

| Species | Strain | Source | Isolation origin | Continent/region | Isolation habitat | Habitat type | Genetic group | Reference |
|--------------------------|-----------------|------------------------|--|-------------------|--|------------------|-----------------------|----------------------------|
| <i>L. thermotolerans</i> | 3435 | Auckland University | New Zealand | Australia/Oceania | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | 11/Z-112 | University of Debrecen | Slovakia, Mala Trna | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 11/Z-1 | University of Debrecen | Slovakia, Mala Trna | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 11-27 | University of Debrecen | Slovakia, Mala Trna | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 14/1/Z-2 | University of Debrecen | Hungary, Erdőbénye | Europe | grapes, mummified | grape/wine | Mix E. Europe | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 2/2/Z-8 | University of Debrecen | Hungary, Sárszadány | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 5/1/Z-7 | University of Debrecen | Hungary, Vinicky | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 8/2/Z-3 | University of Debrecen | Slovakia, Černochoch | Europe | grapes, mummified | grape/wine | Mix Europe/N. America | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 8/Z-1 | University of Debrecen | Slovakia, Černochoch | Europe | grapes, mummified | grape/wine | Mix E. Europe | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 9/1/Z-4 | University of Debrecen | Slovakia, Mala Trna | Europe | grapes, mummified | grape/wine | Mix E. Europe | Sipiczki 2016 ^a |
| <i>L. thermotolerans</i> | 40-193 | Phaff YCC | USA, California | North America | grapes, cv. Alicante Bouchet | grape/wine | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | 50-15 | Phaff YCC | USA, Southern California, Pinon Flats, San Jacinto Mnts. | North America | <i>Drosophila pseudoobscura</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | 51-160 | Phaff YCC | USA, California, Aspen Valley, Yosemite area | North America | <i>Drosophila azteca</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | 51-171 | Phaff YCC | USA, California, Mather, Yosemite area | North America | <i>Drosophila pseudoobscura</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | 51-176 | Phaff YCC | USA, California, Mather, Yosemite area | North America | <i>Aulacigaster sp.</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | 60-260 | Phaff YCC | USA, UCD campus | North America | <i>Aulacigaster sp.</i> on <i>Ulmus carpinifolia</i> exudate | insect | Americas | na |
| <i>L. thermotolerans</i> | 60-373 | Phaff YCC | USA, Lake Berryessa area | North America | <i>Drosophila pseudoobscura</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | 61-245 | Phaff YCC | USA, North California Pacific Coast, Gualala River area | North America | <i>Aulacigaster sp.</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | 61-510 | Phaff YCC | USA, Lake Berryessa area | North America | <i>Drosophila pseudoobscura</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | 61-518 | Phaff YCC | USA, Lake Berryessa area | North America | <i>Drosophila melanogaster</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | 68-118 | Phaff YCC | USA, Yuba City | North America | conveyer belt scrapings (Sunsweet Prune) | agriculture/food | Domestic 1 | na |
| <i>L. thermotolerans</i> | 68-140 | Phaff YCC | USA, California | Australia/Oceania | bees | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-132 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensis</i> exudate | plant | Hawaii/California | na |

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|--------------------------|-----------|-----------|--------------------------------|-------------------|-----------------------------------|------------------|--------------------------|--------------------------------|
| <i>L. thermotolerans</i> | 72-137 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-141 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-144 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-148 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-150 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum flux</i> clear drip | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-153 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum flux</i> tacky gum | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-154 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | 72-175 | Phaff YCC | Hawaii, Ahumoa, Saddle Rd area | Australia/Oceania | <i>Myoporum sandwicensexudate</i> | plant | Hawaii/California | na |
| <i>L. thermotolerans</i> | AWRI 1018 | AWMCC | na | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | AWRI 1019 | AWMCC | na | na | na | na | Europe oak/France grapes | na |
| <i>L. thermotolerans</i> | AWRI 1668 | AWMCC | na | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | AWRI 1669 | AWMCC | na | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | AWRI 2009 | AWMCC | Australia, South Australia | Australia/Oceania | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | AWRI 927 | AWMCC | Italy | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | CBS 10516 | CBS-KNAW | Ukraine | Europe | <i>Quercus sp.</i> exudate | plant | Europe oak/France grapes | na |
| <i>L. thermotolerans</i> | CBS 10517 | CBS-KNAW | Ukraine | Europe | <i>Quercus sp.</i> exudate | plant | Other | na |
| <i>L. thermotolerans</i> | CBS 10518 | CBS-KNAW | Ukraine | Europe | <i>Quercus sp.</i> exudate | plant | Mix E. Europe | na |
| <i>L. thermotolerans</i> | CBS 10519 | CBS-KNAW | Ukraine | Europe | <i>Quercus sp.</i> exudate | plant | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 10520 | CBS-KNAW | Russia | Russia/Asia | <i>Quercus sp.</i> exudate | plant | Other | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 10521 | CBS-KNAW | Finland | Europe | <i>Quercus sp.</i> exudate | plant | Europe oak/France grapes | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 137 | CBS-KNAW | Netherlands | Europe | date | agriculture/food | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 1877 | CBS-KNAW | Italy | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | CBS 2803 | CBS-KNAW | Italy | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | CBS 2860 | CBS-KNAW | Italy, Sardinia | Europe | grape must | grape/wine | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 2907 | CBS-KNAW | South Africa | Africa | soil | soil | Domestic 2 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 2917 | CBS-KNAW | na | na | <i>Drosophila sp.</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | CBS 4728 | CBS-KNAW | former Czechoslovakia | Europe | grapes | grape/wine | Mix E. Europe | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CBS 5464 | CBS-KNAW | Australia | Australia/Oceania | cotton seed | agriculture/food | Hawaii/California | na |
| <i>L. thermotolerans</i> | CBS 6052 | CBS-KNAW | na | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | CBS 6292 | CBS-KNAW | Australia | Australia/Oceania | na | na | Europe oak/France grapes | na |

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|--------------------------|--------------------|--------------------|-------------------------------------|-----------------------|------------------------------|------------------|--------------------------|---|
| <i>L. thermotolerans</i> | CBS 6340T | CBS-KNAW | Russia | Russia/Asia | mirabelle plum conserve | agriculture/food | Domestic 1 | Freel et al. 2014 ^b , Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | CBS 6467 | CBS-KNAW | Japan | Russia/Asia | tree exudate | plant | Other | na |
| <i>L. thermotolerans</i> | CBS 7772 | CBS-KNAW | Brazil | South/Central America | <i>Uca sp.</i> | insect | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | CL 41 | University of Leon | Spain | Europe | grapes | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | CL 43 | University of Leon | Spain | Europe | grapes | grape/wine | Hawaii/California | na |
| <i>L. thermotolerans</i> | CONCERTO™ | CHR Hansen | "Mediterranean country" | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | CRBO L0672 | CRBOeno | France | Europe | grapes, fermentation | grape/wine | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | DBVPG 10092 | DBVPG | Algeria | Africa | soil, apple orchard | soil | Domestic 2 | na |
| <i>L. thermotolerans</i> | DBVPG 2551 | DBVPG | Italy, Piemonte | Europe | wine cv. Barbera | grape/wine | Domestic 2 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 2700 | DBVPG | Spain, La Mancha, Campo de Santiago | Europe | grapes cv. Airen | grape/wine | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 3418 | DBVPG | Italy | Europe | milk | agriculture/food | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 3464 | DBVPG | Spain, La Mancha, Valdepenas | Europe | grapes | grape/wine | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 3466 | DBVPG | Spain, La Mancha, La Encomienda | Europe | grapes | grape/wine | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 3469 | DBVPG | Spain, La Mancha, Manzanares | Europe | grapes | grape/wine | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 4014 | DBVPG | Italy | Europe | caverns | soil | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 4035 | DBVPG | ex Yugoslavia | Europe | grapes, must | grape/wine | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DBVPG 6322 | DBVPG | Italy | Europe | grapes | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | DBVPG 6326 | DBVPG | Italy | Europe | grapes, raisins | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | DBVPG 6867 | DBVPG | Brazil | South/Central America | <i>Pilosocereus arrabida</i> | plant | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | DV 87-18 | na | "Far East" | Russia/Asia | <i>Quercus sp.</i> exudate | plant | Other | Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | Fin. 89-11 | na | Finland | Europe | <i>Quercus sp.</i> exudate | plant | Europe oak/France grapes | Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | Fin. 89-2 | na | Finland | Europe | <i>Quercus sp.</i> exudate | plant | Europe oak/France grapes | Freel et al. 2014 ^b , Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | FRI10C.1 | NCYC | UK, Fritham, New Forest | Europe | <i>Quercus sp.</i> | plant | Europe oak/France grapes | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | HU 2511 | BOKU | Austria | Europe | grapes | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | IMAT 2508 | IMAT | na | na | na | na | Domestic 2 | na |
| <i>L. thermotolerans</i> | IMAT 2510 | IMAT | na | na | na | na | Domestic 2 | na |
| <i>L. thermotolerans</i> | ISVV Ltyq25 | ISVV | France, Sauternes | Europe | grapes, high sugar must | grape/wine | Europe oak/France grapes | na |
| <i>L. thermotolerans</i> | ISVV Ltyq3 | ISVV | France, Sauternes | Europe | grapes, high sugar must | grape/wine | Europe oak/France grapes | na |

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| <i>L. thermotolerans</i> | ISVV Ltyq36 | ISVV | France, Sauternes | Europe | grapes, high sugar must | grape/wine | Europe oak/France grapes | na |
| <i>L. thermotolerans</i> | JCB1 | ISVV | France, Sauternes | Europe | grapes, high sugar must | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | KEH.34.B.3 | na | USA, Missouri, Ste. Genevieve | North America | grapes, fermentation | grape/wine | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | LEVULIA® ALCOMENO | AEB | France, Burgundy | Europe | grapes, fermentation | grape/wine | Europe oak/France grapes | na |
| <i>L. thermotolerans</i> | LL12_031 | LL | Canada | North America | <i>Quercus sp.</i> tree bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL12_036 | LL | Canada | North America | <i>Acer sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL12_040 | LL | Canada | North America | <i>Acer sp.</i> bark | plant | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | LL12_041 | LL | Canada | North America | <i>Quercus sp.</i> bark | plant | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | LL12_056 | LL | Canada | North America | planted <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-038 | LL | USA, Massachusetts, Woburn | North America | <i>Quercus sp.</i> bark | plant | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | LL13-171 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-175 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-178 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-179 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-189 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-192 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-194 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-198 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | LL13-199 | LL | Canada, New-Brunswick, Oak Point Provincial Park | North America | <i>Quercus sp.</i> bark | plant | Canada trees | na |
| <i>L. thermotolerans</i> | MB10D.1 | NCYC | France, Montbarri | Europe | <i>Quercus sp.</i> | plant | Europe oak/France grapes | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | MB15D.1 | NCYC | France, Montbarri | Europe | <i>Quercus sp.</i> | plant | Europe oak/France grapes | Robinson et al. 2016 ^d |

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| <i>L. thermotolerans</i> | MELODY™ | CHR Hansen | Mediterranean country" | na | na | na | Domestic 1 | na |
| <i>L. thermotolerans</i> | MUCL 31341 | MUCL | Italy | Europe | wine | grape/wine | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | MUCL 31342 | MUCL | Italy | Europe | wine | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | MUCL 31343 | MUCL | Italy | Europe | grapes, fermentation | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | MUCL 31349 | MUCL | Italy | Europe | wine | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | MUCL 47720 | MUCL | Italy | Europe | wine | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | NCAIM Y.00775 | NCAIM | Hungary, Babat | Europe | <i>Carpinus betulu</i> exudate | plant | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | NCAIM Y.00798 | NCAIM | Hungary, Csikóváralka | Europe | brown rotten <i>Quercus</i> sp. | plant | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | NCAIM Y.00873 | NCAIM | Hungary, Budapest | Europe | rotten material of a cavity of <i>Betula pendula</i> | plant | Mix E. Europe | na |
| <i>L. thermotolerans</i> | NCAIM Y.01703 | NCAIM | Hungary, Nagyeged | Europe | grapes | grape/wine | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | <i>NEM 1</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | <i>NEM 12</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | <i>NEM 3</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | <i>NEM 5</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | <i>NEM 6</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | <i>NEM 7</i> | ITAP-DEMETER | Greece | Europe | grapes | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | NRLL Y-2193 | NRRL/ARS | USA, San Jacinto, California | North America | <i>Drosophila pseudoobscura</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | NRLL Y-2196 | NRRL/ARS | USA, San Jacinto, California | North America | <i>Drosophila pseudoobscura</i> | insect | Hawaii/California | na |
| <i>L. thermotolerans</i> | NRLL Y-2197 | NRRL/ARS | USA, San Jacinto, California | North America | <i>Drosophila pseudoobscura</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | NRLL Y-27329 | NRRL/ARS | USA, West Virginia | North America | grapes | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | NRLL Y-27911 | NRRL/ARS | USA, Louisiana | North America | gut of a fishfly | insect | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | NRLL Y-27937 | NRRL/ARS | USA, Louisiana | North America | surface of fishfly | insect | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | NRLL YB-3379 | NRRL/ARS | USA, Marion, Illinois | North America | rotten log | plant | Domestic 2 | na |
| <i>L. thermotolerans</i> | NZ156 | CRPR | New Zealand | Australia/Oceania | grapes cv. Chardonnay | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | OCK6C.1 | NCYC | UK, Ocknell, New Forest | Europe | <i>Quercus</i> sp. | plant | Europe oak/France grapes | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | OSU A | OSU | USA, Oregon | North America | grapes | grape/wine | Mix Europe/N. America | na |
| <i>L. thermotolerans</i> | PLU5B.1 | NCYC | UK, Plumpton vineyard | Europe | <i>Quercus</i> sp. | plant | Europe oak/France grapes | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | PYR14B.1 | NCYC | Greece, Pyradikia | Europe | <i>Quercus</i> sp. | plant | Domestic 1 | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | T 13/17 F | University of the Republic | Uruguay | South/Central America | grapes cv. Tannat | grape/wine | Domestic 2 | na |

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| <i>L. thermotolerans</i> | TAX9D.1 | NCYC | Greece, Taxiarchis | Europe | <i>Quercus sp.</i> | plant | Mix Europe/N. America | Robinson et al. 2016 ^d |
| <i>L. thermotolerans</i> | UNIFG 26 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 1 | na |
| <i>L. thermotolerans</i> | UNIFG 28 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 16 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 17 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 18 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 22 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 32 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UNIFG 33 | UNIFG | Italy | Europe | wine | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | UWOPS 79-110 | UWOPS | Canada, Ontario | North America | black knot, <i>Prunus virginiana</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-116 | UWOPS | Canada, Pinery | North America | black knot, <i>Prunus virginiana</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-117 | UWOPS | Canada, Pinery | North America | black knot, <i>Prunus virginiana</i> | plant | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-162 | UWOPS | Canada, Ontario, Melbourne | North America | black knot, <i>Quercus rubra</i> | plant | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-164 | UWOPS | Canada, Ontario, Melbourne | North America | black knot, <i>Prunus virginiana</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-195 | UWOPS | Canada, Ontario, Melbourne | North America | black knot, <i>Prunus virginiana</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-248 | UWOPS | Canada, Ontario | North America | frass, Birch | plant | Mix Europe/N. America | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 79-255 | UWOPS | Canada, Ontario | North America | black knot, <i>Prunus pumila</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 80-19 | UWOPS | Canada, Ontario | North America | black knot, <i>Prunus virginiana</i> | plant | Canada trees | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 83-1097.1 | UWOPS | Cayman Islands, Cayman Brac | South/Central America | <i>Gitona americana, Opuntia stricta</i> | plant | Americas | Freel et al. 2014 ^b , Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | UWOPS 83-1101.1 | UWOPS | Cayman Islands, Cayman Brac | South/Central America | <i>Gitona americana, Opuntia stricta</i> | insect | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 85-312.1 | UWOPS | USA, Arizona, Tuscon | North America | <i>Drosophila carbonaria, Prosopis juliflora</i> | insect | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 85-51.1 | UWOPS | USA, Florida, Big Pine Key | North America | <i>Opuntia cubensis</i> | plant | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 90-10.1 | UWOPS | Bahamas, Exumas Cays, Shroud Cay | South/Central America | Columnar cactus | plant | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 90-1020.1 | UWOPS | Bahamas, Exumas Cays, Shroud Cay | South/Central America | coco plum | plant | Americas | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 91-902.1 | UWOPS | Hawaii, Saddle Rd Park | Australia/Oceania | flux (white), <i>Myoporum</i> | plant | Hawaii/California | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 91-910.1 | UWOPS | Hawaii, Saddle Rd Park | Australia/Oceania | flux (pink), <i>Myoporum</i> | plant | Hawaii/California | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | UWOPS 91-912.1 | UWOPS | Hawaii, Saddle Rd Park | Australia/Oceania | flux (white), <i>Myoporum</i> | plant | Hawaii/California | Freel et al. 2014 ^b |

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|--------------------------|-----------------------|----------|-----------------|-----------------------|---|------------------|--------------------------|-----------------------------------|
| <i>L. thermotolerans</i> | UWOPS 94-426.2 | UWOPS | Mexico, Jalisco | South/Central America | distillery, agave must | agriculture/food | Domestic 1 | Freel et al. 2014 ^b |
| <i>L. thermotolerans</i> | YJS4269 | na | Ukraine | Europe | <i>Drosophila sp.</i> | insect | Americas | na |
| <i>L. thermotolerans</i> | Y1017 | IWBT | South Africa | Africa | grapes cv. Chardonnay | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y1038 | IWBT | South Africa | Africa | grapes cv. Chardonnay | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y1109 | IWBT | South Africa | Africa | grapes cv. Sauvignon blanc | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y1202 | IWBT | South Africa | Africa | grapes cv. Sauvignon blanc | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y1206 | IWBT | South Africa | Africa | grapes cv. Sauvignon blanc | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y1295 | IWBT | South Africa | Africa | grapes, fermentation (Sauvignon blanc – Chardonnay blend) | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Y905 | IWBT | South Africa | Africa | grapes cv. Chenin blanc | grape/wine | Domestic 2 | na |
| <i>L. thermotolerans</i> | Yal. 87-1 | na | Russia, Crimea | Russia/Asia | <i>Quercus sp. exudate</i> | plant | Europe oak/France grapes | Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | Yal. 87-2 | na | Finland | Europe | <i>Quercus sp. exudate</i> | plant | Other | Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | Yal. 87-5 | na | Russia, Crimea | Russia/Asia | <i>Quercus sp. exudate</i> | plant | Mix E. Europe | Naumova et al. 2007 ^c |
| <i>L. thermotolerans</i> | ZIM 2492 | ZIM | Serbia | Europe | rasberries | agriculture/food | Domestic 1 | na |
| <i>L. thermotolerans</i> | ZIM 2505 | ZIM | Serbia | Europe | rasberries | agriculture/food | Mix Europe/N. America | na |
| <i>L. cidri</i> | CBS 4575T | CBS-KNAW | na | na | na | na | na | na |
| <i>L. dasiensis</i> | CBS 10888T | CBS-KNAW | na | na | na | na | na | Lee et al. 2009 ^d |
| <i>L. fantastica</i> | CBS 6924T | CBS-KNAW | na | na | na | na | na | na |
| <i>L. fermentati</i> | CBS 707T | CBS-KNAW | na | na | na | na | na | na |
| <i>L. kluyverii</i> | CBS 3082T | CBS-KNAW | na | na | na | na | na | na |
| <i>L. lanzarotensis</i> | CBS 12615T | CBS-KNAW | na | na | na | na | na | Gonzalez et al. 2013 ^f |
| <i>L. meyersii</i> | CBS 8951T | CBS-KNAW | na | na | na | na | na | Fell et al. 2004 ^g |
| <i>L. mirantina</i> | CBS 11717T | CBS-KNAW | na | na | na | na | na | Pereira et al. 2011 ^h |
| <i>L. nothofagi</i> | CBS 11611T | CBS-KNAW | na | na | na | na | na | Mestre et al. 2010 ⁱ |
| <i>L. quebecensis</i> | CBS 14138T | CBS-KNAW | na | na | na | na | na | Freel et al. 2016 ^j |
| <i>L. waltii</i> | CBS 6430T | CBS-KNAW | na | na | na | na | na | na |

Phaff YCC – Phaff Yeast Culture Collection, University of Davis, California, USA; **AWMCC** - AWRI Wine Microorganism Culture Collection, Australia; **CBS-KNAW** - Centraalbureau voor Schimmelcultures – Koninklijke Nederlandse Akademie van Wetenschappen, Netherlands; **CRBOeno** - Centre de Ressources Biologiques Oenologie, France; **DBVPG** - The Industrial Yeasts Collection DBVPG, Italy; **NCYC** - National Collection of Yeast Cultures, UK; Italy; **BOKU** - Universität für Bodenkultur Wien, Austria; **ISVV** - Institut des Sciences de la Vigne et du Vin, France; **LL** – Landry Lab, Canada; **MUCL** - Mycothèque de l'Université

catholique de Louvain, Belgium; **NCAIM** - National Collection of Agricultural and Industrial Microorganisms, Hungary; **ITAP-DEMETER** - Institute of Technology of Agricultural Products, Hellenic Agricultural Organisation, Greece; **NRRL/ARS** - NRRL Agriculture Research Service culture collection, USA; **CRPR** - Centre de Recherche Pernod-Ricard, France; **OSU** – Oregon State University, USA; **UNIFG** - University of Foggia; **UWOPS** - Culture collection of the University of Western Ontario; **IWBT** – Institute for Wine Biotechnology, University of Stellenbosch, South Africa; **ZIM** - Zbirka industrijskih mikroorganizmov, Slovenia.

^aSipiczki M. Overwintering of vineyard yeasts: Survival of interacting yeast communities in grapes mummified on vines. *Frontiers in microbiology*. 2016 Feb doi: 10.3389/fmicb.2016.00212; ^cFreel KC, Friedrich A, Hou J, Schacherer J. Population genomic analysis reveals highly conserved mitochondrial genomes in the yeast species *Lachancea thermotolerans*. *Genome biology and evolution*. 2014 Oct; 6(10):2586-94.; ^c Naumova ES, Serpova EV, Naumov GI. Molecular systematics of *Lachancea* yeasts. *Biochemistry (Moscow)*. 2007 Dec; 72(12):1356-62.; ^d Robinson HA, Pinharanda A, Bensasson D. Summer temperature can predict the distribution of wild yeast populations. *Ecology and evolution*. 2016 Feb; 6(4):1236-50.; ^e Lee CF, Yao CH, Liu YR, Hsieh CW, Young SS. *Lachancea dasiensis* sp. nov., an ascosporeogenous yeast isolated from soil and leaves in Taiwan. *International journal of systematic and evolutionary microbiology*. 2009 Jul; 59(7):1818-22.; ^f González SS, Alcoba-Flórez J, Laich F. *Lachancea lanzarotensis* sp. nov., an ascomycetous yeast isolated from grapes and wine fermentation in Lanzarote, Canary Islands. *International journal of systematic and evolutionary microbiology*. 2013 Jan; 63(1):358-63.; ^g Fell JW, Statzell-Tallman A, Kurtzman CP. *Lachancea meyersii* sp. nov., an ascosporeogenous yeast from mangrove regions in the Bahama Islands. *Studies in Mycology* 2004 Dec; 50:359-63.; ^h Pereira LF, Costa Jr CR, Brasileiro BT, de Morais Jr MA. *Lachancea mirantina* sp. nov., an ascomycetous yeast isolated from the cachaca fermentation process. *International journal of systematic and evolutionary microbiology*. 2011 Apr; 61(4):989-92.; ⁱ Mestre MC, Ulloa JR, Rosa CA, Lachance MA, Fontenla S. *Lachancea nothofagi* sp. nov., a yeast associated with *Nothofagus* species in Patagonia, Argentina. *International journal of systematic and evolutionary microbiology*. 2010 Sep; 60(9):2247-50.; ^j Freel KC, Charron G, Leducq JB, Landry CR, Schacherer J. *Lachancea quebecensis* sp. nov., a yeast species consistently isolated from tree bark in the Canadian province of Québec. *International journal of systematic and evolutionary microbiology*. 2015 Oct 1;65(10):3392-9.