

Table S5 Frequency of null alleles at the SSR loci

Population	sfc0018	sfc0161	sfc1063	sfc1143	GOT066	FIR065	FIR004	FS3-04	mfs11	Mean
adult populations										
DE-SEW5	0.0575	0	0.0434	0.0041	0	0.1976	0.0637	0	0	0.0407
DE-SEW9	0	0	0	0	0.0234	0.2036	0.106	0.0345	0	0.0408
DE-GL	0.0076	0	0	0	0	0.2461	0.015	0.0472	0	0.0351
DE-GS	0.0359	0.0253	0	0	0.0712	0.1968	0.0843	0.0504	0.0045	0.0520
DE-US	0.0281	0	0.0061	0	0	0.115	0.0746	0.0907	0	0.0349
DE-CL	0.0093	0.0612	0.0273	0	0	0.1456	0.0452	0.0108	0	0.0333
DE-CS	0.0024	0.0101	0.0141	0.0103	0	0.1722	0.0378	0	0	0.0274
DE-HA	0.0234	0.0118	0	0	0.0297	0.1859	0.1047	0.073	0	0.0476
DE-HEW10	0.0306	0	0.0031	0.0472	0	0.0989	0.0675	0.0594	0	0.0341
DE-HEW6	0.0034	0.0058	0.0052	0.05	0	0.121	0.0391	0	0	0.0249
DE-AEW5	0.0159	0	0.0043	0.0082	0.0191	0.0424	0.0757	0.0248	0	0.0212
DE-AEW8	0	0	0.01	0	0.0208	0.0791	0.1404	0	0	0.0278
CH-E-Felsberg	0	0	0	0.0566	0	0.0628	0.0994	0.0466	0	0.0295
CH-E-Chur	0.0512	0	0	0	na	0.0265	0.0448	0.0662	0	0.0236
CH-E-Malans	0	0.021	0	0	0	0	0.027	0	0.0016	0.0055
CH-E-Mastrils	0	0	0	0.0265	0	0	0.0175	0.022	0.0077	0.0082
CH-E-Sargans	0	0.0308	0.1106	0	0	0.1505	0	0	0	0.0324
CH-E-Mels	0	0	0.0366	0	0	0	0.0707	0	0	0.0119
CH-W-Ardon	0.0246	0.0145	0	0	0	0.0775	0.1184	0.0866	0	0.0357
CH-W-Chamoson	0	0	0	0	0	0	0.0953	0	0	0.0106
CH-W-Saxon	0.0049	0	0	0	0	0.0194	0.1013	0.1781	0	0.0337
CH-W-Martigny	0.065	0	0.0121	0	0	0.1017	0.0017	0	0.12	0.0334
CH-W-Collombey	0.0431	0	0	0.0448	0	0	0.0599	0.0128	0.044	0.0227
CH-W-Ollon	0	0	0	0	0	0.0667	0	0.0626	0	0.0144

Population	sfc0018	sfc0161	sfc1063	sfc1143	GOT066	FIR065	FIR004	FS3-04	mfs11	Mean
					seedlings					
DE-SEW5	0.0173	0	0.0338	0	0	0	0.1726	0.0596	0.0297	0.0348
DE-SEW9	0.0009	0	0.0272	0.025	0.0349	0.0263	0.0959	0.0892	0	0.0333
DE-GL	0.0187	0.0106	0.0232	0.0464	0	0.0247	0.0234	0	0.0112	0.0176
DE-GS	0.0005	0.0109	0	0.0131	0	0	0.0832	0.023	0.0026	0.0148
DE-US	0.0294	0	0	0.0423	0	0.035	0.0892	0.046	0.0216	0.0293
DE-CL	0.0094	0.0011	0.052	0	0	0.0071	0.072	0.0019	0.0151	0.0176
DE-CS	0.0176	0	0.0241	0	0	0.0412	0.0146	0.0303	0.0071	0.0150
DE-HA	0.0084	0.012	0.0296	0	0	0	0.0943	0	0	0.0160
DE-HEW10	0.0094	0	0.0195	0	0.0721	0.008	0.1397	0.0436	0	0.0325
DE-HEW6	0.0167	0	0	0.0259	0	0	0.1081	0	0	0.0167
DE-AEW5	0.0114	0.0318	0.0444	0	0	0	0.1715	0.0603	0	0.0355
DE-AEW8	0.0158	0	0	0	0	0.008	0.0793	0.0174	0	0.0134
CH-E-Felsberg	0	0.0454	0.0326	0.0479	0	0	0	0.0099	0.0298	0.0184
CH-E-Chur	0	0.0318	0	0.0035	0	0	0.079	0.0331	0	0.0164
CH-E-Malans	0.0097	0	0.0492	0.0266	0	0	0.0359	0	0	0.0135
CH-E-Mastrils	0.0284	0.0791	0	0	0	0	0.0243	0	0.049	0.0201
CH-E-Sargans	0	0.0231	0	0	0	0	0	0	0	0.0026
CH-E-Mels	0.0167	0	0.0047	0	0	0	0	0.0158	0	0.0041
CH-W-Ardon	0.0342	0	0	0	0	0.0333	0.0108	0.0185	0.0118	0.0121
CH-W-Chamoson	0.0306	0	0.0161	0	0	0.0003	0.0035	0.0503	0	0.0112
CH-W-Saxon	0.0058	0.0391	0	0.0238	0	0.0005	0	0.0767	0	0.0162
CH-W-Martigny	0	0	0	0	0	0.0057	0.0638	0.0159	0.0038	0.0099
CH-W-Collombey	0.0395	0.054	0.0237	0.022	0	0	0	0.0214	0	0.0178
CH-W-Ollon	0	0	0	0	0	0	0.0042	0	0	0.0005