

S1. Sampling site information, microsatellite diversity and microsatellite raw data of 10 loci scored in 17 pedunculated oak (*Quercus robur* L.) populations in Croatia

No.	Population	ID	Forest Management	Forestry	Latitude (N)	Longitude (E)	Elevation (m a.s.l.)
1	P01	HR 609	Buzet	Buzet	45,35	13,82	22
2	P02	HR 389	Karlovac	Karlovac	45,48	15,70	114
3	P03	HR 387	Karlovac	Karlovac	45,55	15,73	108
4	P04	HR 330	Zagreb	Velika Gorica	45,67	16,16	99
5	P05	HR 203	Bjelovar	Vrbovec	45,83	16,67	105
6	P06	HR 317	Zagreb	Kutina	45,43	16,68	95
7	P07	HR 368	Sisak	Sunja	45,27	16,72	97
8	P08	HR 318	Zagreb	Lipovljani	45,43	16,82	96
9	P09	HR 627	Koprivnica	Repaš	46,15	17,18	115
10	P10	HR 163	Nova Gradiška	Stara Gradiška	45,18	17,18	98
11	P11	HR 577	Požega	Požega	45,35	17,80	168
12	P12	HR 160	Nova Gradiška	Trnjani	45,13	18,12	86
13	P13	HR 88	Našice	Koška	45,57	18,23	95
14	P14	HR 58	Osijek	Darda	45,73	18,58	90
15	P15	HRAM	Vinkovci	Otok	45,10	18,81	92
16	P16	HR 12	Vinkovci	Gunja	44,92	18,83	85
17	P17	HR 16	Vinkovci	Otok	45,03	18,90	81

No.	Locus	Repeat Motif	Size Range (bp)	Na	PIC	PI	Parameter	Description
M01	ssrQrZAG7	(TC) 17	101-169	25	0,909	0,013	Na	No. of alleles
M02	ssrQpZAG9	(AG) 12	181-205	13	0,870	0,025	PIC	Polymorphism Information Content
M03	ssrQrZAG11	(TC) 22	247-295	25	0,913	0,012	PI	Probability of Identity
M04	ssrQpZAG16	(AG) 21	143-181	20	0,881	0,021		
M05	ssrQrZAG30	(GA) 26	174-264	42	0,954	0,004		
M06	ssrQrZAG87	(TC) 20	104-154	24	0,878	0,022		
M07	ssrQrZAG96	(TC) 20	126-190	24	0,418	0,337		
M08	ssrQrZAG101	(TC) 20 (AC) 15	121-165	20	0,876	0,023		
M09	ssrQrZAG112	(GA) 32	76-148	34	0,876	0,023		
M10	MSQ13	(TC)	200-278	24	0,685	0,112		
	Average			25,10	0,826			
	Total			251				