

## Description of Additional Supplementary Files

**File name:** Supplementary Data 1

Description: The source data of Figure 1.

**File name:** Supplementary Data 2

Description: The source data of Figure 2.

**File name:** Supplementary Data 3

Description: The source data of Figure 3.

**File name:** Supplementary Data 4

Description: The source data of Figure 4.

**File name:** Supplementary Data 5

Description: The source data of Figure 5.

**File name:** Supplementary Data 6

Description: The source data of Figure 6.

**File name:** Supplementary Data 7

Description: The source data of Figure 7.

**File Name:** Supplementary Movie 1

Description: Representative responses of Ca<sup>2+</sup> in goat pancreatic acinar cells isolated from neonatal goats.

**File Name:** Supplementary Movie 2

Description: Representative responses of Ca<sup>2+</sup> in goat pancreatic acinar cells isolated from adult goats.

**File Name:** Supplementary Movie 3

Description: Representative responses of exocytosis in goat pancreatic acinar cells isolated from neonatal goats.

**File Name:** Supplementary Movie 4

Description: Representative responses of exocytosis in goat pancreatic acinar cells isolated from adult goats.