



Title	Involvement of AtNAP1 in the regulation of chlorophyll degradation in <i>Arabidopsis thaliana</i>
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Citation	Planta, 231(4), 939-949 https://doi.org/10.1007/s00425-010-1099-8
Issue Date	2010-03
Doc URL	https://hdl.handle.net/2115/44896
Rights	The original publication is available at www.springerlink.com
Type	journal article
File Information	SupplementalMaterial-3.pdf, Supplemental Material 3



Involvement of AtNAP1 in the regulation of chlorophyll degradation in *Arabidopsis thaliana*

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Chromosome	Position	Marker type	Marker name	Primer	Sequence	Product size (Col)	Product size (Ler)
CHR4	8610Kbp	SSLP	JAERI-20	Forward	TCCAAATGAGGAATCACTTC	194	158
				Reverse	CCTCGGTCTACCATACAAAG		
CHR4	7971Kbp	SSLP	JAERI-15	Forward	AAC TTGCTTGTGGTTTTTCAT	201	234
				Reverse	CAGCATGAAGCATAAACTGA		
CHR4	7266Kbp	SSLP	JAERI-1	Forward	TGGAAGACATGGGAACAAC T	126	149
				Reverse	GAGCATGAAAGCAGAGGAAT		
CHR4	5629Kbp	SSLP	nga8	Forward	TGGCTTTTCGTTTATAAACATCC	154	198
				Reverse	GAGGGCAAATCTTTATTTCCGG		
CHR4	4826Kbp	CAPS (Aval)	AT4G07990	Forward	GTGTATGGAGTTGCTCGGGA	386,262	648
				Reverse	GACCAGAGAAGAGTATATCCAC		
CHR4	2778Kbp	CAPS (EcoRI)	AT4G05497	Forward	AACACTGGTGTAACCCGAG	462,324	786
				Reverse	GAACTGACGTCATCGATCCT		
CHR4	1645Kbp	SSLP	AT4G03710	Forward	AGCTGCCTACAAAATCTCGTGC	388	293
				Reverse	CATCGGGTTTAATTGGTTGGG		
CHR4	802Kbp	CAPS (Aval)	AT4G01860	Forward	ACCATTGCCATAACTCGGAG	311	205,106
				Reverse	GATTGTCAGTTACGACCACGG		

Online Resource 3 Markers used for fine mapping of the hmc1 mutation

JAERI-1, JAERI-20, JAERI-15 and nga8 are all described in TAIR (<http://www.arabidopsis.org/>).