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## SETD1 HISTONE 3 LYSINE 4 METHYLTRANSFERASE COMPLEX COMPONENTS IN EPIGENETIC REGULATION

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## SETD1 HISTONE 3 LYSINE 4 METHYLTRANSFERASE COMPLEX COMPONENTS IN EPIGENETIC REGULATION



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#### Abstract

: Setd1 histone 3 lysine 4 methyltransferases are critical for epigenetic regulation and gene expression. Setd1a is multiprotein complex comprised of several critical subunits including wdr82, which is essential for embryonic development, and cfp1, critical for regulation of both activation and repression of transcriptional programs required in basic and developmental cellular processes.


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