

P02210DS

Y2H Arabidopsis thaliana NubG-x cDNA library

Source data

Organism	Arabidopsis thaliana
Stage	6 days old seedlings (young plants)
Tissue	Mixture of dark grown (etiolated seedlings) and seedlings exposed to blue and far red light
RNA	total RNA

Construction data

Library vector	pDSL-Nx
Cloned	directional / Sfi I
1st strand synthesis	oligo dT
5' adapter	DSM4

Quality control data

Complexity	1.7x10E7	independent clones
Average insert size	1.7 kb	
Size range	1.2 - 2.5 kb	
% vectors with insert	100%	
% inserts > 250 bp	100%	

DSM4 adapter	5' AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGG 3'
oligo dT primer	5' ATTCTAGAGCCGAGGCGGCCGACATGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 3'
random hexamer primer	5' ATTCTAGAGCCGAGGCGGCCGACATGNNNNNN 3'

Libraries are supplied as purified plasmid DNA. Store at -20 °C upon arrival.
Vector sequences and maps can be found on our web-site www.mobitec.com.

Notice to purchaser: This product is for research use only. This product, or any of its components, may not be transferred for consideration or sold to any third party without the prior written agreement of MoBiTec and Dualsystems Biotech. Y2H Membrane Protein technology is patent pending. Purchase of any Y2H Membrane Protein products includes a limited, non-transferable license to practice the Y2H Membrane Protein System for non-commercial purposes only. Commercial entities who wish to use Y2H Membrane Protein products or components must obtain a separate commercial license from Dualsystems Biotech AG.

Sfi I cloning technology is licensed under U.S. Patent Number 5,595,895 from the National Institutes Of Health.

MoBiTec GmbH - Lotzestr. 22a - D-37083 Göttingen - www.mobitec.com
Phone: +49 (0)551 707 22-0 - Fax: +49 (0)551 707 22-22 - E-mail: info@mobitec.com