

Supplemental Table S7. Simple sequence repeats of Ranunculales plants identified using MISA.

Sample ID	Monomer	Dimer	Trimer	Tetramer	Pentamer	Hexamer	Total
59	5,200	1,198	3,712	180	49	30	10,369
00132	11,358	5,794	3,414	317	58	27	20,968
00210	7,537	2,892	3,743	386	90	142	14,790
00303	9,186	4,868	2,433	182	20	14	16,703
00392	3,998	1,794	2,265	154	46	142	8,399
00626	8,590	3,195	2,960	204	72	101	15,122
00888	21,046	4,944	4,968	485	84	13	31,540
00910	8,529	3,162	3,107	459	150	62	15,469
01159	10,103	4,504	3,037	237	56	20	17,957
01205	5,002	2,250	3,238	158	147	84	10,879
01207	3,055	1,467	1,589	47	19	26	6,203
07839	5,225	1,277	1,345	59	26	21	7,953
07886	6,139	1,720	2,377	116	34	62	10,448
07887	4,161	2,027	1,750	68	21	23	8,050
07897	5,977	2,014	3,344	160	68	76	11,639
07963	23,519	3,067	2,838	291	58	61	29,834
07968	19,803	2,623	2,468	256	28	52	25,230
07969	6,441	1,681	2,889	133	33	34	11,211
07970	9,499	2,033	2,251	145	21	35	13,984
07985	4,895	2,105	3,312	175	118	83	10,688
08000	4,993	1,564	2,253	94	28	70	9,002
08013	10,490	6,884	2,703	229	44	42	20,392
08047	5,681	2,404	3,442	210	69	82	11,888
08059	3,002	1,919	1,745	59	31	62	6,818
08105	10,678	3,995	5,498	483	99	117	20,870
08121	6,178	6,374	1,871	58	10	35	14,526
08177	7,579	2,655	3,798	224	134	113	14,503
08256	4,714	1,739	2,200	153	43	160	9,009
08260	3,650	1,741	3,141	164	78	88	8,862
08784	13,269	5,630	2,930	227	33	52	22,141
09383	8,387	2,102	2,335	133	15	34	13,006
09404	7,735	3,257	3,513	201	63	260	15,029
09679	10,896	2,749	4,631	228	56	101	18,661
09688	10,205	3,695	5,590	295	184	160	20,129
09701	13,447	3,755	5,585	419	164	136	23,506
09705	4,664	2,037	2,022	49	17	34	8,823
09714	12,407	3,228	5,106	360	147	184	21,432
09724	12,561	4,059	5,761	339	193	196	23,109
09747	10,818	2,354	2,862	160	16	49	16,259
09748	8,354	1,958	2,252	132	17	37	12,750
09751	7,158	1,849	2,508	125	33	57	11,730
09757	11,569	3,327	5,320	321	132	178	20,847
09766	9,845	2,471	2,546	170	21	51	15,104
09767	7,513	2,334	2,712	124	22	36	12,741
09772	9,245	1,670	1,902	114	15	34	12,980
09773	9,152	1,899	2,252	144	27	46	13,520
09823	7,154	6,912	5,134	186	45	111	19,542
09826	4,848	3,818	1,775	146	29	40	10,656
08514A	21,159	2,914	3,044	226	23	59	27,425
08580A	11,755	3,166	4,829	270	169	258	20,447
08734A	5,895	2,108	2,235	112	24	41	10,415
08771A	5,235	2,223	2,810	205	49	186	10,708
08889A	2,767	2,050	2,092	87	46	70	7,112
08891A	6,602	2,205	2,142	56	12	24	11,041
08894A	8,274	3,166	4,615	294	106	150	16,605
08895A	31,268	6,886	8,049	808	253	247	47,511
08914A	11,380	3,414	5,403	359	122	143	20,821
08925A	3,485	2,044	1,781	55	13	33	7,411
08928A	10,058	5,591	2,902	145	44	90	18,830
08951A	5,973	2,368	3,613	189	182	79	12,404

09032A	7,334	2,403	2,375	91	26	84	12,313
09154A	6,507	2,298	3,500	174	143	76	12,698
09155A	6,562	2,584	3,929	198	116	110	13,499
09161A	7,273	2,716	3,978	242	105	95	14,409
09265A	23,624	6,037	7,799	556	289	228	38,533
09334A	2,111	2,414	2,101	72	44	48	6,790
10378A	5,228	2,180	3,339	195	85	83	11,110
10465A	6,541	6,244	4,022	138	44	59	17,048
10478A	7,946	1,446	1,831	99	17	30	11,369
10499A	38,497	7,815	6,795	615	219	193	54,134
10583A	18,717	4,839	5,778	294	74	101	29,803
10661A	35,139	13,851	6,187	552	106	104	55,939
10669A	18,854	4,065	5,544	234	58	77	28,832
10681A	11,406	1,820	3,602	136	111	184	17,259
10742A	9,963	6,251	3,015	212	39	52	19,532
11097A	15,037	4,977	7,444	467	99	105	28,129
11110A	13,812	5,180	7,766	467	113	93	27,431
11113A	11,065	7,778	8,368	480	111	160	27,962
11140A	19,100	4,860	6,960	141	54	52	31,167
11264A	9,707	3,734	4,419	320	89	101	18,370
11296A	8,631	2,845	3,637	301	78	88	15,580
11326A	7,194	2,454	3,781	123	38	57	13,647
11354B	9,443	5,238	2,542	206	35	46	17,510
11374B	3,503	1,977	1,806	49	15	38	7,388
11522A	8,380	2,807	3,084	108	56	93	14,528
11539A	20,044	4,584	5,855	212	66	70	30,831
11578B	7,670	2,718	4,106	125	19	34	14,672
11648B	9,682	5,954	2,857	273	54	23	18,843
12140A	8,611	3,501	4,982	448	85	115	17,742
12225A	15,183	3,922	3,285	478	71	79	23,018
12267A	4,608	1,791	1,602	53	18	60	8,132
12310A	17,617	6,589	4,624	398	90	87	29,405
12517B	7,653	3,159	4,696	421	71	129	16,129
12596A	9,619	4,211	3,016	108	43	82	17,079
12597A	17,176	4,398	5,856	210	44	63	27,747
12603A	15,172	2,116	3,222	87	76	121	20,794
12619A	19,586	4,335	5,778	496	168	219	30,582
12621A	8,469	1,455	2,807	114	73	132	13,050
12623A	10,590	5,177	3,033	137	55	89	19,081
12652A	25,099	5,987	9,090	722	216	192	41,306
12674A	18,262	3,510	7,043	142	35	77	29,069
12685A	16,085	2,254	2,409	178	56	47	21,029
12694A	10,287	9,184	3,235	309	212	142	23,369
12695A	8,358	1,513	2,833	101	72	125	13,002
12699A	11,524	4,909	9,381	544	106	113	26,577
12730A	17,526	4,717	5,339	200	64	55	27,901
12731A	10,948	2,071	3,008	117	60	110	16,314
12739A	11,135	5,290	9,261	464	110	91	26,351
12745A	19,465	11,125	7,724	261	63	90	38,728
12746A	11,735	2,407	3,277	208	93	136	17,856
12748A	9,003	4,172	2,895	114	59	81	16,324
12753A	9,255	3,250	2,914	80	48	114	15,661
12754A	15,448	11,793	6,592	291	103	132	34,359
12779A	16,325	4,170	6,117	431	155	168	27,366
12787A	11,505	5,723	5,085	173	59	169	22,714
12794A	8,959	2,632	3,000	167	81	101	14,940
12803A	20,264	6,455	16,072	1424	296	246	44,757
12807A	11,678	5,111	2,682	164	74	113	19,822
12823A	16,411	4,343	5,565	177	69	86	26,651
12876A	4,220	3,389	5,542	216	152	289	13,808
12909A	20,516	4,386	6,316	463	205	233	32,119
12919A	20,942	5,489	5,625	207	41	75	32,379
12926A	14,400	3,923	4,819	194	50	57	23,443

12960A	11,566	3,073	4,033	127	48	70	18,917
12974A	11,266	5,534	5,147	325	201	192	22,665
12985A	21,525	3,702	4,578	137	28	114	30,084
12998A	20,746	5,769	12,094	1282	273	221	40,385
12999A	7,617	2,274	2,425	157	105	115	12,693
13004A	21,186	6,444	14,000	869	157	193	42,849
13008A	8,246	1,549	3,081	130	68	138	13,212
13009A	10,636	2,850	3,886	95	21	56	17,544
13016A	16,568	5,702	4,463	364	75	94	27,266
13031A	6,505	2,925	2,560	75	29	84	12,178
13062A	7,797	1,373	2,491	150	82	111	12,004
13063A	6,330	2,870	2,628	87	40	70	12,025
13066A	16,388	4,299	4,427	117	39	110	25,380
13088A	14,069	5,226	7,710	398	107	119	27,629
13089A	7,902	1,992	3,036	117	87	76	13,210
13097A	8,885	2,262	1,951	89	31	37	13,255
13116A	8,119	2,499	3,013	147	109	120	14,007
13134A	15,145	3,961	4,618	146	41	76	23,987
13137A	10,130	5,323	4,308	376	186	144	20,467
13139A	6,282	1,401	2,974	97	52	108	10,914
13140A	13,030	2,652	4,301	367	120	122	20,592
13143A	10,964	2,460	3,097	101	60	120	16,802
13163A	15,536	5,900	14,869	1294	232	197	38,028
13165A	7,577	1,727	3,076	90	55	84	12,609
13182A	11,849	3,608	7,337	229	86	73	23,182
13196A	13,048	4,770	13,383	1348	264	210	33,023
13202A	23,397	2,707	3,572	141	29	49	29,895
13214A	15,771	5,220	12,613	1051	192	215	35,062
13216A	9,776	1,841	2,718	104	22	38	14,499
13271A	20,085	4,737	6,960	672	298	292	33,044
BN01259	13,449	3,966	4,757	501	150	201	23,024
BN01422	17,944	7,496	4,289	304	74	37	30,144
BN01692	21,755	7,068	4,680	323	47	29	33,902
BN01829	4,870	2,641	2,114	69	19	45	9,758
BN01830	14,476	7,020	3,958	296	38	28	25,816
BN01845	4,258	2,210	1,867	59	21	41	8,456
BN01846	13,045	6,979	3,738	338	66	23	24,189
BN01858	5,237	2,675	2,216	68	25	53	10,274
BN01859	4,358	2,131	1,989	63	22	45	8,608
BN01922	18,694	7,381	3,470	345	68	27	29,985
CC00440A	3,269	1,639	2,047	60	28	55	7,098
CC00446A	4,239	1,036	2,227	117	46	87	7,752
CC00479A	10,976	5,788	6,728	500	132	149	24,273
CC00494A	3,517	594	1,554	55	28	41	5,789
CC00505A	3,377	1,589	1,934	64	26	63	7,053
CD00559	8,846	3,722	5,627	342	186	148	18,871
CQ00662	14,318	6,811	6,441	359	78	54	28,061
CQ00773	10,289	3,136	4,956	331	187	144	19,043
CQ00776	14,278	3,002	5,000	295	130	161	22,866
CQ00784	5,041	1,081	2,738	97	58	116	9,131
CQ00787	7,383	7,284	5,327	156	38	67	20,255
CQ00790	8,206	2,521	2,954	127	25	44	13,877
CQ00791	9,349	5,006	8,357	457	141	104	23,414
CQ00838	8,401	4,576	12,397	796	148	145	26,463
CQ00918	10,041	3,092	4,913	324	119	134	18,623
CQ00921	6,356	1,019	3,078	63	16	5	10,537
CQ00940	14,367	6,838	3,860	244	48	40	25,397
CQ00952	14,539	2,588	2,472	182	24	49	19,854
CQ00966	7,642	3,121	5,312	228	47	42	16,392
CQ01025	9,852	3,660	5,250	274	234	127	19,397
CQ01036	9,799	3,648	5,233	292	192	151	19,315
CQ01174	10,037	4,069	5,381	456	94	108	20,145
CS00127	6,525	2,574	3,711	208	116	83	13,217

CS00128	6,117	2,289	3,531	222	88	81	12,328
CS00131	6,538	2,644	3,750	202	145	111	13,390
CS00230	12,533	5,898	2,645	237	39	44	21,396
CS00280	5,456	2,102	3,457	186	103	73	11,377
EM00020	14,919	8,108	3,513	304	57	74	26,975
EM00036	8,824	4,147	11,227	729	133	105	25,165
EM00060	14,799	7,199	3,319	231	44	50	25,642
EM00104	17,846	6,505	3,657	359	234	74	28,675
EM00105	11,578	4,740	3,269	112	45	64	19,808
EM00109	14,326	3,136	3,820	208	32	65	21,587
EM00127	10,541	5,356	3,352	160	56	84	19,549
EM00142	3,773	1,982	2,130	83	20	73	8,061
EM00156	8,163	2,849	4,209	397	128	218	15,964
EM00195	12,274	3,672	6,717	267	71	63	23,064
EM00204	2,548	1,727	1,896	57	21	38	6,287
EM00218	6,662	2,502	4,254	119	47	116	13,700
EM00244	4,811	1,306	2,878	159	53	90	9,297
EM00268	10,821	3,515	3,526	317	90	112	18,381
HH00984A	16,838	2,034	3,867	444	68	63	23,314
HH00994A	12,752	3,466	2,709	107	41	95	19,170
HH01018A	13,670	5,548	4,789	559	324	140	25,030
HRB0047B	11,785	3,674	2,987	112	30	46	18,634
HRB0063B	16,798	3,489	2,723	195	73	82	23,360
HRB0111B	33,213	4,700	6,475	573	214	276	45,451
HRB0204B	6,002	2,203	2,356	95	28	43	10,727
HRB0324B	23,261	4,462	5,773	474	176	174	34,320
SY00867A	25,077	13,343	7,109	231	37	34	45,831
SY00890A	23,607	4,912	6,235	235	60	82	35,131
SY00927A	36,282	13,360	5,208	560	92	83	55,585
TLF00928	5,012	2,516	2,312	84	41	84	10,049
TLF01005	9,592	3,383	2,517	88	65	85	15,730
TLF01018	25,548	5,341	6,680	670	253	258	38,750
XA00077	14,930	7,579	6,564	403	79	126	29,681
XA00103	8,323	3,820	5,296	323	177	138	18,077
XA00201	31,757	4,670	3,807	371	47	90	40,742
XA00224	31,598	11,375	8,653	564	114	103	52,407
XA00244	12,863	2,359	3,131	95	65	120	18,633
XA00278	21,142	7,858	7,469	431	79	77	37,056
XA00290	7,520	4,003	3,226	128	38	57	14,972
XA00577	7,311	5,527	2,684	120	29	78	15,749
XY00762	7,257	4,669	2,821	184	110	50	15,091
YZ0002	4,280	1,145	3,152	61	36	73	8,747
YZ0005	3,324	1,399	2,302	57	19	22	7,123
YZ0007	4,348	1,690	2,252	118	33	46	8,487
YZ0008	12,421	5,337	4,102	89	42	76	22,067
YZ0009	4,504	2,421	2,872	42	25	77	9,941
YZ0010	5,561	4,401	3,248	115	24	93	13,442
YZ0011	24,351	9,044	4,994	303	85	133	38,910
YZ0012	8,628	5,145	8,308	421	75	60	22,637
YZ0013	5,644	4,236	6,458	333	189	261	17,121
YZ0014	8,302	4,891	7,975	361	175	74	21,778
YZ0016	84,545	9,197	12,523	1001	323	159	107,748
YZ0017	5,674	3,338	2,598	99	45	112	11,866
YZ0018	4,630	2,929	2,438	68	43	106	10,214
YZ0019	3,786	4,610	7,721	313	47	50	16,527
YZ0020	8,921	6,788	3,309	132	36	88	19,274
YZ0021	11,590	5,813	4,998	352	70	44	22,867
YZ0022	2,270	1,834	1,699	51	6	20	5,880
YZ0023	15,819	8,277	5,069	163	43	59	29,430
YZ0025	20,253	13,253	7,463	411	68	29	41,477
YZ0026	11,326	4,445	5,162	242	39	81	21,295
YZ0027	13,004	4,738	4,866	205	38	55	22,906
YZ0030	6,420	6,213	10,557	529	104	98	23,921

YZ0035	29,183	11,221	20,112	1144	208	241	62,109
YZ0038	15,490	11,830	15,411	1187	255	259	44,432
YZ0039	21,802	8,909	10,366	832	178	105	42,192
YZ0041	10,261	2,757	3,539	158	102	82	16,899
YZ0042	5,972	2,673	4,565	227	108	77	13,622
YZ0043	6,236	1,316	2,346	95	40	35	10,068
YZ0044	1,748	908	1,796	59	39	32	4,582
YZ0045	8,366	2,411	2,938	159	71	50	13,995
YZ0046	17,173	12,840	7,796	329	60	73	38,271
YZ0047	9,243	3,174	3,844	261	80	43	16,645
YZ0048	16,281	3,739	5,045	283	77	39	25,464
YZ0049	10,110	3,569	4,114	241	68	51	18,153
YZ0050	14,669	3,762	4,601	250	63	54	23,399
YZ0051	9,876	3,389	4,064	163	62	100	17,654
YZ0052	7,519	3,230	3,699	149	52	56	14,705
YZ0054	12,278	3,265	3,353	215	38	26	19,175
YZ0055	7,201	2,397	2,362	147	25	12	12,144
YZ0056	4,873	2,166	2,710	84	19	21	9,873
YZ0057	7,142	3,553	2,615	95	37	48	13,490
YZ0058	4,924	9,746	5,160	102	13	30	19,975
YZ0059	3,323	1,392	2,284	57	20	21	7,097
YZ0060	10,346	5,510	7,194	596	138	76	23,860
YZ0061	8,284	5,107	4,872	374	124	70	18,831
YZ0062	8,301	4,042	5,020	357	102	48	17,870
YZ0063	18,641	7,460	7,334	419	84	104	34,042
YZ0064	3,766	1,731	2,292	72	17	33	7,911
YZ0065	3,622	4,136	6,403	303	67	91	14,622
YZ0066	3,542	4,748	7,711	294	73	100	16,468
YZ0067	3,978	4,373	5,850	203	74	69	14,547
YZ0068	4,559	5,501	7,555	361	103	102	18,181
YZ0069	4,020	5,150	7,809	299	69	110	17,457
YZ0070	7,392	2,846	3,675	142	31	72	14,158
YZ0071	6,508	2,304	2,666	84	10	27	11,599
YZ0073	2,766	1,551	5,816	173	38	51	10,395
YZ0074	5,996	3,101	2,952	93	31	53	12,226
YZ0075	7,469	3,429	5,819	268	49	47	17,081
YZ0076	8,336	4,907	7,723	360	59	21	21,406
YZ0079	14,110	6,863	3,459	298	251	46	25,027
YZ0080	7,029	2,592	4,715	294	81	51	14,762
YZ0081	8,032	3,437	5,525	321	86	56	17,457
YZ0082	7,677	3,683	6,244	477	127	127	18,335
YZ0083	3,289	2,299	3,779	201	43	49	9,660
YZ0084	7,985	3,404	5,684	318	66	71	17,528
YZ0085	5,178	2,090	3,660	190	62	42	11,222
YZ0086	8,710	4,322	7,287	479	151	111	21,060
YZ0087	7,460	3,499	5,432	366	95	60	16,912
YZ0088	9,180	3,714	5,985	320	61	72	19,332
YZ0089	8,383	4,351	5,990	293	58	49	19,124
YZ0090	6,427	2,897	5,150	329	97	86	14,986
YZ0091	9,231	4,349	7,154	460	130	117	21,441
YZ0092	6,407	3,408	6,332	266	85	83	16,581
YZ0093	7,682	3,395	5,169	301	96	68	16,711
YZ0094	4,272	1,678	2,354	61	24	40	8,429
YZ0097	10,218	6,191	7,791	278	46	60	24,584
YZ0098	21,708	6,120	9,289	523	122	59	37,821
YZ0099	1,960	1,629	2,634	64	23	44	6,354
YZ0102	3,194	2,080	2,787	135	55	49	8,300
YZ0104	6,431	1,935	3,025	142	42	102	11,677
YZ0105	2,677	1,256	1,860	68	36	39	5,936
YZ0106	2,920	779	1,575	69	25	50	5,418
YZ0107	3,117	1,396	1,685	63	31	35	6,327
YZ0108	7,444	2,789	3,043	173	82	90	13,621
YZ0109	6,913	2,485	3,804	211	78	112	13,603

YZ0110	13,304	2,372	5,438	150	36	13	21,313
YZ0112	18,048	6,355	8,668	777	123	120	34,091
YZ0113	1,636	5,393	4,321	71	15	41	11,477
YZ0116	2,935	2,816	5,524	178	127	142	11,722
YZ0117	13,730	6,421	9,146	501	91	91	29,980
YZ0118	11,180	6,195	8,450	449	95	81	26,450
YZ0119	9,708	3,005	3,202	152	40	53	16,160
Average	10947.41	4014.79	4593.07	268.00	81.08	89.72	19994.08
Total	3,492,223	1,280,719	1,465,190	85,491	25,865	28,622	6,378,110
