

TABLE S1
Primers Used For Mapping and Cloning

Primer	Sequence	Purpose
F7H19-3aF	5'-GCTAATGCGTCGTAGTGT-3'	F7H19 CAPS marker
F7H19-3aR	5'-GCAGAACGACTCCTGAAT-3'	F7H19 CAPS marker
T12H17-2F	5'-AACCATCCATAGCCGCCG-3'	T12H17 CAPS marker
T12H17-2R	5'-CGACATCTCCTTGCGTTGTGG-3'	T12H17 CAPS marker
ENS2-1CF	5'-CACCAGGTGTCAATGGTGGGTC-3'	CCS52A1 genomic for complementation
ENS2-1CR3	5'-GTCGGTGTAACGGTGAGAAAC-3'	CCS52A1 genomic for complementation
ENS2-1F	5'-CACCATGGAAGAAGAAGATCCTACAGC-3'	CCS52A1 coding
ENS2-1R1	5'-TTCTCACCGAATTGTTGTTCTACC-3'	CCS52A1 coding

Primers ENS2-1CF, ENS2-1F, have the sequence 5'-CACC-3' at their 5' ends for directional cloning into the GATEWAY entry vector pENTR/D-TOPO (Invitrogen).