

Supplemental Data Table S3. Primers used for SNP validation

N315 locus tag (target gene)	Primer name	Sequence (5'→3')	Product size (bp)
SA_RS01235 (SA0210)	SA0210-F	TTAGGAGTGGGGCAGAATTG	1,320
	SA0210-R	ATTAAGCTTCGCAACAT	
SA_RS01845 (SA0321)	SA0321-F	TTGCAATTCAGGTGCGATA	2,357
	SA0321-R	TGCACCACCATTTCGTTAGA	
SA_RS07605 (SA1342)	SA1342-F	GCACTGCCCATGTTAGAAAAA	2,252
	SA1342-R	CACGTTCTCAGATCCAGAA	
SA_RS08080 (SA1432)	SA1432-F	TTTGTATGCACCCTCTCC	1,607
	SA1432-R	ATGATGGGCAGCTCGTTAGT	
SA_RS08765 (SA1554)	SA1554-F	ATCGGGTTAGCGCTTCATT	2,300
	SA1554-R	GCGCTTCAAATCTCGTATG	
SA_RS09725 (SA1694)	SA1694-F	TGCGGAGAAGCACTTTATCG	1,032
	SA1694-R	TGGAACGGAATGACTGTTG	
SA_RS10425 (SA1815)	SA1815-F	GGCCCCTGACTAGAATTGAA	1,695
	SA1815-R	TGCAGGAATGAATGAGTGCT	
SA_RS11170 (SA1945)	SA1945-F	TTGTCATGCTCGGATACTGC	1,476
	SA1945-R	TTGAAGCGGGTTACGTTTTTC	
SA_RS11870 (SA2063)	SA2063-F	GTTGATCCCCAATTGCATT	1,390
	SA2063-R	GATGTAGATGCCCCCTCATA	
SA_RS12195 (SA2122)	SA2122-F	TGCCACCACCATTCTAAT	2,351
	SA2122-R	TCGCTCGCATAACGATAAAAC	
SA_RS12250 (SA2132)	SA2132-F	GTTCAATCGGTGCTGCTACA	1,418
	SA2132-R	TGACAGTAAGCCGGCAAATA	
SA_RS12550 (SA2188)	SA2188-F	TGTGAATCGCGTGAATTGTA	2,734
	SA2188-R	GCAGCAAATGAATGACATGG	

Abbreviation: SNP, single-nucleotide polymorphism.