Supplementary Figure 2

| CTRL | 3 days p.i. | 5 days p.i. | 11 days p.i. |
|------|-------------|-------------|-------------|
| mlgG |             |             |             |
| Collagen I |         |             |             |
| Dystrophin |         |             |             |
| Actin |             |             |             |
| eMHC |             |             |             |

Glycerol-induced muscle damage leads to early necrosis, loss of dystrophin and actin, transient eMHC appearance, and prolonged presence of center-nucleated fibers. TA muscles were injected with 20 µl of either saline or glycerol and then harvested and snap frozen after three, five, or eleven days (days p.i.). Upon cryo-sectioning, muscle slices were stained with DAPI and either antibodies against mouse IgG (mlgG), collagen I, dystrophin, or embryonic myosin heavy chain (eMHC), or with phalloidin-TRITC to label actin. Sections were analyzed by confocal microscopy. Fluorescence signals in whole cryosections as indicated, nuclear DAPI staining always shown in blue, mlgG in yellow, collagen I and eMHC in red, dystrophin in green, actin in grey. CTRL, saline-injected muscles at three days p.i., the other panels depict glycerol-injected muscles at three, five, and eleven days p.i., as indicated. Scalebar, 500 µm.