

Materials List for:

Live Cell Imaging of *Bacillus subtilis* and *Streptococcus pneumoniae* using Automated Time-lapse Microscopy

Imke G. de Jong¹, Katrin Beilharz¹, Oscar P. Kuipers¹, Jan- Willem Veening¹

¹Molecular Genetics Group, Groningen Biomolecular Sciences and Biotechnology Institute, Centre for Synthetic Biology, University of Groningen

Correspondence to: Jan- Willem Veening at j.w.veening@rug.nl

URL: <https://www.jove.com/video/3145>

DOI: [doi:10.3791/3145](https://doi.org/10.3791/3145)

Materials

Name	Company	Catalog Number	Comments
Gene Frame	ABgene Limited	AB-0578	1.7 x 2.8 cm
high-resolution low melting agarose	Sigma-Aldrich	A4718	
big cover slip	Multiple Suppliers		24 x 50 mm
if desired, membrane dye, e.g. FM 5-95	Invitrogen	T23360	other membrane dyes are also available: http://probes.invitrogen.com/media/pis/mp34653.pdf
Time-lapse microscope with environmental chamber	Multiple Suppliers		see details for our device in the corresponding sections