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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	GCCCCATATGAGTGTTGAAA	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	CTGACCGTTTTCAACCGATAAA	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>O.s</i> YUCCA1	1	O.s01g0645400	AKI05488	TGCATACTCCGAGTACAAGTCC	GGTGAGGTCTTGAGCTCGAT	61	35	329	this study
<i>O.s</i> YUCCA2	5	O.s05g0528600	NA	AGGAAAAGTGCCTTTGAGCA	GTCGGCTGACCTAGCATCTC	61	38	488	this study
<i>O.s</i> YUCCA3	1	O.s01g0732700	NA	AGAGATTGATGGCCTAGACGAC	TGGTCTGAGCTATGAGCAGTAGAA	61	35	284	this study
<i>O.s</i> YUCCA4	1	O.s01g0224700	AKD70386	CCTCGACCTCTGCAACCACAA	GGACTTGATCTTGCTAGGGTT	61	35	298	this study
<i>O.s</i> YUCCA5	12	O.s12g0512000	NA	GATGCACACCAGCAGCTACAA	ATCTGGAGTGGACCAATCTTAGG	61	35	318	this study
<i>O.s</i> YUCCA6	7	O.s07g0437000	NA	ACCGGATACCAAAGCAACGTC	GCAAATGTCCTGTGCAACCTTAA	61	33	185	this study
<i>O.s</i> YUCCA7	4	O.s04g0128900	AKD68976	AACACAGTGATGCGATGGACA	TCGAGGTAGTCGATGAACTGG	61	35	292	this study
<i>O.s</i> YUCCA8 (<i>NAL7</i>)	3	O.s03g0162000	AKD72466	ACTGTAGTGCATGCAAGAGGAGA	CCCAAGAACCGATGAGCTAAG	61	35	319	this study
<i>O.s</i> YUCCA9	1	O.s01g0273800	AKI09645	ATGGAGATCGCCTACGACCTC	GACCTGATCTTGCGAAGGTG	64	35	287	this study
<i>UBQ2</i>	2	O.s02g0161900	AKI01547	GTCTGATCTTCGCTGGCAAGCAGC	GCATACTGCTGTCCCACAGGAAACTG	63	25	271	Yang et al. (2005)

NA; not available.