

No	Species	PRA1 orthologue [accession]	PRA1-ZIP synteny	ZIP Zrt1 best hit [accession]	
1	<i>Candida albicans</i> SC5314	XP_715420	y	XP_715421	
2	<i>C. dubliniensis</i>	XP_002420285	y	XP_002420284	
3	<i>C. maltosa</i>	EMG45831	y	EMG45830	
4	<i>C. orthopsilosis</i>	N	-	XP_003867188	
5	<i>C. parapsilosis</i>	N	-	CCE43791	
6	<i>C. tenuis</i>	N	-	XP_006687343	
7	<i>C. tropicalis</i>	XP_002549456	y	XP_002549455	
8	<i>C. auris</i>	XP_018167856	N	XP_018167047	
9	<i>C. intermedia</i>	SGZ52912	N	SGZ48790	
10	<i>C. boidinii</i>	OWB68967	N	OWB64932	
11	<i>C. tanzawaensis</i> NRRL-17324	N	-	XP_020067499	
12	<i>C. glabrata</i>	N	-	XP_449534	
13	<i>C. arabinofermentans</i> NRRL-2248	N	-	ODV82974	
14	<i>Millerozyma farinosa</i> CBS 7064	CCE80559	y	CCE80560	
15	<i>Debaryomyces fabryi</i>	XP_015465996	y	XP_015465995	
16	<i>Debaryomyces hansenii</i> CBS767	XP_457655	y	XP_457654	
17	<i>Hyphopichia burtonii</i> NRRL Y-1933	XP_020077368	y	XP_020077367	
18	<i>Scheffersomyces stipitis</i> CBS_6054	XP_001386401	y	XP_001386213	
19	<i>Meyerozyma guilliermondii</i> ATCC 6260	XP_001482986	*	XP_001483613	
20	<i>Lodderomyces elongisporus</i> NRRL YB-4239	N	-	XP_001523151	
21	<i>Spathaspora passalidarum</i> NRRL Y-27907	N	-	XP_007373231	
22	<i>Babjeviella inositovora</i> NRRL Y-12698	N	-	XP_018982225	
23	<i>Saccharomyces cerevisiae</i> YJM1190	AJT88464	N	AJV47561	
24	<i>Saccharomyces kudriavzevii</i> IFO 1802	EJT41755	*	n	
25	<i>Saccharomyces eubayanus</i>	XP_018219198	N	XP_018222000	
26	<i>Saccharomyces arboricola</i> H-6	EJS41803	*	EJS43846	
27	<i>Torulaspora delbrueckii</i>	XP_003681486	N	XP_003681450	
28	<i>Lachancea thermotolerans</i> CBS 6340	XP_002552739	N	XP_002554598	
29	<i>Kluyveromyces lactis</i>	XP_452206	N	XP_453785	
30	<i>Wickerhamomyces anomalus</i> NRRL Y-366-8	XP_019037544	Y	XP_019037545	
31	<i>Nadsonia fulvescens</i> var. <i>elongata</i> DSM 6958	ODQ66887	Y	ODQ66888	
32	<i>Cyberlindnera fabianii</i>	CDR44326	Y	CDR44330	
33	<i>Wickerhamomyces ciferrii</i>	XP_011277151	Y	XP_011277152	
34	<i>Cyberlindnera jadinii</i> NRRL Y-1542	XP_020069857	y	XP_019037545	
35	<i>Cryptococcus amyloletus</i> CBS 6039	XP_018989879	y	XP_018989878	

36	<i>Cryptococcus depauperatus</i> CBS 7841	ODN87535	y	ODN87536	
37	<i>Kwoniella dejecticola</i> CBS 10117	XP_018261282	y	XP_018261281	
38	<i>Kwoniella pini</i> CBS 10737	XP_019011269	y	XP_019011270	
39	<i>Kwoniella mangroviensis</i> CBS 10435	OCF57484	Y	OCF57485	
40	<i>Tsuchiyaea wingfieldii</i> CBS 7118	N	-	XP_019030547	
41	<i>Cryptococcus neoformans</i>	N	-	OWZ52593	
42	<i>Cryptococcus gattii</i> CA1280	N	-	KIR49314	
43	<i>Aspergillus nidulans</i> FGSC A4	XP_659436	y	XP_659436	
44	<i>Aspergillus bombycis</i>	XP_022386508	Y	XP_022386509	
45	<i>Aspergillus lentulus</i>	GAQ08121	y	GAQ08120	
46	<i>Aspergillus fumigatus</i>	XP_022399211	y	XP_751869	
47	<i>Aspergillus turcosus</i>	OXN35595	y	OXN35592	
48	<i>Aspergillus fischeri</i> NRRL 181	XP_001267052	y	XP_001267053	
49	<i>Aspergillus parasiticus</i> SU-1	KJK62992	Y	KJK63050	
50	<i>Aspergillus udagawae</i>	GAO83587	N	GAO90807	
51	<i>Aspergillus oryzae</i> RIB40	XP_001817942	y	XP_001817943	
52	<i>Aspergillus wentii</i> DTO 134E9	OJJ40798	y	OJJ40799	
53	<i>Aspergillus sydowii</i> CBS 593.65	OJJ64235	N	OJJ64233	
54	<i>Aspergillus flavus</i> NRRL3357	XP_002373106	y	XP_002373107	
55	<i>Aspergillus nomius</i> NRRL 13137	XP_015408011	y	XP_015408010	
56	<i>Aspergillus thermomutatus</i>	OXS12286	y	OXS12287	
57	<i>Aspergillus versicolor</i> CBS 583.65	OJI98327	N	OJI98325	
58	<i>Aspergillus glaucus</i> CBS 516.65	XP_022399211	N	XP_022405657	
59	<i>Aspergillus cristatus</i>	ODM16441	*	ODM23093	
60	<i>Aspergillus calidoustus</i>	CEL05170	y	CEL05169	
61	<i>Aspergillus clavatus</i> NRRL 1	XP_001271840	y	XP_001271839	
62	<i>Penicillium camemberti</i>	CRL17198	y	CRL17197	
63	<i>Penicillium solitum</i>	OQE01136	y	OQE01072	
64	<i>Penicillium polonicum</i>	OQD66641	y	OQD66428	
65	<i>Penicillium nordicum</i>	KOS41019	N	KOS41024	
66	<i>Penicillium expansum</i>	XP_016597257	y	XP_016597256	
67	<i>Penicillium vulpinum</i>	OQE07605	y	OQE07538	
68	<i>Penicillium italicum</i>	KGO71854	y	KGO71853	
69	<i>Penicillium coprophilum</i>	OQE46171	y	OQE46829	
70	<i>Penicillium griseofulvum</i>	KXG46698	y	KXG46699	
71	<i>Penicillium rubens</i> Wisconsin 54-1255	XP_002562292	y	XP_002562293	
72	<i>Penicillium flavigenum</i>	OQE30241	y	OQE30484	
73	<i>Penicillium brasilianum</i>	CEJ55628	y	CEJ55627	
74	<i>Penicillium antarcticum</i>	OQD81362	y	OQD81283	
75	<i>Penicillium oxalicum</i> 114-2	EPS27156	*	EPS30514	
76	<i>Penicillium nalgiovense</i>	OQE90320	y	OQE90300	
77	<i>Penicillium arizonense</i>	XP_022493837	y	XP_022494017	
78	<i>Penicillium freii</i>	KUM61209	y	KUM61210	
79	<i>Penicillium roqueforti</i> FM164	CDM33564	y	CDM33563	
80	<i>Penicillium digitatum</i> Pd1	XP_014531321	y	XP_014531321	
81	<i>Penicillium subrubescens</i>	OKP15198	y	OKP15199	
82	<i>Penicillium occitanis</i>	PCG97133	y	PCG97134	

83	<i>Spizellomyces punctatus</i> DAOM BR117	XP_016604344	N	XP_016609628	
84	<i>Histoplasma capsulatum</i> H88	N	-	EGC45219	
85	<i>Pneumocystis jirovecii</i> RU7	N	-	XP_018229860	
86	<i>Coccidioides posadasii</i> C735 delta SOWgp	XP_003070371	Y	XP_003070372	
87	<i>Coccidioides immitis</i> RS	XP_001241166	y	XP_001241167	
88	<i>Paracoccidioides brasiliensis</i>	N	-	ODH38939	
89	<i>Stachybotrys chlorohalonata</i> IBT 40285	KFA60783	N	KFA66915	
90	<i>Blastomyces dermatitidis</i> ER-3	EEQ91485	N	EEQ91531	
91	<i>Anthracoystis flocculosa</i> PF-1	XP_007882094	N	XP_007879588	
92	<i>Hypsizygus marmoreus</i>	KYQ40894	y	KYQ40893	
93	<i>Tilletia indica</i>	OAJ01445	y	A4X13_g5920	
94	<i>Kockovaella imperatae</i>	XP_021870272	y	BD324DRAFT_581562	
95	<i>Tilletiaria anomala</i> UBC 951	XP_013239746	-	no hit	
96	<i>Ustilago maydis</i> 521	XP_011389526	y	UMAG_03110	
97	<i>Leucosporidium creatinivorum</i>	ORY67941	N	ORY91603	
98	<i>Moesziomyces aphidis</i> DSM 70725	ETS61969	y	ETS61968	
99	<i>Pseudozyma hubeiensis</i> SY62	XP_012190163	y	XP_012190162	
100	<i>Rhodotorula graminis</i> WP1	XP_018271388	N	XP_018270067	
101	<i>Sporisorium scitamineum</i>	CDW96755	*	CDU26164	
102	<i>Kalmanozyma brasiliensis</i> GHG001	XP_016290366	y	XP_016290367	

*Syntenic relationship not clear