

Supplementary Table S1. Primers used in this study

Primers name	Sequences (5' to 3')
For the construction of a plasmid containing <i>gdh</i> promoter	
Pgdh-F	CGAT <u>GAGCTC</u> AAAGTATACCGGTCAAACCTTATTC (<i>Sac</i> I)
Pgdh-R	GTTAC <u>GCGGCCGC</u> TTTAAAATCTGGGGCGCCTGTAAT (<i>Not</i> I)
For the construction of HA epitope tagged GIMYB2	
Myb2-F	GTTAC <u>GCGGCCGC</u> CATGTTACCGGTACCTTCTCAGCCA (<i>Not</i> I)
Myb2-R	CATA <u>CTCGAG</u> GGGTAGCTTCTCACGGGAAGGAT (<i>Xho</i> I)
498Myb2-R	CATA <u>CTCGAG</u> ATAGTTGGCTATCATCTTCCACTGC (<i>Xho</i> I)
460Myb2-R	CATA <u>CTCGAG</u> GAGCCAGTGCTGGCTGCACTGGTC (<i>Xho</i> I)
360Myb2-R	CATA <u>CTCGAG</u> AGATGTAGGCATTTTCTTGCTCTT (<i>Xho</i> I)
329Myb2-R	CATA <u>CTCGAG</u> TGGAACGGCTCTAATACGCTCATC (<i>Xho</i> I)
For the construction of NLS _{GIMYB2} fused GiGAP1-mOrange	
Gap1-F	GCAC <u>GCGGCCGC</u> CATGCCTATTGCGCTCGGAATCAA (<i>Not</i> I)
Gap1-R	CTACA <u>ACTAGTGC</u> AGCCCTTGACCCGACGACTT (<i>Spe</i> I)
mOrange-F	AGCA <u>ACTAGTAT</u> GGTGAGCAAGGGCGAGGAGAATAA (<i>Spe</i> I)
mOrange-R	ATCT <u>CTTAAGCTT</u> GTACAGCTCGTCCATGCCGCCG (<i>Afl</i> II)
MybNLS-F	AGGT <u>CTTAAGTCCG</u> TTATCGTATGAAGAGACTGGC (<i>Afl</i> II)
MybNLS-R	AGCT <u>GAATTC</u> TCTCAGGGTAGCTTCTCACGGGAAGGA (<i>EcoRI</i>)

Restriction enzyme sites are underlined.