

*Fusarium solani*, *F. moniliforme*, *F. graminearum* フサリウム症

区分	手法名 (文献)	プライマー		反応温度条件	増幅産物 bp	備考	推奨度
		名称	配列 (5'-3')				
PCR	(Nicholson et al. 1998)	Fg16NF	ACA GAT GAC AAG ATT CAG GCA CA	95°C15分→(95°C15秒、64°C30秒、72°C30秒) ×45サイクル→72°C5分	280 bp	F. graminearum特異的PCR	—
		Fg16NR	TTC TTT GAC ATC TGT TCA ACC CA				
	(Murillo et al. 1998)	FUS1	CTTGGTCATGGGCCAGTCAAGAC	(96°C1分、55°C90秒、72°C2分30秒)×32サイ クル	1.6kb	F. moniliforme特異的PCR	—
		FUS2	CACAGTCACATAGCATTGCTAGCC				
nested -PCR	(Ahmad et al. 2010)	FSOF1	TTACCGAGTTATACAACACTCATCA		440	18S rRNAとITS領域を含む	☆
		FSOR1	GCTCTCCAGTCGCGAGGTGTTAG				
		FSOF2	AACGTTGCTTCGGCGGGAACAGA		380	FSOF1/R1のfirst PCR後に行うnested-PCR	☆
		FSOR2	TACTACGCAATGGAAGCTGCGG				
定量 PCR	(Bernal-Martinez et al. 2012)	Fsol1	CTCATCAACCCTGTGAACATACC			・ Molecular beacon probeを採用 ・ <i>Fusarium solani</i> 特異	—
		Fsol2	ATGCCAGAGCCAAGAGATCC				
		Fsol-MB1	CGCGA-GCCGCTGTTCGCCGCGAA-TCGCG				

文献

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