

Isoallergen gene [ID] ^a	Sequence (5'-3') ^b	Start (bp)	Product (bp) ^c	Tm (C°)
Mal d 1.01 [AY789236]	F- T GACTCGATTGACGAAGCAAG	384	166	54
	R- TTCAATGTTTCCCTTGGTGAGA	526		
Mal d 1.02 [AY827660]	F- GCCCTGGAACCATCAAGAAT	149	419	51
	R- GTGCTCTTCCTTGATCTACCCAT	545		
Mal d 1.03A-F^d [AY789263/64/66; AY822726/29]	F- CTGACAACCTCATCCCCAAGA	80	380	54
	R- GTGTGGTAGTGGCTGGTGGT	346		
Mal d 1.04 [AY789242]	F- TAATTCATTTGCAGGCGGC	282	159	54
	R- TCAGGAGATGCGATCAATTTG	420		
Mal d 1.05 [AY789247]	F- TTGATGGTGATAACCTCATCCTG	74	358	52
	R- TTTGGTCTCATAAGCGATCTTCTC	408		
Mal d .06A [AM283501]	F- CGAAACCGAATACGCCTAAA	18	387	54
	R- GCATCCCCTTCAATCAAGCTATAGC	390		
Mal d 1.06B [AY789251]	F- ATTTTCTCCATTAACCTGGTAATCTTT	203	183	54
	R- CTTTGTCAATTCCTCAACCTT	364		
Mal d 1.06C [AY789256]	F- TCAACTATTTTCTCCATTAACCTTGCT	197	249	54
	R- CCAACTTAATCTCATAAGAGATCTCCTG	417		
Mal d 1.07 [AY789257/58]	F- CAACTTTGTGTACCAATACAGTCTC	234	138	51
	R- CTTTGGTATGGTAGTGGGTGA	350		
Mal d 1.08 [AY789259-61]	F- CGACTGCTCTTGATGGTGATG	65	343	51
	R- CTAGCCTTGAGATGCTCTTCAGTA	384		
Mal d 1.09 [AY822720/21]	F- GAGCTGGAACCATATGAAGATTAG	149	200	54
	R- GCGCTTGATGATCGAAC TGT	329		

^aGenBank ID numbers of the sequences on which the primers were designed; ^bBold and italicized nucleotides in the primer sequences are deliberate mis-matches introduced to increase specificity (Gao et al. 2005); ^cFrom the ATG-codon; ^dGeneral primer pair for all *Mal d 1.03* isoallergens