

| Lysis plaque Assay test |        | Viral strain |         |         |          |       |            |          |            |            |         |         |         |         |            |            |            |           |            |            |            |            |     |     |
|-------------------------|--------|--------------|---------|---------|----------|-------|------------|----------|------------|------------|---------|---------|---------|---------|------------|------------|------------|-----------|------------|------------|------------|------------|-----|-----|
|                         |        | Clones       | Syft2-1 | Syft2-5 | OtV06-1* | OtV5* | OtV09-573* | OtV06-4* | OtV09-557* | OtV09-559* | OtV19-P | OtV19-O | OtV19-T | OtV19-R | OtV09-556* | OtV09-584* | OtV09-570* | OtV06-12* | OtV09-582* | OtV09-585* | OtV09-565* | OtV09-578* |     |     |
| Host strain             | Test 1 | NT1          | -       | -       | -        | -     | -          | -        | -          | -          | -       | -       | -       | -       | +/-        | +/-        | +/-        | +         | +          | +          | +          | +          |     |     |
|                         | Test 2 | NT1          | -       | -       | -        | -     | -          | -        | -          | -          | +/-     | -       | +/-     | -       | -          | -          | -          | +         | -          | +          | +          | +          |     |     |
|                         | Test 1 | NT10         | -       | -       | -        | -     | -          | -        | -          | -          | -       | -       | -       | -       | -          | +/-        | -          | +/-       | +          | +          | +          | +          |     |     |
|                         | Test 2 | NT10         | -       | -       | -        | -     | -          | -        | -          | -          | -       | -       | -       | -       | -          | -          | -          | -         | +          | +          | +          | +          |     |     |
|                         | Test 1 | T3           | -       | -       | -        | -     | -          | -        | -          | -          | -       | -       | -       | -       | -          | +/-        | -          | +         | +          | +          | +          | +/-        | +/- |     |
|                         | Test 2 | T3           | -       | -       | -        | -     | -          | -        | -          | -          | -       | +/-     | -       | +/-     | -          | -          | -          | +/-       | +          | +          | +          | +          | +/- | +/- |
|                         | Test 1 | T6           | -       | -       | -        | -     | -          | -        | -          | -          | -       | -       | -       | +/-     | -          | +/-        | +/-        | +         | +          | +          | +          | +          | +   |     |
|                         | Test 2 | T6           | -       | -       | -        | -     | -          | -        | -          | -          | -       | +/-     | -       | +/-     | -          | -          | -          | +/-       | +          | +          | +          | +          | +   | +/- |
|                         | Test 1 | T12          | -       | +       | -        | -     | -          | -        | -          | -          | -       | -       | -       | +/-     | -          | -          | +          | +         | -          | -          | -          | +          | +   |     |
|                         | Test 2 | T12          | -       | -       | -        | -     | -          | -        | -          | -          | +       | -       | +       | -       | -          | -          | +/-        | +         | -          | -          | -          | +          | +   |     |
|                         | Test 1 | T14          | -       | +       | -        | -     | -          | -        | -          | -          | -       | -       | -       | +       | -          | -          | +          | +         | -          | -          | -          | +          | +   |     |
|                         | Test 2 | T14          | -       | -       | -        | -     | -          | -        | -          | -          | +       | -       | +       | -       | -          | -          | -          | +         | -          | -          | -          | +          | +   |     |
|                         | Test 1 | T16          | -       | +       | -        | -     | -          | -        | -          | -          | -       | -       | -       | +       | -          | -          | +          | +         | -          | -          | -          | +          | +   |     |
|                         | Test 2 | T16          | -       | -       | -        | -     | -          | -        | -          | -          | +       | -       | +       | -       | -          | -          | -          | +         | -          | -          | -          | +          | +   |     |

Figure S3. Spectrum of viral infectivity of untransformed (NTx) and transformed (Tx) clonal lines to twenty prasinoviruses (\*viruses from Clerissi et al, 2012). Two plaque assay tests were carried out three months apart (Test 1 and Test 2). Dark yellow background: large difference in viral lysis phenotype in test 2 compared to test 1 result. Light yellow background: moderate difference in viral lysis phenotype in test 2 compared to test 1 result. -: no lysis; +: high lysis; +/-: low lysis.