

Table 1
Examples of Coat Protein-Mediated Protection

Virus group	Virus ^a	Chimeric gene ^b	Transgenic plant	Challenge virus ^c	Ref.
Alfamo	AIMV	35S-CP-nos	Tobacco	AIMV	4
			Tomato	AIMV	64
		19S-CP-35S	Tobacco	AIMV	3
		35S-CP-T-DNA	Alfalfa	AIMV	65
			Tobacco	AIMV	66
Carla	PVS	35S-CP-nos	Potato	PVS, PVM	67
Cucumo	CMV	35S-CP-rbcS	Tobacco	CMV	6
			Cucumber	CMV	24
	CMV	35S-CP-35S	Tobacco	CMV	68, 69
	CMV	35S-CP-nos	Tobacco	CMV	39
				CMV, CMMV	70
Furo	BNYVV	35S-CP-nos	Sugarbeet	BNYVV	71
Ilar	TSV	35S-CP-nos	Tobacco	TSV	4
Luteo	PLRV	35S-CP-nos	Potato	PLRV	25, 26, 38, 72
Nepo	ArMV	35S-CP-nos	Tobacco	ArMV	73
	GCMV	35S-CP-nos	Tobacco	GCMV	74
Potex	PAMV	35S-CP-nos	Tobacco	PAMV	75
	PVX	35S-CP-rbcS	Tobacco	PVX	5
			Potato	PVX	28, 21
		35S-CP-nos	Potato	PVX	76
		Ext-CP-nos	Potato	PVX	77
Poty	MDMV	35S-CP-nos	Sweet corn	MDMV, MCMV	16
	PPV	35S-CP-35S	Tobacco	PPV	78
	PRV	35S-CMV/PRV-35S	Tobacco	TEV, PeMV, PVY, PRV	14
		35S-CP-nos	Papaya	PRV	79
	PVY	35S-CP-rbcS	Potato	PVY	28, 21
			Tobacco	PVY	32
		35S-CP-nos	Tobacco	PVY	30
		35S-CP-nos	Tobacco	PVY	31
	SMV	35S-CP-nos	Tobacco	SMV, TEV, PVY	9
	TEV	35S-CP-nos	Tobacco	TEV	10
	WMV II	35S-CP-35S	Tobacco	WMV II, PVY, TEV, BYMV, PeaMV, CYVV, PeMV	15
	ZYMV	35S-CP-35S	Muskmelon	ZYMV	80
			Tobacco	WMV II, PVY, TEV, BYMV, PeaMV, CYVV, PeMV	15

(continued)