

Supplementary Table S4. Regulatory elements in the 5' -upstream regions of GS genes promoter identified by Tbttools

ID	type	sequence	location	length	sense strand/antisense strand	species	regulatory element
Csa7G420690	TGA-element	AACGAC	220	6	-	Brassica oleracea	auxin responsiveness
Csa3G150160	TC-rich repeats	ATTCTCTAAC	719	9	+	Nicotiana tabacum	defense and stress responsiveness
Csa3G304140	TC-rich repeats	ATTCTCTAAC	1206	9	-	Nicotiana tabacum	defense and stress responsiveness
Csa5G410730	TC-rich repeats	GTTTCTTAC	129	9	-	Nicotiana tabacum	defense and stress responsiveness
Csa7G420690	TC-rich repeats	GTTTCTTAC	575	9	+	Nicotiana tabacum	defense and stress responsiveness
Csa7G420690	TC-rich repeats	ATTCTCTAAC	1957	9	+	Nicotiana tabacum	defense and stress responsiveness
Csa5G410730	TCA-element	CCATCTTTT	648	9	-	Nicotiana tabacum	salicylic acid responsiveness
Csa5G410730	TCA-element	CCATCTTTT	784	9	-	Nicotiana tabacum	salicylic acid responsiveness
Csa5G410730	TCA-element	CCATCTTTT	1107	9	+	Nicotiana tabacum	salicylic acid responsiveness
Csa7G420690	TCA-element	TCAGAAGAGG	400	9	+	Brassica oleracea	salicylic acid responsiveness
Csa3G150160	ABRE	AACCCGG	1232	7	-	Arabidopsis thaliana	abscisic acid responsiveness
Csa3G304140	ABRE	ACGTG	995	5	+	Arabidopsis thaliana	abscisic acid responsiveness
Csa7G420690	ABRE	CGTACGTGCA	1275	9	-	Hordeum vulgare	abscisic acid responsiveness
Csa3G150160	ARE	AAACCA	931	6	+	Zea mays	anaerobic induction
Csa3G150160	ARE	AAACCA	1423	6	-	Zea mays	anaerobic induction
Csa3G304140	ARE	AAACCA	449	6	+	Zea mays	anaerobic induction
Csa3G304140	ARE	AAACCA	1265	6	-	Zea mays	anaerobic induction
Csa5G410730	ARE	AAACCA	896	6	+	Zea mays	anaerobic induction
Csa5G410730	ARE	AAACCA	1710	6	+	Zea mays	anaerobic induction
Csa7G420690	ARE	AAACCA	70	6	+	Zea mays	anaerobic induction
Csa7G420690	ARE	AAACCA	727	6	+	Zea mays	anaerobic induction
Csa7G420690	ARE	AAACCA	1104	6	-	Zea mays	anaerobic induction
Csa7G420690	ARE	AAACCA	1228	6	+	Zea mays	anaerobic induction
Csa5G410730	circadian	CAAAGATATC	916	9	+	Lycopersicon esculentum	circadian control
Csa7G420690	circadian	CAAAGATATC	630	9	-	Lycopersicon esculentum	circadian control
Csa3G304140	G-Box	CACGTT	994	6	-	Pisum sativum	light responsiveness
Csa5G410730	G-box	TAACACGTAG	1785	9	+	Brassica oleracea	light responsiveness
Csa7G420690	G-box	TACGTG	624	6	+	Arabidopsis thaliana	light responsiveness
Csa3G150160	CAT-box	GCCACT	1248	6	+	Arabidopsis thaliana	meristem expression
Csa7G420690	CAT-box	GCCACT	1380	6	-	Arabidopsis thaliana	meristem expression
Csa7G420690	P-box	CCTTTTG	62	7	+	Oryza sativa	gibberellin responsiveness
Csa3G150160	GT1-motif	GGTTAA	51	6	+	Arabidopsis thaliana	light responsiveness
Csa3G304140	GT1-motif	GGTTAA	1205	6	+	Arabidopsis thaliana	light responsiveness
Csa3G304140	Sp1	GGGCGG	1544	6	+	Oryza sativa	light responsiveness
Csa5G410730	GT1-motif	GGTTAAT	1101	7	-	Avena sativa	light responsiveness
Csa7G420690	GT1-motif	GGTTAA	58	6	-	Arabidopsis thaliana	light responsiveness
Csa3G150160	MBSI	TTTTTACGGTTA	44	11	+	Petunia hybrida	MYB binding site
Csa3G304140	MRE	AACCTAA	1202	7	-	Petroselinum crispum	MYB binding site
Csa3G150160	Box 4	ATTAAT	189	6	+	Petroselinum crispum	light responsiveness
Csa3G150160	Box 4	ATTAAT	1745	6	-	Petroselinum crispum	light responsiveness
Csa3G150160	Box 4	ATTAAT	1749	6	-	Petroselinum crispum	light responsiveness
Csa3G304140	Box 4	ATTAAT	92	6	+	Petroselinum crispum	light responsiveness

Csa3G304140	Box 4	ATTAAT	112	6	+	Petroselinum crispum	light responsiveness
Csa3G304140	Box 4	ATTAAT	134	6	+	Petroselinum crispum	light responsiveness
Csa3G304140	Box 4	ATTAAT	706	6	+	Petroselinum crispum	light responsiveness
Csa3G304140	Box 4	ATTAAT	1635	6	-	Petroselinum crispum	light responsiveness
Csa7G420690	ATCT-motif	AATCTAATCC	1557	9	+	Pisum sativum	light responsiveness
Csa7G420690	Box 4	ATTAAT	10	6	+	Petroselinum crispum	light responsiveness
Csa7G420690	Box 4	ATTAAT	499	6	+	Petroselinum crispum	light responsiveness
Csa7G420690	Box 4	ATTAAT	564	6	+	Petroselinum crispum	light responsiveness
Csa3G150160	GATA-motif	GATAGGG	1056	7	-	Pisum sativum	light responsiveness
Csa3G304140	Gap-box	CAAAATGAA(A/G)A	163	9.5	-	Arabidopsis thaliana	light responsiveness
Csa3G304140	TCT-motif	TCTTAC	531	6	+	Arabidopsis thaliana	light responsiveness
Csa3G304140	Box II	TGGTAATAA	363	9	+	Solanum tuberosum	light responsiveness
Csa5G410730	I-box	cettatcct	623	9	-	Arabidopsis thaliana	light responsiveness
Csa5G410730	I-box	gGATAAGGTG	1430	9	-	Zea mays	light responsiveness
Csa5G410730	GATA-motif	AAGGATAAGG	622	10	+	Solanum tuberosum	light responsiveness
Csa5G410730	GATA-motif	AAGGATAAGG	1432	9	-	Solanum tuberosum	light responsiveness
Csa5G410730	chs-CMA1a	TTACTTAA	822	8	-	Daucus carota	light responsiveness
Csa7G420690	GA-motif	ATAGATAA	1068	8	-	Arabidopsis thaliana	light responsiveness
Csa3G150160	AE-box	AGAAACAA	1128	8	-	Arabidopsis thaliana	light responsiveness
Csa7G420690	TGA-box	TGACGTAA	1076	8	-	Glycine max	auxin responsiveness
Csa5G410730	ABRE	ACGTG	513	5	-	Arabidopsis thaliana	abscisic acid responsiveness
Csa5G410730	ABRE	ACGTG	1788	5	-	Arabidopsis thaliana	abscisic acid responsiveness
Csa7G420690	ABRE	ACGTG	625	5	+	Arabidopsis thaliana	abscisic acid responsiveness
Csa7G420690	ABRE	ACGTG	1036	5	-	Arabidopsis thaliana	abscisic acid responsiveness
Csa7G420690	ABRE	ACGTG	1277	5	-	Arabidopsis thaliana	abscisic acid responsiveness
Csa5G410730	G-box	CACGTC	513	6	+	Zea mays	light responsiveness
Csa5G410730	G-box	TACGTG	1788	6	-	Arabidopsis thaliana	light responsiveness
Csa7G420690	G-box	TACGTG	1036	6	-	Arabidopsis thaliana	light responsiveness
Csa7G420690	G-box	TACGTG	1277	6	-	Arabidopsis thaliana	light responsiveness
Csa7G420690	TGACG-motif	TGACG	1079	5	-	Hordeum vulgare	MeJA responsiveness
Csa7G420690	TGACG-motif	TGACG	1469	5	+	Hordeum vulgare	MeJA responsiveness
Csa7G420690	CGTCA-motif	CGTCA	1079	5	+	Hordeum vulgare	MeJA responsiveness
Csa7G420690	CGTCA-motif	CGTCA	1469	5	-	Hordeum vulgare	MeJA responsiveness
Csa3G150160	P-box	CCTTTTG	1102	7	+	Oryza sativa	gibberellin responsiveness
Csa5G410730	GTI-motif	GGTTAA	1102	6	-	Arabidopsis thaliana	light responsiveness
Csa5G410730	I-box	GATAAGGGT	625	9	+	Arabidopsis thaliana	light responsiveness
CmoCh01G003900	ABRE	ACGTG	1327	5	+	Arabidopsis thaliana	abscisic acid responsiveness
CmoCh01G003900	TATA-box	ATATAA	1190	6	+	Arabidopsis thaliana	light responsiveness
CmoCh01G003900	G-box	ACACGTGT	1325	8	-	Brassica napus	light responsiveness
CmoCh01G003900	CAT-box	GCCACT	70	6	-	Arabidopsis thaliana	meristem expression
CmoCh01G003900	CAT-box	GCCACT	1400	6	-	Arabidopsis thaliana	meristem expression
CmoCh01G003900	Box 4	ATTAAT	54	6	+	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	96	6	+	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	340	6	+	Petroselinum crispum	light responsiveness

CmoCh01G003900	Box 4	ATTAAT	409	6	+	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1205	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1278	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1282	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1384	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1426	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	Box 4	ATTAAT	1739	6	-	Petroselinum crispum	light responsiveness
CmoCh06G014450	ABRE	ACGTG	586	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh06G014450	ABRE	ACGTG	1408	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh06G014450	ARE	AAACCA	767	6	+	Zea mays	anaerobic induction
CmoCh06G014450	ARE	AAACCA	870	6	+	Brassica napus	anaerobic induction
CmoCh06G014450	ARE	AAACCA	1834	6	+	Pisum sativum	anaerobic induction
CmoCh06G014450	TGA-element	AACGAC	882	6	+	Brassica oleracea	auxin responsiveness
CmoCh06G014450	TGA-element	AACGAC	1787	6	-	Brassica oleracea	auxin responsiveness
CmoCh06G014450	circadian	CAAAGATATC	1655	9	+	Lycopersicon esculentum	circadian control
CmoCh06G014450	TC-rich repeats	ATTCTCTAAC	1496	9	-	Nicotiana tabacum	defenseand stress responsiveness
CmoCh06G014450	TATC-box	TATCCCA	474	7	+	Oryza sativa	gibberellin responsiveness
CmoCh06G014450	Sp1	GGGCGG	78	6	-	Oryza sativa	light responsiveness
CmoCh06G014450	G-box	TACGTG	585	6	+	Zea mays	light responsiveness
CmoCh06G014450	ACE	CTAACGTATT	1491	9	-	Petroselinum crispum	light responsiveness
CmoCh06G014450	TATA-box	ATATAT	484	6	+	Arabidopsis thaliana	MYB binding site
CmoCh06G014450	MBS	CAACTG	1159	6	-	Arabidopsis thaliana	MYB binding site
CmoCh06G014450	CAAT-box	CAAAT	1199	5	+	Arabidopsis thaliana	MYB binding site
CmoCh06G014450	TATA-box	TATA	1704	4	-	Arabidopsis thaliana	MYB binding site
CmoCh06G014450	CCAAT-box	CAACGG	1532	6	+	Hordeum vulgare	MYB binding site
CmoCh06G014450	GATA-motif	GATAGGG	1947	7	-	Pisum sativum	light responsiveness
CmoCh06G014450	TCT-motif	TCTTAC	1105	6	+	Arabidopsis thaliana	light responsiveness
CmoCh06G014450	TCCC-motif	TCTCCCT	204	7	+	Spinacia oleracea	light responsiveness
CmoCh06G014450	TCCC-motif	TCTCCCT	250	7	+	Spinacia oleracea	light responsiveness
CmoCh06G014450	TCCC-motif	TCTCCCT	296	7	+	Spinacia oleracea	light responsiveness
CmoCh06G014450	TCCC-motif	TCTCCCT	342	7	+	Spinacia oleracea	light responsiveness
CmoCh06G014450	AE-box	AGAAACTT	1558	8	+	Arabidopsis thaliana	light responsiveness
CmoCh06G014450	AE-box	AGAAACAA	1719	8	+	Arabidopsis thaliana	light responsiveness
CmoCh08G004920	ABRE	TACGGTC	1603	7	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh08G004920	ARE	AAACCA	400	6	-	Zea mays	anaerobic induction
CmoCh08G004920	ARE	AAACCA	696	6	+	Zea mays	anaerobic induction
CmoCh08G004920	ARE	AAACCA	1836	6	+	Zea mays	anaerobic induction
CmoCh08G004920	TGA-element	AACGAC	1209	6	+	Brassica oleracea	auxin responsiveness
CmoCh08G004920	TGA-element	AACGAC	1581	6	+	Brassica oleracea	auxin responsiveness
CmoCh08G004920	TGA-element	AACGAC	1764	6	+	Brassica oleracea	auxin responsiveness
CmoCh08G004920	P-box	CCTTTTG	195	7	-	Oryza sativa	gibberellin responsiveness
CmoCh08G004920	P-box	CCTTTTG	351	7	-	Oryza sativa	gibberellin responsiveness
CmoCh08G004920	GT1-motif	GGTTAA	1332	6	+	Arabidopsis thaliana	light responsiveness
CmoCh08G004920	CAT-box	GCCACT	1628	6	-	Arabidopsis thaliana	meristem expression

CmoCh08G004920	TATA-box	TATAA	703	5	-	Arabidopsis thaliana	MYB binding site
CmoCh08G004920	CCAAT-box	CAACGG	1422	6	+	Arabidopsis thaliana	MYB binding site
CmoCh08G004920	Box 4	ATTAAT	1293	6	-	Petroselinum crispum	light responsiveness
CmoCh08G004920	GATA-motif	AAGATAAGATT	1133	10	+	Arabidopsis thaliana	light responsiveness
CmoCh08G004920	I-box	cCATATCCAAT	105	10	+	Flaveria trinervia	light responsiveness
CmoCh08G004920	LAMP-element	CTTTATCA	1378	8	+	Pisum sativum	light responsiveness
CmoCh08G004920	TATA-box	TATA	1392	4	-	Arabidopsis thaliana	light responsiveness
CmoCh08G004920	TCA-element	CCATCTTTT	1374	9	+	Nicotiana glutinosa	salicylicacid responsiveness
CmoCh08G004920	TCA-element	TCAGAAGAGG	1507	9	-	Brassica oleracea	salicylicacid responsiveness
CmoCh14G008450	ABRE	ACGTG	482	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh14G008450	ABRE	GCAACGTGTC	801	9	-	Hordeum vulgare	abscisicacid responsiveness
CmoCh14G008450	ABRE	ACGTG	804	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh14G008450	ARE	AAACCA	1173	6	+	Zea mays	anaerobic induction
CmoCh14G008450	TGA-element	AACGAC	390	6	-	Brassica oleracea	auxin responsiveness
CmoCh14G008450	TC-rich repeats	GTTTTCTTAC	135	9	+	Nicotiana tabacum	defenseand stress responsiveness
CmoCh14G008450	CAAT-box	CAAAAT	1679	5	-	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	Sp1	GGGCGG	339	6	-	Oryza sativa	light responsiveness
CmoCh14G008450	G-box	CACGTC	481	6	-	Zea mays	light responsiveness
CmoCh14G008450	G-box	TAACACGTAG	769	9	+	Brassica oleracea	light responsiveness
CmoCh14G008450	G-box	tgACACGTGGCA	800	12	+	Lycopersicon esculentum	light responsiveness
CmoCh14G008450	G-box	ACACGTGGC	802	9	+	Brassica napus	light responsiveness
CmoCh14G008450	LTR	CCGAAA	1983	6	-	Hordeum vulgare	low-temperature responsiveness
CmoCh14G008450	MRE	AACCTAA	1449	7	-	Petroselinum crispum	MYB binding site
CmoCh14G008450	CAAT-box	CAAAAT	403	5	+	Hordeum vulgare	MYB binding site
CmoCh14G008450	Box 4	ATTAAT	544	6	+	Petroselinum crispum	light responsiveness
CmoCh14G008450	Box 4	ATTAAT	610	6	+	Petroselinum crispum	light responsiveness
CmoCh14G008450	Box 4	ATTAAT	1235	6	-	Petroselinum crispum	light responsiveness
CmoCh14G008450	TCT-motif	TCTTAC	139	6	+	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	TCCC-motif	TCTCCCT	49	7	-	Spinacia oleracea	light responsiveness
CmoCh14G008450	CAAT-box	CAAAAT	237	5	+	Pisum sativum	light responsiveness
CmoCh14G008450	TCCC-motif	TCTCCCT	411	7	-	Spinacia oleracea	light responsiveness
CmoCh14G017140	ABRE	TACGGTC	373	7	-	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh14G017140	ARE	AAACCA	24	6	+	Zea mays	anaerobic induction
CmoCh14G017140	ARE	AAACCA	519	6	+	Zea mays	anaerobic induction
CmoCh14G017140	ARE	AAACCA	1684	6	-	Zea mays	anaerobic induction
CmoCh14G017140	circadian	CAAAGATATC	241	9	+	Lycopersicon esculentum	circadian control
CmoCh14G017140	P-box	CCTTTTG	768	7	-	Oryza sativa	gibberellin responsiveness
CmoCh14G017140	GT1-motif	GGTTAA	1074	6	+	Arabidopsis thaliana	light responsiveness
CmoCh14G017140	MRE	AACCTAA	1943	7	-	Petroselinum crispum	MYB binding site
CmoCh14G017140	ATCT-motif	AATCTAATCC	1296	9	-	Pisum sativum	light responsiveness
CmoCh14G017140	I-box	GTATAAGGCC	489	9	+	Petroselinum hortense	light responsiveness
CmoCh14G017140	CAAT-box	CAAAAT	1796	5	+	Pisum sativum	light responsiveness
CmoCh15G007570	ABRE	ACGTG	217	5	+	Nicotiana glutinos	abscisicacid responsiveness
CmoCh15G007570	ABRE	ACGTG	371	5	+	Pisum sativum	abscisicacid responsiveness

CmoCh15G007570	ABRE	TACGGTC	1923	7	-	Nicotiana glutinosa	abscisicacid responsiveness
CmoCh15G007570	ARE	AAACCA	1363	6	-	Arabidopsis thaliana	anaerobic induction
CmoCh15G007570	TGA-element	AACGAC	662	6	+	Pisum sativum	auxin responsiveness
CmoCh15G007570	GCN4_motif	TGAGTCA	1352	7	+	Nicotiana glutinosa	endosperm expression
CmoCh15G007570	P-box	CCTTTTG	1421	7	+	Oryza sativa	gibberellin responsiveness
CmoCh15G007570	G-box	CACGAC	1560	6	+	Zea mays	light responsiveness
CmoCh15G007570	G-box	CACGAC	1571	6	-	Petroselinum hortense	light responsiveness
CmoCh15G007570	CAT-box	GCCACT	1717	6	-	Arabidopsis thaliana	meristem expression
CmoCh15G007570	Box 4	ATTAAT	133	6	+	Petroselinum crispum	light responsiveness
CmoCh15G007570	Box 4	ATTAAT	354	6	+	Petroselinum crispum	light responsiveness
CmoCh15G007570	Box 4	ATTAAT	547	6	+	Petroselinum crispum	light responsiveness
CmoCh15G007570	Box 4	ATTAAT	846	6	+	Petroselinum crispum	light responsiveness
CmoCh15G007570	TATA-box	ATATAT	1027	6	-	Brassica napus	light responsiveness
CmoCh15G007570	Box 4	ATTAAT	1673	6	-	Petroselinum crispum	light responsiveness
CmoCh15G007570	GATA-motif	AAGGATAAGG	879	9	-	Solanum tuberosum	light responsiveness
CmoCh15G007570	GA-motif	ATAGATAA	471	8	-	Arabidopsis thaliana	light responsiveness
CmoCh15G007570	GA-motif	ATAGATAA	1692	8	-	Arabidopsis thaliana	light responsiveness
CmoCh15G007570	AE-box	AGAAACTT	498	8	-	Arabidopsis thaliana	light responsiveness
CmoCh17G009640	ABRE	ACGTG	257	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh17G009640	ABRE	ACGTG	429	5	+	Nicotiana glutinosa	abscisicacid responsiveness
CmoCh17G009640	ABRE	ACGTG	505	5	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh17G009640	ARE	AAACCA	381	6	-	Zea mays	anaerobic induction
CmoCh17G009640	ARE	AAACCA	657	6	+	Zea mays	anaerobic induction
CmoCh17G009640	GT1-motif	GGTTAA	1166	6	+	Arabidopsis thaliana	light responsiveness
CmoCh17G009640	GT1-motif	GGTTAA	1240	6	+	Arabidopsis thaliana	light responsiveness
CmoCh17G009640	G-Box	CACGTT	256	6	-	Pisum sativum	light responsiveness
CmoCh17G009640	G-Box	CACGTT	504	6	-	Pisum sativum	light responsiveness
CmoCh17G009640	G-box	TACGTG	428	6	+	Zea mays	light responsiveness
CmoCh17G009640	Box 4	ATTAAT	376	6	+	Petroselinum crispum	light responsiveness
CmoCh17G009640	Box 4	ATTAAT	559	6	+	Petroselinum crispum	light responsiveness
CmoCh17G009640	chs-CMA1a	TTACTTAA	1168	8	-	Daucus carota	light responsiveness
CmoCh17G009640	CAAT-box	CAAAAT	1242	5	+	Arabidopsis thaliana	light responsiveness
CmoCh17G009640	GATA-motif	AAGATAAGATT	286	10	+	Zea mays	light responsiveness
CmoCh17G009640	CAAT-box	CCAAT	602	5	+	Nicotiana glutinosa	light responsiveness
CmoCh17G009640	TCCC-motif	TCTCCCT	1380	7	+	Spinacia oleracea	light responsiveness
CmoCh17G009640	TCT-motif	TCTTAC	786	6	+	Arabidopsis thaliana	light responsiveness
CmoCh06G014450	LTR	CCGAAA	5	6	-	Hordeum vulgare	low-temperature responsiveness
CmoCh14G017140	MBS	CAACTG	5	6	+	Hordeum vulgare	MYB binding site
CmoCh14G008450	TGACG-motif	TGACG	16	5	-	Hordeum vulgare	MeJA responsiveness
CmoCh14G008450	CGTCA-motif	CGTCA	16	5	+	Hordeum vulgare	MeJA responsiveness
CmoCh17G009640	ABRE	ACGTG	124	5	-	Brassica napus	abscisicacid responsiveness
CmoCh17G009640	G-box	CACGTC	124	6	+	Brassica napus	light responsiveness
CmoCh15G007570	ABRE	CACGTG	216	6	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh15G007570	G-box	CACGTG	216	6	+	Arabidopsis thaliana	light responsiveness

CmoCh15G007570	ABRE	CACGTG	370	6	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh15G007570	G-box	CACGTG	370	6	+	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	TGACG-motif	TGACG	480	5	+	Hordeum vulgare	MeJA responsiveness
CmoCh14G008450	CGTCA-motif	CGTCA	480	5	-	Hordeum vulgare	MeJA responsiveness
CmoCh14G008450	ABRE	ACGTG	492	5	-	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh14G008450	G-box	TACGTG	492	6	-	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	Box 4	ATTAAT	570	6	+	Petroselinum crispum	light responsiveness
CmoCh14G017140	G-box	CACGAC	570	6	-	Petroselinum crispum	light responsiveness
CmoCh01G003900	TGACG-motif	TGACG	691	5	-	Hordeum vulgare	MeJA responsiveness
CmoCh01G003900	CGTCA-motif	CGTCA	691	5	+	Hordeum vulgare	MeJA responsiveness
CmoCh08G004920	CGTCA-motif	CGTCA	749	5	+	Pisum sativum	MeJA responsiveness
CmoCh08G004920	TGACG-motif	TGACG	749	5	-	Pisum sativum	MeJA responsiveness
CmoCh14G008450	ABRE	ACGTG	772	5	-	Zea mays	abscisicacid responsiveness
CmoCh14G008450	G-box	TACGTG	772	6	-	Zea mays	light responsiveness
CmoCh06G014450	MBS	CAACTG	793	6	+	Arabidopsis thaliana	MYB binding site
CmoCh08G004920	Box 4	ATTAAT	793	6	+	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	ABRE	CACGTG	803	6	+	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh14G008450	G-Box	CACGTG	803	6	+	Arabidopsis thaliana	light responsiveness
CmoCh14G008450	TGACG-motif	TGACG	823	5	+	Hordeum vulgare	MeJA responsiveness
CmoCh14G008450	CGTCA-motif	CGTCA	823	5	-	Hordeum vulgare	MeJA responsiveness
CmoCh06G014450	ATCT-motif	AATCTAATCC	838	9	+	Arabidopsis thaliana	light responsiveness
CmoCh06G014450	GATA-motif	AAGATAAGATT	838	10	-	Arabidopsis thaliana	light responsiveness
CmoCh14G017140	ABRE	ACGTG	889	5	-	organism	abscisicacid responsiveness
CmoCh14G017140	G-Box	CACGTT	889	6	+	organism	light responsiveness
CmoCh01G003900	ABRE	CACGTG	1326	6	-	Pisum sativum	abscisicacid responsiveness
CmoCh01G003900	G-Box	CACGTG	1326	6	-	Pisum sativum	light responsiveness
CmoCh06G014450	ABRE	CACGTG	1407	6	-	Arabidopsis thaliana	abscisicacid responsiveness
CmoCh06G014450	G-Box	CACGTG	1407	6	-	Arabidopsis thaliana	light responsiveness
CmoCh15G007570	CGTCA-motif	CGTCA	1566	5	+	Arabidopsis thaliana	MeJA responsiveness
CmoCh15G007570	TGACG-motif	TGACG	1566	5	-	Arabidopsis thaliana	MeJA responsiveness
CmoCh01G003900	Box 4	ATTAAT	1670	6	-	Petroselinum crispum	light responsiveness
CmoCh17G009640	Box 4	ATTAAT	1670	6	-	Petroselinum crispum	light responsiveness
CmoCh08G004920	ABRE	ACGTG	1808	5	-	Zea mays	abscisicacid responsiveness
CmoCh08G004920	G-Box	CACGTC	1808	6	+	Zea mays	light responsiveness
CmoCh15G007570	CGTCA-motif	CGTCA	1840	5	-	Arabidopsis thaliana	MeJA responsiveness
CmoCh15G007570	TGACG-motif	TGACG	1840	5	+	Arabidopsis thaliana	MeJA responsiveness
CmoCh08G004920	CGTCA-motif	CGTCA	1845	5	+	Hordeum vulgare	MeJA responsiveness
CmoCh08G004920	TGACG-motif	TGACG	1845	5	-	Hordeum vulgare	MeJA responsiveness