



Supplementary Figure 1. Different Z-layer images of the same field of the iPSC-CM differentiation experiment. The results for different cell morphologies are shown in subfigures (A), (B), (C), (D) and (E). Seven layers at 6 μ m intervals with total vertical distances of 36 μ m (from -18 μ m) were obtained for the study. Zero microns is the intermediate image layer with the sharpest focus. Different Z layers can reveal different information for cells with a three-dimensional structure and zoom in for the best view.