



**Supplementary Figure S5. *Vtilb* is dispensable for neurosecretory release from chromaffin cells.** A.  $\text{Ca}^{2+}$ -uncaging at 0.5 s led to a rapid increase in the global  $\text{Ca}^{2+}$ -concentration (top), an increase in cellular capacitance (middle), amperometric current (bottom, left ordinate) and -charge (bottom, right ordinate). B. Quantification of cell size, total-, burst- and sustained secretion reveals no difference between *vtilb* null and littermate wildtype controls. C. Release kinetics is unaltered in *vtilb* nulls: capacitance curves (from the middle panel of A) scaled to their respective values at 1 s have similar shapes. Data are means, error bars SEM. Wildtype control is shown in black (white bars in B histogram), *vtilb* nulls in green. Number of cells: wildtype: n=42; *vtilb* null: n=48.