

**Supplementary Figure S2:** Time line of compositional alterations in the knee extensor group. Line graph of mean  $\pm$  SE of the cross-sectional area (CSA) of the quadriceps group in the ACL insufficient and contralateral leg over time. \$, p < 0.05 vs. 260w contralateral leg; \*, p < 0.05 vs. 0w same leg;  $\pm$ , p < 0.05 vs. same time point contralateral leg. Repeated-measures ANOVA with post-hoc test of Fisher. N=9.