

Table S1. Yeast species and strains belonging to the phylum Ascomycota and Basidiomycota used in this study

Taxa	Strain	No. of strain
Phylum Ascomycota, Subphylum Saccharomycotina		
<i>Blastobotrys</i> sp.	YE-8	1
<i>Candida fermentati</i>	DMKU-CP175, DMKU-CP265, DMKU-CP373, DMKU-CP79, DMKU-CP367	5
<i>Candida floricola</i>	DMKU-CP149, DMKU-CP367	2
<i>Candida fukuyamaensis</i>	DMKU-CP312	1
<i>Candida intermedia</i>	DMKU-CP07, DMKU-CP03, DMKU-CP377, DMKU-CP57, DMKU-CP59, YE-20	6
<i>Candida michaelii</i>	YE-239	1
<i>Candida nivariensis</i>	DMKU-CP497	1
<i>Candida parapsilosis</i>	DMKU-RP300	1
<i>Candida pseudointermedia</i>	DMKU-CP501	1
<i>Candida tropicalis</i>	YE-111, YE-115	2
<i>Candida wangnamhkiaoensis</i>	YE-166	1
<i>Hanseniaspora guilliermondii</i>	DMKU-CP295	1
<i>Hanseniaspora opuntiae</i>	DMKU-CP99	1
<i>Hyphopichia burtonii</i>	YE-164	1
<i>Kodamaea ohmeri</i>	DMKU-CP258, DMKU-CP281, DMKU-CP471, DMKU-CP51	4
<i>Meyerozyma caribbica</i>	DMKU-CP140, DMKU-CP160, DMKU-CP43, DMKU-CP48, DMKU-CP503, DMKU-CP202, DMKU-CP216, YE-184, YE-201, YE-238, YE-240	11
<i>Meyerozyma guilliermondii</i>	YE-100	1
<i>Pichia myanmerensis</i>	YE-165	1
<i>Wickerhamomyces anomalus</i>	DMKU-CP122, DMKU-CP127, YE-42	4
Phylum Basidiomycota, Subphylum Agaricomycotina		
<i>Goffeauzyma iberica</i>	DMKU-CP72	1
<i>Kwoniella dendrophila</i>	DMKU-CP263	1
<i>Kwoniella haveanensis</i>	DMKU-CP60, DMKU-CP96, DMKU-CP222	3
<i>Hannaell coprosmaensis</i>	DMKU-CP350	1
<i>Hannella luteola</i>	DMKU-CP282, DMKU-CP469	2
<i>Hannella oryzae</i>	DMKU-CP177, DMKU-CP174, YE-69	3
<i>Hannella sinensis</i>	DMKU-CP181, DMKU-CP184, DMKU-CP188, DMKU-CP294, DMKU-CP299, DMKU-CP335, DMKU-CP321, DMKU-CP386, DMKU-CP430, DMKU-CP437, YE-19, YE-56, YE-58	13
<i>Hannella siamensis</i>	DMKU-CP200, DMKU-CP09, YE-124	3
<i>Papiliotrema aspenensis</i>	YE-105	1
<i>Papiliotrema flavescens</i>	YE-127	1
<i>Papiliotrema hoabinhensis</i>	DMKU-CP97	1
<i>Papiliotrema japonica</i>	YE-135	1
<i>Papiliotrema laurentii</i>	DMKU-CP250, YE-23	2
<i>Papiliotrema nemorosus</i>	DMKU-CP380, DMKU-CP391	2
<i>Papiliotrema rajasthanensis</i>	DMKU-CP395, DMKU-CP02, DMKU-CP10, DMKU-CP204, DMKU-CP213, DMKU-CP348 DMKU-CP502, DMKU-RP222, YE-253	9
<i>Papiliotrema siamense</i>	YE-43	1

Taxa	Strain	No. of strain
<i>Saitozyma flava</i>	DMKU-CP150	1
<i>Trichosporon asahii</i>	YE-116	1
<i>Trichosporon asteroides</i>	YE-169	1
Phylum Basidiomycota, Subphylum Pucciniomycotina		
<i>Occultifer exturnus</i>	DMKU-CP332	1
<i>Rhodosporiobolus fluvialis</i>	DMKU-CP34, DMKU-CP293	2
<i>Rhodosporiobolus ruineniae</i>	DMKU-CP270, DMKU-CP284, DMKU-CP353, DMKU-CP355	4
<i>Rhodotorula mucilaginosa</i>	DMKU-CP165, YE-102, YE-112, YE-171, YE-175	5
<i>Rhodotorula paludigena</i>	DMKU-CP168, DMKU-CP234, DMKU-CP256, DMKU-CP259, DMKU-CP493, DMKU-CP119, DMKU-CP162, DMKU-CP170, DMKU-CP179, DMKU-CP203, DMKU-CP218, DMKU-CP411, DMKU-CP460, YE-52	14
<i>Rhodotorula slooffiae</i>	DMKU-CP485, DMKU-CP135,	2
<i>Rhodotorula</i> sp.	DMKU-CP209, DMKU-CP246, DMKU-CP297, YE-188	4
<i>Rhodotorula taiwanensis</i>	DMKU-CP04, DMKU-CP18, DMKU-CP55, YE-126, YE-213, YE-9	6
<i>Rhodotorula toruloides</i>	DMKU-CP474	1
<i>Sporidiobolus pararoseus</i>	DMKU-CP195, DMKU-CP183, DMKU-CP186, DMKU-CP305, DMKU-CP322, DMKU-CP403, DMKU-CP418, DMKU-CP505, DMKU-CP513, YE-17, YE-249, YE-60	12
<i>Sporobolomyces bannaensis</i>	DMKU-CP24	1
<i>Sporobolomyces blumeae</i>	YE-144, YE-15	2
<i>Sporobolomyces nylandii</i>	DMKU-CP133, DMKU-CP217, DMKU-CP230	3
<i>Sporobolomyces carnicolor</i>	DMKU-CP29, DMKU-CP477, DMKU-CP489	3
<i>Sporobolomyces</i> sp.	YE-81	1
<i>Symmetrospora marina</i>	DMKU-CP155, DMKU-CP149	2
<i>Symmetrospora oryzicola</i>	DMKU-CP457	1
<i>Symmetrospora suhii</i>	DMKU-CP145, DMKU-CP443	2
Phylum Basidiomycota, Subphylum Ustilaginomycotina		
<i>Dirkmeia churashimeansis</i>	YE-223, YE-71	2
<i>Moesziomyces aphidis</i>	DMKU-CP111, DMKU-CP220	2
<i>Moesziomyces antarcticus</i>	DMKU-CP124, YE-142	2
<i>Pseudozyma hubeiensis</i>	YE-21	1