Molecular Cancer Research

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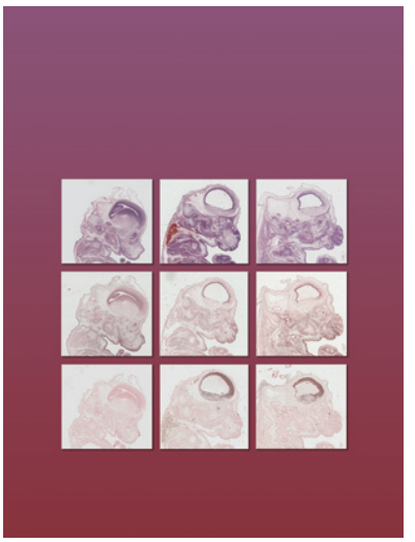
ABOUT THE COVER

The development of the normal murine embryonic brain (left column) requires Mdm4 as *Mdm4* deficiency results in a porencephaly phenotype (middle column) that leads to decreased proliferation (middle row) and increased apoptosis (bottom row). While biochemically Mdm4 has a stronger affinity for p73 than p53, *p73* loss does not alter the phenotype (right column) which is completely rescued by *p53* deletion. Thus, even though both p53 and p73 are transcriptionally functional at this developmental stage and time point, the porencephaly phenotype is dominated by p53. See the article by Tashakori and colleagues (beginning on page 56) for more information.



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