

Supplementary Table S1. List of primers used in this study.

Sr. No.	Primer name	Sequence (5'→3')	Amplicon size	Purpose
1	Prom <i>StBEL5</i> F	GCACCATAGCCAAAAAGTCTTAAGAC	2242 bp	<i>StBEL5</i> promoter cloning
2	Prom <i>StBEL5</i> R	CTGTAAACAGAAAGTAACAAAGG		
3	<i>StBEL5</i> CDS-5'UTR F	CATGCAGAGATAAAAAATATAGATC	2716 bp	<i>StBEL5</i> coding sequence cloning
4	<i>StBEL5</i> CDS R	GCTAATCTAATAATGATAGCACA		
5	Prom <i>StPTB1</i> F	CTTGGGTAGTCTTCCGCTTGTAG	2301 bp	<i>StPTB1</i> promoter cloning
6	Prom <i>StPTB1</i> -5'UTR R	TTATACCTGAATCACAACAAAAC		
7	<i>StPTB1</i> CDS F	GGTATAAATGTCTGATCCTTC	1338 bp	<i>StPTB1</i> coding sequence cloning
8	<i>StPTB1</i> CDS R	GACTTCTCAGATGCTCTGTAAC		
9	Prom <i>StPTB6</i> F	CGAGTTGTGGTGAGACGGTTAGTAG	2458 bp	<i>StPTB6</i> promoter cloning
10	Prom <i>StPTB6</i> -5'UTR R	TTTTTACCTGAATCACAAAAACAATG		
11	<i>StPTB6</i> CDS F	GGTAAAAAATGACTGAGCCGTC	1348 bp	<i>StPTB6</i> coding sequence cloning
12	<i>StPTB6</i> CDS R	GGCTTCTCAGATGCTTTGCAC		
13	<i>StBEL5</i> _3' F	TGTGATATTGTTCCCTCTCAATTTGC	190 bp with <i>UbiTscr</i> R	Confirmation of stable transgenic lines
14	<i>StPTB1</i> _3' F	GAGGCACTCGTATGCAAAAA	157 bp with <i>NosTscr</i> R	
15	<i>StPTB6</i> _3' F	CATGCTACATCCCTTGGTGG	181 bp with <i>UbiTscr</i> R	
16	<i>NosTscr</i> R	GCAACAGGATTCAATCTTAAG		
17	<i>UbiTscr</i> R	ATTACCGTTCGACAAAAAGAGAAA		
18	<i>StEIF3e</i> qF	GGAGCACAGGAGAAGATGAAGGAG	164 bp	RT-qPCR analysis
19	<i>StEIF3e</i> qR	CGTTGGTGAATGCGGCAGTAGG		
20	<i>StBEL5</i> qF	AGGGATACTCTTATATTGTGTGTGAG	90 bp	
21	<i>StBEL5</i> qR	GTCTCCACTTCTTCTCTCCTATG		
22	<i>StCDF1</i> qF	TGCAGACTCGTCGATTGAAC	130 bp	

23	<i>StCDF1</i> qR	GAGTGCCTTTTCCTCACTCG		
24	<i>StPTB1</i> qF	GCGCAATAAACCCAGATCATGC	112 bp	
25	<i>StPTB1</i> qR	GTTGACTTCCAGACGCTTTTC		
26	<i>StPTB6</i> qF	TCATGCTCTTGTTTCAGATGGG	130 bp	
27	<i>StPTB6</i> qR	TGGTCCGGTGTTAATATTTGGG		
28	<i>StSWEET11b</i> qF	GTGATGCATGTGCATGTTTG	114 bp	
29	<i>StSWEET11b</i> qR	CAACGGCCAATCTCCTCTAA		
30	<i>StIT</i> qF	AAGAGCTCGTCGCCGTTAAA	150 bp	
31	<i>StIT</i> qR	GCAGGTCTACGAGCTGTGTT		
32	<i>StSP6A</i> qF	GACGATCTTCGCAACTTTTACA	74 bp	
33	<i>StSP6A</i> qR	CCTCAAGTTAGGGTCGCTTG		
34	<i>StSP5G</i> qF	GGTGTGTAGACTTTGGTGTGGTTT	96 bp	
35	<i>StSP5G</i> qR	GGCCTCAAGGCACATCCAT		
36	<i>StSP3D</i> qF	GGACCCAGATGCTCCAAGTC	64 bp	
37	<i>StSP3D</i> qR	CTTGCCAAAACCTGAACCTG		
38	<i>StPIN4</i> qF	GGGACCCACTGGACTGACTA	109 bp	
39	<i>StPIN4</i> qR	ACTTGCTGGAGGCATCTGTT		
40	<i>StGA2ox1</i> qF	TTCTCTACAATGAGTTCACATGGTC	78 bp	
41	<i>StGA2ox1</i> qR	GGGACAACCTATTATCACCAAGC		
42	<i>StCO2</i> qF	CTGGGTTTAGATAGAGAAGCAAG	177 bp	
43	<i>StCO2</i> qR	GTCAACGTCATCAAACTCGC		
44	<i>St14-3-3</i> qF	ACATTCCCAGAGTTCCTTGTC	124 bp	
45	<i>St14-3-3</i> qR	ACTTTGGACCCAACCTGCTC		