

Supporting Information

Kim et al. 10.1073/pnas.1101223108

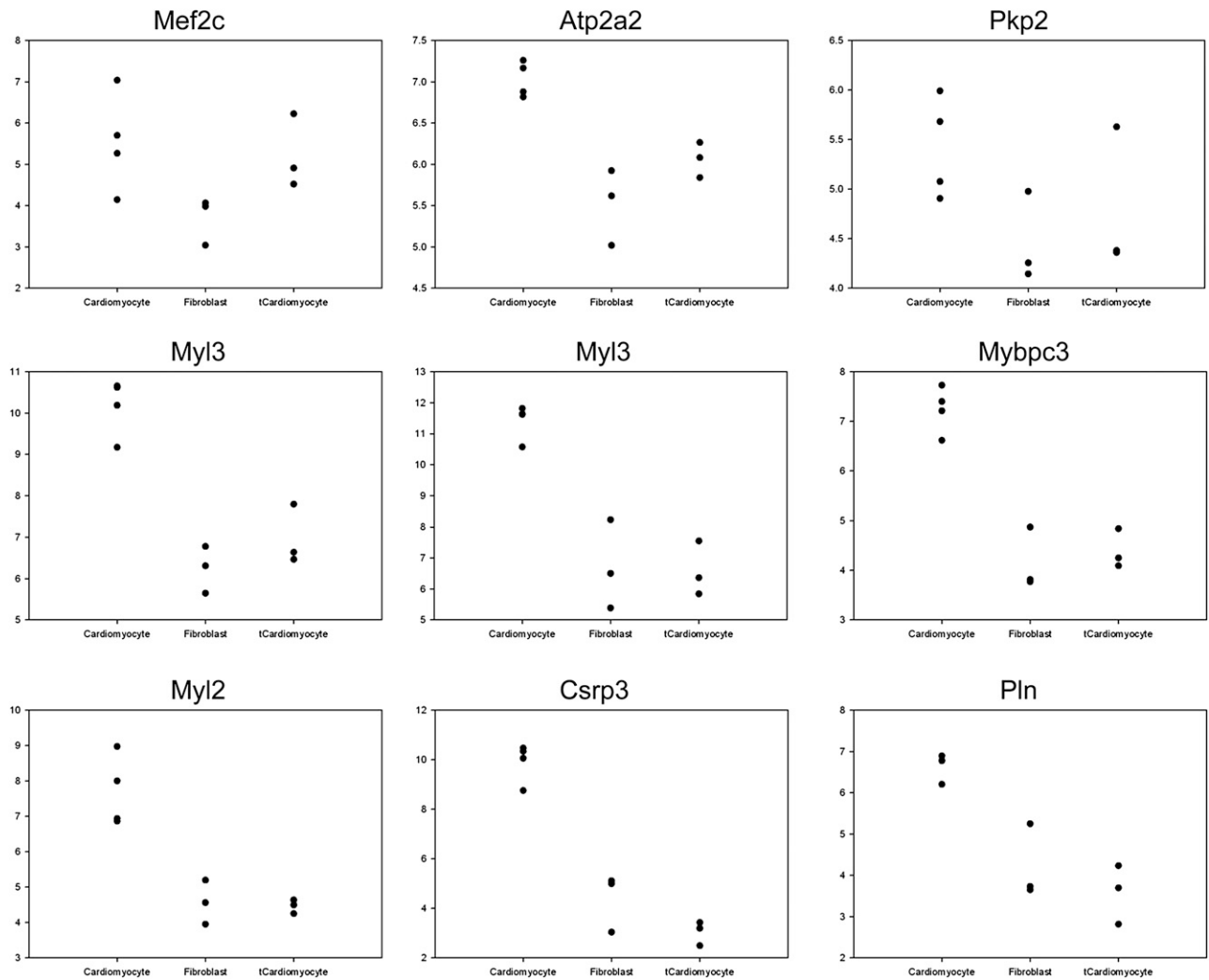


Fig. S1. The gene expression levels of selected individual genes display intercellular variability within a cell type. The expression levels of selected individual genes (log₂ scale) are plotted by cell types. Mef2c, myocyte enhancer factor 2c; Atp2a2, calcium-transporting ATPase sarcomeric reticulum type 2; Pkp2, plakophilin; Myl3, myosin, light chain 3; Mybpc3, cardiac myosin-binding protein C; Myl2, myosin, light chain 2; Csrp3, cysteine and glycine-rich protein 3; Pln, cardiac phospholamban.

Table S3. Single-cell analyses to determine tCardiomyocytes

Experiment	Immunocytochemistry	Single-cell microarray	Electrophysiology	Any analysis	Age
10X		+		+	3 wk
10A	-			-	
10B	-			-	
10C	-	+	-	+	4 wk
10D			-	-	
10E	-		+	+	5.5 wk
10F	+		+	+	3, 5, 8 wk
10G	-			-	
10H					
10I					
10J	-		+	+	3 wk
10JB					
10K					
10L					
10M					
10N	-			-	
10O	+			+	2 wk
10P	-			-	
10Q					
10R					
10S					
10T					

+, confirmed tCardiomyocyte from experiments. -, no tCardiomyocyte confirmation from experiments. Cell morphology was initially observed before taking any single-cell analysis.