Significance and Mechanisms Analyses of RB1 Mutation in Bladder Cancer Disease Progression and Drug Selection by Bioinformatics Analysis. <b>2021</b> , 7, 133-142	0
742	Current Views on the Interplay between Tyrosine Kinases and Phosphatases in Chronic Myeloid Leukemia. <b>2021</b> , 13,	3
741	Free energy perturbation in the design of EED ligands as inhibitors of polycomb repressive complex 2 (PRC2) methyltransferase. <b>2021</b> , 39, 127904	4
740	Efficient detection and classification of epigenomic changes under multiple conditions. <b>2021</b> ,	
739	Oncohistones: a roadmap to stalled development. <b>2021</b> ,	3
738	Loss of H3K27 trimethylation is frequent in IDH1-R132H but not in non-canonical IDH1/2 mutated and 1p/19q codeleted oligodendroglioma: a Japanese cohort study. <b>2021</b> , 9, 95	2
737	Long non-coding RNAs in Epstein-Barr virus-related cancer. <b>2021</b> , 21, 278	1
736	EZH2-mediated inhibition of KLF14 expression promotes HSCs activation and liver fibrosis by downregulating PPAR $\alpha$ . <b>2021</b> , 54, e13072	2
735	RNA helicase DDX5 enables STAT1 mRNA translation and interferon signalling in hepatitis B virus replicating hepatocytes. <b>2021</b> ,	1
734	Loss of H3K27me3 in meningiomas. <b>2021</b> , 23, 1282-1291	7
733	PHC1 maintains pluripotency by organizing genome-wide chromatin interactions of the Nanog locus. <b>2021</b> , 12, 2829	3
732	Escape From Treatment; the Different Faces of Leukemic Stem Cells and Therapy Resistance in Acute Myeloid Leukemia. <b>2021</b> , 11, 659253	14
731	Cooperative DNA looping by PRC2 complexes. <b>2021</b> , 49, 6238-6248	1
730	Research on Anal Squamous Cell Carcinoma: Systemic Therapy Strategies for Anal Cancer. <b>2021</b> , 13,	4
729	Altered estradiol-dependent cellular Ca homeostasis and endoplasmic reticulum stress response in Premenstrual Dysphoric Disorder. <b>2021</b> ,	4

728	Impact of neonatal anoxia and hypothermic treatment on development and memory of rats. <b>2021</b> , 340, 113691	0
727	Not just a writer: PRC2 as a chromatin reader. <b>2021</b> , 49, 1159-1170	3
726	Dynamics of H3K27me3 Modification on Plant Adaptation to Environmental Cues. <b>2021</b> , 10,	3
725	Histone methylation in epigenetic regulation and temperature responses. <b>2021</b> , 61, 102001	9
724	Regulation of the Methylation and Expression Levels of the BMPR2 Gene by SIN3a as a Novel Therapeutic Mechanism in Pulmonary Arterial Hypertension. <b>2021</b> , 144, 52-73	10
723	The pleiotropic role of circular and long noncoding RNAs in cutaneous melanoma. <b>2021</b> ,	2
722	TCF1 in T cell immunity: a broadened frontier. <b>2021</b> ,	17
721	RP58 Represses Transcriptional Programs Linked to Nonneuronal Cell Identity and Glioblastoma Subtypes in Developing Neurons. <b>2021</b> , 41, e0052620	2
720	Islet Epigenetic Impacts on $\beta$ Cell Identity and Function. <b>2021</b> , 11, 1961-1978	
719	The Role of microRNAs and Long Non-Coding RNAs in the Regulation of the Immune Response to Infection. <b>2021</b> , 12, 687962	8
718	Chromatin accessibility profiling in <i>Neurospora crassa</i> reveals molecular features associated with accessible and inaccessible chromatin. <b>2021</b> , 22, 459	2
717	Meta-analysis of genome-wide DNA methylation and integrative omics of age in human skeletal muscle. <b>2021</b> , 12, 1064-1078	12
716	GLI transcriptional repression is inert prior to Hedgehog pathway activation.	
715	PML Differentially Regulates Growth and Invasion in Brain Cancer. <b>2021</b> , 22,	0
714	HFD-induced TRAF6 upregulation promotes liver cholesterol accumulation and fatty liver development via EZH2-mediated miR-429/PPAR $\alpha$ axis. <b>2021</b> , 24, 711-727	5
713	Dual role of EZH2 in megakaryocyte differentiation. <b>2021</b> , 138, 1603-1614	0
712	T-cell receptor-based therapy: an innovative therapeutic approach for solid tumors. <b>2021</b> , 14, 102	13
711	Therapeutic targeting of chromatin: status and opportunities. <b>2021</b> ,	2

710	From the (Epi)Genome to Metabolism and Vice Versa; Examples from Hematologic Malignancy. <b>2021</b> , 22,	1
709	The ACF chromatin remodeling complex is essential for Polycomb repression.	
708	Migration and Adhesion of B-Lymphocytes to Specific Microenvironments in Mantle Cell Lymphoma: Interplay between Signaling Pathways and the Epigenetic Landscape. <b>2021</b> , 22,	0
707	Structure-Guided Development of Small-Molecule PRC2 Inhibitors Targeting EZH2-EED Interaction. <b>2021</b> , 64, 8194-8207	11
706	STAT3 activation in large granular lymphocyte leukemia is associated with cytokine signaling and DNA hypermethylation. <b>2021</b> , 35, 3430-3443	2
705	Biological Role of MYCN in Medulloblastoma: Novel Therapeutic Opportunities and Challenges Ahead. <b>2021</b> , 11, 694320	1
704	The interactome of site-specifically acetylated linker histone H1.	
703	Polycomb repressive complex 2 mutations predict survival benefit in advanced cancer patients treated with immune checkpoint inhibitors. <b>2021</b> , 10, 100035	
702	Epigenetic Regulation of Intestinal Stem Cells and Disease: A Balancing Act of DNA and Histone Methylation. <b>2021</b> , 160, 2267-2282	6
701	Knockdown screening of chromatin binding and regulatory proteins in zebrafish identified Suz12b as a regulator of tfpia and an antithrombotic drug target. <b>2021</b> , 11, 15238	
700	EZH2-induced lysine K362 methylation enhances TMPRSS2-ERG oncogenic activity in prostate cancer. <b>2021</b> , 12, 4147	2
699	Targeting epigenetic mechanisms to overcome venetoclax resistance. <b>2021</b> , 1868, 119047	1
698	The Polycomb group protein MEDEA controls cell proliferation and embryonic patterning in Arabidopsis. <b>2021</b> , 56, 1945-1960.e7	1
697	The epigenetic origin of life history transitions in plants and algae. <b>2021</b> , 34, 267-285	2
696	Synthetic genomic reconstitution reveals principles of mammalian Hox cluster regulation.	0
695	Sequential regulation of hemogenic fate and hematopoietic stem and progenitor cell formation from arterial endothelium by Ezh1/2. <b>2021</b> , 16, 1718-1734	0
694	Design, Synthesis, and Evaluation of VHL-Based EZH2 Degraders to Enhance Therapeutic Activity against Lymphoma. <b>2021</b> , 64, 10167-10184	13
693	Inhibition of enhancer of zeste homolog 2 prevents corneal myofibroblast transformation in vitro. <b>2021</b> , 208, 108611	0



692	Genome-Wide Identification and Analysis of the Polycomb Group Family in. <b>2021</b> , 22,	1
691	The H3K36me2 writer-reader dependency in H3K27M-DIPG. <b>2021</b> , 7,	6
690	Phylogenetic profiling suggests early origin of the core subunits of Polycomb Repressive Complex 2 (PRC2).	0
689	LncRNA TP73-AS1 promotes the development of Epstein-Barr virus associated gastric cancer by recruiting PRC2 complex to regulate WIF1 methylation. <b>2021</b> , 110094	0
688	LncRNA HOTAIR: A Potential Prognostic Factor and Therapeutic Target in Human Cancers. <b>2021</b> , 11, 679244	4
687	KDM6A Lysine Demethylase Directs Epigenetic Polarity of MDSCs during Murine Sepsis. <b>2021</b> , 1-12	1
686	Clinicopathological and genomic characterization of BCORL1-driven high-grade endometrial stromal sarcomas. <b>2021</b> , 34, 2200-2210	4
685	PAL11 facilitates DNA and nucleosome binding by PRC2 and triggers an allosteric activation of catalysis. <b>2021</b> , 12, 4592	3
684	PRC1 Sustains the Memory of Neuronal Fate Independent of PRC2 Function.	
683	Epigenetic Regulation of Cardiomyocyte Differentiation from Embryonic and Induced Pluripotent Stem Cells. <b>2021</b> , 22,	0
682	Long Non-Coding RNA Myosin Light Chain Kinase Antisense 1 Plays an Oncogenic Role in Gallbladder Carcinoma by Promoting Chemoresistance and Proliferation. <b>2021</b> , 13, 6219-6230	0
681	Inheritance of Repressed Chromatin Domains during S-phase Requires the Histone Chaperone NPM1.	0
680	Interactome of Site-Specifically Acetylated Linker Histone H1. <b>2021</b> , 20, 4443-4451	1
679	EZH2 as an Epigenetic Regulator of Cardiovascular Development and Diseases. <b>2021</b> , 78, 192-201	3
678	Diverse heterochromatin-associated proteins repress distinct classes of genes and repetitive elements. <b>2021</b> , 23, 905-914	6
677	Targeting Autophagy-Related Epigenetic Regulators for Cancer Drug Discovery. <b>2021</b> , 64, 11798-11815	4
676	Exploiting epigenetic dependencies in ovarian cancer therapy. <b>2021</b> , 149, 1732-1743	0
675	Signals for antigen-independent differentiation of memory CD8 T cells. <b>2021</b> , 78, 6395-6408	0

674	Long Noncoding RNAs as Emerging Regulators of COVID-19. <b>2021</b> , 12, 700184	8
673	Compartmentalization-aided interaction screening reveals extensive high-order complexes within the SARS-CoV-2 proteome. <b>2021</b> , 36, 109482	4
672	The Functions of Hepatitis B Virus Encoding Proteins: Viral Persistence and Liver Pathogenesis. <b>2021</b> , 12, 691766	6
671	Polycomb Repressive Complex 2 Modulation through the Development of EZH2-EED Interaction Inhibitors and EED Binders. <b>2021</b> , 64, 11774-11797	7
670	Going beyond Polycomb: EZH2 functions in prostate cancer. <b>2021</b> , 40, 5788-5798	5
669	Bivalent Regulation and Related Mechanisms of H3K4/27/9me3 in Stem Cells. <b>2021</b> , 1	1
668	A single amino acid residue substitution in BraA04g017190.3C, a histone methyltransferase, results in premature bolting in Chinese cabbage ( <i>Brassica rapa</i> L. ssp. <i>Pekinensis</i> ). <b>2021</b> , 21, 373	1
667	Epigenetic Reprogramming in Early Animal Development. <b>2021</b> ,	3
666	EZH2i EPZ-6438 and HDACi vorinostat synergize with ONC201/TIC10 to activate integrated stress response, DR5, reduce H3K27 methylation, ClpX and promote apoptosis of multiple tumor types including DIPG. <b>2021</b> , 23, 792-810	11
665	Polycomb Repressive Complex(es) and Their Role in Adult Stem Cells. <b>2021</b> , 12,	1
664	Targeting Histone Modifications in Breast Cancer: A Precise Weapon on the Way. <b>2021</b> , 9, 736935	4
663	EZH2 Inhibitor Enhances the STING Agonist-Induced Antitumor Immunity in Melanoma. <b>2021</b> ,	4
662	Coordination of EZH2 and SOX2 specifies human neural fate decision. <b>2021</b> , 10, 30	
661	Insufficiency of non-canonical PRC1 synergizes with JAK2V617F in the development of myelofibrosis. <b>2021</b> ,	0
660	Unraveling the Multifaceted Nature of CD8 T Cell Exhaustion Provides the Molecular Basis for Therapeutic T Cell Reconstitution in Chronic Hepatitis B and C. <b>2021</b> , 10,	2
659	UV-induced reduction in Polycomb repression promotes epidermal pigmentation. <b>2021</b> , 56, 2547-2561.e8	2
658	Differential requirement for the Polycomb repressor complex 2 in dendritic cell and tissue-resident myeloid cell homeostasis. <b>2021</b> , 6, eabf7268	0
657	Transcriptomics-Based Repositioning of Natural Compound, Eudesmin, as a PRC2 Modulator. <b>2021</b> , 26,	0

656	The Functional Role of Long Non-Coding RNAs in Melanoma. <b>2021</b> , 13,	1
655	Region-specific H3K9me3 gain in aged somatic tissues in <i>Caenorhabditis elegans</i> . <b>2021</b> , 17, e1009432	2
654	Disentangling heterogeneity of Malignant Pleural Mesothelioma through deep integrative omics analyses.	0
653	Epigenetic regulation in Huntington's disease. <b>2021</b> , 148, 105074	2
652	Multiple pharmacological inhibitors targeting the epigenetic suppressor enhancer of zeste homolog 2 (Ezh2) accelerate osteoblast differentiation. <b>2021</b> , 150, 115993	8
651	Myristoylation-mediated phase separation of EZH2 compartmentalizes STAT3 to promote lung cancer growth. <b>2021</b> , 516, 84-98	3
650	Tissue of Origin, but Not XCI State, Influences Germ Cell Differentiation from Human Pluripotent Stem Cells. <b>2021</b> , 10,	0
649	TGF-EMTA1-SMAD7-SMAD3-SOX4-EZH2 Signaling Axis Promotes Viability, Migration, Invasion and EMT of Hepatocellular Carcinoma Cells. <b>2021</b> , 13, 7087-7099	3
648	INTS11 regulates hematopoiesis by promoting PRC2 function. <b>2021</b> , 7, eabh1684	2
647	Global Epigenetic Analysis Reveals H3K27 Methylation as a Mediator of Double Strand Break Repair.	
646	Fusarium BP1 is a reader of H3K27 methylation. <b>2021</b> , 49, 10448-10464	5
645	LncRNA HOXA-AS2 regulates microglial polarization via recruitment of PRC2 and epigenetic modification of PGC-1 $\alpha$ expression. <b>2021</b> , 18, 197	2
644	Manifestation of epilepsy in a patient with EED-related overgrowth (Cohen-Gibson syndrome). <b>2021</b> ,	0
643	Epigenetic encoding, heritability and plasticity of glioma transcriptional cell states. <b>2021</b> , 53, 1469-1479	14
642	An update on allosteric modulators as a promising strategy targeting histone methyltransferase. <b>2021</b> , 172, 105865	0
641	Possible role of a dual regulator of neuroinflammation and autophagy in a simulated space environment. <b>2021</b> , 187, 181-189	1
640	Research progress of dual inhibitors targeting crosstalk between histone epigenetic modulators for cancer therapy. <b>2021</b> , 222, 113588	6
639	A putative role for lncRNAs in epigenetic regulation of memory. <b>2021</b> , 150, 105184	0

638	Machine Learning in Epigenomics: Insights into Cancer Biology and Medicine. <b>2021</b> , 1876, 188588	3
637	Developments of CRBN-based PROTACs as potential therapeutic agents. <b>2021</b> , 225, 113749	14
636	PRMT5 functionally associates with EZH2 to promote colorectal cancer progression through epigenetically repressing CDKN2B expression. <b>2021</b> , 11, 3742-3759	7
635	Impaired Regulation of Histone Methylation and Acetylation Underlies Specific Neurodevelopmental Disorders. <b>2020</b> , 11, 613098	7
634	KDM2B is involved in the epigenetic regulation of TGF- $\beta$ -induced epithelial-mesenchymal transition in lung and pancreatic cancer cell lines. <b>2021</b> , 296, 100213	1
633	Development and Clinical Validation of a Seven-Gene Prognostic Signature Based on Multiple Machine Learning Algorithms in Kidney Cancer. <b>2021</b> , 30, 963689720969176	1
632	Upregulated hsa_circ_0000129 expression promotes proliferation and migration of breast cancer cells. <b>2021</b> , 21, 239	2
631	Epigenetic Alterations in Renal Cell Cancer With TKIs Resistance: From Mechanisms to Clinical Applications. <b>2020</b> , 11, 562868	3
630	Alterations in Chromatin Structure and Function in the Microglia. <b>2020</b> , 8, 626541	3
629	In vivo antagonistic role of the Human T-Cell Leukemia Virus Type 1 regulatory proteins Tax and HBZ. <b>2021</b> , 17, e1009219	5
628	Histone methylation modifiers in medical therapeutics. <b>2021</b> , 693-720	
627	Chemogenomics for drug discovery: clinical molecules from open access chemical probes. <b>2021</b> , 2, 759-795	2
626	A Polycomb repressive complex is required for RNAi-mediated heterochromatin formation and dynamic distribution of nuclear bodies. <b>2021</b> , 49, 5407-5425	6
625	Universal DNA methylation age across mammalian tissues.	31
624	Motif-driven interactions between RNA and PRC2 are rheostats that regulate transcription elongation. <b>2021</b> , 28, 103-117	6
623	The Functions and Unique Features of LncRNAs in Cancer Development and Tumorigenesis. <b>2021</b> , 22,	37
622	Hhex Regulates Hematopoietic Stem Cell Self-Renewal and Stress Hematopoiesis via Repression of Cdkn2a. <b>2017</b> , 35, 1948-1957	14
621	Chromatin Immunoprecipitation of Low Number of FACS-Purified Epidermal Cells. <b>2020</b> , 2154, 197-215	2

620	Epigenetic control of germline development. <b>2013</b> , 757, 373-403	4
619	Exploring Chromatin Readers Using High-Accuracy Quantitative Mass Spectrometry-Based Proteomics. <b>2014</b> , 133-148	2
618	Unraveling the Complex Network of Interactions Between Noncoding RNAs and Epigenetics in Cancer. <b>2014</b> , 125-148	2
617	Histone Methylation in Chromatin Signaling. <b>2014</b> , 213-256	4
616	Interdependency between genetic and epigenetic regulatory defects in cancer. <b>2014</b> , 1165, 33-52	6
615	Functional Implications of Dynamic DNA Methylation for the Developing, Aging and Diseased Brain. <b>2019</b> , 141-163	7
614	Epigenetic Regulation of Chromatin in Prostate Cancer. <b>2019</b> , 1210, 379-407	6
613	Cell Signaling and Epigenetic Mechanisms in Mesothelioma. <b>2017</b> , 211-235	2
612	Standard Chemotherapy Options and Clinical Trials of Novel Agents for Mesothelioma. <b>2017</b> , 313-345	1
611	Cross Talk Between Bacteria and the Host Epigenetic Machinery. <b>2017</b> , 113-158	9
610	Epigenetic Control of Flowering Time. <b>2013</b> , 77-105	3
609	Memory of Temperature in the Seasonal Control of Flowering Time: An Unexplored Link Between Meteorology and Molecular Biology. <b>2013</b> , 195-215	6
608	Polycomb Complexes: Chromatin Regulators Required for Cell Diversity and Tissue Homeostasis. <b>2014</b> , 95-139	1
607	Overview of Histone Modification. <b>2021</b> , 1283, 1-16	31
606	Epigenetic regulation of cancer stem cell and tumorigenesis. <b>2020</b> , 148, 1-26	7
605	Liquid-like interactions in heterochromatin: Implications for mechanism and regulation. <b>2020</b> , 64, 90-96	14
604	Capturing the Onset of PRC2-Mediated Repressive Domain Formation. <b>2018</b> , 70, 1149-1162.e5	117
603	Loss of CBX2 induces genome instability and senescence-associated chromosomal rearrangements. <b>2020</b> , 219,	3

602	Bending and looping of long DNA by Polycomb repressive complex 2 revealed by AFM imaging in liquid. <b>2020</b> , 48, 2969-2981	5
601	H3K27me3-mediated silencing of Wilms Tumor 1 supports the proliferation of brain tumor cells harboring the H3.3K27M mutation.	1
600	An RNA degradation complex required for silencing of Polycomb target genes.	4
599	Human Telomerase Expression is under Direct Transcriptional Control of the Telomere-binding-factor TRF2.	3
598	Chromatin features define adaptive genomic regions in a fungal plant pathogen.	4
597	Alternative splicing redefines landscape of commonly mutated genes in acute myeloid leukemia.	1
596	Convergent evolution between PALI1 and JARID2 for the allosteric activation of PRC2.	3
595	Meta-analysis of genome-wide DNA methylation and integrative OMICs in human skeletal muscle.	1
594	Computer Designed PRC2 Inhibitor, EBdCas9, Reveals Functional TATA boxes in Distal Promoter Regions.	1
593	Scalable pooled CRISPR screens with single-cell chromatin accessibility profiling.	4
592	Bivalent chromatin protects reversibly repressed genes from irreversible silencing.	5
591	Extensive High-Order Complexes within SARS-CoV-2 Proteome Revealed by Compartmentalization-Aided Interaction Screening.	2
590	The BAP1 deubiquitinase complex is a general transcriptional co-activator.	1
589	Capturing the onset of PRC2-mediated repressive domain formation.	2
588	Targeting Human Retinoblastoma Binding Protein 4 (RBBP4) and 7 (RBBP7).	2
587	Long noncoding RNA ANRIL supports proliferation of adult T-cell leukemia cells through cooperation with EZH2.	1
586	The heterochromatin landscape in migrating cells and the importance of H3K27me3 for migration-associated transcriptional changes.	3
585	Active and repressed chromatin domains exhibit distinct nucleosome segregation during DNA replication.	4

584	Temporal control of cortico-thalamic neuron specification by regulation of Neurogenin activity and Polycomb repressive complexes.	1
583	Roles of Polycomb gene EED in pathogenesis and prognosis of acute myeloid leukemia and diffuse large B cell lymphoma.	0
582	Two Contrasting Classes of Nucleolus-Associated Domains in Mouse Fibroblast Heterochromatin.	1
581	Neuronal histone methyltransferase EZH2 regulates neuronal morphogenesis, synaptic plasticity, and cognitive behavior of mice.	1
580	ERK1/2 signalling dynamics promote neural differentiation by regulating the polycomb repressive complex.	2
579	Conserved epigenetic regulatory logic infers genes governing cell identity.	2
578	Functional classification of noncoding RNAs associated with distinct histone modifications by PIRCh-seq.	4
577	Degradation of Polycomb Repressive Complex 2 with an EED-targeted Bivalent Chemical Degradator.	2
576	Histone H2AK119 Mono-Ubiquitination is Essential for Polycomb-Mediated Transcriptional Repression.	3
575	EZH2 inhibition results in genome-wide PRC2 redistribution.	2
574	Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation.	1
573	A novel antiviral lncRNA EDAL shields a T309 O-GlcNAcylation site to promote EZH2 degradation.	1
572	Polycomb repressive complex 2 is a critical mediator of allergic inflammation. <b>2019</b> , 4,	9
571	JMJD3 regulates CD4 T cell trafficking by targeting actin cytoskeleton regulatory gene Pdlim4. <b>2019</b> , 129, 4745-4757	9
570	Uncovering the role of genomic "dark matter" in human disease. <b>2012</b> , 122, 1589-95	60
569	Germinal center dysregulation by histone methyltransferase EZH2 promotes lymphomagenesis. <b>2013</b> , 123, 5009-22	174
568	The chromatin remodeling factor CHD7 controls cerebellar development by regulating reelin expression. <b>2017</b> , 127, 874-887	40
567	Targeting NEK2 attenuates glioblastoma growth and radioresistance by destabilizing histone methyltransferase EZH2. <b>2017</b> , 127, 3075-3089	62

566	Modulation of EZH2 expression in T cells improves efficacy of anti-CTLA-4 therapy. <b>2018</b> , 128, 3813-3818	109
565	Symphony of epigenetic and metabolic regulation-interaction between the histone methyltransferase EZH2 and metabolism of tumor. <b>2020</b> , 12, 72	16
564	Recent advances in understanding intestinal stem cell regulation. <b>2019</b> , 8,	4
563	EBV epigenetically suppresses the B cell-to-plasma cell differentiation pathway while establishing long-term latency. <b>2017</b> , 15, e2001992	30
562	Polycomb-Mediated Repression and Sonic Hedgehog Signaling Interact to Regulate Merkel Cell Specification during Skin Development. <b>2016</b> , 12, e1006151	37
561	Aebp2 as an epigenetic regulator for neural crest cells. <b>2011</b> , 6, e25174	38
560	PRC1 and PRC2 are not required for targeting of H2A.Z to developmental genes in embryonic stem cells. <b>2012</b> , 7, e34848	34
559	A microRNA encoded by Kaposi sarcoma-associated herpesvirus promotes B-cell expansion in vivo. <b>2012</b> , 7, e49435	54
558	Utx is required for proper induction of ectoderm and mesoderm during differentiation of embryonic stem cells. <b>2013</b> , 8, e60020	65
557	Altered expression of polycomb group genes in glioblastoma multiforme. <b>2013</b> , 8, e80970	68
556	Structure of the catalytic domain of EZH2 reveals conformational plasticity in cofactor and substrate binding sites and explains oncogenic mutations. <b>2013</b> , 8, e83737	88
555	A new lncRNA, APTR, associates with and represses the CDKN1A/p21 promoter by recruiting polycomb proteins. <b>2014</b> , 9, e95216	63
554	The epigenetic bivalency of core pancreatic βcell transcription factor genes within mouse pluripotent embryonic stem cells is not affected by knockdown of the polycomb repressive complex 2, SUZ12. <b>2014</b> , 9, e97820	5
553	dRYBP counteracts chromatin-dependent activation and repression of transcription. <b>2014</b> , 9, e113255	15
552	Histone demethylation maintains Prdm14 and Tsix expression and represses xist in embryonic stem cells. <b>2015</b> , 10, e0125626	10
551	Genome-wide transcriptome profiling of radish ( <i>Raphanus sativus</i> L.) in response to vernalization. <b>2017</b> , 12, e0177594	10
550	LANA-Mediated Recruitment of Host Polycomb Repressive Complexes onto the KSHV Genome during De Novo Infection. <b>2016</b> , 12, e1005878	43
549	The miR-125a and miR-320c are potential tumor suppressor microRNAs epigenetically silenced by the polycomb repressive complex 2 in multiple myeloma. <b>2017</b> , 4,	10



548	DZNep and UNC0642 enhance in vitro developmental competence of cloned pig embryos. <b>2018</b> , 157, 359-369	3
547	A Mini Review on Post-Translational Histone Modifications. <b>2016</b> , 3,	3
546	Long-term effects of chromatin remodeling and DNA damage in stem cells induced by environmental and dietary agents. <b>2013</b> , 32, 307-27	5
545	Age-related gene expression in luminal epithelial cells is driven by a microenvironment made from myoepithelial cells. <b>2017</b> , 9, 2026-2051	14
544	Anticancer effects of miR-124 delivered by BM-MSC derived exosomes on cell proliferation, epithelial mesenchymal transition, and chemotherapy sensitivity of pancreatic cancer cells. <b>2020</b> , 12, 19660-19676	16
543	A novel MeCP2 acetylation site regulates interaction with ATRX and HDAC1. <b>2015</b> , 6, 408-21	18
542	Origins of ETP leukemia. <b>2018</b> , 5, 271-272	3
541	Epigenetic regulation of cancer biology and anti-tumor immunity by EZH2. <b>2016</b> , 7, 85624-85640	36
540	Targeting EZH1 and EZH2 contributes to the suppression of fibrosis-associated genes by miR-214-3p in cardiac myofibroblasts. <b>2016</b> , 7, 78331-78342	25
539	Integrated bioinformatics analysis of chromatin regulator EZH2 in regulating mRNA and lncRNA expression by ChIP sequencing and RNA sequencing. <b>2016</b> , 7, 81715-81726	7
538	EZH2 inhibition in multiple myeloma downregulates myeloma associated oncogenes and upregulates microRNAs with potential tumor suppressor functions. <b>2017</b> , 8, 10213-10224	37
537	The polycomb group protein EZH2 is a novel therapeutic target in tongue cancer. <b>2013</b> , 4, 2532-49	64
536	CBX7 is a glioma prognostic marker and induces G1/S arrest via the silencing of CCNE1. <b>2017</b> , 8, 26637-26647	20
535	Oncogenic histone methyltransferase EZH2: A novel prognostic marker with therapeutic potential in endometrial cancer. <b>2017</b> , 8, 40402-40411	36
534	Role of EZH2 in cancer stem cells: from biological insight to a therapeutic target. <b>2017</b> , 8, 37974-37990	41
533	Functional and therapeutic significance of EZH2 in urological cancers. <b>2017</b> , 8, 38044-38055	17
532	LncRNA TINCR attenuates cardiac hypertrophy by epigenetically silencing CaMKII. <b>2017</b> , 8, 47565-47573	51
531	BMI-1 is a potential therapeutic target in diffuse intrinsic pontine glioma. <b>2017</b> , 8, 62962-62975	29

530	Multiple regulatory aspects of histone methyltransferase EZH2 in Pb-induced neurotoxicity. <b>2017</b> , 8, 85169-85184	3
529	The histone methyltransferase EZH2 as a druggable target in SHH medulloblastoma cancer stem cells. <b>2017</b> , 8, 68557-68570	27
528	Loss of EGFR signaling regulated miR-203 promotes prostate cancer bone metastasis and tyrosine kinase inhibitors resistance. <b>2014</b> , 5, 3770-84	49
527	A missense variant in EZH2 is associated with colorectal cancer risk in a Chinese population. <b>2017</b> , 8, 94738-94742	41
526	Inhibition of EZH2 triggers the tumor suppressive miR-29b network in multiple myeloma. <b>2017</b> , 8, 106527-106537	47
525	EZH2 dependent H3K27me3 is involved in epigenetic silencing of ID4 in prostate cancer. <b>2014</b> , 5, 7172-82	45
524	Targeting PRC2: RNA offers new opportunities. <b>2017</b> , 8, 107346-107347	3
523	Frequent epigenetic alterations in polycomb repressive complex 2 in osteosarcoma cell lines. <b>2018</b> , 9, 27087-27091	13
522	hPCL3S promotes proliferation and migration of androgen-independent prostate cancer cells. <b>2020</b> , 11, 1051-1074	4
521	Evi1 forms a bridge between the epigenetic machinery and signaling pathways. <b>2011</b> , 2, 575-86	23
520	Immunohistochemical and genomic profiles of diffuse large B-cell lymphomas: implications for targeted EZH2 inhibitor therapy?. <b>2015</b> , 6, 16712-24	23
519	Snail and Slug collaborate on EMT and tumor metastasis through miR-101-mediated EZH2 axis in oral tongue squamous cell carcinoma. <b>2015</b> , 6, 6797-810	80
518	Long non-coding RNA profiling links subgroup classification of endometrioid endometrial carcinomas with trithorax and polycomb complex aberrations. <b>2015</b> , 6, 39865-76	16
517	Long noncoding RNA HOXA-AS2 promotes gastric cancer proliferation by epigenetically silencing P21/PLK3/DDIT3 expression. <b>2015</b> , 6, 33587-601	93
516	Targeting EZH2 regulates tumor growth and apoptosis through modulating mitochondria dependent cell-death pathway in HNSCC. <b>2015</b> , 6, 33720-32	29
515	Honokiol inhibits bladder tumor growth by suppressing EZH2/miR-143 axis. <b>2015</b> , 6, 37335-48	41
514	Genetic and epigenetic loss of microRNA-31 leads to feed-forward expression of EZH2 in melanoma. <b>2012</b> , 3, 1011-25	113
513	E2F1-induced upregulation of long noncoding RNA LINC00668 predicts a poor prognosis of gastric cancer and promotes cell proliferation through epigenetically silencing of CKIs. <b>2016</b> , 7, 23212-26	57

512	Genome-wide profiling of histone H3 lysine 27 and lysine 4 trimethylation in multiple myeloma reveals the importance of Polycomb gene targeting and highlights EZH2 as a potential therapeutic target. <b>2016</b> , 7, 6809-23	47
511	Maternal Exposure to High-Fat Diet Induces Long-Term Derepressive Chromatin Marks in the Heart. <b>2020</b> , 12,	8
510	Long noncoding RNAs in hepatitis B virus-related hepatocellular carcinoma. <b>2015</b> , 21, 7208-17	20
509	Regulation of neuronal survival by DNA methyltransferases. <b>2017</b> , 12, 1768-1775	16
508	Common stemness regulators of embryonic and cancer stem cells. <b>2015</b> , 7, 1150-84	144
507	Potential role of chromatin remodeling factor genes in atrophic gastritis/gastric cancer risk. <b>2018</b> , 29, 427-435	5
506	PICOT promotes T lymphocyte proliferation by down-regulating cyclin D2 expression. <b>2020</b> , 10, 1-12	2
505	Post-transcriptional gene silencing, transcriptional gene silencing and human immunodeficiency virus. <b>2015</b> , 4, 219-44	10
504	Chromatin signature of widespread monoallelic expression. <b>2013</b> , 2, e01256	55
503	Distinct and separable roles for EZH2 in neurogenic astroglia. <b>2014</b> , 3, e02439	50
502	Landscape of histone modifications in a sponge reveals the origin of animal -regulatory complexity. <b>2017</b> , 6,	38
501	Major satellite repeat RNA stabilize heterochromatin retention of Suv39h enzymes by RNA-nucleosome association and RNA:DNA hybrid formation. <b>2017</b> , 6,	82
500	RNA-dependent stabilization of SUV39H1 at constitutive heterochromatin. <b>2017</b> , 6,	85
499	Conserved RNA-binding specificity of polycomb repressive complex 2 is achieved by dispersed amino acid patches in EZH2. <b>2017</b> , 6,	57
498	locus-derived lncRNAs perpetuate postmitotic motor neuron cell fate and subtype identity. <b>2018</b> , 7,	25
497	Targets and genomic constraints of ectopic Dnmt3b expression. <b>2018</b> , 7,	16
496	Antagonistic interaction between Ezh2 and Arid1a coordinates root patterning and development via Cdkn2a in mouse molars. <b>2019</b> , 8,	8
495	Telomere dysfunction cooperates with epigenetic alterations to impair murine embryonic stem cell fate commitment. <b>2020</b> , 9,	5

494	GLI transcriptional repression regulates tissue-specific enhancer activity in response to Hedgehog signaling. <b>2020</b> , 9,	12
493	PHF19 mediated regulation of proliferation and invasiveness in prostate cancer cells. <b>2020</b> , 9,	12
492	Structural basis for histone variant H3tK27me3 recognition by PHF1 and PHF19. <b>2020</b> , 9,	10
491	A unique chromatin profile defines adaptive genomic regions in a fungal plant pathogen. <b>2020</b> , 9,	10
490	Function of JARID2 in bovines during early embryonic development. <b>2017</b> , 5, e4189	6
489	EZH2-mediated epigenetic suppression of lncRNA PCAT18 predicts a poor prognosis and regulates the expression of p16 by interacting with miR-570a-3p in gastric cancer. <b>2021</b> , 12, 7069-7078	1
488	ARGONAUTE proteins regulate a specific network of genes through KLF4 in mouse embryonic stem cells.	1
487	Microglia Regulate Neuronal Circuits in Homeostatic and High-Fat Diet-Induced Inflammatory Conditions. <b>2021</b> , 15, 722028	0
486	Methylome inheritance and enhancer dememorization reset an epigenetic gate safeguarding embryonic programs.	
485	NRF1 association with AUTS2-Polycomb mediates specific gene activation in the brain. <b>2021</b> , 81, 4663-4676.e8	4
484	One Omics Approach Does Not Rule Them All: The Metabolome and the Epigenome Join Forces in Haematological Malignancies.. <b>2021</b> , 5,	
483	Decoding the function of bivalent chromatin in development and cancer. <b>2021</b> ,	3
482	BRD4 REGULATES TRANSCRIPTION FACTOR Np63#O DRIVE A CANCER STEM CELL PHENOTYPE IN SQUAMOUS CELL CARCINOMAS. <b>2021</b> ,	1
481	Discovery of IHMT-EZH2-115 as a Potent and Selective Enhancer of Zeste Homolog 2 (EZH2) Inhibitor for the Treatment of B-Cell Lymphomas. <b>2021</b> , 64, 15170-15188	3
480	EZH2 Inhibition as New Epigenetic Treatment Option for Pancreatic Neuroendocrine Neoplasms (PanNENs). <b>2021</b> , 13,	1
479	Long Non-Coding RNA: A Potential Strategy for the Diagnosis and Treatment of Colorectal Cancer. <b>2021</b> , 11, 762752	1
478	Multilayer omics analysis reveals a non-classical retinoic acid signaling axis that regulates hematopoietic stem cell identity. <b>2021</b> ,	5
477	Epigenetic Reprogramming in Lung Carcinomas. <b>2012</b> , 159-177	1

476 Targeting Non-coding RNAs for Cancer Therapy. **2012**, 589-609

475 Mechanisms of Somatic Cell Reprogramming. **2013**, 301-316

474 Proteome Analysis of Chromatin Complexes in Differentiating Stem Cells. **2014**, 197-209

473 Histone Methyltransferase Complexes in Transcription, Development, and Cancer. **2014**, 33-47

472 The Fundamental Role of Epigenetic Regulation in Normal and Disturbed Cell Growth, Differentiation, and Stemness. **2014**, 1-41

471 Information's Role and Meaning in Organisms. **2014**, 65-124

470 Gene. **2014**, 5-61

469 Mining the cis-regulatory elements of Hox clusters. **2014**, 1196, 121-31

468 Epigenetic Control of Immune T Cell Memory. **2014**, 367-382

467 CHAPTER 6: Targeting Histone Lysine Methyltransferases in Cancer. **2015**, 127-167

466 CHIP-BS-Sequencing in Cancer Epigenomics. **2015**, 193-210

465 Epigenetic regulation of hepatic stellate cells and liver fibrosis. 421-434

464 Potential energy landscapes reveal the information-theoretic nature of the epigenome.

463 A High Density Map for Navigating the Human Polycomb Complexome.

462 Connecting tumor genomics with therapeutics through multi-dimensional network modules.

461 Theranostic Approaches for Pathway-Activated Systems in Oncology. **2017**, 17-42

460 Active and poised promoter states drive folding of the extended HoxB locus in mouse embryonic stem cells.

459 Manifold alignment reveals correspondence between single cell transcriptome and epigenome dynamics.

- 458 Large-scale determination and characterization of cell type-specific regulatory elements in the human genome.
- 457 CBF-1 promotes the establishment and maintenance of HIV latency by recruiting Polycomb repressive complexes, PRC1 and PRC2, at HIV LTR.
- 456 Acute Myeloid Leukemia with Myelodysplasia-Related Changes, Therapy-Related Myeloid Neoplasms, and Acute Myeloid Leukemia, Not Otherwise Specified. **2018**, 47-82
- 455 A Matter of Scale and Dimensions: Chromatin of Chromosome Landmarks in the Fungi. 571-597
- 454 The Polycomb-dependent epigenome controls  $\beta$ cell dysfunction, dedifferentiation and diabetes.
- 453 Allosteric activation dictates PRC2 activity independent of its recruitment to chromatin. 3
- 452 Distinct stimulatory mechanisms regulate the catalytic activity of Polycomb Repressive Complex 2 (PRC2). 1
- 451 Dynamic regulation of EZH2 from HPSc to hepatocyte-like cell fate. **2017**, 12, e0186884 1
- 450 Three classes of response elements for human PRC2 and MLL1/2-trithorax complexes.
- 449 Epigenetic Changes and Epigenetic Targets in Head and Neck Cancer. **2018**, 327-352
- 448 LncRNA Meg3 Choreographs the Epigenetic Landscape of Postmitotic Motor Neuron Cell Fate and Subtype Identity.
- 447 EZH2 co-opts gain-of-function p53 mutants to promote cancer growth and metastasis.
- 446 Integrated epigenome, exome and transcriptome analyses reveal molecular subtypes and homeotic transformation in uterine fibroids. 1
- 445 Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. 0
- 444 Stress, novel sex genes and epigenetic reprogramming orchestrate socially-controlled sex change. 1
- 443 Spontaneous retrotranspositions in normal tissues are rare and associated with cell-type-specific differentiation.
- 442 Dedifferentiation orchestrated through remodeling of the chromatin landscape defines PSEN1 mutation-induced Alzheimer's Disease. 1
- 441 Flavor Intrinsic Character. **2019**, 151-200

- 440 ModHMM: A Modular Supra-Bayesian Genome Segmentation Method. **2019**, 35-50 2
- 439 Active and Repressed Chromatin Domains Exhibit Distinct Nucleosome Segregation During DNA Replication. 1
- 438 Local inhibition of PRC2 activity by H3.3K27M drives DNA replication defects through misregulation of the JNK pathway.
- 437 Long Noncoding RNAs in Cardiovascular Disease. **2019**, 199-288 0
- 436 Aberrant Epigenomic Regulatory Networks in Multiple Myeloma and Strategies for Their Targeted Reversal. **2019**, 543-572
- 435 A Nuclear RNA Degradation Pathway Helps Silence Polycomb/H3K27me3-Marked Loci in. **2019**, 84, 141-153
- 434 The conserved histone chaperone LIN-53 links lifespan and healthspan regulation in *Caenorhabditis elegans*.
- 433 Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. 1
- 432 EZHIP constrains Polycomb Repressive Complex 2 activity in germ cells.
- 431 Genetic screening identifies a SUMO protease dynamically maintaining centromeric chromatin and the associated centromere complex.
- 430 Bimodal Regulation of the PRC2 Complex by USP7 Underlies Melanomagenesis.
- 429 PRC2 activates interferon-stimulated genes indirectly by repressing miRNAs in glioblastoma.
- 428 H3K27me3-rich genomic regions can function as silencers to repress gene expression via chromatin interactions.
- 427 Evolved for success in novel environments: The round goby genome.
- 426 Identification of Polycomb Repressive Complex 1 and 2 Core Components in Hexaploid Bread Wheat.
- 425 LSM2-8 and XRN-2 contribute to the silencing of H3K27me3-marked genes through targeted RNA decay.
- 424 GLI transcriptional repression regulates tissue-specific enhancer activity in response to Hedgehog signaling.
- 423 RNA Helicase DDX5 Negatively Regulates Wnt Signaling and Hepatocyte Reprogramming in Hepatitis B Virus-related Hepatocellular Carcinoma.

- 422 DNA demethylation is a driver for chick retina regeneration.
- 421 PRC2 bridges non-adjacent nucleosomes to establish heterochromatin.
- 420 The histone methyltransferase DOT1L prevents antigen-independent differentiation and safeguards epigenetic identity of CD8+ T cells.
- 419 A Systems Approach Identifies Enhancer of Zeste Homolog 2 (EZH2) as a Protective Factor in Epilepsy.
- 418 Phase separation-aided compartmentalization of protein-protein interactions in cells. 1
- 417 Efficient Detection and Classification of Epigenomic Changes Under Multiple Conditions.
- 416 Genome wide natural variation of H3K27me3 selectively marks genes predicted to be important for cell differentiation in *Phaeodactylum tricornutum*. 2
- 415 Depletion of nuclear pore protein NUP210 suppresses metastasis through heterochromatin-mediated disruption of tumor cell mechanical response.
- 414 JARID2 and AEBP2 regulate PRC2 activity in the presence of H2A ubiquitination or other histone modifications. 3
- 413 Structural basis for histone variant H3tK27me3 recognition by PHF1 and PHF19.
- 412 DNA binding reorganizes the intrinsically disordered C-terminal region of PSC in *Drosophila* PRC1.
- 411 H3K27me3 is dispensable for early differentiation but required to maintain differentiated cell identity. 1
- 410 A pan-cancer analysis of CpG Island gene regulation reveals extensive plasticity within Polycomb targets.
- 409 Annotation of Chromatin States in 66 Complete Mouse Epigenomes During Development.
- 408 Histone demethylome map reveals combinatorial gene regulatory functions in embryonic stem cells. 0
- 407 The Pivotal Immunomodulatory and Anti-Inflammatory Effect of Histone-Lysine N-Methyltransferase in the Glioma Microenvironment: Its Biomarker and Therapy Potentials. **2021**, 2021, 4907167
- 406 Maternal Ezh1/2 deficiency in oocyte delays H3K27me2/3 restoration and impairs epiblast development responsible for embryonic sub-lethality in mouse. 0
- 405 Is There a Histone Code for Cellular Quiescence?. **2021**, 9, 739780 3



404	Sirtuin 7 super-enhancer drives epigenomic reprogramming in hepatocarcinogenesis. <b>2022</b> , 525, 115-130	2
403	EZH1/2 inhibition augments the anti-tumor effects of sorafenib in hepatocellular carcinoma. <b>2021</b> , 11, 21396	4
402	Polycomb regulation is coupled to cell cycle transition in pluripotent stem cells.	0
401	A Structural Perspective on Gene Repression by Polycomb Repressive Complex 2. <b>2021</b> , 96, 519-562	1
400	Antenatal Corticosteroid Therapy Attenuates Angiogenesis Through Inhibiting Osteoclastogenesis in Young Mice. <b>2020</b> , 8, 601188	0
399	YY1 and CP2c in Unidirectional Spermatogenesis and Stemness. <b>2020</b> , 24, 249-262	2
398	Computer Designed PRC2 Inhibitor, EBdCas9, Reveals Functional TATA Boxes in Distal Promoter Regions.	
397	Identification of a PRC2 accessory subunit required for subtelomeric H3K27 methylation in Neurospora.	
396	The genetic basis for PRC1 complex diversity emerged early in animal evolution.	
395	Structural insights into the interactions of Polycomb Repressive Complex 2 with chromatin. <b>2021</b> ,	0
394	Molecular regulators of HOXA9 in acute myeloid leukemia. <b>2021</b> ,	0
393	Transcriptional and epigenetic regulation in thymic epithelial cells. <b>2021</b> ,	1
392	Histone H3.3 K27M and K36M mutations de-repress transposable elements through perturbation of antagonistic chromatin marks. <b>2021</b> , 81, 4876-4890.e7	5
391	Loss of long non-coding RNA NXTAR in prostate cancer augments androgen receptor expression and enzalutamide resistance. <b>2021</b> ,	0
390	EGCG protects against myocardial I/RI by regulating lncRNA Gm4419-mediated epigenetic silencing of the DUSP5/ERK1/2 axis. <b>2021</b> , 433, 115782	2
389	The Polycomb group protein MEDEA controls cell proliferation and embryonic patterning in Arabidopsis.	0
388	RNA LEVER Mediates Long-Range Regulation of $\beta$ -globin by Keeping PRC2 in Check.	
387	RNA helicase DDX5 enables STAT1 mRNA translation and interferon signaling in hepatitis B virus replicating hepatocytes.	0

386	The Establishment of Transgenerational Epigenetic Inheritance in the <i>C. elegans</i> Germline is Mediated by Lipid Metabolism.	1
385	The Epigenetic Regulator EZH2 Instructs CD4 T Cell Response to Acute Viral Infection via Coupling of Cell Expansion and Metabolic Fitness. <b>2020</b> , 94,	2
384	Histone Lysine-to-Methionine Mutation as Anticancer Drug Target. <b>2021</b> , 1283, 85-96	
383	Image_1.EPS. <b>2018</b> ,	1
382	EZH2: a pivotal regulator in controlling cell differentiation. <b>2012</b> , 4, 364-75	38
381	Chromatin Memory in the Development of Human Cancers. <b>2014</b> , 3, 114	
380	Prognostic significance of EZH2 expression in patients with digestive cancers: a meta-analysis. <b>2015</b> , 8, 16043-9	10
379	Regulation and role of post-translational modifications of enhancer of zeste homologue 2 in cancer development. <b>2016</b> , 6, 2737-2754	20
378	Histone demethylases and their roles in cancer epigenetics. <b>2016</b> , 1, 34-40	40
377	Chromatin Regulation and the Histone Code in HIV Latency?. <b>2017</b> , 90, 229-243	25
376	EZH2 Expression in Naturally Occurring Canine Tumors. <b>2018</b> , 68, 148-155	1
375	USP44 Promotes the Tumorigenesis of Prostate Cancer Cells through EZH2 Protein Stabilization. <b>2019</b> , 42, 17-27	14
374	Therapeutic targeting of immune checkpoints with small molecule inhibitors. <b>2019</b> , 11, 529-541	8
373	Immune modulatory functions of EZH2 in the tumor microenvironment: implications in cancer immunotherapy. <b>2019</b> , 7, 85-91	13
372	Targeting EZH1/2 induces cell cycle arrest and inhibits cell proliferation through reactivation of p57 and TP53INP1 in mantle cell lymphoma. <b>2019</b> , 16, 530-541	2
371	Expression of EZH2 and P53 and their correlation in ovarian cancer tissues. <b>2020</b> , 13, 456-464	1
370	Targeting the polycomb repressive complex-2 related proteins with novel combinational strategies for nasopharyngeal carcinoma. <b>2020</b> , 10, 3267-3284	3
369	PRMT1-mediated EZH2 methylation promotes breast cancer cell proliferation and tumorigenesis. <b>2021</b> , 12, 1080	2

368	Missense variants reveal functional insights into the human ARID family of gene regulators.	
367	Histone 3 Lysine 27 Trimethylation Signature in Breast Cancer. <b>2021</b> , 22,	1
366	Advances in the phase separation-organized membraneless organelles in cells: a narrative review.. <b>2021</b> , 10, 4929-4946	1
365	EZH2-mediated suppression of CLDN1 leads to barrier dysfunction in PPI-refractory gastroesophageal reflux disease. <b>2021</b> ,	1
364	The histone H3K27 demethylase REF6/JMJ12 promotes thermomorphogenesis in .. <b>2022</b> , 9, nwab213	4
363	Early T-Cell Precursor Acute Lymphoblastic Leukemia: Diagnosis, Updates in Molecular Pathogenesis, Management, and Novel Therapies.. <b>2021</b> , 11, 750789	3
362	The Chromatin State during Gonadal Sex Determination. <b>2021</b> , 1-9	2
361	Decreased PRC2 activity supports the survival of basal-like breast cancer cells to cytotoxic treatments. <b>2021</b> , 12, 1118	2
360	Preclinical Pharmacokinetics and Metabolism of MAK683, a Clinical Stage Selective Oral Embryonic Ectoderm Development (EED) Inhibitor for Cancer Treatment. <b>2021</b> , 1-48	1
359	EZH2 Inhibition Compromises $\alpha$ -1BB-Mediated Antitumor Efficacy by Reducing the Survival and Effector Programming of CD8 T Cells.. <b>2021</b> , 12, 770080	
358	Ezh2 is essential for the generation of functional yolk sac derived erythro-myeloid progenitors. <b>2021</b> , 12, 7019	2
357	EZH2 depletion potentiates MYC degradation inhibiting neuroblastoma and small cell carcinoma tumor formation.. <b>2022</b> , 13, 12	9
356	SUZ12 participates in the proliferation of PNH clones by regulating histone H3K27me3 levels.. <b>2022</b> ,	0
355	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects.. <b>2021</b> , 146, 112532	0
354	Epigenetic Modifications in Myeloma: Focused Review of Current Data and Potential Therapeutic Applications. <b>2021</b> , 42, 395-405	
353	Targeting chemotherapy to de-condensed H3K27me3-marked chromatin of AML cells enhances leukemia suppression.. <b>2021</b> ,	2
352	Epigenetics in the Diagnosis and Therapy of Malignant Melanoma.. <b>2022</b> , 23,	0
351	Single-cell multi-omics of human clonal hematopoiesis reveals that DNMT3A R882 mutations perturb early progenitor states through selective hypomethylation.	0

350	RNA-mediated nucleosome depletion is required for elimination of transposon-derived DNA.	0
349	MEG8 regulates Tissue Factor Pathway Inhibitor 2 (TFPI2) expression in the endothelium.. <b>2022</b> , 12, 843	0
348	The Interplay Between Epigenetic Regulation and CD8 T Cell Differentiation/Exhaustion for T Cell Immunotherapy.. <b>2021</b> , 9, 783227	0
347	Inhibition of the E3 ubiquitinating enzyme USP47 as a novel targeted therapy for hematologic malignancies expressing mutant EZH2.. <b>2022</b> ,	
346	Histone H3K4 methyltransferase DcATX1 promotes ethylene induced petal senescence in carnation.	
345	PRC1 sustains the integrity of neural fate in the absence of PRC2 function.. <b>2022</b> , 11,	1
344	Epigenetic regulation by long noncoding RNAs in osteo-/adipogenic differentiation of mesenchymal stromal cells and degenerative bone diseases.. <b>2022</b> , 14, 92-103	2
343	Methylation-dependent and -independent roles of EZH2 synergize in CDCA8 activation in prostate cancer.. <b>2022</b> ,	0
342	Polycomb Repressive Complex 2 in Eukaryotes-An Evolutionary Perspective.. <b>2022</b> , 6,	1
341	Gene silencing by EZH2 suppresses TGF- $\beta$ activity within the decidua to avert pregnancy-adverse wound healing at the maternal-fetal interface.. <b>2022</b> , 38, 110329	1
340	Aggressive variants of prostate cancer: underlying mechanisms of neuroendocrine transdifferentiation.. <b>2022</b> , 41, 46	3
339	CBX2 and EZH2 cooperatively promote the growth and metastasis of lung adenocarcinoma.. <b>2022</b> , 27, 670-684	2
338	Recent strategies targeting Embryonic Ectoderm Development (EED) for cancer therapy: Allosteric inhibitors, PPI inhibitors, and PROTACs.. <b>2022</b> , 231, 114144	0
337	The Regulation of Microglial Cell Polarization in the Tumor Microenvironment: A New Potential Strategy for Auxiliary Treatment of Glioma-A Review.. <b>2022</b> , 1	1
336	Epigenetic reorganization during early embryonic lineage specification.. <b>2022</b> , 44, 379	1
335	GLI transcriptional repression is inert prior to Hedgehog pathway activation.. <b>2022</b> , 13, 808	1
334	EZH2 Mediates Proliferation, Migration, and Invasion Promoted by Estradiol in Human Glioblastoma Cells.. <b>2022</b> , 13, 703733	1
333	EZH2-CCF-cGAS Axis Promotes Breast Cancer Metastasis.. <b>2022</b> , 23,	0

332	Biological function and regulation of histone 4 lysine 20 methylation in DNA damage response. <b>2022</b> , 3, 33	
331	Viviparity is sufficient for the evolution of genomic imprinting.	
330	The epigenetic dysfunction underlying malignant glioma pathogenesis.. <b>2022</b> ,	1
329	RYBP regulates Pax6 during in vitro neural differentiation of mouse embryonic stem cells.. <b>2022</b> , 12, 2364	
328	Copy number amplification-activated long non-coding RNA LINC00662 epigenetically inhibits BIK by interacting with EZH2 to regulate tumorigenesis in non-small cell lung cancer.. <b>2022</b> , 13, 1640-1651	0
327	Current and Emerging Therapeutic Approaches for Extracranial Malignant Rhabdoid Tumors.. <b>2022</b> , 14, 479-498	1
326	Induction of senescence-associated secretory phenotype underlies the therapeutic efficacy of PRC2 inhibition in cancer.. <b>2022</b> , 13, 155	3
325	Loss of heterochromatin and retrotransposon silencing as determinants in oocyte aging.. <b>2022</b> , e13568	3
324	The Novel Protease Activities of JMJD5-JMJD6-JMJD7 and Arginine Methylation Activities of Arginine Methyltransferases Are Likely Coupled.. <b>2022</b> , 12,	0
323	The Different Temozolomide Effects on Tumorigenesis Mechanisms of Pediatric Glioblastoma PBT24 and SF8628 Cell Tumor in CAM Model and on Cells In Vitro.. <b>2022</b> , 23,	1
322	Bmi1 induction protects hematopoietic stem cells against pronounced long-term hematopoietic stress.. <b>2022</b> ,	
321	Adapt to Persist: Glioblastoma Microenvironment and Epigenetic Regulation on Cell Plasticity.. <b>2022</b> , 11,	1
320	Interdependent Transcription of a Natural Sense/Antisense Transcripts Pair ().. <b>2022</b> , 8,	0
319	Histone marks regulate the epithelial-to-mesenchymal transition via alternative splicing.. <b>2022</b> , 38, 110357	1
318	Targeted Therapy for Relapsed/Refractory Follicular Lymphoma: Focus on Clinical Utility of Tazemetostat.. <b>2022</b> , 15, 193-199	1
317	Role of Histone Post-Translational Modifications in Inflammatory Diseases.. <b>2022</b> , 13, 852272	0
316	A Matching-Adjusted Indirect Comparison of Single-Arm Trials in Patients with Relapsed or Refractory Follicular Lymphoma Who Received at Least Two Prior Systemic Treatments: Tazemetostat was Associated with a Lower Risk for Safety Outcomes Versus the PI3-Kinase Inhibitors Idelalisib, Duvelisib, Copanlisib, and Umbralisib.. <b>2022</b> , 39, 1678	0
315	Link between the EZH2 noncanonical pathway and microtubule organization center polarization during early T lymphopoiesis.. <b>2022</b> , 12, 3655	0

- 314 Rixosomal RNA degradation contributes to silencing of Polycomb target genes.. *Nature*, **2022**, 604, 167-174 0
- 313 The ACF chromatin remodeling complex is essential for Polycomb repression.. **2022**, 11, 0
- 312 Integrative DNA methylation analysis of pediatric brain tumors reveals tumor type-specific developmental trajectories and epigenetic signatures of malignancy.
- 311 Sodium Valproate Modulates the Methylation Status of Lysine Residues 4, 9 and 27 in Histone H3 of HeLa Cells.. **2022**, 0
- 310 dCas9 fusion to computer-designed PRC2 inhibitor reveals functional TATA box in distal promoter region.. **2022**, 38, 110457 0
- 309 Palmitate-Triggered COX2/PGE2-Related Hyperinflammation in Dual-Stressed PdL Fibroblasts Is Mediated by Repressive H3K27 Trimethylation.. **2022**, 11, 0
- 308 Targeting key proteins involved in transcriptional regulation for cancer therapy: Current strategies and future prospective.. **2022**, 3
- 307 Discovery of the Clinical Candidate MAK683: An EED-Directed, Allosteric, and Selective PRC2 Inhibitor for the Treatment of Advanced Malignancies.. **2022**, 2
- 306 Systematic Discovery of FBXW7-Binding Phosphodegrons Highlights Mitogen-Activated Protein Kinases as Important Regulators of Intracellular Protein Levels.. **2022**, 23, 0
- 305 Immunotherapy for SMARCB1-Deficient Sarcomas: Current Evidence and Future Developments.. **2022**, 10, 2
- 304 KAT5 activity regulates G0-like states in human gliomas.
- 303 The Importance of Networking: Plant Polycomb Repressive Complex 2 and Its Interactors.. **2022**, 6, 1
- 302 ABHD11-AS1: An Emerging Long Non-Coding RNA (lncRNA) with Clinical Significance in Human Malignancies.. **2022**, 8, 0
- 301 Identification of SET/EED dual binders as innovative PRC2 inhibitors.. **2022**,
- 300 The Role of Histone Post-Translational Modifications in Merkel Cell Carcinoma.. **2022**, 12, 832047 3
- 299 Maternal H3K36 and H3K27 HMTs protect germline immortality via regulation of the transcription factor LIN-15B.
- 298 Differentially expressed genes prediction by multiple self-attention on epigenetics data.. **2022**,
- 297 Chromatin Structure and Dynamics: Focus on Neuronal Differentiation and Pathological Implication.. **2022**, 13, 0

296	Epigenomic alterations in cancer: mechanisms and therapeutic potential.. <b>2022</b> , 136, 473-492	0
295	The Pivotal Immunoregulatory Functions of Microglia and Macrophages in Glioma Pathogenesis and Therapy.. <b>2022</b> , 2022, 8903482	0
294	Focus on the classical and non-classical functions of EZH2: Guide the development of inhibitors and degraders.. <b>2022</b> , 178, 106159	1
293	Mechanical force-sensitive lncRNA SNHG8 inhibits osteogenic differentiation by regulating EZH2 in hPDLSCs.. <b>2022</b> , 110285	1
292	Arid1a regulates bladder urothelium formation and maintenance.. <b>2022</b> , 485, 61-69	1
291	Targeting epigenetic modulators using PROTAC degraders: Current status and future perspective.. <b>2022</b> , 63, 128653	1
290	EZH2 identifies the precursors of human natural killer cells with trained immunity. <b>2021</b> ,	2
289	The chromatin repressors EZH2 and Suv4-20h co-regulate cell fate specification during hippocampal development. <b>2021</b> ,	0
288	Methylome inheritance and enhancer dememorization reset an epigenetic gate safeguarding embryonic programs.. <b>2021</b> , 7, eabl3858	3
287	Divergent Effects of EZH1 and EZH2 Protein Expression on the Prognosis of Patients with T-Cell Lymphomas.. <b>2021</b> , 9,	0
286	Combination of Atezolizumab and Tazemetostat in Patients With Relapsed/Refractory Diffuse Large B-Cell Lymphoma: Results From a Phase Ib Study.. <b>2021</b> ,	1
285	A novel EZH2/NXPH4/CDKN2A axis is involved in regulating the proliferation and migration of non-small cell lung cancer cells.. <b>2021</b> ,	3
284	Tracking the Dynamic Histone Methylation of H3K27 in Live Cancer Cells. <b>2021</b> ,	1
283	MicroRNA-20a Suppresses Tumor Proliferation and Metastasis in Hepatocellular Carcinoma by Directly Targeting EZH1.. <b>2021</b> , 11, 737986	1
282	Immune Memory in Aging: a Wide Perspective Covering Microbiota, Brain, Metabolism, and Epigenetics.. <b>2021</b> , 1	3
281	CmLHP1 proteins play a key role in plant development and sex determination in melon (Cucumis melo).. <b>2021</b> ,	1
280	Nuclear pore protein NUP210 depletion suppresses metastasis through heterochromatin-mediated disruption of tumor cell mechanical response.. <b>2021</b> , 12, 7216	3
279	Effects of GSK-J4 on JMJD3 Histone Demethylase in Mouse Prostate Cancer Xenografts.. <b>2022</b> , 19, 339-349	

278 Non-coding RNA LEVER sequestration of PRC2 can mediate long range gene regulation.. **2022**, 5, 343

277 Phylogenetic profiling resolves early emergence of PRC2 and illuminates its functional core.. **2022**, 5, 1

276 Histone methyltransferase Ezh2 coordinates mammalian axon regeneration via epigenetic regulation of key regenerative pathways. 0

275 Genome-wide CRISPR screen identifies PRC2 and KMT2D-COMPASS as regulators of distinct EMT trajectories that contribute differentially to metastasis.. **2022**, 3

274 Caenorhabditis elegans MES-3 is a highly divergent ortholog of the canonical PRC2 component SUZ12.

273 Image\_1.JPEG. **2020**,

272 Table\_1.DOCX. **2020**,

271 Table\_2.DOCX. **2020**,

270 Table\_3.DOCX. **2020**,

269 Table\_4.DOCX. **2020**,

268 Table\_5.docx. **2020**,

267 Table\_6.DOCX. **2020**,

266 Table\_1.docx. **2019**,

265 Table\_1.csv. **2019**,

264 Data\_Sheet\_1.docx. **2019**,

263 Image\_1.JPEG. **2020**,

262 Image\_2.jpg. **2020**,

261 Image\_3.jpg. **2020**,



260 Image\_4.TIF. 2020,

259 Table\_1.XLSX. 2020,

258 Table\_2.xlsx. 2020,

257 Table\_3.XLSX. 2020,

256 Table\_4.XLS. 2020,

255 Image\_2.EPS. 2018,

254 Image\_3.EPS. 2018,

253 Image\_4.PDF. 2018,

252 Image\_5.PDF. 2018,

251 Table\_1.XLSX. 2018,

250 Table\_2.XLSX. 2018,

249 Table\_3.XLSX. 2018,

248 Video\_1.AVI. 2018,

247 Video\_2.AVI. 2018,

246 Video\_3.AVI. 2018,

245 Data\_Sheet\_1.doc. 2019,

244 Image\_1.TIF. 2019,

243 Image\_2.TIF. 2019,

242 Image\_3.TIF. 2019,

241 Image\_4.jpg. 2019,

240 Image\_5.TIF. 2019,

239 Image\_6.TIF. 2019,

238 Image\_7.TIF. 2019,

237 Image\_8.TIF. 2019,

236 Table\_1.DOC. 2019,

235 Table\_2.DOC. 2019,

234 Table\_3.DOC. 2019,

233 Image\_1.jpeg. 2018,

232 Table\_1.docx. 2018,

231 Table\_2.docx. 2018,

230 Table\_3.xlsx. 2018,

229 Table\_4.docx. 2018,

228 Image\_1.TIF. 2018,

227 Table\_1.XLSX. 2018,

226 Table\_2.PDF. 2018,

225 Image\_1.JPEG. 2020,

224 Image\_2.JPEG. **2020**,

223 Table\_1.docx. **2019**,

222 Image\_1.pdf. **2019**,

221 Image\_2.pdf. **2019**,

220 Image\_3.pdf. **2019**,

219 Image\_4.pdf. **2019**,

218 Image\_5.pdf. **2019**,

217 Table\_1.pdf. **2019**,

216 Table\_2.xlsx. **2019**,

215 Table\_3.pdf. **2019**,

214 Epigenetic regulation of T cells by Polycomb group proteins.. **2022**,

0

213 Argonaute proteins regulate a specific network of genes through KLF4 in mouse embryonic stem cells.. **2022**,

212 Dynamic transcriptional activity and chromatin remodeling of regulatory T cells after varied duration of interleukin-2 receptor signaling.. **2022**,

1

211 Targeting EZH1/2 induces cell cycle arrest and inhibits cell proliferation through reactivation of p57CDKN1C and TP53INP1 in mantle cell lymphoma. **2019**, 16, 530-541

4

210 Identification of Novel Insertions and Deletions in Haematopoietic Stem/Progenitor Cells in de novo Myelodysplastic Syndromes.. **2021**, 10, 228-233

209 Extracranial Rhabdoid Tumours. **2022**, 429-447

208 The Expression of Proto-Oncogene ( ) Plays a Central Role in the Oncogenic Mechanism Involved in the Development and Progression of Prostate Cancer.. **2022**, 23,

0

207 Prenatal Exposure to a Climate-Related Disaster Results in Changes of the Placental Transcriptome and Infant Temperament.. **2022**, 13, 887619

206	Inheritance of repressed chromatin domains during S phase requires the histone chaperone NPM1.. <b>2022</b> , 8, eabm3945	0
205	Epigenetic Regulation of Sex Determination and Toxicity in Non-mammalian Vertebrates. <b>2022</b> , 415-448	
204	DNA binding by polycomb-group proteins: searching for the link to CpG islands.. <b>2022</b> ,	1
203	BAP1 shapes the bone marrow niche for lymphopoiesis by fine-tuning epigenetic profiles in endosteal mesenchymal stromal cells.. <b>2022</b> ,	0
202	Development, regeneration and tumorigenesis of the urothelium.. <b>2022</b> , 149,	0
201	Pervasive male-biased expression throughout the germline-specific regions of the sea lamprey genome supports key roles in sex differentiation and spermatogenesis.. <b>2022</b> , 5, 434	1
200	Design and Synthesis of Dual EZH2/BRD4 Inhibitors to Target Solid Tumors.. <b>2022</b> ,	1
199	Long-Distance Repression by Human Silencers: Chromatin Interactions and Phase Separation in Silencers.. <b>2022</b> , 11,	1
198	Comparative whole-genome transcriptome analysis in renal cell populations reveals high tissue specificity of MAPK/ERK targets in embryonic kidney.. <b>2022</b> , 20, 112	1
197	Immunohistochemical loss of enhancer of Zeste Homolog 2 (EZH2) protein expression correlates with EZH2 alterations and portends a worse outcome in myelodysplastic syndromes.. <b>2022</b> ,	1
196	NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition.. <b>2022</b> ,	1
195	Targeting Enhancer of Zeste Homolog 2 for the Treatment of Hematological Malignancies and Solid Tumors: Candidate Structure-Activity Relationships Insights and Evolution Prospects.. <b>2022</b> ,	0
194	3D chromatin architecture and transcription regulation in cancer.. <b>2022</b> , 15, 49	3
193	EZH2-Mediated H3K27me3 Targets Transcriptional Circuits of Neuronal Differentiation. <b>2022</b> , 16,	0
192	Targeting EZH2 for cancer therapy: From current progress to novel strategies.. <b>2022</b> , 238, 114419	0
191	Ezh2 competes with p53 to license lncRNA Neat1 transcription for inflammasome activation.. <b>2022</b> ,	0
190	DNA methylation clocks for dogs and humans.. <b>2022</b> , 119, e2120887119	1
189	Epigenetic Reprogramming in Host-Parasite Coevolution: The Paradigm.. <b>2022</b> ,	0

- 188 Interplay between Polycomb PCGF protein interactomes revealed by screening under endogenous conditions.
- 187 The PRC2 molecule EED is a target of epigenetic therapy for neuroblastoma. **2022**, 101, 151238 1
- 186 Discovery of precision targeting EZH2 degraders for triple-negative breast cancer. **2022**, 238, 114462 1
- 185 EZH2 enhances proliferation and migration of trophoblast cell lines by blocking GADD45A-mediated p38/MAPK signaling pathway. **2022**, 13, 12583-12597 1
- 184 HSV-1 exploits host heterochromatin for egress.
- 183 DNA Methylation and Histone Modification Are the Possible Regulators of Preimplantation Blastocyst Activation in Mice.
- 182 JAZF1-SUZ12 dysregulates PRC2 function and gene expression during cell differentiation. **2022**, 39, 110889 0
- 181 Role of hepatitis B virus in development of hepatocellular carcinoma: Focus on covalently closed circular DNA. **2022**, 14, 866-884 0
- 180 Tumor-intrinsic PRC2 inactivation drives a context-dependent immune-desert tumor microenvironment and confers resistance to immunotherapy.
- 179 PRC2 Inactivating Mutations in Cancer are Synthetic Lethal with DNMT1 Targeted Therapy via Enhanced Viral Mimicry.
- 178 Epigenetic reprogramming of H3K27me3 and DNA methylation during leaf-to-callus transition in peach. 0
- 177 Complex Elucidation of Cells-of-Origin in Pediatric Soft Tissue Sarcoma: From Concepts to Real Life, Hide-and-Seek through Epigenetic and Transcriptional Reprogramming. **2022**, 23, 6310 0
- 176 H3K27m3 overexpression as a new, BCL2 independent diagnostic tool in follicular and cutaneous follicle center lymphomas.
- 175 RNase H1, the Gold Standard for R-Loop Detection. **2022**, 91-114 1
- 174 Not all Is SET for Methylation: Evolution of Eukaryotic Protein Methyltransferases. **2022**, 3-40
- 173 EZH2 Promotes T Follicular Helper Cell Differentiation Through Enhancing STAT3 Phosphorylation in Patients With Primary Sjögren's Syndrome. 13, 0
- 172 Nuclear Coregulatory Complexes in Tregs as Targets to Promote Anticancer Immune Responses. 13, 0
- 171 A nucleus-targeting peptide antagonist towards EZH2 displays therapeutic efficacy for lung cancer. **2022**, 622, 121894 0

170	Targeting Triple-Negative Breast Cancer by a Novel Proteolysis Targeting Chimera Degradable of Enhancer of Zeste Homolog 2.	1
169	Chemical biology and pharmacology of histone lysine methylation inhibitors. <b>2022</b> , 194840	2
168	Hypoxia induced-disruption of lncRNA TUG1/PRC2 interaction impairs human trophoblast invasion through epigenetically activating Nodal/ALK7 signalling.	0
167	Epigenetics and Early Development. <b>2022</b> , 10, 26	1
166	Caenorhabditis elegans MES-3 is a highly divergent ortholog of the canonical PRC2 component SUZ12. <b>2022</b> , 104633	0
165	PRC2, Chromatin Regulation, and Human Disease: Insights From Molecular Structure and Function. 12,	1
164	Astronauts Plasma-Derived Exosomes Induced Aberrant EZH2-Mediated H3K27me3 Epigenetic Regulation of the Vitamin D Receptor. 9,	
163	Polycomb Repressive Complex 2-Mediated H3K27 Trimethylation Is Required for Pathogenicity in Magnaporthe oryzae. <b>2022</b> , 29, 363-374	0
162	Efficient cell chatting between embryo and uterus ensures embryo implantation.	0
161	Clinicopathological analysis of expression of enhancer of zeste homologue 2 in canine mammary carcinoma. <b>2022</b> , 66, 267-272	
160	Mechanisms of chromatin-based epigenetic inheritance.	1
159	Along the Bos taurus genome, uncover candidate imprinting control regions. <b>2022</b> , 23,	
158	LINC00313 facilitates osteosarcoma carcinogenesis and metastasis through enhancing EZH2 mRNA stability and EZH2-mediated silence of PTEN expression. <b>2022</b> , 79,	0
157	PCL?????????????????????????????. <b>2022</b> ,	
156	An Unusual Benign Uterine Stromal Spindle Cell Tumor Harboring JAZF1::BCORL1. Publish Ahead of Print,	0
155	Maternal Ezh1/2 deficiency in oocyte delays H3K27me2/3 restoration and impairs epiblast development responsible for embryonic sub-lethality in mouse.	0
154	Regulatory roles of alternative splicing at Ezh2 gene in mouse oocytes. <b>2022</b> , 20,	
153	Functions and Interactions of Mammalian KDM5 Demethylases. 13,	0

- 152 PRC2 Inactivating Mutations in Cancer Enhance Cytotoxic Response to DNMT1 Targeted Therapy via Enhanced Viral Mimicry. ○
- 151 Drug Resistance Mechanisms of Acute Myeloid Leukemia Stem Cells. 12, ○
- 150 SHR2554, an EZH2 inhibitor, in relapsed or refractory mature lymphoid neoplasms: a first-in-human, dose-escalation, dose-expansion, and clinical expansion phase 1 trial. **2022**, 9, e493-e503 ○
- 149 Transition to a mesenchymal state in neuroblastoma confers resistance to anti-GD2 antibody via reduced expression of ST8SIA1. 1
- 148 Synthetic regulatory reconstitution reveals principles of mammalian Hox cluster regulation. **2022**, 377, ○
- 147 H3K27me3 shapes DNA methylome by inhibiting UHRF1-mediated H3 ubiquitination.
- 146 Molecular targets of primary cilia defects in cancer (Review). **2022**, 61,
- 145 Long non-coding RNA ZNF674-AS1 antagonizes oxaliplatin resistance of gastric cancer via regulating EZH2-mediated methylation of CHST7. ○
- 144 Targeting EZH2 to overcome the resistance to immunotherapy in lung cancer. **2022**, ○
- 143 EZH2 regulates a SETDB1/HP63 axis via RUNX3 to drive a cancer stem cell phenotype in squamous cell carcinoma. ○
- 142 Epigenetic Regulation of Stem Cells. **2022**,
- 141 Tumor-intrinsic PRC2 inactivation drives a context-dependent immune-desert microenvironment and is sensitized by immunogenic therapeutic viruses. ○
- 140 FACT subunit SUPT16H associates with BRD4 and contributes to silencing of interferon signaling. **2022**, 50, 8700-8718
- 139 A BEN-domain protein and polycomb complex work coordinately to regulate transcription. 1-6 ○
- 138 The crucial roles of long noncoding RNA SNHG3 in lung cancer.
- 137 An Epigenetic Role of Mitochondria in Cancer. **2022**, 11, 2518 5
- 136 The epigenetic state of EED-Gli3-Gli1 regulatory axis controls embryonic cortical neurogenesis. **2022**, ○
- 135 Insight into Thermodynamic and Kinetic Profiles in Small-Molecule Optimization. **2022**, 65, 10809-10847 ○

- 134 Maternal H3K36 and H3K27 HMTs protect germline development via regulation of the transcription factor LIN-15B. 11, 0
- 133 Genome-Wide Identification and analysis of Polycomb Repressive Complexes 2 core components in three cucumber genomes. 0
- 132 Multi-layered transcriptional control of cranial neural crest development. **2022**, 0
- 131 LINC-PINT suppresses cisplatin resistance in gastric cancer by inhibiting autophagy activation via epigenetic silencing of ATG5 by EZH2. 13, 0
- 130 Polycomb-mediated repression of paternal chromosomes maintains haploid dosage in diploid embryos of Marchantia. 11, 0
- 129 De Novo Polycomb Recruitment and Repressive Domain Formation. **2022**, 6, 25 1
- 128 Recent developments in the Medicinal Chemistry and therapeutic potential of anti-cancer PROTAC based molecules. **2022**, 29, 0
- 127 Non-canonical EZH2 drives retinoic acid resistance of variant acute promyelocytic leukemias. 1
- 126 Emerging role of long non-coding RNAs in asthma. **2022**, 25, 0
- 125 Chromatin compaction precedes apoptosis in developing neurons. **2022**, 5, 0
- 124 Emerging role of EZH2 in rheumatic diseases: A comprehensive review. 0
- 123 EZH2 T367 phosphorylation activates p38 signaling through lysine methylation to promote breast cancer progression. **2022**, 25, 104827 0
- 122 Critical Roles of Polycomb Repressive Complexes in Transcription and Cancer. **2022**, 23, 9574 1
- 121 Chemistries of bifunctional PROTAC degraders. **2022**, 51, 7066-7114 7
- 120 CircEXOC5 facilitates cell pyroptosis via epigenetic suppression of Nrf2 in septic acute lung injury. 1
- 119 The heterogeneity of microglial activation and its epigenetic and non-coding RNA regulations in the immunopathogenesis of neurodegenerative diseases. **2022**, 79, 1
- 118 Mutually exclusive expression of EZH2 and H3K27me3 in non-small cell lung carcinoma. **2022**, 238, 154071 0
- 117 Probing the Interaction Between Chromatin and Chromatin-Associated Complexes with Optical Tweezers. **2022**, 313-327 0



116	Evolution of Epigenetic Mechanisms in Plants: Insights from H3K4 and H3K27 Methyltransferases. <b>2023</b> , 499-519	0
115	Polycomb-group proteins and epigenetic control of gene activity. <b>2023</b> , 111-120	0
114	ARID1A-deficient bladder cancer is dependent on PI3K signaling and sensitive to EZH2 and PI3K inhibitors. <b>2022</b> , 7,	0
113	Mutation of histone H3 serine 28 to alanine influences H3K27me3-mediated gene silencing in <i>Arabidopsis thaliana</i> .	0
112	Minireview: Chromatin-based regulation of iron homeostasis in plants. 13,	0
111	Single-cell multi-omics of human clonal hematopoiesis reveals that DNMT3A R882 mutations perturb early progenitor states through selective hypomethylation. <b>2022</b> , 54, 1514-1526	1
110	Polycomb Directed Cell Fate Decisions in Development and Cancer. <b>2022</b> , 6, 28	2
109	Histone Deacetylase and Enhancer of Zeste Homologue 2 Dual Inhibitors Presenting a Synergistic Effect for the Treatment of Hematological Malignancies.	1
108	Functions and underlying mechanisms of lncRNA HOTAIR in cancer chemotherapy resistance. <b>2022</b> , 8,	2
107	Mesenchymal and adrenergic cell lineage states in neuroblastoma possess distinct immunogenic phenotypes.	0
106	Intrinsic catalytic properties of histone H3 lysine-9 methyltransferases preserve monomethylation levels under low S-adenosylmethionine.	0
105	Histone modification and histone modification-targeted anti-cancer drugs in breast cancer: Fundamentals and beyond. 13,	1
104	Interruption of aberrant chromatin looping is required for regenerating RB1 function and suppressing tumorigenesis. <b>2022</b> , 5,	0
103	High-fat diet decreases H3K27ac in mice adipose-derived stromal cells. <b>2022</b> , 30, 1995-2004	0
102	EZH2 Inhibition and Cisplatin as a Combination Anticancer Therapy: An Overview of Preclinical Studies. <b>2022</b> , 14, 4761	2
101	JMJD family proteins in cancer and inflammation. <b>2022</b> , 7,	2
100	Harnessing the cyclization strategy for new drug discovery. <b>2022</b> ,	1
99	Modulation of the high-order chromatin structure by Polycomb complexes. 10,	1

98	Regulatory non-coding RNAs: everything is possible, but what is important?.	1
97	Signaling pathways and targeted therapies in lung squamous cell carcinoma: mechanisms and clinical trials. <b>2022</b> , 7,	0
96	Prdm14 promotes mouse ESC self-renewal and PGCLC specification through enhancement of Stat3 activity. <b>2022</b> , 105293	0
95	Dual targeting of EZH1 and EZH2 for the treatment of malignant rhabdoid tumors. <b>2022</b> , 27, 14-25	1
94	The Cross-Talk between Epigenetic Gene Regulation and Signaling Pathways Regulates Cancer Pathogenesis. <b>2022</b> , 427-472	0
93	The Transcription Factor YY-1 Is an Essential Regulator of T Follicular Helper Cell Differentiation. <b>2022</b> , 209, 1566-1573	0
92	H3F3A K27M Mutation Promotes the Infiltrative Growth of High-Grade Glioma in Adults by Activating $\beta$ Catenin/USP1 Signaling. <b>2022</b> , 14, 4836	0
91	H3K27me3 in Diffuse Midline Glioma and Epithelial Ovarian Cancer: Opposing Epigenetic Changes Leading to the Same Poor Outcomes. <b>2022</b> , 11, 3376	0
90	Transcriptional Stress Memory and Transgenerational Inheritance of Drought Tolerance in Plants. <b>2022</b> , 23, 12918	1
89	Chromatin remodeling is required for sRNA -guided DNA elimination in Paramecium.	0
88	EZH2: Its regulation and roles in immune disturbance of SLE. 13,	2
87	Epigenetic factor competition reshapes the EMT landscape. <b>2022</b> , 119,	1
86	The pleiotropic roles of EZH2 in T-cell immunity and immunotherapy.	2
85	Bidirectional changes in postmitotic H3K27me3 distributions underlie cerebellar granule neuron maturation dynamics.	0
84	Loss of H3K27 trimethylation in a distinct group of de-differentiated chordoma of the skull base.	0
83	Epigenome programming by H3.3K27M mutation creates a dependence of pediatric glioma on SMARCA4.	1
82	Histone Modifications in Mouse Pronuclei and Consequences for Embryo Development. <b>2022</b> , 397-415	0
81	Role of DNMTs in the Brain. <b>2022</b> , 363-394	1

- 80 Identification of non-coding silencer elements and their regulation of gene expression. 1
- 79 Head-to-tail polymerization by VEL proteins underpins cold-induced Polycomb silencing in flowering control. **2022**, 41, 111607 0
- 78 Repression of DERL3 via DNA methylation by Epstein-Barr virus latent membrane protein 1 in nasopharyngeal carcinoma. **2022**, 166598 0
- 77 CK2-mediated phosphorylation of SUZ12 promotes PRC2 function by stabilizing enzyme active site. **2022**, 13, 0
- 76 Oncogenic Roles of Polycomb Repressive Complex 2 in Bladder Cancer and Upper Tract Urothelial Carcinoma. **2022**, 10, 2925 0
- 75 Tumor- and metastasis-promoting roles of miR-488 inhibition via HULC enhancement and EZH2-mediated p53 repression in gastric cancer. 0
- 74 Malignant meningioma. **2022**, 130, 1-58 0
- 73 Enhancer of zeste homolog 2 is a negative prognostic biomarker and correlated with immune infiltrates in meningioma. 16, 0
- 72 PRC2 direct transfer from G-quadruplex RNA to dsDNA: Implications for RNA-binding chromatin modifiers. 0
- 71 Zinc finger myeloid Neryv DEAF-1 type (ZMYND) domain containing proteins exert molecular interactions to implicate in carcinogenesis. **2022**, 13, 0
- 70 Laminin matrix adhesion regulates basal mammary epithelial cell identity. **2022**, 135, 0
- 69 Epigenetic regulator ASXL2: structure, function and its predictive value in diseases. **2022**, 24, 0
- 68 Aberrant chromatin organization at the nexus of laminopathy disease pathways. **2022**, 13, 302-314 0
- 67 ERK1/2 signalling dynamics promote neural differentiation by regulating chromatin accessibility and the polycomb repressive complex. **2022**, 20, e3000221 0
- 66 Stress-induced reversible cell-cycle arrest requires PRC2/PRC1-mediated control of mitophagy in *Drosophila* germline stem cells and human iPSCs. **2022**, 0
- 65 Modulation of sirtuins during monolayer chondrocyte culture influences cartilage regeneration upon transfer to a 3D culture environment. 10, 0
- 64 Distinct binding pattern of EZH2 and JARID2 on RNAs and DNAs in hepatocellular carcinoma development. 12, 0
- 63 H3K27me3 Demethylases Maintain the Transcriptional and Epigenomic Landscape of the Intestinal Epithelium. **2022**, 0

62	Identification of SUZ12 Haploinsufficiency due to a 1.4-Mb Deletion at 17q11.2 in a Child With Overgrowth and Intellectual Disability Syndrome. <b>2023</b> , 43, 319-322	0
61	Construction and validation of a prognostic model for hepatocellular carcinoma: Inflammatory ferroptosis and mitochondrial metabolism indicate a poor prognosis. 12,	0
60	EZH2 mutations in follicular lymphoma distort H3K27me3 profiles and alter transcriptional responses to PRC2 inhibition.	0
59	Dual-specificity RNA aptamers enable manipulation of target-specific O-GlcNAcylation and unveil functions of O-GlcNAc on Eatenin. <b>2023</b> ,	0
58	The Histone H3K27 Demethylase REF6 Is a Positive Regulator of Light-Initiated Seed Germination in Arabidopsis. <b>2023</b> , 12, 295	0
57	Discovery of IHMT-337 as a potent irreversible EZH2 inhibitor targeting CDK4 transcription for malignancies. <b>2023</b> , 8,	0
56	Histone H3K4 methyltransferase DcATX1 promotes ethylene induced petal senescence in carnation.	0
55	Novel Anti-Cancer Products Targeting AMPK: Natural Herbal Medicine against Breast Cancer. <b>2023</b> , 28, 740	1
54	De Novo Generation of Human Hematopoietic Stem Cells from Pluripotent Stem Cells for Cellular Therapy. <b>2023</b> , 12, 321	0
53	Docetaxel Enhances Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Mediated Apoptosis in Prostate Cancer Cells via Epigenetic Gene Regulation by Enhancer of Zeste Homolog 2. 41,	1
52	Chromatin mutations in pediatric high grade gliomas. 12,	0
51	The role of BMI1 in endometrial cancer and other cancers. <b>2023</b> , 856, 147129	0
50	Remarkable Synergy When Combining EZH2 Inhibitors with YM155 Is H3K27me3-Independent. <b>2023</b> , 15, 208	0
49	Structure-Based Design of the Indole-Substituted Triazolopyrimidines as New EZH2 Inhibitors for the Treatment of Lymphoma. <b>2023</b> , 66, 1063-1081	0
48	The role of EZH1 and EZH2 in development and cancer. <b>2022</b> , 55, 595-601	1
47	Beyond expression: role of phosphorylated residues of EZH2 in lineage plasticity in prostate cancer.	0
46	Unveiling the non-canonical functions of EZH2 in prostate cancer. <b>2023</b> , 14, 127-128	0
45	Exposure to high-sugar diet induces transgenerational changes in sweet sensitivity and feeding behavior via H3K27me3 reprogramming.	0

- 44 KDM6 demethylases mediate EWSR1-FLI1-driven oncogenic transformation in Ewing Sarcoma. ○
- 43 Computational strategies for PROTAC drug discovery. **2023**, 2, ○
- 42 Coevolution of the CDCA7-HELLS ICF-related nucleosome remodeling complex and DNA methyltransferases. ○
- 41 Epigenetic regulation of embryonic ectoderm development in stem cell differentiation and transformation during ontogenesis. ○
- 40 Structural basis for inactivation of PRC2 by G-quadruplex RNA. ○
- 39 A de novo missense variant in EZH1 associated with developmental delay exhibits functional deficits in *Drosophila melanogaster*. ○
- 38 Nuclear architecture and the structural basis of mitotic memory. **2023**, 31, ○
- 37 EZH2 and NF- $\kappa$ B: A context-dependent crosstalk and transcriptional regulation in cancer. **2023**, 560, 216143 ○
- 36 Constructing discriminative feature space for lncRNA-protein interaction based on deep autoencoder and marginal fisher analysis. **2023**, 157, 106711 ○
- 35 Dual role of enhancer of zeste homolog 2 in the regulation of ultraviolet radiation-induced matrix metalloproteinase-1 and type I procollagen expression in human dermal fibroblasts. **2023**, 119, 112-124 ○
- 34 miRNA let-7a inhibits invasion, migration, anchorage-independent growth by suppressing EZH2 and promotes mesenchymal to epithelial transition in MDAMB-231. **2023**, 31, 101752 ○
- 33 Comprehensive Pan-Cancer Analysis of MTF2 Effects on Human Tumors. **2023**, 47, 100957 ○
- 32 EZH2 as a prognostic-related biomarker in lung adenocarcinoma correlating with cell cycle and immune infiltrates. **2023**, 24, ○
- 31 Epigenomic machinery regulating pediatric AML: Clonal expansion mechanisms, therapies, and future perspectives. **2023**, 92, 84-101 ○
- 30 Identification of two T cell subtypes by 7 independent criteria. ○
- 29 Rare diseases of epigenetic origin: Challenges and opportunities. 14, ○
- 28 Malignant Peripheral Nerve Sheath Tumors: Latest Concepts in Disease Pathogenesis and Clinical Management. **2023**, 15, 1077 ○
- 27 Molecular Drivers of Myelodysplastic Neoplasms (MDS) Classification and Prognostic Relevance. **2023**, 12, 627 ○

- 26 Selective concurrence of the long non-coding RNA MALAT1 and the Polycomb Repressive Complex 2 to promoter regions of active genes in MCF7 breast cancer cells. ○
- 25 Transcriptomic and epigenomic analyses revealed that polycomb repressive complex 2 regulates not only developmental but also stress responsive metabolism in Brassica rapa. 14, ○
- 24 SETD2 regulates chromatin accessibility and transcription to suppress lung tumorigenesis. **2023**, 8, ○
- 23 DNAmFitAge: biological age indicator incorporating physical fitness. ○
- 22 Targeted epigenetic silencing of UCHL1 expression suppresses collagen-1 production in human lung epithelial cells. **2023**, 18, ○
- 21 Requirements for establishment and epigenetic stability of mammalian heterochromatin. ○
- 20 Three rules for epigenetic inheritance of human Polycomb silencing. ○
- 19 Epigenetics in LMNA-Related Cardiomyopathy. **2023**, 12, 783 ○
- 18 Accelerated aging in articular cartilage by ZMPSTE24 deficiency leads to osteoarthritis with impaired metabolic signaling and epigenetic regulation. ○
- 17 Dual-Regulated Mechanism of EZH2 and KDM6A on SALL4 Modulates Tumor Progression via Wnt/ECatenin Pathway in Gastric Cancer. **2023**, 68, 1292-1305 ○
- 16 Pharmacological inhibition of EZH2 by ZLD1039 suppresses tumor growth and pulmonary metastasis in melanoma cells in vitro and in vivo. **2023**, 210, 115493 ○
- 15 The lysine methyltransferase SMYD5 amplifies HIV-1 transcription and is post-transcriptionally upregulated by Tat and USP11. **2023**, 42, 112234 ○
- 14 Jarid2 promotes temporal progression of retinal progenitors via repression of Foxp1. **2023**, 42, 112237 ○
- 13 Multiomic analysis of malignant pleural mesothelioma identifies molecular axes and specialized tumor profiles driving intertumor heterogeneity. **2023**, 55, 607-618 ○
- 12 Epigenetic dosage identifies two major and functionally distinct T cell subtypes. **2023**, ○
- 11 Centenarian clocks: epigenetic clocks for validating claims of exceptional longevity. ○
- 10 EphrinA5 regulates cell motility by modulating the targeting of DNMT1 to the Ncam1 promoter via lncRNA/DNA triplex formation. ○
- 9 Alteration of the tumor microenvironment by pharmacological inhibition of EZH2 in hepatocellular carcinoma. **2023**, 118, 110068 ○

- 8 Epigenetic regulation of autophagy by histone-modifying enzymes under nutrient stress. ○
- 7 EZH2 Methyltransferase Regulates Neuroinflammation and Neuropathic Pain. **2023**, 12, 1058 ○
- 6 Distinct regulation of EZH2 and its repressive H3K27me3 mark in Polyomavirus -positive and -negative Merkel cell carcinoma. **2023**, ○
- 5 Epigenetic regulation by ASXL1 in myeloid malignancies. ○
- 4 Phosphorylation and stabilization of EZH2 by DCAF1/VprBP trigger aberrant gene silencing in colon cancer. **2023**, 14, ○
- 3 Inter-generational nuclear crosstalk links the control of gene expression to programmed genome rearrangements during theParameciumsexual cycle. ○
- 2 Polycomb-like Proteins in Gene Regulation and Cancer. **2023**, 14, 938 ○
- 1 Modulation of EZH2 Activity Induces an Antitumoral Effect and Cell Redifferentiation in Anaplastic Thyroid Cancer. **2023**, 24, 7872 ○