

Corrigendum

Corrigendum to “miR-1-Mediated Induction of Cardiogenesis in Mesenchymal Stem Cells via Downregulation of Hes-1”

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In Figure 2(a) of the published article entitled “miR-1-Mediated Induction of Cardiogenesis in Mesenchymal Stem Cells via Downregulation of Hes-1,” [1] the authors admit to

being careless in altering nonspecific belts, stains, or scratches in the Nkx2.5, cTnT, and CX43 panels. The original figures are presented here.

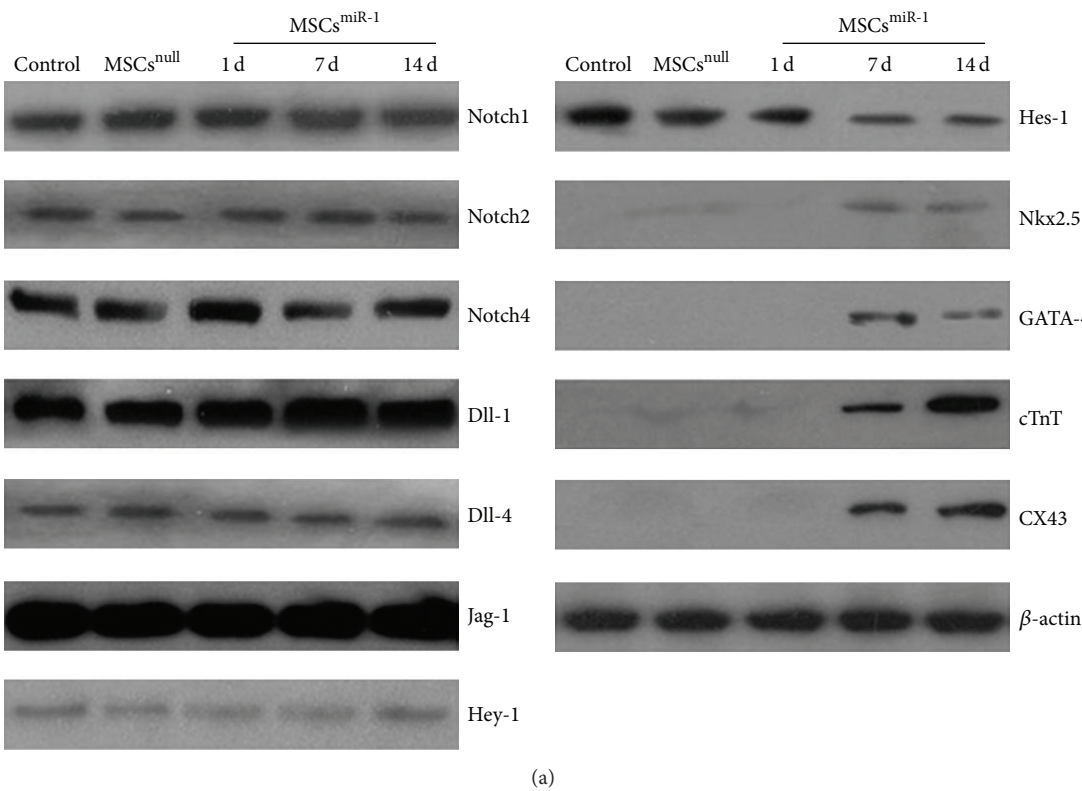


FIGURE 2: Continued.

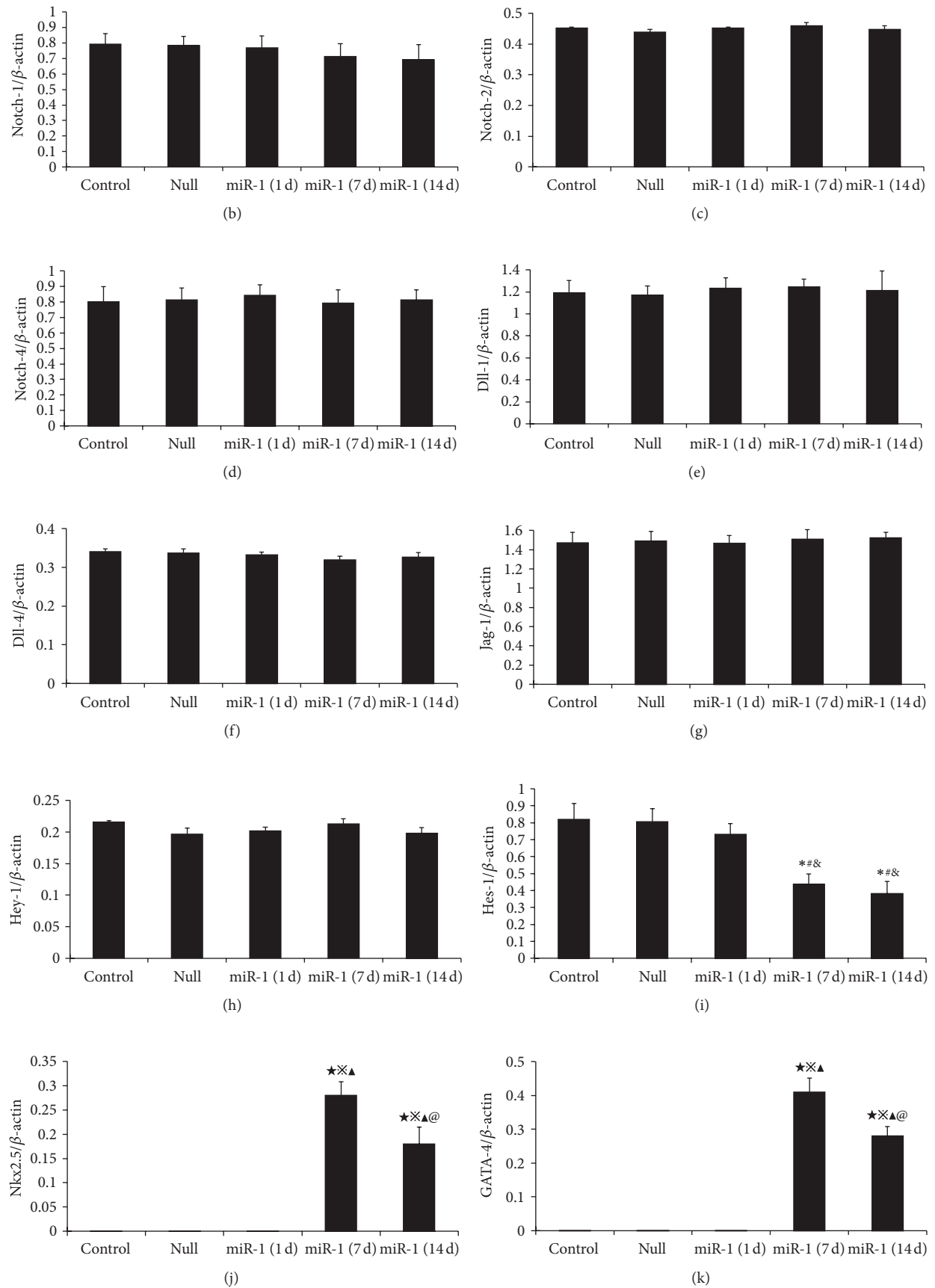


FIGURE 2: Continued.

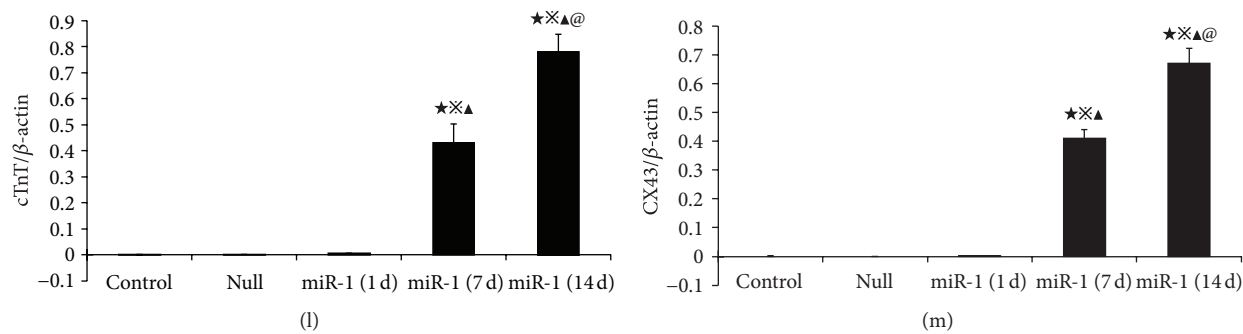


FIGURE 2: Western blot was performed for Notch signaling and cardiomyocyte-specific markers in MSCs, MSCs^{null}, and MSCs^{miR-1} (1 d, 7 d, and 14 d). (a) Expression of Notch-1, Notch-2, Notch-4, Dll-1, Dll-4, Jag-1, Hes-1, and Hey-1 were detected on MSCs. Semiquantitative data showed that the ratio of optical density for Notch-1, Notch-2, Notch-4, Dll-1, Dll-4, Jag-1, and Hey-1 did not alter in MSCs^{miR-1} on days 1, 7, and 14 (b)–(h). The expression of Hes-1 (i) in MSCs^{miR-1} was decreased by days 7 and 14. In MSCs^{miR-1}, the expression of Nkx2.5 (j) and GATA-4 (k) were detected on day 7 and decreased by day 14. cTnT (l) and CX43 (m) expression were detected on day 7 and significantly increased by day 14 (control = MSCs; null = MSCs^{null} = MSCs infected with mock lentiviral vectors without miR-1; miR-1 = MSCs^{miR-1} = MSCs infected with miR-1 recombinant lentiviral vectors; compared to MSCs, **P* < 0.05, ***P* < 0.01; compared to MSCs^{null}, #*P* < 0.05, ^*P* < 0.01; compared to MSCs^{miR-1} (1 d), &*P* < 0.05, ▲*P* < 0.01; compared to MSCs^{miR-1} (7 d), @*P* < 0.05).

References

- [1] F. Huang, L. Tang, Z.-F. Fang, X.-Q. Hu, J.-Y. Pan, and S.-H. Zhou, “miR-1-mediated induction of cardiogenesis in mesenchymal stem cells via downregulation of Hes-1,” *BioMed Research International*, vol. 2013, Article ID 216286, 9 pages, 2013.