

Supplemental Table 2. List of oligonucleotides used in this work.

All the oligonucleotides have been designed in this work except where differently indicated.

Primer name	5'-3' sequence	Gene name	Reference
RT-PCR			
Oligo-dT primers			
Right_PolyT_ORTOLAB	CCGGATCTCTAGACGGCCGCTTTTTTTTTTTTTTTTTVN		
RT-PCR Fw primers			
MADS_deg_K98	GGGGTACCAAYMGICARGTIACITAYTCIAAGMGIMG		Kramer et al. 1998
MADS_deg_K04	GGIMGIGGIAARATIGARATIAARMGIAT		Kramer et al. 2004
MADS_deg2_S04	ATGGSIMGIGGIAARATISARAT		Stellari et al. 2004
1left_ORTOLAB	AAGAAGGCVWASGAGYTSWCYG		
2left_ORTOLAB	AAGAAGGCVWASGAGYTSWCYGT		
3left_ORTOLAB	AAGAAGGCVWASGAGYTSWCYGTS		
1left_ORTOLAB	AYAAACTMMRGVAGMAGAWC		
2left_ORTOLAB	AYAAACTMMRGVAGMAGAWCR		

RT-PCR Rev primer

Right_PCR_ORTOLAB	CCGGATCTCTAGACGGCCGCTT
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qPCR primers

Nc_AP1_c1_for	CAGAGGGGGACACTGTGGTA
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NycFL

Nc_AP1_c1_rev	GCTGTGTCTTCCTCAGTCGAA
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Nc_AP3-I_c2_for	AGGTTAGCTGATGACCCTAGAA
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NycAP3-1

Nc_AP3-I_c2_rev	CACACACTGTGCCAGTGAAA
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Nc_AP3-II_c1_for	TGGGCTGTGCAAATCCAACAT
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NycAP3-2

Nc_AP3-II_c1_rev	CTTCTTGTAACCTCCCTGAAACCT
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Nc_AP3-III_for	GATTCTTGATGCAGATAAGGAG
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NycAP3-2

Nc_AP3-III_c2_rev	CACACACTGTGCCAGTGAAA
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Nc_PI_c1_for	AGAGAATGCCTCCAACAGGC
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NycPI

Nc_PI_c1_rev	CATTCGGTCTGCTTCATGCG
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Nc_AG1_c6_for	AGAACGAAAGAGCGGAGCAG
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NycAG1

Nc_AG1_c6_rev	TTGGTGCGAGTATTGGTGGT
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Nc_AG2_c1_for	AGAACACGACTAACCGGCAG
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NycAG2

Nc_AG2_c1_rev	CCCAAGTCGCTCATCCAAGT
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Nc_AG3_5'	CAAGAAGGCGTGCGCTGAAA	<i>NycSTK</i>
Nc_AG3_3'	CTGGTTATGCCCCGCTCTATTTT	
Nc_AGL6_c10_for	AGACTTTGCTGATGGGGCAA	<i>NycAGL6</i>
Nc_AGL6_c10_rev	GGCAGACACGGCCAGTAAT	
Nc_SEP1_c2_for	TTCTGTACTCTGCGATGCCG	<i>NycSEP</i>
Nc_SEP1_c2_rev	AGGACCCAGATCTTCACCGA	

**Cloning of *N. caerulea*
genes for *A. thaliana*
complementation**

ninph001_GW	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGGGAGGGGAAAGATCG	<i>NycAG1</i>
ninph002_GW	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCATCCAAGTTGCAAGGCAG	
ninph003_GW	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCGGGAATTTGGAGAAGATGGGAAG	<i>NycAG2</i>
ninph004_GW	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCTTGGATCCTTCCCAAGTCG	

**Genotyping of *A.*
thaliana transgenic lines**

ninph007	GCTGAAACGAATGCGCAGTA	<i>NycAG1</i>
ninph008	TACTGCGCATTTCGTTTCAGC	
ninph009	AGTGAAATGAGTCACCGAGACC	<i>NycAG2</i>
ninph010	GGTCTCGGTGACTCATTTCACT	

AtP_1805_FW	CTTCACATCATGTGTCACATTAAGTTGC	<i>promAG</i>
AtP_4304_FW	AGAATAGTATCTTTAGGCCAATGAACAAAT	<i>promSHP</i>
AtP_1665_REV_int	GAACTACTCACACATTATTCTGG	<i>T35S</i>

**Transgene expression
quantification**

nymAG1_for	AGAACGAAAGAGCGGAGCAG	<i>NycAG1</i>
nymAG1_rev	TTGGTGCGAGTATTGGTGGT	
nymAG2_for	AGAACACGACTAACCGGCAG	<i>NycAG2</i>
nymAG2_rev	CCCAAGTCGCTCATCCAAGT	
Actin RT 861_for	CTCAGGTATTGCAGACCGTATGAG	<i>Arabidopsis actin8</i>
Actin RT 862_rev	CTGGACCTGCTTCATCATACTCTG	

**Cloning of *N. caerulea*
genes for Y2H assay**

attB1_for_SEP	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAGGATGGGAAGAGGCAGAGT	<i>NycSEP</i>
attB2_rev_SEP	GGGGACCACTTTGTACAAGAAAGCTGGGTTCATACTAGCCACGGAGGGA	
attB1_for_AGL6	GGGGACAAGTTTGTACAAAAAAGCAGGCTCGGGTTGTGCCTTGAGAGATCA	<i>NycAGL6</i>
attB2_rev_AGL6	GGGGACCACTTTGTACAAGAAAGCTGGGTAAGGATTACAGGACCCAGCCT	
attB1_for_PI	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAGTGGTCGGTTGCTGGAGAT	<i>NycPI</i>

attB2_rev_PI	GGGGACCACTTTGTACAAGAAAGCTGGGTAGTGCATCAAACCAATGCC	
attB1_for_AP3	GGGGACAAGTTTGTACAAAAAAGCAGGCTCATGGGTCGTGGTAAGATA	
attB2_rev_AP3_1	GGGGACCACTTTGTACAAGAAAGCTGGGTTCATCCTAGACTTAAATCATG	<i>NycAP3-1</i>
attB1_for_AP3	GGGGACAAGTTTGTACAAAAAAGCAGGCTCATGGGTCGTGGTAAGATA	
attB2_rev_AP3_2	GGGGACAAGTTTGTACAAGAAAGCTGGGTTTAATCCATGCCACAAAATA	<i>NycAP3-2/3</i>
attB1_for_AG3	GGGGACAAGTTTGTACAAAAAAGCAGGCTCATGGGAAGGGGAAAGATTGAGATC	
attB2_rev_AG3	GGGGACCACTTTGTACAAGAAAGCTGGGTGGAGCATAACAATTCAGACAACAC	<i>NycSTK</i>
attB1_for_AG2	GGGGACAAGTTTGTACAAAAAAGCAGGCTCGGGAATTTGGAGAAGATGGGAAGAG	
attB2_rev_AG2	GGGGACCACTTTGTACAAGAAAGCTGGGTCTACATAAGATTGGGACCTTGATC	<i>NycAG2</i>
attB1_for_AG1	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAGCAAAGTGGGAAGATGGGGA	
attB2_rev_AG1	GGGGACCACTTTGTACAAGAAAGCTGGGTTGAGGCTTTGGGCTTTCAATG	<i>NycAG1</i>
attB1_for_AP1/FUL	GGGGACAAGTTTGTACAAAAAAGCAGGCTCCTCTGCGACGCCGAGGTTGC	
attB2_rev_AP1/FUL	GGGGACCACTTTGTACAAGAAAGCTGGGTTCATATGAGCTGAAGGGTCCAGGG	<i>NycFL</i>