

**Table S1 *S. cerevisiae* strains included in this study**

NAME	GEOGRAPHICAL ORIGIN	ECOLOGICAL ORIGIN	MATING TYPE	DIPLOID INCLUDED
DBVPG6765	Unknown	Unknown	a	yes
SK1	USA	Soil	a	yes
DBVPG6044	West Africa	Bili wine, from <i>Osbeckia grandiflora</i>	a	yes
DBVPG1373	Netherland	Soil	a	yes
DBVPG1853	Ethiopia	White Teff	a	yes
Y55	France	Grape	a	yes
YPS128	Pennsylvania, USA	Soil beneath <i>Q. alba</i>	a	yes
DBVPG1106	Australia	Grapes	a	yes
DBVPG6040	Netherland	Fermenting fruit juice	a	yes
BC187	Napa Valley, USA	Barrel fermentation	a	yes
YPS606	Pennsylvania, USA	Bark of <i>Q. rubra</i>	a	yes
L-1374	Chile	Fermentation from must Pais	a	yes
L-1528	Chile	Fermentation from must Cabernet	a	yes
NCYC361	Ireland	Beer spoilage strain from wort	a	yes
K11	Japan	Shochu sake strain	a	yes
Y12	Africa - Ivory Coast	Palm wine strain	a	yes
YS2	Australia	Baker strain	a	no
YS4	Netherlands	Baker strain	a	no
YS9	Singapore	Baker strain	a	no
UWOPS83-787.3	Bahamas	Fruit, <i>Opuntia stricta</i>	a	yes
UWOPS87-2421	Hawaii	Cladode, <i>Opuntia megacantha</i>	a	yes
UWOPS05-217.3	Malaysia	Nectar, Bertram palm	a	yes
UWOPS05-227.2	Malaysia	<i>Trigona</i> spp (Stingless bee) collected near Bertram palm flower	a	yes
W303	Unknown	N/A	a	no
322134S	RVI, Newcastle, UK	Clinical isolate (throat sputum)	a	no
378604X	RVI, Newcastle, UK	Clinical isolate (sputum)	a	no
273614N	RVI, Newcastle, UK	Clinical isolate (fecal)	a	yes

YJM978	Bergamo, Italy	Clinical isolate (vaginitis)	a	yes
YJM981	Bergamo, Italy	Clinical isolate (vaginitis)	a	yes
YJM975	Bergamo, Italy	Clinical isolate (vaginitis)	a	yes
FY4	Laboratory strain	Laboratory strain	a	no

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