

Technical table for *Allium*

Method 1: Vitrification using PVS2 as a cryoprotectant

	Preconditioning	Loading	Dehydration	Rewarming	Recovery
<b>Photoperiod</b>					16 h light/8 h dark
<b>Light Intensity</b>					Step 1: dark Step 2: 25 $\mu\text{M m}^{-2} \text{s}^{-2}$ Step 3: 55 $\mu\text{M m}^{-2} \text{s}^{-2}$
<b>Temperature</b>	5°C	21°C	21°C	21°C	25±3°C
<b>Transfer interval</b>	36 hours	20 minutes	15 minutes	20 minutes	Step 1: 4 days Step 2: 5 days
<b>Vessel used</b>	Petri dish	Petri dish	Petri dish, on ice	Petri dish	Petri dish
<b>Medium used</b>	Gamborg B5 basal medium+NAA+2iP	2 M glycerol+0.6 M sucrose+1/2 MS loading medium	chilled (0°C) 0.4 M sucrose+PVS2	1.2 M sucrose+1/2 MS medium	Gamborg B5 basal medium+NAA+2iP