

Supplementary Material

The Motion of An *Inv* Nodal Cilium: a Realistic Model Revealing Dynein- Driven Ciliary Motion with Microtubule Mislocalization

Yanan Yu^a Kyosuke Shinohara^b Huanming Xu^a Zhenfeng Li^a
Tomoki Nishida^c Hiroshi Hamada^d Yuanqing Xu^a Jingqi Zhou^e
Daisy Shao^f Xiangchen Li^g Duanduan Chen^a

^aSchool of Life Science, Beijing Institute of Technology, Beijing, China, ^bDepartment of Biotechnology and Life Science, Tokyo University of Agriculture & Technology, Tokyo, ^cJapan Textile Products Quality and Technology Centre, Kobe, ^dLaboratory for Organismal Patterning, RIKEN Centre for Developmental Biology, Kobe, Japan, ^eChongqing Nankai Secondary School, Chongqing, China, ^fHyde Park Baptist High School, USA, ^gBeijing the Eighth High School, Beijing, China

Supplementary Video S1. The movement of the *inv* cilium.