frontiers | Frontiers in Immunology

TYPE Correction
PUBLISHED 23 December 2025
DOI 10.3389/fimmu.2025.1748838

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OPEN ACCESS

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RECEIVED 18 November 2025
REVISED 18 November 2025
ACCEPTED 27 November 2025
PUBLISHED 23 December 2025

CITATION
Li J, He Y, Qu Y, Ren C, Wang X, Cheng Y, Sun L, Zhang X and Zhang G (2025) Correction: Promotion of BST2 expression by the transcription factor IRF6 affects the progression of endometriosis. *Front. Immunol.* 16:1748838. doi: 10.3389/fimmu.2025.1748838

Correction: Promotion of BST2 expression by the transcription factor IRF6 affects the progression of endometriosis

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KEYWORDS

endometriosis, transcription factor, immune-related genes, NF-κB, lymphangiogenesis, feedback loop

A Correction on

Promotion of BST2 expression by the transcription factor IRF6 affects the progression of endometriosis

By Li J, He Y, Qu Y, Ren C, Wang X, Cheng Y, Sun L, Zhang X and Zhang G (2023) *Front. Immunol.* 14:1115504. doi: 10.3389/fimmu.2023.1115504

There was a mistake in Figure 3B as published. Two small images (a and b) were placed in the wrong position.

The corrected Figure 3B appears below. The positions of the two images have been swapped and updated.

Also, due to figure compression, the quality of the Western blot images for β-tubulin in Figure 2F and actin in Figure 6A was compromised. To avoid misleading readers, we have uploaded high-quality versions of these two WB images as requested.

High-quality raw image of β-tubulin in Figure 2F:

High-quality raw image of actin in Figure 6A:

The original version of this article has been updated.

10.3389/fimmu.2025.1748838

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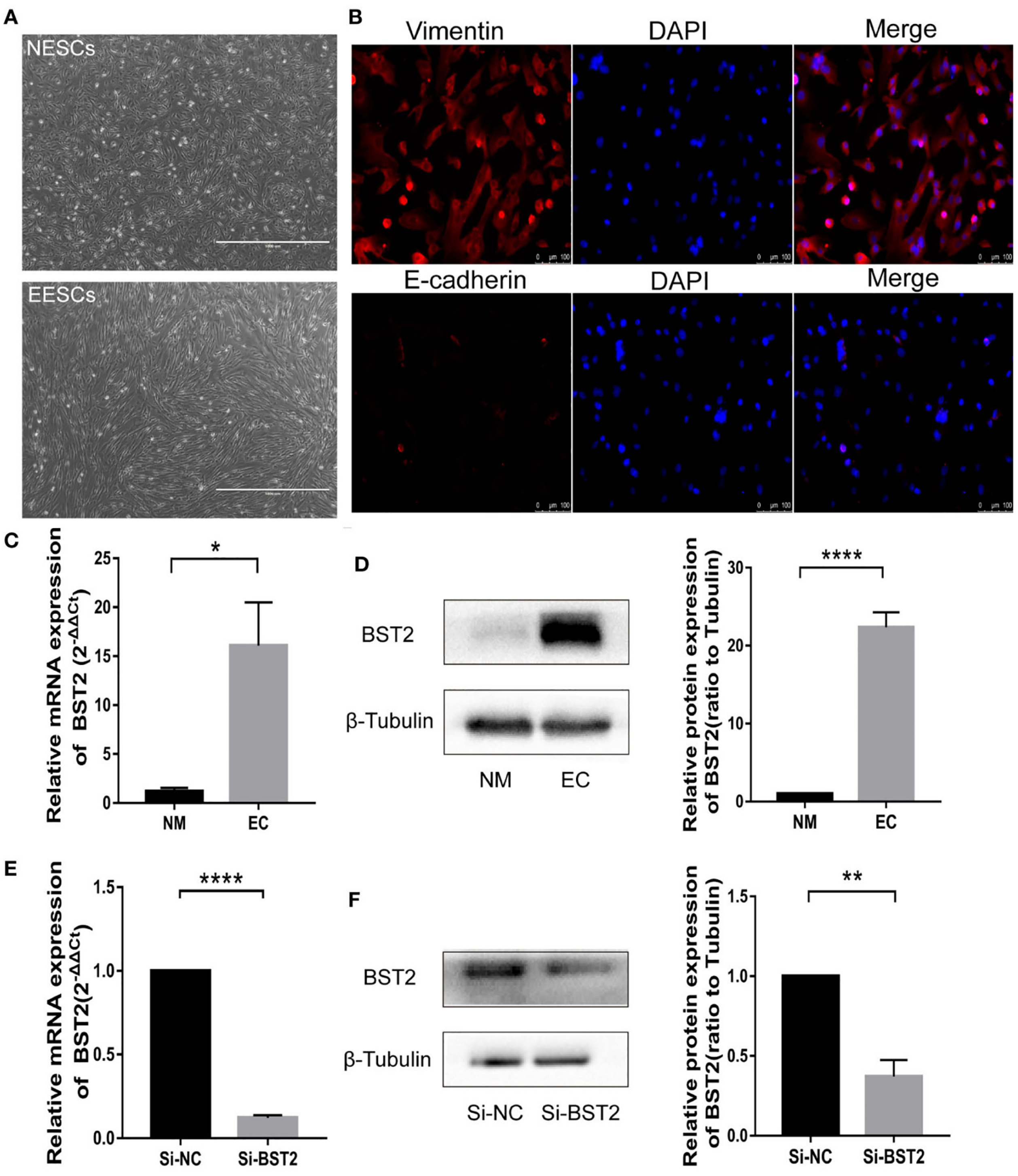

FIGURE 2
Identification of endometrial stromal cells and BST2 expression at the cellular level. **(A, B)**, The identification of endometrial stromal cells on the morphology **(A)** and Immunofluorescence **(B)**. **(C, D)**, BST2 mRNA **(C)** and protein **(D)** expression at the cellular level. **(E, F)**, Identification of the transfection efficiency of Si-BST2 at the mRNA **(E)** and protein **(F)** levels. $*p < 0.05$; $**p < 0.01$; $****p < 0.0001$.

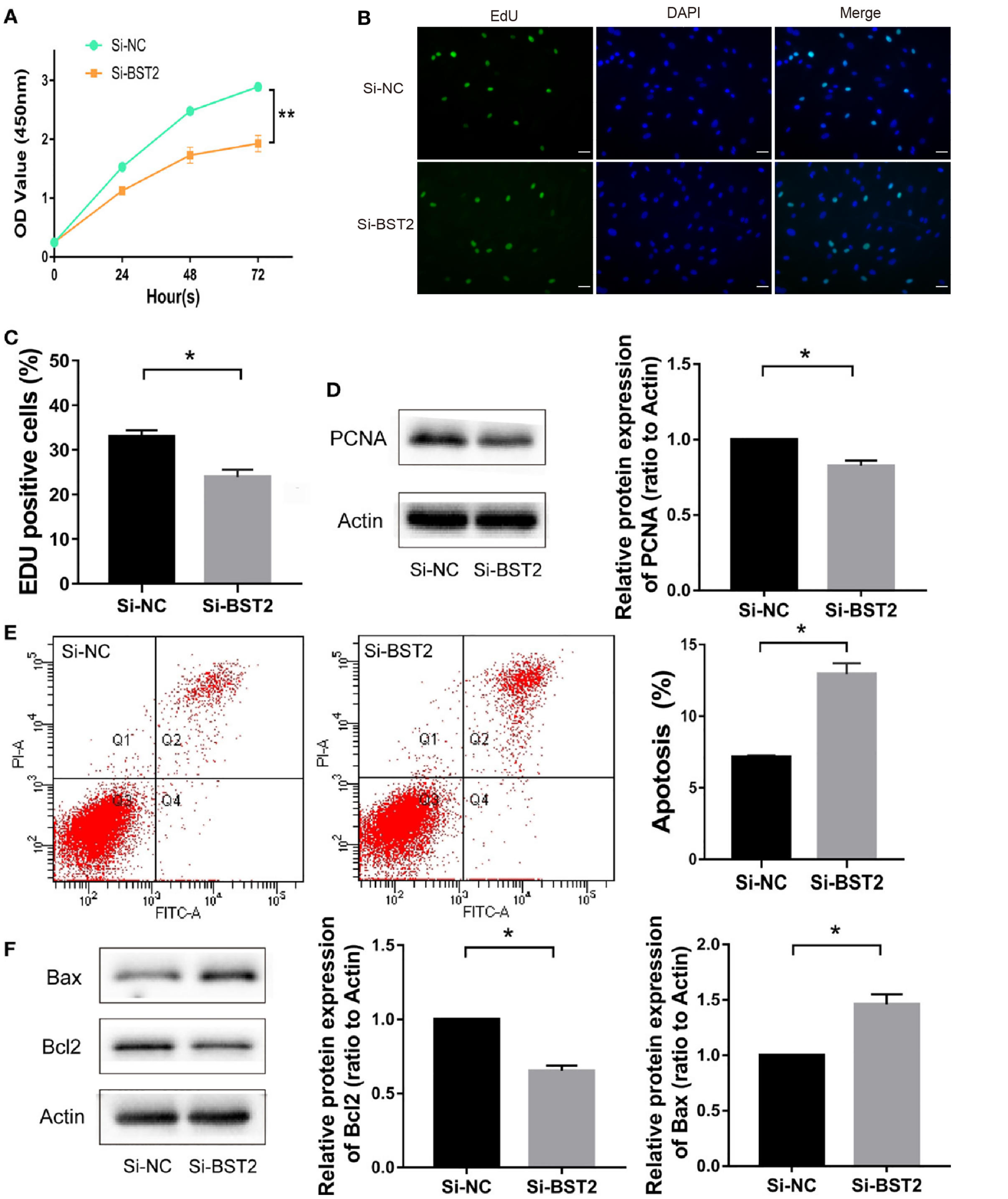

FIGURE 3
The effect of BST2 on cell proliferation and apoptosis. **(A–C)**, The proliferation of EESCs was examined by CCK-8 assay **(A)** and EdU **(B, C)** after Si-BST2 or Si-NC treatment for 48 h. **(D)**, The proliferation-related protein PCNA was measured by Western blot assay after Si-BST2 or Si-NC treatment for 48 h. **(E)**, The Flow cytometry was performed to detect the apoptosis rates of the EESCs transfected with Si-BST2 or Si-NC. **(F)**, Western blot analysis was used to measure the levels of Bax and Bcl2 in cells transfected with Si-BST2 or Si-NC. *p < 0.05; **p < 0.01.

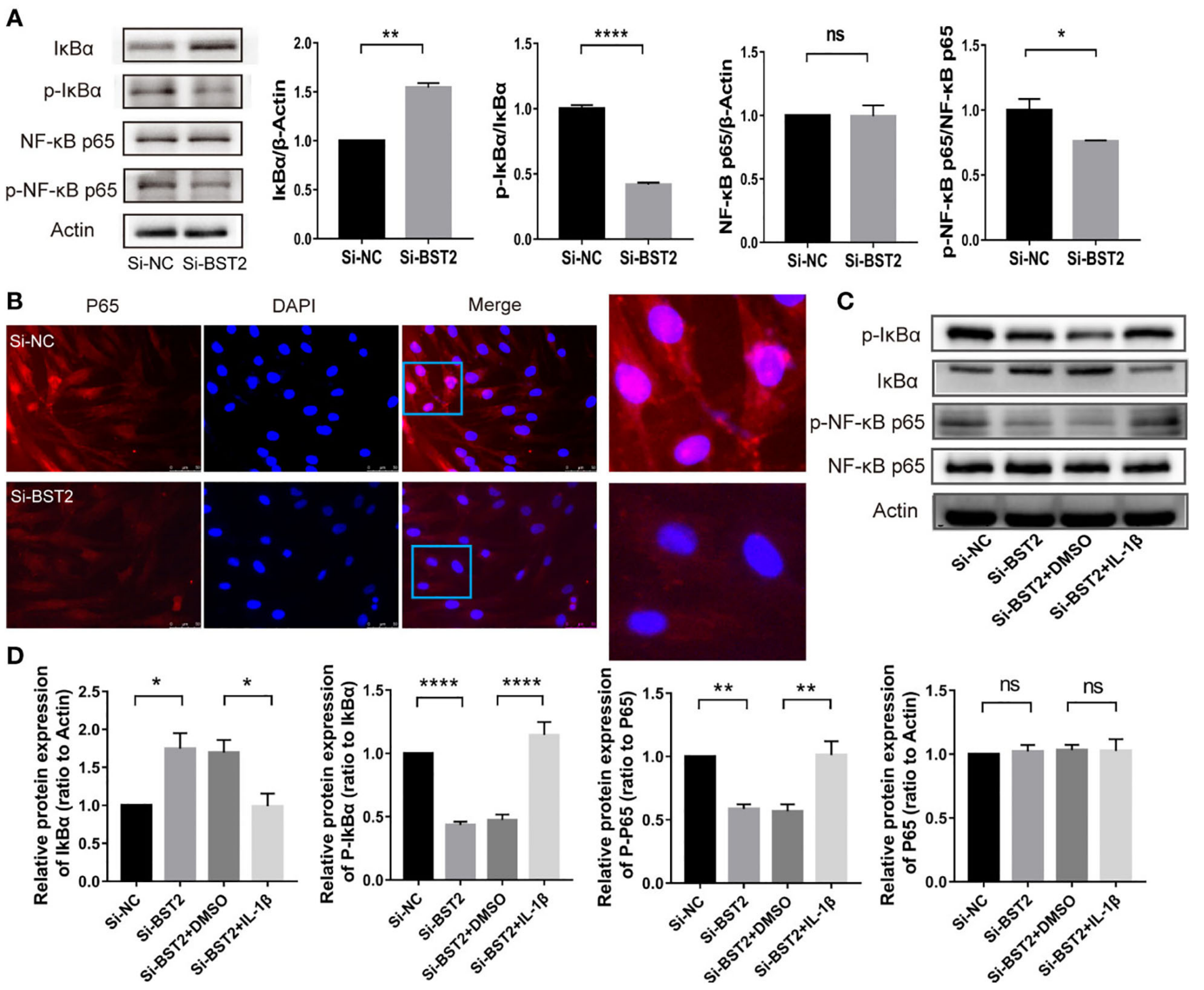

FIGURE 6
BST2 activated the NF-κB signaling pathway. **(A)**, The expressions of key proteins of NF-κB pathway were measured by western blot analysis after transfection with Si-BST2 or Si-NC for 48h. **(B)**, The Representative images of Immunofluorescence showed the cellular localization of NF-κB p65 protein in EESCs after transfection with Si-BST2 or Si-NC for 48h. **(C, D)**, The protein expressions of NF-κB pathway were measured by western blot analysis after treatment with Si-BST2 or Si-NC or/and the NF-κB pathway activator IL-1β. ns, $p \geq 0.05$; *$p < 0.05$; **$p < 0.01$; ****$p < 0.0001$.