

Appendix K Analysis of *cis*-elements in the 1.5 kb sequence upstream of TaLTP genes

Gene name	Cis-elements	Sequences	Start	End	Function
TaLTP1.1	ABRE	GCCGCGTGGC	90	99	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	ACGTG	115	120	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	CGTACGTGCA	155	164	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	ACGTG	158	163	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	CGCACGTGTC	209	218	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	GCCGCGTGGC	310	319	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	ACGTG	383	388	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	ACGTG	419	424	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	ABRE	AACCCGG	437	444	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.1	C-box	ACGAGCACCGCC	45	56	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	CGTCA-motif	CGTCA	113	118	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	CGTCA-motif	CGTCA	366	371	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	CGTCA-motif	CGTCA	386	391	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	G-box	GCCACGTGGA	53	62	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	G-box	CACGTC	114	120	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	G-box	TACGTG	157	163	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	G-box	TACGTG	382	388	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	G-box	CACGTC	419	425	cis-acting regulatory element involved in light responsiveness
TaLTP1.1	GT1-motif	GGTTAA	435	441	light responsive element
TaLTP1.1	MBS	CAACTG	369	375	MYB binding site involved in drought-inducibility
TaLTP1.1	Sp1	GGGCGG	168	174	light responsive element
TaLTP1.1	Sp1	GGGCGG	173	179	light responsive element
TaLTP1.1	Sp1	GGGCGG	288	294	light responsive element
TaLTP1.1	Sp1	GGGCGG	343	349	light responsive element
TaLTP1.1	TATA-box	TATA	469	473	core promoter element around -30 of transcription start
TaLTP1.1	TGACG-motif	TGACG	113	118	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	TGACG-motif	TGACG	366	371	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	TGACG-motif	TGACG	386	391	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.1	TGA-element	AACGAC	422	428	auxin-responsive element
TaLTP1.11	ABRE	ACGTG	339	344	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.11	CAAT-box	TGCCAAC	260	267	common cis-acting element in promoter and enhancer regions
TaLTP1.11	CAAT-box	CAAAT	534	539	common cis-acting element in promoter and enhancer regions
TaLTP1.11	CGTCA-motif	CGTCA	290	295	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.11	CGTCA-motif	CGTCA	413	418	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.11	G-box	CACGTC	338	344	cis-acting regulatory element involved in light responsiveness
TaLTP1.11	MBS	CAACTG	133	139	MYB binding site involved in drought-inducibility
TaLTP1.11	MBS	CAACTG	344	350	MYB binding site involved in drought-inducibility
TaLTP1.11	O ₂ -site	GATGA(C/T)(A/G)TG(A/G)	64	72	cis-acting regulatory element involved in zein metabolism regulation
TaLTP1.11	TATA-box	TATA	42	46	core promoter element around -30 of transcription start
TaLTP1.11	TGACG-motif	TGACG	290	295	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.11	TGACG-motif	TGACG	413	418	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.11	TGA-element	AACGAC	335	341	auxin-responsive element
TaLTP1.35	Box 4	ATTAAT	747	753	part of a conserved DNA module involved in light responsiveness
TaLTP1.35	CAAT-box	CCAAT	796	801	common cis-acting element in promoter and enhancer regions
TaLTP1.35	CGTCA-motif	CGTCA	186	191	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	CGTCA-motif	CGTCA	237	242	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	CGTCA-motif	CGTCA	325	330	cis-acting regulatory element involved in the MeJA-responsiveness

TaLTP1.35	CGTCA-motif	CGTCA	415	420	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	GC-motif	CCCCCG	228	234	enhancer-like element involved in anoxic specific inducibility
TaLTP1.35	MBS	CAACTG	319	325	MYB binding site involved in drought-inducibility
TaLTP1.35	RY-element	CATGCATG	457	465	cis-acting regulatory element involved in seed-specific regulation
TaLTP1.35	RY-element	CATGCATG	721	729	cis-acting regulatory element involved in seed-specific regulation
TaLTP1.35	TATA-box	TATTTAAA	518	526	core promoter element around -30 of transcription start
TaLTP1.35	TATA-box	TATA	694	698	core promoter element around -30 of transcription start
TaLTP1.35	TATA-box	TATAA	792	797	core promoter element around -30 of transcription start
TaLTP1.35	TATA-box	TATA	793	797	core promoter element around -30 of transcription start
TaLTP1.35	TATA-box	TATA	808	812	core promoter element around -30 of transcription start
TaLTP1.35	TGACG-motif	TGACG	186	191	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	TGACG-motif	TGACG	237	242	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	TGACG-motif	TGACG	325	330	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	TGACG-motif	TGACG	415	420	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.35	TGA-element	AACGAC	570	576	auxin-responsive element
TaLTP1.4	ABRE	ACGTG	265	270	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.4	ARE	AAACCA	30	36	cis-acting regulatory element essential for the anaerobic induction
TaLTP1.4	CAAT-box	CAAAT	6	11	common cis-acting element in promoter and enhancer regions
TaLTP1.4	CAAT-box	CAAAT	69	74	common cis-acting element in promoter and enhancer regions
TaLTP1.4	CGTCA-motif	CGTCA	262	267	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.4	G-box	CACGTC	265	271	cis-acting regulatory element involved in light responsiveness
TaLTP1.4	GC-motif	CCCCCG	204	210	enhancer-like element involved in anoxic specific inducibility
TaLTP1.4	MBS	CAACTG	26	32	MYB binding site involved in drought-inducibility
TaLTP1.4	MBS	CAACTG	131	137	MYB binding site involved in drought-inducibility
TaLTP1.4	Sp1	GGGCGG	282	288	light responsive element
TaLTP1.4	TGACG-motif	TGACG	262	267	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.41	A-box	CCGTCC	64	70	cis-acting regulatory element
TaLTP1.41	A-box	CCGTCC	205	211	cis-acting regulatory element
TaLTP1.41	CAAT-box	CCAAT	246	251	common cis-acting element in promoter and enhancer regions
TaLTP1.41	CGTCA-motif	CGTCA	51	56	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.41	CGTCA-motif	CGTCA	183	188	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.41	MBS	CAACTG	128	134	MYB binding site involved in drought-inducibility
TaLTP1.41	TGACG-motif	TGACG	51	56	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.41	TGACG-motif	TGACG	183	188	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.45	ABRE	GCCGCGTGCC	289	298	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.45	ABRE	ACGTG	344	349	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.45	ARE	AAACCA	355	361	cis-acting regulatory element essential for the anaerobic induction
TaLTP1.45	CAAT-box	CCAAT	379	384	common cis-acting element in promoter and enhancer regions
TaLTP1.45	C-box	ACGAGCACCGCC	51	62	cis-acting regulatory element involved in light responsiveness
TaLTP1.45	G-box	TACGTG	343	349	cis-acting regulatory element involved in light responsiveness
TaLTP1.45	GC-motif	CCCCCG	174	180	enhancer-like element involved in anoxic specific inducibility
TaLTP1.45	GC-motif	CCCCCG	212	218	enhancer-like element involved in anoxic specific inducibility
TaLTP1.45	GT1-motif	GGTTAA	429	435	light responsive element
TaLTP1.45	TATA-box	TACAAAA	373	380	core promoter element around -30 of transcription start
TaLTP1.46	CAAT-box	CAAAT	460	465	common cis-acting element in promoter and enhancer regions
TaLTP1.46	CGTCA-motif	CGTCA	321	326	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.46	GC-motif	CCCCCG	218	224	enhancer-like element involved in anoxic specific inducibility
TaLTP1.46	GT1-motif	GGTTAA	478	484	light responsive element
TaLTP1.46	MBS	CAACTG	379	385	MYB binding site involved in drought-inducibility

TaLTP1.46	P-box	CCTTTTG	485	492	gibberellin-responsive element
TaLTP1.46	TATA-box	TATA	420	424	core promoter element around -30 of transcription start
TaLTP1.46	TGACG-motif	TGACG	321	326	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.48	ABRE	ACGTG	254	259	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.48	circadian	CAAAGATATC	109	118	cis-acting regulatory element involved in circadian control
TaLTP1.48	G-Box	CACGTT	253	259	cis-acting regulatory element involved in light responsiveness
TaLTP1.48	G-box	GCCACGTGGA	251	260	cis-acting regulatory element involved in light responsiveness
TaLTP1.48	MBS	CAACTG	11	17	MYB binding site involved in drought-inducibility
TaLTP1.48	Sp1	GGGCGG	212	218	light responsive element
TaLTP1.52	A-box	CCGTCC	234	240	cis-acting regulatory element
TaLTP1.52	CAAT-box	CAAAT	35	40	common cis-acting element in promoter and enhancer regions
TaLTP1.52	CAAT-box	CCAAT	52	57	common cis-acting element in promoter and enhancer regions
TaLTP1.52	CGTCA-motif	CGTCA	62	67	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.52	CGTCA-motif	CGTCA	164	169	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.52	G-box	CACGAC	403	409	cis-acting regulatory element involved in light responsiveness
TaLTP1.52	G-box	CACGAC	480	486	cis-acting regulatory element involved in light responsiveness
TaLTP1.52	Pc-CMA2c	GCCCACGCA	552	561	part of a light responsive element
TaLTP1.52	RY-element	CATGCATG	23	31	cis-acting regulatory element involved in seed-specific regulation
TaLTP1.52	RY-element	CATGCATG	27	35	cis-acting regulatory element involved in seed-specific regulation
TaLTP1.52	TGACG-motif	TGACG	62	67	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.52	TGACG-motif	TGACG	164	169	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.52	TGA-element	AACGAC	364	370	auxin-responsive element
TaLTP1.58	A-box	CCGTCC	41	47	cis-acting regulatory element
TaLTP1.58	A-box	CCGTCC	978	984	cis-acting regulatory element
TaLTP1.58	ABRE	GCCGCGTGGC	194	203	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.58	ABRE	ACGTG	752	757	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.58	ABRE	CACGTG	819	825	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.58	ABRE	ACGTG	820	825	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.58	CAAT-box	CAAAT	873	878	common cis-acting element in promoter and enhancer regions
TaLTP1.58	CAAT-box	CAAAT	1130	1135	common cis-acting element in promoter and enhancer regions
TaLTP1.58	CAAT-box	CAAAT	1137	1142	common cis-acting element in promoter and enhancer regions
TaLTP1.58	CAAT-box	CAAAT	1320	1325	common cis-acting element in promoter and enhancer regions
TaLTP1.58	CGTCA-motif	CGTCA	188	193	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	CGTCA-motif	CGTCA	810	815	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	CGTCA-motif	CGTCA	830	835	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	CGTCA-motif	CGTCA	1240	1245	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	circadian	CAAAGATATC	1491	1500	cis-acting regulatory element involved in circadian control
TaLTP1.58	GA-motif	ATAGATAA	1364	1372	part of a light responsive element
TaLTP1.58	G-Box	CACGTG	819	825	cis-acting regulatory element involved in light responsiveness
TaLTP1.58	G-box	CACGAC	96	102	cis-acting regulatory element involved in light responsiveness
TaLTP1.58	G-box	TACGTG	752	758	cis-acting regulatory element involved in light responsiveness
TaLTP1.58	G-box	CACGTG	819	825	cis-acting regulatory element involved in light responsiveness
TaLTP1.58	GC-motif	CCCCCG	338	344	enhancer-like element involved in anoxic specific inducibility
TaLTP1.58	MRE	AACCTAA	939	946	MYB binding site involved in light responsiveness
TaLTP1.58	TATA-box	TATA	913	917	core promoter element around -30 of transcription start
TaLTP1.58	TATA-box	ATATAA	1291	1297	core promoter element around -30 of transcription start
TaLTP1.58	TATA-box	TATA	1292	1296	core promoter element around -30 of transcription start
TaLTP1.58	TATA-box	taTATAAAAtc	1361	1370	core promoter element around -30 of transcription start
TaLTP1.58	TATA-box	TATATA	1369	1375	core promoter element around -30 of transcription start

TaLTP1.58	TATA-box	TATA	1371	1375	core promoter element around -30 of transcription start
TaLTP1.58	TATA-box	TATA	1424	1428	core promoter element around -30 of transcription start
TaLTP1.58	TCCC-motif	TCTCCCT	317	324	part of a light responsive element
TaLTP1.58	TGACG-motif	TGACG	188	193	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	TGACG-motif	TGACG	810	815	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	TGACG-motif	TGACG	830	835	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.58	TGACG-motif	TGACG	1240	1245	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.59	ACE	GCGACGTACC	359	368	cis-acting element involved in light responsiveness
TaLTP1.59	CAAT-box	CAAAT	64	69	common cis-acting element in promoter and enhancer regions
TaLTP1.59	CGTCA-motif	CGTCA	429	434	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.59	CGTCA-motif	CGTCA	502	507	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.59	G-box	CACGAC	154	160	cis-acting regulatory element involved in light responsiveness
TaLTP1.59	TGACG-motif	TGACG	429	434	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.59	TGACG-motif	TGACG	502	507	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.59	TGA-element	AACGAC	406	412	auxin-responsive element
TaLTP1.9	ABRE	CGTACGTGCA	126	135	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ABRE	GACACGTACGT	129	140	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ABRE	CGCACGTGTC	130	139	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ABRE	TACGTGTC	132	140	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ABRE	ACGTG	133	138	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ABRE	ACGTG	386	391	cis-acting element involved in the abscisic acid responsiveness
TaLTP1.9	ACE	GACACGTATG	130	139	cis-acting element involved in light responsiveness
TaLTP1.9	CAAT-box	CCAAT	81	86	common cis-acting element in promoter and enhancer regions
TaLTP1.9	CGTCA-motif	CGTCA	145	150	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	CGTCA-motif	CGTCA	335	340	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	CGTCA-motif	CGTCA	383	388	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	G-box	TACGTG	132	138	cis-acting regulatory element involved in light responsiveness
TaLTP1.9	G-box	CACGTC	386	392	cis-acting regulatory element involved in light responsiveness
TaLTP1.9	MBS	CAACTG	141	147	MYB binding site involved in drought-inducibility
TaLTP1.9	Sp1	GGGCGG	403	409	light responsive element
TaLTP1.9	TATA-box	TATAAA	53	59	core promoter element around -30 of transcription start
TaLTP1.9	TATA-box	TATAA	54	59	core promoter element around -30 of transcription start
TaLTP1.9	TATA-box	TATA	55	59	core promoter element around -30 of transcription start
TaLTP1.9	TATA-box	ATATAA	97	103	core promoter element around -30 of transcription start
TaLTP1.9	TATA-box	TATA	98	102	core promoter element around -30 of transcription start
TaLTP1.9	TCT-motif	TCTTAC	45	51	part of a light responsive element
TaLTP1.9	TGACG-motif	TGACG	145	150	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	TGACG-motif	TGACG	335	340	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	TGACG-motif	TGACG	383	388	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP1.9	TGA-element	AACGAC	228	234	auxin-responsive element
TaLTP2.1	ABRE	CGTACGTGCA	96	105	cis-acting element involved in the abscisic acid responsiveness
TaLTP2.1	G-box	CACGAC	140	146	cis-acting regulatory element involved in light responsiveness
TaLTP2.1	Sp1	GGGCGG	156	162	light responsive element
TaLTP2.22	ABRE	CGTACGTGCA	139	148	cis-acting element involved in the abscisic acid responsiveness
TaLTP2.22	O2-site	GATGATGTGG	398	407	cis-acting regulatory element involved in zein metabolism regulation
TaLTP2.22	TATA-box	TATACA	4	10	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATA	6	10	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	ATTATA	41	47	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATATAA	42	49	core promoter element around -30 of transcription start

TaLTP2.22	TATA-box	TATATA	43	49	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATA	45	49	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATA	254	258	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATAAATA	435	443	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATAAAT	436	443	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATAAA	437	443	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATAA	438	443	core promoter element around -30 of transcription start
TaLTP2.22	TATA-box	TATA	439	443	core promoter element around -30 of transcription start
TaLTP2.22	TCT-motif	TCTTAC	414	420	part of a light responsive element
TaLTP2.25	CAAT-box	CAAAT	7	12	common cis-acting element in promoter and enhancer regions
TaLTP2.25	CCAAT-box	CAACGG	288	294	MYBHv1 binding site
TaLTP2.25	GC-motif	CCCCCG	74	80	enhancer-like element involved in anoxic specific inducibility
TaLTP2.25	GC-motif	CCCCCG	214	220	enhancer-like element involved in anoxic specific inducibility
TaLTP2.25	LTR	CCGAAA	211	217	cis-acting element involved in low-temperature responsiveness
TaLTP2.25	TATA-box	TATATA	2	8	core promoter element around -30 of transcription start
TaLTP2.25	TATA-box	ATATAT	3	9	core promoter element around -30 of transcription start
TaLTP2.25	TATA-box	TATA	4	8	core promoter element around -30 of transcription start
TaLTP2.27	A-box	CCGTCC	142	148	cis-acting regulatory element
TaLTP2.27	ABRE	CGTACGTGCA	190	199	cis-acting element involved in the abscisic acid responsiveness
TaLTP2.27	GC-motif	CCCCCG	139	145	enhancer-like element involved in anoxic specific inducibility
TaLTP2.32	A-box	CCGTCC	394	400	cis-acting regulatory element
TaLTP2.32	A-box	CCGTCC	464	470	cis-acting regulatory element
TaLTP2.32	CAT-box	GCCACT	71	77	cis-acting regulatory element related to meristem expression
TaLTP2.32	CGTCA-motif	CGTCA	226	231	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP2.32	RY-element	CATGCATG	525	533	cis-acting regulatory element involved in seed-specific regulation
TaLTP2.32	Sp1	GGGCGG	191	197	light responsive element
TaLTP2.32	TATA-box	TATA	2	6	core promoter element around -30 of transcription start
TaLTP2.32	TATA-box	TATA	448	452	core promoter element around -30 of transcription start
TaLTP2.32	TATA-box	TATA	492	496	core promoter element around -30 of transcription start
TaLTP2.32	TGACG-motif	TGACG	226	231	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP2.35	A-box	CCGTCC	383	389	cis-acting regulatory element
TaLTP2.35	CGTCA-motif	CGTCA	456	461	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP2.35	L-box	ATCCACCTAC	317	327	part of a light responsive element
TaLTP2.35	Sp1	GGGCGG	180	186	light responsive element
TaLTP2.35	TATA-box	TATA	2	6	core promoter element around -30 of transcription start
TaLTP2.35	TATA-box	TATA	464	468	core promoter element around -30 of transcription start
TaLTP2.35	TGACG-motif	TGACG	456	461	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP2.37	A-box	CCGTCC	15	21	cis-acting regulatory element
TaLTP2.37	CGTCA-motif	CGTCA	184	189	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTP2.37	Sp1	GGGCGG	218	224	light responsive element
TaLTP2.37	TGACG-motif	TGACG	184	189	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPc.1	CGTCA-motif	CGTCA	386	391	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPc.1	O2-site	GATGATGTGG	255	264	cis-acting regulatory element involved in zein metabolism regulation
TaLTPc.1	Sp1	GGGCGG	78	84	light responsive element
TaLTPc.1	TATA-box	ATTATA	316	322	core promoter element around -30 of transcription start
TaLTPc.1	TATA-box	TATAA	317	322	core promoter element around -30 of transcription start
TaLTPc.1	TATA-box	TATA	318	322	core promoter element around -30 of transcription start
TaLTPc.1	TCT-motif	TCTTAC	308	314	part of a light responsive element
TaLTPc.1	TGACG-motif	TGACG	386	391	cis-acting regulatory element involved in the MeJA-responsiveness

TaLTPc.2	O2-site	GATGATGTGG	255	264	cis-acting regulatory element involved in zein metabolism regulation
TaLTPc.2	Sp1	GGGCGG	78	84	light responsive element
TaLTPc.2	TCT-motif	TCTTAC	308	314	part of a light responsive element
TaLTPc.4	MBS	CAACTG	273	279	MYB binding site involved in drought-inducibility
TaLTPc.5	A-box	CCGTCC	14	20	cis-acting regulatory element
TaLTPc.5	GC-motif	CCCCCG	95	101	enhancer-like element involved in anoxic specific inducibility
TaLTPc.5	MBS	CAACTG	273	279	MYB binding site involved in drought-inducibility
TaLTPc.6	A-box	CCGTCC	160	166	cis-acting regulatory element
TaLTPc.6	CAAT-box	CCAAT	409	414	common cis-acting element in promoter and enhancer regions
TaLTPc.6	CCAAT-box	CAACGG	124	130	MYBHv1 binding site
TaLTPc.6	G-box	CACGAC	62	68	cis-acting regulatory element involved in light responsiveness
TaLTPc.6	GC-motif	CCCCCG	241	247	enhancer-like element involved in anoxic specific inducibility
TaLTPc.6	MBS	CAACTG	420	426	MYB binding site involved in drought-inducibility
TaLTPc.6	TATA-box	TATA	42	46	core promoter element around -30 of transcription start
TaLTPd1.19	ABRE	ACGTG	116	121	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.19	ABRE	GCAACGTGTC	311	320	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.19	ABRE	ACGTG	314	319	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.19	CGTCA-motif	CGTCA	17	22	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd1.19	G-Box	TCCACATGGCA	106	116	cis-acting regulatory element involved in light responsiveness
TaLTPd1.19	G-Box	CACGTT	313	319	cis-acting regulatory element involved in light responsiveness
TaLTPd1.19	G-box	CACGTC	115	121	cis-acting regulatory element involved in light responsiveness
TaLTPd1.19	O2-site	GATGATGTGG	99	108	cis-acting regulatory element involved in zein metabolism regulation
TaLTPd1.19	TGACG-motif	TGACG	17	22	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd1.24	ABRE	ACGTG	200	205	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.24	ABRE	CGTACGTGCA	559	568	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.24	ABRE	ACGTG	562	567	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.24	C-box	ACGAGCACCGCC	115	126	cis-acting regulatory element involved in light responsiveness
TaLTPd1.24	CGTCA-motif	CGTCA	110	115	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd1.24	G-Box	CACGTT	199	205	cis-acting regulatory element involved in light responsiveness
TaLTPd1.24	G-box	CACGAC	157	163	cis-acting regulatory element involved in light responsiveness
TaLTPd1.24	G-box	GCCACGTGGA	197	206	cis-acting regulatory element involved in light responsiveness
TaLTPd1.24	G-box	TACGTG	561	567	cis-acting regulatory element involved in light responsiveness
TaLTPd1.24	MBS	CAACTG	14	20	MYB binding site involved in drought-inducibility
TaLTPd1.24	MBS	CAACTG	225	231	MYB binding site involved in drought-inducibility
TaLTPd1.24	RY-element	CATGCATG	583	591	cis-acting regulatory element involved in seed-specific regulation
TaLTPd1.24	Sp1	GGGCGG	395	401	light responsive element
TaLTPd1.24	TGACG-motif	TGACG	110	115	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd1.26	Sp1	GGGCGG	10	16	light responsive element
TaLTPd1.26	TGA-element	AACGAC	211	217	auxin-responsive element
TaLTPd1.31	A-box	AATAACAAACTCC	625	637	sequence conserved in alpha-amylase promoters
TaLTPd1.31	ABRE	TACGTGTC	422	430	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.31	ABRE	ACGTG	423	428	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.31	ABRE	ACGTG	515	520	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.31	ABRE	ACGTG	569	574	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.31	Box 4	ATTAAT	453	459	part of a conserved DNA module involved in light responsiveness
TaLTPd1.31	Box 4	ATTAAT	530	536	part of a conserved DNA module involved in light responsiveness
TaLTPd1.31	CAAT-box	CCAAT	40	45	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CAAAT	62	67	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	94	99	common cis-acting element in promoter and enhancer regions

TaLTPd1.31	CAAT-box	CAAAT	171	176	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	218	223	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CAAAT	278	283	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CAAAT	509	514	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	767	772	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	777	782	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	785	790	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCCAATTT	866	874	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	CAAT-box	CCAAT	867	872	common cis-acting element in promoter and enhancer regions
TaLTPd1.31	G-Box	CACGTT	514	520	cis-acting regulatory element involved in light responsiveness
TaLTPd1.31	G-box	TACGTG	422	428	cis-acting regulatory element involved in light responsiveness
TaLTPd1.31	G-box	CACGTC	568	574	cis-acting regulatory element involved in light responsiveness
TaLTPd1.31	G-box	CACGAC	793	799	cis-acting regulatory element involved in light responsiveness
TaLTPd1.31	MBS	CAACTG	382	388	MYB binding site involved in drought-inducibility
TaLTPd1.31	TATA-box	TATACA	559	565	core promoter element around -30 of transcription start
TaLTPd1.31	TATA-box	TATA	561	565	core promoter element around -30 of transcription start
TaLTPd1.34	Box 4	ATTAAT	418	424	part of a conserved DNA module involved in light responsiveness
TaLTPd1.34	Box 4	ATTAAT	496	502	part of a conserved DNA module involved in light responsiveness
TaLTPd1.34	Box 4	ATTAAT	586	592	part of a conserved DNA module involved in light responsiveness
TaLTPd1.34	CAAT-box	CAAAT	23	28	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CCAAT	60	65	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	137	142	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	188	193	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	244	249	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	474	479	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	577	582	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CCAAT	590	595	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	CAAT-box	CAAAT	760	765	common cis-acting element in promoter and enhancer regions
TaLTPd1.34	MBS	CAACTG	347	353	MYB binding site involved in drought-inducibility
TaLTPd1.34	MBS	CAACTG	445	451	MYB binding site involved in drought-inducibility
TaLTPd1.34	TATA-box	TATACA	525	531	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATA	527	531	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	ATATAT	573	579	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATA	574	578	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	ATATAT	582	588	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATA	583	587	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATTTAAA	660	668	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATAA	703	708	core promoter element around -30 of transcription start
TaLTPd1.34	TATA-box	TATA	704	708	core promoter element around -30 of transcription start
TaLTPd1.36	A-box	CCGTCC	157	163	cis-acting regulatory element
TaLTPd1.36	ABRE	ACGTG	58	63	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.36	G-box	CACGTC	58	64	cis-acting regulatory element involved in light responsiveness
TaLTPd1.36	GC-motif	CCCCCG	129	135	enhancer-like element involved in anoxic specific inducibility
TaLTPd1.36	MBS	CAACTG	5	11	MYB binding site involved in drought-inducibility
TaLTPd1.36	NON-box	AGATCGACG	60	69	cis-acting regulatory element related to meristem specific activation
TaLTPd1.37	A-box	CCGTCC	157	163	cis-acting regulatory element
TaLTPd1.37	ABRE	ACGTG	58	63	cis-acting element involved in the abscisic acid responsiveness
TaLTPd1.37	G-box	CACGTC	58	64	cis-acting regulatory element involved in light responsiveness
TaLTPd1.37	GC-motif	CCCCCG	129	135	enhancer-like element involved in anoxic specific inducibility

TaLTPd1.37	MBS	CAACTG	5	11	MYB binding site involved in drought-inducibility
TaLTPd1.37	NON-box	AGATCGACG	60	69	cis-acting regulatory element related to meristem specific activation
TaLTPd2.1	ABRE	GCCGCGTGGC	160	169	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.1	CAAT-box	CCAAT	254	259	common cis-acting element in promoter and enhancer regions
TaLTPd2.1	CAAT-box	CAAAT	443	448	common cis-acting element in promoter and enhancer regions
TaLTPd2.1	CGTCA-motif	CGTCA	60	65	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.1	G-box	CACGAC	379	385	cis-acting regulatory element involved in light responsiveness
TaLTPd2.1	TATA-box	ATATAT	308	314	core promoter element around -30 of transcription start
TaLTPd2.1	TATA-box	TATA	309	313	core promoter element around -30 of transcription start
TaLTPd2.1	TATA-box	TATAAAA	403	410	core promoter element around -30 of transcription start
TaLTPd2.1	TATA-box	TATAAA	404	410	core promoter element around -30 of transcription start
TaLTPd2.1	TATA-box	TATAA	405	410	core promoter element around -30 of transcription start
TaLTPd2.1	TATA-box	TATA	406	410	core promoter element around -30 of transcription start
TaLTPd2.1	TGACG-motif	TGACG	60	65	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.12	ARE	AAACCA	100	106	cis-acting regulatory element essential for the anaerobic induction
TaLTPd2.12	CGTCA-motif	CGTCA	50	55	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.12	circadian	CAAAGATATC	128	137	cis-acting regulatory element involved in circadian control
TaLTPd2.12	GATA-motif	AAGGATAAGG	229	238	part of a light responsive element
TaLTPd2.12	G-box	CACGAC	341	347	cis-acting regulatory element involved in light responsiveness
TaLTPd2.12	I-box	gGATAAGGTG	231	240	part of a light responsive element
TaLTPd2.12	LAMP-element	CCTTATCCA	230	239	part of a light responsive element
TaLTPd2.12	TATA-box	TATAA	303	308	core promoter element around -30 of transcription start
TaLTPd2.12	TATA-box	TATA	304	308	core promoter element around -30 of transcription start
TaLTPd2.12	TATA-box	TACAAAA	369	376	core promoter element around -30 of transcription start
TaLTPd2.12	TGACG-motif	TGACG	50	55	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.14	ABRE	CACGTG	161	167	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.14	ABRE	ACGTG	162	167	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.14	Box II	CCACGTGGC	160	169	part of a light responsive element
TaLTPd2.14	CAAT-box	CCAAT	137	142	common cis-acting element in promoter and enhancer regions
TaLTPd2.14	CAAT-box	CAAAT	243	248	common cis-acting element in promoter and enhancer regions
TaLTPd2.14	CAAT-box	CCAAT	283	288	common cis-acting element in promoter and enhancer regions
TaLTPd2.14	G-Box	CACGTG	161	167	cis-acting regulatory element involved in light responsiveness
TaLTPd2.14	G-box	GCCACGTGGA	159	168	cis-acting regulatory element involved in light responsiveness
TaLTPd2.14	G-box	CACGTG	161	167	cis-acting regulatory element involved in light responsiveness
TaLTPd2.14	GT1-motif	GGTTAA	279	285	light responsive element
TaLTPd2.14	TATA-box	ATATAT	191	197	core promoter element around -30 of transcription start
TaLTPd2.14	TATA-box	TATA	192	196	core promoter element around -30 of transcription start
TaLTPd2.14	TATA-box	TATAAAT	286	293	core promoter element around -30 of transcription start
TaLTPd2.14	TATA-box	TATAAA	287	293	core promoter element around -30 of transcription start
TaLTPd2.14	TATA-box	TATAA	288	293	core promoter element around -30 of transcription start
TaLTPd2.14	TATA-box	TATA	289	293	core promoter element around -30 of transcription start
TaLTPd2.14	TCA-element	TCAGAAGAGG	303	312	cis-acting element involved in salicylic acid responsiveness
TaLTPd2.4	ABRE	ACGTG	571	576	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.4	ABRE	CGTACGTGCA	635	644	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.4	ABRE	ACGTG	637	642	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.4	CAAT-box	CAAAT	274	279	common cis-acting element in promoter and enhancer regions
TaLTPd2.4	CAAT-box	CAAAT	381	386	common cis-acting element in promoter and enhancer regions
TaLTPd2.4	CGTCA-motif	CGTCA	480	485	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.4	G-box	CACGTC	571	577	cis-acting regulatory element involved in light responsiveness

TaLTPd2.4	G-box	TACGTG	637	643	cis-acting regulatory element involved in light responsiveness
TaLTPd2.4	G-box	CACGAC	814	820	cis-acting regulatory element involved in light responsiveness
TaLTPd2.4	I-box	gGATAAGGTG	508	517	part of a light responsive element
TaLTPd2.4	MBS	CAACTG	30	36	MYB binding site involved in drought-inducibility
TaLTPd2.4	MBS	CAACTG	104	110	MYB binding site involved in drought-inducibility
TaLTPd2.4	MBS	CAACTG	284	290	MYB binding site involved in drought-inducibility
TaLTPd2.4	MBS	CAACTG	464	470	MYB binding site involved in drought-inducibility
TaLTPd2.4	TATA-box	TATA	16	20	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	ATTATA	87	93	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATAA	88	93	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATA	89	93	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATA	342	346	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATAAATA	868	876	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATAAAT	869	876	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATAAA	870	876	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATAA	871	876	core promoter element around -30 of transcription start
TaLTPd2.4	TATA-box	TATA	872	876	core promoter element around -30 of transcription start
TaLTPd2.4	TGACG-motif	TGACG	480	485	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.4	TGA-element	AACGAC	311	317	auxin-responsive element
TaLTPd2.6	ABRE	ACGTG	332	337	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.6	ABRE	CGTACGTGCA	396	405	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.6	ABRE	ACGTG	398	403	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.6	CGTCA-motif	CGTCA	241	246	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.6	CGTCA-motif	CGTCA	674	679	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.6	GATA-motif	AAGGATAAGG	509	518	part of a light responsive element
TaLTPd2.6	G-box	CACGTC	332	338	cis-acting regulatory element involved in light responsiveness
TaLTPd2.6	G-box	TACGTG	398	404	cis-acting regulatory element involved in light responsiveness
TaLTPd2.6	GC-motif	CCCCCG	716	722	enhancer-like element involved in anoxic specific inducibility
TaLTPd2.6	GT1-motif	GGTTAA	191	197	light responsive element
TaLTPd2.6	I-box	gGATAAGGTG	269	278	part of a light responsive element
TaLTPd2.6	MRE	AACCTAA	118	125	MYB binding site involved in light responsiveness
TaLTPd2.6	Sp1	GGGCGG	705	711	light responsive element
TaLTPd2.6	TATA-box	TATAAATA	661	669	core promoter element around -30 of transcription start
TaLTPd2.6	TATA-box	TATAAAT	662	669	core promoter element around -30 of transcription start
TaLTPd2.6	TATA-box	TATAAA	663	669	core promoter element around -30 of transcription start
TaLTPd2.6	TATA-box	TATAA	664	669	core promoter element around -30 of transcription start
TaLTPd2.6	TATA-box	TATA	665	669	core promoter element around -30 of transcription start
TaLTPd2.6	TGACG-motif	TGACG	241	246	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.6	TGACG-motif	TGACG	674	679	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.7	ABRE	CGTACGTGCA	122	131	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.7	ABRE	ACGTG	124	129	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.7	ABRE	AACCCGG	604	611	cis-acting element involved in the abscisic acid responsiveness
TaLTPd2.7	Box 4	ATTAAT	30	36	part of a conserved DNA module involved in light responsiveness
TaLTPd2.7	CAAT-box	CCAAT	41	46	common cis-acting element in promoter and enhancer regions
TaLTPd2.7	CAAT-box	CCAAT	156	161	common cis-acting element in promoter and enhancer regions
TaLTPd2.7	CAAT-box	CAAAT	350	355	common cis-acting element in promoter and enhancer regions
TaLTPd2.7	CGTCA-motif	CGTCA	413	418	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.7	G-box	TACGTG	124	130	cis-acting regulatory element involved in light responsiveness
TaLTPd2.7	G-box	CACGAC	271	277	cis-acting regulatory element involved in light responsiveness

TaLTPd2.7	G-box	CACGAC	381	387	cis-acting regulatory element involved in light responsiveness
TaLTPd2.7	GC-motif	CCCCCG	581	587	enhancer-like element involved in anoxic specific inducibility
TaLTPd2.7	TATA-box	TATATA	104	110	core promoter element around -30 of transcription start
TaLTPd2.7	TATA-box	TATA	106	110	core promoter element around -30 of transcription start
TaLTPd2.7	TCT-motif	TCTTAC	20	26	part of a light responsive element
TaLTPd2.7	TGACG-motif	TGACG	413	418	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.8	CAAT-box	TGCCAAC	174	181	common cis-acting element in promoter and enhancer regions
TaLTPd2.8	CAAT-box	CAAAT	336	341	common cis-acting element in promoter and enhancer regions
TaLTPd2.8	CAAT-box	CAAAT	417	422	common cis-acting element in promoter and enhancer regions
TaLTPd2.8	CAAT-box	CAAAT	426	431	common cis-acting element in promoter and enhancer regions
TaLTPd2.8	CAAT-box	CCAAT	478	483	common cis-acting element in promoter and enhancer regions
TaLTPd2.8	CGTCA-motif	CGTCA	192	197	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd2.8	GARE-motif	TCTGTTG	508	515	gibberellin-responsive element
TaLTPd2.8	G-box	CACGAC	322	328	cis-acting regulatory element involved in light responsiveness
TaLTPd2.8	MBS	CAACTG	177	183	MYB binding site involved in drought-inducibility
TaLTPd2.8	MBS	CAACTG	369	375	MYB binding site involved in drought-inducibility
TaLTPd2.8	Sp1	GGGCGG	254	260	light responsive element
TaLTPd2.8	TATA-box	ATATAT	429	435	core promoter element around -30 of transcription start
TaLTPd2.8	TATA-box	TATA	430	434	core promoter element around -30 of transcription start
TaLTPd2.8	TATA-box	ATATAT	481	487	core promoter element around -30 of transcription start
TaLTPd2.8	TATA-box	TATA	482	486	core promoter element around -30 of transcription start
TaLTPd2.8	TGACG-motif	TGACG	192	197	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.1	A-box	CCGTCC	169	175	cis-acting regulatory element
TaLTPd3.1	ABRE	GCCGCGTGCC	53	62	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.1	ABRE	GCCGCGTGCC	63	72	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.1	CGTCA-motif	CGTCA	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.1	Sp1	GGGCGG	318	324	light responsive element
TaLTPd3.1	TGACG-motif	TGACG	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.13	ABRE	ACGTG	820	825	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.13	ABRE	ACGTG	829	834	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.13	AT-rich element	ATAGAAATCAA	840	850	binding site of AT-rich DNA binding protein (ATBP-I)
TaLTPd3.13	CAAT-box	CAAAT	546	551	common cis-acting element in promoter and enhancer regions
TaLTPd3.13	CGTCA-motif	CGTCA	320	325	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.13	G-Box	CACGTT	819	825	cis-acting regulatory element involved in light responsiveness
TaLTPd3.13	G-box	CACGAC	694	700	cis-acting regulatory element involved in light responsiveness
TaLTPd3.13	G-box	CACGTC	829	835	cis-acting regulatory element involved in light responsiveness
TaLTPd3.13	GC-motif	CCCCCG	193	199	enhancer-like element involved in anoxic specific inducibility
TaLTPd3.13	I-box	TGATAATGT	585	594	part of a light responsive element
TaLTPd3.13	O2-site	GTTGACGTGA	816	825	cis-acting regulatory element involved in zein metabolism regulation
TaLTPd3.13	Sp1	GGGCGG	404	410	light responsive element
TaLTPd3.13	TATA-box	TATATA	454	460	core promoter element around -30 of transcription start
TaLTPd3.13	TATA-box	TATA	456	460	core promoter element around -30 of transcription start
TaLTPd3.13	TATA-box	ATATAT	522	528	core promoter element around -30 of transcription start
TaLTPd3.13	TATA-box	TATA	523	527	core promoter element around -30 of transcription start
TaLTPd3.13	TATA-box	TATA	791	795	core promoter element around -30 of transcription start
TaLTPd3.13	TCCC-motif	TCTCCCT	82	89	part of a light responsive element
TaLTPd3.13	TGACG-motif	TGACG	320	325	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.4	A-box	CCGTCC	169	175	cis-acting regulatory element
TaLTPd3.4	A-box	CCGTCC	191	197	cis-acting regulatory element

TaLTPd3.4	ABRE	GCCGCGTGCC	53	62	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.4	CGTCA-motif	CGTCA	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.4	O2-site	GATGATGTGG	195	204	cis-acting regulatory element involved in zein metabolism regulation
TaLTPd3.4	Sp1	GGGCGG	318	324	light responsive element
TaLTPd3.4	TGACG-motif	TGACG	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.7	A-box	CCGTCC	169	175	cis-acting regulatory element
TaLTPd3.7	ABRE	GCCGCGTGCC	53	62	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.7	ABRE	GCCGCGTGCC	63	72	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.7	CGTCA-motif	CGTCA	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.7	Sp1	GGGCGG	318	324	light responsive element
TaLTPd3.7	TGACG-motif	TGACG	234	239	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.9	ABRE	GCCGCGTGCC	350	359	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.9	ABRE	GCCGCGTGCC	373	382	cis-acting element involved in the abscisic acid responsiveness
TaLTPd3.9	CAAT-box	CAAAT	101	106	common cis-acting element in promoter and enhancer regions
TaLTPd3.9	CAAT-box	CAAAT	120	125	common cis-acting element in promoter and enhancer regions
TaLTPd3.9	CGTCA-motif	CGTCA	186	191	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.9	CGTCA-motif	CGTCA	219	224	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.9	GC-motif	CCCCCG	293	299	enhancer-like element involved in anoxic specific inducibility
TaLTPd3.9	Sp1	GGGCGG	381	387	light responsive element
TaLTPd3.9	TGACG-motif	TGACG	186	191	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.9	TGACG-motif	TGACG	219	224	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPd3.9	TGA-element	AACGAC	83	89	auxin-responsive element
TaLTPg1.1	ABRE	CGTACGTGCA	398	407	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.1	ABRE	ACGTG	400	405	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.1	ABRE	GACACGTACGT	689	699	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.1	ABRE	ACGTG	691	696	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.1	ACE	GACACGTATG	1312	1321	cis-acting element involved in light responsiveness
TaLTPg1.1	ACE	GCGACGTACC	1421	1430	cis-acting element involved in light responsiveness
TaLTPg1.1	ARE	AAACCA	239	245	cis-acting regulatory element essential for the anaerobic induction
TaLTPg1.1	ARE	AAACCA	597	603	cis-acting regulatory element essential for the anaerobic induction
TaLTPg1.1	Box 4	ATTAAT	676	682	part of a conserved DNA module involved in light responsiveness
TaLTPg1.1	CAAT-box	CAAAT	99	104	common cis-acting element in promoter and enhancer regions
TaLTPg1.1	CAAT-box	CAAAT	882	887	common cis-acting element in promoter and enhancer regions
TaLTPg1.1	CAAT-box	CAAAT	1080	1085	common cis-acting element in promoter and enhancer regions
TaLTPg1.1	CAAT-box	CAAAT	1182	1187	common cis-acting element in promoter and enhancer regions
TaLTPg1.1	CAAT-box	CAAAT	1324	1329	common cis-acting element in promoter and enhancer regions
TaLTPg1.1	CAT-box	GCCACT	1204	1210	cis-acting regulatory element related to meristem expression
TaLTPg1.1	CGTCA-motif	CGTCA	192	197	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.1	Gap-box	CAAATGAA(A/G)A	1080	1089.5	part of a light responsive element
TaLTPg1.1	G-box	TACGTG	400	406	cis-acting regulatory element involved in light responsiveness
TaLTPg1.1	G-box	TACGTG	691	697	cis-acting regulatory element involved in light responsiveness
TaLTPg1.1	G-box	CACGAC	1216	1222	cis-acting regulatory element involved in light responsiveness
TaLTPg1.1	LTR	CCGAAA	779	785	cis-acting element involved in low-temperature responsiveness
TaLTPg1.1	O2-site	GATGATGTGG	151	160	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg1.1	RY-element	CATGCATG	283	291	cis-acting regulatory element involved in seed-specific regulation
TaLTPg1.1	TATA-box	TATA	1	5	core promoter element around -30 of transcription start
TaLTPg1.1	TATA-box	TATA	1033	1037	core promoter element around -30 of transcription start
TaLTPg1.1	TATA-box	TATACA	1127	1133	core promoter element around -30 of transcription start
TaLTPg1.1	TATA-box	TATA	1129	1133	core promoter element around -30 of transcription start

TaLTPg1.1	TATA-box	TATA	1270	1274	core promoter element around -30 of transcription start
TaLTPg1.1	TCCC-motif	TCTCCCT	1418	1425	part of a light responsive element
TaLTPg1.1	TGACG-motif	TGACG	192	197	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.1	TGA-element	AACGAC	44	50	auxin-responsive element
TaLTPg1.10	ABRE	ACGTG	404	409	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	ABRE	ACGTG	659	664	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	ABRE	ACGTG	664	669	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	ABRE	CGCACGTGTC	1336	1345	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	ABRE	CACGTG	1338	1344	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	ABRE	ACGTG	1339	1344	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.10	Box 4	ATTAAT	736	742	part of a conserved DNA module involved in light responsiveness
TaLTPg1.10	CAAT-box	CAAAT	419	424	common cis-acting element in promoter and enhancer regions
TaLTPg1.10	CAAT-box	CCAAT	961	966	common cis-acting element in promoter and enhancer regions
TaLTPg1.10	CAAT-box	CCAAT	1046	1051	common cis-acting element in promoter and enhancer regions
TaLTPg1.10	CAAT-box	CAAAT	1328	1333	common cis-acting element in promoter and enhancer regions
TaLTPg1.10	CGTCA-motif	CGTCA	438	443	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	CGTCA-motif	CGTCA	598	603	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	CGTCA-motif	CGTCA	661	666	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	CGTCA-motif	CGTCA	666	671	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	CGTCA-motif	CGTCA	1440	1445	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	GATA-motif	AAGGATAAGG	1485	1494	part of a light responsive element
TaLTPg1.10	G-Box	CACGTT	404	410	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	G-Box	CACGTG	1338	1344	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	G-box	GCCACGTGGA	382	391	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	G-box	CACGTC	659	665	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	G-box	CACGTC	664	670	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	G-box	CACGTG	1338	1344	cis-acting regulatory element involved in light responsiveness
TaLTPg1.10	GT1-motif	GGTTAA	1272	1278	light responsive element
TaLTPg1.10	I-box	gGATAAGGTG	326	335	part of a light responsive element
TaLTPg1.10	I-box	TGATAATGT	1196	1205	part of a light responsive element
TaLTPg1.10	I-box	GATAAGGGT	1488	1497	part of a light responsive element
TaLTPg1.10	O2-site	GATGATGTGG	325	334	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg1.10	O2-site	GTTGACGTGA	394	403	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg1.10	O2-site	GATGATGTGG	830	839	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg1.10	P-box	CCTTTTG	1	8	gibberellin-responsive element
TaLTPg1.10	Sp1	GGGCGG	311	317	light responsive element
TaLTPg1.10	Sp1	GGGCGG	629	635	light responsive element
TaLTPg1.10	Sp1	GGGCGG	1049	1055	light responsive element
TaLTPg1.10	TATA-box	TAAAGATT	464	472	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	478	482	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	856	860	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATTTAAA	908	916	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATACA	925	931	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATATA	927	933	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	ATATAT	928	934	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATATA	929	935	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	ATATAA	930	936	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	931	935	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	1155	1159	core promoter element around -30 of transcription start

TaLTPg1.10	TATA-box	TATA	1370	1374	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATAA	1481	1486	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	1482	1486	core promoter element around -30 of transcription start
TaLTPg1.10	TATA-box	TATA	1496	1500	core promoter element around -30 of transcription start
TaLTPg1.10	TCA-element	CCATCTTTTT	551	560	cis-acting element involved in salicylic acid responsiveness
TaLTPg1.10	TGACG-motif	TGACG	438	443	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	TGACG-motif	TGACG	598	603	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	TGACG-motif	TGACG	661	666	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	TGACG-motif	TGACG	666	671	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.10	TGACG-motif	TGACG	1440	1445	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.13	ABRE	ACGTG	913	918	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.13	ABRE	CACGTG	920	926	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.13	ABRE	ACGTG	921	926	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.13	ARE	AAACCA	952	958	cis-acting regulatory element essential for the anaerobic induction
TaLTPg1.13	ARE	AAACCA	1233	1239	cis-acting regulatory element essential for the anaerobic induction
TaLTPg1.13	Box 4	ATTAAT	500	506	part of a conserved DNA module involved in light responsiveness
TaLTPg1.13	Box 4	ATTAAT	573	579	part of a conserved DNA module involved in light responsiveness
TaLTPg1.13	CAAT-box	CCAAT	386	391	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CAAAT	413	418	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CCAAT	819	824	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CCAAT	826	831	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CAAAT	1079	1084	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CCAAT	1141	1146	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CAAAT	1146	1151	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CAAT-box	CAAAT	1384	1389	common cis-acting element in promoter and enhancer regions
TaLTPg1.13	CGTCA-motif	CGTCA	841	846	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.13	CGTCA-motif	CGTCA	854	859	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.13	GATA-motif	GATAGGG	684	691	part of a light responsive element
TaLTPg1.13	GATA-motif	GATAGGA	806	813	part of a light responsive element
TaLTPg1.13	G-Box	CACGTG	920	926	cis-acting regulatory element involved in light responsiveness
TaLTPg1.13	G-box	TACGTG	912	918	cis-acting regulatory element involved in light responsiveness
TaLTPg1.13	G-box	CACGTG	920	926	cis-acting regulatory element involved in light responsiveness
TaLTPg1.13	MBS	CAACTG	831	837	MYB binding site involved in drought-inducibility
TaLTPg1.13	TATA-box	TATA	476	480	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAAGAA	520	528	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAA	523	528	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATA	524	528	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	ATATAT	899	905	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATA	900	904	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAAAT	1182	1189	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAAA	1183	1189	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAA	1184	1189	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATA	1185	1189	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAA	1219	1224	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATA	1220	1224	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATACA	1255	1261	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATA	1257	1261	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAAGAA	1336	1344	core promoter element around -30 of transcription start
TaLTPg1.13	TATA-box	TATAA	1339	1344	core promoter element around -30 of transcription start

TaLTPg1.13	TATA-box	TATA	1340	1344	core promoter element around -30 of transcription start
TaLTPg1.13	TATC-box	TATCCCA	815	822	cis-acting element involved in gibberellin-responsiveness
TaLTPg1.13	TCA-element	CCATCTTTTT	562	571	cis-acting element involved in salicylic acid responsiveness
TaLTPg1.13	TCA-element	CCATCTTTTT	845	854	cis-acting element involved in salicylic acid responsiveness
TaLTPg1.13	TCCC-motif	TCTCCCT	326	333	part of a light responsive element
TaLTPg1.13	TCT-motif	TCTTAC	1197	1203	part of a light responsive element
TaLTPg1.13	TGACG-motif	TGACG	841	846	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.13	TGACG-motif	TGACG	854	859	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	ABRE	ACGTG	130	135	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	CGTACGTGCA	140	150	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	ACGTG	143	148	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	AACCCGG	191	198	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	CGTACGTGCA	416	425	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	ACGTG	683	688	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	ACGTG	799	804	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	CGCACGTGTC	915	924	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	CACGTG	917	923	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ABRE	ACGTG	918	923	cis-acting element involved in the abscisic acid responsiveness
TaLTPg1.4	ACE	GCGACGTACC	127	136	cis-acting element involved in light responsiveness
TaLTPg1.4	ARE	AAACCA	449	455	cis-acting regulatory element essential for the anaerobic induction
TaLTPg1.4	Box 4	ATTAAT	1287	1293	part of a conserved DNA module involved in light responsiveness
TaLTPg1.4	CAAT-box	CAAAT	442	447	common cis-acting element in promoter and enhancer regions
TaLTPg1.4	CAAT-box	CAAAT	943	948	common cis-acting element in promoter and enhancer regions
TaLTPg1.4	CAAT-box	CCAAT	1302	1307	common cis-acting element in promoter and enhancer regions
TaLTPg1.4	CGTCA-motif	CGTCA	38	43	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	CGTCA-motif	CGTCA	137	142	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	CGTCA-motif	CGTCA	152	157	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	CGTCA-motif	CGTCA	789	794	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	CGTCA-motif	CGTCA	932	937	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	G-Box	CACGTT	682	688	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-Box	CACGTG	917	923	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	CACGAC	46	52	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	CACGTC	129	135	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	TACGTG	142	148	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	CACGTC	798	804	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	CACGTG	917	923	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	G-box	CACGAC	922	928	cis-acting regulatory element involved in light responsiveness
TaLTPg1.4	GT1-motif	GGTTAA	600	606	light responsive element
TaLTPg1.4	GT1-motif	GGTTAA	617	623	light responsive element
TaLTPg1.4	I-box	gGATAAGGTG	327	336	part of a light responsive element
TaLTPg1.4	MBS	CAACTG	909	915	MYB binding site involved in drought-inducibility
TaLTPg1.4	MBS	CAACTG	1141	1147	MYB binding site involved in drought-inducibility
TaLTPg1.4	RY-element	CATGCATG	424	432	cis-acting regulatory element involved in seed-specific regulation
TaLTPg1.4	RY-element	CATGCATG	428	436	cis-acting regulatory element involved in seed-specific regulation
TaLTPg1.4	RY-element	CATGCATG	696	704	cis-acting regulatory element involved in seed-specific regulation
TaLTPg1.4	RY-element	CATGCATG	890	898	cis-acting regulatory element involved in seed-specific regulation
TaLTPg1.4	TATA-box	TATA	990	994	core promoter element around -30 of transcription start
TaLTPg1.4	TATA-box	TATTTAAA	1295	1303	core promoter element around -30 of transcription start
TaLTPg1.4	TATA-box	TATA	1348	1352	core promoter element around -30 of transcription start

TaLTPg1.4	TATA-box	TATATA	1434	1440	core promoter element around -30 of transcription start
TaLTPg1.4	TATA-box	TATA	1436	1440	core promoter element around -30 of transcription start
TaLTPg1.4	TATA-box	taTATAAAAtc	1453	1462	core promoter element around -30 of transcription start
TaLTPg1.4	TATA-box	TATA	1487	1491	core promoter element around -30 of transcription start
TaLTPg1.4	TCA-element	CCATCTTTTT	621	630	cis-acting element involved in salicylic acid responsiveness
TaLTPg1.4	TCCC-motif	TCTCCCT	1044	1051	part of a light responsive element
TaLTPg1.4	TCCC-motif	TCTCCCT	1077	1084	part of a light responsive element
TaLTPg1.4	TGACG-motif	TGACG	38	43	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	TGACG-motif	TGACG	137	142	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	TGACG-motif	TGACG	152	157	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	TGACG-motif	TGACG	789	794	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	TGACG-motif	TGACG	932	937	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg1.4	TGA-element	AACGAC	1129	1135	auxin-responsive element
TaLTPg2.1	A-box	CCGTCC	676	682	cis-acting regulatory element
TaLTPg2.1	ABRE	ACGTG	224	229	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.1	ABRE	ACGTG	445	450	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.1	ABRE	ACGTG	504	509	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.1	ABRE	ACGTG	515	520	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.1	ABRE	ACGTG	613	618	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.1	ACE	CTAACGTATT	116	125	cis-acting element involved in light responsiveness
TaLTPg2.1	ARE	AAACCA	176	182	cis-acting regulatory element essential for the anaerobic induction
TaLTPg2.1	CGTCA-motif	CGTCA	325	330	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg2.1	G-box	TACGTG	224	230	cis-acting regulatory element involved in light responsiveness
TaLTPg2.1	G-box	CACGTC	444	450	cis-acting regulatory element involved in light responsiveness
TaLTPg2.1	G-box	CACGTC	504	510	cis-acting regulatory element involved in light responsiveness
TaLTPg2.1	G-box	CACGTC	515	521	cis-acting regulatory element involved in light responsiveness
TaLTPg2.1	G-box	CACGTC	612	618	cis-acting regulatory element involved in light responsiveness
TaLTPg2.1	O2-site	GATGATGTGG	165	174	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg2.1	O2-site	GATGATGTGG	368	377	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg2.1	Sp1	GGGCGG	278	284	light responsive element
TaLTPg2.1	TATA-box	TATA	2	6	core promoter element around -30 of transcription start
TaLTPg2.1	TGACG-motif	TGACG	325	330	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg2.4	A-box	CCGTCC	471	477	cis-acting regulatory element
TaLTPg2.4	ABRE	ACGTG	22	27	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.4	ABRE	ACGTG	237	242	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.4	ABRE	ACGTG	296	301	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.4	ABRE	ACGTG	307	312	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.4	CCAAT-box	CAACGG	47	53	MYBHv1 binding site
TaLTPg2.4	CGTCA-motif	CGTCA	117	122	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg2.4	G-box	TACGTG	22	28	cis-acting regulatory element involved in light responsiveness
TaLTPg2.4	G-box	CACGTC	236	242	cis-acting regulatory element involved in light responsiveness
TaLTPg2.4	G-box	CACGTC	296	302	cis-acting regulatory element involved in light responsiveness
TaLTPg2.4	G-box	CACGTC	307	313	cis-acting regulatory element involved in light responsiveness
TaLTPg2.4	O2-site	GATGATGTGG	160	169	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg2.4	Sp1	GGGCGG	70	76	light responsive element
TaLTPg2.4	TGACG-motif	TGACG	117	122	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg2.6	ABRE	ACGTG	240	245	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.6	ABRE	ACGTG	299	304	cis-acting element involved in the abscisic acid responsiveness
TaLTPg2.6	ABRE	ACGTG	310	315	cis-acting element involved in the abscisic acid responsiveness

TaLTPg2.6	CGTCA-motif	CGTCA	336	341	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg2.6	G-box	CACGTC	239	245	cis-acting regulatory element involved in light responsiveness
TaLTPg2.6	G-box	CACGTC	299	305	cis-acting regulatory element involved in light responsiveness
TaLTPg2.6	G-box	CACGTC	310	316	cis-acting regulatory element involved in light responsiveness
TaLTPg2.6	O2-site	GATGATGTGG	163	172	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg2.6	Sp1	GGGCGG	203	209	light responsive element
TaLTPg2.6	TGACG-motif	TGACG	336	341	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.1	A-box	CCGTCC	465	471	cis-acting regulatory element
TaLTPg3.1	ABRE	ACGTG	88	93	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.1	ABRE	ACGTG	278	283	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.1	Box 4	ATTAAT	211	217	part of a conserved DNA module involved in light responsiveness
TaLTPg3.1	CAT-box	GCCACT	291	297	cis-acting regulatory element related to meristem expression
TaLTPg3.1	CGTCA-motif	CGTCA	320	325	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.1	CGTCA-motif	CGTCA	362	367	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.1	G-box	CACGTC	88	94	cis-acting regulatory element involved in light responsiveness
TaLTPg3.1	G-box	CACGTC	277	283	cis-acting regulatory element involved in light responsiveness
TaLTPg3.1	G-box	CACGAC	457	463	cis-acting regulatory element involved in light responsiveness
TaLTPg3.1	GC-motif	CCCCCG	309	315	enhancer-like element involved in anoxic specific inducibility
TaLTPg3.1	MBS	CAACTG	298	304	MYB binding site involved in drought-inducibility
TaLTPg3.1	Sp1	GGGCGG	608	614	light responsive element
TaLTPg3.1	TGACG-motif	TGACG	320	325	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.1	TGACG-motif	TGACG	362	367	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	ABRE	ACGTG	79	84	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.10	ABRE	ACGTG	164	169	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.10	ABRE	ACGTG	224	229	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.10	ARE	AAACCA	873	879	cis-acting regulatory element essential for the anaerobic induction
TaLTPg3.10	ATC-motif	AGTAATCT	666	674	part of a conserved DNA module involved in light responsiveness
TaLTPg3.10	AuxRR-core	GGTCCAT	496	503	cis-acting regulatory element involved in auxin responsiveness
TaLTPg3.10	CAAT-box	CAAAT	410	415	common cis-acting element in promoter and enhancer regions
TaLTPg3.10	CAAT-box	CAAAT	585	590	common cis-acting element in promoter and enhancer regions
TaLTPg3.10	CAAT-box	CAAAT	629	634	common cis-acting element in promoter and enhancer regions
TaLTPg3.10	CAT-box	GCCACT	1290	1296	cis-acting regulatory element related to meristem expression
TaLTPg3.10	CGTCA-motif	CGTCA	285	290	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	CGTCA-motif	CGTCA	923	928	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	CGTCA-motif	CGTCA	939	944	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	CGTCA-motif	CGTCA	1172	1177	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	CGTCA-motif	CGTCA	1240	1245	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	G-box	CACGTC	79	85	cis-acting regulatory element involved in light responsiveness
TaLTPg3.10	G-box	TACGTG	163	169	cis-acting regulatory element involved in light responsiveness
TaLTPg3.10	G-box	CACGAC	201	207	cis-acting regulatory element involved in light responsiveness
TaLTPg3.10	G-box	CACGTC	223	229	cis-acting regulatory element involved in light responsiveness
TaLTPg3.10	G-box	CACGAC	526	532	cis-acting regulatory element involved in light responsiveness
TaLTPg3.10	GC-motif	CCCCCG	1229	1235	enhancer-like element involved in anoxic specific inducibility
TaLTPg3.10	GT1-motif	GGTTAA	756	762	light responsive element
TaLTPg3.10	O2-site	GATGACATGG	1249	1258	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg3.10	Sp1	GGGCGG	267	273	light responsive element
TaLTPg3.10	TATA-box	TATAA	689	694	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	TATA	690	694	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	ATATAT	1042	1048	core promoter element around -30 of transcription start

TaLTPg3.10	TATA-box	TATA	1043	1047	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	ATATAT	1078	1084	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	TATA	1079	1083	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	ATATAT	1113	1119	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	TATATA	1114	1120	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	ATATAA	1115	1121	core promoter element around -30 of transcription start
TaLTPg3.10	TATA-box	TATA	1116	1120	core promoter element around -30 of transcription start
TaLTPg3.10	TCA-element	TCAGAAGAGG	1026	1035	cis-acting element involved in salicylic acid responsiveness
TaLTPg3.10	TGACG-motif	TGACG	285	290	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	TGACG-motif	TGACG	923	928	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	TGACG-motif	TGACG	939	944	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	TGACG-motif	TGACG	1172	1177	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.10	TGACG-motif	TGACG	1240	1245	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	A-box	CCGTCC	303	309	cis-acting regulatory element
TaLTPg3.16	ABRE	CGTACGTGCA	507	516	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.16	ABRE	ACGTG	510	515	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.16	CAAT-box	CAAAT	433	438	common cis-acting element in promoter and enhancer regions
TaLTPg3.16	CAT-box	GCCACT	635	641	cis-acting regulatory element related to meristem expression
TaLTPg3.16	CGTCA-motif	CGTCA	50	55	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	CGTCA-motif	CGTCA	613	618	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	CGTCA-motif	CGTCA	667	672	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	GARE-motif	TCTGTTG	670	677	gibberellin-responsive element
TaLTPg3.16	G-box	CACGAC	425	431	cis-acting regulatory element involved in light responsiveness
TaLTPg3.16	G-box	TACGTG	509	515	cis-acting regulatory element involved in light responsiveness
TaLTPg3.16	GC-motif	CCCCCG	123	129	enhancer-like element involved in anoxic specific inducibility
TaLTPg3.16	Sp1	GGGCGG	352	358	light responsive element
TaLTPg3.16	TGACG-motif	TGACG	50	55	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	TGACG-motif	TGACG	613	618	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	TGACG-motif	TGACG	667	672	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.16	TGA-element	AACGAC	6	12	auxin-responsive element
TaLTPg3.16	TGA-element	AACGAC	398	404	auxin-responsive element
TaLTPg3.23	A-box	CCGTCC	303	309	cis-acting regulatory element
TaLTPg3.23	ABRE	CGTACGTGCA	496	505	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.23	ABRE	CGTACGTGCA	500	509	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.23	ABRE	ACGTG	503	508	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.23	CAAT-box	CAAAT	523	528	common cis-acting element in promoter and enhancer regions
TaLTPg3.23	CAT-box	GCCACT	628	634	cis-acting regulatory element related to meristem expression
TaLTPg3.23	CGTCA-motif	CGTCA	150	155	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	CGTCA-motif	CGTCA	564	569	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	CGTCA-motif	CGTCA	606	611	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	CGTCA-motif	CGTCA	660	665	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	GARE-motif	TCTGTTG	663	670	gibberellin-responsive element
TaLTPg3.23	G-box	CACGAC	423	429	cis-acting regulatory element involved in light responsiveness
TaLTPg3.23	G-box	TACGTG	502	508	cis-acting regulatory element involved in light responsiveness
TaLTPg3.23	GC-motif	CCCCCG	123	129	enhancer-like element involved in anoxic specific inducibility
TaLTPg3.23	Sp1	GGGCGG	352	358	light responsive element
TaLTPg3.23	TATA-box	TACAAAA	529	536	core promoter element around -30 of transcription start
TaLTPg3.23	TGACG-motif	TGACG	150	155	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	TGACG-motif	TGACG	564	569	cis-acting regulatory element involved in the MeJA-responsiveness

TaLTPg3.23	TGACG-motif	TGACG	606	611	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.23	TGACG-motif	TGACG	660	665	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	ABRE	ACGTG	61	66	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.9	ABRE	ACGTG	146	151	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.9	ABRE	ACGTG	206	211	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.9	ABRE	ACGTG	1077	1082	cis-acting element involved in the abscisic acid responsiveness
TaLTPg3.9	ARE	AAACCA	783	789	cis-acting regulatory element essential for the anaerobic induction
TaLTPg3.9	ARE	AAACCA	1448	1454	cis-acting regulatory element essential for the anaerobic induction
TaLTPg3.9	ATC-motif	AGTAATCT	637	645	part of a conserved DNA module involved in light responsiveness
TaLTPg3.9	AuxRR-core	GGTCCAT	473	480	cis-acting regulatory element involved in auxin responsiveness
TaLTPg3.9	CAAT-box	CAAAT	387	392	common cis-acting element in promoter and enhancer regions
TaLTPg3.9	CAAT-box	CAAAT	606	611	common cis-acting element in promoter and enhancer regions
TaLTPg3.9	CGTCA-motif	CGTCA	267	272	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	CGTCA-motif	CGTCA	627	632	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	CGTCA-motif	CGTCA	806	811	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	CGTCA-motif	CGTCA	849	854	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	G-box	CACGTC	61	67	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	G-box	TACGTG	145	151	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	G-box	CACGAC	183	189	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	G-box	CACGTC	205	211	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	G-box	CACGAC	503	509	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	G-box	TACGTG	1077	1083	cis-acting regulatory element involved in light responsiveness
TaLTPg3.9	LTR	CCGAAA	1044	1050	cis-acting element involved in low-temperature responsiveness
TaLTPg3.9	MBS	CAACTG	684	690	MYB binding site involved in drought-inducibility
TaLTPg3.9	MBS	CAACTG	729	735	MYB binding site involved in drought-inducibility
TaLTPg3.9	TATA-box	TATAAGAA	435	443	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATAA	438	443	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	439	443	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATAA	660	665	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	661	665	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATAA	705	710	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	706	710	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	842	846	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	ATATAT	957	963	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	958	962	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATACA	981	987	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	983	987	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	ATTATA	1104	1110	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATAA	1105	1110	core promoter element around -30 of transcription start
TaLTPg3.9	TATA-box	TATA	1106	1110	core promoter element around -30 of transcription start
TaLTPg3.9	TGACG-motif	TGACG	267	272	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	TGACG-motif	TGACG	627	632	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	TGACG-motif	TGACG	806	811	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	TGACG-motif	TGACG	849	854	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg3.9	TGA-element	AACGAC	1155	1161	auxin-responsive element
TaLTPg4.1	ARE	AAACCA	858	864	cis-acting regulatory element essential for the anaerobic induction
TaLTPg4.1	ARE	AAACCA	1215	1221	cis-acting regulatory element essential for the anaerobic induction
TaLTPg4.1	ATCT-motif	AATCTAATCC	1418	1427	part of a conserved DNA module involved in light responsiveness
TaLTPg4.1	Box 4	ATTAAT	724	730	part of a conserved DNA module involved in light responsiveness

TaLTPg4.1	Box 4	ATTAAT	728	734	part of a conserved DNA module involved in light responsiveness
TaLTPg4.1	CAAT-box	CAAAT	25	30	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	85	90	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CCAAT	213	218	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	TGCCAAC	380	387	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	TGCCAAC	442	449	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	542	547	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	609	614	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	785	790	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	837	842	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CCAAT	856	861	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	948	953	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	1039	1044	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	1126	1131	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CCAAT	1277	1282	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	1362	1367	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CAAAT	1371	1376	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CAAT-box	CCAAT	1470	1475	common cis-acting element in promoter and enhancer regions
TaLTPg4.1	CCAAT-box	CAACGG	42	48	MYBHv1 binding site
TaLTPg4.1	CGTCA-motif	CGTCA	505	510	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.1	CGTCA-motif	CGTCA	1267	1272	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.1	CGTCA-motif	CGTCA	1489	1494	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.1	MBS	CAACTG	76	82	MYB binding site involved in drought-inducibility
TaLTPg4.1	MBS	CAACTG	274	280	MYB binding site involved in drought-inducibility
TaLTPg4.1	Sp1	GGGCGG	574	580	light responsive element
TaLTPg4.1	TATA-box	ATATAT	488	494	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATATA	489	495	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATA	491	495	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATA	742	746	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	taTATAAAtc	757	766	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATTTAAA	759	767	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	ATATAA	764	770	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATA	765	769	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATATA	1029	1035	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATA	1031	1035	core promoter element around -30 of transcription start
TaLTPg4.1	TATA-box	TATA	1449	1453	core promoter element around -30 of transcription start
TaLTPg4.1	TGACG-motif	TGACG	505	510	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.1	TGACG-motif	TGACG	1267	1272	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.1	TGACG-motif	TGACG	1489	1494	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.14	ARE	AAACCA	1361	1367	cis-acting regulatory element essential for the anaerobic induction
TaLTPg4.14	CAAT-box	CAAAT	58	63	common cis-acting element in promoter and enhancer regions
TaLTPg4.14	CAAT-box	CCAAT	401	406	common cis-acting element in promoter and enhancer regions
TaLTPg4.14	CAAT-box	CAAAT	482	487	common cis-acting element in promoter and enhancer regions
TaLTPg4.14	CAAT-box	CAAAT	494	499	common cis-acting element in promoter and enhancer regions
TaLTPg4.14	CCAAT-box	CAACGG	194	200	MYBHv1 binding site
TaLTPg4.14	MBS	CAACTG	120	126	MYB binding site involved in drought-inducibility
TaLTPg4.14	MBS	CAACTG	512	518	MYB binding site involved in drought-inducibility
TaLTPg4.14	MBS	CAACTG	596	602	MYB binding site involved in drought-inducibility
TaLTPg4.14	TATA-box	ATATAT	1333	1339	core promoter element around -30 of transcription start

TaLTPg4.14	TATA-box	TATA	1334	1338	core promoter element around -30 of transcription start
TaLTPg4.14	TGA-element	AACGAC	1368	1374	auxin-responsive element
TaLTPg4.2	CAAT-box	CAAAT	31	36	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CCAAT	246	251	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CCAAT	264	269	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CAAAT	336	341	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CCAAT	358	363	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CCAAT	366	371	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CCAAT	428	433	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	CAAT-box	CAAAT	447	452	common cis-acting element in promoter and enhancer regions
TaLTPg4.2	G-box	CACGAC	70	76	cis-acting regulatory element involved in light responsiveness
TaLTPg4.2	TATA-box	TATA	386	390	core promoter element around -30 of transcription start
TaLTPg4.3	A-box	CCGTCC	136	142	cis-acting regulatory element
TaLTPg4.3	A-box	CCGTCC	456	462	cis-acting regulatory element
TaLTPg4.3	ABRE	ACGTG	431	436	cis-acting element involved in the abscisic acid responsiveness
TaLTPg4.3	ABRE	GCAACGTGTC	524	533	cis-acting element involved in the abscisic acid responsiveness
TaLTPg4.3	ABRE	ACGTG	526	531	cis-acting element involved in the abscisic acid responsiveness
TaLTPg4.3	ARE	AAACCA	212	218	cis-acting regulatory element essential for the anaerobic induction
TaLTPg4.3	AuxRR-core	GGTCCAT	771	778	cis-acting regulatory element involved in auxin responsiveness
TaLTPg4.3	CAAT-box	CCAAT	17	22	common cis-acting element in promoter and enhancer regions
TaLTPg4.3	CAAT-box	CCAAT	164	169	common cis-acting element in promoter and enhancer regions
TaLTPg4.3	CAAT-box	CAAAT	174	179	common cis-acting element in promoter and enhancer regions
TaLTPg4.3	CAAT-box	CCAAT	215	220	common cis-acting element in promoter and enhancer regions
TaLTPg4.3	CAAT-box	CAAAT	364	369	common cis-acting element in promoter and enhancer regions
TaLTPg4.3	CCAAT-box	CAACGG	623	629	MYBHv1 binding site
TaLTPg4.3	CGTCA-motif	CGTCA	121	126	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.3	CGTCA-motif	CGTCA	160	165	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.3	CGTCA-motif	CGTCA	489	494	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.3	G-Box	CACGTT	526	532	cis-acting regulatory element involved in light responsiveness
TaLTPg4.3	G-box	CACGTC	430	436	cis-acting regulatory element involved in light responsiveness
TaLTPg4.3	G-box	CACGAC	686	692	cis-acting regulatory element involved in light responsiveness
TaLTPg4.3	GC-motif	CCCCCG	291	297	enhancer-like element involved in anoxic specific inducibility
TaLTPg4.3	GC-motif	CCCCCG	617	623	enhancer-like element involved in anoxic specific inducibility
TaLTPg4.3	LTR	CCGAAA	419	425	cis-acting element involved in low-temperature responsiveness
TaLTPg4.3	TCT-motif	TCTTAC	281	287	part of a light responsive element
TaLTPg4.3	TGACG-motif	TGACG	121	126	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.3	TGACG-motif	TGACG	160	165	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.3	TGACG-motif	TGACG	489	494	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.7	ARE	AAACCA	1009	1015	cis-acting regulatory element essential for the anaerobic induction
TaLTPg4.7	CAAT-box	CAAAT	96	101	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CAAT-box	CCAAT	234	239	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CAAT-box	CCAAT	442	447	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CAAT-box	CAAAT	493	498	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CAAT-box	CAAAT	505	510	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CAAT-box	CAAAT	933	938	common cis-acting element in promoter and enhancer regions
TaLTPg4.7	CGTCA-motif	CGTCA	21	26	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.7	CGTCA-motif	CGTCA	700	705	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.7	GTGGC-motif	GATTCTGTGGC	192	202	part of a light responsive element
TaLTPg4.7	MBS	CAACTG	158	164	MYB binding site involved in drought-inducibility

TaLTPg4.7	MBS	CAACTG	520	526	MYB binding site involved in drought-inducibility
TaLTPg4.7	MBS	CAACTG	838	844	MYB binding site involved in drought-inducibility
TaLTPg4.7	O2-site	GATGATGTGG	433	442	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg4.7	RY-element	CATGCATG	530	538	cis-acting regulatory element involved in seed-specific regulation
TaLTPg4.7	TATA-box	TATA	2	6	core promoter element around -30 of transcription start
TaLTPg4.7	TATA-box	ATATAT	981	987	core promoter element around -30 of transcription start
TaLTPg4.7	TATA-box	TATA	982	986	core promoter element around -30 of transcription start
TaLTPg4.7	TGACG-motif	TGACG	21	26	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.7	TGACG-motif	TGACG	700	705	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg4.7	TGA-element	AACGAC	1016	1022	auxin-responsive element
TaLTPg5.3	ABRE	GCCGCGTGCC	74	84	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	ACGTG	141	146	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	ACGTG	209	214	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	CACGTG	222	228	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	ACGTG	223	228	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	GCCGCGTGCC	700	709	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	CGTACGTGCA	871	881	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	ACGTG	873	878	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	CGCACGTGTC	985	994	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	CACGTG	987	993	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ABRE	ACGTG	988	993	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.3	ATCT-motif	AATCTAATCC	586	595	part of a conserved DNA module involved in light responsiveness
TaLTPg5.3	Box 4	ATTAAT	368	374	part of a conserved DNA module involved in light responsiveness
TaLTPg5.3	CAAT-box	CAAAT	584	589	common cis-acting element in promoter and enhancer regions
TaLTPg5.3	CAAT-box	CAAAT	589	594	common cis-acting element in promoter and enhancer regions
TaLTPg5.3	CAAT-box	CAAAT	625	630	common cis-acting element in promoter and enhancer regions
TaLTPg5.3	CAT-box	GCCACT	275	281	cis-acting regulatory element related to meristem expression
TaLTPg5.3	G-Box	CACGTT	208	214	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-Box	CACGTG	222	228	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-Box	CACGTG	987	993	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-box	TACGTG	141	147	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-box	CACGTG	222	228	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-box	TACGTG	873	879	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	G-box	CACGTG	987	993	cis-acting regulatory element involved in light responsiveness
TaLTPg5.3	GC-motif	CCCCCG	963	969	enhancer-like element involved in anoxic specific inducibility
TaLTPg5.3	MBS	CAACTG	431	437	MYB binding site involved in drought-inducibility
TaLTPg5.3	Sp1	GGGCGG	690	696	light responsive element
TaLTPg5.3	TATA-box	TATATA	150	156	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	ATATAT	151	157	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATA	152	156	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATA	174	178	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	taTATAAAAtc	319	328	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATAAAT	320	327	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATAAA	321	327	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATATAA	322	329	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATATA	323	329	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	ATATAT	324	330	core promoter element around -30 of transcription start
TaLTPg5.3	TATA-box	TATA	325	329	core promoter element around -30 of transcription start
TaLTPg5.3	TATC-box	TATCCCA	554	561	cis-acting element involved in gibberellin-responsiveness

TaLTPg5.3	TCCC-motif	TCTCCCT	507	514	part of a light responsive element
TaLTPg5.4	A-box	CCGTCC	295	301	cis-acting regulatory element
TaLTPg5.4	ABRE	AACCCGG	183	190	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.4	ABRE	CGTACGTGCA	237	246	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.4	ABRE	ACGTG	240	245	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.4	ARE	AAACCA	1030	1036	cis-acting regulatory element essential for the anaerobic induction
TaLTPg5.4	Box 4	ATTAAT	979	985	part of a conserved DNA module involved in light responsiveness
TaLTPg5.4	Box 4	ATTAAT	1020	1026	part of a conserved DNA module involved in light responsiveness
TaLTPg5.4	CAAT-box	CCAAT	701	706	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CAAAT	781	786	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CAAAT	868	873	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CCAAT	987	992	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CCAAT	1078	1083	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CAAAT	1087	1092	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CAAAT	1395	1400	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CAAT-box	CAAAT	1457	1462	common cis-acting element in promoter and enhancer regions
TaLTPg5.4	CGTCA-motif	CGTCA	682	687	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.4	G-box	TACGTG	239	245	cis-acting regulatory element involved in light responsiveness
TaLTPg5.4	LTR	CCGAAA	512	518	cis-acting element involved in low-temperature responsiveness
TaLTPg5.4	LTR	CCGAAA	526	532	cis-acting element involved in low-temperature responsiveness
TaLTPg5.4	MRE	AACCTAA	789	796	MYB binding site involved in light responsiveness
TaLTPg5.4	RY-element	CATGCATG	964	972	cis-acting regulatory element involved in seed-specific regulation
TaLTPg5.4	Sp1	GGGCGG	422	428	light responsive element
TaLTPg5.4	TATA-box	TATAA	575	580	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATA	576	580	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATAAA	819	825	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATAA	820	825	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATA	821	825	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATAAAA	854	861	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATAAA	855	861	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATAA	856	861	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATA	857	861	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TACAAAA	1043	1050	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	ATATAA	1103	1109	core promoter element around -30 of transcription start
TaLTPg5.4	TATA-box	TATA	1104	1108	core promoter element around -30 of transcription start
TaLTPg5.4	TC-rich repeats	GTTTTCTTAC	1004	1013	cis-acting element involved in defense and stress responsiveness
TaLTPg5.4	TCT-motif	TCTTAC	1204	1210	part of a light responsive element
TaLTPg5.4	TGACG-motif	TGACG	682	687	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.5	A-box	CCGTCC	396	402	cis-acting regulatory element
TaLTPg5.5	A-box	CCGTCC	1328	1334	cis-acting regulatory element
TaLTPg5.5	ABRE	CGTACGTGCA	338	347	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.5	ABRE	ACGTG	341	346	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.5	ABRE	TACGGTC	778	785	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.5	AuxRR-core	GGTCCAT	22	29	cis-acting regulatory element involved in auxin responsiveness
TaLTPg5.5	CAAT-box	CCAAT	736	741	common cis-acting element in promoter and enhancer regions
TaLTPg5.5	CAAT-box	CAAAT	1225	1230	common cis-acting element in promoter and enhancer regions
TaLTPg5.5	CAG-motif	GAAAGGCAGAC	626	636	part of a light response element
TaLTPg5.5	CAT-box	GCCACT	879	885	cis-acting regulatory element related to meristem expression
TaLTPg5.5	CCAAT-box	CAACGG	53	59	MYBHv1 binding site

TaLTPg5.5	GATA-motif	GATAGGG	1256	1263	part of a light responsive element
TaLTPg5.5	G-box	TACGTG	340	346	cis-acting regulatory element involved in light responsiveness
TaLTPg5.5	GC-motif	CCCCCG	1350	1356	enhancer-like element involved in anoxic specific inducibility
TaLTPg5.5	LTR	CCGAAA	28	34	cis-acting element involved in low-temperature responsiveness
TaLTPg5.5	MRE	AACCTAA	795	802	MYB binding site involved in light responsiveness
TaLTPg5.5	Sp1	GGGCGG	1389	1395	light responsive element
TaLTPg5.5	TATA-box	TATATA	75	81	core promoter element around -30 of transcription start
TaLTPg5.5	TATA-box	ATATAT	76	82	core promoter element around -30 of transcription start
TaLTPg5.5	TATA-box	TATATA	77	83	core promoter element around -30 of transcription start
TaLTPg5.5	TATA-box	TATA	79	83	core promoter element around -30 of transcription start
TaLTPg5.5	TATA-box	ATATAT	1113	1119	core promoter element around -30 of transcription start
TaLTPg5.5	TATA-box	TATA	1114	1118	core promoter element around -30 of transcription start
TaLTPg5.5	TCCC-motif	TCTCCCT	1100	1107	part of a light responsive element
TaLTPg5.7	A-box	CCGTCC	300	306	cis-acting regulatory element
TaLTPg5.7	A-box	CCGTCC	571	577	cis-acting regulatory element
TaLTPg5.7	ABRE	CGCACGTGTC	137	146	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.7	ABRE	CGTACGTGCA	230	239	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.7	ABRE	ACGTG	233	238	cis-acting element involved in the abscisic acid responsiveness
TaLTPg5.7	ACE	GCGACGTACC	1076	1085	cis-acting element involved in light responsiveness
TaLTPg5.7	ARE	AAACCA	41	47	cis-acting regulatory element essential for the anaerobic induction
TaLTPg5.7	ARE	AAACCA	937	943	cis-acting regulatory element essential for the anaerobic induction
TaLTPg5.7	CAAT-box	CAAAT	537	542	common cis-acting element in promoter and enhancer regions
TaLTPg5.7	CAAT-box	CAAAT	904	909	common cis-acting element in promoter and enhancer regions
TaLTPg5.7	CGTCA-motif	CGTCA	227	232	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	CGTCA-motif	CGTCA	254	259	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	CGTCA-motif	CGTCA	363	368	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	CGTCA-motif	CGTCA	482	487	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	CGTCA-motif	CGTCA	597	602	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	CGTCA-motif	CGTCA	1053	1058	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	G-box	TACGTG	232	238	cis-acting regulatory element involved in light responsiveness
TaLTPg5.7	G-box	CACGAC	295	301	cis-acting regulatory element involved in light responsiveness
TaLTPg5.7	GC-motif	CCCCCG	475	481	enhancer-like element involved in anoxic specific inducibility
TaLTPg5.7	MBS	CAACTG	658	664	MYB binding site involved in drought-inducibility
TaLTPg5.7	MBS	CAACTG	729	735	MYB binding site involved in drought-inducibility
TaLTPg5.7	O2-site	GATGACATGG	652	661	cis-acting regulatory element involved in zein metabolism regulation
TaLTPg5.7	Sp1	GGGCGG	122	128	light responsive element
TaLTPg5.7	Sp1	GGGCGG	333	339	light responsive element
TaLTPg5.7	Sp1	GGGCGG	415	421	light responsive element
TaLTPg5.7	Sp1	GGGCGG	462	468	light responsive element
TaLTPg5.7	TATA-box	TATA	502	506	core promoter element around -30 of transcription start
TaLTPg5.7	TATA-box	ATTATA	834	840	core promoter element around -30 of transcription start
TaLTPg5.7	TATA-box	TATAA	835	840	core promoter element around -30 of transcription start
TaLTPg5.7	TATA-box	TATA	836	840	core promoter element around -30 of transcription start
TaLTPg5.7	TGACG-motif	TGACG	227	232	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	TGACG-motif	TGACG	254	259	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	TGACG-motif	TGACG	363	368	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	TGACG-motif	TGACG	482	487	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	TGACG-motif	TGACG	597	602	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg5.7	TGACG-motif	TGACG	1053	1058	cis-acting regulatory element involved in the MeJA-responsiveness

TaLTPg6.1	ATC-motif	TGCTATCCA	218	227	part of a conserved DNA module involved in light responsiveness
TaLTPg6.1	ATC-motif	TGCTATCCA	384	393	part of a conserved DNA module involved in light responsiveness
TaLTPg6.1	CAAT-box	CAAAT	625	630	common cis-acting element in promoter and enhancer regions
TaLTPg6.1	CGTCA-motif	CGTCA	471	476	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.1	CGTCA-motif	CGTCA	511	516	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.1	L-box	ATCCACCTAC	357	367	part of a light responsive element
TaLTPg6.1	MBS	CAACTG	56	62	MYB binding site involved in drought-inducibility
TaLTPg6.1	TATA-box	taTATAAAg	1	10	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATAAA	2	8	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATATAA	3	10	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATATA	4	10	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATA	6	10	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATA	12	16	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATA	50	54	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATACA	393	399	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATA	395	399	core promoter element around -30 of transcription start
TaLTPg6.1	TATA-box	TATA	539	543	core promoter element around -30 of transcription start
TaLTPg6.1	TGACG-motif	TGACG	471	476	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.1	TGACG-motif	TGACG	511	516	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.11	ABRE	AACCCGG	328	335	cis-acting element involved in the abscisic acid responsiveness
TaLTPg6.11	CAAT-box	CCAAT	55	60	common cis-acting element in promoter and enhancer regions
TaLTPg6.11	I-box	gGATAAGGTG	412	421	part of a light responsive element
TaLTPg6.11	Pc-CMA2c	GCCCACGCA	175	184	part of a light responsive element
TaLTPg6.11	TGA-element	AACGAC	241	247	auxin-responsive element
TaLTPg6.15	CAAT-box	CCAAT	249	254	common cis-acting element in promoter and enhancer regions
TaLTPg6.15	CAAT-box	CAAAT	301	306	common cis-acting element in promoter and enhancer regions
TaLTPg6.15	CAAT-box	CAAAT	367	372	common cis-acting element in promoter and enhancer regions
TaLTPg6.15	CAAT-box	CAAAT	396	401	common cis-acting element in promoter and enhancer regions
TaLTPg6.16	A-box	CCGTCC	135	141	cis-acting regulatory element
TaLTPg6.16	ARE	AAACCA	107	113	cis-acting regulatory element essential for the anaerobic induction
TaLTPg6.16	CAAT-box	CAAAT	51	56	common cis-acting element in promoter and enhancer regions
TaLTPg6.16	CAAT-box	CAAAT	80	85	common cis-acting element in promoter and enhancer regions
TaLTPg6.16	CAAT-box	CAAAT	146	151	common cis-acting element in promoter and enhancer regions
TaLTPg6.16	MBS	CAACTG	32	38	MYB binding site involved in drought-inducibility
TaLTPg6.6	ABRE	GCCGCGTGCC	318	327	cis-acting element involved in the abscisic acid responsiveness
TaLTPg6.6	ARE	AAACCA	285	291	cis-acting regulatory element essential for the anaerobic induction
TaLTPg6.6	CAT-box	GCCACT	367	373	cis-acting regulatory element related to meristem expression
TaLTPg6.6	CGTCA-motif	CGTCA	215	220	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.6	TATA-box	TATA	339	343	core promoter element around -30 of transcription start
TaLTPg6.6	TGACG-motif	TGACG	215	220	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg6.6	TGA-element	AACGAC	312	318	auxin-responsive element
TaLTPg7.1	ABRE	ACGTG	278	283	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.1	CAT-box	GCCACT	255	261	cis-acting regulatory element related to meristem expression
TaLTPg7.1	CAT-box	GCCACT	327	333	cis-acting regulatory element related to meristem expression
TaLTPg7.1	CGTCA-motif	CGTCA	483	488	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.1	GARE-motif	TCTGTTG	307	314	gibberellin-responsive element
TaLTPg7.1	G-box	TACGTG	277	283	cis-acting regulatory element involved in light responsiveness
TaLTPg7.1	MBSI	aaaAaaC(G/C)GTTA	57	67.5	MYB binding site involved in flavonoid biosynthetic genes regulation
TaLTPg7.1	Sp1	GGGCGG	247	253	light responsive element

TaLTPg7.1	TATA-box	TATATA	106	112	core promoter element around -30 of transcription start
TaLTPg7.1	TATA-box	ATATAT	107	113	core promoter element around -30 of transcription start
TaLTPg7.1	TATA-box	TATATA	108	114	core promoter element around -30 of transcription start
TaLTPg7.1	TATA-box	TATA	110	114	core promoter element around -30 of transcription start
TaLTPg7.1	TGACG-motif	TGACG	483	488	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.11	A-box	CCGTCC	124	130	cis-acting regulatory element
TaLTPg7.11	CAAT-box	CAAAT	56	61	common cis-acting element in promoter and enhancer regions
TaLTPg7.11	CAAT-box	CCAAT	158	163	common cis-acting element in promoter and enhancer regions
TaLTPg7.11	CAAT-box	CCAAT	488	493	common cis-acting element in promoter and enhancer regions
TaLTPg7.11	CAT-box	GCCACT	504	510	cis-acting regulatory element related to meristem expression
TaLTPg7.11	CGTCA-motif	CGTCA	403	408	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.11	GT1-motif	GGTTAA	359	365	light responsive element
TaLTPg7.11	Sp1	GGGCGG	171	177	light responsive element
TaLTPg7.11	Sp1	GGGCGG	432	438	light responsive element
TaLTPg7.11	Sp1	GGGCGG	465	471	light responsive element
TaLTPg7.11	TATA-box	TATATA	2	8	core promoter element around -30 of transcription start
TaLTPg7.11	TATA-box	ATATAA	3	9	core promoter element around -30 of transcription start
TaLTPg7.11	TATA-box	TATA	4	8	core promoter element around -30 of transcription start
TaLTPg7.11	TCA-element	TCAGAAGAGG	257	266	cis-acting element involved in salicylic acid responsiveness
TaLTPg7.11	TGACG-motif	TGACG	403	408	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.14	A-box	CCGTCC	309	315	cis-acting regulatory element
TaLTPg7.14	ABRE	ACGTG	231	236	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.14	ABRE	GACACGTGGC	375	384	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.14	ABRE	CACGTG	377	383	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.14	ABRE	ACGTG	378	383	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.14	CAAT-box	CAAAT	612	617	common cis-acting element in promoter and enhancer regions
TaLTPg7.14	CGTCA-motif	CGTCA	525	530	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.14	chs-CMA2a	TCACTTGA	601	609	part of a light responsive element
TaLTPg7.14	G-Box	CACGTG	377	383	cis-acting regulatory element involved in light responsiveness
TaLTPg7.14	G-box	TACGTG	230	236	cis-acting regulatory element involved in light responsiveness
TaLTPg7.14	G-box	ACACGTGGC	375	384	cis-acting regulatory element involved in light responsiveness
TaLTPg7.14	G-box	CACGTG	377	383	cis-acting regulatory element involved in light responsiveness
TaLTPg7.14	GC-motif	CCCCCG	486	492	enhancer-like element involved in anoxic specific inducibility
TaLTPg7.14	Sp1	GGGCGG	153	159	light responsive element
TaLTPg7.14	TGACG-motif	TGACG	525	530	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.14	TGA-element	AACGAC	67	73	auxin-responsive element
TaLTPg7.15	A-box	CCGTCC	224	230	cis-acting regulatory element
TaLTPg7.15	ABRE	ACGTG	146	151	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.15	ABRE	CACGTG	292	298	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.15	ABRE	ACGTG	293	298	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.15	Box II	CCACGTGGC	290	299	part of a light responsive element
TaLTPg7.15	CAAT-box	CAAAT	417	422	common cis-acting element in promoter and enhancer regions
TaLTPg7.15	G-Box	CACGTG	292	298	cis-acting regulatory element involved in light responsiveness
TaLTPg7.15	G-box	TACGTG	145	151	cis-acting regulatory element involved in light responsiveness
TaLTPg7.15	G-box	GCCACGTGGA	290	299	cis-acting regulatory element involved in light responsiveness
TaLTPg7.15	G-box	CACGTG	292	298	cis-acting regulatory element involved in light responsiveness
TaLTPg7.15	G-box	CACGAC	320	326	cis-acting regulatory element involved in light responsiveness
TaLTPg7.15	Sp1	GGGCGG	68	74	light responsive element
TaLTPg7.16	ABRE	ACGTG	365	370	cis-acting element involved in the abscisic acid responsiveness

TaLTPg7.16	ABRE	CACGTG	511	517	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.16	ABRE	ACGTG	512	517	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.16	ABRE	ACGTG	540	545	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.16	Box II	CCACGTGGC	509	518	part of a light responsive element
TaLTPg7.16	CAAT-box	CAAAT	37	42	common cis-acting element in promoter and enhancer regions
TaLTPg7.16	CAAT-box	CAAAT	59	64	common cis-acting element in promoter and enhancer regions
TaLTPg7.16	CAAT-box	CAAAT	206	211	common cis-acting element in promoter and enhancer regions
TaLTPg7.16	CGTCA-motif	CGTCA	659	664	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.16	G-Box	CACGTG	511	517	cis-acting regulatory element involved in light responsiveness
TaLTPg7.16	G-box	TACGTG	364	370	cis-acting regulatory element involved in light responsiveness
TaLTPg7.16	G-box	GCCACGTGGA	509	518	cis-acting regulatory element involved in light responsiveness
TaLTPg7.16	G-box	CACGTG	511	517	cis-acting regulatory element involved in light responsiveness
TaLTPg7.16	G-box	CACGTC	539	545	cis-acting regulatory element involved in light responsiveness
TaLTPg7.16	MBS	CAACTG	43	49	MYB binding site involved in drought-inducibility
TaLTPg7.16	Sp1	GGGCGG	287	293	light responsive element
TaLTPg7.16	TGACG-motif	TGACG	659	664	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.16	TGA-element	AACGAC	201	207	auxin-responsive element
TaLTPg7.17	3-AF1 binding site	TAAGAGAGGAA	805	815	light responsive element
TaLTPg7.17	ABRE	ACGTG	101	106	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.17	ABRE	ACGTG	419	424	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.17	ABRE	ACGTG	1425	1430	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.17	ACE	GACACGTATG	734	743	cis-acting element involved in light responsiveness
TaLTPg7.17	ACE	GACACGTATG	738	747	cis-acting element involved in light responsiveness
TaLTPg7.17	ARE	AAACCA	379	385	cis-acting regulatory element essential for the anaerobic induction
TaLTPg7.17	AuxRR-core	GGTCCAT	451	458	cis-acting regulatory element involved in auxin responsiveness
TaLTPg7.17	CAAT-box	CAAAT	14	19	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CAAAT	324	329	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CCAAT	425	430	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CCAAT	447	452	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CAAAT	769	774	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CAAAT	849	854	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	CAAT-box	CCAAT	956	961	common cis-acting element in promoter and enhancer regions
TaLTPg7.17	GATA-motif	GATAGGA	806	813	part of a light responsive element
TaLTPg7.17	G-Box	CACGTT	100	106	cis-acting regulatory element involved in light responsiveness
TaLTPg7.17	G-Box	CACGTT	1425	1431	cis-acting regulatory element involved in light responsiveness
TaLTPg7.17	G-box	TACGTG	418	424	cis-acting regulatory element involved in light responsiveness
TaLTPg7.17	G-box	CACGAC	639	645	cis-acting regulatory element involved in light responsiveness
TaLTPg7.17	GC-motif	CCCCCG	619	625	enhancer-like element involved in anoxic specific inducibility
TaLTPg7.17	MBS	CAACTG	1025	1031	MYB binding site involved in drought-inducibility
TaLTPg7.17	P-box	CCTTTTG	921	928	gibberellin-responsive element
TaLTPg7.17	TATA-box	TATA	794	798	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATTATA	839	845	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATAA	840	845	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	841	845	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	935	939	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATTATA	961	967	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATAA	962	967	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	963	967	core promoter element around -30 of transcription start

TaLTPg7.17	TATA-box	TATATA	1152	1158	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATATAT	1153	1159	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATATA	1154	1160	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	1156	1160	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATATAT	1307	1313	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATATA	1308	1314	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATATAT	1309	1315	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATATA	1310	1316	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	ATATAT	1311	1317	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	1312	1316	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATAAA	1379	1385	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATAA	1380	1385	core promoter element around -30 of transcription start
TaLTPg7.17	TATA-box	TATA	1381	1385	core promoter element around -30 of transcription start
TaLTPg7.17	TCA-element	CCATCTTTTT	1374	1383	cis-acting element involved in salicylic acid responsiveness
TaLTPg7.18	A-box	CCGTCC	140	146	cis-acting regulatory element
TaLTPg7.18	ABRE	ACGTG	13	18	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.18	ABRE	ACGTG	233	238	cis-acting element involved in the abscisic acid responsiveness
TaLTPg7.18	ACE	GACACGTATG	10	19	cis-acting element involved in light responsiveness
TaLTPg7.18	ARE	AAACCA	74	80	cis-acting regulatory element essential for the anaerobic induction
TaLTPg7.18	CAAT-box	CCAAT	271	276	common cis-acting element in promoter and enhancer regions
TaLTPg7.18	CAT-box	GCCACT	224	230	cis-acting regulatory element related to meristem expression
TaLTPg7.18	G-box	TACGTG	12	18	cis-acting regulatory element involved in light responsiveness
TaLTPg7.18	G-box	CACGAC	99	105	cis-acting regulatory element involved in light responsiveness
TaLTPg7.18	G-box	TACGTG	232	238	cis-acting regulatory element involved in light responsiveness
TaLTPg7.18	GC-motif	CCCCCG	397	403	enhancer-like element involved in anoxic specific inducibility
TaLTPg7.18	MBS	CAACTG	324	330	MYB binding site involved in drought-inducibility
TaLTPg7.18	TATA-box	TATATA	2	8	core promoter element around -30 of transcription start
TaLTPg7.18	TATA-box	ATATAT	3	9	core promoter element around -30 of transcription start
TaLTPg7.18	TATA-box	TATATA	4	10	core promoter element around -30 of transcription start
TaLTPg7.18	TATA-box	TATA	6	10	core promoter element around -30 of transcription start
TaLTPg7.3	A-box	CCGTCC	35	41	cis-acting regulatory element
TaLTPg7.3	ACE	GACACGTATG	107	116	cis-acting element involved in light responsiveness
TaLTPg7.3	CGTCA-motif	CGTCA	326	331	cis-acting regulatory element involved in the MeJA-responsiveness
TaLTPg7.3	Sp1	GGGCGG	94	100	light responsive element
TaLTPg7.3	TCA-element	TCAGAAGAGG	180	189	cis-acting element involved in salicylic acid responsiveness
TaLTPg7.3	TGACG-motif	TGACG	326	331	cis-acting regulatory element involved in the MeJA-responsiveness