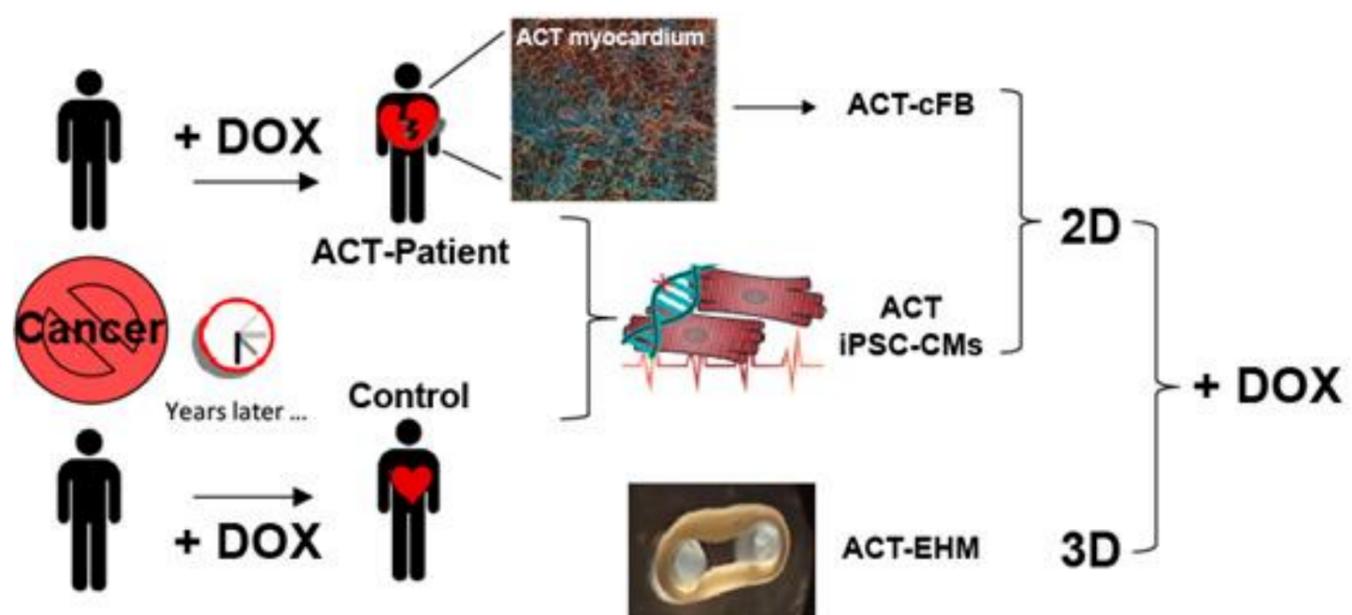
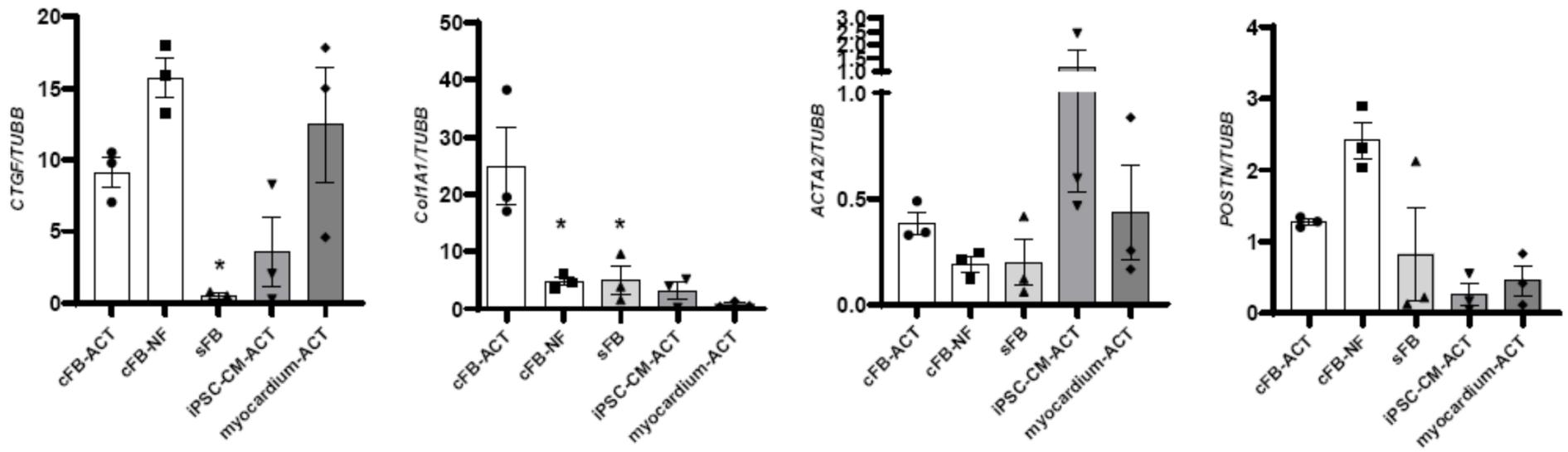


Supplementary Figure 1: Overview of the used material

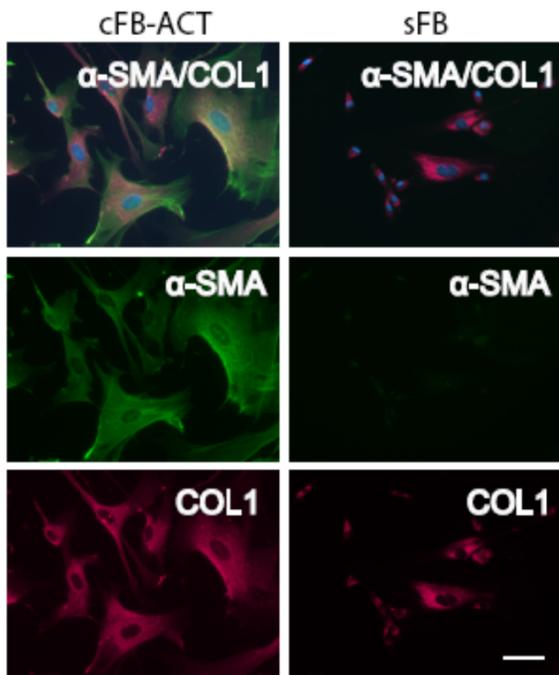


Supplementary Figure 2: Human ACT myocardium_cFB

A: Human isolated cardiac fibroblasts from ACT myocardium

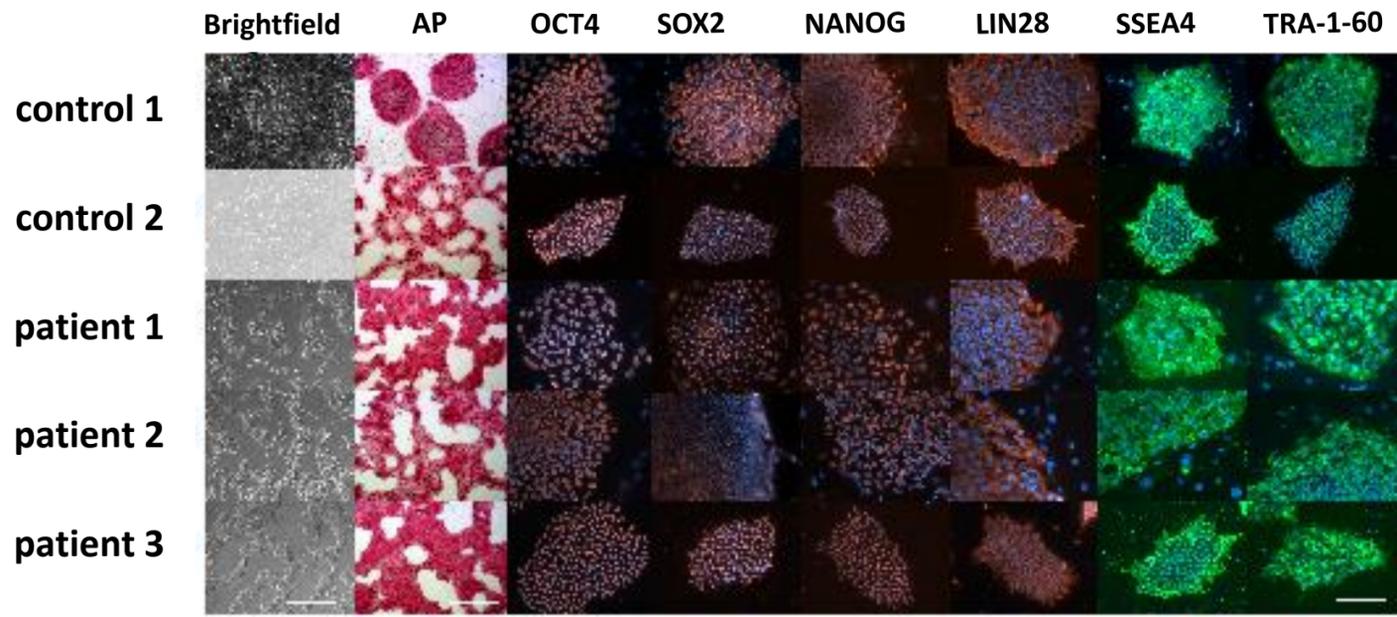


B: ACT-cFB

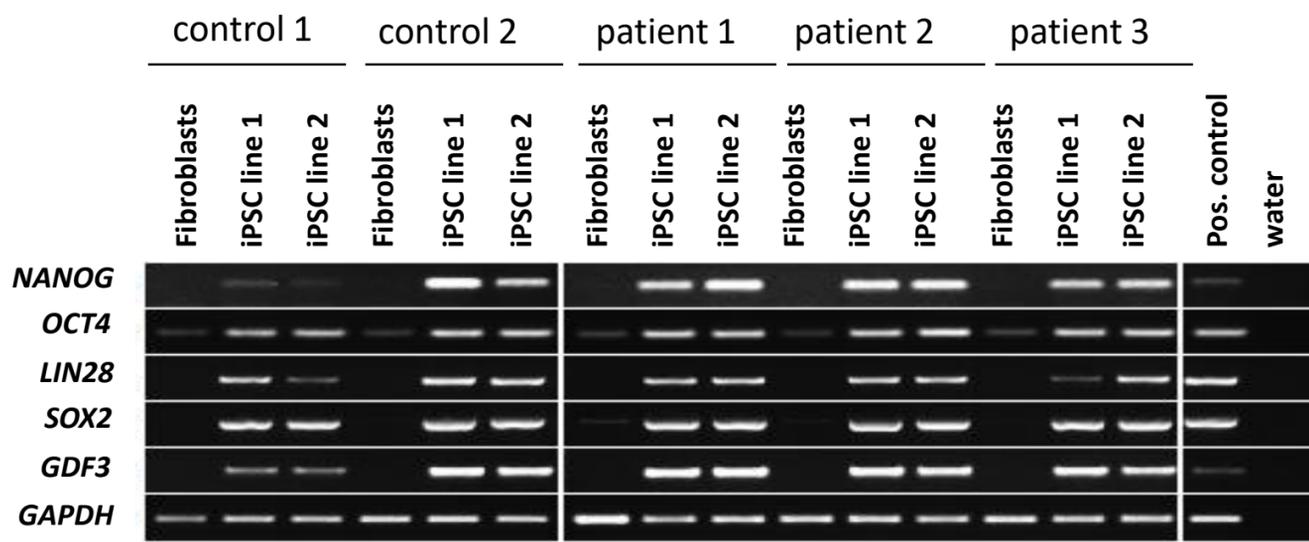


Supplementary Figure 3: Characterization of generated iPSC

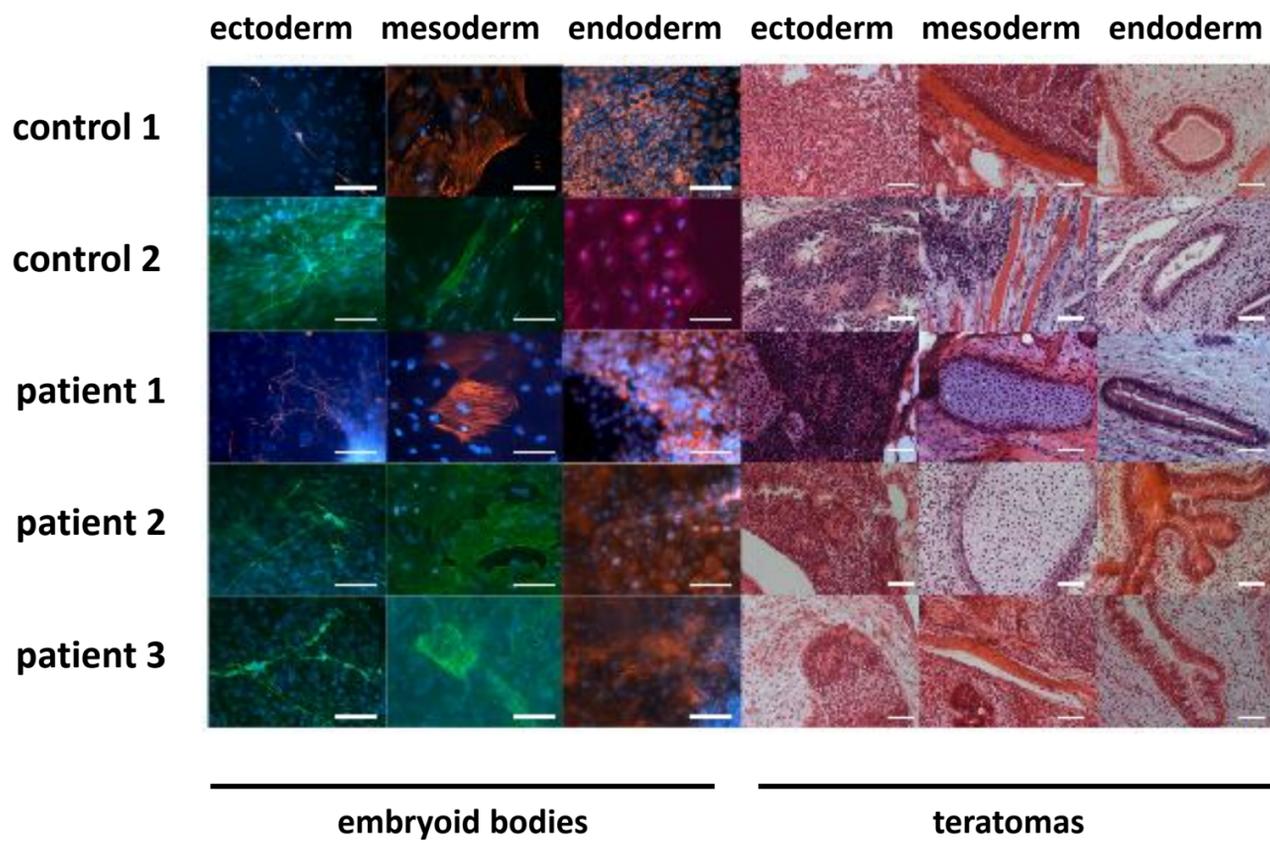
A



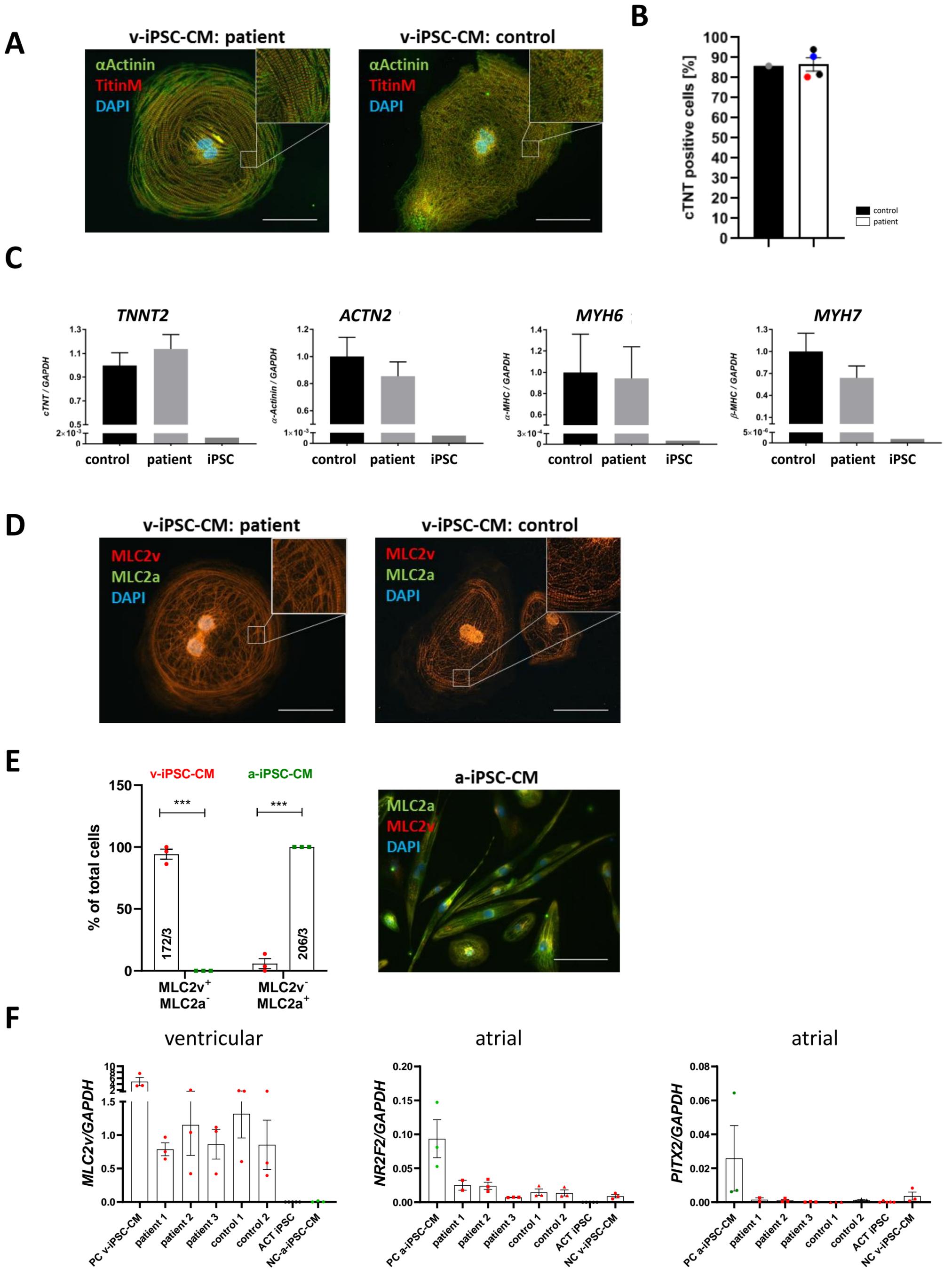
B



C

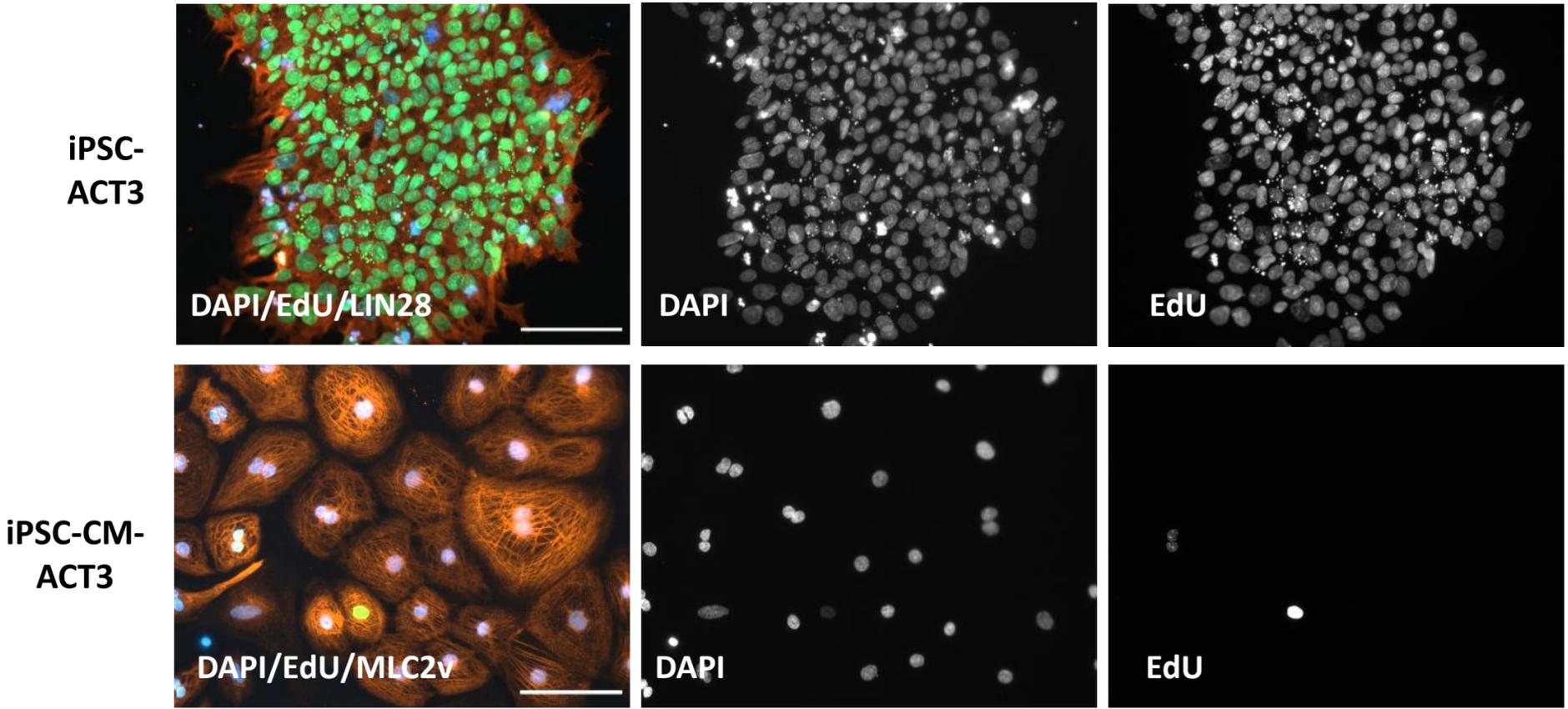


Supplementary Figure 4: Characterization of generated ventricular iPSC-CM

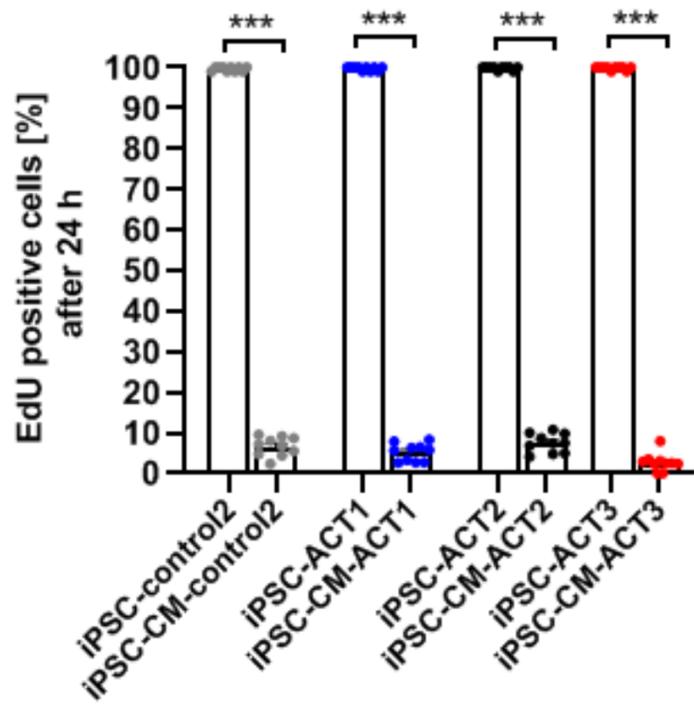


Supplementary Figure 5: Cell arrest in iPSC-CM and iPSC

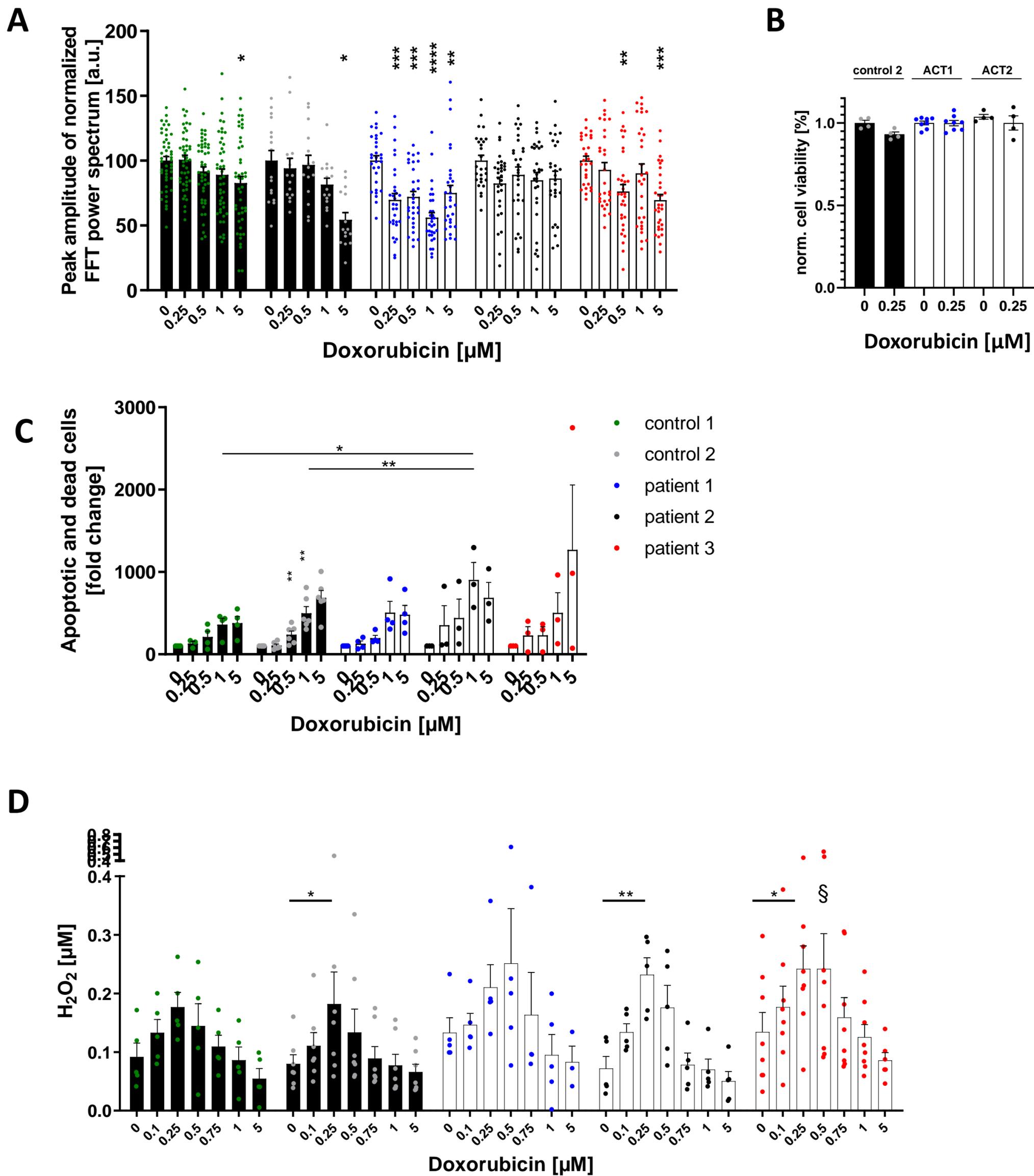
A



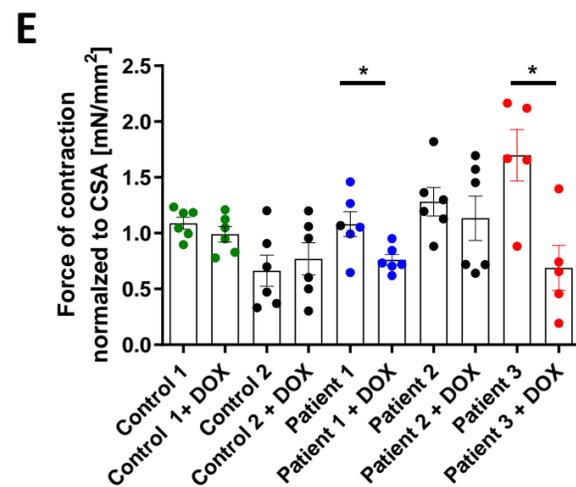
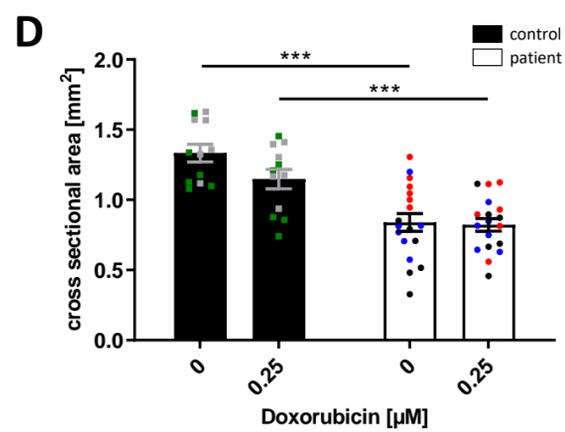
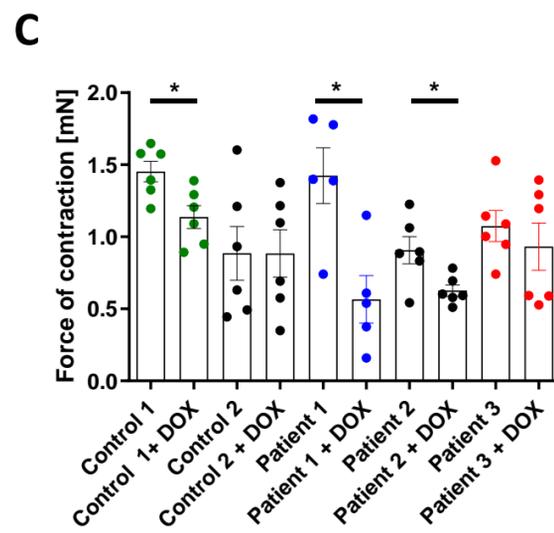
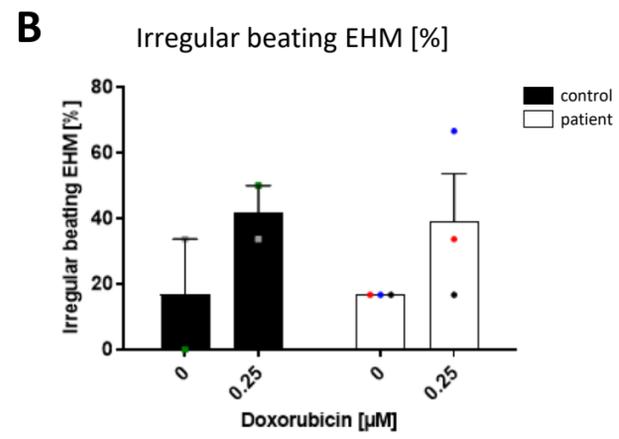
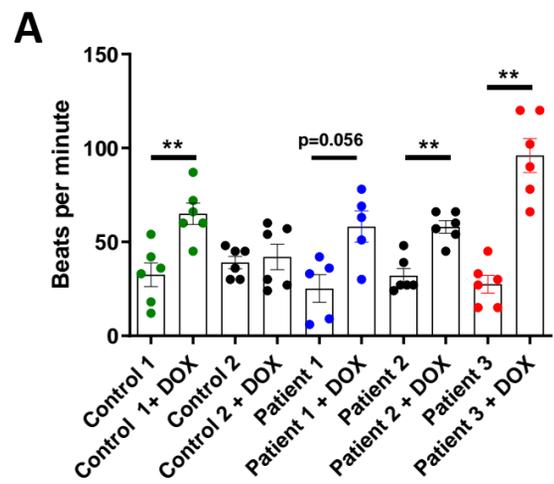
B



Supplementary Figure 6: DOX-dependent alterations on a patient-specific level

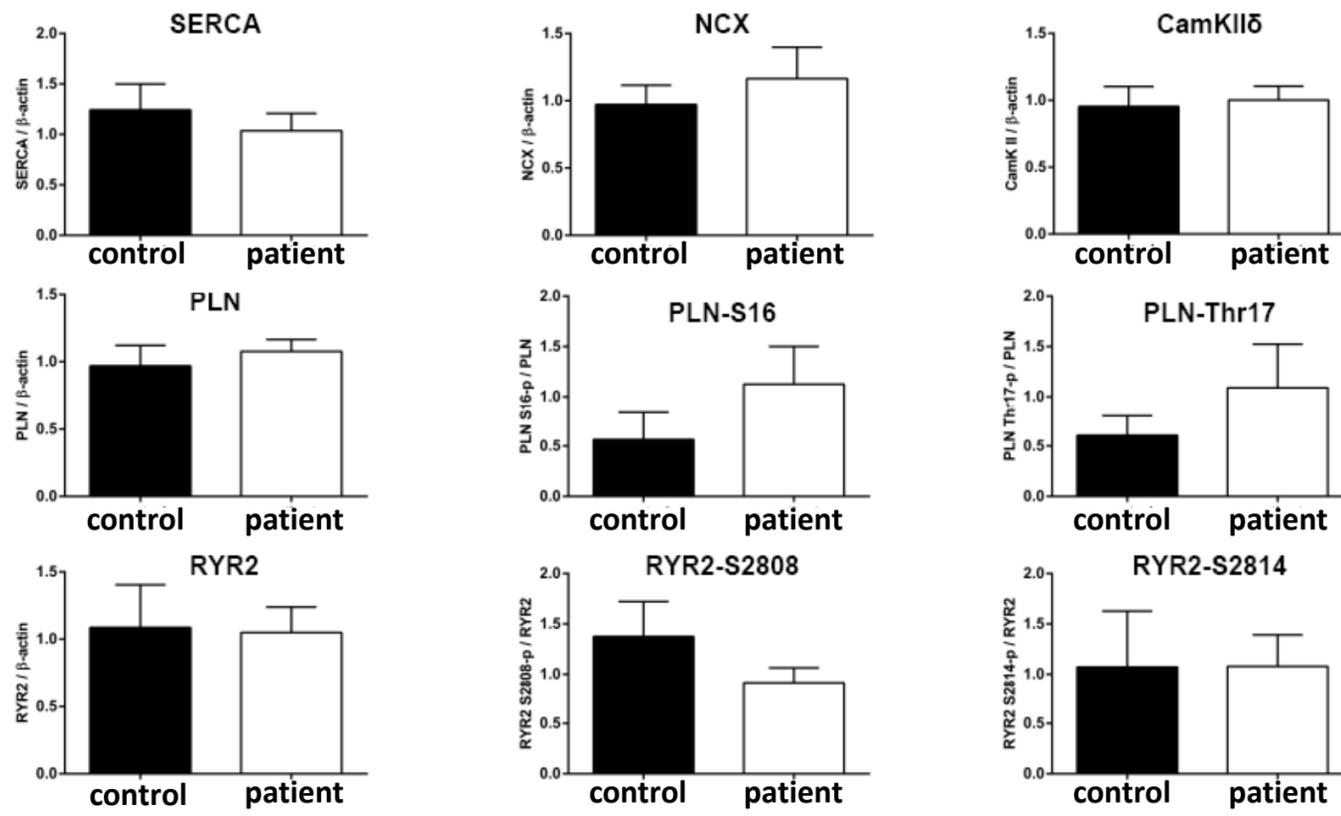


Supplementary Figure 7: EHM



Supplementary Figure 8:

A



B

