

Description of Additional Supplementary Files

Supplementary Movie 1: 3D rendering of mouse beta cell cilium within islet tissue.

Supplementary Movie 2: Raw ssET of a human beta cell primary cilium.

Supplementary Movie 3: FIB-SEM + Axoneme reconstruction of a mouse beta cell primary cilium.

Supplementary Movie 4: Spatial restriction of beta cell primary cilia.

Supplementary Movie 5: Beta cell axo-ciliary synapse.