**Supplementary figures**

**Table S1.** Virus isolates used on tissue blots for TB-HCR testing.

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| --- | --- | --- | --- |
| **Virus species** | **Virus Genus** | **Host species (common name)** | **Isolate name** |
| AMV | *Alfamovirus* | *Cicer arietinum* | 20140930ms-1 |
| AMV | *Alfamovirus* | *Cicer arietinum* | 5223 |
| BLRV | *Luteovirus* | *Cicer arietinum* | 20140930ms-19 |
| BLRV | *Luteovirus* | *Cicer arietinum* | 20140930ms-95 |
| BLRV | *Luteovirus* | *Vicia faba* | 20150720ms-19 |
| BLRV | *Luteovirus* | *Vicia faba* | 20171013ff-148 |
| BLRV | *Luteovirus* | *Vicia faba* | 20140704ms-58 |
| CBTV | *Polerovirus* | *Althaea officinalis* | 20140930ms-115 |
| CMV | *Cucumovirus* | *Cicer arietinum* | 5638 |
| PBMYV | *Polerovirus* | *Cicer arietinum* | 20140930ms-13 |
| PBMYV | *Polerovirus* | *Pisum sativum* | 20140930ms-166 |
| PBMYV | *Polerovirus* | *Vicia faba* | 20150720ms-7 |
| PBMYV | *Polerovirus* | *Vicia faba* | 20140704ms-38 |
| PBMYV | *Polerovirus* | *Vicia sativa* | 20140903jvl-49 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20171009ff-149 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20171013ff-2 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20171013ff-57 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20171009ff-126 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20140930ms-223 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20140930ms-92 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20140930ms-223 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20151006ms-111 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20151006ms-153 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20151006ms-188 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 20151006ms-290 |
| SbDV | *Luteovirus* | *Cicer arietinum* | 5436 |
| SbDV | *Luteovirus* | *Lens culinaris* | 5435 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-1 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-2 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-6 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-11 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-13 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-19 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-24 |
| TuYV | *Polerovirus* | *Brassica napus* | 20190823ff-27 |
| TuYV | *Polerovirus* | *Brassica napus* | 20140930ms-75 |
| TuYV | *Polerovirus* | *Brassica napus* | 20140731ms-83 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20140930ms-118 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20151006ms-1 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20151006ms-3 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20151006ms-4 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20151006ms-39 |
| TuYV | *Polerovirus* | *Cicer arietinum* | 20151006ms-459 |
| TuYV | *Polerovirus* | *Diplotaxis tenufoila* | 20190823ff-30 |
| TuYV | *Polerovirus* | *Lens culinaris* | 20140930ms-139 |
| TYLCV | *Begomovirus* | *Solanum lycopersicum* | 5649 |
| TYLCV | *Begomovirus* | *Solanum lycopersicum* | 20200811P6B1-2 |
| TYLCV | *Begomovirus* | *Solanum lycopersicum* | 20200811P2B2-3 |
| TYLCV | *Begomovirus* | *Solanum lycopersicum* | 20200811P2B2-5 |
| **-** | ***-*** | *Solanum lycopersicum* | Healthy tomato |
| **-** | ***-*** | *Solanum lycopersicum* | 20200811P6B1-1 |
| **-** | ***-*** | *Vicia faba* | 20150720ms-9 |
|  |  | *Vicia faba* | 20150720ms-22 |