Supporting Information

TABLES

Table S1. Details on the plant samples used in this work. Isolate name, site of sampling including geographical coordinates (DMS system), plant species, resistance to TSWV, genotype and company

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **NO.** | **ISOLATE** | **SITE \*** | **CROP** | **TSWV resistance** | **Genotype** | **Company** |
| 1 | Borgo 1 | Cerignola1 | Tomato | Sw-5 | Impact F1 | ISI |
| 2 | Borgo 2.1 | Borgo Libertà2 | Tomato | Sw-5 | Docet F1 | Seminis |
| 3 | Borgo 2.2 | Tomato | Sw-5 | Taylor F1 | Nunhems |
| 4 | Borgo 2.3 | Tomato | Sw-5 | Discovery F1 | ISI |
| 5 | T-J | Tomato | - | Jag F1 | Seminis |
| 6 | 15.9 | Fasano3 | Tomato | - | Nemanaxos F1 | Nunhems |
| 7 | Q1 | Stornara4 | Tomato | - | Talent | Esasem |
| 8 | Q2 | Tomato | - | Talent | Esasem |
| 9 | Q3 | Tomato | - | Talent | Esasem |
| 10 | Q4 | Tomato | - | Talent | Esasem |
| 11 | Q5 | Tomato | - | Talent | Esasem |
| 12 | Q6 | Tomato | - | Talent | Esasem |
| 13 | Q7 | Tomato | Sw-5 | Docet F1 | Seminis |
| 14 | 14.28 | Fasano3 | Artichoke | - | Opal F1 | Nunhems |
| 15 | L1-1 | Orta Nova 15 | Artichoke | - | Opal F1 | Nunhems |
| 16 | L1-2 | Artichoke | - | Opal F1 | Nunhems |
| 17 | L1-4 | Artichoke | - | Opal F1 | Nunhems |
| 18 | L1-6 | Artichoke | - | Opal F1 | Nunhems |
| 19 | L1-7 | Artichoke | - | Opal F1 | Nunhems |
| 20 | L2-1 | Orta Nova 26 | Artichoke | - | Madrigal F1 | Nunhems |
| 21 | L2-3 | Artichoke | - | Madrigal F1 | Nunhems |
| 22 | L2-4 | Artichoke | - | Madrigal F1 | Nunhems |
| 23 | L4-1 | Orta Nova 47 | Artichoke | - | Spinoso Sardo |  |
| 24 | L4-2 | Artichoke | - | Spinoso Sardo |  |
| 25 | L4-4 | Artichoke | - | Spinoso Sardo |  |

\* All sampling sites are located in the Foggia province (see Fig. S1), except Fasano that is located in the Brindisi province, about 170 km afar in South -East direction.

1 Cerignola (FG) - Italy (DMS: N 41° 14' 43.822'', E 15° 49' 56.913'')

2 Borgo Libertà, Cerignola (FG) - Italy (DMS: N 41° 10' 9.546'', E 15° 40' 58.74'')

3 Fasano (BR) - Italy (DMS: N 40° 52' 5.03'', E 17° 22' 23.008'')

4 Stornara (FG) - Italy (DMS: N 41° 18' 11.2'', E 15° 45' 6.199'')

5 Orta Nova (FG) - Italy (DMS: N 41° 20' 60'' E 15° 45' 30'')

6 Orta Nova (FG) - Italy (DMS: N 41° 21' 6.03'', E 15° 45' 37'')

7 Orta Nova (FG) - Italy (DMS: N 41° 21' 1'', E 15° 45' 33'')