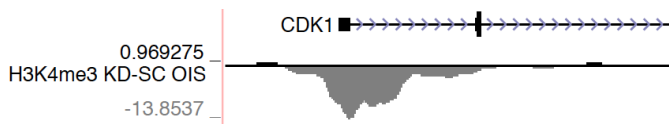


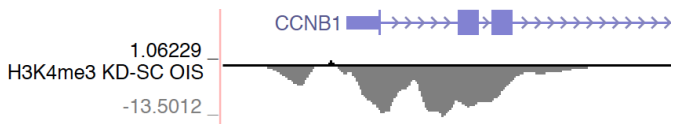
A

GO biological process	Observed	Expected	Fold enrichment	P-value
regulation of chromosome segregation	10	1.23	> 5	4.95E-03
anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic p	12	1.48	> 5	3.87E-04
mitotic prometaphase	14	1.76	> 5	3.92E-05
sister chromatid segregation	10	1.44	> 5	2.04E-02
DNA packaging	19	2.79	> 5	9.51E-07

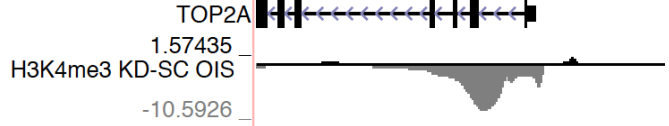
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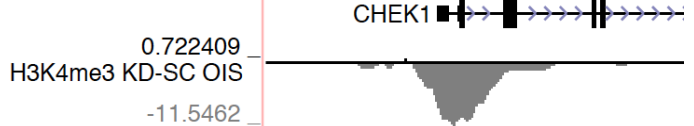
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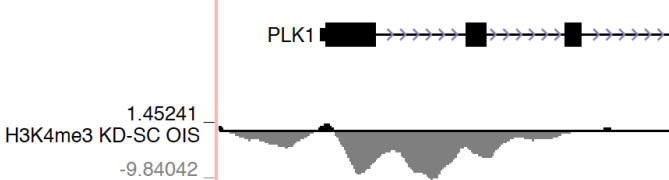
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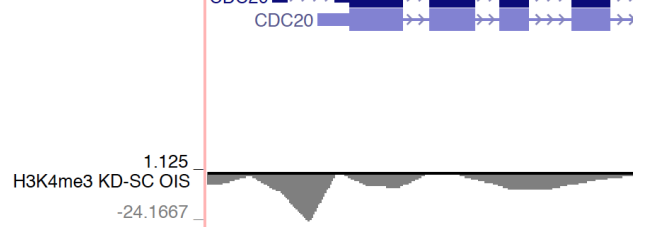
E



F



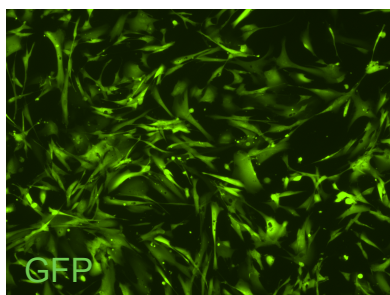
G



H

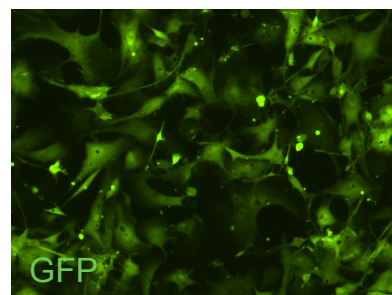
GO biological process	Observed	Expected	Fold enrichment	P-value
mitotic spindle elongation	5	0.17	> 5	8.98E-03
spindle elongation	5	0.2	> 5	1.59E-02
regulation of attachment of spindle microtubules to kinetochore	5	0.24	> 5	4.18E-02
histone-serine phosphorylation	5	0.24	> 5	4.18E-02
microtubule cytoskeleton organization involved in mitosis	10	0.59	> 5	5.89E-06

I



Control

J



OIS