

Materials List for:

Individual Culturing of *Tigriopus* Copepods and Quantitative Analysis of Their Mate-guarding Behavior

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Materials

Name	Company	Catalog Number	Comments
Instant Ocean Sea Salt	Spectrum Brands. Inc.	SS1-160P	For preparation of culture medium
PRO PlecoWafers	Tetra	16447	Food for copepods (used after being ground in a mortar)
Flat bottom 6-well tissue culture plate with lid	Corning Co., Ltd.	353224	Container for culture of gravid females and hatched nauplii
Flat bottom 24-well cell culture plate with lid	Corning Co., Ltd.	353226	Container for individual culturing
Flat bottom 48-well cell culture plate with lid	Nest Biotechnology Co., Ltd.	748001	Behavioral observation chambers
LED light pad	Shenzhen Huion Animation Technology Co., Ltd.	Litup LP4	Backlight for behavioral observation
Camera	Canon	0591C003 (model: Rebel T6i)	For recording of behavior
Pasteur pipette	Fisher Scientific	13-678-6A	For transfer of copepods
P10 micropipette tips	VWR	613-0735	For transfer of C1 stage copepodids
ImageJ	NIH	Version 1.49t	For semi-automatic analysis of movies
MTrackJ		Version 1.5.1	ImageJ plugin for tracking developed by Dr. Erik Meijering (Biomedical Imaging Group Rotterdam, Erasmus University Medical Center, The Netherlands)