

Supplemental Table S1. List of overrepresented octamer units in the *AtALMT1* promoter based on the relative appearance rate calculated from microarray datasets.

Position	Octamer	RAR			P-value			Motif*	Predicted <i>Cis</i> region
		6h	24h	stop1	6h	24h	stop1		
-526	GAGGGCAC	2.88	2.41	7.71	0.299	0.346	0.008		
-525	AGGGCACT	1.68	2.8	2.99	0.453	0.166	0.15		A
-524	GGGCACTA	2.34	3.91	2.09	0.353	0.099	0.386		
-361	TCCTACCG	2.08	1.74	3.71	0.387	0.443	0.107	Hbox	B
-360	CCTACCGG	3.88	3.24	6.91	0.234	0.273	0.038		
-320	CCTCACGC	4.54	2.84	1.01	0.014	0.095	0.63		
-319	CTCACGCG	3.31	2.07	0.74	0.037	0.184	0.608	CGCG	
-318	TCACGCGT	2.04	1.71	0.91	0.261	0.332	0.7	CGCG	
-317	CACGCGTC	0.91	0.76	0.81	0.701	0.624	0.653	CGCG	C
-316	ACGCGTCG	1.56	2.61	1.39	0.477	0.185	0.516	CGCG	
-315	CGCGTCGC	2.88	2.41	5.14	0.299	0.346	0.063	CGCG	
-314	GCGTCGCT	2.5	2.08	4.45	0.336	0.387	0.079		
-313	CGTCGCTC	3.46	2.89	1.54	0.119	0.159	0.482		
-301	TAAGGGGA	2.68	3.72	1.59	0.108	0.013	0.363		
-300	AAGGGGAG	1.01	1.69	0.9	0.63	0.336	0.697		
-299	AGGGGAGG	1.14	0.95	2.02	0.588	0.716	0.265		D
-298	GGGGAGGG	3.69	1.54	4.93	0.108	0.483	0.026		
-297	GGGAGGGC	3.63	3.03	3.23	0.248	0.288	0.273		
-285	CTAGTGCC	4.62	1.29	2.75	0.031	0.545	0.171		
-284	TAGTGCCC	1.94	1.62	8.64	0.408	0.466	0		E
-283	AGTGCCCA	2.47	2.06	4.41	0.2	0.259	0.015	GCCCA	
-282	GTGCCCAA	4.93	3.29	1.76	0.004	0.038	0.32	GCCCA	
-270	CTGGGCTA	4.27	2.38	1.27	0.037	0.212	0.549	GCCCA	
-269	TGGGCTAG	0.74	1.85	0.66	0.609	0.227	0.554	GCCCA	
-268	GGGCTAGG	1.65	1.38	1.47	0.458	0.52	0.497		
-267	GGCTAGGT	3.46	2.89	4.63	0.119	0.159	0.031		F
-266	GCTAGGTT	0.73	1.22	1.95	0.603	0.492	0.205		
-265	CTAGGTTC	3.41	0.71	2.28	0.034	0.591	0.152		
-264	TAGGTTCG	1.68	1.4	3.74	0.339	0.422	0.013		
-263	AGGTTCGA	1.01	0.84	3.15	0.592	0.577	0.009		
-257	GACTCCGT	1.44	3.61	2.57	0.504	0.055	0.189		G
-210	TAACCCTG	2.37	1.98	3.16	0.212	0.274	0.075		
-192	GTGCAACG	3.31	3.68	0.98	0.067	0.027	0.729		
-191	TGCAACGC	2.74	2.29	1.22	0.171	0.223	0.562		H
-190	GCAACGCA	4.97	2.49	3.55	0.004	0.126	0.03		

Relative appearance rate in the Al-inducible (fold change >3) and repressed in the stop1 mutant in Al treatment (fold change <2.5) were listed with the RAR values and P value of student's t-test. Red color indicates that the RAR values are above threshold, and the yellow filled columns indicate p<0.05. Predicted cis-regions shown in Fig 5 were also shown.