

Materials List for:

Optogenetic Stimulation of Escape Behavior in *Drosophila melanogaster*

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Materials

Name	Company	Catalog Number	Comments
Reagent			
All-trans Retinal	Advance Scientific Chemical Inc	R3041	
Equipment			
Heat Sink 9.2 C/W	Luxeonstar	LPD30-30B	30 mm square X 30 mm high
Carclo 18 ° Tri-Lens	Luxeonstar	10507	
Blue Rebel LED on Tri-Star Base	Luxeonstar	MR-B0030-20T	470 nm, 174 lm @ 700 mA.
700 mA BuckPuck DC Driver	Luxeonstar	3021-D-E-700	
Wiring Harness for BuckPuck Driver	Luxeonstar	3021-HE	
Pre-cut thermal adhesive tape	Luxeonstar	LXT-S-12	20 mm Hex Base
Snap-Loc Coolant Hose, ¼" ID	McMaster-Carr	5307K49	
Snap-Loc Coolant Hose Connector	McMaster-Carr	5307K39	¼" NPT Male
Laboratory Grade Switching Mode Programmable DC Power Supply	BK Precision	1698	
Exilim camera	Casio	EX-FH20	