

**SUPPLEMENTARY FIG. S3.** FLuc protein expression within heart upon direct myocardial injection of EGFP, mCherry, and FLuc-mRNA injections. Bioluminescence image of rat heart was acquired at 24 hours, exhibiting strong FLuc expression following direct injections of M³RNA -FLuc into the anterior left ventricle wall. FLuc, firefly luciferase; M³RNA, microencapsulated modified messenger RNA.