

Supplementary Data: Supplementary Tables and Figures

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

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Content

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Supplementary Table S1

Phylogenomics analysis pipeline by BuscoPhylo

Project Details

- **Name** : Dickeya
- **Job ID** : 1660667670
- **Lineage** : enterobacterales_odb10
- **Mode** : genome
- **Run time** : 31 min 3 s
- **363** BUSCOs are single copy in all **36** species

Method

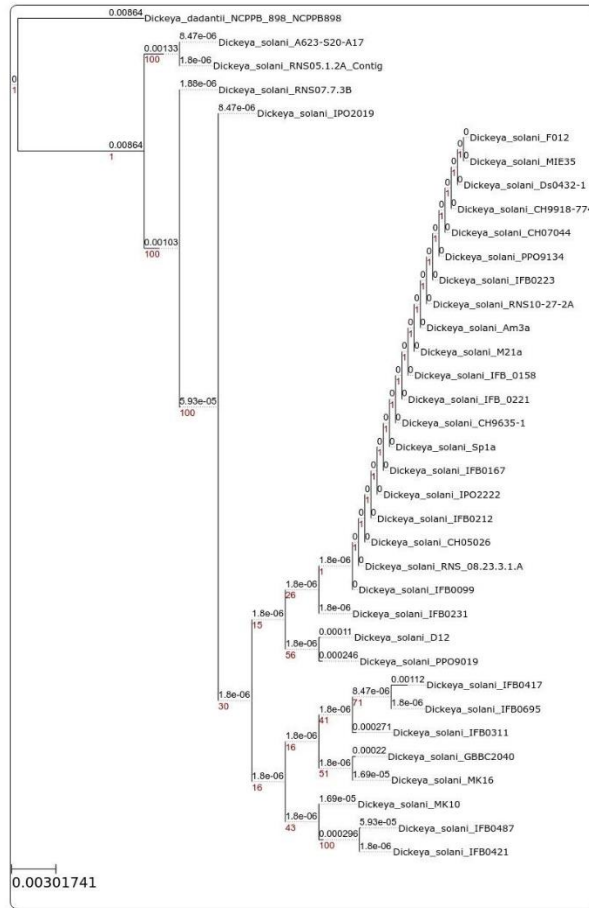
- BUSCO searches was performed on each genome using BUSCO V5 (Simão et al., 2015).
 - Alignments was performed using Muscle and trimAl (Edgar, 2004; Capella-Gutiérrez et al., 2009).
 - ML tree was inferred using IQ-TREE version 1.6.12 (Nguyen et al., 2015) with the model selection from ModeFinder (Kalyaanamoorthy et al., 2017) using the following defaults parameters: "-bb 1000 -alt 1000 -nt AUTO -nmax".
 - The tree file is visualized using ETE Toolkit (Huerta-Cepas et al., 2016).
- (These texts may be used for your publication.)

Result files

- [Download image \(SVG\)](#)
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[Download Result \(346MB\)](#)
- [Download log](#)

Phylogram

- disable bootstrap
 disable branch length



Supplementary Figure S1 BuscoPhylo output screenshot for *Dickeya solani* project. The entire result is accessible through the following URL: <https://buscophylo.inra.org.ma/item/1660667670/Dickeya>

Phylogenomics analysis pipeline by BuscoPhylo

Project Details

- **Name** : Fusarium
- **Job ID** : 1663056926
- **Lineage** : sordariomycetes_odb10
- **Mode** : genome
- **Run time** : 16 h 55 min 20 s
- **3409** BUSCOs are single copy in all **21** species

Method

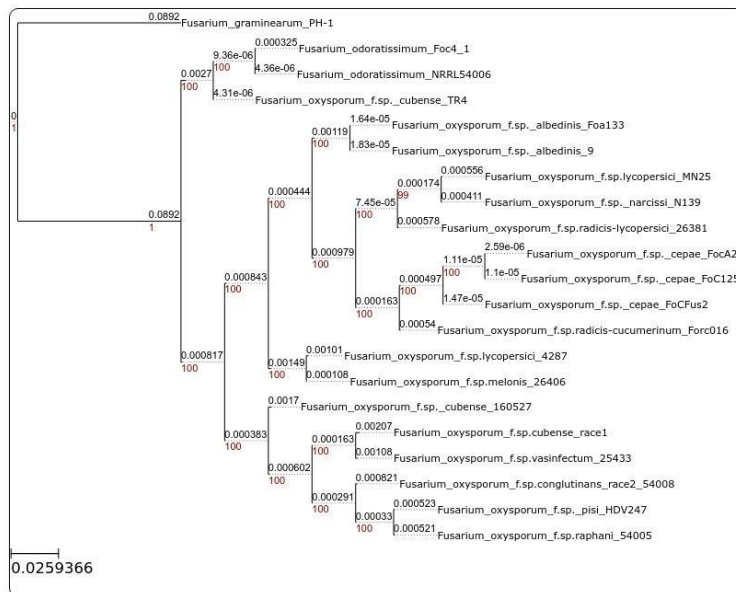
- BUSCO searches was performed on each genome using BUSCO V5 (Simão et al., 2015).
 - Alignments was performed using Muscle and trimAl (Edgar, 2004; Capella-Gutiérrez et al., 2009).
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 - The tree file is visualized using ETE Toolkit (Huerta-Cepas et al., 2016).
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Result files

- [Download image \(SVG\)](#)
[Download image \(PNG\)](#)
[Download pdf](#)
[Download Result \(1954MB\)](#)
- [Download log](#)

Phylogram

- disable bootstrap
 disable branch length



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
Eukaryote	<i>Fusarium oxysporum</i> f. sp. <i>albedinis</i> 9	JAKELM010000000
	<i>Fusarium oxysporum</i> f. sp. <i>albedinis</i> Foa133	JAAVJG010000000
	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> 4287	AAXH010000000
	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> MN25	AGBH010000000
	<i>Fusarium oxysporum</i> f. sp. <i>lisi</i> HDV247	AGBI010000000
	<i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> 26381	AGNB010000000
	<i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> 25433	AGNC010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4 54006	AGND010000000
	<i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i> race 2 54008	AGNF010000000
	<i>Fusarium oxysporum</i> f. sp. <i>raphani</i> 54005	AGNG010000000
	<i>Fusarium oxysporum</i> f. sp. <i>melonis</i> 26406	AGNE010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 1	AMGP010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 4	AMGQ010000000
	<i>Fusarium oxysporum</i> f. sp. <i>radicis-cucumerinum</i> strain Forc016	MABQ020000000
	<i>Fusarium oxysporum</i> f. sp. <i>cepae</i> strain FoCA23	MRCW010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cepae</i> strain FoCFus2	MRCU010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cepae</i> strain FoC125	MRCV010000000
	<i>Fusarium oxysporum</i> f. sp. <i>narcissi</i> strain N139	MQTW010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> strain 160527	SRMI010000000
	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> strain TR4 isolate UK0001	VMNF010000000
	<i>Fusarium graminearum</i> PH-1	NZ_AACM020000000
	<i>Dickeya dadantii</i> NCPPB 898 NCPPB898	NZ_CM001976
	<i>Dickeya solani</i> A623-S20-A17	NZ_JAIZGA010000001
	<i>Dickeya solani</i> Am3a	NZ_VZQK010000001
	<i>Dickeya solani</i> CH05026	NZ_JAEKIO010000001
	<i>Dickeya solani</i> CH07044	NZ_JAEKIP010000001
	<i>Dickeya solani</i> CH9635-1	NZ_JAEKIM010000001
	<i>Dickeya solani</i> CH9918-774	NZ_JAEKIN010000001
	<i>Dickeya solani</i> D12	NZ_PGUT010000001
	<i>Dickeya solani</i> Ds0432-1	NZ_CP017453
	<i>Dickeya solani</i> F012	NZ_PDVN010000001
	<i>Dickeya solani</i> GBBC2040	NZ_CM001860
	<i>Dickeya solani</i> IFB0099	NZ_CP024711
<i>Dickeya solani</i> IFB 0158	NZ_PENA010000001	
<i>Dickeya solani</i> IFB0167	NZ_CP051457	
<i>Dickeya solani</i> IFB0212	NZ_JABAON010000001	
<i>Dickeya solani</i> IFB 0221	NZ_PEMZ010000001	
<i>Dickeya solani</i> IFB0223	NZ_CP024710	
<i>Dickeya solani</i> IFB0231	NZ_CP051458	
<i>Dickeya solani</i> IFB0311	NZ_JABAOO010000001	
<i>Dickeya solani</i> IFB0417	CP051459	
<i>Dickeya solani</i> IFB0421	NZ_CP051460	
<i>Dickeya solani</i> IFB0487	JABAOP010000001	
<i>Dickeya solani</i> IFB0695	NZ_JABAOQ010000001	
<i>Dickeya solani</i> IPO2019	NZ_CP071062	
<i>Dickeya solani</i> IPO2222	NZ_CP015137	
<i>Dickeya solani</i> M21a	NZ_VZQM010000001	
<i>Dickeya solani</i> MIE35	NZ_VZQI010000001	
<i>Dickeya solani</i> MK10	NZ_CM001839	
<i>Dickeya solani</i> MK16	NZ_CM001842	
<i>Dickeya solani</i> PPO9019	NZ_CP017454	
<i>Dickeya solani</i> PPO9134	NZ_JWLT010000021	
<i>Dickeya solani</i> RNS05.1.2A Contig	NZ_JWMJ010000001	
<i>Dickeya solani</i> RNS07.7.3B	NZ_JWLR010000001	
<i>Dickeya solani</i> RNS 08.23.3.1.A	NZ_CP016928	
<i>Dickeya solani</i> RNS10-27-2A	NZ_VZQJ010000001	
<i>Dickeya solani</i> Sp1a	NZ_VZQL010000001	