



S1 Fig. Horizontal type contractile force measurement device (A) and contractile force trace (B). It should be noted that there is a noise in the contractile force trace due to the vertical shaking of the cardiac cell sheet-tissue. The cardiac cell sheet-tissue was prepared from cardiomyocytes isolated from Sprague-Dawley neonatal rat ventricles according to the method described previously [20]. The animal experiments were performed according to the “Guidelines of Tokyo Women’s Medical University on Animal Use” under the approval of institutional ethical committee (approval number: 13-63).