S1 Fig. The 32 amino acid-long linker is not required for the correct localization of fluorescent protein-tagged BMV 1a helix B.

(A) Fluorescence microscopic images showing that mC-tagged BMV 1a helix B with or without the 32 aa-long linker is colocalized with an ER marker Sec63-GFP. L32-mC, which is not fused to BMV 1a or helix B, is localized in the cytosol (bottom panel). (B) Puncta (pointed by dotted arrows) are formed in cells coexpressing Sec63-GFP and the mC-tagged 1a mutant W429A. (C) Truncated versions of helix B spanning amino acids 416-422 (BMV HB 7) or 416-426 (BMV HB 11) fail to target mC to ER membranes. Scale bars: 2µm.