

## TITLE PAGE

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**Full-length title: Introduction into the Marseille geographical area of a mild SARS-CoV-2 variant originating from sub-Saharan Africa**

**Short title: SARS-CoV-2 variant originating from sub-Saharan Africa**

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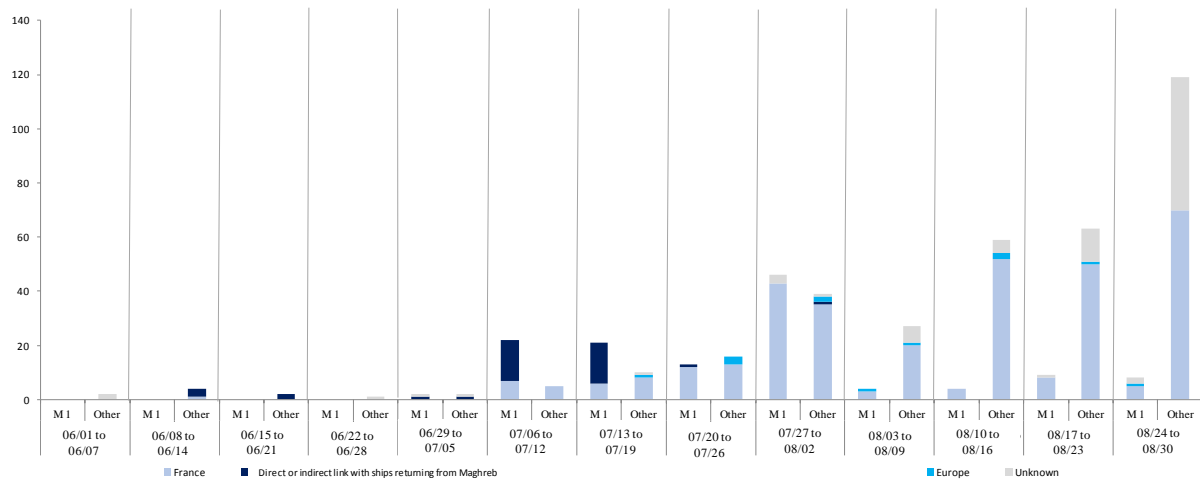
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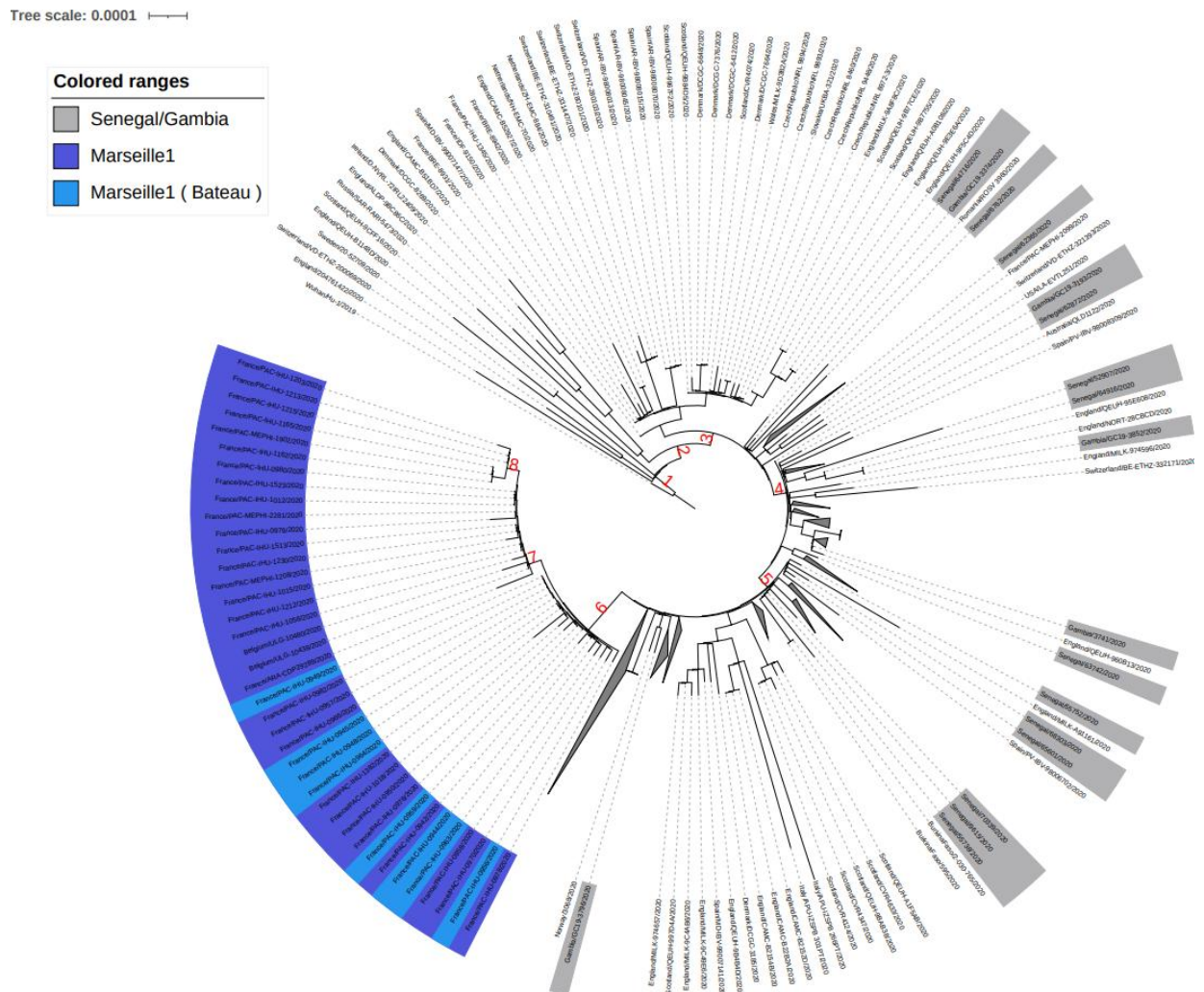
## Supplementary Appendix

**Supplementary Figure 1. Weekly numbers of patients with COVID-19 diagnosed in the Méditerranée Infection institute and for whom the SARS-CoV-2 genotype was obtained by genome sequencing or variant-specific RT-PCR, and their geographical origin. M1 indicates Marseille-1 variant; Other designates SARS-CoV-2 genotypes except Marseille-1.**

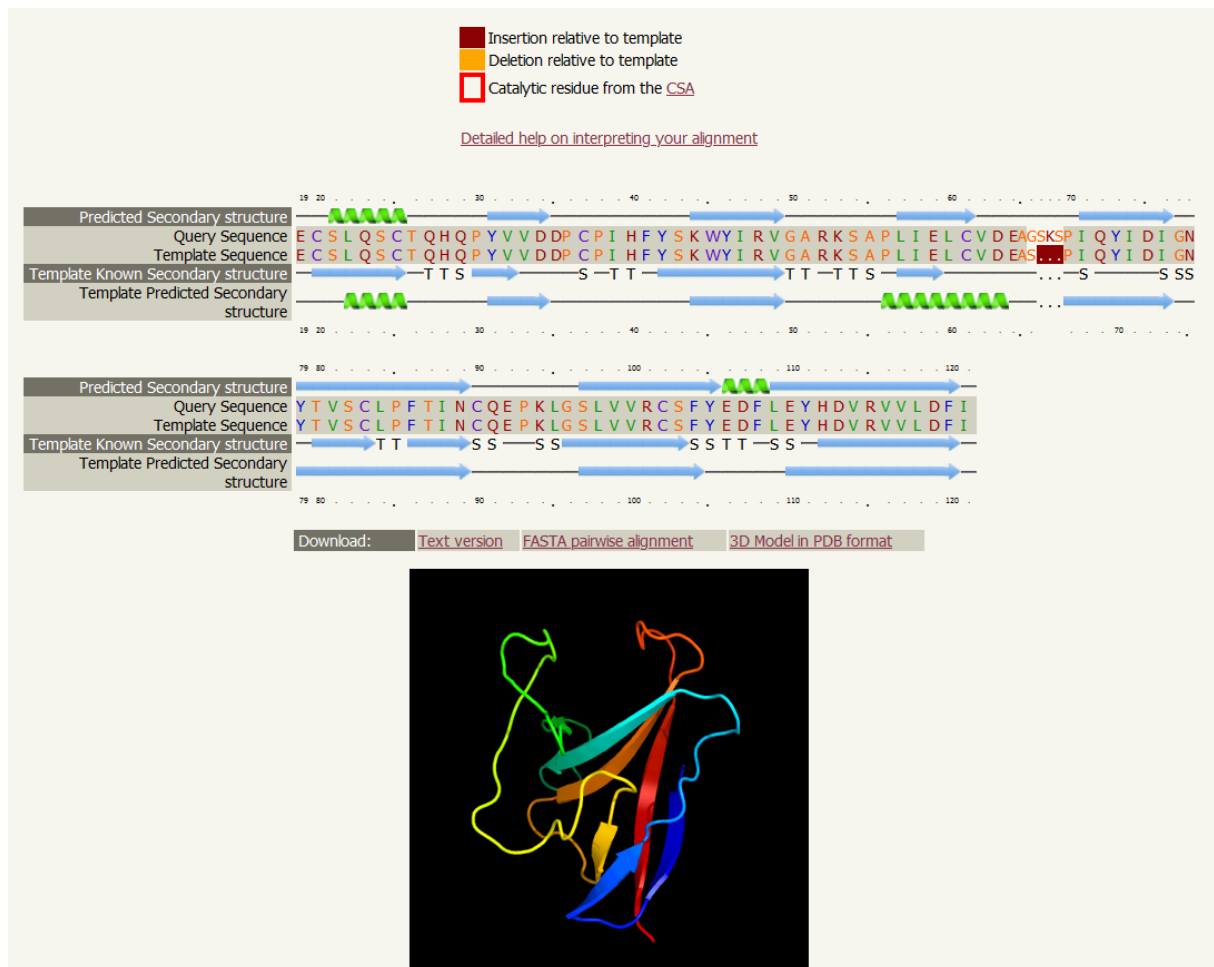


## Supplementary Figure 2. Genome sequence-based phylogenetic tree showing the evolution of Marseille-1 strains

Genome sequences obtained in our institute were compared to those available in the GISAID database (<https://www.gisaid.org/>). Phylogenetic trees were reconstructed and visualized by using the Nextclade and iTOL (<https://itol.embl.de/>) web tools, respectively.



**Supplementary Figure 3. Amino acid alignment and structural prediction obtained using the Phyre2 web portal for protein modeling, prediction and analysis [18] for ORF8 gene product of the Marseille-1 variant.** This figure was obtained using the Phyre2 web portal (<http://www.sbg.bio.ic.ac.uk/~phyre2/html/page.cgi?id=index>).



1 **Supplementary Table 1: Detail of commercial travels from Maghreb to France following the re-opening of French borders on June 1<sup>st</sup>,**  
 2 **2020.**

| Country | Date       | Event  | Source  |
|---------|------------|--|---|
| Algeria | 25-05-2020 | One daily repatriation flight to Paris   | <a href="https://www.dzairdaily.com/rapatriement-algerie-france-vol-quotidien-alger-paris-tarif-special-consulat-air-france/">https://www.dzairdaily.com/rapatriement-algerie-france-vol-quotidien-alger-paris-tarif-special-consulat-air-france/</a>   |
| Algeria | 26-05-2020 | End of the repatriation of 56,000 French people (15,000 left)  | <a href="https://www.leparisien.fr/societe/coronavirus-paris-augmente-les-vols-avec-le-maghreb-pour-rapatrier-15000-francais-26-05-2020-8324328.php">https://www.leparisien.fr/societe/coronavirus-paris-augmente-les-vols-avec-le-maghreb-pour-rapatrier-15000-francais-26-05-2020-8324328.php</a>   |
| Algeria | 01-06-2020 | Reopening of the Lufthansa® and Swiss Air® lines   | <a href="https://www.algerie-eco.com/2020/05/11/alger-francfort-et-alger-geneve-reouvertures-des-reservations-sur-lufthansa-et-swiss/">https://www.algerie-eco.com/2020/05/11/alger-francfort-et-alger-geneve-reouvertures-des-reservations-sur-lufthansa-et-swiss/</a>   |
| Algeria | 01-06-2020 | Corsica Linea® maritime link: repatriation of 1000 people  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Algeria | 05-06-2020 | Reopening of Air France flights from Algeria (Algiers, Oran, Annaba, Béjaïa, Constantine) to Paris. 4-5 flights/day for repatriation                 | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Algeria | 07-06-2020 | Corsica Linea® maritime link: repatriation of 1000 people  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Algeria | 09-06-2020 | Corsica Linea® maritime link: repatriation of 1000 people  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Algeria | 27-06-2020 | Closure of air and sea passenger links   | <a href="https://www.garda.com/crisis24/news-alerts/355311/algeria-president-announces-borders-to-remain-closed-until-end-of-covid-19-pandemic-update-20">https://www.garda.com/crisis24/news-alerts/355311/algeria-president-announces-borders-to-remain-closed-until-end-of-covid-19-pandemic-update-20</a>   |
| Morocco | 05-06-2020 | Reopening of La Méridionale® links between Nador and Marseille   | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Morocco | 05-06-2020 | Opening of 5 crossings until June 9 <sup>th</sup> by company Balearia® for repatriation of 10,000 motorhome operators via Spain                      | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Morocco | 08-06-2020 | Reinforced program of 60 flights between Casablanca or Marrakech and Paris until June 25 <sup>th</sup> for French people repatriation (total 10,000) | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Morocco | 09-06-2020 | Opening of company GNV® passenger link between Tangier and Sète  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Morocco | 06-09-2020 | Opening of the borders   | <a href="https://www.quotidiendutourisme.com/actualite/destinations/le-maroc-rouvre-ses-frontieres-aux-touristes-francais-605318.php">https://www.quotidiendutourisme.com/actualite/destinations/le-maroc-rouvre-ses-frontieres-aux-touristes-francais-605318.php</a>   |
| Tunisia | 04-06-2020 | Corsica Linea® repatriation link 1000 pax  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Tunisia | 05-06-2020 | 2 weekly repatriation flights  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Tunisia | 11-06-2020 | Corsica Linea® repatriation link 1000 pax  | <a href="https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants">https://www.diplomatie.gouv.fr/fr/le-ministere-et-son-reseau/actualites-du-ministere/informations-coronavirus-covid-19/coronavirus-declarations-et-communiqués/article/mobilisation-renforcee-pour-faciliter-le-retour-en-france-des-ressortissants</a>   |
| Tunisia | 27-06-2020 | Reopening of borders   | <a href="https://www.facebook.com/santetunisie.rns.tn/posts/3144668892238860?__cft__[0]=AZVaQeBvNr1QpIz5hPt91WzVLWjjz5Vlebruy7gCYLT AHQB16zSdm4jKkg1iZ743TBO7fgU8mFkeh0OULz1cMAfYR49neCNeiyJ77GCT_pCABhK2OkKT0s8onjdVcZPkSW8VJ7pS-xj0pF2ZdGUcuZp3-dcm_eGlmADU69qSBWU4vK5C4HIXJoGeoTPFvpe1k1CeflGT hadtllqMfzzKedG2KiasadUzGTzg0AzkA&amp;__tn__=%2C P-R">https://www.facebook.com/santetunisie.rns.tn/posts/3144668892238860?__cft__[0]=AZVaQeBvNr1QpIz5hPt91WzVLWjjz5Vlebruy7gCYLT AHQB16zSdm4jKkg1iZ743TBO7fgU8mFkeh0OULz1cMAfYR49neCNeiyJ77GCT_pCABhK2OkKT0s8onjdVcZPkSW8VJ7pS-xj0pF2ZdGUcuZp3-dcm_eGlmADU69qSBWU4vK5C4HIXJoGeoTPFvpe1k1CeflGT hadtllqMfzzKedG2KiasadUzGTzg0AzkA&amp;__tn__=%2C P-R</a> |
| Tunisia | 29-06-2020 | Resumption of ferry links (around 700 passengers per rotation)   | <a href="https://www.webmanagercenter.com/2020/06/29/452895/transport-maritime-reprise-du-traffic-maritime-au-port-de-zarzis/">https://www.webmanagercenter.com/2020/06/29/452895/transport-maritime-reprise-du-traffic-maritime-au-port-de-zarzis/</a>   |

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