

Materials List for:

# A Simple and Low-cost Assay for Measuring Ambulation in Mouse Models of Muscular Dystrophy

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URL: <https://www.jove.com/video/56772>

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## Materials

Name	Company	Catalog Number	Comments
Video camera	Apple Inc.	ME553LL/A	For recording ambulation video, iPhone 5S Plus (or equivalent)
Kinovea software (version 0.8.15)	Kinovea Association		Open source video analysis software. Free download, PC compatible (Version 0.8.15, <a href="http://www.kinovea.org">www.kinovea.org</a> )
iMovie (version 10.0.6)	Apple Inc.		Any similar software can be used to reduce video frame rate (optional)
Roughneck 32 Gallon Black Round Trash Bin (Open field chamber)	Rubbermaid	# 1778013	Any open field chamber system can be adapted for recording. This study uses a recording chamber constructed out of a tray on a platform, at the bottom of a large trash bin.
Avant White Plastic Tray 15"W x 10"D x 1.45"H (Open field chamber)	US Acrylic, LLC		Any open field chamber system can be adapted for recording. This study uses a recording chamber constructed out of a tray on a platform, at the bottom of a large trash bin.
C57BL/6J	Jackson Laboratory	#000664	Male 6 month mice
C57BL/10ScSn-Dmd/J ( <i>mdx</i> )	Jackson Laboratory	#001801	Male 6 month mice
<i>mdx</i> : utrophin-Tg ( <i>fiona</i> )	Gift from from James Ervasti, with permission from Kay Davies		Male 6 month mice