

**Materials List for:**

# Averaging of Viral Envelope Glycoprotein Spikes from Electron Cryotomography Reconstructions using Jsubtomo

Juha T. Huiskonen<sup>1</sup>, Marie-Laure Parsy<sup>1</sup>, Sai Li<sup>1</sup>, David Bitto<sup>1</sup>, Max Renner<sup>1</sup>, Thomas A. Bowden<sup>1</sup>

<sup>1</sup>Oxford Particle Imaging Centre, Division of Structural Biology, Wellcome Trust Centre for Human Genetics, University of Oxford

Correspondence to: Juha T. Huiskonen at [juha@strubi.ox.ac.uk](mailto:juha@strubi.ox.ac.uk)

URL: <https://www.jove.com/video/51714>

DOI: [doi:10.3791/51714](https://doi.org/10.3791/51714)

## Materials

Name	Company	Catalog Number	Comments
Jsubtomo (ver 1.3.1)	University of Oxford	n/a	<a href="http://www.opic.ac.uk/jsubtomo">www.opic.ac.uk/jsubtomo</a>
Bsoft (ver 1.8.7)	NIAMS, NIH	n/a	<a href="http://bsoft.ws">bsoft.ws</a>
UCSF Chimera	UCSF	n/a	<a href="http://www.cgl.ucsf.edu/chimera">www.cgl.ucsf.edu/chimera</a>