**Supplementary data**

**Snf7-Vps2 chimera sequence**

Myristoylation sequence from Vps20

Snf7 sequence

Linker-Vps2 MIM

ATGGGCCAAAAAAGTAGTAATGCCAAGAATAAAGAGTCACCAACAAAGGCCATAGTGCGGTTGAGGGAGCATATCAACCTTCTATCCAAAAAGCAATCGCATTTACGTACTCAAATTACAAATCAAGAGAATGAAGCTAGAATCTTTTTGACGAAGGGCAATAAAGTAATGGCGAAGAATGCACTTAAAAAGAAGAAGACAATCGAACAACTTTTAAGTAAGGTAGAAGGCACAATGGAGTCTATGGAACAGCAGCTATTCTCTATAGAAAGTGCAAACTTAAATCTAGAGACAATGAGGGCTATGCAGGAAGGTGCTAAGGCAATGAAAACTATTCACAGTGGCCTTGACATAGATAAAGTGGATGAAACTATGGACGAGATAAGGGAGCAAGTCGAATTAGGAGATGAAATAAGCGACGCTATATCCAGGCCTTTAATTACTGGGGCAAACGAGGTGGATGAAGATGAGCTGGACGAGGAATTGGACATGCTGGCTCAAGAAAATGCTAACCAAGAAACGTCCAAGATCGTTAATAATAATGTTAATGCGGCGCCTATCTCAGAGAACAAAGTCTCACTACCTAGTGTTCCAAGTAATAAAATTAAACAAAGTGAGAACTCTGTGAAGGACGGGGAAGAGGAAGAGGATGAAGAAGATGAAGATGAAAAAGCATTAAGAGAACTACAAGCAGAAATGGGGCTTGGTGGTGGTGGTTCTGGTGGTGGTGGTTCTGGTGGTGGTGGTTCTGACGACGACCTGCAGGCTCGTCTGAACACCCTGAAA

MGQKSSNAKNKESPTKAIVRLREHINLLSKKQSHLRTQITNQENEARIFLTKGNKVMAKNALKKKKTIEQLLSKVEGTMESMEQQLFSIESANLNLETMRAMQEGAKAMKTIHSGLDIDKVDETMDEIREQVELGDEISDAISRPLITGANEVDEDELDEELDMLAQENANQETSKIVNNNVNAAPISENKVSLPSVPSNKIKQSENSVKDGEEEEDEEDEDEKALRELQAEMGLGGGGSGGGGSGGGGSDDDLQARLNTLK