

CORRECTION

Correction: TFAP2 paralogs facilitate chromatin access for MITF at pigmentation and cell proliferation genes

The *PLOS Genetics* Staff

[Fig 6](#) is incorrect. Magnified images do not appear in the figure. The publisher apologizes for the error. The authors have provided a corrected version of [Fig 6](#) here.



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Citation: The *PLOS Genetics* Staff (2022)

Correction: TFAP2 paralogs facilitate chromatin access for MITF at pigmentation and cell proliferation genes. *PLoS Genet* 18(8): e1010378. <https://doi.org/10.1371/journal.pgen.1010378>

Published: August 29, 2022

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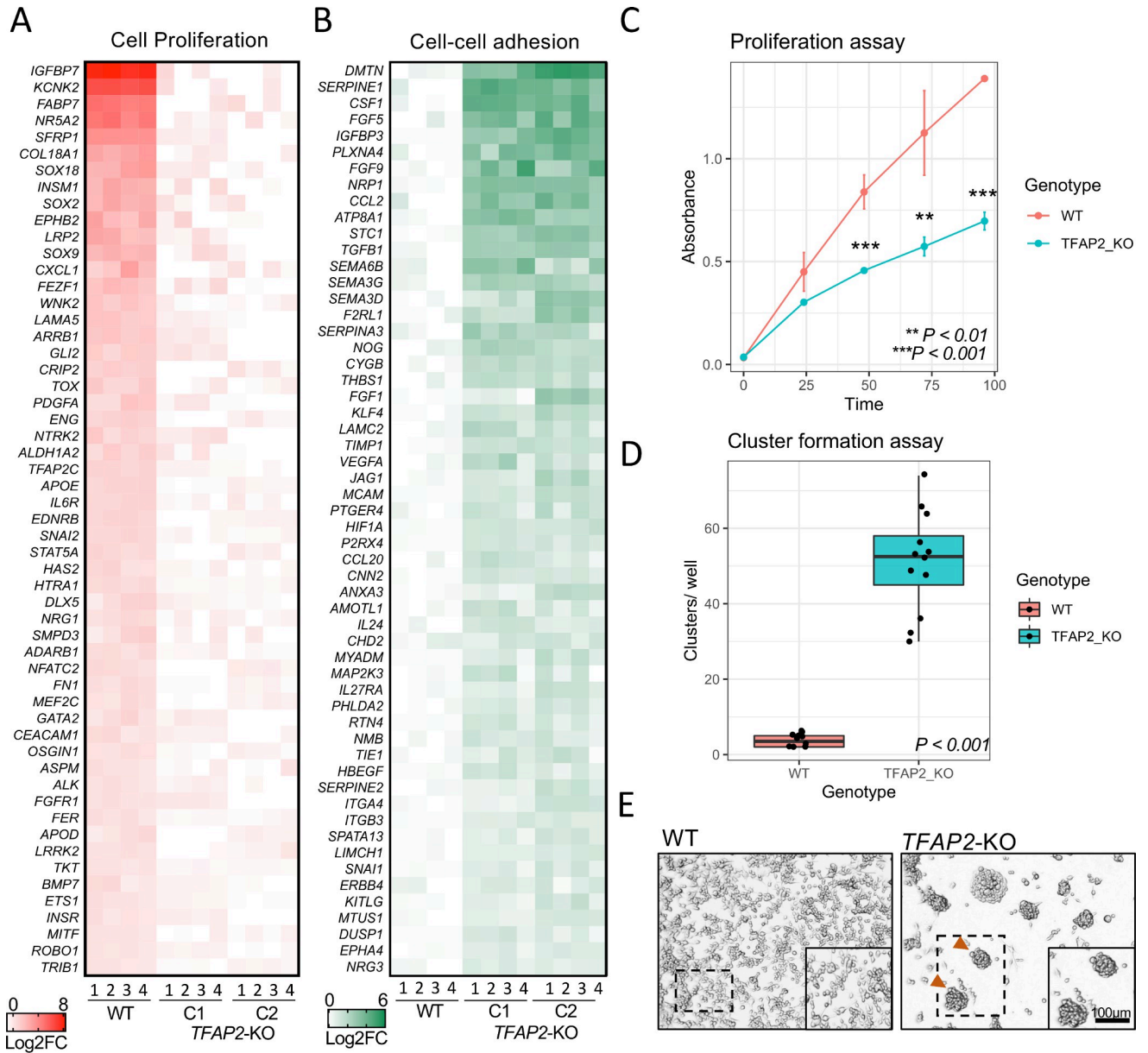


Fig 6. TFAP2 paralogs promote cell proliferation and inhibit cell-cell adhesion in a melanoma cell line. (A) Heatmap representing the top 55 directly TFAP2-activated genes and (B) the top 55 directly TFAP2-inhibited genes that are associated with the GO terms cell pigmentation and cell-cell adhesion, respectively. Four replicate RNA-Seq experiments are shown for WT cells and two clones of TFAP2-KO cells (Clone 2.12 and Clone 4.3) (FDR < 0.05). (C) Growth curves (mean ± SE of mean) over 100 hours of cultivation for WT and TFAP2-KO SK-MEL-28 cells. x-axis is time and y-axis is absorbance at 450nm which is directly proportional to number of living. (D) Box plots representing the quantification of cluster formation on low-bind plates after 72 hours of culture (n = 12 independent experiments, p < 0.001 by Student's t-test, plot shows mean ± SD). (E) Representative images of clusters formed in WT and TFAP2-KO cells after 72 hours.

<https://doi.org/10.1371/journal.pgen.1010378.g001>

Reference

1. Kenny C, Dilshat R, Seberg HE, Van Otterloo E, Bonde G, Helverson A, et al. (2022) TFAP2 paralogs facilitate chromatin access for MITF at pigmentation and cell proliferation genes. *PLoS Genet* 18(5): e1010207. <https://doi.org/10.1371/journal.pgen.1010207> PMID: 35580127