

Materials List for:

Evaluating Skilled Prehension in Mice Using an Auto-Trainer

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URL: <https://www.jove.com/video/59784>

DOI: [doi:10.3791/59784](https://doi.org/10.3791/59784)

Materials

Name	Company	Catalog Number	Comments
ABS Filament	Custom 3D Printed	N/A	utilized for pellet holder, frame, arm and funnel
ABS Sheet	McMaster-Carr	8586K581	3/8" thickness; used for platform components, positioning stand guides and base
Arduino Mini	Arduino	A000087	nano version also compatible as well as other similar microcontrollers
Bench-Top Adjustable-Height Positioning Stand	McMaster-Carr	9967T43	35 lbs. load capacity
Clear Acrylic Round Tube	McMaster-Carr	8532K14	ID 3/8"
Low-Carbon Steel Wire	McMaster-Carr	8855K14	0.148" diameter
Pellet Dispenser	Lafayette Instrument: Neuroscience	80209-45	with 45 mg interchangeable pellet size wheel and optional stand
Photointerrupter Breakout Board	SparkFun	BOB-09322 ROHS	designed for Sharp GP1A57HRJ00F
Reflective Object Sensor	Fairchild Semiconductor	QRD1113	phototransistor output
Servo Motor	SparkFun	S8213	generic metal gear (micro size)
Transmissive Photointerrupter	Sharp	GP1A57HRJ00F	gap: 10 mm, slit: 1.8 mm