

Dolejšek V., Mesterházy A., Lučanová M., Brožová V., Kaplan Z., Košnar J., Prančl J. & Koutecký P. (2026) Hidden diversity of *Ranunculus* sect. *Batrachium* in the Pannonian Basin: A Mediterranean trace in central Europe? – Preslia 98: 105–125.

Supplementary Table S4. Variable positions in the alignment of ITS sequences. Cytotypes sampled in the Pannonian basin are represented by the most frequent genotypes; if there is significant variation within one cytotype, one representative sequence for each sequence type is included. Taxa not sampled in the Pannonian Basin are represented by one typical genotype each; these additional sequences are marked by asterisk and have the genotype number from Koutecký et al. (2022) and Prančl et al. (2025) in the column Individual. The names of cytotypes and the numbers of non-Pannonian genotypes are the same as in Fig.4.

Cytotype	Individual	GenBank	071	079	080	096	101	109	112	114	115	122	126	129	130	133	138	142	144	151	152	163	164	169	181	190	246	257	265	267	268	479	480	481	
<i>R. aquatilis</i>	HU-20-6	PX273674	C	T	G	–	T	G	T	C	G	G	C	T	T	T	C	T	G	T	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
	HU-13-8	PX273672	C	T	G	–	T	G	T	C	G	G	C	T	Y	Y	C	T	G	Y	G	W	Y	Y	C	G	T	Y	C	R	Y	R	Y	–	
<i>R. baudotii</i>	HU-04-1	PX273669	C	T	Y	–	Y	G	Y	Y	G	G	Y	T	Y	Y	C	T	R	T	G	T	T	T	C	G	Y	C	C	R	Y	G	C	–	
	B14-038	MW430943	C	T	G	–	T	G	T	C	G	G	C	T	T	T	C	T	G	T	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
<i>R. circinatus</i>	HU-07-6	MW430779	C	T	G	–	T	G	T	C	G	G	C	T	C	C	C	T	G	C	R	A	C	T	C	G	T	T	C	C	G	C	A	T	–
<i>R. fluitans</i>	HU-01-2	PX273680	C	C	G	G	C	A	C	C	A	G	C	T	C	C	C	A	A	T	G	T	T	T	C	G	T	C	C	A	C	G	C	–	
<i>R. peltatus</i>	HU-17-1	PX273633	C	T	G	–	T	G	T	C	A	G	C	T	C	C	T	T	G	C	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
	HU-13-1	PX273632	C	T	G	–	T	G	T	C	A	G	C	T	C	C	Y	T	G	C	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
<i>R. peltatus</i> B	*I-120	PP777063	C	C	G	G	C	A	C	C	A	G	T	T	C	C	C	W	A	T	G	T	T	T	C	G	T	C	C	A	C	G	C	T	
<i>R. peltatus</i> C	*I-67	PP777114	C	T	G	–	T	G	T	C	G	G	C	T	C	C	C	T	G	C	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
<i>R. peltatus</i> ‘Pannonian 4x’	HU-21-1	PX273649	C	C	G	G	C	A	C	C	A	G	T	T	C	C	C	A	A	T	G	T	T	T	C	G	T	C	C	A	C	G	C	–	
<i>R. peltatus</i> ‘6x’	HU-14-3	PX273638	C	Y	G	G	Y	R	Y	C	A	G	Y	T	C	C	C	W	R	Y	G	T	T	T	C	G	T	C	C	R	Y	G	C	–	
	HU-21-2	PX273640	C	Y	G	G	Y	R	Y	C	A	G	Y	T	C	C	Y	W	R	Y	G	T	T	T	C	G	T	C	C	R	Y	G	C	–	
<i>R. penicillatus</i> A	*118	MW448125	C	Y	G	G	Y	R	Y	C	A	G	Y	T	C	C	Y	W	R	Y	G	T	T	T	C	G	T	C	C	R	Y	G	C	–	
<i>R. rionii</i>	HU-21-7	PX273628	C	T	G	–	T	G	T	C	A	T	C	T	T	C	C	T	G	C	G	A	C	T	C	G	T	C	C	G	G	C	A	T	–
<i>R. trichophyllus</i> A	*82	MW448138	T	T	G	–	T	G	T	C	A	G	C	C	C	C	C	T	G	C	G	T	T	T	C	A	T	C	C	G	T	G	C	–	
<i>R. trichophyllus</i> B	HU-14-9	PX273657	C	T	G	–	T	G	T	C	G	G	C	T	Y	Y	C	T	G	Y	G	W	Y	Y	C	G	T	Y	C	R	Y	R	Y	–	
	K17-13-08	MW430954	C	T	G	–	T	G	T	C	G	G	C	T	T	T	C	T	G	T	G	T	T	T	C	G	T	C	C	G	T	G	C	–	
<i>R. trichophyllus</i> C	*I-37	PP777171	C	T	G	–	T	G	T	C	G	G	C	T	C	C	C	T	G	C	G	A	C	T	T	G	T	T	C	G	C	A	T	–	
<i>R. trichophyllus</i> ‘Pannonian 4x’	HU-25-1	PX273659	C	T	G	–	T	G	T	C	G	G	C	T	C	C	C	T	G	C	G	A	C	T	C	G	T	T	C	G	C	A	T	–	
<i>R. trichophyllus</i> ‘2x’	HR-01-1	PX273655	C	T	G	–	T	G	T	C	G	G	C	T	C	C	C	T	G	C	G	A	C	T	C	G	T	T	C	G	C	A	T	–	

Supplementary Table S4 (continued).

Cytotype	Individual	GenBank	484	510	511	526	542	562	573	575	590	596	608	616	620	643
<i>R. aquatilis</i>	HU-20-6	PX273674	G	C	T	T	G	T	T	C	A	C	T	G	C	C
	HU-13-8	PX273672	G	C	T	Y	G	C	W	C	A	C	T	G	C	C
<i>R. baudotii</i>	HU-04-1	PX273669	G	C	T	Y	G	C	T	C	R	C	T	G	C	C
	B14-038	MW430943	G	C	T	T	G	C	T	C	A	C	T	G	C	C
<i>R. circinatus</i>	HU-07-6	MW430779	G	T	T	C	G	C	A	C	A	C	T	G	C	Y
<i>R. fluitans</i>	HU-01-2	PX273680	G	C	T	C	G	C	T	C	G	C	T	G	T	C
<i>R. peltatus</i>	HU-17-1	PX273633	G	C	C	C	A	C	T	C	A	C	T	G	C	C
	HU-13-1	PX273632	G	C	C	C	A	C	T	C	A	C	T	G	C	C
<i>R. peltatus B</i>	*I-120	PP777063	W	C	T	C	G	C	T	C	G	C	T	G	C	C
<i>R. peltatus C</i>	*I-67	PP777114	G	C	C	C	G	C	T	C	A	C	T	G	C	C
<i>R. peltatus</i> Pannonian 4x	HU-21-1	PX273649	G	C	T	C	R	C	T	C	G	T	G	A	C	C
<i>R. peltatus</i> 6x	HU-14-3	PX273638	G	C	Y	C	R	C	T	C	R	C	T	G	C	C
	HU-21-2	PX273640	G	C	Y	C	R	C	T	C	R	C	T	G	C	C
<i>R. penicillatus</i> A	*118	MW448125	G	C	Y	C	R	C	T	C	R	C	T	G	Y	C
<i>R. rionii</i>	HU-21-7	PX273628	T	T	T	C	G	C	A	A	A	C	T	G	C	C
<i>R. trichophyllus</i> A	*82	MW448138	G	C	C	C	A	C	T	C	A	C	T	G	C	C
<i>R. trichophyllus</i> B	HU-14-9	PX273657	G	C	T	Y	G	Y	W	C	A	C	T	G	C	C
	K17-13-08	MW430954	G	C	T	T	G	C	T	C	A	C	T	G	C	C
<i>R. trichophyllus</i> C	*I-37	PP777171	G	T	T	C	A	C	A	C	A	C	T	G	C	C
<i>R. trichophyllus</i> Pannonian 4x	HU-25-1	PX273659	G	T	T	C	G	C	A	C	A	C	T	G	C	C
<i>R. trichophyllus</i> 2x	HR-01-1	PX273655	G	T	T	C	A	C	A	C	A	C	T	G	C	C