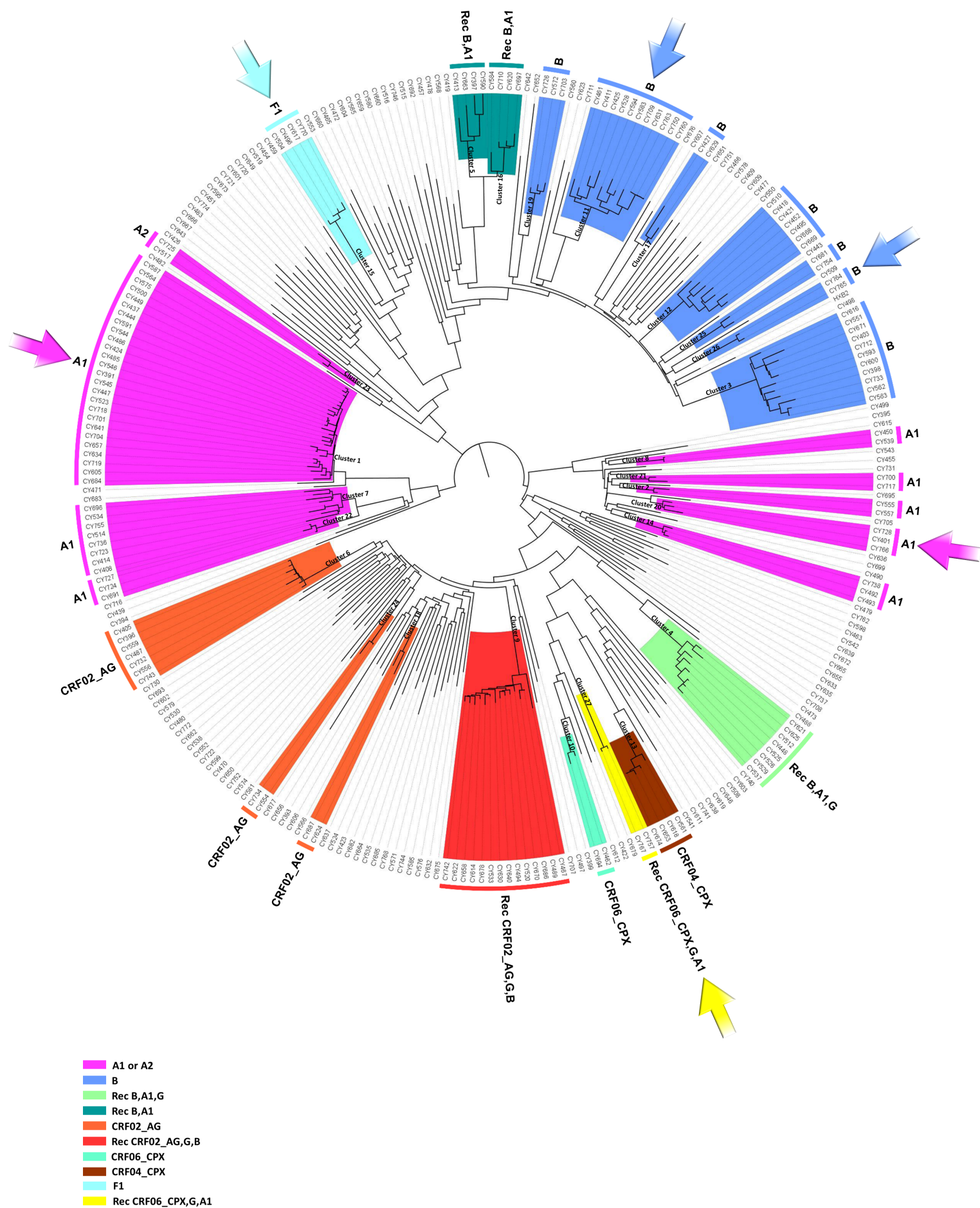


February 2021 REPORT



## Remarks:

1. There are **twenty seven** transmission clusters .
2. The recently active subtype A1 HIV-1 transmission hotspot consisting of mostly Cypriot MSM (Cluster 1, indicated by the arrow on the phylogenetic tree) has been **reduced by one Cypriot HC**.
3. The previously identified subtype A1 HIV-1 molecular cluster consisting of two heterosexual individuals of foreign nationalities (Philippines and Romania) (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 two individuals of foreign nationalities, one MSM (Lebanon) and one HBC (Greece), and six Cypriot individuals, four MSM, one HC and one HBC (Cluster 4) remained unchanged.
6. The previously identified recombinant (Rec B, A1) HIV-1 molecular cluster consisting of four individuals (Cluster 5) remained unchanged.
7. The previously identified CRF02\_AG HIV-1 molecular cluster consisting of six Cypriot individuals, four MSM, one HC and one HBC, and one European HC (Romania) (Cluster 6) remained unchanged.
8. The previously identified A1 HIV-1 molecular cluster consisting of mostly Cypriot MSM (Cluster 7) remained unchanged.
9. The previously identified A1 HIV-1 molecular cluster consisting of one Cypriot and one European MSM (Bulgaria) (Cluster 8) remained unchanged.
10. The previously identified recombinant (Rec CRF02\_AG, G, B) HIV-1 molecular cluster consisting of six individuals of foreign nationalities, one HBC (Nigeria) and five MSM (UK, Greece and Bulgaria), and eight Cypriot individuals, five MSM, two HC and one HBC (Cluster 9) remained unchanged.
11. The previously identified CRF06\_CPX HIV-1 molecular cluster consisting of two Cypriot MSM (Cluster 10) remained unchanged.
12. The previously identified B HIV-1 molecular cluster consisting of mostly Cypriot MSM (Cluster 11, indicated by the arrow on the phylogenetic tree) has **expanded by one individual**.
13. The previously identified B HIV-1 molecular cluster consisting of seven Cypriot individuals, four HBC, two MSM and one HC (Cluster 12) remained unchanged.
14. The previously identified CRF04\_CPX HIV-1 molecular cluster consisting of four individuals (Cluster 13) remained unchanged.
15. The previously identified A1 HIV-1 molecular cluster consisting of two European HC (Romania) and one HC of foreign nationality (Ukraine) (Cluster 14) remained unchanged.
16. The previously identified F1 HIV-1 molecular cluster consisting of one Cypriot HBC and two European individuals, one HC (Italy) and one MSM (Romania) (Cluster 15, indicated by the arrow on the phylogenetic tree) has **expanded by one individual**.
17. The previously identified recombinant (Rec B, A1) HIV-1 molecular cluster consisting of three Cypriot individuals, two MSM and one HC, and one European HBC (Romania) (Cluster 16) remained unchanged.
18. The previously identified B HIV-1 molecular cluster consisting of two individuals (Cluster 17) remained unchanged.

19. The previously identified CRF02\_AG HIV-1 molecular cluster consisting of two heterosexual individuals of foreign nationality (Cameroon) (Cluster 18) remained unchanged.
20. The previously identified B HIV-1 molecular cluster consisting of three Cypriot MSM (Cluster 19) remained unchanged.
21. The previously identified A1 HIV-1 molecular cluster consisting of one European HC (Bulgaria) and one Cypriot HBC (Cluster 20, indicated by the arrow on the phylogenetic tree) has **expanded by one individual**.
22. The previously identified A1 HIV-1 molecular cluster consisting of two individuals of foreign nationality (Georgia) (Cluster 21) remained unchanged.
23. The previously identified A1 HIV-1 molecular cluster consisting of three individuals (Cluster 22) remained unchanged.
24. The previously identified A2 HIV-1 molecular cluster consisting of two Cypriot individuals, one MSM and one HBC (Cluster 23) remained unchanged.
25. The previously identified CRF02\_AG HIV-1 molecular cluster consisting of one European MSM (UK) and one Cypriot HC (Cluster 24) remained unchanged.
26. The previously identified B HIV-1 molecular cluster consisting of two individuals (Cluster 25) remained unchanged.
27. There is a **new B HIV-1 molecular cluster** (Cluster 26, indicated by the arrow on the phylogenetic tree) **consisting of two individuals**.
28. There is a **new Rec CRF06\_CPX, G, A1 HIV-1 molecular cluster** (Cluster 27, indicated by the arrow on the phylogenetic tree) **consisting of two individuals**.