

Supplementary Table S1. Adventitious shoot induction rate (%) and number of induced shoots from leaves, petioles and internodal segments of *Amelanchier alnifolia* var. *cusickii* grouped according to different explants and planth growth regulators (PGR) treatments.

	Shoot induction (%)	Induced shoots
Explant		
Leaves	0.67 ^b	0.17 ± 0.167
Petioles	1.33 ^b	1.33 ± 1.145
Internodal segments	29.33 ^a	4.05 ± 0.645
PGR (mg/L)		
1 BAP + 0.5 IBA	6.67 ^b	2.17 ± 1.01
2 BAP + 0.5 IBA	2.67 ^b	5.67 ± 5.17
3 BAP + 0.5 IBA	12.00 ^b	3.80 ± 0.99
1 TDZ + 0.5 IBA	9.33 ^b	1.25 ± 0.25
2 TDZ + 0.5 IBA	22.67 ^a	2.95 ± 0.58
3 TDZ + 0.5 IBA	10.67 ^b	5.30 ± 2.20

Different letters (a-b) indicate significant differences by LSD test ($p \leq 0.05$) in the same column. Induced shoots are presented as the means ± standard error.

Supplementary Table S2. Adventitious shoot induction rate (%) and number of induced shoots from leaves, petioles and internodal segments of *Lonicera kamtschatica* 'Jugana' grouped according to different explants and planth growth regulators (PGR) treatments.

	Shoot induction (%)		Induced shoots
Explant			
Leaves	0.57 ^a		0.29 ± 0.29
Petioles	4.57 ^a		1.64 ± 0.61
Internodal segments	4.00 ^a		2.82 ± 0.83
PGR (mg/L)		Leaves	
1 BAP + 0.2 IAA	4.00 ^{ab}	BAP	0.00 ± 0.00
2 BAP + 0.2 IAA	0.00 ^b	TDZ	0.67 ± 0.67
3 BAP + 0.2 IAA	0.00 ^b	Petioles	
0.5 BAP + 1.5 KIN + 0.2 IAA	2.66 ^{ab}	BAP	0.67 ± 0.21
1 TDZ + 0.2 IAA	8.00 ^a	TDZ	2.80 ± 1.16
		Internodal segments	
2 TDZ + 0.2 IAA	5.33 ^{ab}	BAP	0.25 ± 0.25
3 TDZ + 0.2 IAA	1.33 ^b	TDZ	4.29 ± 0.89

Different letters (a-b) indicate significant differences by LSD test ($p \leq 0.05$) in the same column. Induced shoots are presented as the means ± standard error.