



### Supplementary Figure 4

**Supplementary Figure 4: Combination of automatic microelectronic analysis of SPs and insulin secretion.** (A) Real time automatic hardware determination of SP frequencies (means +SEM, n= 29) in BLCs in monolayer when glucose increases from 5.5 to 10 mM and then returns to 5.5 mM. (B) Corresponding insulin secretions (relative to the first G5.5).