

Supplementary information, Figure S11

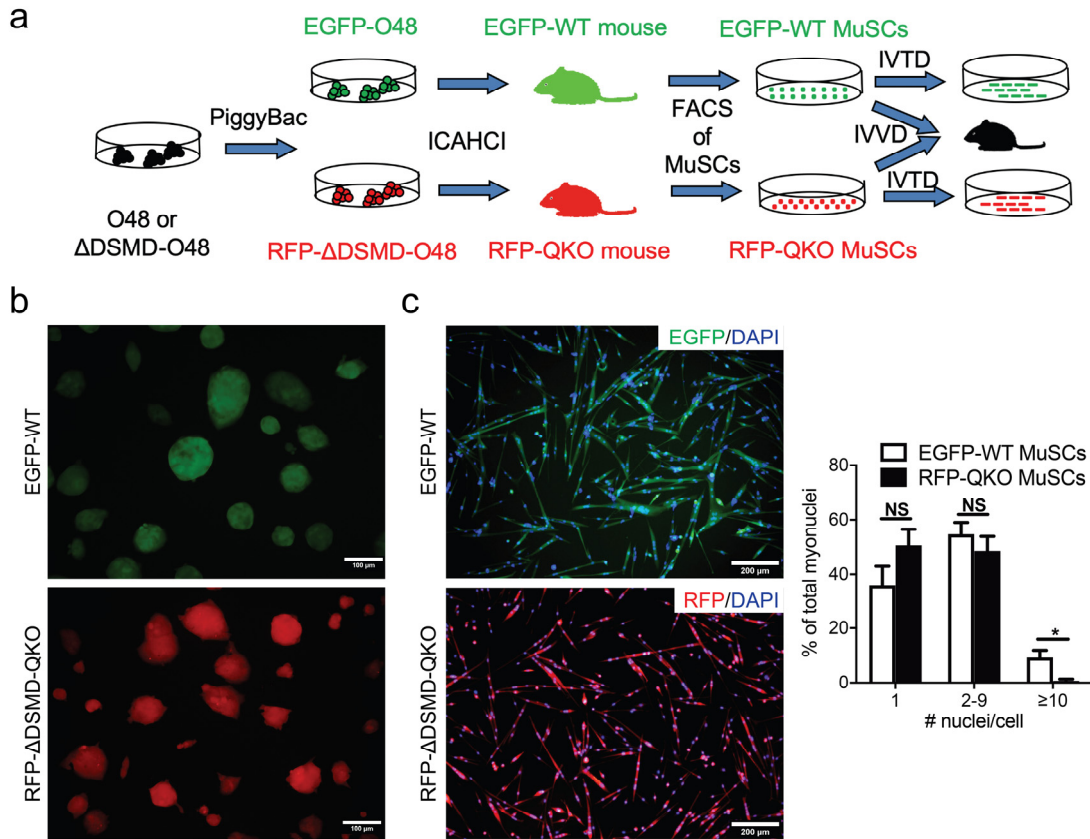


Fig. S11 Differentiation analysis of DSMD-QKO MuSCs. **a** Schematic diagram of *in vivo* differentiation assay of QKO (red fluorescence) and WT (green fluorescence) MuSCs. IVTD, *in vitro* differentiation. IVVD, *in vivo* differentiation. **b** Representative images of RFP- Δ DSMD-O48 and EGFP-O48 haploid ESCs. Scale bars, 100 μ m. **c** *In vitro* differentiation of RFP-QKO and EGFP-WT MuSCs. Unpaired Student's *t*-test. * $P < 0.05$. NS, no significant changes. Scale bars, 200 μ m.