

**Table 2**  
**Examples of Protection Mediated by Other Viral Sequences**

Type of sequence/gene	Virus <sup>a</sup>	Ref.
Antisense		
Coat protein	CMV	<b>6,39</b>
	PLRV	<b>38</b>
	PVX	<b>5</b>
	PVY	<b>12</b>
	TEV	<b>10</b>
	TSWV	<b>18,34</b>
Intercistronic region	BMV	<b>40</b>
5' or 3' Ends of RNAs	CMV	<b>35</b>
3' End of genome	TMV	<b>36</b>
5' End of genome	TMV	<b>41</b>
Coding regions	TGMV	<b>37</b>
Satellite	CMV	<b>39,42,43</b>
	TRV	<b>44</b>
Defective-interfering (DI) sequences	ACMV	<b>46</b>
	BMV <sup>b</sup>	<b>47</b>
Sense transcripts		
Untranslatable CP gene	PVY	<b>12,32</b>
	TEV	<b>10,11</b>
	TSWV	<b>34</b>
3' end of genome	TYMV	<b>45</b>
Nonstructural genes		
Replicase	AIMV	<b>54</b>
	CMV	<b>49</b>
	CyRSV	<b>52</b>
	PEBV	<b>51</b>
	PVX	<b>50,87</b>
	PVY	<b>53</b>
	TMV	<b>48</b>
Movement Proteins	TMV	<b>58</b>
	WCIMV	<b>57</b>
Protease	PVY	<b>56</b>
	TVMV	<b>55</b>

<sup>a</sup>Abbreviations: ACMV, African cassava mosaic virus; BMV, brome mosaic virus; TGMV, tomato golden mosaic virus; TVMV, tobacco vein mottling virus; TYMV, turnip yellow mosaic virus; and WCIMV, white clover mosaic virus.

<sup>b</sup>Protection observed in protoplasts.

a cellular pathway that targets aberrant RNAs for elimination. Similar conclusions were made by Pang et al. (34) when transgenic tobacco expressing untranslatable or antisense TSWV NCP were protected against TSWV infection. Consequently, correlation, or lack thereof, between CP or transcript levels