

CORRECTION

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Correction: ARHGAP44-mediated regulation of the p53/C-myc/Cyclin D1 pathway in modulating the malignant biological behavior of osteosarcoma cells

Shizhe Li^{1,2†}, Jiancheng Xue^{3†}, He Zhang² and Guanning Shang^{2*}

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The original article [1] has been corrected.

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Following publication of the original article [1], the authors identified an error in Fig. 1. The correct figure is given below.

[†]Shizhe Li and Jiancheng Xue have contributed equally to this work and share first authorship.

The original article can be found online at <https://doi.org/10.1186/s13018-023-04406-z>.

*Correspondence:
Guanning Shang
cmushanggn@126.com

¹ Department of Orthopedics, The First Affiliated Hospital of Jinzhou Medical University, Jinzhou, Liaoning, China

² Department of Orthopedics, Shengjing Hospital of China Medical University, Shenyang, Liaoning, China

³ Medical Research Center, Shengjing Hospital of China Medical University, Shenyang, Liaoning, China



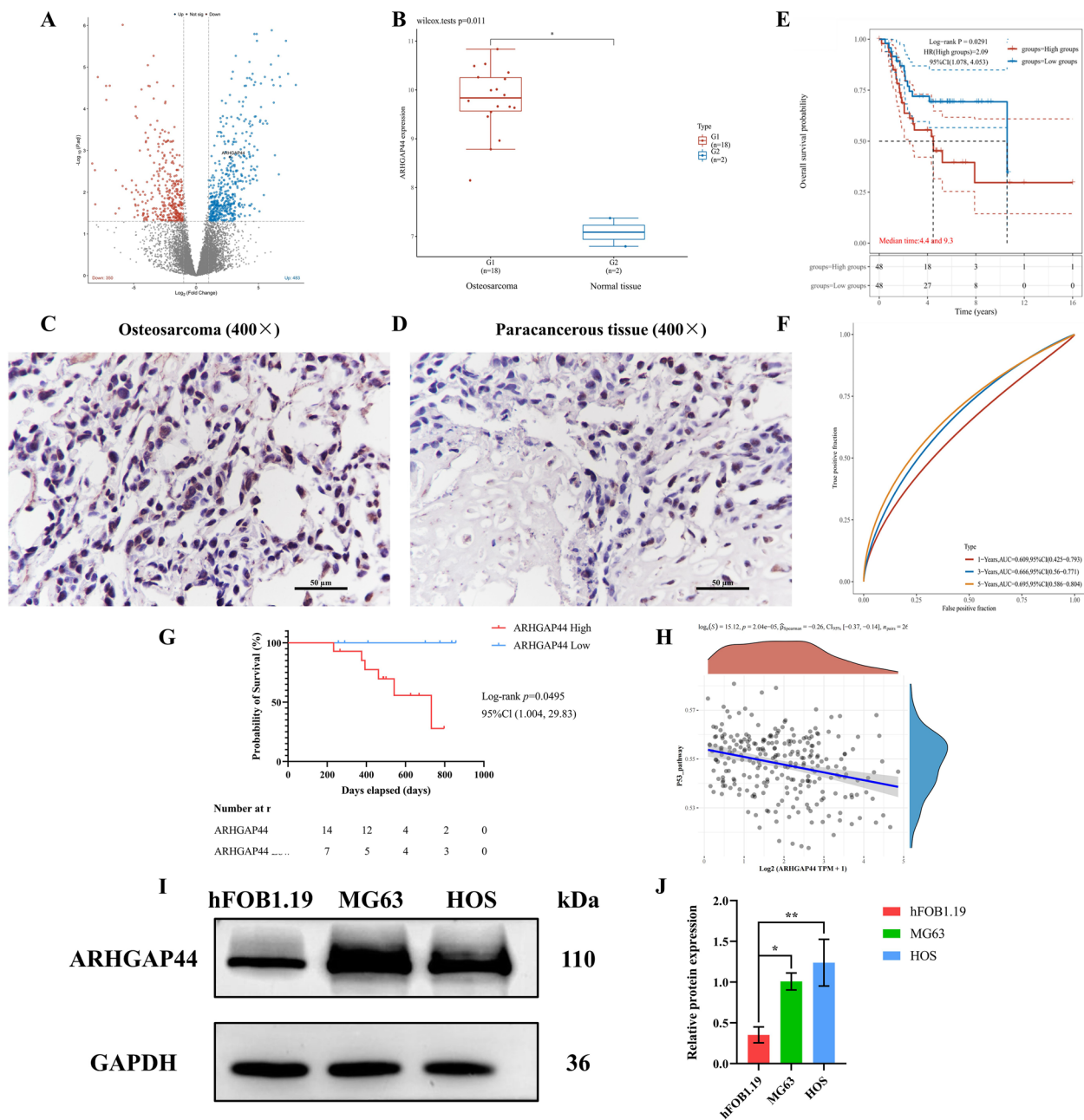


Fig. 1 Bioinformatic and immunohistochemical results for the detection of the differential expression of *ARHGAP44* in osteosarcoma, correlation with tumor prognosis, and correlation with p53. **A** Differential gene analysis of GSE14359, as obtained using GEO database; **B** The expression level of *ARHGAP44* in osteosarcoma tissues was higher than that in paracancerous tissues, $p = 0.011$; **C** Immunohistochemical results of *ARHGAP44* in osteosarcoma tissue showing deeply stained brown–yellow nuclei, images were recorded using $\times 400$ magnification; **D** Immunohistochemical positive expression of *ARHGAP44* in paracancerous tissues was lower than that in tumor tissues, images were recorded using $\times 400$ magnification; **E** Kaplan–Meier survival curves of patients with high and low *ARHGAP44*-expressing osteosarcoma, $p = 0.0291$; **F** ROC model for 1-, 3-, and 5-year survival in patients with high *ARHGAP44* expression; **G** KM survival analysis established based on immunohistochemical results of clinical specimens, $p = 0.0495$; **H** TCGA database showing that *ARHGAP44* expression in osteosarcoma was negatively correlated with *p53*, $p = 2.04e-05$, with a Spearman correlation coefficient of -0.26 ; **I–J** Western blotting results of *ARHGAP44* expression in osteosarcoma and osteoblastic cell lines, * for $p < 0.05$, ** for $p < 0.01$

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