

Retraction

A dedicated translation factor controls the synthesis of the global regulator Fis

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In the above report, we presented data indicating that BipA, a protein that shares sequence identity with translational elongation factors, is required for the expression of the transcriptional modulator Fis. As part of our ongoing studies into BipA, we discovered that we were unable to reproduce data presented in Figures 4 and 6C of the paper, which were generated by JGP when he was in CDOC's laboratory. Specifically, we have been unable to reproduce immunoblots indicating that BipA is required for the efficient expression of Fis protein and, using a reconstructed version of the plasmid pJGP1, find that there is no significant difference in the level of Fis translation in the presence or absence of BipA. While we are confident that the experiments concerning the interactions of BipA with 70S ribosomes are valid, we conclude that the results shown in Figures 4 and 6C are unsound and therefore wish to retract the paper. The second author of the paper is no longer at the University of Southampton and has not signed the retraction.

The authors apologize for any inconvenience.