Suppl. Fig. 1. Effect of the single mutation L81A in layer +8.

A. The mean results show no major effect of the mutation. *Insert: Scaled capacitance (noisy trace) and integrated amperometry (smooth trace) reveal at most mild slowdown of secretion in the mutant cells. B. Kinetic analysis indicates that the fast burst is slightly, but significantly, reduced in the L81A mutant, whereas the slow burst and sustained components are not changed. C. The rate constant of fast release and the delay appear similar to WT in most cells, even though slower rates were found in a few cells. N=29 cells (L81A), N=30 cells (WT).

Overall, the mutation L81A in layer +8 only mildly affects secretion.