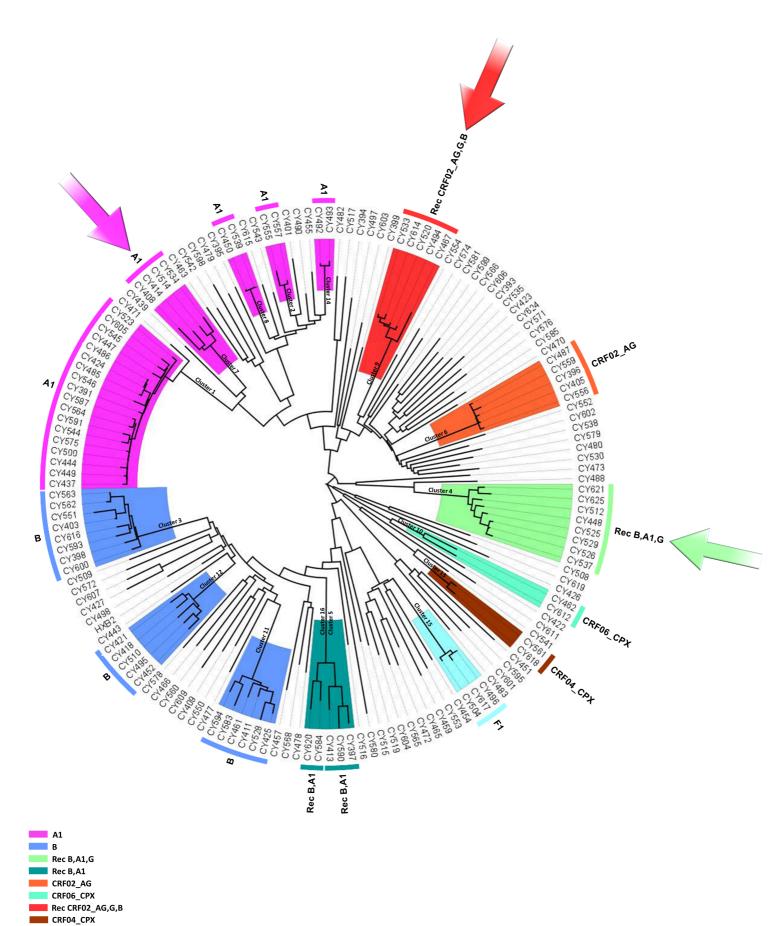
## September 2019 REPORT

F1



## Remarks:

- 1. There are **sixteen** transmission clusters.
- 2. The recently active subtype A1 HIV-1 transmission hotspot consisting of mostly Cypriot MSM (Cluster 1) remained unchanged.
- 3. The previously identified subtype A1 HIV-1 molecular cluster consisting of two heterosexual individuals of foreign nationalities (Cluster 2) remained unchanged.
- 4. The subtype B HIV-1 transmission hotspot consisting of mostly Cypriot MSM who reported to be infected in Cyprus (Cluster 3) remained unchanged.
- 5. The previously identified recombinant (Rec B, A1, G) HIV-1 molecular cluster consisting of five Cypriots mostly MSM and two individuals of foreign nationalities (Cluster 4, indicated by the arrow on the phylogenetic tree) has **expanded by one additional Cypriot.**
- 6. The previously identified recombinant (Rec B, A1) HIV-1 molecular cluster consisting of three individuals (Cluster 5) remained unchanged.
- 7. The previously identified CRF02\_AG HIV-1 molecular cluster consisting of Cypriots mostly MSM (Cluster 6) remained unchanged.
- 8. The previously identified A1 molecular cluster consisting of Cypriot MSM who reported to be infected in Cyprus (Cluster 7, indicated by the arrow on the phylogenetic tree) has **expanded by one additional Cypriot MSM**.
- 9. The previously identified A1 molecular cluster consisting of one Cypriot and one European MSM (Cluster 8) remained unchanged.
- 10. The previously identified recombinant (Rec CRF02\_AG, G, B) HIV-1 molecular cluster consisting of one foreign (Nigerian) HBC, two Cypriot MSM and one Cypriot HC (Cluster 9, indicated by the arrow on the phylogenetic tree) has **expanded by one additional Cypriot HC**.
- 11. The previously identified CRF06\_CPX molecular cluster consisting of two Cypriot MSM (Cluster 10) remained unchanged.
- 12. The previously identified B molecular cluster consisting of one foreign (Indonesian) MSM, five Cypriot individuals, three MSM and two HC (Cluster 11) remained unchanged.
- 13. The previously identified B molecular cluster consisting of five Cypriot individuals, three HBC and two MSM (Cluster 12) remained unchanged.
- 14. The previously identified CRF04\_CPX molecular cluster consisting of two individuals (Cluster 13) remained unchanged.
- 15. The previously identified A1 molecular cluster consisting of two Romanian HC (Cluster 14) remained unchanged.
- 16. The previously identified F1 transmission cluster consisting of one Cypriot and two European individuals (Cluster 15) remained unchanged.
- 17. The previously identified recombinant (Rec B, A1) HIV-1 molecular cluster consisting of two Cypriots (Cluster 16) remained unchanged.