

Technical table for *Allium*

Method 2: Vitrification using PVS3 as a cryoprotectant

	Preconditioning	Loading	Dehydration	Vitrification	Rewarming	Recovery
Photoperiod						16 h light/8 h dark
Light Intensity						Step 1: dark Step 2: 25 $\mu\text{M m}^{-2} \text{s}^{-2}$ Step 3: 55 $\mu\text{M m}^{-2} \text{s}^{-2}$
Temperature	5°C	21°C	21°C	2 °C	Step 1: 40°C water bath Step 2: 21°C	25±3°C
Transfer interval	36 hours	20 minutes	2 hours		Step 1: 2 minutes Step 2: 20 minutes	Step 1: 4 days Step 2: 5 days
Vessel used	Petri dish	Petri dish	Petri dish	cryovial	cryovial/Petri dish	Petri dish
Medium used	Gamborg B5 basal medium+NAA+2iP	2 M glycerol+0.4 M sucrose+1/2 MS loading medium	PVS3	PVS3	1.2 M sucrose+1/2 MS medium	Gamborg B5 basal medium+NAA+2iP