

Genomic assessment of white clover and perennial ryegrass genetic resources

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Additional File 1: full list of the accessions selected

MFGC accession number	Country of origin	Country code
A3446	New Zealand	NZL
A3450	New Zealand	NZL
A3453	New Zealand	NZL
A3455	New Zealand	NZL
A3456	New Zealand	NZL
A3458	New Zealand	NZL
A3461	New Zealand	NZL
A3462	New Zealand	NZL
A3463	New Zealand	NZL
A3466	New Zealand	NZL
A3467	New Zealand	NZL
A3468	New Zealand	NZL
A3472	New Zealand	NZL
A3475	New Zealand	NZL
A3476	New Zealand	NZL
A3479	New Zealand	NZL
A3480	New Zealand	NZL
A3481	New Zealand	NZL
A3482	New Zealand	NZL
A3483	New Zealand	NZL
A3489	New Zealand	NZL
A3776	New Zealand	NZL
A3777	New Zealand	NZL
A3832	New Zealand	NZL
A3838	New Zealand	NZL
A4301	New Zealand	NZL
A4638	New Zealand	NZL
A4644	New Zealand	NZL
A4645	New Zealand	NZL
A5518	New Zealand	NZL
A6008	Italy	ITA

MFGC accession number	Country of origin	Country code
A6012	Spain	SPN
A6013	Spain	SPN
A6014	Spain	SPN
A6016	Spain	SPN
A6017	Spain	SPN
A6882	New Zealand	NZL
A6883	New Zealand	NZL
A6884	New Zealand	NZL
A6885	New Zealand	NZL
A6886	New Zealand	NZL
A6887	New Zealand	NZL
A6888	New Zealand	NZL
A6889	New Zealand	NZL
A6890	New Zealand	NZL
A6891	New Zealand	NZL
A6892	New Zealand	NZL
A6893	New Zealand	NZL
A6897	New Zealand	NZL
A6898	New Zealand	NZL
A6900	New Zealand	NZL
A6901	New Zealand	NZL
A6902	New Zealand	NZL
A6903	New Zealand	NZL
A6904	New Zealand	NZL
A6906	New Zealand	NZL
A6907	New Zealand	NZL
A6908	New Zealand	NZL
A6909	New Zealand	NZL
A6910	New Zealand	NZL
A6912	New Zealand	NZL
A6914	New Zealand	NZL

Note: no accessions were excluded from GBS and genetic analysis

MFGC accession number	Country of origin	Country code
A6915	New Zealand	NZL
A6916	New Zealand	NZL
A6917	New Zealand	NZL
A6920	New Zealand	NZL
A6921	New Zealand	NZL
A6922	New Zealand	NZL
A6923	New Zealand	NZL
A6924	New Zealand	NZL
A6925	New Zealand	NZL
A6926	New Zealand	NZL
A6927	New Zealand	NZL
A6928	New Zealand	NZL
A6929	New Zealand	NZL
A6930	New Zealand	NZL
A6931	New Zealand	NZL
A7271	Portugal	POR
A7273	Portugal	POR
A7274	Portugal	POR
A7275	Spain	SPN
A7276	Spain	SPN
A7277	Spain	SPN
A7278	Italy	ITA
A7279	Italy	ITA
A7280	Italy	ITA
A7281	Italy	ITA
A7283	Italy	ITA
A7284	Italy	ITA
A7287	Italy	ITA
A7288	Spain	SPN
A7289	Portugal	POR
A7290	Spain	SPN
A7292	Spain	SPN
A7295	Spain	SPN
A7296	Spain	SPN
A7297	Spain	SPN
A7757	Spain	SPN
A8801	New Zealand	NZL
A8802	New Zealand	NZL
A8803	New Zealand	NZL
A8804	New Zealand	NZL
A8805	New Zealand	NZL

MFGC accession number	Country of origin	Country code
A8807	New Zealand	NZL
A8808	New Zealand	NZL
A8809	New Zealand	NZL
A8810	New Zealand	NZL
A8811	New Zealand	NZL
A8812	New Zealand	NZL
A8813	New Zealand	NZL
A8814	New Zealand	NZL
A8815	New Zealand	NZL
A8816	New Zealand	NZL
A8817	New Zealand	NZL
A8818	New Zealand	NZL
A8819	New Zealand	NZL
A8820	New Zealand	NZL
A8821	New Zealand	NZL
A8822	New Zealand	NZL
A8823	New Zealand	NZL
A8824	New Zealand	NZL
A8825	New Zealand	NZL
A8826	New Zealand	NZL
A8827	New Zealand	NZL
A8828	New Zealand	NZL
A10971	United States of America	USA
A14491	Turkey	TUR
A14492	Turkey	TUR
A14493	Turkey	TUR
A14494	Turkey	TUR
A14495	Turkey	TUR
A14496	Turkey	TUR
A14497	Turkey	TUR
A14498	Turkey	TUR
A14499	Turkey	TUR
A14500	Turkey	TUR
A14501	Turkey	TUR
A14502	Turkey	TUR
A14503	Turkey	TUR
A14504	Turkey	TUR
A14505	Turkey	TUR
A14506	Turkey	TUR
A14507	Turkey	TUR
A14508	Turkey	TUR

Note: no accessions were excluded from GBS and genetic analysis

MFGC accession number	Country of origin	Country code
A14509	Turkey	TUR
A14510	Turkey	TUR
A14511	Turkey	TUR
A14512	Turkey	TUR
A14513	Turkey	TUR
A14514	Turkey	TUR
A14515	Turkey	TUR
A14516	Turkey	TUR
A14517	Turkey	TUR
A14518	Turkey	TUR
A14519	Turkey	TUR
A14539	Portugal	POR
A14540	Spain	SPN
A14541	Italy	ITA
A14542	Italy	ITA
A14543	Italy	ITA
A14544	Italy	ITA
A14545	Italy	ITA
A14546	Spain	SPN
A14548	Spain	SPN
A14549	Spain	SPN
A14551	Spain	SPN
A14552	Portugal	POR
A14553	Portugal	POR
A14554	Portugal	POR
A15240	New Zealand	NZL
A15246	New Zealand	NZL
A15247	New Zealand	NZL
A15248	New Zealand	NZL
A15249	New Zealand	NZL
A15250	New Zealand	NZL
A15251	New Zealand	NZL
A15253	New Zealand	NZL
A15254	New Zealand	NZL
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A15256	New Zealand	NZL
A15257	New Zealand	NZL
A15258	New Zealand	NZL
A15259	New Zealand	NZL
A15261	New Zealand	NZL
A15262	New Zealand	NZL

MFGC accession number	Country of origin	Country code
A15263	New Zealand	NZL
A15265	New Zealand	NZL
A15266	New Zealand	NZL
A15267	New Zealand	NZL
A15268	New Zealand	NZL
A15269	Spain	SPN
A15270	Spain	SPN
A15271	Spain	SPN
A15272	Spain	SPN
A15273	Spain	SPN
A15274	Spain	SPN
A15275	Spain	SPN
A15276	Spain	SPN
A15277	Spain	SPN
A15278	Spain	SPN
A15286	Monaco	MON
A15309	Afghanistan	AFG
A15354	Iran	IRA
A15361	Morocco	MOR
A15364	Morocco	MOR
A15369	Tunisia	TUN
A15371	Tunisia	TUN
A15387	Turkey	TUR
A15735	Portugal	POR
A15736	Portugal	POR
A15737	Portugal	POR
A15738	Spain	SPN
A15739	Spain	SPN
A15743	Spain	SPN
A15744	Spain	SPN
A15745	Spain	SPN
A15746	Spain	SPN
A15747	Spain	SPN
A15749	Spain	SPN
A15750	Spain	SPN
A15751	Spain	SPN
A15752	Spain	SPN
A15753	Spain	SPN
A15754	Spain	SPN
A15755	Spain	SPN
A15756	Spain	SPN

Note: no accessions were excluded from GBS and genetic analysis

MFGC accession number	Country of origin	Country code
A15757	Spain	SPN
A15759	Spain	SPN
A15761	Spain	SPN
A15762	Spain	SPN
A15763	Spain	SPN
A15764	Portugal	POR
A15766	Portugal	POR
A15767	Portugal	POR
A15768	Portugal	POR
A15769	Portugal	POR
A15770	Portugal	POR
A15771	Portugal	POR
A15772	Portugal	POR
A15773	Portugal	POR
A17154	South Africa	SAF
A17161	Italy	ITA
A17171	Italy	ITA
A17181	Italy	ITA
A17186	Italy	ITA
A20032	Georgia	GEO
A20033	Georgia	GEO
A20034	Georgia	GEO
A20035	Georgia	GEO
A20036	Georgia	GEO
A20037	Georgia	GEO
A20038	Georgia	GEO
A20039	Georgia	GEO
A20040	Georgia	GEO
A20041	Georgia	GEO
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A20044	Georgia	GEO
A20045	Georgia	GEO
A20046	Georgia	GEO
A20048	Georgia	GEO
A20049	Georgia	GEO
A20051	Georgia	GEO
A20053	Georgia	GEO
A20054	Georgia	GEO
A20055	Georgia	GEO
A20056	Georgia	GEO

MFGC accession number	Country of origin	Country code
A20057	Georgia	GEO
A20058	Armenia	ARM
A20059	Armenia	ARM
A20060	Armenia	ARM
A20061	Armenia	ARM
A20062	Armenia	ARM
A20063	Armenia	ARM
A20064	Armenia	ARM
A20065	Armenia	ARM
A20066	Armenia	ARM
A20067	Armenia	ARM
A20068	Armenia	ARM
A20069	Armenia	ARM
A20199	Spain	SPN
A20200	Greece	GRE
A20201	Spain	SPN
A20202	Italy	ITA
A20206	Turkey	TUR
A20207	Greece	GRE
A20208	Greece	GRE
A20209	Turkey	TUR
A20212	Spain	SPN
A20213	France	FRA
A20214	Spain	SPN
A20215	Spain	SPN
A20216	Spain	SPN
A20217	Turkey	TUR
A20218	France	FRA
A20219	Greece	GRE
A20220	Turkey	TUR
A20221	Italy	ITA
A20223	Italy	ITA
A20225	Turkey	TUR
A20226	Turkey	TUR
A20227	Denmark	DEN
A20229	Italy	ITA
A20232	Tajikistan	TAJ
A20233	Tajikistan	TAJ
A20234	Tajikistan	TAJ
A20235	Tajikistan	TAJ
A20236	Tajikistan	TAJ

Note: no accessions were excluded from GBS and genetic analysis

MFGC accession number	Country of origin	Country code
A20237	Tajikistan	TAJ
A20269	Spain	SPN
A20271	Spain	SPN
A20273	Spain	SPN
A20274	Spain	SPN
A20275	Spain	SPN
A20276	Portugal	POR
A20291	Norway	Nor
A20297	Portugal	POR
A20421	Georgia	GEO
A20485	Turkey	TUR
A20486	Turkey	TUR
A20487	Turkey	TUR
A22329	Cyprus	CYP
A22330	Cyprus	CYP
A22331	Cyprus	CYP
A22333	Cyprus	CYP
A22334	Cyprus	CYP
A22335	Cyprus	CYP
A22336	Cyprus	CYP
A22337	Cyprus	CYP
A22355	Greece	GRE
A22356	Greece	GRE
A22357	Greece	GRE
A22358	Greece	GRE
A22359	Greece	GRE
A22361	Greece	GRE

MFGC accession number	Country of origin	Country code
A22362	Greece	GRE
A22363	Greece	GRE
A22364	Greece	GRE
A22365	Greece	GRE
A22366	Greece	GRE
A22367	Greece	GRE
A22368	Greece	GRE
A22369	Greece	GRE
A22370	Greece	GRE
A22371	Greece	GRE
A22372	Greece	GRE
A22373	Greece	GRE
A22374	Greece	GRE
A22375	Greece	GRE
A22376	Greece	GRE
A22377	Greece	GRE
A22378	Turkey	TUR
A22379	Afghanistan	AFG
A22382	Morocco	MOR
A22383	Portugal	POR
A22384	Spain	SPN
A22385	Spain	SPN
A25265	NZ cultivar 'Nui SE'	
A25267	NZ cultivar 'Ruanui Nil endophyte'	
A8393	NZ cultivar 'Impact AR1'	
A16860	NZ cultivar 'One50 AR37'	
A24120	NZ cultivar 'Samson AR37'	

Note: no accessions were excluded from GBS and genetic analysis