

Description of the Additional Supplementary Files

Supplementary Data 1: Differentially expressed genes by cell cluster in TAC mouse brain.

Supplementary Data 2: Cross-species cardiac multi-omics integration.

Supplementary Data 3: Demographic and clinical characteristics of study participants.

Supplementary Data 4: Plasma-treated endothelial cell proteomics.

Supplementary Data 5: Exploratory AlphaFold-Multimer model quality metrics for the MYC–DNA complex.

Supplementary Data 6: Oligonucleotides used in this study (qRT-PCR and ChIP-qPCR 25 primers).

Supplementary Data 7: Summary statistics for the senescence induction scores shown in 27 Figure 3c