



Supplementary Fig. S4. Schematic diagram showing the pump used for injection of *Gymnodinium smaydae* cultures from the predator storage tank into the centrifuge in the continuous centrifugation system (A), the water tank used in the semi-continuous cultivation system (B), and the densities of *G. smaydae* and *Heterocapsa rotundata* cultivated and harvested for experiment 4 to determine the effects of flow rate of the injection pump from the predator storage tank into the centrifuge on harvesting *G. smaydae* cells (C). P in B, the peristaltic pump transporting HR or GS culture to the predator culture or predator storage tank.