

Table S6. Formula for protoplast preparation

Recipe for the enzymatic solution

Stock Solutions	Final Concentration
Cellulase R-10	1.5%
Macerozyme R-10	0.4%
D-mannitol	0.4 M
KCl	20 mM
MES (pH=5.7)	20 mM
55°C 10 min, leave to cool at room temperature	
CaCl <sub>2</sub>	10 mM
β-mercaptoethanol	5 mM
BSA	0.1%

Recipe for the W5 solution

Stock Solutions	Final Concentration
NaCl	154 mM
CaCl <sub>2</sub>	125 mM
KCl	5 mM
MES (pH=5.7)	2 mM

Recipe for the MMg solution

Stock Solutions	Final Concentration
Mannitol	0.4 M
MgCl <sub>2</sub>	15 mM
MES (pH=5.7)	4 mM