



Supplementary Figure 1. Quantitative analysis of MuSC by flow cytometry. Mononucleated cells from single digested Tibialis anterior (TA) muscle were analyzed by flow cytometry at different time points post-injury, using Trucount™ Absolute Counting Tubes. (A) Debris, doublets and dead cells were excluded from the analysis. (B-D) Representative density scatterplots showing the expression of PAX7 (B), MYOD (C) and MYOG (D) at 7DPI. Gates were positioned on the basis of FMO controls for each marker (left panels). (E-F) Joined gate PAX7+ or MYOD+ or MYOG+ cells was considered as the Total Myogenic cells (100%). Repartition of PAX7/MYOD (E) and MYOG/MYOD (F) expression. (G) Proportion of PAX7+ cells expressing KI67 at 7DPI.