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Author Correction: Inhibitory effects of dopamine receptor D₁ agonist on mammary tumor and bone metastasis

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This Article contains an error in Figure 2D where the image for DMSO control siRNA at 0 h was inadvertently duplicated from the image for DMSO control at 0 h.

In addition, in the Supplementary Figure 2E, the images for eIF2 α were incorrectly taken from the images for non-specifically stained band images, and in the legend micromolar “ μ M” was incorrectly given twice as millimolar “mM”.

The correct Figure 2 and Supplementary Figure 2 and accompanying legend appear below.

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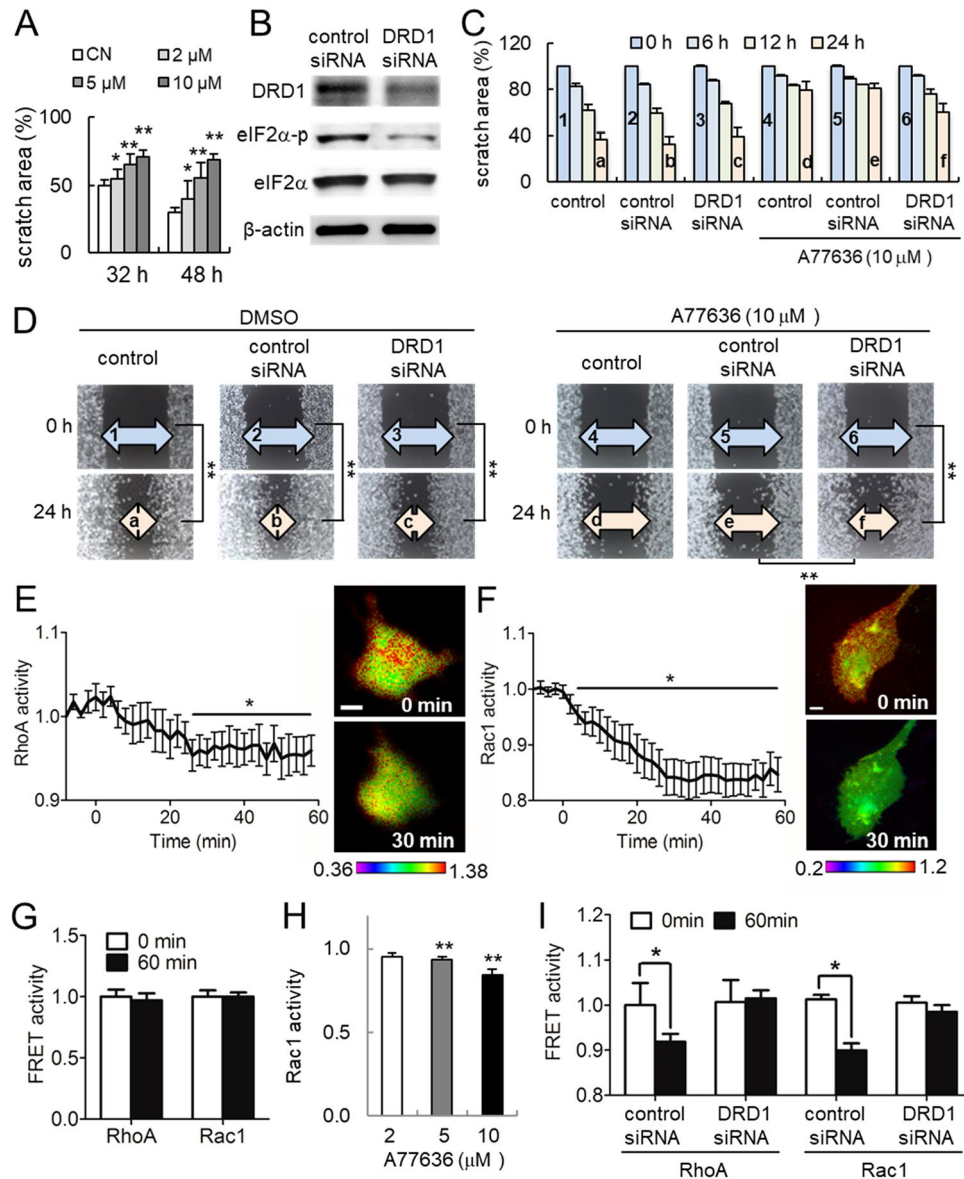


Figure 2. Inhibitory effects of A77636 on the migration of MD231 cells. The single and double asterisks indicate $p < 0.05$ and $p < 0.01$, respectively. (A) Dose-dependent suppression of cellular migration in response to 2, 5, and 10 μM A77636. Of note, CN = control. (B) Partial silencing of dopamine receptor D1 (DRD1) with DRD1 siRNA. (C, D) Wounded area with and without DRD1 siRNA in the presence and absence of 10 μM A77636. The double asterisk indicates $p < 0.01$. (E, F) FRET-based activities of RhoA and Rac1 GTPases, respectively, in response to 10 μM A77636. (G) Stationary FRET-based activities of RhoA and Rac1 GTPases in the absence of A77636. (H) Rac1 activity after 1 h treatment with 1, 5, and 10 μM A77636. (I) FRET-based RhoA and Rac1 activities in the presence and absence of DRD1 siRNA in response to 10 μM A77636.

Additional information

Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1038/s41598-022-22386-8>.

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