

Nomenclature of the differential host-pathogen interactions of *Venturia inaequalis* and *Malus* for named scab resistance and/or virulence genes, for which gene-for-gene relationships have been shown. In some cases a (putative) F1 progeny of a nominated accession will be required to represent the *Malus* differential host or *V. inaequalis* race.

| <i>Malus</i> | | | <i>Venturia inaequalis</i> | | | | | |
|-------------------|----------------------------------|-----------------------------|----------------------------|--------------|-----------------------------|-------------|----------------------------|-----------|
| Differential host | | Phenotype | Resistance locus | | Avirulence locus | | Reference virulent isolate | |
| No. | Accession | | Historical | New | New | Old | Race | Accession |
| h(0) | (Royal) Gala | susceptibility | | - | - | | (0) | |
| h(1) | Golden Delicious | necrosis | <i>Vg</i> | <i>Rvi1</i> | <i>AvrRvi1</i> | | (1) | EU-B04 |
| h(2) | TSR34T15 | stellate necrosis | <i>Vh2 = Vr-A</i> | <i>Rvi2</i> | <i>AvrRvi2</i> | <i>p-9</i> | (2) | 1639 |
| h(3) | (F1 of) Geneva | stellate necrosis | <i>Vh3</i> | <i>Rvi3</i> | <i>AvrRvi3</i> | <i>p-10</i> | (3) | 1774-1 |
| h(4) | TSR33T239 | hypersensitive response | <i>Vh4 = Vx = Vr1</i> | <i>Rvi4</i> | <i>AvrRvi4^z</i> | | (4) | |
| h(5) | 9-AR2T196 | hypersensitive response | <i>Vm</i> | <i>Rvi5</i> | <i>AvrRvi5</i> | | (5) | |
| h(6) | Priscilla | chlorosis | <i>Vf</i> | <i>Rvi6</i> | <i>AvrRvi6</i> | | (6) | EU-D42 |
| h(7) | F1 of <i>M. x floribunda</i> 821 | hypersensitive response | <i>Vfh</i> | <i>Rvi7</i> | <i>AvrRvi7</i> | | (7) | 1066 |
| h(8) | GMAL3631-W193B | stellate necrosis | <i>Vh8</i> | <i>Rvi8</i> | <i>AvrRvi8</i> | | (8) | NZ188B.2 |
| h(9) | J34 (F1 of Dolgo) | stellate necrosis | <i>Vdolgo</i> | <i>Rvi9</i> | <i>AvrRvi9</i> | <i>p-8</i> | (9) | 1639 |
| h(10) | A723-6 | hypersensitive response | <i>Va</i> | <i>Rvi10</i> | <i>AvrRvi10^z</i> | | (10) | 302 |
| h(11) | A722-7 | stellate necrosis/chlorosis | <i>Vbj</i> | <i>Rvi11</i> | <i>AvrRvi11^z</i> | | (11) | |
| h(12) | Hansen's baccata #2 | chlorosis | <i>Vb</i> | <i>Rvi12</i> | <i>AvrRvi12^z</i> | | (12) | |
| h(13) | (F1 of) Durello di Forlì | stellate necrosis | <i>Vd</i> | <i>Rvi13</i> | <i>AvrRvi13^z</i> | | (13) | EU-NL05 |
| h(14) | (F1 of) Dölmener Rosen | chlorosis | <i>Vdr1</i> | <i>Rvi14</i> | <i>AvrRvi14^z</i> | | (14) | 301 |
| h(15) | GMAL2473 | hypersensitive response | <i>Vr2</i> | <i>Rvi15</i> | <i>AvrRvi15^z</i> | | (15) | |
| h(16) | MIS op 93.051 G07-098 | hypersensitive response | <i>Vmis</i> | <i>Rvi16</i> | <i>AvrRvi16^z</i> | | (16) | |
| h(17) | | chlorosis | <i>Vr</i> | <i>Rvi17</i> | <i>AvrRvi17^z</i> | | (17) | |

^z Gene-for-gene relationship and/or differential interactions not confirmed to date.

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