

Table 1 Tissue cell state change schedule of *Lycium ruthenicum*

Initiation state of tissue cells in <i>Lycium ruthenicum</i>	Termination state of tissue cells in <i>Lycium ruthenicum</i>	Time interval
Sterilized seeds were planted on MS medium	The aseptic seedlings grew well	Fourteen days
Well aseptic seedlings were transferred to MS-1 medium	Callus with diameter of about 10 mm were induced	Twenty-one days
Callus with diameter of about 10 mm were peeled and transferred to MS-2 medium	Callus continued to grow until differentiated buds appeared	Sixty days (subculture 3 times), 20 days each time
Differentiated buds appeared	Well growth buds were peeled from the callus	Twenty days
Well growth buds were peeled and transferred to MS medium	The seedlings continued to grow and produced 3-4 roots, which were used for further transplanting	Twenty days