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SUPPLEMENTARY MATERIAL

corresponding to:

**The origin of dopaminergic systems in chordate brains:
insights from amphioxus**

ELISABETH ZIEGER, THURSTON C. LACALLI, MARIO PESTARINO,
MICHAEL SCHUBERT and SIMONA CANDIANI

***Address correspondence to:** Simona Candiani. Laboratory of Developmental Neurobiology, DISTAV, University of Genova, Viale Benedetto XV 5 16132, Genova, Italy. Tel: +39 (10) 353-8051. Fax: +39 (10) 353-8226. E-mail: candiani@unige.it  <http://orcid.org/0000-0002-4453-5475> - or Thurston C. Lacalli. Biology Department, University of Victoria, Victoria, BC, V8W-3N5, Canada. Tel: +1 (250) 721-7095. Fax: +1 (250) 721-7120. E-mail: lacalli@uvic.ca  <http://orcid.org/0000-0003-3123-7062>

Full text for this paper is available at: <http://dx.doi.org/10.1387/ijdb.170153sc>

Movie 1. Stages in the development of undulatory swimming in *Branchiostoma lanceolatum*. *The video shows the muscular swimming movements, in slow motion, of B. lanceolatum larvae at 27 hpf (hours post fertilization), 30 hpf, and 72 hpf.*

Movie is available at: <http://dx.doi.org/10.1387/ijdb.170153sc>