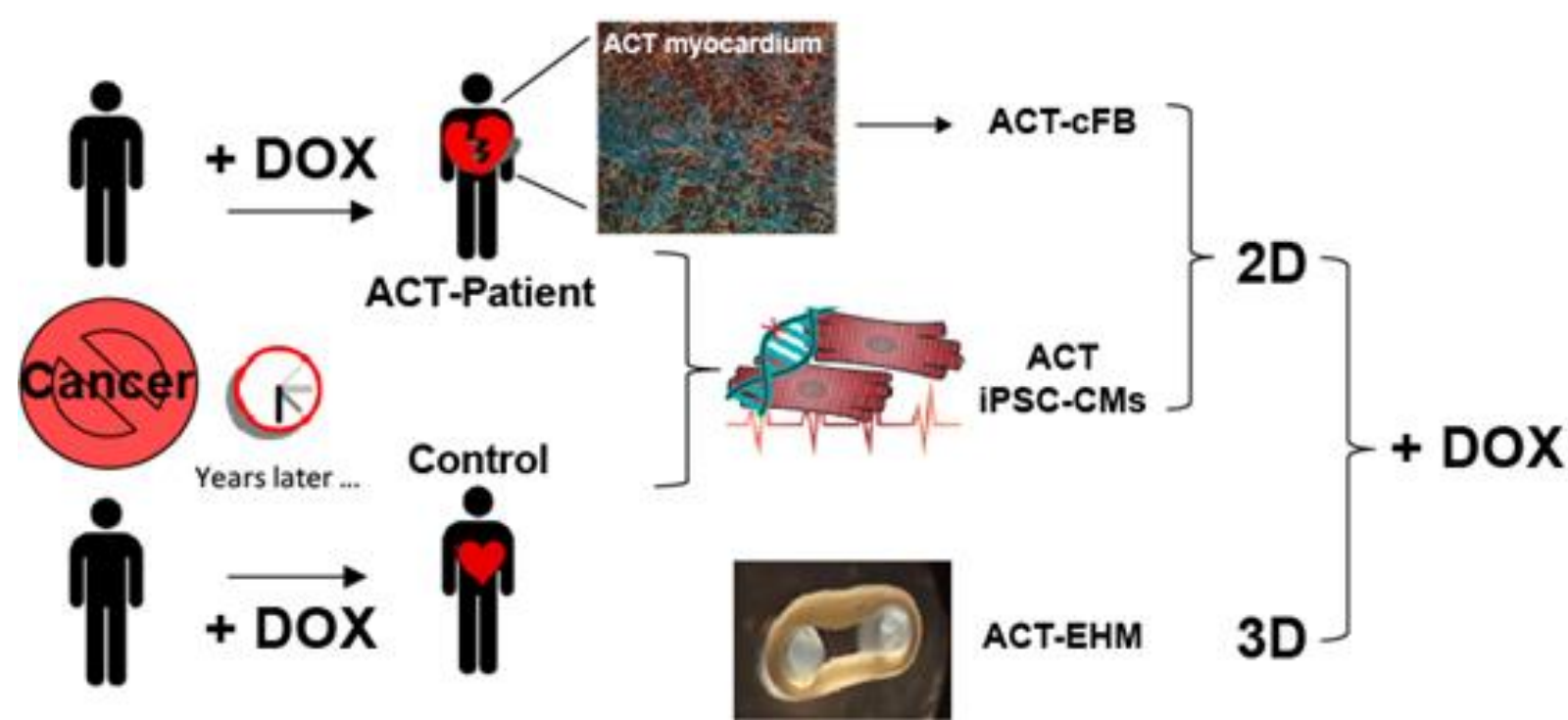
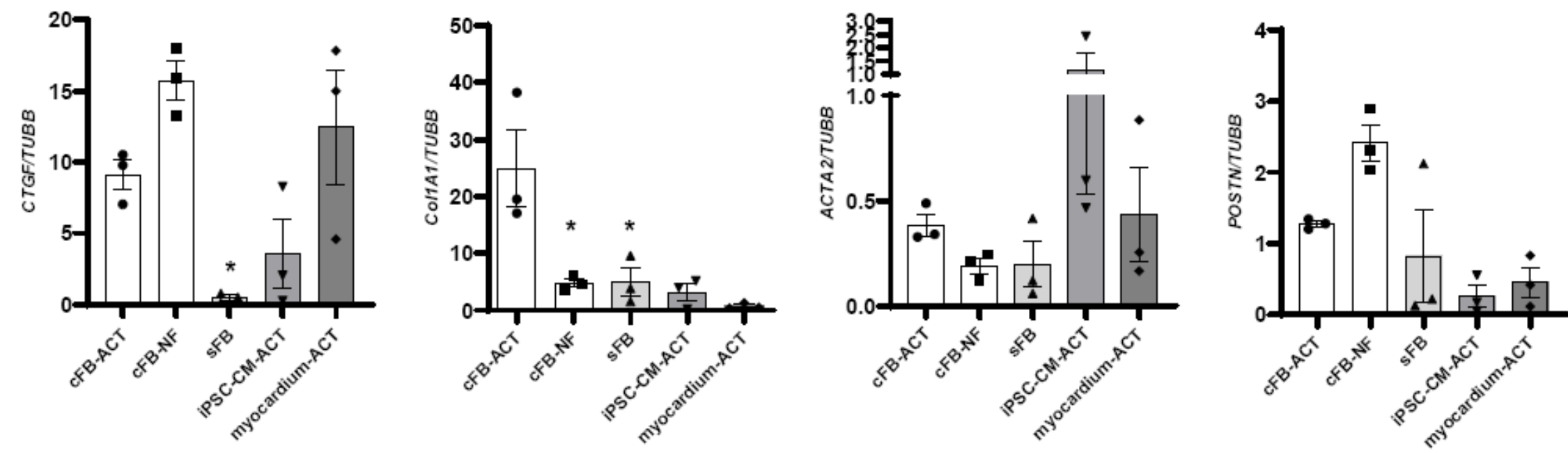


Supplementary Figure 1: Overview of the used material

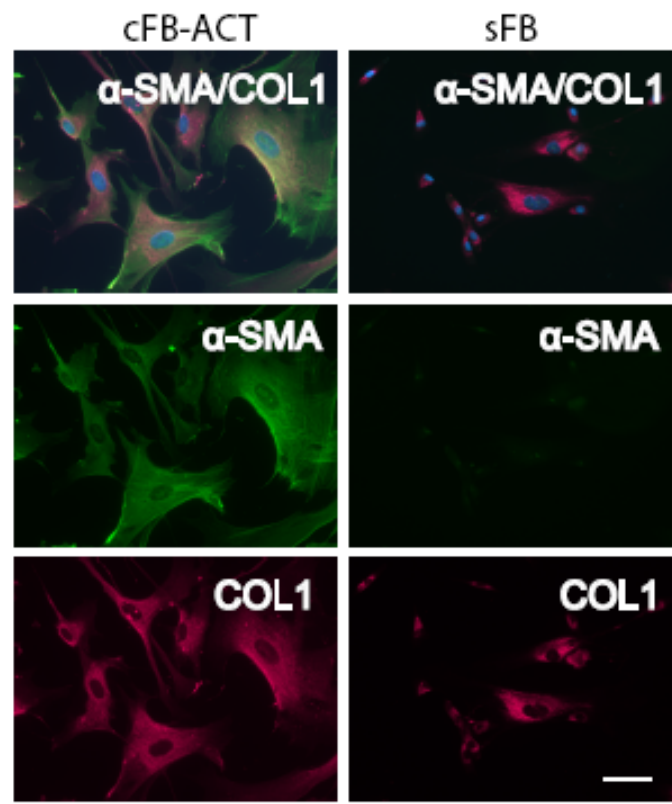


Supplementary Figure 2: Human ACT myocardium\_cFB

A: Human isolated cardiac fibroblasts from ACT myocardium



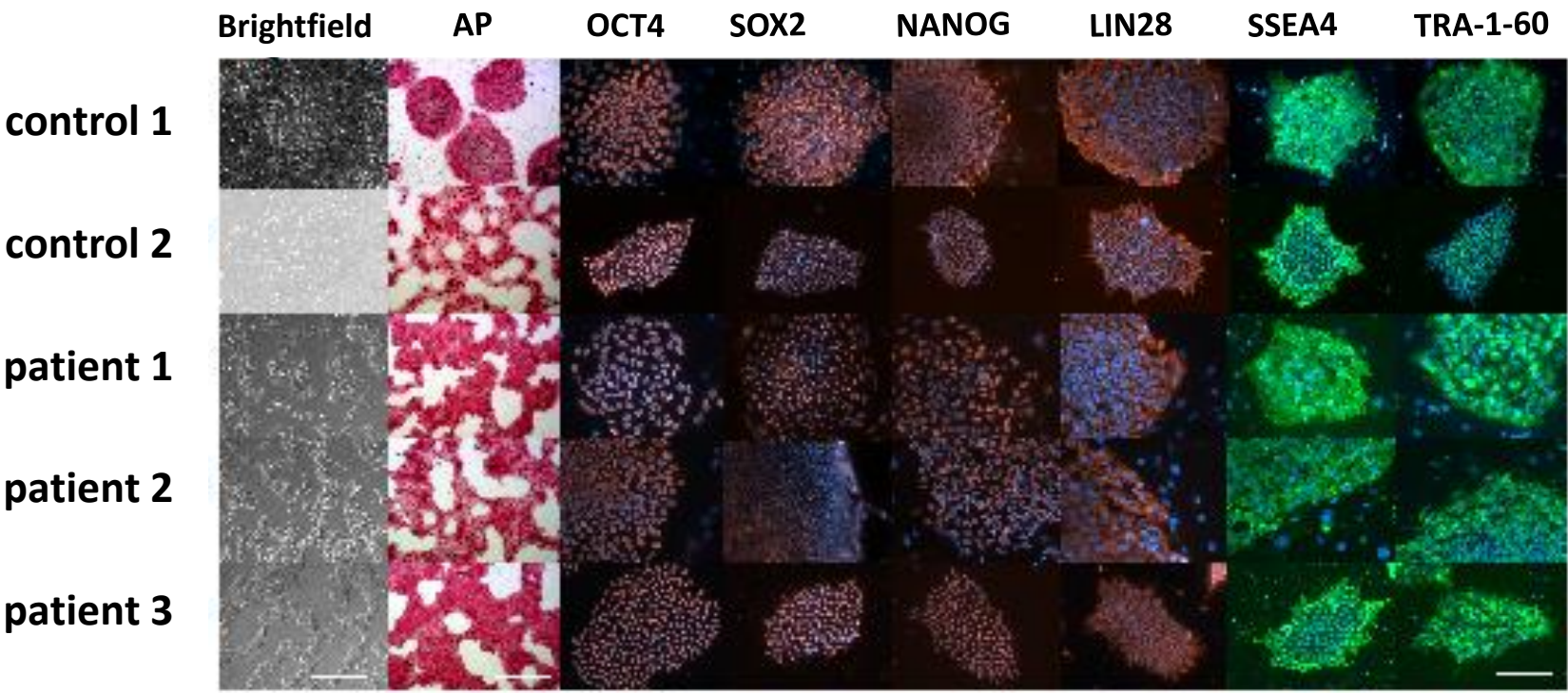
B: ACT-cFB



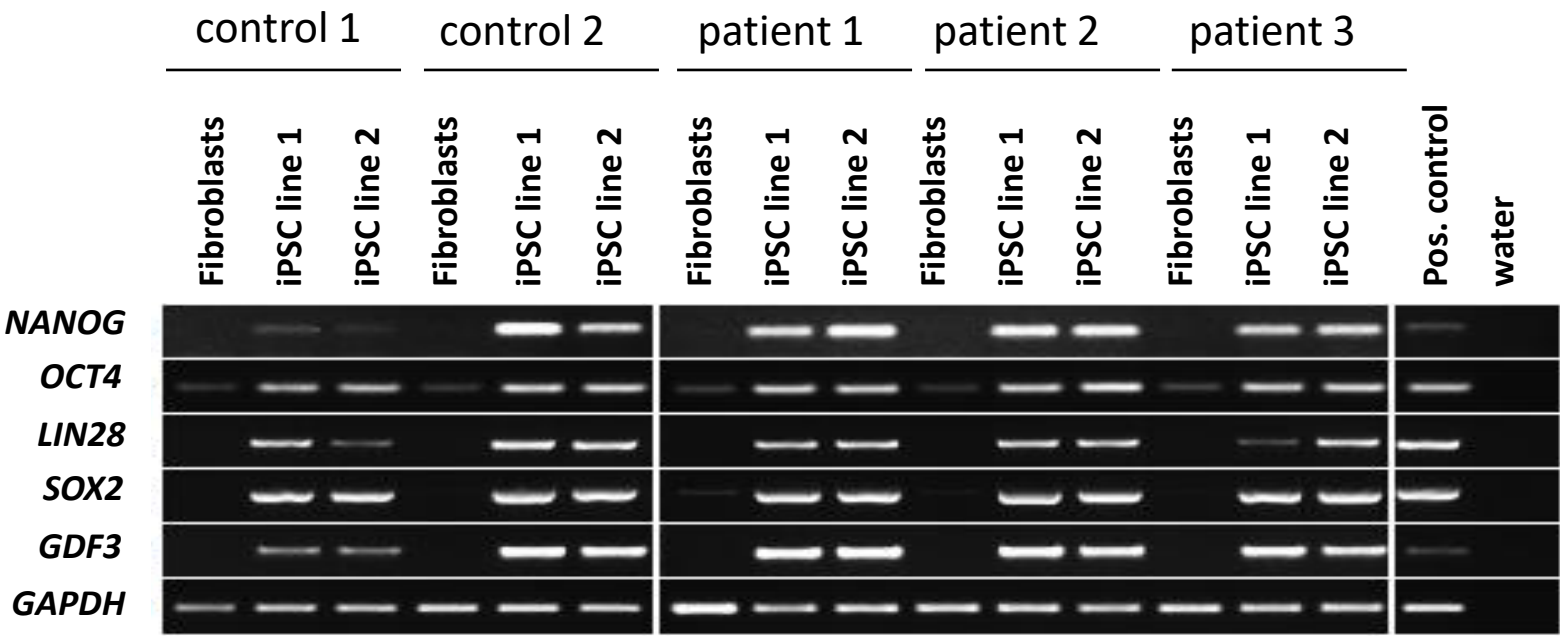


Supplementary Figure 3: Characterization of generated iPSC

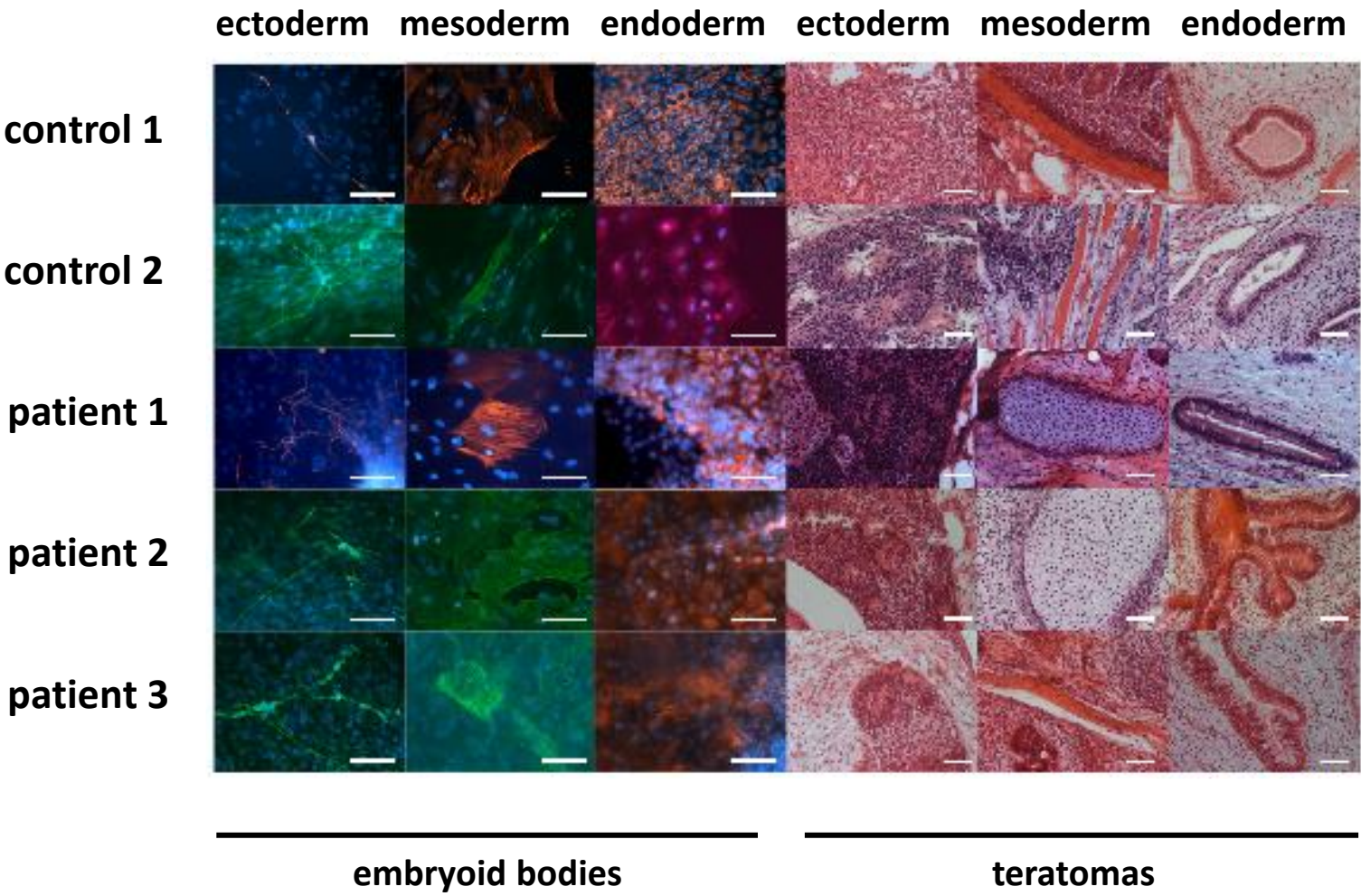
A



B



C

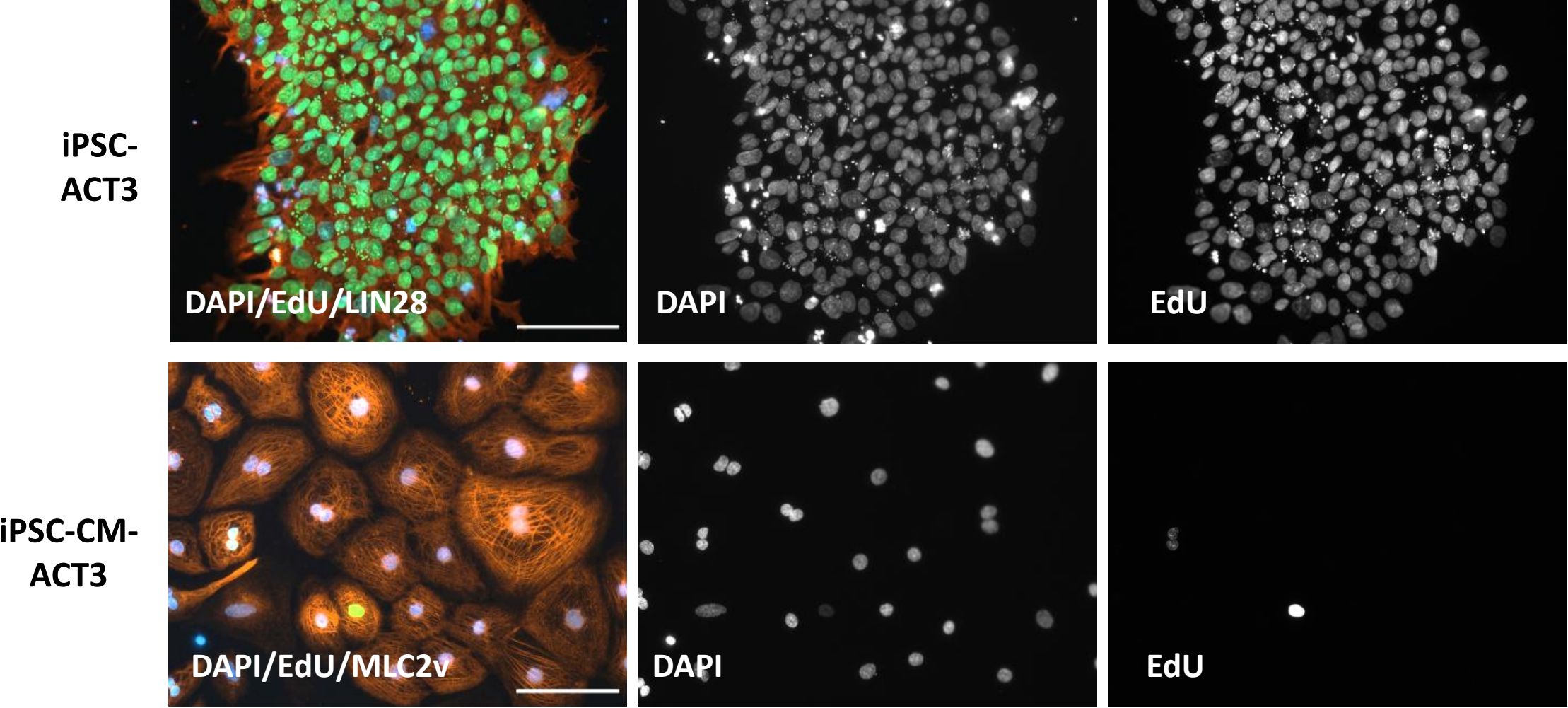




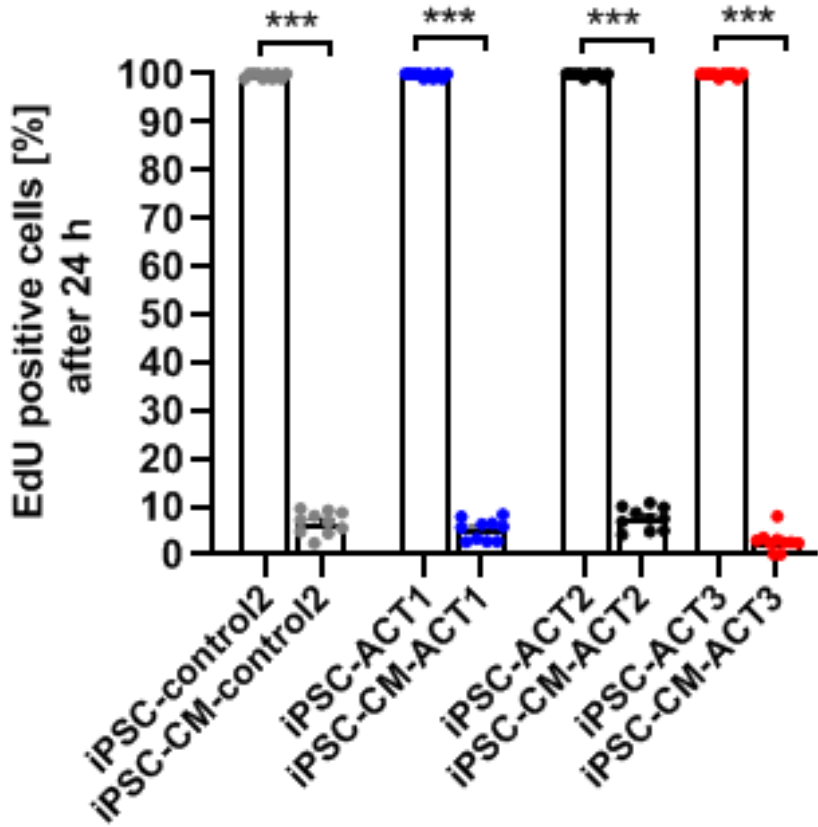


Supplementary Figure 5: Cell arrest in iPSC-CM and iPSC

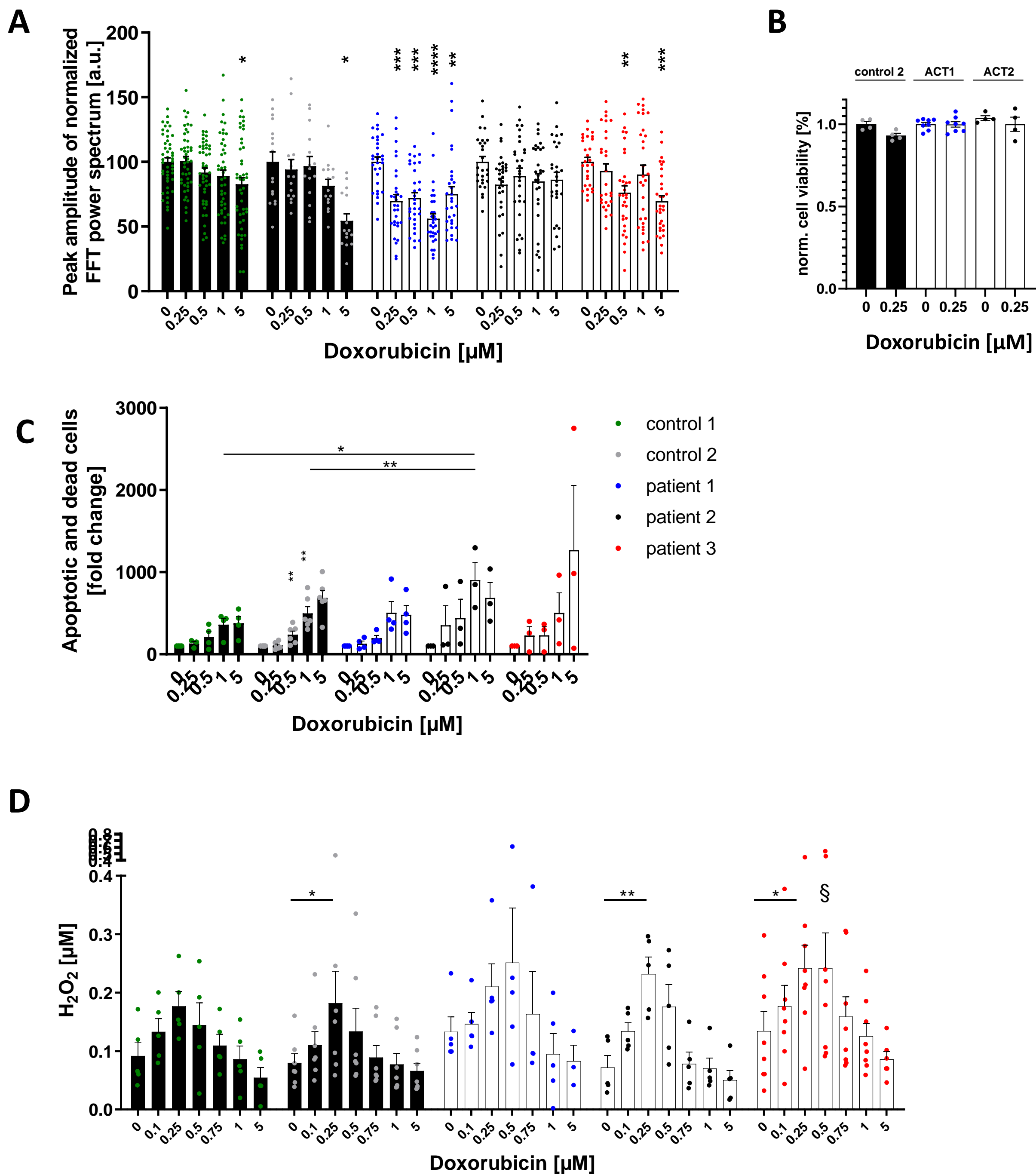
A



B

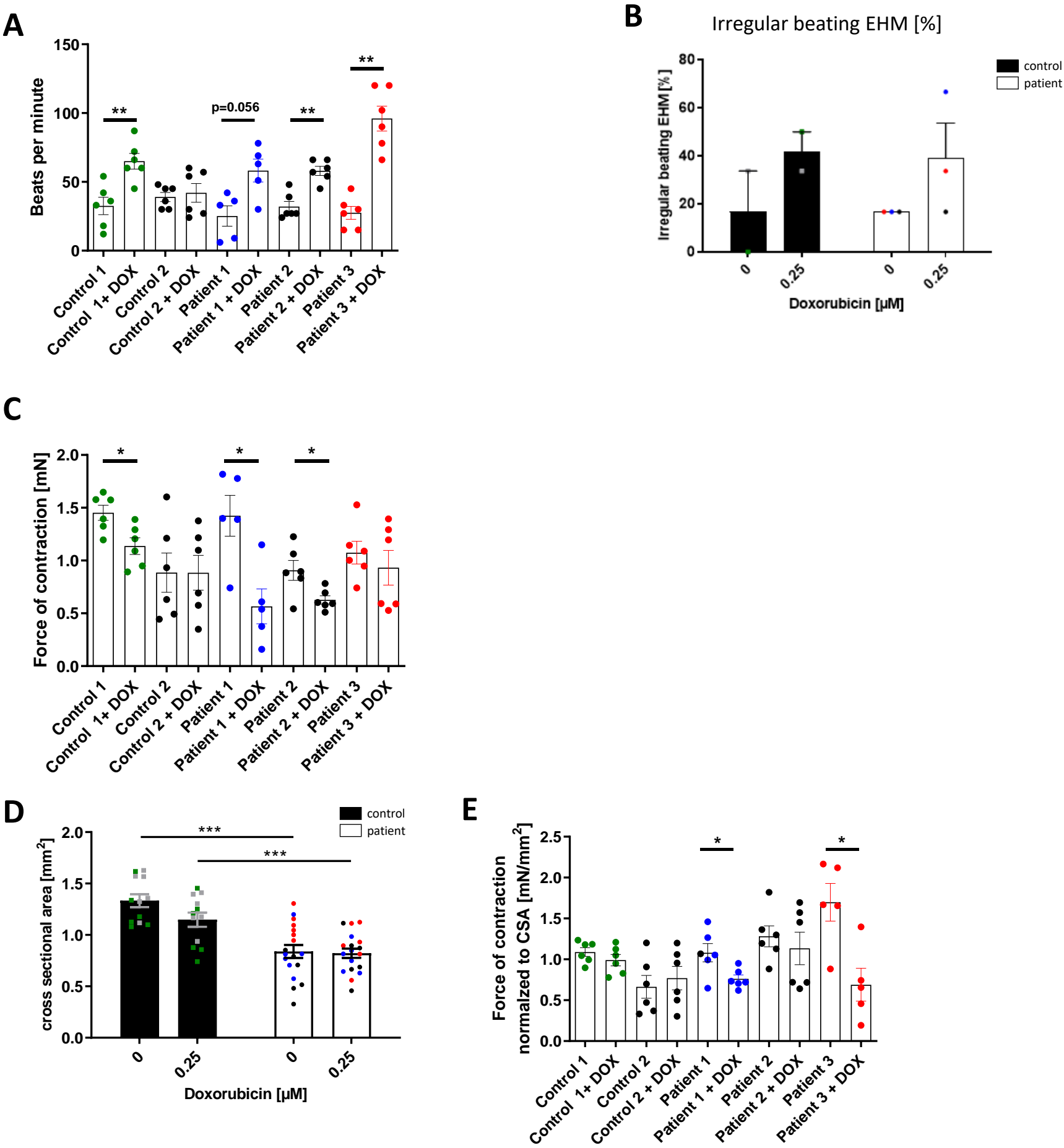


### Supplementary Figure 6: DOX-dependent alterations on a patient-specific level



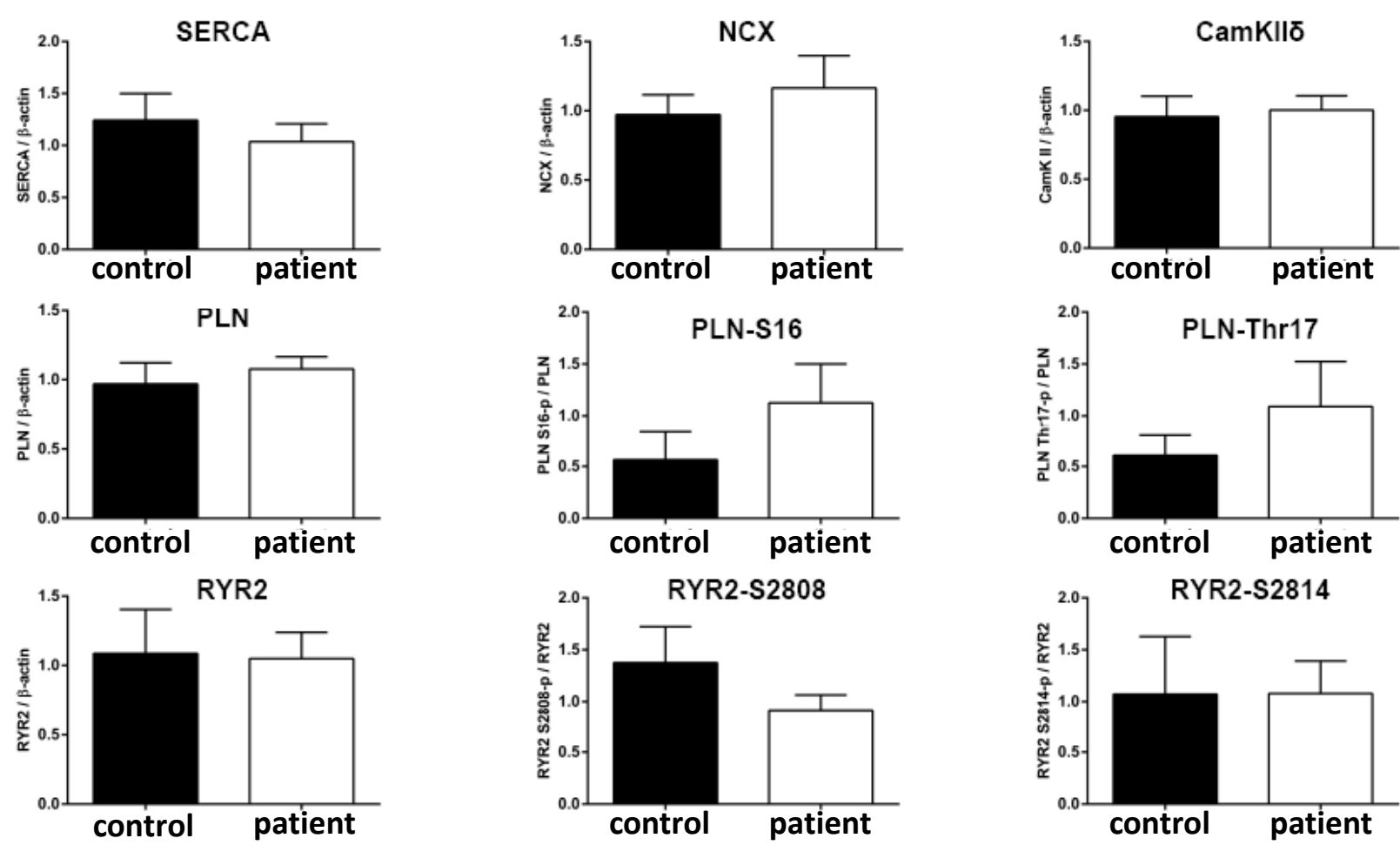


Supplementary Figure 7: EHM



Supplementary Figure 8:

A



B

