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Materials List for

Targeted Laser Ablation in the Embryo of *Saccharina latissima*

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jove.com/video/63518

Materials

Name	Company	Catalog Number	Comments
25 mm glass bottom petri dish	NEST	801001	
Autoclaved sea water	-		Collected offshore near the Astan buoy (48°44.934 N 003°57.702 W) close to Roscoff, France, at a depth of 20 m.
Cell scraper	MED 2	83.3951	
Cell strainer 40 µm	Corning / Falcon	352340	
Culture cabinets	Snijders Scientific Plant Growth Cabinet ECD01		Any other brand is suitable provided that the light intensity, the photoperiod and the temperature can be controlled.
LSM 880 Zeiss confocal microscope	Carl Zeiss microscopy, Jena, Germany		Ablation and imaging were performed using a 40x/1.2 water objective
Pellet pestles	Sigma Aldrich	Z359947	Blue polypropylene (autoclavable)
Provasoli supplement	-		Recipe is available here: http://www.sb-roscoff.fr/sites/www.sb-roscoff.fr/files/documents/station-biologique-roscoff-preparation-du-provasoli-2040.pdf
Pulsed 355 laser (UGA-42 Caliburn 355/25)	Rapp OptoElectronic, Wedel, Germany		
Scalpel	Paramount	PDSS 11	
SysCon software	Rapp OptoElectronic, Wedel, Germany		Laser-driver software
ZEN software	Carl Zeiss microscopy, Jena, Germany		Imaging software, used together with the SysCon software; Black 2.3 version