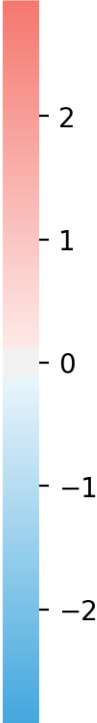
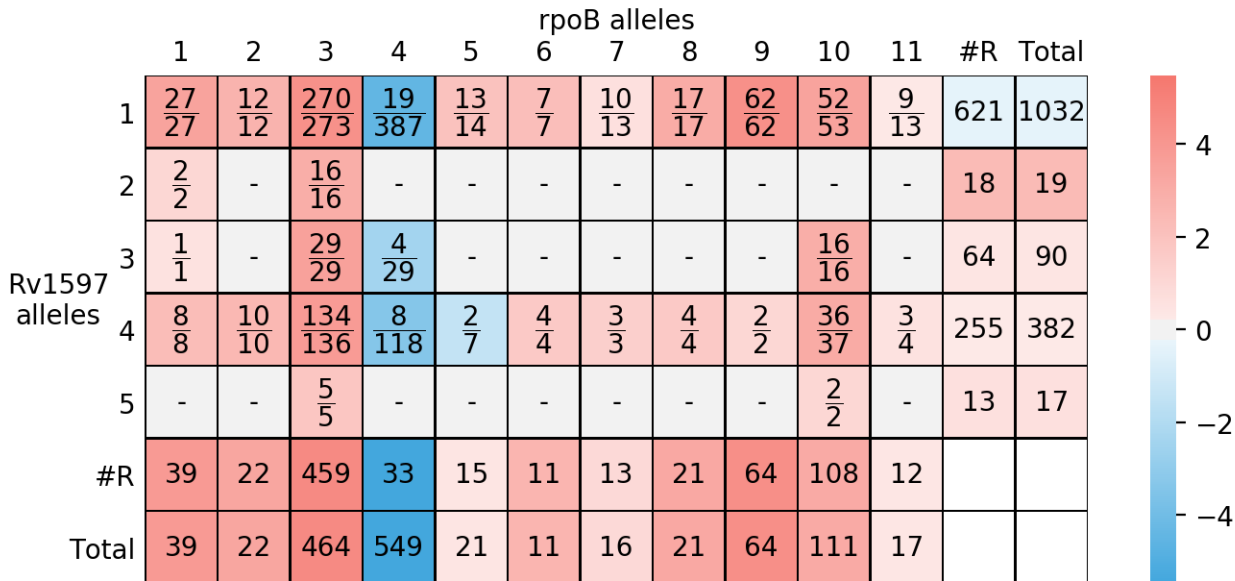
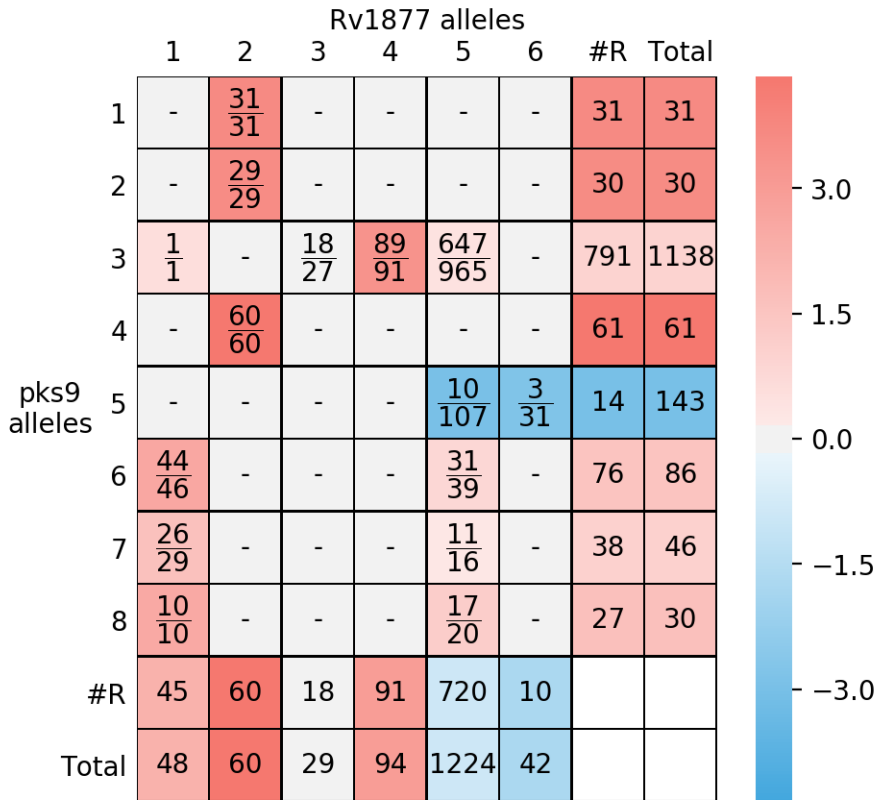


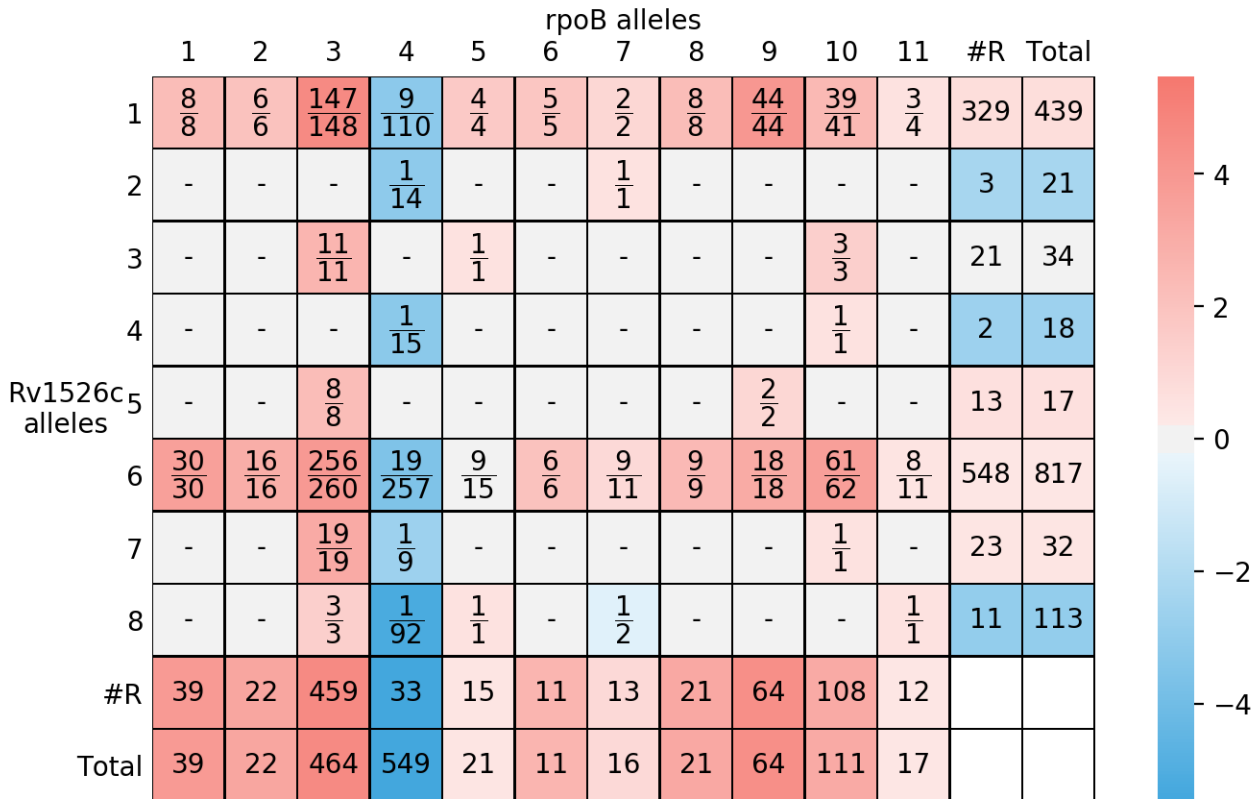
|                    |       | Rv2680 alleles  |               |                 |                 |               |                   |                 |                   |                 |                 | #R  | Total |
|--------------------|-------|-----------------|---------------|-----------------|-----------------|---------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----|-------|
|                    |       | 1               | 2             | 3               | 4               | 5             | 6                 | 7               | 8                 | 9               | 10              |     |       |
| Rv1526c<br>alleles | 1     | $\frac{18}{28}$ | $\frac{2}{4}$ | $\frac{10}{12}$ | $\frac{41}{49}$ | $\frac{2}{2}$ | $\frac{103}{145}$ | $\frac{31}{46}$ | $\frac{76}{100}$  | $\frac{16}{20}$ | $\frac{27}{28}$ | 329 | 439   |
|                    | 2     | -               | -             | -               | -               | -             | $\frac{3}{15}$    | -               | -                 | -               | -               | 3   | 21    |
|                    | 3     | -               | -             | $\frac{1}{1}$   | $\frac{5}{5}$   | -             | $\frac{5}{8}$     | $\frac{1}{2}$   | $\frac{2}{6}$     | $\frac{2}{4}$   | $\frac{5}{6}$   | 21  | 34    |
|                    | 4     | -               | -             | -               | -               | -             | $\frac{2}{17}$    | -               | -                 | -               | -               | 2   | 18    |
|                    | 5     | -               | -             | -               | $\frac{1}{1}$   | -             | $\frac{3}{4}$     | $\frac{2}{3}$   | $\frac{3}{5}$     | $\frac{1}{1}$   | $\frac{3}{3}$   | 13  | 17    |
|                    | 6     | $\frac{38}{51}$ | $\frac{3}{5}$ | $\frac{31}{42}$ | $\frac{74}{97}$ | $\frac{4}{6}$ | $\frac{197}{304}$ | $\frac{33}{50}$ | $\frac{104}{169}$ | $\frac{10}{17}$ | $\frac{41}{51}$ | 548 | 817   |
|                    | 7     | -               | -             | $\frac{23}{28}$ | -               | -             | -                 | -               | -                 | -               | -               | 23  | 32    |
|                    | 8     | -               | -             | -               | -               | -             | $\frac{8}{81}$    | -               | $\frac{2}{4}$     | -               | -               | 11  | 113   |
|                    | #R    | 59              | 5             | 75              | 125             | 8             | 331               | 68              | 187               | 30              | 77              |     |       |
|                    | Total | 89              | 10            | 102             | 180             | 10            | 601               | 104             | 289               | 45              | 93              |     |       |



A vertical color scale bar on the right side of the table, ranging from -2 (dark blue) to 2 (dark red), with 0 being white. The scale is labeled with -2, -1, 0, 1, and 2.







|              |    | rpoB alleles    |                 |                 |                  |                 |               |               |                 |                 |                 |               | #R  | Total |
|--------------|----|-----------------|-----------------|-----------------|------------------|-----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|-----|-------|
|              |    | 1               | 2               | 3               | 4                | 5               | 6             | 7             | 8               | 9               | 10              | 11            |     |       |
| rpoC alleles | 1  | -               | -               | $\frac{14}{14}$ | -                | -               | -             | -             | -               | -               | -               | -             | 14  | 14    |
|              | 10 | -               | -               | $\frac{12}{12}$ | -                | -               | -             | -             | -               | -               | -               | -             | 12  | 12    |
|              | 11 | -               | -               | -               | $\frac{1}{92}$   | $\frac{1}{1}$   | -             | -             | -               | -               | $\frac{1}{1}$   | $\frac{1}{1}$ | 4   | 110   |
|              | 12 | -               | -               | $\frac{2}{2}$   | $\frac{2}{33}$   | -               | -             | $\frac{2}{3}$ | -               | -               | $\frac{2}{2}$   | -             | 8   | 42    |
|              | 2  | -               | -               | $\frac{34}{34}$ | -                | -               | -             | -             | -               | -               | -               | -             | 35  | 35    |
|              | 3  | $\frac{9}{9}$   | $\frac{19}{19}$ | $\frac{5}{5}$   | $\frac{3}{53}$   | -               | $\frac{1}{1}$ | -             | $\frac{6}{6}$   | -               | $\frac{13}{14}$ | $\frac{7}{8}$ | 79  | 135   |
|              | 4  | -               | -               | $\frac{21}{21}$ | -                | -               | -             | -             | -               | -               | -               | -             | 21  | 21    |
|              | 5  | -               | $\frac{1}{1}$   | $\frac{17}{17}$ | $\frac{3}{32}$   | -               | -             | -             | $\frac{1}{1}$   | -               | -               | -             | 30  | 60    |
|              | 6  | $\frac{28}{28}$ | -               | $\frac{87}{91}$ | $\frac{20}{307}$ | $\frac{13}{16}$ | $\frac{7}{7}$ | $\frac{7}{8}$ | $\frac{13}{13}$ | $\frac{64}{64}$ | $\frac{92}{94}$ | $\frac{4}{7}$ | 470 | 788   |
|              | 7  | -               | -               | $\frac{40}{40}$ | -                | -               | -             | -             | -               | -               | -               | -             | 40  | 40    |
|              | 8  | -               | -               | $\frac{45}{45}$ | -                | -               | -             | -             | -               | -               | -               | -             | 45  | 45    |
|              | 9  | -               | -               | $\frac{12}{12}$ | -                | -               | -             | -             | -               | -               | -               | -             | 12  | 12    |
| #R           |    | 39              | 22              | 459             | 33               | 15              | 11            | 13            | 21              | 64              | 108             | 12            |     |       |
| Total        |    | 39              | 22              | 464             | 549              | 21              | 11            | 16            | 21              | 64              | 111             | 17            |     |       |

