Supplementary Figure S1  Reversible and repeated induction of vacuolar sequential exocytosis. (A) Vacuolar sequential exocytosis as revealed by SRB fluorescence in a chromaffin cell cluster exposed for the indicated times to high-K⁺ solution. The blue arrowhead indicates a stable vacuolar structure present before stimulation. Yellow arrows denote exocytic lumens. (B) Gradual shrinkage of exocytic lumens after cessation of stimulation. Stimulation of the preparation shown in (A) was terminated at 90 s; the times indicated are relative to the onset of the initial exposure to high-K⁺ solution. White arrows indicate exocytic lumens that shrank during the resting period. (C) Vacuolar sequential exocytosis induced by a second round of stimulation with high-K⁺ solution after the resting period shown in (B). The cells were reexposed to high-K⁺ solution at 1070 s. Yellow arrows show exocytic lumens.