Supplementary information 2. Primers and Their Corresponding Amplification Conditions Used in the present Paper.

GENE	PRIMER NAME	PRIMER SEQUENCE (5′-3′)	PCR CONDITIONS	FRAGMENT AMPLIFIED (bp)	PURPOSE	Efficiency and R^2
NPTII	NPTII-F	GTCATCTCACCTTGCTCCTGCC	35 cycles: 94ºC x 30s 60ºC x 30s 72ºC x 42s	472	PCR analysis	-
	NPTII-R	AAGAAGGCGATAGAAGCGA				
GFP	EGFP-F	CACCGGGGTGGTGCCCAT	40 cycles: 94ºC x 15s 56ºC x 30s 72ºC x 1min	740	PCR analysis	-
	EGFP-R	CTAGTGGATCCCCCGGGC				
Cast_Gnk2-like	T35S-R	AGGTCACTGGATTTTGGT	35 cycles: 98ºC x 10s 56ºC x 30s 72ºC x 1min	890	PCR analysis	-
	GIN-D	CTGCCACTAGCCGTTATGGT				
NPTII	NPTII-F	GGGCGCCCGGTTCTTTTTG	Tm 60ºC	145	qPCR copy number	1.95 0.96
	NPTII-R	AGTCCCTCCCCGCTTCAGTG				
Cast_Gnk2-like	Cc_Gnk2-F	GGGGACCTAAAGCTTGACTCA	Tm 60ºC	129	qPCR transgene expression	1.80 0.94
	Cc_Gnk2-R	CATCGCAACAGTTGGGAAGTT				
Actin	Actin-F	CCTTGCTGGTCGTGATCTC	Tm 62ºC	150	Reference gene for qPCR	1.80 0.99
	Actin-R	GTCTCAAGTTCCTGCTCATAGTC				
Elongation factor 1 -α	EF1α-F	CGGTTACTGAGTACTAGCCTTGC	Tm 60ºC	84	Reference gene for qPCR	1.84 1.00
	EF1α-R	CTGCCGAAGACCTTATTGAAAG				

F: forward; R: reverse.