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Table S1 List of PCR primers for high resolution mapping of the *NAL7* gene

Marker	Position ^a	Forward		Reverse		Size(bp)
		Name	Sequence	Name	Sequence	
AC122149_1	2284350	AC122149_1U	TAGCTCCCAACTGAGGAAAT	AC122149_1L	GCCCCATATGAGTGTTTGAAA	224
AC105734_1	2723835	AC105734_1U	GAGCAGGTACATCTGGAGTATTTT	AC105734_1L	CTAAGACACGAAATCTGGAATACC	197
AC105730_1	3028233	AC105730_1U	CCTGAAACGGATGGAGTATC	AC105730_1L	TCCCAAATTATAGGGCGCTT	221
AC119797_1	3204674	AC119797_1U	CTCATTTGAATTGGGTATATACTCA	AC119797_1L	CGGTATTTTCATGCAGTTTCG	213
AC105729_22	3385888	AC105729_22U	ATCTAAACATTTAAAAAAA	AC105729_22L	CAATTAATGAATCTATTGAT	252
SNP5	3234611	nal7_5AU	GAGATGGTGATTTTGGGTCGTT	nal7_5AL	CTGACCGTTTCAACCGATAAA	183
SNP98	3325690	nal7_98AU	CCTCGTCCTCTTCTTCGAGAAT	nal7_98AL	CAAAGCACGAAAGCCAATATG	183
SNP165	3339836	nal7_165A1U	ACGTCTGTGATCACCGAGTACG	nal7_165A1L	TCGTTAGTACTTACACCACTCCTGAC	266

^a Position of primer is in PseudoMolecule 3.0 in RAP-DB (<http://rapdb.lab.nig.ac.jp/index.html>)

Table S2 List of PCR primers for semi-quantitative RT-PCR analysis

Gene	Chr	Accession		Primer		Annealing Temp.	Cycle	Size	Reference
		RAP-DB	KOME	Forward	Reverse				
<i>OsYUCCA1</i>	1	O501g0645400	AK105488	TGCATACTTCCGAGTACAAGTCC	GGTGAGGTTCTTGAGCTCGAT	61	35	329	this study
<i>OsYUCCA2</i>	5	O505g0528600	NA	AGGAAAAGTGCCTTTTGAGCA	GTCGGCTGACCTAGCATCTC	61	38	488	this study
<i>OsYUCCA3</i>	1	O501g0732700	NA	AGAGATTGATGGCCTAGACGAC	TGGTCTGAGCTATGAGCAGTAGAA	61	35	284	this study
<i>OsYUCCA4</i>	1	O501g0224700	AK070386	CCTCGACCTCTGCAACCACAA	GGACTTGATCTTGCTAGGGTT	61	35	298	this study
<i>OsYUCCA5</i>	12	O512g0512000	NA	GATGCACACCAGCAGCTACAA	ATCTGGAGTGGACCAATCTTAGG	61	35	318	this study
<i>OsYUCCA6</i>	7	O507g0437000	NA	ACCGGATACCAAAGCAACGTC	GCAATGTCTGTGCAACCTTAA	61	33	185	this study
<i>OsYUCCA7</i>	4	O504g0128900	AK068976	AACACAGTGATGCGATGGACA	TCGAGGTAGTCGATGAACCTGG	61	35	292	this study
<i>OsYUCCA8 (NAL7)</i>	3	O503g0162000	AK072466	ACTGTAGTGCATGCAAGAGGAGA	CCCAAGAACCGATGAGCTAAG	61	35	319	this study
<i>OsYUCCA9</i>	1	O501g0273800	AK109645	ATGGAGATCGCCTACGACCTC	GACCTGATCTTGCGGAAGGTG	64	35	287	this study
<i>UBQ2</i>	2	O502g0161900	AK101547	GTCTGATCTTCGCTGGCAAGCAGC	GCATACTGCTGTCCCACAGGAAACTG	63	25	271	Yang et al. (2005)

NA; not available.