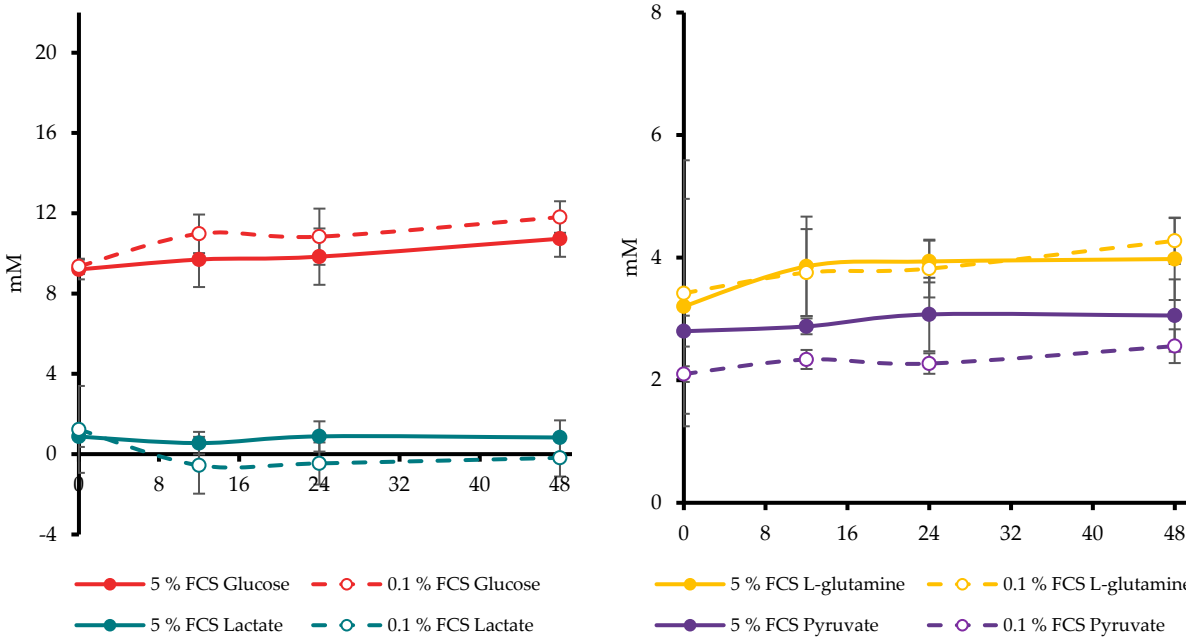
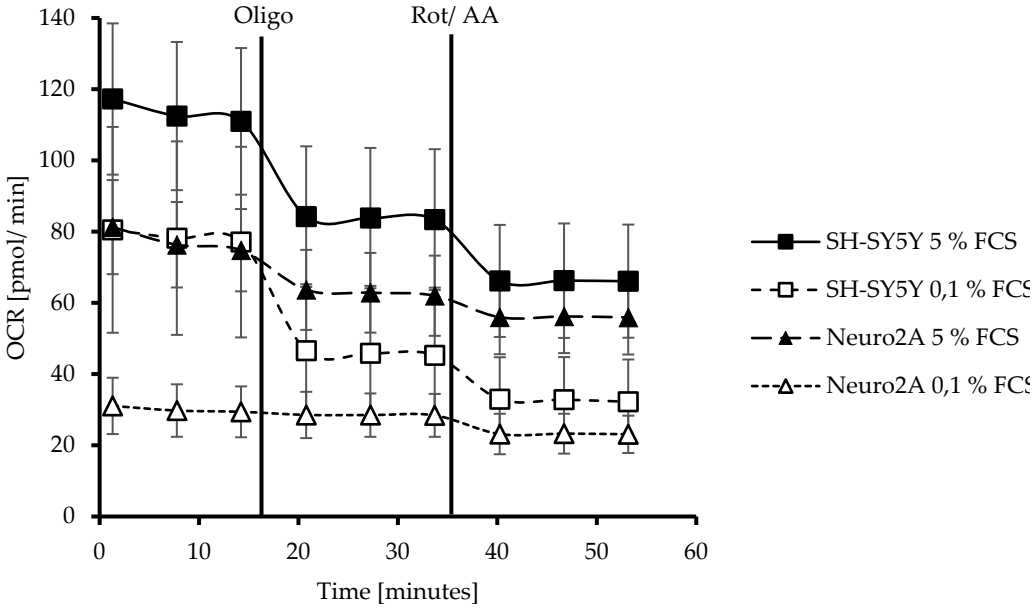
Supplementary Material

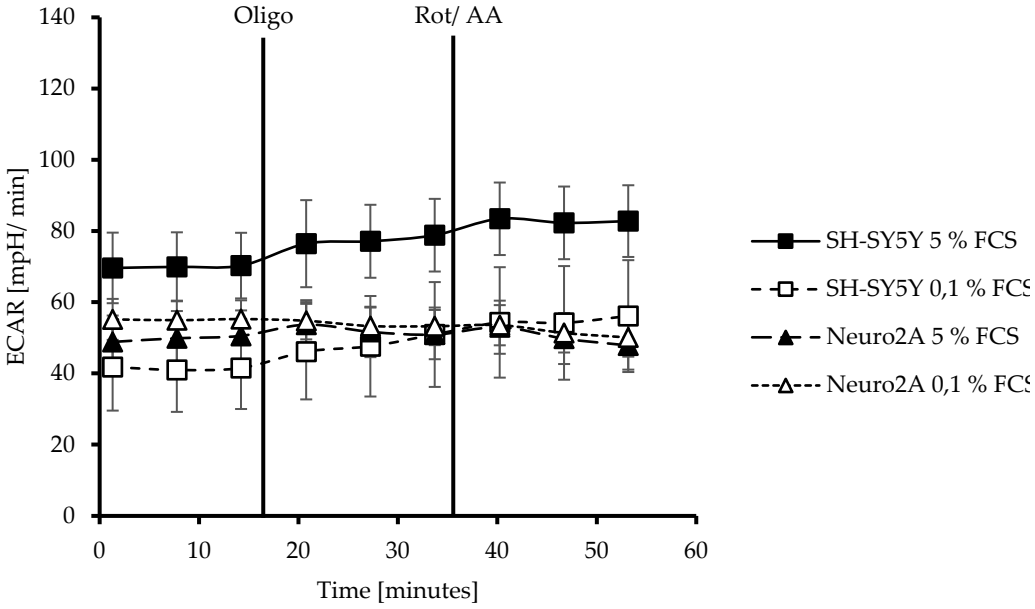


(**a**) (**b**)

Figure S1. Concentrations of glucose, lactate, pyruvate, and L-glutamine in media of cell-free wells in dependence of FCS concentration. Incubation of the cell-free wells was performed for up to 48 h with DMEM/5% FCS (**a**) or DMEM/0.1% FCS (**b**). Substrate concentration in the media supernatant is shown in mM. n=8. Error bars represent StDev.



(**a**)



(**b**)

Figure S2. Kinetic curves of OCR in pmol per min (**a**) and ECAR in mpH per min (**b**) measured with Seahorse XF Analyzer utilizing Seahorse XF ATP Rate Assay. After three measurements a final concentration of 1.5 μM Oligomycin (Oligo) was injected and after six measurements 0.5 μM of Rotenone and Antimycin A (Rot/ AA) were injected. n=24. Error bars represent StDev.

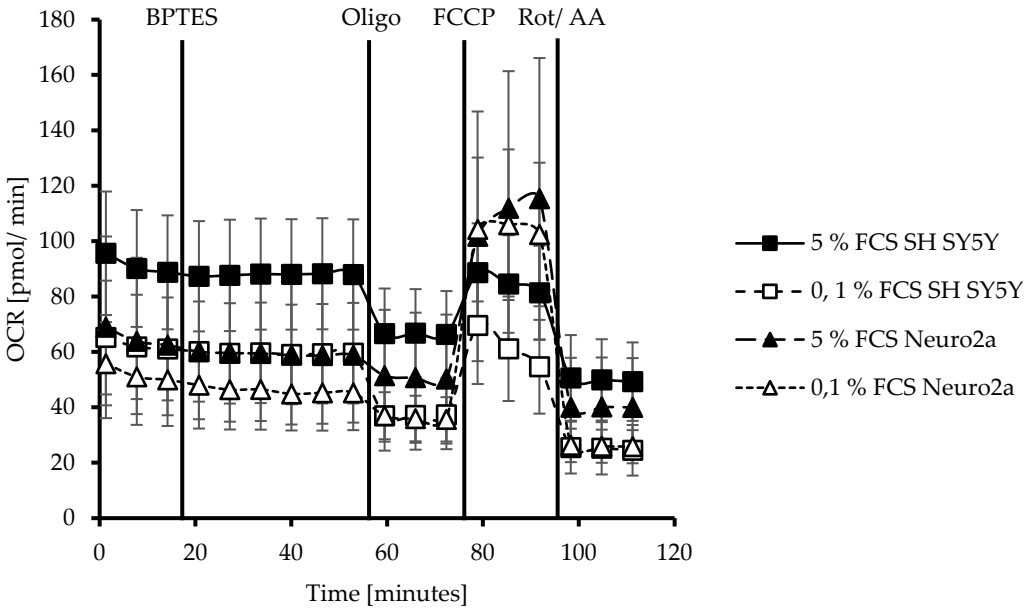


Figure S3. Kinetic curves of OCR in pmol per min measured with Seahorse XF Analyzer utilizing Seahorse XF Glutamine Oxidation Stress Test. After three measurements a final concentration of 3 μM BPTES was injected. Subsequently final concentrations of 1.5 μM Oligomycin (Oligo), 2 μM FCCP and 0.5 μM of Rotenone and Antimycin A (Rot/ AA) were injected. n=24. Error bars represent StDev.