

Appendix 1 Primer sequences

Primer	Sequence (5' - 3')	PCR round	Amplified LCV
generic PCR (LF2)			
3216-s	GTGATCCTAGCTTTCAAGTACAAYCCCTA		
3219-as	AATTGTTGGCC(N/I)GGCTTCCA	1 st	All LCVs, except GgorLCV2
3217-s	GCTGGCC(N/I)GGCTTCCAYTC		
3218-as	GCTGGCC(N/I)GGCTTCCAYTC	2 nd	
generic PCR (BILF1)			
4176-s	TGACCCAGGTGGCCAACA		
4176-as	ATAAAGTGGTTGAAGCTCCAG	1 st	GgorLCV2
4177-s	ATCATAACAGCGCTTCCTCAG		
4177-as	GAGCAGCGGCAGTGACAGCAT	2 nd	
4141-s	TGCACATAATATGGAC(N/I)T(N/I)TGGCT		
4141-as	AGGCTGGGGAARTA(N/I)CG(N/I)GC	1 st	MfasLCV1, PpygLCV2, SsynLCV2
4142-s	ACGGTCTTCCAGCAC(N/I)TGGG(N/I)AT		
4142-as	CTGCTCTGCACATGTTTRGG(N/I)CC	2 nd	
Long-Distance PCR (BALF5-LF2)			
3243-s	ATGCTGGAGCGGGCCAAG		
3243-as	GCCTCGTAGGTGTTGTTGTATTCCA	1 st	PtroLCV1, GgorLCV1
3244-s	CCTTCGTGGAGGCCTGA		
3244-as	TGTATTCCAGCTCCGTGATGAA	2 nd	
3245-s	CGCTGAGACTGTCACGCTC		
3245-as	TGGTTTTCAGGGTGGGAGA	1 st	ApanLCV1
3246-s	GCTCCAGGGAAGAACCATG		
3246-as	AGGACCAGGGAGGTAATCTTG	2 nd	
3247-s	GTCTCACCATAGCCGAAACAG		
3247-as	GGATGGGACAGAATAAGGGAT	1 st	PpitLCV1
3248-s	GCCGAAACAGTACTCTACAGG		
3248-as	TTTGTGCTCAGAGGAGTTTCGT	2 nd	
3313-s	GCCGAGACCGTGACGCTG		
3313-as	CGCTGTAATTTTGGAACTGAGGG	1 st	EpatLCV1
3314-s	CGCACGATGCTGGAACGA		
3314-as	GGGAGCCTCATAGGTGTTGTTG	2 nd	
3317-s	CGAGACAGTGACGCTACAGGG		
3317-as	TTGGCGGAATGGGACATG	1 st	PbadLCV1
3318-s	TTTGTCGAGGCACTGAGGC		
3318-as	CCGTGATGAAATTGGGAGG	2 nd	
3916-s	CAGGGGCGGACGATGCTG		
3916-as	ACCTTCCCAGGGAATGTG	1 st	PpygLCV1
3917-s	CGATAGCCGAGACTGTGACCC		
3917-as	TTGCCACGCCGTATAGCATT	2 nd	
3519-s	CTGCAGGCACTGGCCCCCTCAG		
3519-as	TGATCTTTGAACTAAGTGGTGCT	1 st	HsynLCV1
3520-s	TCAGCCCAGCTCCTGGATTCT		
3520-as	TGAACTAAGTGGTGCTTCAAAG	2 nd	