



Supplementary Figure 3

Supplementary Figure 3: Functional quality control with MEAs of a cluster preparation of BLCs. (A) Kinetics of SP frequencies (means +SEM) of BLCs in clusters in response to several stimuli: 3 mM glucose (G3), 20 mM glucose (G20) alone, followed by successive additions of forskolin (Fsk, 1 μ M), glibenclamide (Glib, 100 nM) and Bay K8644 (Bay, 10 μ M). At the end of the protocol, G3 without calcium (Ca0) was applied to inhibit calcium entry (n=10). (B) Statistics on AUCs of SP frequencies (normalized over time) measured in (A) (n=10, **p<0.01; Friedman test).