

S1 Table. CAPS markers used in mapping the *uv90* mutation

Marker Name	Restriction Enzyme	PCR Primers	SNP location (bp) on LG VI and PCR product location	SNP (OR > MV)	OR phenotype
LCF2-LCR2	HaeIII	TTTGAGCTCGGGATTTGCTG GGGCGCCATCAATTTCACTT	1,900,315 1,900,164-1,900,640	C > T	cut
F11-R11	Taq α 1	CGATACGATTCTTGGCATCAGC GGTAACTATGTACATGCCCGTG	2,075,827 2,075,729-2,076,173	G > A	cut
F9-R9*	Taq α 1	AAGGTCGGTGTGTTAGACGA GGCTGAGGGTGGATAGCTAGA	2,225,382 2,225,160-2,225,620	A > C	cut
F6-R6	EcoRI	TTCACGAGTGTCCCGGATGTG GCATTGTTCATCTCGTTGGTGC	*** 2,493,864-2,495,098	***	cut
RCF5-RCR5	Taq α 1	GCGAATTGGAAATCTCCAAGGG ATCTCCACGTAGCCTTGGCTT	3,102,537 3,102,391-3,102,921	G > A	cut
6-68-MspI**	MspI	ATGTCTTGGGTGTTTGGCAT TCCTCAAGATCGTCACTCAGC	*** 3,293,478-3,294,201	***	uncut
3317F-3317R	Taq α 1	CTCGGACGACAAGTCACCAACA CGTCCCTCTGATGCCCAAAGTA	3,317,544 3,317,357-3,317,859	A > G	cut
3368F-3368R	MseI	GAAATACCGGGCGCATTACCA TGTTGATTGGCTGTCGGTGG	3,368,360 3,368,165-3,368,692	T > C	cut
3395F-3395R	Taq α 1	TTGCTTGCTTTGTCTCGGACG ACAGAGTTGGGTGTTACGTGG	3,395,716 3,395,402-3,395,911	G > A	cut
3436F-3436R	Taq α 1	GGACAGCTTCTCCGAGCGATTT CGTTGACGGACTCTGAATGAGG	3,436,987 3,436,787-3,437,260	T > C	cut
F16-R16	HaeIII	ATCCAATCTCTTCCCGGTGTG TCTTGGTTAGTGTAGCCGCACC	3,483,592 3,483,486-3,483,944	G > A	cut

* Marker and PCR primers from Lambrechts et al [70].

** Marker and PCR primers from Jin et al [34].

*** Exact SNP location not known.