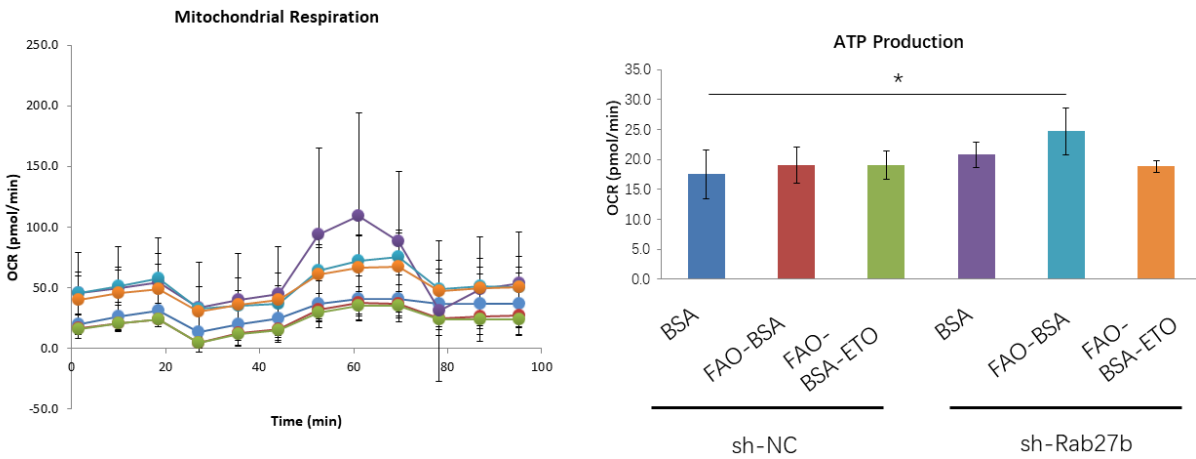
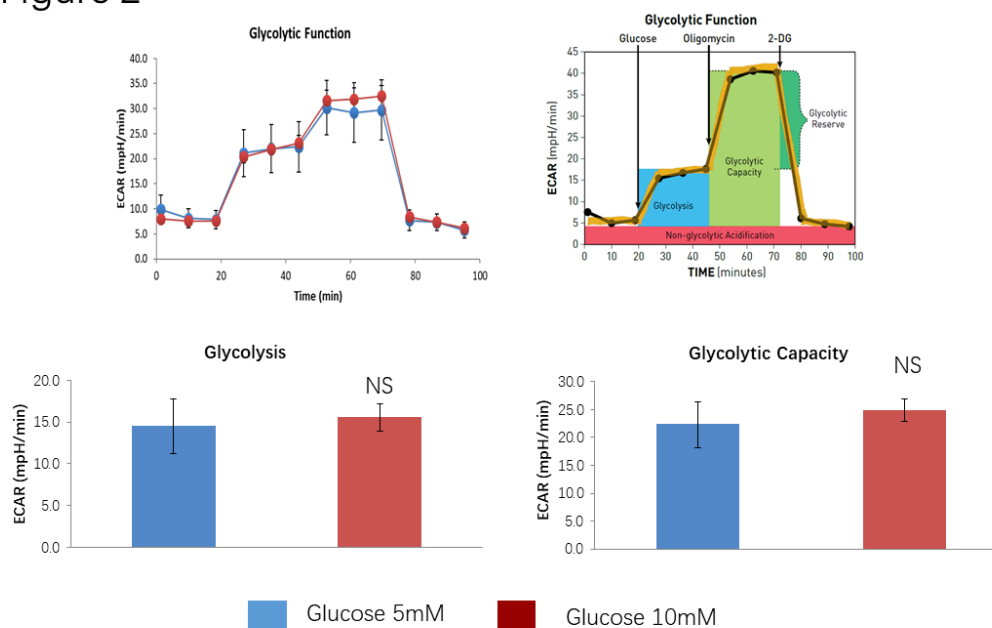


Suppl. Figure 1



Suppl. Figure 1. Assessment of oxygen consumption rate (OCR) in C-MSC^{sh-NC} and C-MSC^{sh-Rab27b}. **(A)** Cells were cultured in substrate-limited medium overnight, and exposed sequentially to FAO medium, etomoxir (40 μ M), and Palmitate:BSA or BSA before OCR assay. Oxygen consumption rate (OCR) was measured over time using a Seahorse XFe24 Analyzer. Cell mito stress test was performed according to manufacturer's protocol. Measurements of ATP production were calculated from the OCR data. Results are presented as mean \pm SD (*, $P < 0.05$, $n = 3-4$).

Suppl. Figure 2



Suppl. Figure 2. Assessment of extracellular acidification rate (ECAR) in C-MSK. Cells were subjected to absence of glucose and sequentially to 5mM or 10mM glucose, rotenone/antimycin A and 2-DG. Extracellular acidification rate (ECAR) was measured over time using a Seahorse XFe24 Analyzer. Measurements of basal glycolysis, and glycolytic capacity were calculated from the ECAR data. Results are presented as mean \pm SD (NS, $p > 0.05$, $n = 5$).