Description of Additional Supplementary Files for:
Activity-induced microswimmer interactions and cooperation in one-dimensional environments

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File Name: Supplementary Movie 1
Description: Swimmers that orbit the post with opposing direction of motion become immobilized on the post. The movie shows two catalytic swimmers of 2 µm diameter and 4.7 nm Pt that remain stationary in close contact along a circular post of 12 µm diameter (duration ≈ 1 min, real time, 5 fps).

File Name: Supplementary Movie 2
Description: The movie shows two catalytic swimmers of 2 µm diameter and 4.7 nm Pt orbiting a circular post of diameter 4 µm (duration ≈ 1 min, real time, 5 fps). Scale bar is 5 µm.

File Name: Supplementary Movie 3
Description: The movie shows three catalytic swimmers of 2 µm diameter and 4.7 nm Pt orbiting a circular post of diameter 4 µm (duration ≈ 1 min, real time, 5 fps). Scale bar is 5 µm.

File Name: Supplementary Movie 4
Description: The movie shows two catalytic swimmers of 2 µm diameter and 4.7 nm Pt orbiting a circular post of diameter 8 µm (duration ≈ 1 min, real time, 5 fps). Scale bar is 5 µm.

File Name: Supplementary Movie 5
Description: The movie shows the dynamic formation of a microswimmer chain (duration 9 s, real time, 9 fps). The 2 µm diameter swimmers initially move clockwise in a train along a peanut-shaped post. After encountering an immobile cluster at the edge, they compact into a long self-propelling chain.

File Name: Supplementary Movie 6
Description: Necks with high curvature act as accumulation sites for the 2 µm diameter swimmers. The movie shows the formation of a stationary microswimmer chain along the top neck side of a peanut-shaped post with high neck curvature.
while a formerly assembled chain also remains at rest along the bottom neck side of
the post (duration 24 s, real time, 9 fps).

**File Name: Supplementary Movie 7**
Description: The movie shows an actively-assembled microswimmer chain self-
pelling along a peanut-shaped post (duration 32 s, real time, 9 fps). During orbiting,
swimmers escape the chain from the back of the chain when they reach the rounded
post edge, and from the middle of the chain when they reach the neck or the rounded
post edge.

**File Name: Supplementary Movie 8**
Description: The movie shows an example of a microswimmer chain breakup into
two parts along a peanut-shaped post, followed by remobilization of one of the parts
and subsequent reformation of the entire chain at the neck site of the post (duration
38 s, real time, 9 fps).

**File Name: Supplementary Software**
Description: Mathematica notebook containing calculations on the collective effects
of co-moving microswimmers.