

Table S1 The list of candidate genes at the region mapped for *qSS-1* locus and their predicted functions.

ORF	Putative protein function	Full-length cDNA	Number of exons	Gene size (bp)	ESTs source tissues	EST number
Os01g0153800	Similar to gibberellin receptor GID1L2	AK331485	2	1,086	Whole plant, pericarp	4
Os01g0153900	Hypothetical conserved protein.	EU954866	1	759	==	0
Os01g0153950	Protein of unknown function DUF674 domain containing protein.	EU972340	2	423	==	0
Os01g0154000	Hypothetical conserved protein.	AK108752	1	423	Flower	3
Os01g0154100	Protein of unknown function DUF674 domain containing protein.	EU954866	1	765	==	0
Os01g0154200	Protein of unknown function DUF674 domain containing protein	FP098916	2	780	==	0
Os01g0154300	Hypothetical conserved protein.	NM001048594.2	3	711	Panicle, seed	2
Os01g0154500	Protein of unknown function DUF674 domain containing protein	AK108793	3	717	Callus, mixed	4
Os01g0154600	Protein of unknown function DUF674 domain containing protein	AK106595	3	726	Flower, panicle, callus	15
Os01g0155000	Alpha/beta hydrolase fold-3 domain containing protein.	AK073659	1	1,014	Panicle, seed, callus, stem, root, needle	43
Os01g0155100	<i>OsSAURI</i>	==	==	276	==	0
Os01g0155200	Similar to H0525E10.8 protein	AK252147	1	2,496	==	0
Os01g0155300	Similar to dirigent-like protein	BT084857	1	1,023	==	0
Os01g0155400	Hypothetical conserved protein	AK063770	12	1623	Flower, inflorescence, panicle, seed, callus, leaf, stem, root, pericarp	85
Os01g0155500	Protein kinase catalytic domain domain containing	AK099840	3	2,685	Leaf, stem	16

	protein					
Os01g0155600	Similar to Splicing factor RSZ33	AK071635	7	975	Flower, inflorescence, developing spike, panicle, seed, callus, leaf,, stem, root	154

Online source (<http://www.ncbi.nlm.nih.gov/>) and (<http://rapdb.dna.affrc.go.jp/>).