

## Supplementary Information

### ***In vesiculo* Synthesis of Peptide Membrane Precursors for Autonomous Vesicle Growth**

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## 1. Plasmid sequence for the plasmid encoding the membrane building block EF

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## 2. Gene sequence for the RNA aptamer dBroccoli

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## 3. Plasmid sequence for the plasmid encoding the fluorescent protein mVenus

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#### 4. Plasmid sequence for the plasmid encoding the fluorescent protein YPet

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