

Table 1. Strain sources and genome statistics

Organism	Strain	Genome size (Mb)	% GC	Total ORFs	Sequencing coverage	Data source	Reference
<i>Sp. passalidarum</i> (<i>Spas</i>)	NRRL Y-27907	13.2	42.0	5983	44X	DOE JGI	This work
<i>C. tenuis</i> (<i>Cten</i>)	NRRL Y-1498	10.7	42.9	5533	27X	DOE JGI	This work
<i>P. stipitis</i> (<i>Psti</i>)	CBS 6054	15.4	42.3	5841	Complete	DOE JGI	13
<i>C. albicans</i> (<i>Calb</i>)	WO-1	14.4	33.5	6157	10X	Broad Institute	49
<i>C. tropicalis</i> (<i>Ctro</i>)	MYA-3404	14.6	33.1	6258	10X	Broad Institute	19
<i>C. lusitanae</i> (<i>Clus</i>)	ATCC 42720	12.1	46.8	5936	9X	Broad Institute	19
<i>Debaryomyces hansenii</i> (<i>Dhan</i>)	CBS767	12.2	37.5	6887	10X	Genolevures	50
<i>L. elongisporus</i> (<i>Lelo</i>)	NRRL YB-4239	15.5	40.4	5796	9X	Broad Institute	19
<i>P. guilliermondii</i> (<i>Pgui</i>)	ATCC 6260	10.6	44.5	5920	12X	Broad Institute	19
<i>C. glabrata</i> (<i>Cgla</i>)	CBS 138	12.3	40.5	5215	8X	Genolevures	50
<i>Kluyveromyces lactis</i> (<i>Klac</i>)	NRRL Y-1140	10.7	40.1	5327	11X	Genolevures	50
<i>S. cerevisiae</i> (<i>Scer</i>)	S288c	12.1	34.4	5695	Complete	SGD	51
<i>Yarrowia lipolytica</i> (<i>Ylip</i>)	CLIB122	20.5	53.7	6436	10X	Genolevures	50
<i>Schizosaccharomyces pombe</i> (<i>Spom</i>)	972h-	12.5	39.6	5004	8X	Wellcome Trust	52

DOE JGI, Department of Energy Joint Genome Institute; SGD, Saccharomyces Genome Database.

13. Jeffries TW, et al. (2007) Genome sequence of the lignocellulose-bioconverting and xylose-fermenting yeast *Pichia stipitis*. *Nat Biotechnol* 25: 319–326.

19. Butler G, et al. (2009) Evolution of pathogenicity and sexual reproduction in eight *Candida* genomes. *Nature* 459: 657–662.

49. Jones T, et al. (2004) The diploid genome sequence of *Candida albicans*. *Proc Natl Acad Sci USA* 101: 7329–7334.

50. Dujon B, et al. (2004) Genome evolution in yeasts. *Nature* 430: 35–44.

51. Goffeau A, et al. (1996) Life with 6000 genes. *Science* 274: 546–567.

52. Wood V, et al. (2002) The genome sequence of *Schizosaccharomyces pombe*. *Nature* 415: 871–880.