```
Target                                                   3056
VanderWaltozyma polyspora NW_003346492.1-35162.36175     51
Kazachstania barkhatii NW_024545244.1-35167.36179        51
Tetrapisispora phaffii NC_018222.1-35155.36166           51
Zygotorulaspora mrakii NC_018225.1-35165.36175           52
Kazachstania africana NC_018941.1-35149.36146            52
Tetrapisispora pfaffae NC_018180.1-35143.36148           52
Kazachstania africana NC_018941.1-35149.36146            56
Naumovozyma castellii NC_016457.1-35137.36137            56
Naumovozyma dairenensis NC_016429.1-35133.36133          56
Naumovozyma castellii NC_016457.1-35137.36137            56
Tetrapisispora phaffii NC_018222.1-35155.36166           61
Tetrapisispora phaffii NC_018222.1-35155.36166           61
Eremothecium cymbalariae NC_014452.1-35136.36122         61
Eremothecium gossypii NC_005782.4-35070.35095            61
Lachancea lanzarotenii NC_018128.1-35137.36120           61
Lachancea thermotolerans NC_013082.1-35134.36129         61
Candida tropicalis NC_006020.1-34300.34996               58
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      58
Candida tropicalis NC_006020.1-34300.34996               58
Candida tropicalis NC_006020.1-34300.34996               58
Schwanniomyces polymorphus NW_011963640.1-34201.34645    50
Lodderomyces elongisporus NW_001833603.1-32664.32555     50
Scheffersomyces spartinae NW_005065666.1-33471.34425     50

        .....10.......20.......30.......40.......50.......
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Target                                                   3116
VanderWaltozyma polyspora NW_003346492.1-35162.36175     114
Kazachstania barkhatii NW_024545244.1-35167.36179        114
Tetrapisispora phaffii NC_018222.1-35155.36166           114
Zygotorulaspora mrakii NC_018225.1-35165.36175           115
Kazachstania africana NC_018941.1-35149.36146            114
Tetrapisispora pfaffae NC_018180.1-35143.36148           114
Kazachstania africana NC_018941.1-35149.36146            119
Naumovozyma castellii NC_016457.1-35137.36137            117
Naumovozyma dairenensis NC_016429.1-35133.36133          117
Naumovozyma castellii NC_016457.1-35137.36137            117
Tetrapisispora phaffii NC_018222.1-35155.36166           123
Zygosaccharomyces rouxii NC_013995.1-32895.33941         123
Torulaspora globosa NC_022671.1-35136.36145              123
Eremothecium cymbalariae NC_014452.1-35136.36122         123
Kluyveromyces lactis NC_006040.1-35148.36147             123
Kluyveromyces lactis NC_006040.1-35148.36147             123
Lachancea lanzarotenii NC_018128.1-35137.36120           123
Lachancea thermotolerans NC_013082.1-35134.36129         123
Eremothecium gossypii NC_005782.4-35070.35095            123
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      118
Candida tropicalis NC_006020.1-34300.34996               118
Candida tropicalis NC_006020.1-34300.34996               118
Schwanniomyces polymorphus NW_011963640.1-34201.34645    115
Lodderomyces elongisporus NW_001833603.1-32664.32555     115
Scheffersomyces spartinae NW_005065666.1-33471.34425     117

        .....70.......80.......90......100......110.......
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Target                                                   3176
VanderWaltozyma polyspora NW_003346492.1-35162.36175     171
Kazachstania barkhatii NW_024545244.1-35167.36179        171
Tetrapisispora phaffii NC_018222.1-35155.36166           171
Zygotorulaspora mrakii NC_018225.1-35165.36175           172
Kazachstania africana NC_018941.1-35149.36146            171
Tetrapisispora pfaffae NC_018180.1-35143.36148           171
Kazachstania africana NC_018941.1-35149.36146            176
Naumovozyma castellii NC_016457.1-35137.36137            174
Naumovozyma dairenensis NC_016429.1-35133.36133          174
Naumovozyma castellii NC_016457.1-35137.36137            174
Tetrapisispora phaffii NC_018222.1-35155.36166           180
Zygosaccharomyces rouxii NC_013995.1-32895.33941         180
Torulaspora globosa NC_022671.1-35136.36145              180
Eremothecium cymbalariae NC_014452.1-35136.36122         180
Kluyveromyces lactis NC_006040.1-35148.36147             180
Kluyveromyces lactis NC_006040.1-35148.36147             180
Lachancea lanzarotenii NC_018128.1-35137.36120           180
Lachancea thermotolerans NC_013082.1-35134.36129         180
Eremothecium gossypii NC_005782.4-35070.35095            180
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      175
Candida tropicalis NC_006020.1-34300.34996               175
Candida tropicalis NC_006020.1-34300.34996               175
Schwanniomyces polymorphus NW_011963640.1-34201.34645    172
Lodderomyces elongisporus NW_001833603.1-32664.32555     172
Scheffersomyces spartinae NW_005065666.1-33471.34425     177

        .....130......140......150......160......170.......
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Target                                                   3232
VanderWaltozyma polyspora NW_003346492.1-35162.36175     229
Kazachstania barkhatii NW_024545244.1-35167.36179        229
Tetrapisispora phaffii NC_018222.1-35155.36166           229
Zygotorulaspora mrakii NC_018225.1-35165.36175           230
Kazachstania africana NC_018941.1-35149.36146            229
Tetrapisispora pfaffae NC_018180.1-35143.36148           229
Kazachstania africana NC_018941.1-35149.36146            234
Naumovozyma castellii NC_016457.1-35137.36137            232
Naumovozyma dairenensis NC_016429.1-35133.36133          232
Naumovozyma castellii NC_016457.1-35137.36137            232
Tetrapisispora phaffii NC_018222.1-35155.36166           238
Zygosaccharomyces rouxii NC_013995.1-32895.33941         238
Torulaspora globosa NC_022671.1-35136.36145              238
Eremothecium cymbalariae NC_014452.1-35136.36122         238
Kluyveromyces lactis NC_006040.1-35148.36147             236
Kluyveromyces lactis NC_006040.1-35148.36147             236
Lachancea lanzarotenii NC_018128.1-35137.36120           236
Lachancea thermotolerans NC_013082.1-35134.36129         236
Eremothecium gossypii NC_005782.4-35070.35095            236
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      231
Candida tropicalis NC_006020.1-34300.34996               231
Candida tropicalis NC_006020.1-34300.34996               231
Schwanniomyces polymorphus NW_011963640.1-34201.34645    229
Lodderomyces elongisporus NW_001833603.1-32664.32555     229
Scheffersomyces spartinae NW_005065666.1-33471.34425     234

        .....190......200......210......220......230.......
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Target                                                   3287
VanderWaltozyma polyspora NW_003346492.1-35162.36175     288
Kazachstania barkhatii NW_024545244.1-35167.36179        288
Tetrapisispora phaffii NC_018222.1-35155.36166           288
Zygotorulaspora mrakii NC_018225.1-35165.36175           289
Kazachstania africana NC_018941.1-35149.36146            289
Tetrapisispora pfaffae NC_018180.1-35143.36148           289
Kazachstania africana NC_018941.1-35149.36146            294
Naumovozyma castellii NC_016457.1-35137.36137            292
Naumovozyma dairenensis NC_016429.1-35133.36133          292
Naumovozyma castellii NC_016457.1-35137.36137            292
Tetrapisispora phaffii NC_018222.1-35155.36166           298
Zygosaccharomyces rouxii NC_013995.1-32895.33941         298
Torulaspora globosa NC_022671.1-35136.36145              298
Eremothecium cymbalariae NC_014452.1-35136.36122         298
Kluyveromyces lactis NC_006040.1-35148.36147             296
Kluyveromyces lactis NC_006040.1-35148.36147             296
Lachancea lanzarotenii NC_018128.1-35137.36120           296
Lachancea thermotolerans NC_013082.1-35134.36129         296
Eremothecium gossypii NC_005782.4-35070.35095            296
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      291
Candida tropicalis NC_006020.1-34300.34996               291
Candida tropicalis NC_006020.1-34300.34996               291
Schwanniomyces polymorphus NW_011963640.1-34201.34645    289
Lodderomyces elongisporus NW_001833603.1-32664.32555     289
Scheffersomyces spartinae NW_005065666.1-33471.34425     294

        .....250......260......270......280......290.......
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Target                                                   3347
VanderWaltozyma polyspora NW_003346492.1-35162.36175     348
Kazachstania barkhatii NW_024545244.1-35167.36179        348
Tetrapisispora phaffii NC_018222.1-35155.36166           348
Zygotorulaspora mrakii NC_018225.1-35165.36175           349
Kazachstania africana NC_018941.1-35149.36146            349
Tetrapisispora pfaffae NC_018180.1-35143.36148           349
Kazachstania africana NC_018941.1-35149.36146            354
Naumovozyma castellii NC_016457.1-35137.36137            352
Naumovozyma dairenensis NC_016429.1-35133.36133          352
Naumovozyma castellii NC_016457.1-35137.36137            352
Tetrapisispora phaffii NC_018222.1-35155.36166           358
Zygosaccharomyces rouxii NC_013995.1-32895.33941         358
Torulaspora globosa NC_022671.1-35136.36145              358
Eremothecium cymbalariae NC_014452.1-35136.36122         358
Kluyveromyces lactis NC_006040.1-35148.36147             356
Kluyveromyces lactis NC_006040.1-35148.36147             356
Lachancea lanzarotenii NC_018128.1-35137.36120           356
Lachancea thermotolerans NC_013082.1-35134.36129         356
Eremothecium gossypii NC_005782.4-35070.35095            356
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      351
Candida tropicalis NC_006020.1-34300.34996               351
Candida tropicalis NC_006020.1-34300.34996               351
Schwanniomyces polymorphus NW_011963640.1-34201.34645    349
Lodderomyces elongisporus NW_001833603.1-32664.32555     349
Scheffersomyces spartinae NW_005065666.1-33471.34425     354

        .....310......320......330......340......350.......
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Target                                                   3390
VanderWaltozyma polyspora NW_003346492.1-35162.36175     401
Kazachstania barkhatii NW_024545244.1-35167.36179        401
Tetrapisispora phaffii NC_018222.1-35155.36166           401
Zygotorulaspora mrakii NC_018225.1-35165.36175           402
Kazachstania africana NC_018941.1-35149.36146            402
Tetrapisispora pfaffae NC_018180.1-35143.36148           402
Kazachstania africana NC_018941.1-35149.36146            407
Naumovozyma castellii NC_016457.1-35137.36137            405
Naumovozyma dairenensis NC_016429.1-35133.36133          405
Naumovozyma castellii NC_016457.1-35137.36137            405
Tetrapisispora phaffii NC_018222.1-35155.36166           411
Zygosaccharomyces rouxii NC_013995.1-32895.33941         411
Torulaspora globosa NC_022671.1-35136.36145              411
Eremothecium cymbalariae NC_014452.1-35136.36122         411
Kluyveromyces lactis NC_006040.1-35148.36147             409
Kluyveromyces lactis NC_006040.1-35148.36147             409
Lachancea lanzarotenii NC_018128.1-35137.36120           409
Lachancea thermotolerans NC_013082.1-35134.36129         409
Eremothecium gossypii NC_005782.4-35070.35095            409
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      404
Candida tropicalis NC_006020.1-34300.34996               404
Candida tropicalis NC_006020.1-34300.34996               404
Schwanniomyces polymorphus NW_011963640.1-34201.34645    402
Lodderomyces elongisporus NW_001833603.1-32664.32555     402
Scheffersomyces spartinae NW_005065666.1-33471.34425     407

        .....370......380......390......400......410.......
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Target                                                   3450
VanderWaltozyma polyspora NW_003346492.1-35162.36175     468
Kazachstania barkhatii NW_024545244.1-35167.36179        468
Tetrapisispora phaffii NC_018222.1-35155.36166           468
Zygotorulaspora mrakii NC_018225.1-35165.36175           469
Kazachstania africana NC_018941.1-35149.36146            466
Tetrapisispora pfaffae NC_018180.1-35143.36148           466
Kazachstania africana NC_018941.1-35149.36146            463
Naumovozyma castellii NC_016457.1-35137.36137            463
Naumovozyma dairenensis NC_016429.1-35133.36133          463
Naumovozyma castellii NC_016457.1-35137.36137            463
Tetrapisispora phaffii NC_018222.1-35155.36166           468
Zygosaccharomyces rouxii NC_013995.1-32895.33941         468
Torulaspora globosa NC_022671.1-35136.36145              468
Eremothecium cymbalariae NC_014452.1-35136.36122         468
Kluyveromyces lactis NC_006040.1-35148.36147             467
Kluyveromyces lactis NC_006040.1-35148.36147             467
Lachancea lanzarotenii NC_018128.1-35137.36120           467
Lachancea thermotolerans NC_013082.1-35134.36129         467
Eremothecium gossypii NC_005782.4-35070.35095            467
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      465
Candida tropicalis NC_006020.1-34300.34996               465
Candida tropicalis NC_006020.1-34300.34996               465
Schwanniomyces polymorphus NW_011963640.1-34201.34645    462
Lodderomyces elongisporus NW_001833603.1-32664.32555     462
Scheffersomyces spartinae NW_005065666.1-33471.34425     462

        .....430......440......450......460......470.......
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Target                                                   3510
VanderWaltozyma polyspora NW_003346492.1-35162.36175     528
Kazachstania barkhatii NW_024545244.1-35167.36179        528
Tetrapisispora phaffii NC_018222.1-35155.36166           528
Zygotorulaspora mrakii NC_018225.1-35165.36175           529
Kazachstania africana NC_018941.1-35149.36146            526
Tetrapisispora pfaffae NC_018180.1-35143.36148           526
Kazachstania africana NC_018941.1-35149.36146            523
Naumovozyma castellii NC_016457.1-35137.36137            523
Naumovozyma dairenensis NC_016429.1-35133.36133          523
Naumovozyma castellii NC_016457.1-35137.36137            523
Tetrapisispora phaffii NC_018222.1-35155.36166           528
Zygosaccharomyces rouxii NC_013995.1-32895.33941         528
Torulaspora globosa NC_022671.1-35136.36145              528
Eremothecium cymbalariae NC_014452.1-35136.36122         528
Kluyveromyces lactis NC_006040.1-35148.36147             527
Kluyveromyces lactis NC_006040.1-35148.36147             527
Lachancea lanzarotenii NC_018128.1-35137.36120           527
Lachancea thermotolerans NC_013082.1-35134.36129         527
Eremothecium gossypii NC_005782.4-35070.35095            527
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      525
Candida tropicalis NC_006020.1-34300.34996               525
Candida tropicalis NC_006020.1-34300.34996               525
Schwanniomyces polymorphus NW_011963640.1-34201.34645    522
Lodderomyces elongisporus NW_001833603.1-32664.32555     522
Scheffersomyces spartinae NW_005065666.1-33471.34425     529

        .....490......500......510......520......530.......
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Target                                                   3570
VanderWaltozyma polyspora NW_003346492.1-35162.36175     588
Kazachstania barkhatii NW_024545244.1-35167.36179        588
Tetrapisispora phaffii NC_018222.1-35155.36166           588
Zygotorulaspora mrakii NC_018225.1-35165.36175           589
Kazachstania africana NC_018941.1-35149.36146            586
Tetrapisispora pfaffae NC_018180.1-35143.36148           586
Kazachstania africana NC_018941.1-35149.36146            583
Naumovozyma castellii NC_016457.1-35137.36137            583
Naumovozyma dairenensis NC_016429.1-35133.36133          583
Naumovozyma castellii NC_016457.1-35137.36137            583
Tetrapisispora phaffii NC_018222.1-35155.36166           588
Zygosaccharomyces rouxii NC_013995.1-32895.33941         588
Torulaspora globosa NC_022671.1-35136.36145              588
Eremothecium cymbalariae NC_014452.1-35136.36122         588
Kluyveromyces lactis NC_006040.1-35148.36147             587
Kluyveromyces lactis NC_006040.1-35148.36147             587
Lachancea lanzarotenii NC_018128.1-35137.36120           587
Lachancea thermotolerans NC_013082.1-35134.36129         587
Eremothecium gossypii NC_005782.4-35070.35095            587
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      585
Candida tropicalis NC_006020.1-34300.34996               585
Candida tropicalis NC_006020.1-34300.34996               585
Schwanniomyces polymorphus NW_011963640.1-34201.34645    582
Lodderomyces elongisporus NW_001833603.1-32664.32555     582
Scheffersomyces spartinae NW_005065666.1-33471.34425     589

        .....550......560......570......580......590.......
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Target                                                   3638
VanderWaltozyma polyspora NW_003346492.1-35162.36175     648
Kazachstania barkhatii NW_024545244.1-35167.36179        648
Tetrapisispora phaffii NC_018222.1-35155.36166           648
Zygotorulaspora mrakii NC_018225.1-35165.36175           649
Kazachstania africana NC_018941.1-35149.36146            646
Tetrapisispora pfaffae NC_018180.1-35143.36148           646
Kazachstania africana NC_018941.1-35149.36146            643
Naumovozyma castellii NC_016457.1-35137.36137            643
Naumovozyma dairenensis NC_016429.1-35133.36133          643
Naumovozyma castellii NC_016457.1-35137.36137            643
Tetrapisispora phaffii NC_018222.1-35155.36166           648
Zygosaccharomyces rouxii NC_013995.1-32895.33941         648
Torulaspora globosa NC_022671.1-35136.36145              648
Eremothecium cymbalariae NC_014452.1-35136.36122         648
Kluyveromyces lactis NC_006040.1-35148.36147             647
Kluyveromyces lactis NC_006040.1-35148.36147             647
Lachancea lanzarotenii NC_018128.1-35137.36120           647
Lachancea thermotolerans NC_013082.1-35134.36129         647
Eremothecium gossypii NC_005782.4-35070.35095            647
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      645
Candida tropicalis NC_006020.1-34300.34996               645
Candida tropicalis NC_006020.1-34300.34996               645
Schwanniomyces polymorphus NW_011963640.1-34201.34645    642
Lodderomyces elongisporus NW_001833603.1-32664.32555     642
Scheffersomyces spartinae NW_005065666.1-33471.34425     649

        .....610......620......630......640......650.......
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Target                                                   3698
VanderWaltozyma polyspora NW_003346492.1-35162.36175     708
Kazachstania barkhatii NW_024545244.1-35167.36179        708
Tetrapisispora phaffii NC_018222.1-35155.36166           708
Zygotorulaspora mrakii NC_018225.1-35165.36175           709
Kazachstania africana NC_018941.1-35149.36146            706
Tetrapisispora pfaffae NC_018180.1-35143.36148           706
Kazachstania africana NC_018941.1-35149.36146            703
Naumovozyma castellii NC_016457.1-35137.36137            703
Naumovozyma dairenensis NC_016429.1-35133.36133          703
Naumovozyma castellii NC_016457.1-35137.36137            703
Tetrapisispora phaffii NC_018222.1-35155.36166           708
Zygosaccharomyces rouxii NC_013995.1-32895.33941         708
Torulaspora globosa NC_022671.1-35136.36145              708
Eremothecium cymbalariae NC_014452.1-35136.36122         708
Kluyveromyces lactis NC_006040.1-35148.36147             707
Kluyveromyces lactis NC_006040.1-35148.36147             707
Lachancea lanzarotenii NC_018128.1-35137.36120           707
Lachancea thermotolerans NC_013082.1-35134.36129         707
Eremothecium gossypii NC_005782.4-35070.35095            707
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      705
Candida tropicalis NC_006020.1-34300.34996               705
Candida tropicalis NC_006020.1-34300.34996               705
Schwanniomyces polymorphus NW_011963640.1-34201.34645    702
Lodderomyces elongisporus NW_001833603.1-32664.32555     702
Scheffersomyces spartinae NW_005065666.1-33471.34425     709

        .....670......680......690......700......710.......
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Target                                                   3758
VanderWaltozyma polyspora NW_003346492.1-35162.36175     768
Kazachstania barkhatii NW_024545244.1-35167.36179        768
Tetrapisispora phaffii NC_018222.1-35155.36166           768
Zygotorulaspora mrakii NC_018225.1-35165.36175           769
Kazachstania africana NC_018941.1-35149.36146            766
Tetrapisispora pfaffae NC_018180.1-35143.36148           766
Kazachstania africana NC_018941.1-35149.36146            763
Naumovozyma castellii NC_016457.1-35137.36137            763
Naumovozyma dairenensis NC_016429.1-35133.36133          763
Naumovozyma castellii NC_016457.1-35137.36137            763
Tetrapisispora phaffii NC_018222.1-35155.36166           768
Zygosaccharomyces rouxii NC_013995.1-32895.33941         768
Torulaspora globosa NC_022671.1-35136.36145              768
Eremothecium cymbalariae NC_014452.1-35136.36122         768
Kluyveromyces lactis NC_006040.1-35148.36147             767
Kluyveromyces lactis NC_006040.1-35148.36147             767
Lachancea lanzarotenii NC_018128.1-35137.36120           767
Lachancea thermotolerans NC_013082.1-35134.36129         767
Eremothecium gossypii NC_005782.4-35070.35095            767
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      765
Candida tropicalis NC_006020.1-34300.34996               765
Candida tropicalis NC_006020.1-34300.34996               765
Schwanniomyces polymorphus NW_011963640.1-34201.34645    762
Lodderomyces elongisporus NW_001833603.1-32664.32555     762
Scheffersomyces spartinae NW_005065666.1-33471.34425     769

        .....730......740......750......760......770.......
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Target                                                   3818
VanderWaltozyma polyspora NW_003346492.1-35162.36175     TATCCCACACACC 828
Kazachstania barkhatii NW_024545244.1-35167.36179        TATCCCACACACC 828
Tetrapisispora phaffii NC_018222.1-35155.36166           TATCCCACACACC 828
Zygotorulaspora mrakii NC_018225.1-35165.36175           TATCCCACACACC 829
Kazachstania africana NC_018941.1-35149.36146            TATCCCACACACC 826
Tetrapisispora pfaffae NC_018180.1-35143.36148           TATCCCACACACC 826
Kazachstania africana NC_018941.1-35149.36146            TATCCCACACACC 823
Naumovozyma castellii NC_016457.1-35137.36137            TATCCCACACACC 823
Naumovozyma dairenensis NC_016429.1-35133.36133          TATCCCACACACC 823
Naumovozyma castellii NC_016457.1-35137.36137            TATCCCACACACC 823
Tetrapisispora phaffii NC_018222.1-35155.36166           TATCCCACACACC 828
Zygosaccharomyces rouxii NC_013995.1-32895.33941         TATCCCACACACC 828
Torulaspora globosa NC_022671.1-35136.36145              TATCCCACACACC 828
Eremothecium cymbalariae NC_014452.1-35136.36122         TATCCCACACACC 828
Kluyveromyces lactis NC_006040.1-35148.36147             TATCCCACACACC 827
Kluyveromyces lactis NC_006040.1-35148.36147             TATCCCACACACC 827
Lachancea lanzarotenii NC_018128.1-35137.36120           TATCCCACACACC 827
Lachancea thermotolerans NC_013082.1-35134.36129         TATCCCACACACC 827
Eremothecium gossypii NC_005782.4-35070.35095            TATCCCACACACC 827
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      TATCCCACACACC 825
Candida tropicalis NC_006020.1-34300.34996               TATCCCACACACC 825
Candida tropicalis NC_006020.1-34300.34996               TATCCCACACACC 825
Schwanniomyces polymorphus NW_011963640.1-34201.34645    TATCCCACACACC 822
Lodderomyces elongisporus NW_001833603.1-32664.32555     TATCCCACACACC 822
Scheffersomyces spartinae NW_005065666.1-33471.34425     TATCCCACACACC 829

        .....790......800......810......820.......830.....
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Target                                                   3878
VanderWaltozyma polyspora NW_003346492.1-35162.36175     CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Kazachstania barkhatii NW_024545244.1-35167.36179        CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Tetrapisispora phaffii NC_018222.1-35155.36166           CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Zygotorulaspora mrakii NC_018225.1-35165.36175           CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 889
Kazachstania africana NC_018941.1-35149.36146            CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 886
Tetrapisispora pfaffae NC_018180.1-35143.36148           CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 886
Kazachstania africana NC_018941.1-35149.36146            CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 883
Naumovozyma castellii NC_016457.1-35137.36137            CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 883
Naumovozyma dairenensis NC_016429.1-35133.36133          CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 883
Naumovozyma castellii NC_016457.1-35137.36137            CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 883
Tetrapisispora phaffii NC_018222.1-35155.36166           CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Zygosaccharomyces rouxii NC_013995.1-32895.33941         CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Torulaspora globosa NC_022671.1-35136.36145              CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Eremothecium cymbalariae NC_014452.1-35136.36122         CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 888
Kluyveromyces lactis NC_006040.1-35148.36147             CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 887
Kluyveromyces lactis NC_006040.1-35148.36147             CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 887
Lachancea lanzarotenii NC_018128.1-35137.36120           CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 887
Lachancea thermotolerans NC_013082.1-35134.36129         CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 887
Eremothecium gossypii NC_005782.4-35070.35095            CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 887
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 885
Candida tropicalis NC_006020.1-34300.34996               CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 885
Candida tropicalis NC_006020.1-34300.34996               CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 885
Schwanniomyces polymorphus NW_011963640.1-34201.34645    CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 882
Lodderomyces elongisporus NW_001833603.1-32664.32555     CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 882
Scheffersomyces spartinae NW_005065666.1-33471.34425     CCCATCCAGCCTTCTTTCTAGACCTTGCAATGGAATGAATTGCCATCTT 889

        .....850......860......870......880......890.....
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Target                                                   3938
VanderWaltozyma polyspora NW_003346492.1-35162.36175     TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Kazachstania barkhatii NW_024545244.1-35167.36179        TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Tetrapisispora phaffii NC_018222.1-35155.36166           TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Zygotorulaspora mrakii NC_018225.1-35165.36175           TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 989
Kazachstania africana NC_018941.1-35149.36146            TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 986
Tetrapisispora pfaffae NC_018180.1-35143.36148           TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 986
Kazachstania africana NC_018941.1-35149.36146            TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 983
Naumovozyma castellii NC_016457.1-35137.36137            TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 983
Naumovozyma dairenensis NC_016429.1-35133.36133          TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 983
Naumovozyma castellii NC_016457.1-35137.36137            TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 983
Tetrapisispora phaffii NC_018222.1-35155.36166           TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Zygosaccharomyces rouxii NC_013995.1-32895.33941         TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Torulaspora globosa NC_022671.1-35136.36145              TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Eremothecium cymbalariae NC_014452.1-35136.36122         TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 988
Kluyveromyces lactis NC_006040.1-35148.36147             TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 987
Kluyveromyces lactis NC_006040.1-35148.36147             TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 987
Lachancea lanzarotenii NC_018128.1-35137.36120           TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 987
Lachancea thermotolerans NC_013082.1-35134.36129         TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 987
Eremothecium gossypii NC_005782.4-35070.35095            TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 987
Wickerhamomyces ciferrii NW_011607402.1-34629.35557      TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 985
Candida tropicalis NC_006020.1-34300.34996               TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 985
Candida tropicalis NC_006020.1-34300.34996               TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 985
Schwanniomyces polymorphus NW_011963640.1-34201.34645    TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 982
Lodderomyces elongisporus NW_001833603.1-32664.32555     TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 982
Scheffersomyces spartinae NW_005065666.1-33471.34425     TTCAAAATCCTTTTTATAAGTACTGGAATAGCTTCTTGGGTTATTCTGAAAATA 989

        .....910......920......930......940......950.....
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Target                                                   3988
VanderWaltozyma polyspora NW_003346492.1-35162.36175     GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Kazachstania barkhatii NW_024545244.1-35167.36179        GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Tetrapisispora phaffii NC_018222.1-35155.36166           GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Zygotorulaspora mrakii NC_018225.1-35165.36175           GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1039
Kazachstania africana NC_018941.1-35149.36146            GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1036
Tetrapisispora pfaffae NC_018180.1-35143.36148           GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1036
Kazachstania africana NC_018941.1-35149.36146            GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1033
Naumovozyma castellii NC_016457.1-35137.36137            GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1033
Naumovozyma dairenensis NC_016429.1-35133.36133          GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1033
Naumovozyma castellii NC_016457.1-35137.36137            GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1033
Tetrapisispora phaffii NC_018222.1-35155.36166           GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Zygosaccharomyces rouxii NC_013995.1-32895.33941         GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Torulaspora globosa NC_022671.1-35136.36145              GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Eremothecium cymbalariae NC_014452.1-35136.36122         GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1038
Kluyveromyces lactis NC_006040.1-35148.36147             GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1037
Kluyveromyces lactis NC_006040.1-35148.36147             GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1037
Lachancea lanzarotenii NC_018128.1-35137.36120           GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1037
Lachancea thermotolerans NC_013082.1-35134.36129         GCAATGACATTCCCAATTAAGACTTGCTTAGTTTAAATTTCTGAAAATATG 1037
Eremothecium gossypii NC_005782.4-35070.35095            GCAATGACATTCCCAATTAAGACTTGCTTAGTTTA
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