**Supplementary table 1.**

Clusters involving study patients with TDR

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Subtype | | Cluster no | Total no of sequences (with TDR) | | Study patients (with TDR) | Route | Study sequence SDRMs (not all sequences) |
| A | | 1 | 12 (2) | | 9 (2) | Other/heterosexual | K219Q |
|  | | 2 | 9 (1) | | 3 (1) | MSM/heterosexual/other | K103N |
|  | | 3 | 2 (1) | | 2 (1) | Heterosexual/other | D67G |
|  | |  |  | |  |  |  |
| B | | 4 | 3 (2) | | 2 (2) | MSM | K219N |
|  | | 5 | 6 (6) | | 3 (3) | Heterosexual/IDU/MSM/other | L210W, T215D, (M41L) |
|  | | 6 | 26 (26) | | 10 (10) | MSM | M41L |
|  | | 7 | 7 (7) | | 5 (5) | MSM | K103N |
|  | | 8 | 3 (3) | | 3 (3) | MSM | D67N, K219Q |
|  | | 9 | 3 (2) | | 1 (1) | MSM/heterosexual | T69D |
|  | | 10 | 7 (1) | | 6 (1) | MSM/heterosexual | I85V |
|  | | 11 | 2(2) | | 2 (2) | MSM | T215S |
|  | | 12 | 2 (1) | | 2 (1) | MSM | D67G |
|  | | 13 | 6 (1) | | 1 (1) | MSM/heterosexual | M184V, K103N |
|  | | 14 | 6 (6) | | 2 (2) | MSM | F77L, F116Y, Q151M, K103N, I50V/L ( Y115F, M46I, I54V) |
|  | | 15 | 4 (1) | | 2 (1) | MSM/unknown | I85V |
|  | | 16 | 4 (1) | | 1 (1) | MSM | M46L |
|  | | 17 | 13 (1) | | 6 (1) | MSM | K103N |
|  | |  |  | |  |  |  |
| C | | 18 | 2 (2) | | 2 (2) | heterosexual | K103N (K70E, M184V, Y188L) |
|  | | 19 | 2 (1) | | 2 (1) | heterosexual | M184V |
|  | |  |  | |  |  |  |
| CRF01\_AE | | 20 | 2 (1) | | 2 (1) | heterosexual | P225H |
|  | | 21 | 2 (1) | | 2 (1) | heterosexual | M46I |
|  | | 22 | 2 (2) | | 2 (2) | MSM | M46L |
|  | | 23 | 2 (1) | | 2 (1) | heterosexual | M46I |
|  | | 24 | 2 (1) | | 2 (1) | heterosexual | Y188C |
|  | |  |  | |  |  |  |
|  | | |
|  | | |
|  | | |
|  | | |