




CORRECTION

Correction to: Recent approaches on the genomic analysis of the phytopathogenic fungus *Colletotrichum* spp.

María Carbú · Javier Moraga · Jesús M. Cantoral · Isidro G. Collado  · Carlos Garrido



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Correction to:

Phytochem Rev (2020) 19:589–601
<https://doi.org/10.1007/s11101-019-09608-0>

The authors wish to make it known that we mistakenly used some unpublished data from the Joint Genome Institute (JGI) database in some parts of this article in a way that violates the JGI usage agreement. We apologize to the principal investigators of the JGI Community Sequencing Projects (below) for this error.

- Genomic signatures of pathogenicity and endophytism in five species of grass-associated *Colletotrichum* impacting the health and production of bioenergy feedstocks, agriculture and the environment. Ref: CSP-2012-729. <http://genome.jgi.doe.gov/Gensignviroenvironment/Gensignviroenvironment.info.html>

- Evolution and adaptation of carbohydrate utilization in the *Colletotrichum acutatum* species complex. Ref: CSP-2015-1661. <https://genome.jgi.doe.gov/portal/Evoandspecomplex/Evoandspecomplex.info.html>

Additionally, Table 1 in the original version of this article unfortunately contained some errors. The corrected table is presented below (Table 1).

The original article can be found online at <https://doi.org/10.1007/s11101-019-09608-0>.

M. Carbú · J. M. Cantoral · C. Garrido (✉)
Department of Biomedicine, Biotechnology and Public Health, Laboratory of Microbiology, Faculty of Marine and Environmental Sciences, University of Cádiz, 11510 Puerto Real, Spain
e-mail: carlos.garrido@uca.es

J. Moraga · I. G. Collado (✉)
Department of Organic Chemistry, Faculty of Sciences, University of Cádiz, 11510 Puerto Real, Spain
e-mail: isidro.gonzalez@uca.es

Table 1 List of fungal genomes

Genus	Species	Strain	Ensembl fungi		NCBI		JGI—MycoCosm		Project status	
			Genome assembly accession	Genome assembly size (Mbp)	Taxon ID	BioProject accession	Principal investigator	Source		
<i>Colletotrichum</i>	<i>foriniae</i> ^a	PJ7	GCA_000582985.1	50.15	1445577	PRINA233987	14,122	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>gloeosporioides</i> ^b	Nara_gc5	GCA_000319635.1	55.60	1213859	PRINA171218	16,327	Ken Shirasu*	RIKEN Plant Science Center	In protein compara
<i>Colletotrichum</i>	<i>gloeosporioides</i> ^c	Cg14	GCA_000446055	61.92	1237896	PRINA176412	16,982	Dov Prusky*	Volcani Center	In protein compara
<i>Colletotrichum</i>	<i>chlorophyti</i> ^d	NTL11	GCA_001937105	52.39	708187	PRINA350752	10,310	Ken Shirasu	RIKEN Center for Sustainable Resource Science	In protein compara
<i>Colletotrichum</i>	<i>cuscutae</i>	IMI 304802	GCA_000149035	80.45	1209917	PRINA350379	17,289	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>graminicola</i> ^e	M1.001	GCA_000149035	51.60	645133	PRINA37879	12,511	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>higginsianum</i> ^f	IMI 349063	GCA_000313795	45.95	759273	PRINA47061	14,651	Richard J. O'Connell*	Max Planck Institute for Plant Breeding Research	In protein compara
<i>Colletotrichum</i>	<i>incanum</i> ^g	MAFF 238712	GCA_001625285.1	53.00	1573173	PRINA286717	12,330	Ken Shirasu	RIKEN Center for Sustainable Resource Science	In protein compara
<i>Colletotrichum</i>	<i>nymphaeae</i> ^h	SA-01	GCA_001563115	49.96	1460502	PRINA237763	14,788	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>orbiculare</i> ⁱ	MAFF 240422	GCA_000350065	88.30	1213857	PRINA171217	14,401	Ken Shirasu	RIKEN Center for Sustainable Resource Science	In protein compara

Table 1 continued

Genus	Species	Strain	Ensembl fungi Genome assembly accession	NCBI		JGI—Mycocosm			Project status	
				Taxon ID	BioProject accession	Genome assembly size (Mbp)	Number of predicted gene	Principal investigator		Source
<i>Colletotrichum</i>	<i>sansevieriae</i> ^k	Sa-1-2		328473	PRJNA391063	51.20	8642		In protein compara	
<i>Colletotrichum</i>	<i>salicis</i> ^l	CBS607.94	GCA_001563125	1209931	PRJNA238477	48.37	14,135	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>simmondsii</i> ^l	CBS122122	GCA_001563135	703756	PRJNA239224	50.47	13,884	Michael Thon	Universidad de Salamanca	In protein compara
<i>Colletotrichum</i>	<i>sublineola</i>	CBS131301	GCA_000696135	1173701	PRJNA246670	46.62	15,208	Jo Anne Crouch	USDA-ARS	In protein compara
<i>Colletotrichum</i>	<i>tofieldiae</i> ^m	O861	GCA_001625265	708197	PRJNA286721	52.83	12,961	Richard J. O'Connell*	Max Planck Institute for Plant Breeding Research	In protein compara
<i>Colletotrichum</i>	<i>acutatum</i> ⁿ	KC05		27357	PRJNA314171	52.19	13,559	Kyoung Su Kim	Kangwon National University	Fungal Standard Draft
<i>Colletotrichum</i>	<i>caudatum</i>	CBS131602 v1.0		5460	PRJNA262368	44.20	15,294	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>cereale</i>	CBS129662		343994	PRJNA26440	52.15	16,412	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>eremochloae</i>	CBS129661 v1.0		1173702	PRJNA262442	47.21	15,169	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>falcatum</i>	MAFF306170 v1.0		129314	PRJNA262221	49.09	15,619	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>florintiae</i>	MH18		1314772	PRJNA196041	50.04	15,777	Francis Martin	INRA Nancy	Fungal Standard Draft
<i>Colletotrichum</i>	<i>godetiae</i> ^o	C184		1209918	PRJNA315612	51.65	16,071	Michael Thon	Universidad de Salamanca	Fungal Standard Draft

Table 1 continued

Genus	Species	Strain	Ensembl fungi Genome assembly accession	NCBI		JGI—MycoCosm			Project status	
				Taxon ID	BioProject accession	Genome assembly size (Mbp)	Number of predicted gene	Principal investigator		Source
<i>Colletotrichum</i>	<i>lupini</i>	CBS 109225		145971	PRJNA333340	58.76	15,365	Michael Thon	Universidad de Salamanca	Fungal Standard Draft
<i>Colletotrichum</i>	<i>navitas</i>	CBS125086		681940	PRJNA262371	52.44	14,682	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>orchidophilum</i> ^P	IMI 309357	GCA_001831195	1209926	PRJNA342923	48.56	14,496	Michael Thon*	Universidad de Salamanca	Fungal Standard Draft
<i>Colletotrichum</i>	<i>phormii</i>	CBS 102054		359342	PRJNA333354	51.67	15,209	Michael Thon	Universidad de Salamanca	Fungal Standard Draft
<i>Colletotrichum</i>	<i>somersetensis</i>	CBS 131599		1500509	PRJNA262441	53.67	15,193	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft
<i>Colletotrichum</i>	<i>zoysiae</i>	MAFF235873		1216348	PRJNA262217	46.53	15,326	Jo Anne Crouch	USDA-ARS	Fungal Standard Draft

^aBaroncelli et al. (2014), ^bGan et al. (2013), ^cAlkan et al. (2015), ^dGan et al. (2017), ^eO'Connell et al. (2012), ^fO'Connell et al. (2012), Zampounis et al. (2016), ^gGan et al. (2016), ^hBaroncelli et al. (2016), ⁱGan et al. (2013), ^jNakamura et al. (2018), ^kCannon et al. (2012), ^lDamm et al. (2012), ^mHacquiard et al. (2016), ⁿHan et al. (2016), ^oBaroncelli et al. (2015), ^pDamm et al. (2012)

*PI data were obtained from JGI website but genome sequence and gene models have not been determined by the JGI, but were downloaded from NCBI Genomes that have not been published are marked in bold

Reference

- Alkan N, Friedlander G, Ment D, Prusky D, Fluhr R (2015) Simultaneous transcriptome analysis of *Colletotrichum gloeosporioides* and tomato fruit pathosystem reveals novel fungal pathogenicity and fruit defense strategies. *New Phytol* 205:801–815. <https://doi.org/10.1111/nph.13087>

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