June 2019 REPORT

Remarks:

1. There are **seven** 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 one additional 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 MSM (Cluster 3) **expanded by two Cypriot MSM** and now mostly consists of Cypriots who reported to be infected in Cyprus.

5. The previously identified recombinant (Rec B, A1,G) HIV-1 molecular cluster of MSM of foreign nationalities (Cluster 4) remained unchanged.

6. The previously identified recombinant (Rec B A1) HIV-1 molecular cluster consisting of two study subjects (Cluster 5) remained unchanged.

7. There is a new **CRF02_AG new transmission hotspot (Cluster 6)**, indicated by the arrow on the phylogenetic tree consisting of two Cypriot and one European MSM.

8. There is a new **subtype A1 transmission (Cluster 7)**, indicated by the arrow on the phylogenetic tree) consisting of two study subjects, one of whom is a Cypriot MSM reported to be infected in Cyprus.