Supplemental Table S1: The list of primers used in this study

Purpose	Primer	Primer sequence (5’-3’) [a]	Position and Description [b]
For making FoMV vectors	P1-F	GAAAACTCTTCCGAAACCGAAACTG	FoMV RNA nt 1-25
	P1-R	**TCTAGA**TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAAGCGATGTGTGCATTCACC	FoMV RNA nt 6140 - 6166
	P2-F	GTCTTCACAGGCGGGGAGC	FoMV RNA nt 4285-4303
	P2-R	**GGCGCGCCTCGAGACGCGTTAAC**TGTGTCCTGAAATGATGAGGTCAC	FoMV RNA nt 5371-5347
	P3-F	**GTTAACGCGTCTCGAGGGCGCGCC**ACTCGACCCGTTCAACCATCGTGC	FoMV RNA nt 5202-5226
	P3-R	CCTGCCCATAGTCAGGAGGC	FoMV RNA nt 6088-6069
For VIGS of target Genes	P4-F	**GGCGCGCC**GTGGCCAAGCTTACGTTGAA	*HvPDS* nt 345-364
	P4-R	**ACTAGT**ATTTTCGAGCCATGCGTCTC	*HvPDS* nt 546-527
	P5-F	**ACTAGT**CGAAGATTCTTAAATACCATGTTGTGAAGACACCAAGGTCTGTTTA	*HvPDS* nt 1089-1134
	P5-R	**GGCGCGCC**TTCGGGACGGTCTTGTAAACAGACCTTGGTGTCTTCACAACATGG	*HvPDS* nt 1148-1105
	P6-F	**ACTAGTC**CTGCTGCTCAACGTCATCGACCCCAAGATCGGCGGCGTCATG	*HvChlH* nt 24-66
	P6-R	**GGCGCGCC**GTCGCCCATGATCATGACGCCGCCGATCTTGGGGTCGATGACG	*HvChlH* nt 78-36
	P7-F	**ACTAGT**GAACGCCCCAGTAAACCATTACAGGTCGTGATTGCTGGTGC	*TaPDS* nt 423-463 *SiPDS* nt 558-598
	P7-R	**GGCGCGCC**TGATAGACCAGCCAGTCCTGCACCAGCAATCACGACCTGTAA	*TaPDS* nt 482-441 *SiPDS* nt 617-576
	P8-F	**ACTAGT**ATCCACGCGGCCATGGGGGGCGGCACGGGGCTCAACTACTTCC	*TaCLA1* nt 1428-1470
	P8-R	**GCGCGCC**GGTTGGGGAAGCGGCGGAGGAAGTAGTTGAGCCCCGTGCCGCC	*TaCLA1* nt 1487-1470 *SiCLA1* nt 1570-1529
	P9-F	**ACTAGT**ATCCACGCGGCCATGGGCGGCGGCACGGGGCTCAACTACTTCC	*SiCLA1* nt 1511-1533
	P10-F	**ACTAGT**CTCGAGCTCATGAGCCAGGAGTACACCAGCGATGTGATCAAG	*SiISPH* nt 364-405

	P10-R	**GGCGCGCC**GCCGTTCTCCTTGAGCGTCTTGATCACATCGCTGGTGTACTCC	*SiISPH* nt 423-381
For Real-time RT-PCR	P11-F	GCTGCTTGGAAGGATGAAGATGG	*HvPDS* nt 47-69
	P11-R	GGCATGGCAAATATCATGGAGTGT	*HvPDS* nt 195-172 *TaPDS* nt 706-683
	P12-F	GAGGAGACATTGTCACTAAC	*HvChlH* nt 806-825
	P12-R	CTAGCCAAAGACTTCATAGAA	*HvChlH* nt 996-976
	P13-F	GCTGCATGGAAGGATGAAGATGG	*TaPDS* nt 558-580
	P14-F	CCATCATGACGGTGCAGAATG	*TaCLA1* nt 2314-2334
	P14-R	CCATGTACATCAACGTCAGTGC	*Ta CLA1* nt 2491-2470
	P15-F	AGGAGTGGGTTGGTCGGAGTGA	*SiPDS* nt 1636-1657
	P15-R	TTGGAGAGGTCGGCAAGGTTCAC	*SiPDS* nt 1820-1798
	P16-F	CACAGTTCATGGCCCTCGAC	*SiCLA1* nt 2239-2260
	P16-R	CCAGGACGTTGAACACCGTC	*SiCLA1* nt 2437-2416
	P17-F	AGAAAGAGAACTGGTTACCCGC	*SiHIspH* nt 1379-1400
	P17-R	TTTCCTGACGCTTGATCTCGAA	*SiHIspH* nt 1498-1477
	P18-F	GTGACGGGTGACGGAGAATT	Barley 18S rRNA nt 1555-1574 Wheat 18S rRNA nt 349-368
	P18-R	GACACTAACGCGCCCGGTAT	Barley 18S rRNA nt 1705-1686
	P19-R	GACACTAATGCGCCCGGTAT	Wheat 18S rRNA nt 499-480
	P20-F	TGATTAATAGGGACAGTCGGGG	Foxtail millet 18S rRNA nt 210-231
	P20-R	AGACTAGGACGGTATCTGATCG	Foxtail millet 18S rRNA nt 370-349

[a] Bold letters indicate restriction enzyme sites; [b] Numbers correspond to target nucleotide positions.