

Supplement. Table S. Taxon names, GenBank accession numbers and sources of the ITS sequences used in this study

Species	Number in GenBank	Specimen	Reference
<i>Zingeria biebersteiniana</i> (Claus) P.A. Smirn.	AJ428836	Prishib, Volgograd, Russia	[1]
<i>Z. biebersteiniana</i>	DQ910765	Rakhinka, Volgograd, Russia	[2]
<i>Z. biebersteiniana</i>	HE802184		[3]
<i>Z. biebersteiniana</i>	KP296134	specimen_voucher "HAL:M.Roeser s.n."	Acedo,C., Alonso,A. and Llamas,F. Unpublished
<i>Z. kochii</i> (Mez) Tzvelev	FJ169905	Kotayskiy region, Armenia	[4]
<i>Z. kochii</i>	FJ169906	Kotayskiy region, Armenia	[4]
<i>Z. kochii</i>	FJ169907	Kotayskiy region, Armenia clone 5m	[4]
<i>Z. kochii</i>	FJ169908	Kotayskiy region, Armenia clone 14f	[4]
<i>Z. kochii</i>	FJ169909	Kotayskiy region, Armenia clone 24f	[4]
<i>Z. kochii</i>	FJ169910	Kotayskiy region, Armenia clone 3f	[4]
<i>Z. kochii</i>	FJ169911	Kotayskiy region, Armenia clone 10f	[4]
<i>Z. kochii</i>	FJ169912	Kotayskiy region, Armenia clone 8r	[4]
<i>Z. kochii</i>	FJ169913	Kotayskiy region, Armenia clone 5f	[4]
<i>Z. kochii</i>	FJ169914	Kotayskiy region, Armenia clone 16r	[4]
<i>Z. kochii</i>	FJ169915	Kotayskiy region, Armenia clone 1f	[4]
<i>Z. kochii</i>	FJ169916	Kotayskiy region, Armenia	[4]

		clone 6r	
<i>Z. kochii</i>	FJ169917	Kotayskiy region, Armenia clone 4r	[4]
<i>Z. kochii</i>	FJ169918	Kotayskiy region, Armenia clone 1m	[4]
<i>Z. kochii</i>	FJ169919	Kotayskiy region, Armenia clone 2m	[4]
<i>Z. kochii</i>	FJ169920	Kotayskiy region, Armenia 3m	[4]
<i>Z. pisidica</i> (Boiss.) Tutin	GU299764	Jermuk, Armenia	[4]
<i>Z. pisidica</i>	FJ169921	Jermuk, Armenia	[4]
<i>Z. pisidica</i>	GU299763	Jermuk, Armenia	[4]
<i>Z. trichopoda</i> (Boiss.) P.A. Smirn.	AJ428835	Jermuk, Armenia	[1]
<i>Z. trichopoda</i>	FM179441	(Jermuk, Armenia) Seed obtained from Institute of Plant Genetics and Crop Plant Research, Gatersleben in 2002	[5]
<i>Z. trichopoda</i>	FJ196301	Gori District, Georgia	[2]
<i>Z. trichopoda</i>	KP296135	specimen voucher "HAL:M.Roeser s.n."	Acedo,C., Alonso,A. and Llamas,F. Unpublished
<i>Catabrosella araratica</i> (Lipsky) Tzvelev	HE802183		[3]
<i>C. araratica</i>	FJ196300	Gegharkunik region, Armenia	[2]
<i>Catabrosella subornata</i> E.B. Alexeev	FJ013225	Talysh-Mugan Autonomous Region, Azerbaijan	[2]
<i>Catabrosella variegata</i> (Boiss.) Tzvelev	AY862811	Karachaevo-Cherkessiya, Russia	[6]
<i>C. variegata</i>	EU792332	Turkey	[7]
<i>C. variegata</i>	KM523774	Adygea, Russia	[8]
<i>Colpodium</i> <i>chionogeiton</i> (Pilg.) Tzvelev	HE802185		[3]
<i>Colpodium hedbergii</i> (Melderis) Tzvelev	HE802186		[3]
<i>Colpodium versicolor</i> Woronow ex Grossh.	AY497472	Karachaevo-Cherkessiya, Russia	[2]
<i>C. versicolor</i>	FM179397	South Osetia, Georgia	[5]
<i>C. versicolor</i>	AJ867446	Armenia	[4]
<i>C. versicolor</i>	AJ867445	Georgia	[4]
<i>Poa diaphora</i> Trin.	EU792400	Turkey	[7]
<i>P. diaphora</i>	HE802188		[3]

<i>P. diaphora</i>	JF786336	Altai republic, Russia	Nosov,N., Machs,E.M., Rodionov,A.V. Unpublished
<i>Poa diaphora</i> subsp. <i>oxyglumis</i> (Boiss.) Soreng & G.H.Zhu	MH921317	Turkey	[9]
<i>Poa diaphora</i> subsp. <i>oxyglumis</i>	MH921318	Turkey	[9]
<i>Poa diaphora</i> subsp. <i>oxyglumis</i>	MH921315	Turkey	[9]
<i>P. diaphora</i> var. <i>songarica</i> (Schrenk ex Fisch. & C.A.Mey.) Soreng, Cabi & L.J.Gillespie	MH921324	Iran	[9]
<i>P. diaphora</i> subsp. <i>songarica</i>	MH921325	Turkey	[9]
<i>P. persica</i> Trin.	KY378812	Turkey	[10]
<i>P. persica</i>	MH921319	Iran	[9]
<i>P. persica</i>	MH921321	Iran	[9]
<i>P. persica</i>	MH921322	Iran	[9]
<i>Poa persica</i> subsp. <i>multiradiata</i> (Trautv.) Soreng, Cabi & L.J.Gillespie	MH921314	Turkey	[9]

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Fig. S1. Network among ITS1 ribotypes of grasses from the *Zingeria*, *Colpodium* and *Catabrosella* genera, revealed by the split decomposition algorithm. Intragenomic ribotypes obtained via NGS are written in capital letters, the number before represents percentage of the ribotype in genome. Sequences from GenBank followed by accession number.

