

Supplementary Information

Yeast diversity in relation to the production of fuels and chemicals.

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Supplementary Table S1: Information and history of selected yeasts

Yeast Number	Name	NCYC number	Habitat	Year deposited	NCYC URL	Other URL	
1	<i>Kluyveromyces marxianus</i>	NCYC 2791			https://catalogue.ncyc.co.uk/kluyveromyces-marxianus-2791	CBS:	http://www.westerdijkinstituut.nl/Collections/BioloMICS.aspx?TableKey=14682616000000011&Rec=383&Fields=All
2	<i>Rhodotorula mucilaginosa</i>	NCYC 65		1921	https://catalogue.ncyc.co.uk/rhodotorula-mucilaginosa-65	ATCC	https://www.lgcstandardsatcc.org/products/all/20129.aspx?geo_country=gb#generalinformation
3	<i>Hanseniaspora osmophila</i>	NCYC 31	Bark of tree	1920	https://catalogue.ncyc.co.uk/hanseniaspora-osmophila-31	CBS	http://www.westerdijkinstituut.nl/Collections/BioloMICS.aspx?Table=CBS%20strain%20database&Rec=29&Fields=All
4	<i>Debaryomyces hansenii</i>	NCYC 10		1925	https://catalogue.ncyc.co.uk/debaryomyces-hansenii-10		
5	<i>Zygosaccharomyces rouxii</i>	NCYC 568	Concentrated black grape must	1959	https://catalogue.ncyc.co.uk/zygosaccharomyces-rouxii-568	CBS	http://www.straininfo.net/strains/105346/browse
6	<i>Wickerhamomyces anomalus</i>	NCYC 16		1921	https://catalogue.ncyc.co.uk/wickerhamomyces-anomalus-16	ATCC	https://www.atcc.org/~ps/36905.ashx
7	<i>Zygosaccharomyces thermotolerans</i>	NCYC 2433	Fermenting Mirabelle plum jam	1992	https://catalogue.ncyc.co.uk/lachancea-thermotolerans-2433	CBS	http://www.westerdijkinstituut.nl/Collections/BioloMICS.aspx?Table=CBS%20strain%20database&Rec=3018&Fields=All
8	<i>Candida tropicalis</i>	NCYC 4		1928	https://catalogue.ncyc.co.uk/candida-tropicalis-4	CBS	http://www.westerdijkinstituut.nl/Collections/BioloMICS.aspx?Table=CBS%20strain%20database&Rec=1203&Fields=All
9	<i>Kazachstania servazzii</i>	NCYC 2577	Soil	1994	https://catalogue.ncyc.co.uk/kazachstania-servazzii-2577	CBS	http://www.westerdijkinstituut.nl/Collections/BioloMICS.aspx?Table=CBS%20strain%20database&Rec=1878&Fields=All
10	<i>Galactomyces candidus</i>	NCYC 49	Milk	1929	https://catalogue.ncyc.co.uk/galactomyces-candidus-49		
11	<i>Saccharomyces cerevisiae</i>	NCYC 2826	Grape must	1998	https://catalogue.ncyc.co.uk/saccharomyces-cerevisiae-2826	CECT	http://www.straininfo.net/strains/283117/browse

Supplementary Figure S1. Phases of yeast growth highlighting the Lag Phase (LP), Exponential Phase (EP) and Stationary Phase, (SP) and the definition of Efficiency (ΔOD).

