Supplementary Data: Supplementary Tables and Figures

**BuscoPhylo: A webserver for Busco-based Phylogenomic Analysis for Non-specialists**

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Supplementary Figure S2  BuscoPhylo output screenshot for *Fusarium oxysporum* project. The entire result is accessible through the following URL: https://buscophylo.inra.org.ma/item/1663056926/Fusarium
## Supplementary Table S1: The list of the organisms and their accession numbers used to assess BuscoPhylo performances

| Domain       | Species                                           | Accession       |
|--------------|---------------------------------------------------|-----------------|
| Prokaryote   | *Fusarium oxysporum* f. sp. *albedinis* 9         | JAKELM010000000 |
| Eukaryote    | *Fusarium oxysporum* f. sp. *albedinis* Foa133    | JAAVJG010000000 |
|              | *Fusarium oxysporum* f. sp. *lycopersici* 4287   | AAXH01000000    |
|              | *Fusarium oxysporum* f. sp. *lycopersici* MN25    | AGBH01000000000 |
|              | *Fusarium oxysporum* f. sp. *pisi* HDV247        | AGBIO10000000   |
|              | *Fusarium oxysporum* f. sp. *radicis-lycopersici* 26381 | AGNB0100000000 |
|              | *Fusarium oxysporum* f. sp. *vasinfectum* 25433 | AGNC0100000000  |
|              | *Fusarium oxysporum* f. sp. *cubense* tropical race 4 S4006 | AGND0100000000 |
|              | *Fusarium oxysporum* f. sp. *conglutinans* race 2 S4008 | AGNF0100000000 |
|              | *Fusarium oxysporum* f. sp. *raphani* S4005      | AGNG0100000000  |
|              | *Fusarium graminearum* PH-1                       | NZ_AACM02000000 |
|              | *Dickeya dadantii* NCPPB 898 NCPPB898            | NZ_CM0019760000 |
|              | *Dickeya solani* A623-520-A17                     | NZ_JAIZG010000001 |
|              | *Dickeya solani* Am3a                             | NZ_VZQK010000001 |
|              | *Dickeya solani* CH05026                          | NZ_JAEK010000001 |
|              | *Dickeya solani* CH07044                          | NZ_JAEK010000001 |
|              | *Dickeya solani* CH9635-1                         | NZ_JAEK010000001 |
|              | *Dickeya solani* CH9918-774                       | NZ_JAEK010000001 |
|              | *Dickeya solani* D12                             | NZ_PGUT010000001 |
|              | *Dickeya solani* Ds0432-1                         | NZ_CPO174530000 |
|              | *Dickeya solani* F012                             | NZ_PDVN010000001 |
|              | *Dickeya solani* GBBC2040                         | NZ_CM0081860000 |
|              | *Dickeya solani* IF80099                          | NZ_CPO2471100000 |
|              | *Dickeya solani* IF80158                          | NZ_PENA010000001 |
|              | *Dickeya solani* IF80167                          | NZ_CPO5145700000 |
|              | *Dickeya solani* IF80212                          | NZ_JABAON010000001 |
|              | *Dickeya solani* IF80221                          | NZ_PEMZ010000001 |
|              | *Dickeya solani* IF80223                          | NZ_CPO2471000000 |
|              | *Dickeya solani* IF80231                          | NZ_CPO5145800000 |
|              | *Dickeya solani* IF80311                          | NZ_JABAON001000001 |
|              | *Dickeya solani* IF80417                          | CP051459000000 |
|              | *Dickeya solani* IF80421                          | NZ_CPO5146000000 |
|              | *Dickeya solani* IF80487                          | JABAOP010000001 |
|              | *Dickeya solani* IF80695                          | NZ_JABAQQ010000001 |
|              | *Dickeya solani* IPO2019                          | NZ_CPO7016200000 |
|              | *Dickeya solani* IPO2222                          | NZ_CPO5153700000 |
|              | *Dickeya solani* MI21a                            | NZ_VZQMO100000001 |
|              | *Dickeya solani* MK10                            | NZ_CM00818390000 |
|              | *Dickeya solani* MK16                            | NZ_CM00818420000 |
|              | *Dickeya solani* PP09019                          | NZ_CPO1745400000 |
|              | *Dickeya solani* PP09134                          | NZ_JWOT010000021 |
|              | *Dickeya solani* RN505.1.2A Contig                | NZ_JWM010000001 |
|              | *Dickeya solani* RN507.3B                         | NZ_JWRL010000001 |
|              | *Dickeya solani* RN5 08.23.3.1.A                  | NZ_CPO6928000000 |
|              | *Dickeya solani* RN510-27-2A                      | NZ_VZQO010000001 |
|              | *Dickeya solani* Sp1a                             | NZ_VZQL010000001 |