

Senescence-associated lineage-aberrant plasticity evokes T-cell-mediated tumor control

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This manuscript has been previously reviewed at another journal. This document only contains information relating to versions considered at Nature Communications.

This file contains all reviewer reports in order by version, followed by all author rebuttals in order by version.

Version 0:

Reviewer comments:

Reviewer #1

(Remarks to the Author)

The revised version of the manuscript addresses most reviewers' comments and is now much improved. A change in terminology addressed the main concern regarding the lack of evidence of transdifferentiation of senescent B cells into myeloid-like cells—the new term “cross-differentiation” better reflects the findings. The manuscript was also strengthened by additional data showing a similar pattern lineage lineage-induced plasticity occurring beyond B cell lymphomas.

Reviewer #2

(Remarks to the Author)

Although the authors did not provide experimental data or additional analysis for every point raised, they made a thorough effort to address all the concerns. Their responses were thoughtful and comprehensive, demonstrating a commitment to improving the manuscript based on the feedback. The revisions have significantly strengthened the paper, and it is now suitable for publication in its current form.

Reviewer #3

(Remarks to the Author)

The authors have addressed my questions adequately. I have no further comments.

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