



**Supplementary Figure 3** AA enhances cardiac differentiation of iPSCs in auto-aggregated EBs and serum-free cultivated EBs. A and B, AA increased the percentage of contracting EBs (left panel) and content of  $\alpha$ -actinin<sup>+</sup> cardiomyocytes (right panel) in large-scale generated auto-aggregated EBs (A) and serum-free cultured EBs (B). Data are collected at day-10 from three assays and expressed as means  $\pm$  SEM. Scale Bars = 100  $\mu$ m. Nuclei were counterstained with Hoechst33258 (blue). \* $P$ <0.01 vs. control.