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## SPECIALTY SECTION

This article was submitted to  
Epigenomics and Epigenetics,  
a section of the journal  
Frontiers in Cell and Developmental  
Biology

RECEIVED 06 October 2022

ACCEPTED 23 November 2022

PUBLISHED 09 December 2022

## CITATION

Li Z, Qiao J, Ma W, Zhou J, Gu L, Deng D  
and Zhang B (2022), Corrigendum:  
P14AS upregulates gene expression in  
the CDKN2A/2B locus through  
competitive binding to PcG  
protein CBX7.  
*Front. Cell Dev. Biol.* 10:1062931.  
doi: 10.3389/fcell.2022.1062931

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# Corrigendum: P14AS upregulates gene expression in the CDKN2A/ 2B locus through competitive binding to PcG protein CBX7

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## KEYWORDS

LncRNA, P14AS, CBX7, P16INK4A, P14ARF, P15INK4B

## A Corrigendum on

### P14AS upregulates gene expression in the CDKN2A/2B locus through competitive binding to PcG protein CBX7

by Li Z, Qiao J, Ma W, Zhou J, Gu L, Deng D and Zhang B (2022). *Front. Cell Dev. Biol.* 10: 993525. doi: 10.3389/fcell.2022.993525

In the published article, there was an error in [Figure 6](#) as published. Part of the gel picture was not displayed. The corrected [Figure 6](#) and its full caption “P14AS competitively binds to CBX7 and prevents the binding of CBX7 to ANRIL and P14<sup>ARF</sup>, P15<sup>INK4B</sup>, P16<sup>INK4A</sup> promoters” are shown at the end of the article.

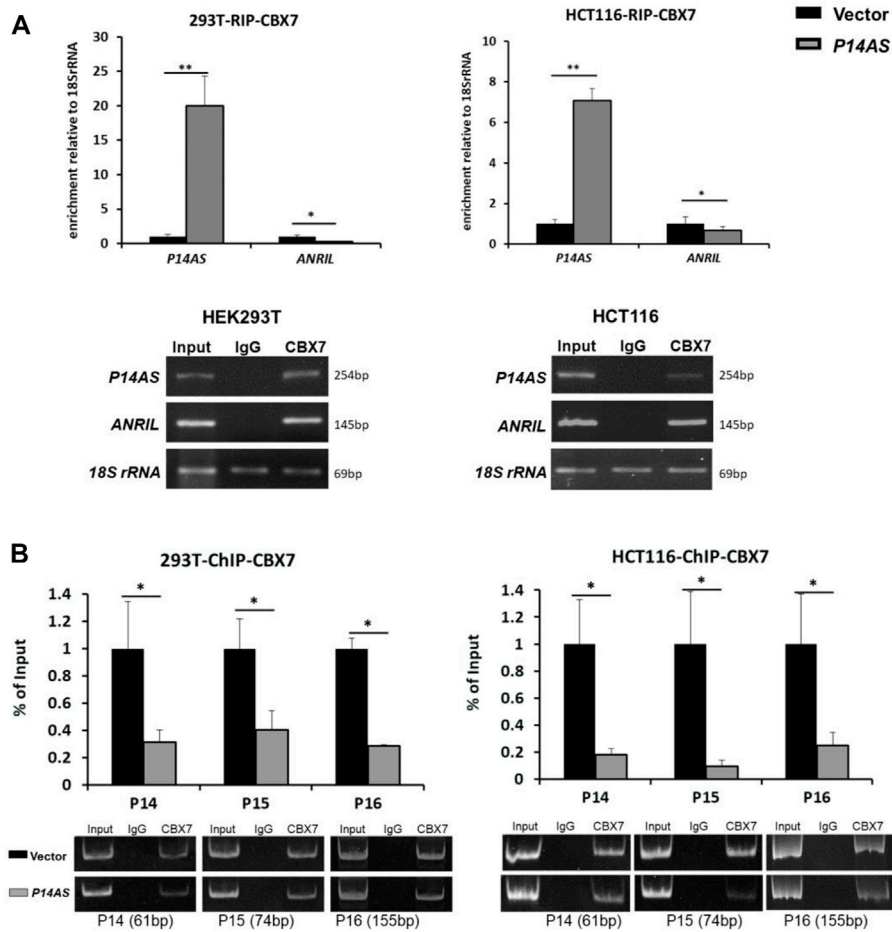
In the published article, there was also another error: “and” was lost in the first sentence in the discussion section. A correction has been made to **Discussion, Paragraph 1**.

This sentence previously stated: “It has been reported that both lncRNA ANRIL promoters of P14<sup>ARF</sup>, P15<sup>INK4B</sup>, P16<sup>INK4A</sup> can directly bind to the PcG proteins including CBX7”

The corrected sentence is as follows:

“It has been reported that both lncRNA ANRIL and promoters of P14<sup>ARF</sup>, P15<sup>INK4B</sup>, P16<sup>INK4A</sup> can directly bind to the PcG proteins including CBX7”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.



**FIGURE 6**  
*P14AS* competitively binds to CBX7 and prevents the binding of CBX7 to *ANRIL* and to *P14<sup>ARF</sup>*, *P15<sup>INK4B</sup>*, *P16<sup>INK4A</sup>* promoters. **(A)** Levels of *P14AS* and *ANRIL* binding to endogenous CBX7, as determined by RIP-qPCR analyses; and **(B)** binding of gene promoters to endogenous CBX7, as determined by ChIP-qPCR analyses. The experiments were repeated using both HEK293T and HCT116 cell lines.

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