Supplemental Figure 1 Schematic outline of experimental protocol of single cell [Ca\(^{2+}\)], recordings of free intracellular calcium [Ca\(^{2+}\)], in growth hormone producing pituitary adenoma cells. After membrane depolarization with 45 mM KCl for 2 min cells were allowed to re-equilibrate in superfusion buffer for 17 min, then octreotide or SRIF-14 (100 nM in superfusion buffer) was administered for 3 minutes followed by a second depolarization with 45 mM KCl for 2 min still in the presence of octreotide (100 nM) or SRIF-14 (100 nM). From the [Ca\(^{2+}\)], recordings of each cell the values for (a) initial [Ca\(^{2+}\)], (b) [Ca\(^{2+}\)] before first KCl depolarization, (c) peak [Ca\(^{2+}\)] during first KCl depolarization, (d) [Ca\(^{2+}\)] before application of control medium, octreotide or SRIF-14, (e) [Ca\(^{2+}\)] after application of control medium, octreotide or SRIF-14 and [Ca\(^{2+}\)] before second KCl depolarization and (f) peak [Ca\(^{2+}\)], during second KCl depolarization were derived. Bars indicate the presence of the respective compounds in the superfusion buffer.