

Materials List for:

The Barnacle *Balanus improvisus* as a Marine Model - Culturing and Gene Expression

Per R. Jonsson¹, Anna-Lisa Wrangé³, Ulrika Lind², Anna Abramova², Martin Ogemark¹, Anders Blomberg²

¹Department of Marine Sciences, University of Gothenburg

²Department of Chemistry and Molecular Biology, University of Gothenburg

³IVL Swedish Environmental Research Institute

Correspondence to: Anders Blomberg at anders.blomberg@cmb.gu.se

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Materials

Name	Company	Catalog Number	Comments
Plexiglas (poly-methyl methacrylate) panels	Plastic produkter, Bromma, Sweden		transparent glas
1.5 L PET bottle			
Artemia	INVE Aquaculture, Belgium		We have tested different companies; this is really the best one
<i>Skeletonema marinoi</i> (CCAP strain 1077/5)	CCAP (Culture Collection of Algae and Protozoa); Scotland	strain 1077/5	
<i>Chaetoceros simplex</i> var. <i>gracilis</i> (CCAP strain 1085/3)	CCAP (Culture Collection of Algae and Protozoa); Scotland	strain 1085/3	
Millipore cartridge filter system	Millipore		
cartridge with a nominal pore size of 0.2 µm	Millipore	cartridge CWSS01S03	High capacity for large volumes
polycarbonate bottle	Nalgene		autoclavable
RNA later	Qiagen	76106	Fixation solution to preserve RNA
TURBO DNA-free Kit	Invitrogen/Thermofisher Scientific	AM1907	DNase kit to remove DNA from prepared RNA
iScript cDNA Synthesis Kit	Biorad	1708890	cDNA synthesis kit
SYBR Green supermix	Biorad	1708880	Dye for QPCR
RNeasy minikit	Qiagen	74104	RNA extraction of adults or many cyprids
Soft tissue homogenising CK 14, 2 ml tubes	Precellys	KT03961-1-003.2	Ceramic beads for homogenisation
RNeasy micro kit	Qiagen	74004	RNA extraction of few cyprids