

Table S15. MADS-box genes of *A. montana* genome.

Gene ID	Type	Subfamily	Length (bp)	Gene ID	Type	Subfamily	Length (bp)
Amo001372	Type-II	RIN	738	Amo020693	Type-II	B-PI	519
Amo010931	Type-II	RIN	1050	Amo009182	Type-II	B-AP3	759
Amo024502	Type-II	RIN	771	Amo016454	Type-II	B-AP4	639
Amo010932	Type-II	RIN	732	Amo001975	Type-II	B-AP5	714
Amo010641	Type-II	AGL6	690	Amo010643	Type-II	SOC1	420
Amo008772	Type-II	AGL6	732	Amo021042	Type-II	MIKC*	762
Amo024501	Type-II	A	219	Amo000257	Type-II	MIKC*	1098
Amo024500	Type-II	A	546	Amo006084	Type-II	MIKC*	198
Amo012915	Type-II	A	795	Amo021497	Type-II	MIKC*	1050
Amo000629	Type-II	A	477	Amo018348	Type-II	MIKC*	243
Amo010642	Type-II	A	252	Amo006130	Type-I	M β	873
Amo018528	Type-II	SVP	681	Amo014995	Type-I	M β	1155
Amo010933	Type-II	C/D	573	Amo004965	Type-I	M β	1020
Amo005810	Type-II	AGL1	669	Amo004967	Type-I	M β	909
Amo014903	Type-II	AGL1	675	Amo022822	Type-I	M γ	726
Amo014526	Type-II	AGL11	669	Amo021379	Type-I	M γ	717
Amo012914	Type-II	ANRI	312	Amo024053	Type-I	M α	618
Amo000631	Type-II	ANRI	333	Amo011957	Type-I	M α	633
Amo014068	Type-II	AGL12	1005	Amo018673	Type-I	M α	252
Amo014517	Type-II	AGL12	288	Amo009874	Type-I	M α	705
Amo011824	Type-II	AGL12	597	Amo003086	Type-I	M α	495
Amo014395	Type-II	B-PI	630	Amo009693	Type-I	M α	720
Amo022935	Type-II	B-PI	684	Amo009866	Type-I	M α	699