**Table S1.** The resistant alleles distribution of rice blast resistance genes in the Thai rice varieties, Japanese rice, and International rice varieties.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Origin/ source** | ***Pi9*** | ***Pizt*** | ***Pi50*** | ***Pigm(t)*** | ***Pid2*** | ***Pid3*** | ***Pia*** | ***Pik*** | ***Pi54*** | ***Pita*** | **Tol.** |
| 1 | Pha leuod khway |  Thai Northern lowland rice | R | S | S | R | S | R | S | S | S  | S | 3 |
| 2 | Dor e hen |  Thai Northern lowland rice | S | R | R | NA | R | R | S | S | S | R | 5 |
| 3 | Nang phim pha |  Thai Northern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 4 | Kaew peing |  Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 5 | Pha peing |  Thai Northern lowland rice | S | S | S | R | R | R | S | R | S | S | 4 |
| 6 | Leung pin thong |  Thai Northern lowland rice | R | S | S | S | NA | NA | S | S | S | S | 1 |
| 7 | Hom thu rein |  Thai Northern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 8 | Lam pang |  Thai Northern lowland rice | R | S | S | S | R | R | R | S | S | R | 5 |
| 9 | Leung aon | Thai Northern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 10 | Khaw leb | Thai Northern lowland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 11 | Leung aon | Thai Northern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 12 | Mae paed | Thai Northern lowland rice | S | S | S | R | S | NA | R | S | S | R | 3 |
| 13 | Sa mer jai | Thai Northern lowland rice | S | R | R | R | R | R | S | S | S | R | 6 |
| 14 | Khaw jan | Thai Northern lowland rice | R | R | R | R | S | R | S | S | S | S | 5 |
| 15 | Nhew leuod raed | Thai Northern lowland rice | S | R | R | NA | R | R | R | S | S | R | 6 |
| 16 | Kaew | Thai Northern lowland rice | R | R | R | R | NA | NA | S | S | S | S | 4 |
| 17 | Wang hin | Thai Northern lowland rice | R | R | S | R | S | R | S | S | S | S | 4 |
| 18 | Kab sang | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 19 | Joa hom | Thai Northern lowland rice | R | S | S | S | S | R | R | R | S | S | 4 |
| 20 | Dor Dor kpraw | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 21 | Leb chang | Thai Northern lowland rice | R | S | S | NA | S | R | S | S | S | S | 2 |
| 22 | Nang nooan | Thai Northern lowland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 23 | Kaew noi | Thai Northern lowland rice | R | S | R | R | R | R | S | S | R | S | 6 |
| 24 | Mhon | Thai Northern lowland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 25 | Kaew nam phung | Thai Northern lowland rice | R | S | R | R | R | R | R | S | S | S | 6 |
| 26 | Nam pak kood | Thai Northern lowland rice | R | S | S | R | R | R | S | S | S | S | 4 |
| 27 | Taeng aon | Thai Northern lowland rice | R | R | R | NA | NA | R | S | S | S | S | 4 |
| 28 | Nhew sam phiw | Thai Northern lowland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 29 | Man tun | Thai Northern lowland rice | R | S | R | R | R | R | S | S | S | S | 5 |
| 30 | Feung leung | Thai Northern lowland rice | R | S | S | R | S | NA | S | S | S | S | 2 |
| 31 | Ka long | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 32 | Lang kay mhon | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 33 | Lang kea lae | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 34 | Kab kaew | Thai Northern lowland rice | R | S | R | R | R | R | S | S | S | S | 5 |
| 35 | Dor nok kaen | Thai Northern lowland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 36 | Hwi | Thai Northern lowland rice | R | S | S | R | R | R | R | S | S | R | 6 |
| 37 | Dok pud yang | Thai Northern lowland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 38 | Nhew san pha tong | Thai Northern lowland rice | R | S | S | S | S | R | S | R | S | S | 3 |
| 39 | Ma tan | Thai Northern lowland rice | R | S | R | R | NA | R | S | S | S | R | 5 |
| 40 | Lay hla | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 41 | Lab pe | Thai Northern lowland rice | R | S | R | R | S | R | R | S | S | R | 6 |
| 42 | Dor ma na | Thai Northern lowland rice | R | S | S | R | R | R | S | S | S | R | 5 |
| 43 | Kae meaw | Thai Northern lowland rice | R | S | S | S | NA | R | S | S | S | S | 2 |
| 44 | Leung hom | Thai Northern lowland rice | R | S | S | R | NA | R | S | S | S | S | 3 |
| 45 | Khaw ti | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | R | 5 |
| 46 | Mae hang | Thai Northern lowland rice | R | S | S | R | NA | R | S | S | S | S | 3 |
| 47 | Lay Loung | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 48 | Ma ha wong | Thai Northern lowland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 49 | Pha kong noi | Thai Northern lowland rice | R | S | S | R | R | R | S | S | S | S | 4 |
| 50 | Dor hom | Thai Northern lowland rice | R | S | S | R | R | R | R | S | S | R | 6 |
| 51 | Nang tum | Thai Northeastern lowland rice | S | R | R | NA | R | R | R | S | S | R | 6 |
| 52 | Nhew khaw | Thai Northeastern lowland rice | R | S | R | R | S | R | S | S | S | R | 5 |
| 53 | Nhew san pha tong | Thai Northeastern lowland rice | R | S | S | R | S | R | S | S | S | R | 4 |
| 54 | Khi tum hom | Thai Northeastern lowland rice | R | S | S | R | R | R | S | S | S | R | 5 |
| 55 | Hom pa ma | Thai Northeastern lowland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 56 | Kaen jan | Thai Northeastern lowland rice | R | R | R | NA | R | R | R | S | S | R | 7 |
| 57 | Ai thod | Thai Northeastern lowland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 58 | Leung tong | Thai Northeastern lowland rice | R | R | R | S | R | R | S | S | S | S | 5 |
| 59 | Ai long ma | Thai Northeastern lowland rice | S | S | R | R | R | R | S | S | S | S | 4 |
| 60 | Ku kum | Thai Northeastern lowland rice | R | R | S | R | R | R | S | S | S | R | 6 |
| 61 | Dor hom | Thai Northeastern lowland rice | R | R | S | R | R | R | S | S | S | R | 6 |
| 62 | Hom nang nooan | Thai Northeastern lowland rice | R | R | R | S | R | R | S | S | S | R | 6 |
| 63 | Ai pun | Thai Northeastern lowland rice | R | R | R | NA | R | R | R | S | S | S | 6 |
| 64 | Khaw krung | Thai Northeastern lowland rice | R | R | R | NA | R | R | S | S | S | R | 6 |
| 65 | Khaw krung | Thai Northeastern lowland rice | R | R | R | NA | NA | R | S | S | S | R | 5 |
| 66 | Khaw set thi | Thai Northeastern lowland rice | R | R | R | NA | R | R | R | S | S | S | 6 |
| 67 | Khaw Kam | Thai Northeastern lowland rice | R | R | S | R | R | R | S | S | S | S | 5 |
| 68 | Hom hud | Thai Northeastern lowland rice | R | S | S | R | R | R | S | S | S | R | 5 |
| 69 | Hom ka set | Thai Northeastern lowland rice | R | S | S | S | R | R | S | S | S | S | 3 |
| 70 | Nhew hom ma li | Thai Northeastern lowland rice | R | S | R | S | R | R | S | S | S | R | 5 |
| 71 | Nhew loy | Thai Northeastern lowland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 72 | Khaw hom | Thai Northeastern lowland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 73 | Khaw hom | Thai Northeastern lowland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 74 | Khaw hom | Thai Northeastern lowland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 75 | Ai Dang | Thai Northeastern lowland rice | R | S | R | R | R | R | S | S | S | S | 5 |
| 76 | Hom tung | Thai Northeastern lowland rice | R | S | S | R | S | R | R | S | S | R | 5 |
| 77 | Dor dang | Thai Northeastern lowland rice | R | S | R | S | R | R | S | S | S | R | 5 |
| 78 | Khaw kung | Thai Northeastern lowland rice | R | R | R | NA | R | R | S | S | S | S | 5 |
| 79 | Nang nooan | Thai Northeastern lowland rice | R | S | R | S | R | R | S | S | S | R | 5 |
| 80 | Leung aon | Thai Northeastern lowland rice | R | R | R | S | R | R | R | S | S | R | 7 |
| 81 | Khaw ma li | Thai Northeastern lowland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 82 | Ai khaw hom | Thai Northeastern lowland rice | R | S | R | S | R | R | S | S | S | R | 5 |
| 83 | Hom in tok | Thai Northeastern lowland rice | R | S | R | NA | S | R | S | S | S | R | 4 |
| 84 | Hang yi 71 | Thai Northeastern lowland rice | R | R | R | R | S | R | R | S | S | S | 6 |
| 85 | Khi tum kam nan | Thai Northeastern lowland rice | R | R | S | NA | R | R | R | S | S | S | 5 |
| 86 | Hom pla siw | Thai Northeastern lowland rice | R | S | R | S | S | NA | S | S | S | R | 3 |
| 87 | Hom phae pha lo | Thai Northeastern lowland rice | R | R | R | S | R | R | R | S | S | R | 7 |
| 88 | Khaw nak | Thai Northeastern lowland rice | R | S | S | R | R | R | R | S | S | R | 6 |
| 89 | Leung lay | Thai Northeastern lowland rice | R | R | R | S | R | R | S | S | S | S | 5 |
| 90 | Bak mouy | Thai Northeastern lowland rice | R | R | R | R | R | R | R | S | S | R | 8 |
| 91 | Dang hloung | Thai Northeastern lowland rice | S | R | R | NA | S | R | S | S | S | R | 4 |
| 92 | Khaw pha ma | Thai Northeastern lowland rice | S | R | R | NA | R | R | R | S | S | S | 5 |
| 93 | Pra in | Thai Northeastern lowland rice | S | S | S | R | S | R | R | S | S | S | 3 |
| 94 | Khaw krung | Thai Northeastern lowland rice | R | S | R | S | S | R | S | S | S | R | 4 |
| 95 | Ma ou | Thai Northeastern lowland rice | R | S | R | R | S | R | S | S | S | R | 5 |
| 96 | Ai ko | Thai Northeastern lowland rice | R | S | S | R | S | R | S | S | S | R | 4 |
| 97 | Dok rim | Thai Northeastern lowland rice | S | S | R | NA | R | R | R | S | S | R | 5 |
| 98 | Dor khaw | Thai Northeastern lowland rice | S | S | R | NA | R | R | S | S | S | S | 3 |
| 99 | Leung klang | Thai Northeastern lowland rice | R | S | R | S | R | R | R | S | S | S | 5 |
| 100 | Mang dan | Thai Northeastern lowland rice | S | S | S | R | S | R | R | S | S | S | 3 |
| 101 | Khaw sa ong |  Thai Central lowland rice | R | S | R | S | S | R | R | S | S | S | 4 |
| 102 | Khaw phoung | Thai Central lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 103 | Khaw hom | Thai Central lowland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 104 | Hom tung | Thai Central lowland rice | R | R | S | S | R | R | S | R | S | S | 5 |
| 105 | Hom tung | Thai Central lowland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 106 | Leung hom | Thai Central lowland rice | R | S | S | S | R | R | R | S | R | S | 5 |
| 107 | Hom in dia | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 108 | Hom ma li | Thai Central lowland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 109 | Khaw cha wat | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 110 | Ta pi | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 111 | Khaw sa wad | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 112 | Khaw ta hang | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 113 | Khaw kaew | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 114 | Hom ma li | Thai Central lowland rice | R | S | S | S | NA | R | S | S | S | S | 2 |
| 115 | Leung hom | Thai Central lowland rice | R | R | R | S | NA | R | S | S | S | S | 4 |
| 116 | Leung teiy | Thai Central lowland rice | R | S | S | S | NA | R | R | S | S | S | 3 |
| 117 | Leung hom | Thai Central lowland rice | R | S | S | S | NA | R | R | S | S | S | 3 |
| 118 | Bao hom | Thai Central lowland rice | R | S | S | R | NA | R | S | S | S | S | 3 |
| 119 | Nang yuon | Thai Central lowland rice | S | S | S | R | NA | R | R | S | S | R | 4 |
| 120 | Bang ka pi | Thai Central lowland rice | R | S | S | R | NA | R | S | S | S | S | 3 |
| 121 | Kaen taeng | Thai Central lowland rice | R | S | R | R | NA | R | R | S | S | S | 5 |
| 122 | Nang pa ya | Thai Central lowland rice | S | S | S | R | S | R | S | S | S | R | 3 |
| 123 | Khaw Luong | Thai Central lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 124 | Leung ra hang | Thai Central lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 125 | Leung tong kum | Thai Central lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 126 | Khaw e jeek | Thai Central lowland rice | S | S | S | R | R | S | S | S | S | S | 2 |
| 127 | Leung pra tiw | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 128 | Khaw kor dew | Thai Central lowland rice | S | S | S | R | R | NA | R | S | S | S | 3 |
| 129 | Khaw set thi | Thai Central lowland rice | S | S | S | S | R | R | R | S | S | R | 4 |
| 130 | Khaw luong | Thai Central lowland rice | R | S | S | S | R | R | R | S | S | R | 5 |
| 131 | Luong pra taan teiy | Thai Central lowland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 132 | Leung aon | Thai Central lowland rice | R | S | S | R | S | R | R | S | S | R | 5 |
| 133 | Khaw sa mer | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 134 | Leung nooan | Thai Central lowland rice | S | S | S | R | R | R | R | S | R | R | 6 |
| 135 | Ti si | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 136 | Leung roi et | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 137 | Leung tong kum | Thai Central lowland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 138 | Ha roung hom | Thai Central lowland rice | S | S | S | NA | R | R | S | S | S | R | 3 |
| 139 | Nang dam | Thai Central lowland rice | S | S | S | S | R | R | R | S | S | S | 3 |
| 140 | Poung pa yeom | Thai Central lowland rice | R | S | S | R | S | R | R | R | S | S | 5 |
| 141 | Khaw pra koud | Thai Central lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 142 | Khaw ta hang rang si | Thai Central lowland rice | S | S | S | R | NA | R | S | S | S | R | 3 |
| 143 | Leung pin kaew | Thai Central lowland rice | S | S | S | S | R | R | S | S | S | R | 3 |
| 144 | Khaw sa aad | Thai Central lowland rice | R | S | S | S | S | R | R | R | S | S | 4 |
| 145 | Hom ku laab | Thai Central lowland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 146 | Hom ta krai | Thai Central lowland rice | S | R | S | R | R | R | R | S | S | S | 5 |
| 147 | Pin kaew bao | Thai Central lowland rice | S | R | S | S | S | NA | S | R | S | R | 3 |
| 148 | Pra tun ta ni 1 | Thai Central lowland rice | S | S | S | R | S | S | R | S | R | S | 3 |
| 149 | Tul |  Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 150 | Dang chai ta lae | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 151 | Sai khaw | Thai Southern lowland rice | S | S | S | S | R | R | S | S | S | R | 3 |
| 152 | Kor lae | Thai Southern lowland rice | S | R | S | R | R | R | S | S | S | S | 4 |
| 153 | Chong re | Thai Southern lowland rice | S | S | S | R | R | R | S | R | S | R | 5 |
| 154 | Ya sai | Thai Southern lowland rice | S | S | R | NA | R | R | S | S | S | R | 4 |
| 155 | Khaw bao | Thai Southern lowland rice | S | S | S | R | R | R | R | S | R | R | 6 |
| 156 | Khaw kerd | Thai Southern lowland rice | S | R | S | R | R | R | S | S | S | R | 5 |
| 157 | Khaw look wein | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 158 | Nhew look phung | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 159 | Hom jan | Thai Southern lowland rice | S | R | S | R | R | R | S | S | S | R | 5 |
| 160 | Hoa na | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 161 | Bao nam kaang | Thai Southern lowland rice | S | R | S | R | R | R | R | R |  | S | 6 |
| 162 | Hom jan | Thai Southern lowland rice | S | S | R | R | R | R | S | S | S | S | 4 |
| 163 | pa ya yud chang | Thai Southern lowland rice | S | R | S | R | R | R | S | S | S | R | 5 |
| 164 | Hoa na | Thai Southern lowland rice | S | R | S | S | R | R | R | R | S | S | 5 |
| 165 | Look chang | Thai Southern lowland rice | S | R | R | NA | R | R | R | S | S | R | 6 |
| 166 | Unknown1 | Thai Southern lowland rice | S | R | R | NA | R | R | R | S | S | R | 6 |
| 167 | Sang yood | Thai Southern lowland rice | S | R | S | R | NA | R | R | S | S | R | 5 |
| 168 | Hom jan | Thai Southern lowland rice | S | S | R | NA | R | R | S | R | S | S | 4 |
| 169 | Hom jan | Thai Southern lowland rice | S | S | R | R | R | R | S | S | S | R | 5 |
| 170 | Khaw hom | Thai Southern lowland rice | S | S | R | R | R | R | S | S | S | R | 5 |
| 171 | Hom jan | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 172 | Khae nok | Thai Southern lowland rice | S | R | S | R | R | R | S | S | S | S | 4 |
| 173 | Hong Tong | Thai Southern lowland rice | S | R | S | S | R | R | R | S | S | S | 4 |
| 174 | Nhew hom dam | Thai Southern lowland rice | S | S | R | R | S | R | R | R | S | R | 6 |
| 175 | Hom | Thai Southern lowland rice | R | R | R | R | R | R | R | R | S | S | 8 |
| 176 | Puong waii | Thai Southern lowland rice | S | S | R | R | R | R | R | S | S | S | 5 |
| 177 | Look dang | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 178 | Nuoy keua | Thai Southern lowland rice | S | S | R | NA | R | R | S | S | S | R | 4 |
| 179 | Bao hom | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 180 | Pin kaew | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 181 | Pin kaew bao | Thai Southern lowland rice | S | S | S | S | R | R | R | S | S | R | 4 |
| 182 | Nhew tan | Thai Southern lowland rice | S | S | S | S | S | R | R | S | S | S | 2 |
| 183 | Hom ma li | Thai Southern lowland rice | S | S | S | R | S | R | S | S | S | S | 2 |
| 184 | Chang oum | Thai Southern lowland rice | R | S | S | R | R | S | S | S | S | R | 4 |
| 185 | Bao look wai | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 186 | Hom look kery | Thai Southern lowland rice | S | R | S | R | R | R | R | S | S | S | 5 |
| 187 | Leung aon | Thai Southern lowland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 188 | Tong hom | Thai Southern lowland rice | S | S | R | S | R | R | S | R | S | S | 4 |
| 189 | Hom chai ya | Thai Southern lowland rice | S | S | S | R | S | R | S | S | S | R | 3 |
| 190 | Lab nok pad ta ni | Thai Southern lowland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 191 | Look dang pad ta ni | Thai Southern lowland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 192 | Cheeang pad ta lung | Thai Southern lowland rice | S | S | S | R | NA | R | S | S | S | S | 2 |
| 193 | Cheeang | Thai Southern lowland rice | S | S | S | S | R | R | S | S | S | R | 3 |
| 194 | Dor hom 26 |  Thai Northern upland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 195 | Nhew san pha tong |  Thai Northern upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 196 | Haw |  Thai Northern upland rice | S | S | S | S | R | R | S | S | S | S | 2 |
| 197 | Dok pud |  Thai Northern upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 198 | Ai lung |  Thai Northern upland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 199 | Kai hai |  Thai Northern upland rice | R | S | R | R | S | R | S | S | S | R | 5 |
| 200 | Paer nai khaw |  Thai Northern upland rice | R | S | S | S | S | R | S | R | S | S | 3 |
| 201 | Unknown2 |  Thai Northern upland rice | S | S | S | S | S | S | S | R | R | S | 2 |
| 202 | Lor |  Thai Northern upland rice | R | S | R | R | S | R | S | S | S | R | 5 |
| 203 | Khaw reng |  Thai Northern upland rice | R | S | R | S | S | R | R | R | R | S | 6 |
| 204 | Hom mae jo |  Thai Northern upland rice | S | R | R | NA | R | R | R | S | S | S | 5 |
| 205 | Ma waii |  Thai Northern upland rice | S | S | S | S | S | NA | S | R | S | S | 1 |
| 206 | Feung kum |  Thai Northern upland rice | R | S | R | R | S | R | S | R | S | S | 5 |
| 207 | Dor laos |  Thai Northern upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 208 | Long khi kai |  Thai Northern upland rice | R | S | R | R | S | R | R | S | S | S | 5 |
| 209 | Hom tong |  Thai Northern upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 210 | Feung ngam |  Thai Northern upland rice | S | R | R | NA | S | R | S | S | S | S | 3 |
| 211 | Unknown3 |  Thai Northern upland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 212 | Dor hom |  Thai Northern upland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 213 | Dor hom |  Thai Northern upland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 214 | Dor hom |  Thai Northern upland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 215 | Siw dang |  Thai Northern upland rice | R | S | S | S | S | R | S | R | S | S | 3 |
| 216 | Jao hom |  Thai Northern upland rice | S | S | S | S | S | R | S | S | S | R | 2 |
| 217 | Kra teun dang |  Thai Northern upland rice | S | S | S | S | S | S | R | S | R | S | 2 |
| 218 | Se sa |  Thai Northern upland rice | R | S | R | R | R | R | R | S | S | R | 7 |
| 219 | Long khi kay |  Thai Northern upland rice | S | R | S | NA | R | R | S | S | S | R | 4 |
| 220 | Lab chang |  Thai Northern upland rice | S | R | R | NA | R | R | S | S | S | R | 5 |
| 221 | Leung |  Thai Northern upland rice | R | S | R | R | S | R | S | R | S | S | 5 |
| 222 | Nhew lai |  Thai Northern upland rice | S | S | S | S | S | NA | S | R | S | S | 1 |
| 223 | Unknown4 |  Thai Northern upland rice | S | S | S | S | S | S | R | S | R | S | 2 |
| 224 | Khaw haw |  Thai Northern upland rice | R | S | S | S | S | R | S | R | S | S | 3 |
| 225 | Unknown5 |  Thai Northern upland rice | R | S | S | S | R | R | S | S | S | S | 3 |
| 226 | Ja tae |  Thai Northern upland rice | R | S | S | R | S | S | S | S | S | S | 2 |
| 227 | Or mae ma |  Thai Northern upland rice | S | S | S | R | S | R | S | R | S | S | 3 |
| 228 | Ja nor beu |  Thai Northern upland rice | R | S | S | S | NA | R | S | S | S | S | 2 |
| 229 | Beeaw keem seeaw |  Thai Northern upland rice | R | S | S | R | S | S | R | R | R | S | 5 |
| 230 | Blae blood |  Thai Northern upland rice | R | S | S | R | S | S | S | S | R | S | 3 |
| 231 | Blae la goo goh |  Thai Northern upland rice | R | S | S | R | S | S | S | S | R | S | 3 |
| 232 | Blae kor |  Thai Northern upland rice | R | S | S | R | S | S | S | S | R | S | 3 |
| 233 | Leung pra tan yery wai |  Thai Northern upland rice | S | S | S | S | R | R | S | S | S | S | 2 |
| 234 | ma li 3 |  Thai Northern upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 235 | Lee sor |  Thai Northern upland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 236 | Kam |  Thai Northern upland rice | R | S | R | S | S | R | S | S | S | R | 4 |
| 237 | Blae jai |  Thai Northern upland rice | S | S | S | S | NA | R | S | S | R | S | 2 |
| 238 | Khaw pai |  Thai Northern upland rice | S | S | S | S | S | R | S | S | S | S | 1 |
| 239 | Ja nu nair nair |  Thai Northern upland rice | R | S | S | R | S | S | R | R | R | S | 5 |
| 240 | Khaw how |  Thai Northeastern upland rice | R | R | S | S | R | R | S | S | S | S | 4 |
| 241 | Nhew dam |  Thai Northeastern upland rice | S | S | S | R | R | NA | R | S | S | S | 3 |
| 242 | Hom |  Thai Northeastern upland rice | S | S | S | R | S | R | R | R | S | S | 4 |
| 243 | Ai non |  Thai Northeastern upland rice | S | S | S | S | S | S | S | R | R | S | 2 |
| 244 | Khaw how |  Thai Northeastern upland rice | R | S | R | R | S | R | S | S | S | S | 4 |
| 245 | Leung chang |  Thai Northeastern upland rice | R | R | R | S | R | R | S | S | NA | S | 5 |
| 246 | Ai meud |  Thai Northeastern upland rice | S | R | R | NA | R | R | R | S | S | S | 5 |
| 247 | Ai neung |  Thai Northeastern upland rice | S | S | R | NA | R | R | R | S | S | S | 4 |
| 248 | Hom dong |  Thai Northeastern upland rice | S | S | S | R | S | R | R | S | S | S | 3 |
| 249 | Dor hom |  Thai Northeastern upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 250 | Hom dong |  Thai Northeastern upland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 251 | Rak hairng |  Thai Northeastern upland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 252 | Jao dang |  Thai Northeastern upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 253 | Khaw rai |  Thai Northeastern upland rice | R | S | S | S | S | R | S | S | NA | R | 3 |
| 254 | Chao Kao |  Thai Northeastern upland rice | R | S | S | S | NA | R | S | S | S | S | 2 |
| 255 | Krim kra chai |  Thai Northeastern upland rice | S | S | S | R | S | R | R | S | S | S | 3 |
| 256 | Khaw |  Thai Northeastern upland rice | S | R | R | R | S | R | R | R | S | S | 6 |
| 257 | Dang |  Thai Northeastern upland rice | S | S | R | R | R | R | R | S | S | S | 5 |
| 258 | Mhak yeom |  Thai Northeastern upland rice | S | S | S | R | S | R | R | S | S | S | 3 |
| 259 | Ka san |  Thai Northeastern upland rice | R | S | S | S | S | R | S | R | S | R | 4 |
| 260 | Pae |  Thai Northeastern upland rice | R | S | S | S | S | R | S | R | S | S | 3 |
| 261 | Lai |  Thai Northeastern upland rice | R | S | S | R | S | R | R | S | S | S | 4 |
| 262 | Khaw ta pae |  Thai Northeastern upland rice | S | S | S | NA | R | R | R | S | S | S | 3 |
| 263 | Hom dong |  Thai Northeastern upland rice | R | S | S | R | R | R | S | S | S | R | 5 |
| 264 | Chao kao |  Thai Northeastern upland rice | S | S | S | R | R | R | S | R | S | R | 5 |
| 265 | Nang nooan |  Thai Northeastern upland rice | R | S | S | S | R | R | S | S | S | S | 3 |
| 266 | Nang sa oad |  Thai Northeastern upland rice | S | S | S | S | R | R | R | S | S | S | 3 |
| 267 | San pa tong |  Thai Northeastern upland rice | S | R | S | NA | R | R | S | S | S | S | 3 |
| 268 | Kam |  Thai Northeastern upland rice | S | S | R | R | S | R | S | S | S | R | 4 |
| 269 | Hang moo |  Thai Northeastern upland rice | R | R | S | S | R | R | S | S | S | S | 4 |
| 270 | Plorng airw |  Thai Northeastern upland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 271 | Dok pra doo |  Thai Northeastern upland rice | S | S | S | S | NA | R | S | S | S | S | 1 |
| 272 | Ai leung |  Thai Northeastern upland rice | R | R | S | R | S | R | R | S | R | S | 6 |
| 273 | Khaw saw |  Thai Northeastern upland rice | S | S | R | S | S | R | S | S | S | S | 2 |
| 274 | Khaw tud ngon |  Thai Northeastern upland rice | S | S | S | S | S | S | S | S | R | S | 1 |
| 275 | Pra siw |  Thai Northeastern upland rice | S | R | S | R | NA | R | S | S | S | S | 3 |
| 276 | Long na |  Thai Northeastern upland rice | R | S | S | R | S | S | R | S | S | S | 3 |
| 277 | PW 237 |  Thai Central upland rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 278 | Khaw pa ma | Thai Central upland rice | S | S | S | NA | NA | R | S | S | S | S | 1 |
| 279 | 55NM S-4Neu | Thai Central upland rice | R | S | S | S | R | R | S | S | S | R | 4 |
| 280 | Khaw dang | Thai Central upland rice | S | S | S | S | S | S | R | R | S | S | 2 |
| 281 | Leung | Thai Central upland rice | S | S | S | R | NA | R | S | R | R | S | 4 |
| 282 | Hom aum | Thai Central upland rice | S | S | S | S | NA | R | S | S | S | R | 2 |
| 283 | Hom bai | Thai Central upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 284 | Lory ha rooang | Thai Central upland rice | S | S | S | S | S | R | R | S | S | S | 2 |
| 285 | Leung kra bang | Thai Central upland rice | R | S | R | S | R | R | S | R | S | S | 5 |
| 286 | Puong tong | Thai Central upland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 287 | Khaw dang | Thai Central upland rice | S | S | S | R | NA | R | R | R | S | S | 4 |
| 288 | Khaw ka men | Thai Central upland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 289 | Eree wong pu dong | Thai Central upland rice | S | S | S | R | S | S | R | S | R | S | 3 |
| 290 | Pery ter | Thai Central upland rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 291 | Beung wo | Thai Central upland rice | S | S | S | S | S | R | R | R | S | S | 3 |
| 292 | Ai thai | Thai Central upland rice | S | R | S | R | S | R | R | S | R | S | 5 |
| 293 | Bae ooa poo | Thai Central upland rice | R | S | S | R | S | R | S | S | R | S | 4 |
| 294 | Neua paer | Thai Central upland rice | R | S | S | R | S | R | S | S | R | S | 4 |
| 295 | Bae bong | Thai Central upland rice | S | S | R | S | S | R | R | S | R | S | 4 |
| 296 | Ai kao pae | Thai Central upland rice | R | S | S | S | S | NA | S | R | S | S | 2 |
| 297 | Khaw ah kad | Thai Central upland rice | S | S | R | S | R | R | S | S | S | S | 3 |
| 298 | Khaw dok ma li | Thai Central upland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 299 | Pra perng | Thai Central upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 300 | Leung hai | Thai Central upland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 301 | Hin kong | Thai Central upland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 302 | Ta pao lom | Thai Central upland rice | S | S | S | R | NA | R | R | S | S | R | 4 |
| 303 | Nam sa kuy 19 | Thai Central upland rice | S | S | S | R | R | R | S | R | S | S | 4 |
| 304 | Pleuak khaw | Thai Central upland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 305 | Unknown6 | Thai Central upland rice | R | R | R | S | S | R | S | R | S | R | 6 |
| 306 | Yao hai | Thai Central upland rice | S | S | S | S | R | R | R | S | S | R | 4 |
| 307 | Beu ner ber | Thai Central upland rice | R | S | S | R | S | R | S | S | S | S | 3 |
| 308 | Oay leeaw | Thai Central upland rice | R | S | R | S | S | R | R | S | S | S | 4 |
| 309 | Jao khaw | Thai Central upland rice | S | S | S | NA | S | R | S | S | S | S | 1 |
| 310 | Leung rai | Thai Central upland rice | R | R | S | S | R | R | S | S | S | S | 4 |
| 311 | Pooh yai lee | Thai Central upland rice | S | S | S | R | R | NA | S | S | S | R | 3 |
| 312 | Hom ma li rai | Thai Central upland rice | R | S | S | S | S | R | S | S | S | R | 3 |
| 313 | Pa per | Thai Central upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 314 | Khaw dang | Thai Central upland rice | S | S | S | S | R | R | R | S | S | R | 4 |
| 315 | Unknown7 | Thai Central upland rice | R | S | S | S | R | R | S | S | R | S | 4 |
| 316 | Unknown8 | Thai Central upland rice | R | S | S | S | S | R | S | S | S | S | 2 |
| 317 | Dok hom |  Thai Southern upland rice | S | S | S | S | NA | S | S | S | S | S | 0 |
| 318 | Sai |  Thai Southern upland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 319 | Dok pa yeom |  Thai Southern upland rice | S | S | S | R | R | R | S | R | S | S | 4 |
| 320 | Hom poang |  Thai Southern upland rice | S | R | R | NA | NA | S | S | S | R | S | 3 |
| 321 | Lab nok |  Thai Southern upland rice | S | S | S | NA | S | S | S | S | R | R | 2 |
| 322 | Jairk |  Thai Southern upland rice | S | S | S | S | R | R | S | S | S | S | 2 |
| 323 | Ya mor |  Thai Southern upland rice | S | S | R | S | R | R | S | S | S | S | 3 |
| 324 | Ya yor |  Thai Southern upland rice | S | S | S | R | R | R | R | S | S | S | 4 |
| 325 | Jeu laa ngor |  Thai Southern upland rice | S | S | S | R | R | R | R | S | S | R | 5 |
| 326 | Leung |  Thai Southern upland rice | S | S | R | R | R | R | S | S | S | S | 4 |
| 327 | Soo por ming |  Thai Southern upland rice | R | S | S | R | R | R | S | S | S | S | 4 |
| 328 | Nang muy dok kairk |  Thai Southern upland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 329 | Hom |  Thai Southern upland rice | S | S | S | R | NA | R | S | S | S | R | 3 |
| 330 | Feun din |  Thai Southern upland rice | R | S | S | S | R | R | R | S | S | S | 4 |
| 331 | Pa sae |  Thai Southern upland rice | S | S | S | S | R | R | S | S | S | S | 2 |
| 332 | Morng |  Thai Southern upland rice | S | S | S | NA | R | R | S | S | S | S | 2 |
| 333 | Ar nor ma dor |  Thai Southern upland rice | R | S | S | R | R | R | R | S | S | S | 5 |
| 334 | Seu ra |  Thai Southern upland rice | S | S | S | NA | NA | R | S | S | S | S | 1 |
| 335 | Ya bo je nor |  Thai Southern upland rice | S | S | S | S | NA | NA | S | S | S | S | 0 |
| 336 | Mor me ngeng |  Thai Southern upland rice | S | S | S | R | NA | R | S | S | S | S | 2 |
| 337 | Leung |  Thai Southern upland rice | S | R | S | R | R | R | S | S | S | S | 4 |
| 338 | Bao leung |  Thai Southern upland rice | R | S | S | NA | NA | S | S | S | R | S | 2 |
| 339 | Book yah |  Thai Southern upland rice | R | S | S | S | S | S | S | S | S | S | 1 |
| 340 | Keeaw |  Thai Southern upland rice | R | S | S | NA | R | R | S | S | S | S | 3 |
| 341 | Je san |  Thai Southern upland rice | R | R | R | NA | NA | R | S | S | S | S | 4 |
| 342 | Dok praw |  Thai Southern upland rice | S | S | S | NA | NA | R | S | S | S | S | 1 |
| 343 | Ya lam pae |  Thai Southern upland rice | R | R | S | NA | R | R | S | S | S | S | 4 |
| 344 | Yi tair sa ming |  Thai Southern upland rice | R | S | S | NA | NA | R | S | S | S | R | 3 |
| 345 | Dok pud |  Thai Southern upland rice | S | S | S | R | NA | R | S | S | S | S | 2 |
| 346 | Dok mud |  Thai Southern upland rice | S | S | S | S | NA | R | S | S | S | S | 1 |
| 347 | Bao ti |  Thai Southern upland rice | S | S | S | R | R | R | S | S | S | R | 4 |
| 348 | Aun lee ba ba  |  Thai Southern upland rice | S | R | S | S | S | NA | S | S | S | R | 2 |
| 349 | Pae nae |  Thai Southern upland rice | S | S | S | NA | R | R | R | R | S | R | 5 |
| 350 | Nang rung |  Thai Southern upland rice | R | S | S | R | NA | R | S | S | S | S | 3 |
| 351 | Khaw ma lay |  Thai Southern upland rice | R | S | S | R | R | R | S | S | S | S | 4 |
| 352 | Khaw rai |  Thai Southern upland rice | S | S | S | NA | S | S | S | S | R | R | 2 |
| 353 | Kem ngern rai |  Thai Southern upland rice | S | S | S | S | S | S | S | S | R | S | 1 |
| 354 | Nhew dam pleuak dam |  Thai Southern upland rice | R | S | S | R | S | S | R | S | R | S | 4 |
| 355 | Nhew dam pleuak dam |  Thai Southern upland rice | R | S | S | R | S | S | S | S | R | S | 3 |
| 356 | Nhew dang |  Thai Southern upland rice | S | S | S | NA | NA | S | S | S | R | S | 1 |
| 357 | Nhew dam pleuak khaw |  Thai Southern upland rice | R | S | S | S | S | S | S | S | R | S | 2 |
| 358 | Dam nok la |  Thai Southern upland rice | R | S | S | R | S | S | S | S | S | S | 2 |
| 359 | Dok mud |  Thai Southern upland rice | R | S | S | R | S | S | S | S | R | S | 3 |
| 360 | Dok pa yeom rai |  Thai Southern upland rice | R | S | S | S | S | S | R | S | R | S | 3 |
| 361 | Dok pa yeom |  Thai Southern upland rice | S | S | S | R | NA | S | S | R | R | S | 3 |
| 362 | Nhew dam rai |  Thai Southern upland rice | R | S | S | S | NA | S | S | S | S | S | 1 |
| 363 | Lab nok rai |  Thai Southern upland rice | S | S | S | R | NA | R | S | S | S | S | 2 |
| 364 | RD 27 |  Thai improved rice | R | R | S | NA | R | R | S | S | S | R | 5 |
| 365 | Phitsanulok 60-1 | Thai improved rice | R | R | S | NA | R | R | R | R | S | R | 7 |
| 366 | Chum Phae 60 | Thai improved rice | S | R | S | NA | R | R | S | S | S | S | 3 |
| 367 | RD 13 | Thai improved rice | S | R | R | NA | R | R | S | S | S | R | 5 |
| 368 | RD 15 | Thai improved rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 369 | Plai Ngahm Prachin Buri | Thai improved rice | R | S | S | NA | R | R | S | S | S | S | 3 |
| 370 | RD 8 | Thai improved rice | S | S | S | S | S | R | R | S | S | S | 2 |
| 371 | RD 6 | Thai improved rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 372 | Khaw jao Prachin buri | Thai improved rice | S | S | S | R | R | R | S | S | S | S | 3 |
| 373 | Nhew ubon1 | Thai improved rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 374 | Nhew ubon 2 | Thai improved rice | S | S | S | S | S | R | R | R | S | S | 3 |
| 375 | Khaw jao hom Phitsanulok 1 | Thai improved rice | R | S | S | R | R | R | S | R | S | S | 5 |
| 376 | Phitsanulok 3 | Thai improved rice | R | R | S | NA | R | R | S | S | S | R | 5 |
| 377 | Phitsanulok 80 | Thai improved rice | R | S | S | S | S | R | R | R | S | S | 4 |
| 378 | Ayudtaya 1 | Thai improved rice | R | S | S | R | R | R | S | S | S | S | 4 |
| 379 | RD 12 | Thai improved rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 380 | RD 35 | Thai improved rice | R | S | S | S | S | R | R | R | S | S | 4 |
| 381 | RD 45 | Thai improved rice | R | S | S | S | S | R | R | S | S | S | 3 |
| 382 | Sang Yod Phattalung | Thai improved rice | R | R | R | R | R | R | S | S | S | R | 7 |
| 383 | Leung | Thai improved rice | R | S | S | R | R | R | S | S | S | R | 5 |
| 384 | Khaw Pong krai | Thai improved rice | R | S | S | R | S | R | R | S | S | S | 4 |
| 385 | Kub2:C59mamoto1 | Kumamoto, Japan | S | S | NA | R | NA | R | S | R | S | S | 3 |
| 386 | Saikai295 | Fukuoka, Japan | S | S | NA | S | NA | S | S | R | S | S | 1 |
| 387 | Etsunan246 | Fukui, Japan | S | S | NA | S | NA | S | R | R | R | R | 4 |
| 388 | Ouu357 | Akita, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 389 | Musashikogane | Saitama, Japan | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 390 | Etsunan230 | Fukui, Japan | R | R | NA | S | NA | S | R | R | S | R | 5 |
| 391 | Kantou200 | Ibaraki, Japan | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 392 | Kantou Mochi 201 | Ibaraki, Japan | R | S | NA | R | NA | R | R | S | S | R | 5 |
| 393 | Sakai 242 | Fukuoka, Japan | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 394 | Nipponbare | Saga, Japan | R | S | NA | S | NA | S | R | S | S | R | 3 |
| 395 | Tosanishiki | Hiroshima, Japan | R | S | NA | R | NA | S | R | R | S | R | 5 |
| 396 | Suruga Mochi | Shizuoka, Japan | R | S | NA | R | NA | S | S | R | S | S | 3 |
| 397 | Kihou | Aichi, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 398 | Okuhomare | Aomori, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 399 | Kinmon Nishiki | Nagano, Japan | S | S | NA | S | NA | S | R | R | R | R | 4 |
| 400 | Imochi Chuubo 1 | Aomori, Japan | R | S | NA | S | NA | S | S | R | R | S | 3 |
| 401 | Natsukogane | Kagoshima, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 402 | Nishihomare | Miyazaki, Japan | R | R | NA | R | NA | S | S | S | S | S | 3 |
| 403 | Oitaomachi 50 | Oita, Japan | R | S | NA | R | NA | S | S | R | S | S | 3 |
| 404 | Nakai Mochi 50 | Miyazaki, Japan | R | S | NA | R/S | NA | S | R | R | S | R | 5 |
| 405 | San-In 88 | Shimane, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 406 | Tamahimemochi | Kouchi, Japan | R | S | NA | R | NA | S | S | R | S | S | 3 |
| 407 | Oozora | Aichi, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 408 | Tochigishouwa Ni | Tochigi, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 409 | Jintsu | Toyama, Japan | R | S | NA | R | NA | S | S | S | S | S | 2 |
| 410 | Yamano Hikari | Ishikawa, Japan | R | S | NA | R | NA | S | S | R | R/S | S | 4 |
| 411 | Hozoroi 3 | Yamanashi, Japan | R | S | NA | R | NA | S | S | S | S | S | 2 |
| 412 | Mansaku9 | Gifu, Japan | S\* | S | NA | S | NA | S | S | R | S | S | 1 |
| 413 | Asahi4 | Kyoto, Japan | R | S | NA | R | NA | S | S | S | R | S | 3 |
| 414 | Chiyonishiki | Aichi, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 415 | Hokusetsu | Hokkaido, Japan | R | S | NA | R | NA | S | S | S | S | S | 2 |
| 416 | Kogane Hikari | Miyagi, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 417 | Kaguyamamochi | Aomori, Japan | R | S | NA | R | NA | S | S | R | S | S | 3 |
| 418 | Akihikari | Aomori, Japan | R | S | NA | S | NA | S | S | R | R | S | 3 |
| 419 | Sasanishiki | Miyagi, Japan | R | S | NA | S | NA | S | S | R | R | S | 3 |
| 420 | Toyonishiki | Akita, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 421 | Kogane Mochi | Niigata, Japan | R | S | NA | R | NA | S | S | R | R | S | 4 |
| 422 | Himeno Mochi | Akita, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 423 | Hitome Bore Wild Rice Waxy 2  | Ibaraki, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 424 | Hinohikari | Miyazaki, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 425 | Akitakomachi | Akita, Japan | S | S | NA | S | NA | S | S | R | S | S | 1 |
| 426 | Kinuhikari | Niigata, Japan | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 427 | Koshihikari (X) | Unknown, Japan | R | S | NA | S | NA | S | S | R | S | S | 2 |
| 428 | Nucleoryza | Austria | S | S | NA | S | NA | S | S | S | S | S | 0 |
| 429 | P 1319 | Turkey | S | S | NA | S | NA | S | S | R | R/S | S | 2 |
| 430 | Flown | Dominica Republic | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 431 | Choul | Iraq | S | S | NA | R/S | NA | R | S | R | R | S | 4 |
| 432 | Cotaxtla A66 | Mexico | R | S | NA | S | NA | S | S | S | R | S | 2 |
| 433 | Palo Gordo A | El Salvador | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 434 | 1-4-1-2-2-4 | Australia | R | S | NA | R | NA | S | S | R | S | S | 3 |
| 435 | Pg 503 | El Salvador | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 436 | L.K.V.R. | Hungary | S | S | NA | S | NA | S | S | S | S | S | 0 |
| 437 | Cesariot | France | R | S | NA | S | NA | S | S | S | R | S | 2 |
| 438 | Wc4197 | Italy | R | S | NA | S | NA | S | S | S | R | S | 2 |
| 439 | Vary Lava 1302 | Madagascar | S | S | NA | S | NA | S | S | R | R | S | 2 |
| 440 | Perlita Jalapa | Guatemala | R | S | NA | S | NA | S | S | S | S | S | 1 |
| 441 | Sraguna Braunca Der Nos Violaceos | Portugal | S | S | NA | S | NA | S | S | S | R | S | 1 |
| 442 | M2 | Poland | R | S | NA | S | NA | S | S | S | R | S | 2 |
| 443 | Yamani | Argentina | R | S | NA | S | NA | S | S | R | R/S | S | 3 |
| 444 | Irri338 | Republic of Korea | R | S | NA | R | NA | R | S | R | R | S | 5 |
| 445 | Pla3 | India | R | R | NA | R/S | NA | R | R | R | R/S | R | 8 |
| 446 | Lonthwe Shwewa-1 | Myanmar | R | S | NA | R | NA | R | S | S | R | S | 4 |
| 447 | Basmati | Nepal | S | R | NA | R | NA | R | S | S | R | S | 4 |
| 448 | Yepwa | Myanmar | S | S | NA | S | NA | R | S | S | S | S | 1 |
| 449 | Bu Tuo Ai | China | R | S | NA | R | NA | R | S | S | R | S | 4 |
| 450 | Aus 190 | Bangladesh | R | S | NA | R | NA | S | S | S | R | S | 3 |
| 451 | Red Rise | Solomon Island | R | S | NA | S | NA | R | R | S | S | R | 4 |
|  |  | Total | 246 | 74 | 99 | 228 | 190 | 347 | 142 | 88 | 66 | 136 |  |

R: resistant allele, S: susceptible allele, R/S: show both alleles and NA: data not available

Table S2. GenBank accession number for Thai rice varieties.

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Rice variety | Blast resistance gene | Accession number |
| 1 | Blae blood | *Pi9* | OM236466 |
| 2 | Beaw keem seaw | *Pi9* | OM236467 |
| 3 | Pha leuod khway | *Pi9* | OM236468 |
| 4 | Dor e hen | *Piz-t* | OM236469 |
| 5 | Sa mer jai | *Piz-t* | OM236470 |
| 6 | Khaw jan | *Piz-t* | OM236471 |
| 7 | Dor e hen | *Pi50* | OM236472 |
| 8 | Kaew peing | *Pi50* | OM236473 |
| 9 | Sa mer jai | *Pi50* | OM236474 |
| 10 | Nhew dam | *Pigm (t)* | OM236475 |
| 11 | Hom | *Pigm (t)* | OM236476 |
| 12 | Nhew ubon1 | *Pigm (t)* | OM236477 |
| 13 | RD12 | *Pid2* | OM236478 |
| 14 | KDML105 | *Pid2* | OM236479 |
| 15 | Khaw jao Prachinb | *Pid2* | OM236480 |
| 16 | Je san | *Pid3* | OM236481 |
| 17 | KDML105 | *Pid3* | OM236482 |
| 18 | Nhew\_dang | *Pid3* | OM236483 |
| 19 | Hom Dong | *Pia* | OM236484 |
| 20 | Ai neung | *Pia* | OM236485 |
| 21 | Lam pang | *Pia* | OM236486 |
| 22 | Beaw keem seaw | *Pik* | OM236487 |
| 23 | Phitsanulok1 | *Pik* | OM236488 |
| 24 | Phitsanulok80 | *Pik* | OM236489 |
| 25 | Homdong | *Pi54* | OM236490 |
| 26 | Dorhom | *Pi54* | OM236491 |
| 27 | Khaw tud ngon | *Pi54* | OM236492 |
| 28 | Unknown | *Pita* | OM236493 |
| 29 | Sang yood | *Pita* | OM236494 |
| 30 | Look dang | *Pita* | OM236495 |