

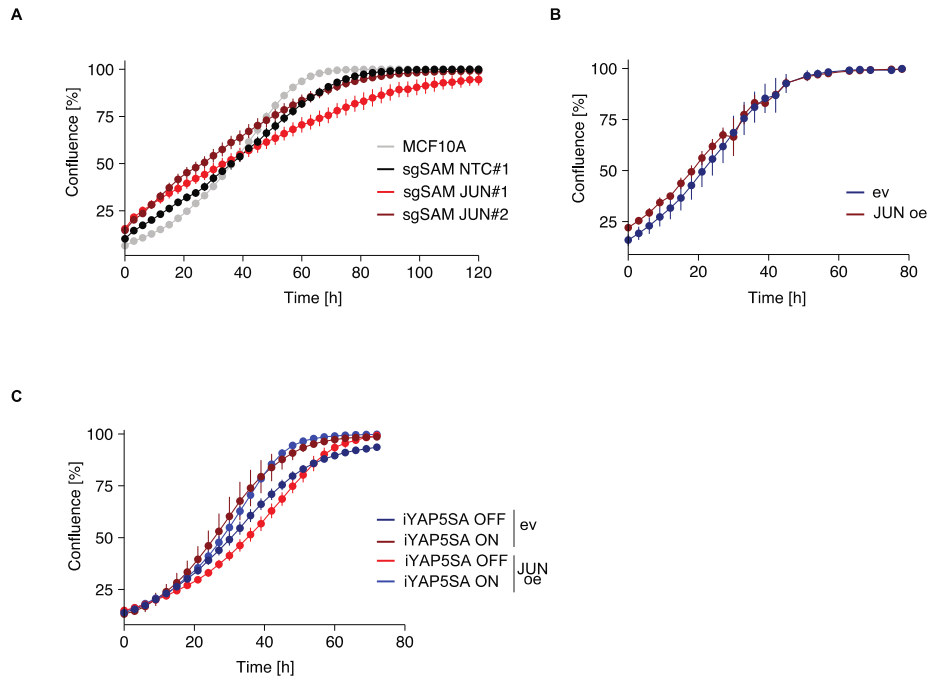
APPENDIX

A non-canonical repressor function of JUN restrains YAP activity and liver cancer growth

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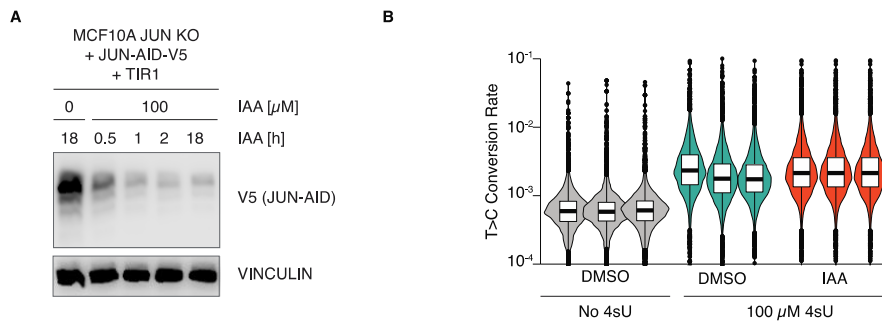
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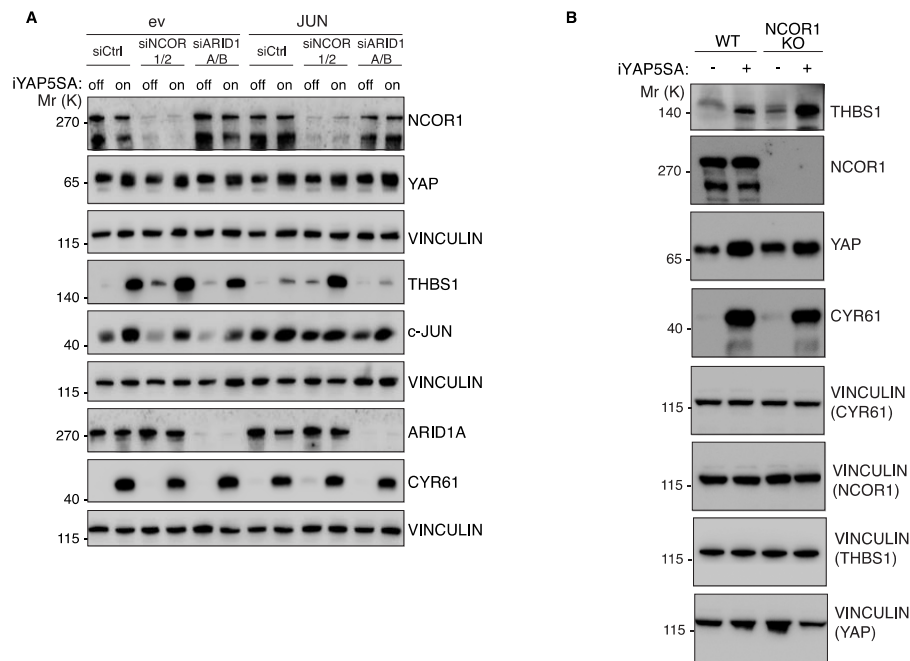
Appendix Figure S1: Proliferation rate of MCF10A cells is not affected by JUN overexpression

A.-C. Incubate growth curves for the indicated MCF10A cell lines. Where appropriate, YAP5SA expression was induced with 1 μ g/ml doxycycline or cells were treated with ethanol as a solvent control. ev = empty vector, oe = overexpression.



Appendix Figure S2: Efficient JUN depletion and metabolic labeling of mRNA in MCF10A^{JUN-AID-V5} cells

- A. Immunoblot from MCF10A^{JUN-AID-V5} cells after IAA addition. MCF10A JUN knockout cells expressing a JUN allele fused to a V5-tagged auxin-inducible degron (JUN-AID-V5) were treated with 100 μ M IAA for indicated times and subjected to immunoblotting. Addition of IAA efficiently induced JUN degradation. As control, cells were treated with DMSO. Vinculin was used as loading control. IAA = indole-3-acetic acid.
- B. Violin plots of thymine-to-cytosine (T>C) conversion rates in SLAM-Seq of MCF10A^{JUN-AID-V5} cells. Cells were subjected to 100 μ M 4sU pulse prior to RNA isolation. 4sU-labeled RNA was alkylated and subjected to 3'-end RNA-Sequencing. The plot illustrates efficient T>C conversion upon 4sU labeling, when compared to cells not treated with 4sU. IAA = indole-3-acetic acid, 4sU = 4-thiouridine.



Appendix Figure S3: JUN depends on NCOR1/2 to repress YAP target genes

- A. Immunoblot as shown in Fig. 6A, including all VINCULIN blots as loading controls. ev = empty vector.
- B. Immunoblot as shown in Fig. 6B, including all VINCULIN blots as loading controls.