

Table S1 The detailed information regarding strains tested in this study

Species/Cryptic species /Strain	Source	Geographical Origin	Reference
<i>C. gattii</i>			
VGI genotype			
WM179	CSF	Australia	1
WM276	<i>Eucalyptus</i>	Australia	2
B5242	Clinical	USA	2
E286	Environmental	Australia	2
RV66095	CSF	Brazil	3
RV3463	CSF	Belgium	3
RV66536	Clinical	Brazil	3
XH111	Mouse brain	North West China	3
RV8001	CSF	Belgium	3
RV52641	NA	Belgium	3
XH3	CSF	East China	3
XH4	CSF	East China	3
XH5	CSF	East China	3
XH23	CSF	East China	3
XH24	CSF	East China	3
XH31	CSF	East China	3
XH32	Sputum	East China	3
XH72	CSF	East China	3
XH133	Clinical	South China	4
E566	<i>Eucalyptus</i>	Australia	2
E276	<i>Eucalyptus</i>	Australia	2
E312	<i>Eucalyptus</i>	Australia	2
E554	<i>Eucalyptus</i>	Australia	2
C2077	Environmental	Australia	2
NT-2	Clinical	Australia	2
RV20186	CSF	Zaire	2
B4492	Clinical	Cambodia	2
R794	Clinical	Canada	2
F2863	Porpoise	Canada	2
KB7892	Arbutus	Canada	2
VGII genotype			
NIH444	Clinical	USA	2
R265	Clinical	Vancouver	2
ICB179	Environmental	Brazil	2
WM178	Lung	Australia	1
XH91	CSF	South China	3
R272	Clinical	Vancouver	2

Species/Cryptic species /Strain	Source	Geographical Origin	Reference
2003/125	Clinical	France	2
CBS1930	Veterinary	Aruba	2
CBS10090	Clinical	Greece	4
XH156	CSF	South China	4
LA584	Clinical	Colombia	5
ICB180	Environmental	Brazil	2
RDH-2	Clinical	Australia	2
EJB12	Clinical	USA	5
CBS8684	Environmental	Uruguay	2
2004/335	Clinical	French Guyana	2
ICB97	Clinical	Brazil	2
99/901-2	Clinical	France	2
EJB10	Clinical	USA	5
EJB6	Clinical	USA	5
VGIII genotype			
WM161	<i>Eucalyptus</i>	USA	1
NIH179	Clinical	NA	2
MAS92-0409	NA	USA	2
NIH836	Clinical	NA	2
NIH312	CSF	USA	2
RV45184	NA	Belgium	3
B4546	Clinical	NA	2
NIH191	Clinical	USA	2
NIH198	Clinical	NA	2
ICB108	Clinical	Brazil	2
MEX240	Clinical	Mexico	6
CA1573	Clinical	USA	6
97/433	Clinical	Mexico	6
DUMC139.97	Clinical	Colombia	2
CA1521	Clinical	USA	6
B13C	Clinical	Asia	2
62270/571_159	Veterinary	Australia	2
CA2318	Clinical	USA	6
VGIV genotype			
WM779	Cheata	South Africa	1
MMRL2872	Clinical	Botswana	2
MMRL2874	Clinical	Botswana	2
MMRL2980	Clinical	Botswana	2
MMRL2933	Clinical	Botswana	2
YD48	NA	Italy	3

Species/Cryptic species /Strain	Source	Geographical Origin	Reference
M391	Clinical	Malawi	2
M250	Clinical	Malawi	2
B5748	Clinical	India	2
MMRL2879	Clinical	Botswana	2
MMRL3013	Clinical	Botswana	2
MMRL2924	Clinical	Botswana	2
<i>C. neoformans</i>			
WM148	CSF	Australia	1
H99	CSF	USA	3
IUM96-2828	Environmental	Italy	3
Bt130	Clinical	Botswana	3
KN99	Laboratory	USA	3
Bt88	CSF	Botswana	3
WM626	CSF	Australia	1
571-152	Cat	Australia	3
ATCC34874	Laboratory	USA	3
JEC20	Laboratory	USA	3
WM629	Blood	Australia	1
NIH433	Environmental	Denmark	3
RV33370	Clinical	Belgium	3
WM628	CSF	Australia	1
42-10	Environmental	USA	3
IUM92-6198	NA	Italy	3
<i>C. laurentii</i>			
RV30994	NA	Belgium	4
Y-2536	Palm wine	NRRL	4
<i>C. albidus</i>			
Y-2090	Sputum	NRRL	4
XH268	Skin lesion	East China	4
<i>C. uniguttulatus</i>			
XH236	Nail	East China	4
XH284	Nail	East China	4
XH358	Mucosa	East China	4
<i>S. cerevisiae</i>			
W303-1A	Lab	Slovak Republic	4
XH248	Nail	East China	4

Species/Cryptic species /Strain	Source	Geographical Origin	Reference
<i>T. asahii</i>			
Y-17953	Clinical	NRRL	4
XH196	Urine	South China	4
<i>R. mucilaginosa</i>			
Y-2510	NA	NRRL	4
XH299	Blood	South China	4
XH300	Blood	South China	4
<i>C. albicans</i>			
ATCC10231	Clinical	ATCC	4
ATCC11006	Clinical	ATCC	4
XH183	Drain	South China	4
XH186	Bile	South China	4
XH312	Ascites	South China	4
<i>C. glabrata</i>			
ATCC90030	Blood	USA	4
2086	Faeces	Italy	4
XH390	Vaginal	East China	4
<i>C. tropicalis</i>			
ATCC750	Bronchus	ATCC	4
XH185	Urine	South China	4
XH393	Sputum	East China	4
<i>C. parapsilosis</i>			
CBS604	Sprue	Puerto Rico	4
XH313	CVC	South China	4
XH309	Blood	South China	4
<i>C. krusei</i>			
ATCC6258	Sputum	Sri Lanka	4
XH318	Nail	East China	4
<i>C. guilliermondii</i>			
CBS2030	Insect frass	USA	4
Y-324	Sputum	NRRL	4
YB-231	Infected ear	NRRL	4
<i>C. lusitaniae</i>			
Y-5393	Sputum	NRRL	4

Species/Cryptic species /Strain	Source	Geographical Origin	Reference
XH224	Nail	East China	4
XH200	Sputum	South China	4
<i>C. kefyri</i>			
Y-2415	Yogurt	NRRL	4
XH297	Urine	South China	4
<i>C. famata</i>			
Y-17914	Mycotic lesion	NRRL	4
XH209	Skin	East China	4
<i>C. rugosa</i>			
Y-95	Feces	NRRL	4
XH205	Urine	South China	4

NA, not available

References

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