| Cluster | Sequences | Common drug resistance sites | Non-common drug resistance sites |
|---------|-----------|-----------------------------|----------------------------------|
| 1       | 13        | -                           | D67DN, M184M/V, K103N, E138EA, Y181YC, Y188YFHLYH, V179D |
| 2       | 4         | T215S                       | -                                |
| 3       | 4         | K103N                       | -                                |
| 4       | 4         | K103N                       | -                                |
| 5       | 2         | K103N                       | -                                |
| 6       | 3         | M41L, V75I, M184V, T215F, V106M, F227L | -                                |
| 7       | 3         | M184V, Y181C                | T215TNSY, H221HY                |
| 8       | 3         | M184V, K103N                | M230ML, K101KE, G190GA          |
| 9       | 2         | K103N, V179E                | -                                |
| 10      | 2         | K103N                       | -                                |
| 11      | 3         | K101E, Y181C                | K103KN                          |
| 12      | 2         | M184V, K103N                | T215FS                          |
| 13      | 2         | K103N                       | -                                |
| 14      | 2         | M184V, Y188L                | -                                |
| 15      | 2         | G190A                       | -                                |
| 16      | 2         | K103N                       | K101KE                          |
| 17      | 2         | K103N                       | -                                |
| 18      | 2         | Y181C                       | -                                |
| 19      | 2         | K65R, L74I, M184V, L100I, K103N | M41L, D67DN, V108I             |
| 20      | 2         | M184V, V179E, Y181C         | -                                |
| 21      | 2         | K103N                       | -                                |
| 22      | 2         | M184V, K103N, E138Q         | -                                |
| 23      | 2         | M184I, K103N, P225H         | -                                |
| 24      | 2         | K103N                       | -                                |
| 25      | 2         | M184V, K101E, G190A         | -                                |
| 26      | 2         | M184V, V106M, V179D, G190A | K65KR, D67DN, K101E             |
| 27      | 2         | E138G                       | -                                |
| 28      | 2         | Y181C                       | -                                |
| 29      | 2         | K103N                       | -                                |
| 30      | 2         | L74I, M184V, A98G, K103N, P225H | -                                |
| 31      | 2         | K103N                       | -                                |
|   |   |                  |                  |                  |
|---|---|------------------|------------------|------------------|
| 32| 2 | M184V, A98G, K101E, V108I, Y181C, G190A |                  |
| 33| 2 | K103N            |                  |
| 34| 2 | D67N, K70R, M184V, T215F, K219E, Y181C |                  |
| 35| 2 | K103N            |                  |
| 36| 2 | Y181C            |                  |
| 37| 2 | M184V, L210LW, T215Y, Y181C | M41L, E44ED      |
| 38| 2 | K103N            |                  |
| 39| 2 | M184V            | K101E            |
| 40| 2 | K103N            |                  |