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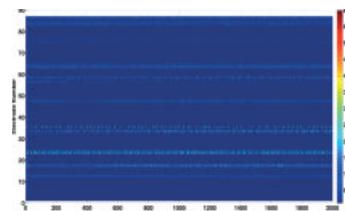
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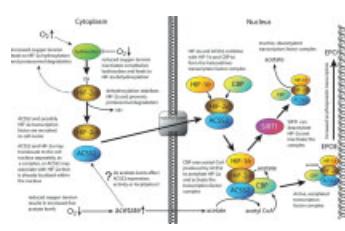


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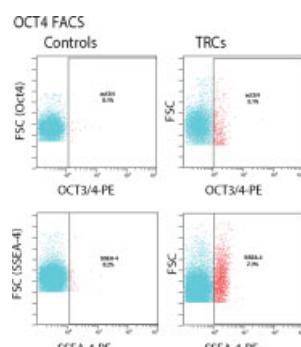
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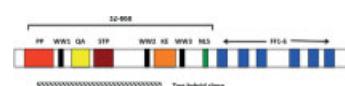


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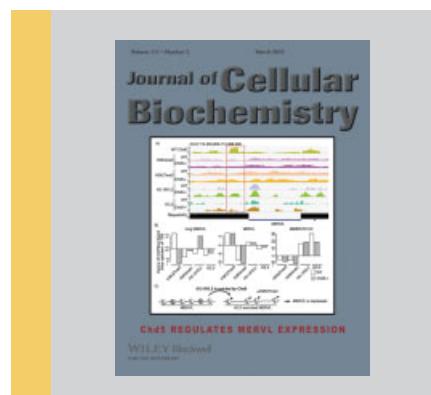
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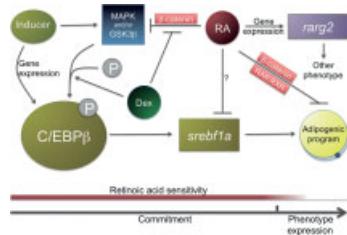
Cover: Histone H3.1/H3.2 accumulation and H3K27me3 modification around MERVL were changed in Chd5-/- mESCs. A: Representative IGV screenshot indicates H3.1/H3.2 accumulation around MERVL (in accordance with Chd5), which was increased in Chd5-/- mESCs. B: Accumulation of each ChIP-Seq signal around long MERVL was compared by Z-score. Not only increased H3.1/H3.2, but reduced H3K27me3 was revealed. C: Schematic representation of Chd5 function. Chd5 removes H3.1/H3.2, generating a relatively H3.3-rich chromatin structure. H3K27me3 is preferentially added to this relatively H3.3-rich chromatin, and MERVL is repressed. See article by Hayashi et al. on pages 780–792.

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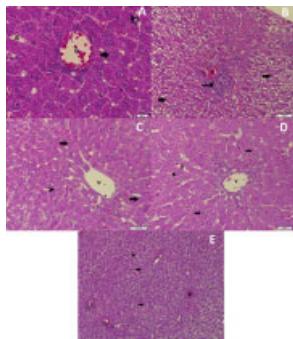


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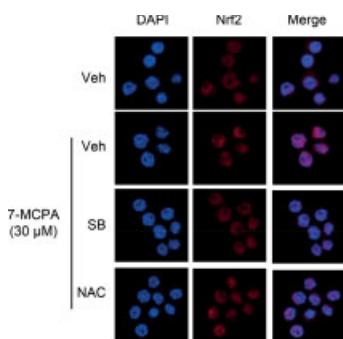
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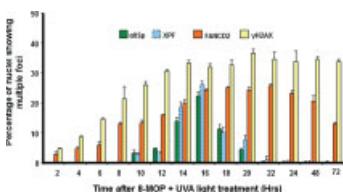
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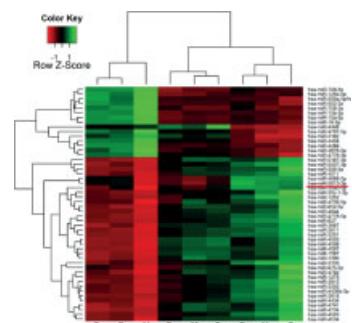
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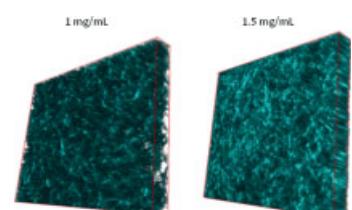


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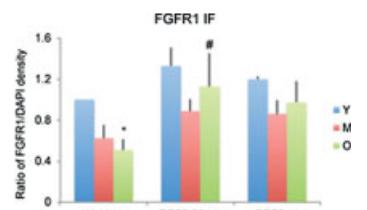


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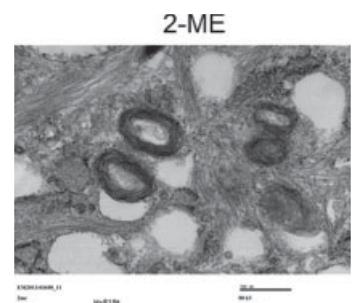
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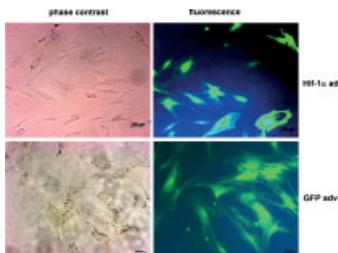
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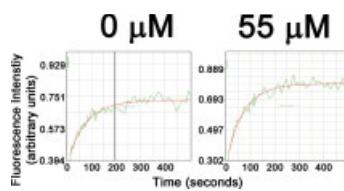
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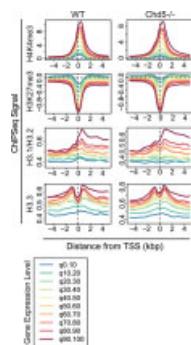
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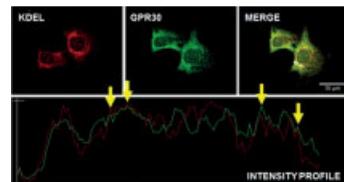
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