

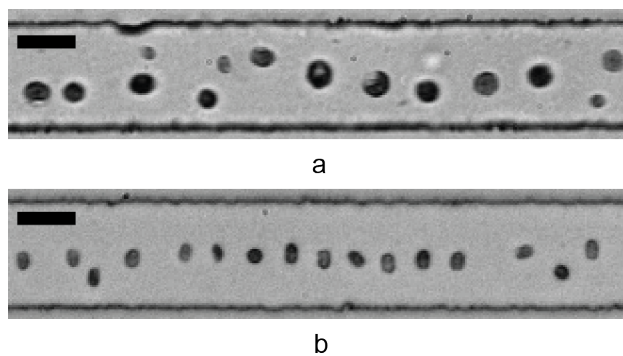


Fig. S1. Ordering of *C. reinhardtii* algae at higher flow rates. (a) Ordering of CC-125 algae at 15 $\mu\text{L}/\text{min}$ in the 31 x 44 μm channel. (b) Ordering of CC-124 algae at 15 $\mu\text{L}/\text{min}$ in a 22 x 44 μm channel. Note how the difference in size of the cells and the channel led to different cell spacing in the ordered trains. Scale bars represent 25 μm .