

Strain ID	MT1241
Strain Name	sp7 <sup>^</sup> TAL2

Mutated Gene	sp7 (specificity protein 7)
Linkage Group	LG5
GenBank Accession No. for cDNA	XM_011474867
Nucleotide Change (WT > MT)	AGCCCACA>del
Location of mutated nucleotide in wild-typegenomic sequence	AGCACCGCAAGCGTCCCTC(AGCCCACA>----- )GCTGCCAAGCTACAGCACTG

Forward primer sequence (5'-3')	CAGCTAACTCTACGTCTTCC	
Reverse primer sequence (5'-3')	TTTCCAGCTCCTGACAGTTG	
PCR Product Size (bp)	MT	385
	WT	393
PCR Reaction Conditions	KOD Plus (TOYOBO)	
Thermocycler Program	95 °C 2 min (95 °C, 30 sec, 58 °C 30 sec, 68 °C 30 sec) x 30	
PCR Product Sequence (WT)	CAGCTAACTCTACGTCTTCCCTGGTGGGATGTCCACCCC AACTCTAACTGGCTGTCTGCAACACAGCCCCAACTGA CGGAGGTCTCCAGGCCTCTCTGCAGCCTGTAGCACCGC AAGCGTCCCTCAGCCCACAGCTGCCAAGCTACAGCACT GACTTTACGACGCTCAATCCAGCACCGTATCCCTCAGT GGGGCTGGGATCCTCCTCACATCTCCTCCAACCCTCCC AGCACATGCTGCCCCAGGATATGTACAAGCCCAAGCCT GTACCAAGCACAGGGCTAATTGAGAGTCCCATGGGCCT TAAGCCTGCCAGGGGATCAGGAGGTTATAGCGGAGGG GGGACGCCAGGCAGATCTTCGTGTGACTGCCCCAACTG TCAGGAGCTGAAA	

Restriction enzyme(s)	PvuII	
Restriction digestion product sizes (bp)	MT	385
	WT	259, 134