

**Materials List for:**

# Optimization of Synthetic Proteins: Identification of Interpositional Dependencies Indicating Structurally and/or Functionally Linked Residues

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URL: <https://www.jove.com/video/52878>

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## Materials

Name	Company	Catalog Number	Comments
Mac or Ubuntu OS computer	Various		Any Mac or GNU/Linux (e.g., Ubuntu) computer capable of running Python & associated shell scripts
Python programming language	python.org		Python version 2.7.6 or greater recommended
wxPython library	wxpython.org		Latest version recommended
SciPy library	scipy.org		Latest version recommended
PyOpenGL library	pyopengl.sourceforge.net		Latest version recommended
StickWRLD Python scripts	NCH BCCM		Available from <a href="http://www.stickwrlld.org">http://www.stickwrlld.org</a>
fasta2stick.sh file converter	NCH BCCM		Available from <a href="http://www.stickwrlld.org">http://www.stickwrlld.org</a>
Protein and/or DNA sequence data			Samples available at <a href="http://www.stickwrlld.org">http://www.stickwrlld.org</a>