

Genetic diversity and phylogenetic analysis of *Robinia pseudoacacia* L. populations using ISSR markers, ITS1 and trnL-F intergenic spacer sequences

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Electronic Supplementary Material (ESM)

The authors are fully responsible for both the content and the formal aspects of the Electronic Supplementary Material. No editorial adjustments were made.

Table S1. Analyses conducted on Prince Islands samples and the GPS coordinates of the samples

Individuals	Coordinates		Genetic studies	
	north	east	ISSR	phylogeny
PRI1	40°52.454'	29°07.665'	x	x
PRI2	40°52.414'	29°07.688'	x	—
PRI3	40°52.409'	29°07.701'	x	—
PRI4	40°52.399'	29°07.700'	x	x
PRI5	40°52.398'	29°07.721'	—	—
PRI6	40°52.392'	29°07.740'	x	—
PRI7	40°52.396'	29°07.815'	x	—
PRI8	40°52.377'	29°07.934'	x	—
PRI9	40°52.361'	29°07.964'	x	—
PRI10	40°52.330'	29°08.056'	x	x
PRI11	40°52.258'	29°08.170'	x	—
PRI12	40°52.338'	29°08.167'	x	—

PRI – Prince Islands; ISSR – inter simple sequence repeats

Table S2. Analyses conducted on Bağdat Avenue samples and the GPS coordinates of the samples

Individuals	Coordinates		Genetic studies	
	north	east	ISSR	phylogeny
BAG1	40°58.420'	29°03.255'	x	—
BAG2	40°58.329'	29°03.682'	x	—
BAG3	40°58.350'	29°03.678'	x	x
BAG4	40°58.174'	29°03.974'	x	x
BAG5	40°58.087'	29°03.992'	x	—
BAG6	40°58.084'	29°03.989'	x	—
BAG7	40°57.967'	29°04.222'	x	—
BAG8	40°57.676'	29°04.663'	x	x
BAG9	40°57.658'	29°04.711'	x	—
BAG10	40°57.691'	29°04.742'	x	—
BAG11	40°57.482'	29°05.143'	x	—
BAG12	40°57.431'	29°05.205'	x	—

BAG – Bağdat Avenue; ISSR – inter simple sequence repeats

Table S3. Analyses conducted on Barbaros Boulevard samples and the GPS coordinates of the samples

Individuals	Coordinates		Genetic studies	
	north	east	ISSR	phylogeny
BAR1	41°03.223'	29°00.571'	x	—
BAR2	41°03.227'	29°00.578'	x	—
BAR3	41°3.256'	29°00.671'	x	—
BAR4	41°02.882'	29°00.498'	x	—
BAR5	41°02.852'	29°00.493'	x	—
BAR6	41°02.843'	29°00.494'	x	—
BAR7	41°02.771'	29°00.470'	x	—
BAR8	41°02.771'	29°00.470'	x	—
BAR9	41°02.770'	29°00.467'	x	—
BAR10	41°02.770'	29°00.467'	x	x
BAR11	41°02.665'	29°00.452'	x	x
BAR12	41°02.666'	29°00.454'	x	x

BAR – Barbaros Boulevard; ISSR – inter simple sequence repeats

Table S4. Analyses conducted on Dilovası District samples and the GPS coordinates of the samples

Individuals	Coordinates		Genetic studies	
	north	east	ISSR	phylogeny
DIL1	40°46.951'	29°31.793'	x	—
DIL2	40°46.941'	29°31.802'	x	—
DIL3	40°46.944'	29°31.800'	x	—
DIL4	40°46.987'	29°31.789'	—	—
DIL5	40°47.015'	29°31.786'	x	—
DIL6	40°47.068'	29°31.784'	x	—
DIL7	40°47.086'	29°31.791'	x	x
DIL8	40°47.109'	29°31.784'	x	x
DIL9	40°47.233'	29°32.070'	x	x
DIL10	40°47.251'	29°32.062'	x	—
DIL11	40°47.508'	29°31.870'	x	—
DIL12	40°47.269'	29°31.768'	—	—

DIL – Dilovası District; ISSR – inter simple sequence repeats

Table S5. Analyses conducted on TEM highway samples and the GPS coordinates of the samples

Individuals	Coordinates		Genetic studies	
	north	east	ISSR	phylogeny
TEM16	40°52.940'	29°22.775'	x	—
TEM18	40°52.947'	29°22.773'	x	—
TEM19	40°52.952'	29°22.773'	x	x
TEM20	40°52.960'	29°22.758'	x	—
TEM21	40°52.970'	29°22.748'	x	—
TEM22	40°52.975'	29°22.743'	x	—
TEM23	40°52.980'	29°22.738'	x	—
TEM24	40°52.982'	29°22.731'	x	—
TEM25	40°52.989'	29°22.725'	x	x
TEM26	40°53.020'	29°22.688'	x	x
TEM27	40°53.048'	29°22.663'	x	—
TEM28	40°53.052'	29°22.659'	x	—
TEM29	40°53.062'	29°22.653'	x	—

TEM – Trans European Motorway; ISSR – inter simple sequence repeats