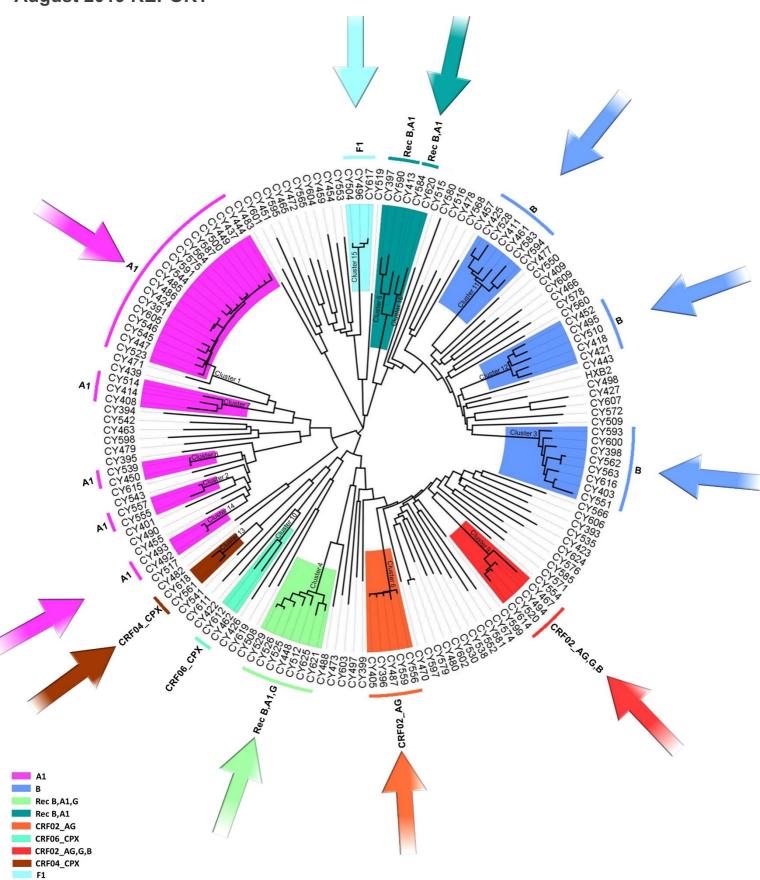
August 2019 REPORT



Remarks:

- 1. There are sixteen transmission clusters .
- 2. The recently active subtype A1 HIV-1 transmission hotspot (Cluster 1, indicated by the arrow on the phylogenetic tree) has **expanded by four additional individuals, mostly Cypriot MSM** who reported to be infected in Cyprus.
- 3. The previously identified subtype A1 HIV-1 molecular cluster consisting of 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, indicated by the arrow on the phylogenetic tree) has **expanded by one additional individual.**
- 5. The previously identified recombinant (Rec B, A1, G) HIV-1 molecular cluster of MSM of foreign nationalities (Cluster 4, indicated by the arrow on the phylogenetic tree) has **expanded by two additional individuals.**
- 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 two Cypriot and one European MSM (Cluster 6, indicated by the arrow on the phylogenetic tree) **expanded by two additional Cypriots, one MSM and one HC.**
- 8. The previously identified A1 molecular cluster consisting of three individuals, one of whom is a Cypriot MSM reported to be infected in Cyprus (Cluster 7) remained unchanged.
- 9. The previously identified A1 molecular cluster (Cluster 8) consisting of one Cypriot and one European MSM remained unchanged.
- 10. The previously identified CRF02_AG, G, B transmission cluster (Cluster 9, indicated by the arrow on the phylogenetic tree) consisting of two Cypriot and one foreign (Nigerian) MSM has **expanded by one additional Cypriot HC.**
- 11. The previously identified CRF06_CPX transmission cluster (Cluster 10) consisting of two Cypriot MSM, remained unchanged.
- 12. The previously identified B transmission cluster (Cluster 11, indicated by the arrow on the phylogenetic tree) consisting of two Cypriot and one foreign (Indonesian) MSM, **expanded by three additional Cypriots, one MSM and two HC.**
- 13. The previously identified B transmission cluster (Cluster 12, indicated by the arrow on the phylogenetic tree) consisting of two Cypriot MSM, **expanded by two additional Cypriots, one MSM and one HBC.**
- 14. There is a new **CRF04_CPX transmission cluster** (Cluster 13, indicated by the arrow on the phylogenetic tree) **consisting of two individuals.**
- 15. There is a new A1 molecular cluster (Cluster 14, indicated by the arrow on the phylogenetic tree) consisting of two Romanian HC.
- 16. There is a new **F1 transmission cluster** (Cluster 15, indicated by the arrow on the phylogenetic tree) consisting of three individuals.
- 17. There is a **new recombinant (Rec B, A1) HIV-1 molecular cluster** (Cluster 16, indicated by the arrow on the phylogenetic tree) consisting of two individuals.