Overview

Sheet 1: *genes alleles inherited from Saccharomyces eubayanus*

Saccharomyces pastorianus CBS1538 predicted ORF	*Saccharomyces eubayanus parental allele*	Gene identities	Gene gaps
SPGP0U01380	XP_018222944.1	98	0
SPGP0CU02160	XP_018220618.1	99	0
SPGP0CV00210	XP_018222572.1	99	0
SPGP0DF00140	XP_018219194.1	98	0
SPGP0V00490	XP_018221736.1	99	0
SPGP0L02060	XP_018218830.1	99	0
SPGP0V00940	XP_018221693.1	100	0
SPGP0AT00310	XP_018219052.1	99	1
SPGP0U00880	XP_018222991.1	99	0
SPGP0AT00510	XP_018219072.1	100	0
SPGP0IZ00100	XP_018220338.1	99	0
SPGP0DE00160	XP_018223833.1	99	0
SPGP0CX01390	XP_018222157.1	98	0
SPGP0CX01300	XP_018222148.1	99	0
SPGP0CP03190	XP_018223521.1	99	0
SPGP0CM00870	XP_018223238.1	99	0
SPGP0BE00240	XP_018223354.1	99	0
SPGP0GQ00110	XP_018219558.1	99	0
SPGP0CX01640	XP_018222180.1	99	0
SPGP0AJ00230	XP_018221797.1	99	0
SPGP0IO00100	XP_018221983.1	98	0
SPGP0CX01700	XP_018222186.1	99	0
SPGP0L00930	XP_018218939.1	99	0
SPGP0CW01760	XP_018219384.1	100	0
SPGP0AN00310	XP_018223941.1	99	0
SPGP0AF02090	XP_018222467.1	99	0
SPGP0H00720	XP_018221073.1	99	0
SPGP0CW02150	XP_018219346.1	99	0

SPGP0L02320	XP_018218804.1	99	0
SPGP0CP03620	XP_018223482.1	99	0
SPGP0CW03400	XP_018219224.1	99	0
SPGP0CW01490	XP_018219409.1	99	0
SPGP0EP00150	XP_018222748.1	99	0
SPGP0EO00340	XP_018221171.1	99	0
SPGP0CP03350	XP_018223506.1	100	0
SPGP0AT00950	XP_018219113.1	99	0
SPGP0AF00620	XP_018222316.1	100	0
SPGP0AA01760	XP_018220415.1	99	0
SPGP0CM01690	XP_018223157.1	99	0
SPGP0CW00460	XP_018219509.1	100	0
SPGP0DA01590	XP_018222598.1	99	0
SPGP0CM00100	XP_018223314.1	99	0
SPGP0CM01390	XP_018223187.1	100	0
SPGP0U01560	XP_018222926.1	99	0
SPGP0CP01100	XP_018223729.1	99	0
SPGP0AJ00630	XP_018221835.1	99	0
SPGP0BE00130	XP_018223365.1	99	0
SPGP0AN00990	XP_018224005.1	99	0
SPGP0AT01300	XP_018219148.1	99	0
SPGP0CW01130	XP_018219443.1	99	0
SPGP0CW00170	XP_018219536.1	99	0
SPGP0AF01240	XP_018222380.1	100	0
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SPGP0CM02150	XP_018223114.1	99	0
SPGP0EO00280	XP_018221165.1	98	1
SPGP0IC00140	XP_018222529.1	99	0
SPGP0AJ00470	XP_018221820.1	99	0
SPGP0G00140	XP_018222253.1	100	0
SPGP0AF01630	XP_018222421.1	99	0
SPGP0V00550	XP_018221731.1	99	0
SPGP0CP00260	XP_018223810.1	99	0
SPGP0AJ00200	XP_018221795.1	99	0
SPGP0DA00840	XP_018222669.1	100	0
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SPGP0FE00210	XP_018221973.1	99	0
SPGP0CW00920	XP_018219464.1	99	0
SPGP0AJ01770	XP_018221945.1	99	0
SPGP0AN00360	XP_018223945.1	99	0

SPGP0CW02710	XP_018219292.1	99	0
SPGP0CW02430	XP_018219318.1	100	0
SPGP0CU01370	XP_018220696.1	99	0
SPGP0CP00310	XP_018223805.1	99	0
SPGP0L00300	XP_018219002.1	99	0
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SPGP0CM00420	XP_018223282.1	99	0
SPGP0IU00160	XP_018220334.1	99	0
SPGP0AT00420	XP_018219063.1	99	0
SPGP0Y00760	XP_018220092.1	99	0
SPGP0AJ00520	XP_018221824.1	99	0
SPGP0R00580	XP_018219998.1	99	0
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SPGP0Y00490	XP_018220066.1	99	0
SPGP0CM02090	XP_018223120.1	99	0
SPGP0AF00900	XP_018222344.1	98	2
SPGP0L00720	XP_018218961.1	99	1
SPGP0DF00170	XP_018219191.1	99	0
SPGP0DB00270	XP_018223901.1	100	0
SPGP0JA00120	XP_018222244.1	99	0
SPGP0CU01860	XP_018220648.1	99	0
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SPGP0CP01920	XP_018223648.1	100	0
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SPGP0AJ01300	XP_018221901.1	99	0
SPGP0CW00350	XP_018219520.1	99	0
SPGP0V00530	XP_018221733.1	99	0
SPGP0Y01010	XP_018220116.1	99	1
SPGP0JK00350	XP_018223456.1	99	0
SPGP0CW02620	XP_018219301.1	99	0
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SPGP0V00310	XP_018221752.1	99	0
SPGP0CU01630	XP_018220671.1	100	0
SPGP0CX01790	XP_018222194.1	99	0
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SPGP0L01430	XP_018218891.1	99	0
SPGP0CW02850	XP_018219278.1	99	0
SPGP0IR00110	XP_018223465.1	99	0
SPGP0DF00240	XP_018219184.1	99	0
SPGP0L02640	XP_018218773.1	99	0
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SPGP0CU01410	XP_018220692.1	99	0
SPGP0CM00630	XP_018223261.1	99	0
SPGP0CU01140	XP_018220716.1	99	0
SPGP0IG00120	XP_018223346.1	99	0
SPGP0CU01420	XP_018220691.1	99	0
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SPGP0U01010	XP_018222978.1	99	0
SPGP0Y02690	XP_018220278.1	100	0
SPGP0FE00180	XP_018221970.1	99	0
SPGP0CU02490	XP_018220585.1	99	0
SPGP0CM01940	XP_018223132.1	99	0
SPGP0J01090	XP_018219838.1	99	0
SPGP0L02120	XP_018218824.1	99	0
SPGP0Y00670	XP_018220083.1	99	0
SPGP0EP00180	XP_018222751.1	99	0
SPGP0U00890	XP_018222990.1	99	0
SPGP0DE00180	XP_018223835.1	99	0
SPGP0R00260	XP_018219968.1	99	0
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SPGP0U01900	XP_018222891.1	99	0
SPGP0DE00600	XP_018223877.1	99	0
SPGP0CW02490	XP_018219312.1	99	0
SPGP0U01260	XP_018222955.1	99	0
SPGP0CW03560	XP_018219208.1	99	0

SPGP0CP03600	XP_018223484.1	99	0
SPGP0AF00550	XP_018222309.1	99	0
SPGP0CW01350	XP_018219423.1	99	0
SPGP0CW01700	XP_018219390.1	99	0
SPGP0L00910	XP_018218941.1	99	0
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SPGP0JP00190	XP_018218748.1	97	3
SPGP0CU00390	XP_018220790.1	99	0
SPGP0AF01060	XP_018222361.1	99	0
SPGP0AJ00280	XP_018221802.1	99	0
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SPGP0U00310	XP_018223040.1	99	0
SPGP0Y02910	XP_018220300.1	99	0
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SPGP0R00150	XP_018219957.1	99	0
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SPGP0AF01550	XP_018222413.1	99	0
SPGP0EP00130	XP_018222746.1	99	0
SPGP0AA01340	XP_018220456.1	99	0
SPGP0AN00200	XP_018223932.1	100	0
SPGP0CW00480	XP_018219507.1	99	0
SPGP0HC00100	XP_018221781.1	99	0
SPGP0R00560	XP_018219996.1	99	0
SPGP0CX00560	XP_018222076.1	99	0
SPGP0CW00150	XP_018219539.1	99	0
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SPGP0CP01120	XP_018223726.1	99	0
SPGP0CW00250	XP_018219528.1	99	0
SPGP0BE00110	XP_018223367.1	99	0
SPGP0CU02480	XP_018220586.1	99	0

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SPGP0CM01110	XP_018223214.1	99	0
SPGP0L00480	XP_018218984.1	99	0
SPGP0Y00910	XP_018220107.1	99	0
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SPGP0CM02120	XP_018223117.1	100	0
SPGP0AA00800	XP_018220510.1	87	0
SPGP0AF00600	XP_018222314.1	99	0
SPGP0CW02770	XP_018219286.1	99	0
SPGP0CM00400	XP_018223284.1	99	0
SPGP0U01780	XP_018222903.1	99	0
SPGP0AJ00720	XP_018221844.1	99	0
SPGP0CX02180	XP_018222232.1	99	0
SPGP0AF01200	XP_018222376.1	99	0
SPGP0Y02560	XP_018220265.1	99	0
SPGP0IU00140	XP_018220332.1	99	0
SPGP0AT00440	XP_018219065.1	100	0
SPGP0Y00700	XP_018220086.1	99	0
SPGP0AT00110	XP_018219033.1	99	0
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SPGP0AJ00540	XP_018221826.1	99	0
SPGP0AT00330	XP_018219054.1	99	0
SPGP0J03820	XP_018219569.1	99	0
SPGP0AN00840	XP_018223990.1	99	0
SPGP0K00500	XP_018222792.1	99	0
SPGP0Y03170	XP_018220325.1	99	0
SPGP0CP02390	XP_018223602.1	99	0
SPGP0U00450	XP_018223029.1	99	0
SPGP0CP02020	XP_018223638.1	99	0
SPGP0AF00890	XP_018222343.1	99	0
SPGP0CW02010	XP_018219359.1	99	0
SPGP0L00800	XP_018218953.1	100	0
SPGP0L00210	XP_018219010.1	99	0
SPGP0DB00250	XP_018223899.1	99	0
SPGP0AN00560	XP_018223963.1	100	0

SPGP0Y00150	XP_018220032.1	99	0
SPGP0CU01670	XP_018220667.1	99	0
SPGP0R00700	XP_018220010.1	99	0
SPGP0U01650	XP_018222917.1	99	0
SPGP0AA00270	XP_018220563.1	98	0
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SPGP0AA00540	XP_018220536.1	100	0
SPGP0CU00980	XP_018220732.1	99	0
SPGP0AF00780	XP_018222332.1	99	0
SPGP0AH00180	XP_018223426.1	99	0
SPGP0AJ01910	XP_018221957.1	99	0
SPGP0AA01550	XP_018220435.1	99	0
SPGP0U00930	XP_018222986.1	99	0
SPGP0GG00170	XP_018220834.1	99	0
SPGP0AA01320	XP_018220458.1	99	0
SPGP0U00710	XP_018223004.1	99	0
SPGP0U01090	XP_018222970.1	99	0
SPGP0Y02820	XP_018220291.1	99	0
SPGP0Y00280	XP_018220045.1	99	0
SPGP0CX02240	XP_018222238.1	99	0
SPGP0GS00130	XP_018222248.1	99	0
SPGP0CM01630	XP_018223163.1	100	0
SPGP0CW03550	XP_018219209.1	99	0
SPGP0CX00930	XP_018222112.1	99	0
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SPGP0CU01450	XP_018220689.1	98	1
SPGP0U01030	XP_018222976.1	99	0
SPGP0CW00830	XP_018219473.1	99	0
SPGP0AT01180	XP_018219136.1	99	0
SPGP0CU02120	XP_018220622.1	99	0
SPGP0CP02250	XP_018223615.1	99	0
SPGP0CU01290	XP_018220703.1	99	0
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SPGP0AJ00390	XP_018221812.1	99	0
SPGP0AT01450	XP_018219162.1	99	0
SPGP0K00660	XP_018222808.1	100	0
SPGP0CU02370	XP_018220597.1	99	0

SPGP0FL00100	XP_018222811.1	99	0
SPGP0L00420	XP_018218990.1	100	0
SPGP0U00900	XP_018222989.1	99	0
SPGP0U00610	XP_018223014.1	99	0
SPGP0CP03180	XP_018223522.1	99	0
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SPGP0IM00170	XP_018219545.1	99	0
SPGP0Y01380	XP_018220153.1	99	0
SPGP0DB00390	XP_018223912.1	99	0
SPGP0L01880	XP_018218847.1	99	0
SPGP0CM00730	XP_018223252.1	99	0
SPGP0JP00170	XP_018219568.1	99	0
SPGP0AA01820	XP_018220410.1	98	0
SPGP0CP03320	XP_018223508.1	99	0
SPGP0DE00480	XP_018223865.1	99	0
SPGP0L00490	XP_018218983.1	99	0
SPGP0AF01140	XP_018222370.1	99	0
SPGP0AJ01640	XP_018221932.1	99	0
SPGP0CU00760	XP_018220753.1	100	0
SPGP0AN00730	XP_018223980.1	99	0
SPGP0AN00220	XP_018223934.1	99	0
SPGP0EP00110	XP_018222744.1	99	0
SPGP0CP02760	XP_018223565.1	99	0
SPGP0CM01660	XP_018223160.1	99	0
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SPGP0Y00730	XP_018220089.1	99	0
SPGP0V01140	XP_018221674.1	98	1
SPGP0V00440	XP_018221741.1	98	1
SPGP0L02300	XP_018218806.1	99	0

SPGP0L01150	XP_018218919.1	99	0
SPGP0CX00780	XP_018222097.1	99	0
SPGP0CP03080	XP_018223532.1	99	0
SPGP0GD00100	XP_018223413.1	99	0
SPGP0CW02750	XP_018219288.1	99	0
SPGP0CP03060	XP_018223534.1	100	0
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SPGP0CM02110	XP_018223118.1	99	0
SPGP0AF02040	XP_018222462.1	99	0
SPGP0FP00120	XP_018223343.1	99	0
SPGP0CW02320	XP_018219329.1	99	0
SPGP0AN00180	XP_018223930.1	99	0
SPGP0Z00240	XP_018222541.1	99	0
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SPGP0U01200	XP_018222960.1	99	0
SPGP0CM00310	XP_018223293.1	99	0
SPGP0Y03190	XP_018220327.1	99	0
SPGP0CP00910	XP_018223748.1	99	0
SPGP0U02080	XP_018222873.1	99	0
SPGP0HW00140	XP_018224039.1	99	0
SPGP0AF00870	XP_018222341.1	99	0
SPGP0L00760	XP_018218957.1	99	0
SPGP0AN00500	XP_018223957.1	100	0
SPGP0AA00740	XP_018220517.1	99	0
SPGP0Y02360	XP_018220245.1	99	0
SPGP0Y01920	XP_018220203.1	99	1
SPGP0CP02360	XP_018223605.1	100	0
SPGP0L02560	XP_018218780.1	99	0
SPGP0U00400	XP_018223033.1	99	0
SPGP0U01630	XP_018222919.1	99	0
SPGP0CX01140	XP_018222133.1	99	0
SPGP0EB00150	XP_018223316.1	99	0
SPGP0Y01050	XP_018220120.1	99	0
SPGP0AF00380	XP_018222292.1	99	0
SPGP0JK00100	XP_018223431.1	99	0
SPGP0U00670	XP_018223008.1	99	0
SPGP0V00350	XP_018221748.1	100	0
SPGP0CU00420	XP_018220787.1	99	0
SPGP0L01140	XP_018218920.1	99	0

SPGP0CW03240	XP_018219240.1	99	0
SPGP0CX01530	XP_018222170.1	99	0
SPGP0CM01840	XP_018223143.1	100	0
SPGP0CU00210	XP_018220808.1	99	0
SPGP0CW02890	XP_018219274.1	99	0
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SPGP0CP01080	XP_018223731.1	99	0
SPGP0CX01450	XP_018222162.1	99	0
SPGP0AN00650	XP_018223972.1	99	0
SPGP0CW00850	XP_018219471.1	99	0
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SPGP0CX01330	XP_018222151.1	99	0
SPGP0CU00320	XP_018220797.1	99	0
SPGP0AT01470	XP_018219164.1	99	0
SPGP0AA01360	XP_018220454.1	99	0
SPGP0CP00860	XP_018223752.1	99	0
SPGP0CP03230	XP_018223517.1	99	0
SPGP0L01310	XP_018218903.1	99	0
SPGP0GJ00210	XP_018223371.1	99	0
SPGP0CM00230	XP_018223301.1	99	0
SPGP0Y02240	XP_018220233.1	98	1
SPGP0IU00190	XP_018220337.1	99	0

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SPGP0X01740	XP_018221617.1	99	1
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SPGP0CN00480	XP_018220923.1	99	0
SPGP0J03400	XP_018219608.1	98	2
SPGP0J02390	XP_018219710.1	100	0
SPGP0HI00240	XP_018219950.1	99	0
SPGP0AT00740	XP_018219093.1	99	0
SPGP0J03060	XP_018219643.1	99	0
SPGP0X01940	XP_018221637.1	99	0
SPGP0J03500	XP_018219598.1	99	0
SPGP0AT01150	XP_018219133.1	99	0
SPGP0V00600	XP_018221726.1	99	0
SPGP0J03100	XP_018219639.1	99	1
SPGP0CX00710	XP_018222090.1	99	0
SPGP0Y03130	XP_018220321.1	99	0
SPGP0Y02310	XP_018220240.1	99	0
SPGP0F00290	XP_018221198.1	99	0
SPGP0AF00440	XP_018222298.1	99	0
SPGP0CW02570	XP_018219306.1	99	0
SPGP0U00180	XP_018223052.1	99	0
SPGP0CM00500	XP_018223274.1	99	0
SPGP0L00590	XP_018218974.1	99	0
SPGP0DA01420	XP_018222613.1	99	0
SPGP0K00680	XP_018222810.1	99	0
SPGP0X00930	XP_018221540.1	99	0
SPGP0X00800	XP_018221528.1	99	1
SPGP0AN00420	XP_018223951.1	99	1
SPGP0H01720	XP_018220978.1	99	0
SPGP0AA00640	XP_018220527.1	99	0
SPGP0L02050	XP_018218831.1	99	0
SPGP0H00320	XP_018221112.1	100	0
SPGP0DA00990	XP_018222656.1	99	0
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SPGP0H00480	XP_018221096.1	99	0
SPGP0CW01060	XP_018219450.1	99	0
SPGP0J01570	XP_018219791.1	99	0
SPGP0CW00910	XP_018219465.1	100	0
SPGP0IU00180	XP_018220336.1	99	0

SPGP0L00160	XP_018219015.1	99	0
SPGP0CM01820	XP_018223145.1	98	1
SPGP0F02250	XP_018221386.1	99	0
SPGP0AA00370	XP_018220553.1	99	0
SPGP0CV00270	XP_018222578.1	99	0
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SPGP0L00780	XP_018218955.1	99	0
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SPGP0AA00410	XP_018220549.1	99	0
SPGP0DA01090	XP_018222646.1	99	0
SPGP0CN00690	XP_018220902.1	99	0
SPGP0H01030	XP_018221042.1	99	0
SPGP0CU02180	XP_018220616.1	99	0
SPGP0AT01260	XP_018219144.1	99	0
SPGP0H01200	XP_018221027.1	99	0
SPGP0H01750	XP_018220975.1	99	0
SPGP0DA00270	XP_018222726.1	100	0
SPGP0JK00230	XP_018223443.1	99	0
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SPGP0FF00120	XP_018223400.1	99	0
SPGP0X00850	XP_018221533.1	99	0
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SPGP0AA01410	XP_018220449.1	99	0
SPGP0AF01350	XP_018222392.1	99	0
SPGP0CX01780	XP_018222193.1	99	0
SPGP0CW03480	XP_018219216.1	99	0
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SPGP0DA00830	XP_018222670.1	99	0
SPGP0J01010	XP_018219850.1	98	0
SPGP0U01890	XP_018222892.1	99	0
SPGP0Y01640	XP_018220178.1	99	0

SPGP0CP00500	XP_018223787.1	99	0
SPGP0L00880	XP_018218945.1	99	0
SPGP0L00330	XP_018218999.1	99	0
SPGP0Y00690	XP_018220085.1	99	0
SPGP0CP02590	XP_018223582.1	99	0
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SPGP0AA01900	XP_018220402.1	99	0
SPGP0CP02060	XP_018223634.1	99	0
SPGP0CN00800	XP_018220892.1	99	0
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SPGP0Y02780	XP_018220287.1	99	0
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SPGP0AJ01220	XP_018221893.1	99	0
SPGP0J02780	XP_018219671.1	99	0
SPGP0X00790	XP_018221527.1	99	0
SPGP0AA01210	XP_018220469.1	99	0
SPGP0CX01740	XP_018222190.1	98	1
SPGP0H01380	XP_018221009.1	99	0
SPGP0HN00140	XP_018221990.1	99	0
SPGP0CU01040	XP_018220726.1	99	0
SPGP0F01050	XP_018221269.1	99	0
SPGP0V00510	XP_018221735.1	99	0
SPGP0AF02190	XP_018222476.1	95	5

SPGP0AH00140	XP_018223422.1	98	1
SPGP0U00500	XP_018223024.1	99	0
SPGP0L00510	XP_018218981.1	99	0
SPGP0X02000	XP_018221643.1	99	0
SPGP0DA01160	XP_018222639.1	99	0
SPGP0CN00520	XP_018220919.1	99	0
SPGP0CW03520	XP_018219212.1	99	0
SPGP0CU00600	XP_018220769.1	99	0
SPGP0H01440	XP_018221004.1	97	2
SPGP0CM00610	XP_018223263.1	99	0

Sheet 2: *genes alleles inherited from Saccharomyces cerevisiae*

Saccharomyces pastorianus CBS1538 predicted ORF	*Saccharomyces cerevisiae parental allele*	Gene identities	Gene gaps
SPGP0C00250	YIL156W-B	99	0
SPGP0I02780	YNL040W	99	0
SPGP0I00510	YNL291C	99	0
SPGP0D00690	YNR014W	100	0
SPGP0D00160	YNR067C	100	0
SPGP0T00470	YKL161C	99	0
SPGP0B00310	YER054C	99	0
SPGP0T00860	YKL116C	99	0
SPGP0I01300	YNL206C	99	0
SPGP0C00960	YIL077C	99	0
SPGP0B01580	YEL071W	99	0
SPGP0E01110	YKR031C	99	0
SPGP0E01430	YKR067W	99	0
SPGP0B00850	YER005W	99	0
SPGP0A01890	YJL048C	99	0
SPGP0C00390	YIL138C	100	0
SPGP0CR00500	YAL012W	99	0
SPGP0I01190	YNL217W	100	0
SPGP0IZ00300	YMR310C	99	0
SPGP0CX00140	YGL216W	100	0
SPGP0T00130	YKL196C	99	0
SPGP0CX00110	YGL221C	100	0
SPGP0CW03160	YHR010W	95	1
SPGP0JF00120	YER179W	99	0
SPGP0I02220	YNL100W	99	0

SPGP0B00140	YER070W	99	0
SPGP0CR00760	YAR031W	96	0
SPGP0I00790	YNL260C	100	0
SPGP0E00790	YKL003C	100	0
SPGP0A02260	YJL089W	99	0
SPGP0I01990	YNL128W	99	0
SPGP0CX00350	YGL192W	99	0
SPGP0T00250	YKL184W	99	0
SPGP0CR00250	YAL036C	99	0
SPGP0CR00560	YAL005C	99	0
SPGP0I02630	YNL056W	99	0
SPGP0A01790	YJL037W	99	0
SPGP0HU00100	YGR294W	97	0
SPGP0A02040	YJL062W-A	100	0
SPGP0IZ00270	YMR307W	99	0
SPGP0C01420	YIL023C	99	0
SPGP0C01130	YIL057C	100	0
SPGP0I02090	YNL117W	99	0
SPGP0IP00160	YGL231C	100	0
SPGP0JF00150	YER182W	99	0
SPGP0E00680	YKL013C	99	0
SPGP0B01360	YEL049W	99	0
SPGP0E00690	YKL012W	99	0
SPGP0A01530	YJL003W	100	0
SPGP0A01240	YJR031C	99	0
SPGP0D00570	YNR027W	99	0
SPGP0A00110	YJR150C	99	0
SPGP0A00960	YJR061W	99	0
SPGP0E00890	YKR008W	99	0
SPGP0T00780	YKL126W	99	0
SPGP0C00470	YIL130W	98	1
SPGP0I00920	YNL247W	99	0
SPGP0U01240	YDL131W	86	0
SPGP0AI00270	YJL217W	98	0
SPGP0E01560	YKR081C	99	0
SPGP0A00670	YJR094C	100	0
SPGP0DC00200	YNL006W	99	0
SPGP0I02470	YNL074C	99	0
SPGP0I01560	YNL175C	99	0
SPGP0IF00100	YGR288W	99	0

SPGP0I01410	YNL192W	99	0
SPGP0B00440	YER044C	100	0
SPGP0E00960	YKR016W	99	0
SPGP0I00370	YNL307C	99	0
SPGP0B00620	YER026C	99	0
SPGP0C01960	YIR031C	100	0
SPGP0EL00150	YGL246C	99	0
SPGP0I01380	YNL195C	99	0
SPGP0DC00230	YNL003C	100	0
SPGP0A01690	YJL025W	99	0
SPGP0B01380	YEL050C	99	0
SPGP0CR00360	YAL026C	99	0
SPGP0AI00180	YJL207C	99	0
SPGP0EL00220	YGL253W	99	0
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SPGP0C01170	YIL052C	99	0
SPGP0I00380	YNL306W	99	0
SPGP0I02380	YNL083W	99	0
SPGP0T00420	YKL165C	99	0
SPGP0C00940	YIL079C	99	0
SPGP0A00460	YJR112W-A	99	0
SPGP0B01170	YEL029C	99	0
SPGP0E00240	YKL058W	100	0
SPGP0DD00190	YNL029C	99	0
SPGP0I00830	YNL256W	99	0
SPGP0I02420	YNL079C	100	0
SPGP0I02640	YNL055C	99	0
SPGP0I02340	YNL087W	99	0
SPGP0A01370	YJR011C	99	0
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SPGP0A01610	YJL013C	99	0
SPGP0D00360	YNR047W	99	0
SPGP0A00320	YJR129C	99	0
SPGP0C01090	YIL064W	99	0
SPGP0B01280	YEL041W	99	0
SPGP0A00710	YJR090C	99	0
SPGP0D00140	YNR069C	99	0

SPGP0T00400	YKL167C	99	0
SPGP0E01660	YKR091W	99	0
SPGP0T00800	YKL124W	99	0
SPGP0T00600	YKL145W	99	0
SPGP0T00110	YKL198C	98	1
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SPGP0E01000	YKR020W	99	0
SPGP0E00900	YKR009C	99	0
SPGP0I01310	YNL204C	99	0
SPGP0E01170	YKR039W	99	0
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SPGP0C00370	YIL140W	99	0
SPGP0I02030	YNL124W	99	0
SPGP0CX00370	YGL190C	99	0
SPGP0DD00130	YNL023C	99	0
SPGP0E00550	YKL024C	99	0
SPGP0E00220	YKL060C	99	0
SPGP0C00130	YJL221C	98	0
SPGP0CX00130	YGL219C	100	0
SPGP0I00110	YNL335W	99	0
SPGP0IZ00320	YMR312W	99	0
SPGP0T00230	YKL186C	99	0
SPGP0B00160	YER068W	99	0
SPGP0I00770	YNL262W	99	0
SPGP0A02200	YJL082W	99	0
SPGP0T00580	YKL148C	99	0
SPGP0E01750	YKR099W	99	0
SPGP0A00990	YJR058C	99	0
SPGP0I02810	YNL037C	99	0
SPGP0I02200	YNL102W	99	0
SPGP0C00140	YOL156W	98	0
SPGP0ES00150	YER166W	99	0
SPGP0C01400	YIL026C	99	0
SPGP0DW00100	YBR299W	99	0
SPGP0FY00100	YER184C	99	0
SPGP0HY00110	YGL237C	99	1
SPGP0B01340	YEL047C	99	0

SPGP0CR00140	YAL047C	99	0
SPGP0D00550	YNR029C	99	0
SPGP0E00570	YKL023W	98	1
SPGP0A00940	YJR063W	99	0
SPGP0CR00750	YAR029W	98	0
SPGP0C00700	YIL107C	99	0
SPGP0A02330	YJL096W	99	0
SPGP0U01220	YDL130W	86	2
SPGP0U01730	YDL188C	83	1
SPGP0I00940	YNL245C	100	0
SPGP0C00520	YIL125W	99	0
SPGP0HM00120	YAL058W	99	0
SPGP0E01540	YKR079C	99	0
SPGP0E01090	YKR029C	99	0
SPGP0Y01830	YMR143W	97	0
SPGP0I02600	YNL061W	99	0
SPGP0T00960	YKL104C	99	0
SPGP0I00890	YNL250W	99	0
SPGP0A00640	YJR096W	99	0
SPGP0DC00260	YNR001C	99	0
SPGP0I01540	YNL177C	99	0
SPGP0AI00150	YJL204C	99	0
SPGP0A00230	YJR137C	99	0
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SPGP0B00420	YER045C	99	0
SPGP0C01740	YIR008C	99	0
SPGP0I00520	YNL290W	100	0
SPGP0CU01320	YLR300W	86	0
SPGP0E00940	YKR014C	100	0
SPGP0I00390	YNL305C	99	0
SPGP0I02360	YNL085W	99	0
SPGP0E01320	YKR056W	99	0
SPGP0C01980	YIR033W	99	0
SPGP0A01200	YJR035W	99	0
SPGP0I01810	YNL147W	100	0
SPGP0C00580	YIL119C	98	1
SPGP0I00630	YNL278W	99	0
SPGP0HA00100	YNL284C-B	99	0
SPGP0B01400	YEL052W	99	0
SPGP0E01710	YKR095W-A	100	0

SPGP0A02430	YJL106W	99	0
SPGP0C00630	YIL114C	99	0
SPGP0I01770	YNL152W	99	0
SPGP0ID00100	YAL061W	99	0
SPGP0B00120	YER072W	100	0
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SPGP0I00850	YNL254C	99	0
SPGP0A01160	YJR041C	99	0
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SPGP0A01590	YJL011C	100	0
SPGP0I02240	YNL098C	99	0
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SPGP0E01150	YKR037C	99	0
SPGP0A02180	YJL080C	99	0
SPGP0I02280	YNL094W	99	0
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SPGP0B01320	YEL045C	99	0
SPGP0A01570	YJL008C	100	0
SPGP0A01280	YJR022W	100	0
SPGP0CP03390	YBL059C-A	86	2
SPGP0D00530	YNR031C	99	0
SPGP0E00140	YKL068W	98	0
SPGP0DZ00100	YDR542W	99	0
SPGP0CRtrna17P	YOL013W-A	96	1
SPGP0T00810	YKL122C	99	0
SPGP0A00150	YJR145C	99	0
SPGP0A00620	YJR098C	99	0
SPGP0T01140	YKL084W	99	0
SPGP0C00870	YIL090W	99	0
SPGP0CS00100	YPR204W	97	1
SPGP0C00380	YIL139C	99	0
SPGP0DC00240	YNL002C	100	0

SPGP0E01520	YKR077W	100	0
SPGP0B00400	YER047C	99	0
SPGP0A00260	YJR135C	99	0
SPGP0E00950	YKR015C	99	0
SPGP0C01080	YIL065C	100	0
SPGP0CX00440	YGL181W	97	3
SPGP0A00370	YJR123W	99	0
SPGP0E00920	YKR011C	99	0
SPGP0B00540	YER034W	99	0
SPGP0I00610	YNL280C	99	0
SPGP0A01220	YJR033C	99	0
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SPGP0I01220	YNL214W	99	0
SPGP0HV00100	YPL277C	99	0
SPGP0C00820	YIL095W	99	0
SPGP0C00650	YIL112W	99	0
SPGP0D00350	YNR048W	99	0
SPGP0B01420	YEL054C	100	0
SPGP0CR00780	YAR035W	99	0
SPGP0B00740	YER015W	99	0
SPGP0CW00560	YOR302W	96	0
SPGP0A02140	YJL074C	99	0
SPGP0A02410	YJL104W	100	0
SPGP0B01130	YEL025C	99	0
SPGP0CR00620	YAR002C-A	99	0
SPGP0A01140	YJR043C	99	0
SPGP0I00870	YNL252C	99	0
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SPGP0CR00240	YAL037W	99	0
SPGP0A00810	YJR077C	99	0
SPGP0D00320	YNR051C	99	0
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SPGP0C01230	YIL046W	99	0
SPGP0CX00290	YGL198W	99	0

SPGP0D00670	YNR016C	99	0
SPGP0B01180	YEL030W	99	0
SPGP0D00180	YNR065C	99	0
SPGP0T01090	YKL089W	99	0
SPGP0A01810	YJL039C	99	0
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SPGP0T00640	YKL141W	99	0
SPGP0I01340	YNL200C	99	0
SPGP0DD00110	YNL021W	99	0
SPGP0ES00140	YER165W	99	0
SPGP0E00490	YKL032C	98	2
SPGP0C00360	YIL142W	99	0
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SPGP0A02190	YJL081C	99	0
SPGP0CX00160	YGL213C	99	0
SPGP0C00330	YIL145C	99	0
SPGP0I02060	YNL121C	99	0
SPGP0E01210	YKR044W	99	0
SPGP0T00140	YKL195W	99	0
SPGP0B00990	YEL012W	99	0
SPGP0E00210	YKL061W	100	0
SPGP0I01120	YNL224C	99	0
SPGP0B00190	YER065C	99	0
SPGP0V01110	YOL120C	87	3
SPGP0A02230	YJL085W	99	0
SPGP0I00290	YNL315C	99	0
SPGP0C00570	YIL120W	99	0
SPGP0HV00140	YPL281C	99	0
SPGP0A00380	YJR122W	99	0
SPGP0C00860	YIL091C	99	0
SPGP0E01530	YKR078W	99	0
SPGP0I00640	YNL277W	99	0
SPGP0E00910	YKR010C	99	0
SPGP0E00660	YKL015W	99	0
SPGP0I00470	YNL295W	99	0
SPGP0A02390	YJL102W	99	0
SPGP0A02170	YJL079C	99	0
SPGP0A01150	YJR042W	99	0
SPGP0A01720	YJL029C	99	0
SPGP0C00930	YIL083C	99	0
SPGP0J01820	YNL112W	86	1
SPGP0I01260	YNL210W	99	0
SPGP0A00820	YJR076C	99	0
SPGP0D00330	YNR050C	99	0
SPGP0D00190	YNR064C	100	0
SPGP0I01050	YNL233W	99	0
SPGP0T00940	YKL106W	99	0
SPGP0I01030	YNL236W	99	0

SPGP0C00170	YIL166C	99	0
SPGP0E00730	YKL008C	99	0
SPGP0T00120	YKL197C	99	0
SPGP0T00390	YKL168C	99	0
SPGP0B01190	YEL031W	99	0
SPGP0EL00240	YGL255W	95	1
SPGP0E01270	YKR051W	99	0
SPGP0I01780	YNL151C	100	0
SPGP0I01100	YNL227C	99	0
SPGP0CX00280	YGL200C	99	0
SPGP0C01240	YIL045W	99	0
SPGP0IZ00340	YMR314W	99	0
SPGP0E01040	YKR024C	99	0
SPGP0B01430	YEL055C	99	0
SPGP0A01700	YJL026W	99	0
SPGP0A02610	YJL128C	99	0
SPGP0I01350	YNL199C	99	0
SPGP0C00550	YIL122W	99	0
SPGP0D00290	YNR054C	100	0
SPGP0A00890	YJR068W	99	0
SPGP0A01850	YJL044C	99	0
SPGP0E01510	YKR076W	99	0
SPGP0C00840	YIL093C	100	0
SPGP0DD00150	YNL024C-A	99	0
SPGP0E00640	YKL017C	99	0
SPGP0CR00670	YAR015W	99	0
SPGP0I01840	YNL144C	100	0
SPGP0A02370	YJL100W	99	0
SPGP0EL00200	YGL251C	99	0
SPGP0A02110	YJL071W	99	0
SPGP0E01410	YKR065C	99	0
SPGP0A00840	YJR074W	99	0
SPGP0A01130	YJR044C	100	0
SPGP0T00180	YKL191W	99	0
SPGP0B01240	YEL037C	99	0
SPGP0B00810	YER008C	99	0
SPGP0U00590	YDL064W	89	0
SPGP0E01250	YKR049C	99	0
SPGP0E00250	YKL057C	99	0
SPGP0C01260	YIL043C	99	0

SPGP0CR00110	YAL051W	99	0
SPGP0C01870	YIR022W	99	0
SPGP0DT00110	YER174C	99	0
SPGP0E01350	YKR059W	99	0
SPGP0DC00250	YNL001W	99	0
SPGP0A02580	YJL126W	99	0
SPGP0I01680	YNL161W	99	0
SPGP0CR00340	YAL028W	99	0
SPGP0B00580	YER030W	99	0
SPGP0A02630	YJL130C	99	0
SPGP0A00450	YJR113C	99	0
SPGP0D00270	YNR056C	99	0
SPGP0C01700	YIR004W	99	0
SPGP0E01390	YKR063C	99	0
SPGP0CR00380	YAL024C	99	0
SPGP0C00210	YIL160C	99	0
SPGP0A00900	YJR067C	99	0
SPGP0I01850	YNL142W	99	0
SPGP0I02620	YNL058C	99	1
SPGP0A02130	YJL073W	99	0
SPGP0A00860	YJR072C	99	0
SPGP0D00420	YNR040W	99	0
SPGP0I02710	YNL048W	99	0
SPGP0E00510	YKL028W	99	0
SPGP0CR00320	YAL030W	99	0
SPGP0W00100	YAL065C	96	0
SPGP0A02020	YJL061W	99	0
SPGP0A01110	YJR046W	99	0
SPGP0T00290	YKL180W	99	0
SPGP0B00350	YER051W	99	0
SPGP0DD00160	YNL025C	99	0
SPGP0D00730	YNR010W	100	0
SPGP0DC00190	YNL007C	98	2
SPGP0T00660	YKL139W	99	0
SPGP0T01060	YKL092C	100	0
SPGP0C01280	YIL041W	99	0
SPGP0T00900	YKL110C	99	0
SPGP0DT00130	YER172C	99	0
SPGP0B00270	YER057C	100	0
SPGP0I00230	YNL322C	99	0

SPGP0A02650	YJL132W	99	0
SPGP0I00900	YNL249C	99	0
SPGP0A01380	YJR010C-A	100	0
SPGP0B00700	YER018C	99	0
SPGP0E00590	YKL021C	99	0
SPGP0D00250	YNR058W	100	0
SPGP0C00800	YIL097W	99	0
SPGP0CX00250	YGL203C	98	1
SPGP0I00700	YNL271C	100	0
SPGP0JK00220	YCR077C	83	1
SPGP0A00730	YJR088C	99	0
SPGP0CR00630	YAR003W	99	0
SPGP0B00720	YER016W	99	0
SPGP0A02480	YJL112W	99	0
SPGP0C01060	YIL067C	99	0
SPGP0A01680	YJL024C	99	0
SPGP0EG00100	YAL067C	99	0
SPGP0B01090	YEL021W	100	0
SPGP0A00200	YJR140C	99	0
SPGP0I01520	YNL180C	99	0
SPGP0AI00240	YJL213W	99	0
SPGP0I02500	YNL071W	99	0
SPGP0A00410	YJR118C	99	0
SPGP0A02670	YJL133C-A	99	0
SPGP0C00160	YIL167W	99	0
SPGP0DC00170	YNL009W	99	0
SPGP0U00770	YDL083C	91	1
SPGP0CR00700	YFL020C	97	0
SPGP0IZ00360	YMR316W	99	0
SPGP0DT00150	YER170W	99	0
SPGP0I01290	YNL207W	99	0
SPGP0D00790	YNR003C	100	0
SPGP0E01760	YKR100C	99	0
SPGP0T01040	YKL094W	99	0
SPGP0I01890	YNL138W	99	0
SPGP0A01830	YJL042W	99	0
SPGP0I00960	YNL243W	99	0
SPGP0E00330	YKL049C	100	0
SPGP0A02710	YJL138C	99	0
SPGP0D00580	YNR026C	99	0

SPGP0C00780	YIL099W	99	0
SPGP0E01460	YKR070W	99	0
SPGP0C01460	YIL019W	99	0
SPGP0E00470	YKL033W	99	0
SPGP0CR00610	YAR002W	99	0
SPGP0C00180	YIL164C	99	0
SPGP0GL00150	YKL215C	81	1
SPGP0AJ00330	YHR021C	95	1
SPGP0E00880	YKR007W	98	1
SPGP0I01970	YNL130C	99	0
SPGP0I02100	YNL116W	99	0
SPGP0A02060	YJL065C	99	0
SPGP0A01400	YJR009C	100	0
SPGP0CR00690	YAR019C	99	0
SPGP0HV00120	YOR390W	99	0
SPGP0DC00150	YNL011C	99	0
SPGP0B00950	YEL006W	99	0
SPGP0T00920	YKL108W	99	1
SPGP0EL00170	YGL248W	99	0
SPGP0B00930	YEL004W	99	0
SPGP0C01890	YIR024C	99	0
SPGP0CR00400	YAL022C	99	0
SPGP0C01380	YIL030C	99	0
SPGP0T00540	YKL152C	99	0
SPGP0A02690	YJL136C	99	0
SPGP0DB00100	YDR345C	90	0
SPGP0A02280	YJL091C	99	0
SPGP0B01050	YEL018W	99	0
SPGP0I00360	YNL308C	99	0
SPGP0B01150	YEL027W	100	0
SPGP0E00980	YKR018C	99	0
SPGP0I00590	YNL282W	100	0
SPGP0I01370	YNL196C	99	0
SPGP0A01010	YJR056C	99	0
SPGP0I01950	YNL132W	99	0
SPGP0A01640	YJL019W	99	0
SPGP0CP00460	YDR242W	81	0
SPGP0A01420	YJR007W	99	0
SPGP0T00560	YKL150W	99	0
SPGP0F00100	YJL159W	92	0

SPGP0DC00130	YNL014W	99	0
SPGP0CX00450	YGL180W	99	0
SPGP0C00290	YIL149C	99	0
SPGP0CR00420	YAL020C	99	0
SPGP0C00740	YIL103W	99	0
SPGP0Atrna3M	YJL007C	100	0
SPGP0GT00100	YPR002W	81	0
SPGP0I02440	YNL077W	99	0
SPGP0E00800	YKL002W	99	0
SPGP0DC00110	YNL016W	99	0
SPGP0CX00200	YGL209W	99	0
SPGP0A01620	YJL014W	99	0
SPGP0A01970	YJL056C	99	0
SPGP0C01190	YIL050W	99	0
SPGP0E01190	YKR042W	99	1
SPGP0I01580	YNL172W	99	0
SPGP0T00620	YKL143W	99	0
SPGP0B00800	YER009W	100	0
SPGP0I00180	YNL328C	99	0
SPGP0CX00310	YGL196W	99	0
SPGP0I02650	YNL054W	99	1
SPGP0I00980	YNL241C	99	0
SPGP0AI00120	YJL200C	99	0
SPGP0JM00110	YPL273W	99	0
SPGP0T00310	YKL178C	99	0
SPGP0D00610	YNR022C	100	0
SPGP0EA00150	YGR286C	99	0
SPGP0A00790	YJR080C	99	0
SPGP0A02560	YJL124C	100	0
SPGP0A00550	YJR105W	99	0
SPGP0A01950	YJL054W	99	0
SPGP0D00100	YNR075W	100	0
SPGP0EL00110	YGL242C	99	0
SPGP0I01040	YNL234W	99	0
SPGP0A02540	YJL122W	99	0
SPGP0B01460	YEL058W	99	0
SPGP0I02180	YNL104C	99	0
SPGP0B00290	YER056C	97	0
SPGP0JF00140	YER180C-A	99	0
SPGP0I01760	YNL153C	99	0

SPGP0T00270	YKL182W	99	0
SPGP0B00870	YER003C	99	0
SPGP0A00530	YJR107W	99	0
SPGP0D00440	YNR038W	99	0
SPGP0A01930	YJL052W	99	0
SPGP0C00270	YIL151C	99	0
SPGP0EL00130	YGL244W	99	0
SPGP0T00480	YKL160W	100	0
SPGP0D00120	YNR071C	100	0
SPGP0E00280	YKL054C	99	1
SPGP0B00100	YER074W	99	0
SPGP0A01910	YJL050W	99	0
SPGP0A02590	YJL127C	99	0
SPGP0I01500	YNL182C	99	0
SPGP0C01610	YIL005W	99	0

Sheet 3: *genes alleles below 80% identity*

Saccharomyces pastorianus CBS1538 predicted ORF	Parental allele ID	Parent	Gene identities	Gene gaps
SPGP0BE00290	YCL036W	*Saccharomyces cerevisiae*	78	1
SPGP0E01780	YPR196W	*Saccharomyces cerevisiae*	79	0
SPGP0CW01320	YOR219C	*Saccharomyces cerevisiae*	79	1
SPGP0CM01370	YBR156C	*Saccharomyces cerevisiae*	77	2
SPGP0CW02560	YOR081C	*Saccharomyces cerevisiae*	79	1
SPGP0CW01580	YOR188W	*Saccharomyces cerevisiae*	79	2
SPGP0L02610	YPL269W	*Saccharomyces cerevisiae*	78	1
SPGP0JK00190	YCR075C	*Saccharomyces cerevisiae*	78	1
SPGP0FI00130	XP_018224047.1	*Saccharomyces eubayanus*	78	2

Sheet 4: *genes alleles copy with same identity in both parents*

Saccharomyces pastorianus CBS1538 predicted ORF	Parental allele ID	Parent	Gene identities	Gene gaps
SPGP0Btrna9R	YGR164W	*Saccharomyces cerevisiae*	100	0
SPGP0Btrna9R	DI49_4020	*Saccharomyces eubayanus*	100	0
SPGP0CU00360	YDL075W	*Saccharomyces cerevisiae*	93	0
SPGP0CU00360	XP_018223007.1	*Saccharomyces eubayanus*	93	0
SPGP0Itrna14I	YNL017C	*Saccharomyces cerevisiae*	100	0
SPGP0Itrna14I	DI49_5614	*Saccharomyces eubayanus*	100	0
SPGP0CNtrna24K	YDR445C	*Saccharomyces cerevisiae*	100	0

SPGP0CNtrna24K	DI49_5468	*Saccharomyces eubayanus*	100	0
SPGP0FI00140	YDR531W	*Saccharomyces cerevisiae*	83	0
SPGP0FI00140	XP_018224046.1	*Saccharomyces eubayanus*	83	0
SPGP0CX01800	YGL030W	*Saccharomyces cerevisiae*	99	0
SPGP0CX01800	XP_018222195.1	*Saccharomyces eubayanus*	99	0
SPGP0CPtrna26G	YPR159C-A	*Saccharomyces cerevisiae*	100	0
SPGP0CPtrna26G	DI49_5603	*Saccharomyces eubayanus*	100	0
SPGP0Itrna24G	YNL285W	*Saccharomyces cerevisiae*	100	0
SPGP0Itrna24G	DI49_2297	*Saccharomyces eubayanus*	100	0
SPGP0CItrna20T	YHR180W-A	*Saccharomyces cerevisiae*	100	0
SPGP0CItrna20T	DI49_5553	*Saccharomyces eubayanus*	100	0

Sheet 5: *list of paralogs in Saccharomyces pastorianus CBS1538*

List of paralogs	*S. eubayanus-like content*	*S. pastorianus content*	*S. cerevisiae-like content*
SPGP0CV00100;		SPGP0CV00100;	
DI49_1689; DI49_1688	DI49_1689; DI49_1688		
DI49_1691; DI49_1690	DI49_1691; DI49_1690		
DI49_1693; DI49_1692	DI49_1693; DI49_1692		
DI49_1695; SPGP0CV00180	DI49_1695	SPGP0CV00180	
SPGP0CVtrna2K; SPGP0CNtrna24K; SPGP0CV00200; SPGP0CXtrna5K; YGL200C; SPGP0CXtrna6K; DI49_1808; SPGP0DAtrna7K; SPGP0DBtrna8K; DI49_0541; DI49_1540; SPGP0FFtrna10K; SPGP0Atrna1K; YJL011C; SPGP0Xtrna13K; DI49_2750; DI49_4196; SPGP0Btrna11K; DI49_2156; SPGP0Ctrna15K; DI49_0613; DI49_5469; SPGP0Ftrna22K; DI49_3250	DI49_1808; DI49_0541; DI49_1540; DI49_2750; DI49_4196; DI49_2156; DI49_0613; DI49_5469; DI49_3250	SPGP0CVtrna2K; SPGP0CNtrna24K; SPGP0CV00200; SPGP0CXtrna5K; SPGP0CXtrna6K; SPGP0DAtrna7K; SPGP0DBtrna8K; SPGP0FFtrna10K; SPGP0Atrna1K; SPGP0Xtrna13K; SPGP0Btrna11K; SPGP0Ctrna15K; SPGP0Ftrna22K	YGL200C; YJL011C
DI49_1698; DI49_1697	DI49_1698; DI49_1697		
DI49_1700; DI49_1699	DI49_1700; DI49_1699		
DI49_1702; DI49_1701	DI49_1702; DI49_1701		
DI49_1704; DI49_1703	DI49_1704; DI49_1703		
DI49_1706; DI49_1705	DI49_1706; DI49_1705		
DI49_1708; DI49_1707	DI49_1708; DI49_1707		
DI49_1710; DI49_1709	DI49_1710; DI49_1709		
DI49_1712; DI49_1711	DI49_1712; DI49_1711		
DI49_1714; YGL253W; DI49_1716; YGL254W	DI49_1714; DI49_1716		YGL253W; YGL254W
DI49_1718; DI49_1717	DI49_1718; DI49_1717		
DI49_5168; DI49_1719	DI49_5168; DI49_1719		
DI49_5166; DI49_5167	DI49_5166; DI49_5167		
DI49_5164; DI49_5165	DI49_5164; DI49_5165		
DI49_5161; DI49_5163	DI49_5161; DI49_5163		
DI49_5159; DI49_5160	DI49_5159; DI49_5160		

DI49_5157; DI49_5158	DI49_5157; DI49_5158		
SPGP0CWtrna4M; DI49_4243; DI49_5154; SPGP0DBtrna7M; DI49_0528; SPGP0Ytrna11M; DI49_4244; SPGP0Ftrna12M; DI49_3010	DI49_4243; DI49_5154; DI49_0528; DI49_4244; DI49_3010	SPGP0CWtrna4M; SPGP0DBtrna7M; SPGP0Ytrna11M; SPGP0Ftrna12M	
DI49_5152; DI49_5153	DI49_5152; DI49_5153		
DI49_5150; DI49_5151	DI49_5150; DI49_5151		
DI49_5148; DI49_5149	DI49_5148; DI49_5149		
SPGP0CW00290; YOR335C		SPGP0CW00290	YOR335C
DI49_5146; DI49_5147	DI49_5146; DI49_5147		
DI49_5144; DI49_5145	DI49_5144; DI49_5145		
DI49_5142; DI49_5143	DI49_5142; DI49_5143		
DI49_5140; DI49_5141	DI49_5140; DI49_5141		
DI49_5138; DI49_5139	DI49_5138; DI49_5139		
DI49_5136; DI49_5137	DI49_5136; DI49_5137		
DI49_5134; DI49_5135	DI49_5134; DI49_5135		
DI49_5132; DI49_5133	DI49_5132; DI49_5133		
DI49_5130; DI49_5131	DI49_5130; DI49_5131		
DI49_5128; DI49_5129	DI49_5128; DI49_5129		
DI49_5126; DI49_5127	DI49_5126; DI49_5127		
DI49_5124; DI49_5125	DI49_5124; DI49_5125		
DI49_5122; DI49_5123	DI49_5122; DI49_5123		
DI49_5120; YOR302W	DI49_5120		YOR302W
DI49_5118; DI49_5119	DI49_5118; DI49_5119		
DI49_5116; DI49_5117	DI49_5116; DI49_5117		
DI49_5114; DI49_5115	DI49_5114; DI49_5115		
DI49_5112; DI49_4314; DI49_5111; DI49_4315	DI49_5112; DI49_4314; DI49_5111; DI49_4315		
DI49_5109; DI49_2660	DI49_5109; DI49_2660		
SPGP0CWtrna2A; DI49_3564; DI49_5107; SPGP0EPtrna4A; DI49_1482; DI49_3563; SPGP0AFtrna13A; DI49_2116	DI49_3564; DI49_5107; DI49_1482; DI49_3563; DI49_2116	SPGP0CWtrna2A; SPGP0EPtrna4A; SPGP0AFtrna13A	
DI49_5105; DI49_5106	DI49_5105; DI49_5106		
DI49_5103; DI49_5104	DI49_5103; DI49_5104		
DI49_5101; DI49_5102	DI49_5101; DI49_5102		
DI49_5099; DI49_5100	DI49_5099; DI49_5100		
DI49_5097; DI49_5098	DI49_5097; DI49_5098		
DI49_5095; DI49_5096	DI49_5095; DI49_5096		
DI49_5093; DI49_5094	DI49_5093; DI49_5094		
DI49_5091; DI49_5092	DI49_5091; DI49_5092		
DI49_5089; DI49_5090	DI49_5089; DI49_5090		
DI49_5087; DI49_5088	DI49_5087; DI49_5088		
DI49_5085; DI49_5086	DI49_5085; DI49_5086		
DI49_5083; DI49_5084	DI49_5083; DI49_5084		
DI49_5081; DI49_5082	DI49_5081; DI49_5082		

DI49_5079; DI49_5080	DI49_5079; DI49_5080		
DI49_5077; DI49_5078	DI49_5077; DI49_5078		
DI49_5075; DI49_5076	DI49_5075; DI49_5076		
DI49_5073; DI49_5074	DI49_5073; DI49_5074		
DI49_5071; DI49_5072	DI49_5071; DI49_5072		
DI49_5069; DI49_5070	DI49_5069; DI49_5070		
DI49_5067; DI49_5068	DI49_5067; DI49_5068		
DI49_5065; DI49_5066	DI49_5065; DI49_5066		
DI49_5063; DI49_5064	DI49_5063; DI49_5064		
DI49_5062; SPGP0CW01140	DI49_5062	SPGP0CW01140	
DI49_5060; DI49_5061	DI49_5060; DI49_5061		
DI49_5058; DI49_5322; SPGP0L01400; DI49_5321	DI49_5058; DI49_5322; DI49_5321	SPGP0L01400	
DI49_5056; DI49_5057	DI49_5056; DI49_5057		
DI49_5054; DI49_5055	DI49_5054; DI49_5055		
DI49_5052; DI49_5053	DI49_5052; DI49_5053		
DI49_5050; DI49_5051	DI49_5050; DI49_5051		
DI49_5048; DI49_5049	DI49_5048; DI49_5049		
DI49_5046; DI49_5047	DI49_5046; DI49_5047		
DI49_5045; SPGP0CW01320	DI49_5045	SPGP0CW01320	
DI49_5043; DI49_5044	DI49_5043; DI49_5044		
DI49_5041; DI49_5042	DI49_5041; DI49_5042		
DI49_5039; DI49_5040	DI49_5039; DI49_5040		
DI49_5037; DI49_5038	DI49_5037; DI49_5038		
DI49_5035; DI49_5036	DI49_5035; DI49_5036		
DI49_5033; DI49_5034	DI49_5033; DI49_5034		
DI49_5031; DI49_5032; YNL112W; DI49_4621	DI49_5031; DI49_5032; DI49_4621		YNL112W
DI49_5029; DI49_5030	DI49_5029; DI49_5030		
DI49_5027; DI49_5028	DI49_5027; DI49_5028		
DI49_5025; DI49_5026	DI49_5025; DI49_5026		
SPGP0CWtrna5M; DI49_5351; DI49_5022; SPGP0DAtrna6M; DI49_1363; DI49_5350; SPGP0FFtrna9M; YJR043C; SPGP0Btrna10M; YEL028W; DI49_3051	DI49_5351; DI49_5022; DI49_1363; DI49_5350; DI49_3051	SPGP0CWtrna5M; SPGP0DAtrna6M; SPGP0FFtrna9M; SPGP0Btrna10M	YJR043C; YEL028W
DI49_5020; DI49_5021	DI49_5020; DI49_5021		
DI49_5019; SPGP0CW01580	DI49_5019	SPGP0CW01580	
DI49_5017; DI49_3800; DI49_5016; DI49_5015; DI49_3799	DI49_5017; DI49_3800; DI49_5016; DI49_5015; DI49_3799		
DI49_5013; DI49_5014	DI49_5013; DI49_5014		
DI49_5011; DI49_5012	DI49_5011; DI49_5012		
DI49_5009; DI49_4248; SPGP0CWtrna3V; DI49_4839; SPGP0CXtrna4V; DI49_1922; DI49_1542; SPGP0GHtrna7V; DI49_1560; SPGP0Atrna1V; YJL037W; SPGP0IPtrna11V; YGL226W; SPGP0Ytrna8V; SPGP0Y00950; SPGP0Ytrna9V; DI49_4167; SPGP0Ytrna10V; SPGP0Y02020;	DI49_5009; DI49_4248; DI49_4839; DI49_1922; DI49_1542; DI49_1560; DI49_4167; DI49_2126; DI49_3302; DI49_3781	SPGP0CWtrna3V; SPGP0CXtrna4V; SPGP0GHtrna7V; SPGP0Atrna1V; SPGP0IPtrna11V; SPGP0Ytrna8V; SPGP0Y00950; SPGP0Ytrna9V; SPGP0Ytrna10V; SPGP0Y02020; SPGP0AFtrna12V; SPGP0Etrna16V; SPGP0Ftrna17V; SPGP0Htrna18V; SPGP0Htrna19V	YJL037W; YGL226W; YKL068W-A

SPGP0AFtrna12V; DI49_2126; YKL068W-A; SPGP0Etrna16V; SPGP0Ftrna17V; SPGP0Htrna18V; SPGP0Htrna19V; DI49_3302; DI49_3781			
DI49_5007; DI49_5008	DI49_5007; DI49_5008		
DI49_5005; DI49_5006	DI49_5005; DI49_5006		
DI49_5003; DI49_5004	DI49_5003; DI49_5004		
DI49_5001; DI49_5002	DI49_5001; DI49_5002		
DI49_4999; DI49_5000	DI49_4999; DI49_5000		
DI49_4997; DI49_4998	DI49_4997; DI49_4998		
DI49_4995; DI49_4996	DI49_4995; DI49_4996		
DI49_4993; DI49_4994	DI49_4993; DI49_4994		
DI49_4991; DI49_4992	DI49_4991; DI49_4992		
DI49_4989; DI49_4990	DI49_4989; DI49_4990		
DI49_4987; SPGP0AN00300; DI49_4986; YDR406W; DI49_0582	DI49_4987; DI49_4986; DI49_0582	SPGP0AN00300	YDR406W
DI49_4984; DI49_4985	DI49_4984; DI49_4985		
DI49_4982; DI49_4983	DI49_4982; DI49_4983		
DI49_4980; DI49_4981	DI49_4980; DI49_4981		
DI49_4978; DI49_4979	DI49_4978; DI49_4979		
DI49_4976; DI49_4977; DI49_0567; DI49_0568	DI49_4976; DI49_4977; DI49_0567; DI49_0568		
DI49_4974; DI49_4975	DI49_4974; DI49_4975		
DI49_4973; SPGP0CW02040	DI49_4973	SPGP0CW02040	
DI49_4971; DI49_4972	DI49_4971; DI49_4972		
DI49_4969; DI49_4970	DI49_4969; DI49_4970		
DI49_4967; DI49_4968	DI49_4967; DI49_4968		
DI49_4965; DI49_4675; SPGP0Jtrna5D; YJR055W; SPGP0Atrna2D; SPGP0Atrna4D; SPGP0GStrna7D; DI49_1993; SPGP0Xtrna8D; SPGP0Ytrna10D; DI49_4188; DI49_1987; SPGP0AAtrna12D; DI49_3664; SPGP0Ctrna13D; YIL009W; SPGP0Ftrna17D; DI49_2973; SPGP0Ftrna18D; SPGP0Ftrna19D; DI49_3068; SPGP0Htrna20D; DI49_3409; SPGP0CUtrna24D; DI49_3834	DI49_4965; DI49_4675; DI49_1993; DI49_4188; DI49_1987; DI49_3664; DI49_2973; DI49_3068; DI49_3409; DI49_3834	SPGP0Jtrna5D; SPGP0Atrna2D; SPGP0Atrna4D; SPGP0GStrna7D; SPGP0Xtrna8D; SPGP0Ytrna10D; SPGP0AAtrna12D; SPGP0Ctrna13D; SPGP0Ftrna17D; SPGP0Ftrna18D; SPGP0Ftrna19D; SPGP0Htrna20D; SPGP0CUtrna24D	YJR055W; YIL009W
DI49_4963; DI49_4964	DI49_4963; DI49_4964		
DI49_4961; DI49_4962	DI49_4961; DI49_4962		
DI49_4959; DI49_4960	DI49_4959; DI49_4960		
DI49_4957; DI49_4958	DI49_4957; DI49_4958		
DI49_4955; DI49_4956	DI49_4955; DI49_4956		
DI49_4953; DI49_4954	DI49_4953; DI49_4954		
DI49_4951; DI49_4952	DI49_4951; DI49_4952		
DI49_4949; DI49_4950	DI49_4949; DI49_4950		
DI49_4947; DI49_4948	DI49_4947; DI49_4948		
DI49_4945; DI49_4946	DI49_4945; DI49_4946		
DI49_4943; DI49_4944; YNL104C; YNL103W	DI49_4943; DI49_4944		YNL104C; YNL103W
DI49_4941; DI49_4942	DI49_4941; DI49_4942		

DI49_4939; DI49_4940	DI49_4939; DI49_4940	
DI49_4937; DI49_4938	DI49_4937; DI49_4938	
DI49_4935; DI49_4936	DI49_4935; DI49_4936	
DI49_4933; DI49_4934; SPGP0I02260; SPGP0I02270	DI49_4933; DI49_4934	SPGP0I02260; SPGP0I02270
DI49_4931; DI49_4932	DI49_4931; DI49_4932	
DI49_4929; DI49_4930	DI49_4929; DI49_4930	
DI49_4927; DI49_4928	DI49_4927; DI49_4928	
SPGP0CWtrna3N; DI49_5581; DI49_4924; SPGP0Jtrna1N; SPGP0GA00200; SPGP0GA00220; SPGP0Ttrna5N; SPGP0Vtrna6N; SPGP0ICtrna7N; DI49_1650; SPGP0AFtrna8N; DI49_2081; SPGP0Dtrna9N; SPGP0CNtrna12N; SPGP0CUtrna13N; DI49_3921; YNL284C	DI49_5581; DI49_4924; DI49_1650; DI49_2081; DI49_3921	SPGP0CWtrna3N; SPGP0Jtrna1N; SPGP0GA00200; SPGP0GA00220; SPGP0Ttrna5N; SPGP0Vtrna6N; SPGP0ICtrna7N; SPGP0AFtrna8N; SPGP0Dtrna9N; SPGP0CNtrna12N; SPGP0CUtrna13N YNL284C
DI49_4922; DI49_4923	DI49_4922; DI49_4923	
SPGP0CW02560; SPGP0CW02550		SPGP0CW02560; SPGP0CW02550
DI49_4920; DI49_4921	DI49_4920; DI49_4921	
DI49_4918; DI49_4919	DI49_4918; DI49_4919	
DI49_4916; DI49_4917	DI49_4916; DI49_4917	
DI49_4915; YOR074C	DI49_4915	YOR074C
DI49_4912; DI49_4914; SPGP0CWtrna5P; DI49_1636; DI49_2548; DI49_2549	DI49_4912; DI49_4914; DI49_1636; DI49_2548; DI49_2549	SPGP0CWtrna5P
DI49_4910; DI49_4911	DI49_4910; DI49_4911	
DI49_4908; DI49_4909	DI49_4908; DI49_4909	
DI49_4906; DI49_4907	DI49_4906; DI49_4907	
DI49_4904; DI49_4905	DI49_4904; DI49_4905	
DI49_4902; DI49_4903	DI49_4902; DI49_4903	
SPGP0CWtrna3K; DI49_5564; DI49_4899; SPGP0Utrna12K; DI49_1007; SPGP0AFtrna16K; DI49_2068; SPGP0ATtrna20K; DI49_5565; SPGP0Htrna23K; DI49_3442; DI49_3876	DI49_5564; DI49_4899; DI49_1007; DI49_2068; DI49_5565; DI49_3442; DI49_3876	SPGP0CWtrna3K; SPGP0Utrna12K; SPGP0AFtrna16K; SPGP0ATtrna20K; SPGP0Htrna23K
DI49_4897; DI49_4898	DI49_4897; DI49_4898	
DI49_4895; DI49_4896	DI49_4895; DI49_4896	
DI49_4893; DI49_4894	DI49_4893; DI49_4894	
DI49_4891; DI49_4892	DI49_4891; DI49_4892	
DI49_4889; DI49_4890	DI49_4889; DI49_4890	
DI49_4887; DI49_4888	DI49_4887; DI49_4888	
DI49_4885; DI49_4886	DI49_4885; DI49_4886	
DI49_4883; DI49_4884	DI49_4883; DI49_4884	
DI49_4881; DI49_4882	DI49_4881; DI49_4882	
DI49_4879; DI49_4880	DI49_4879; DI49_4880	
DI49_4877; DI49_4878	DI49_4877; DI49_4878	
DI49_4875; DI49_4876	DI49_4875; DI49_4876	
DI49_4873; DI49_4874	DI49_4873; DI49_4874	
DI49_4871; DI49_4872	DI49_4871; DI49_4872	

DI49_4869; DI49_4870	DI49_4869; DI49_4870	
DI49_4867; DI49_4868	DI49_4867; DI49_4868	
DI49_4865; DI49_4866	DI49_4865; DI49_4866	
DI49_4863; DI49_4419; SPGP0DAtrna4S; DI49_0694; DI49_1047; SPGP0Strna8S; SPGP0Xtrna13S; DI49_0593; DI49_5465; SPGP0Ftrna21S; DI49_2003	DI49_4863; DI49_4419; DI49_0694; DI49_1047; DI49_0593; DI49_5465; DI49_2003	SPGP0DAtrna4S; SPGP0Strna8S; SPGP0Xtrna13S; SPGP0Ftrna21S
DI49_4861; DI49_4862	DI49_4861; DI49_4862	
YHR010W; DI49_0636; DI49_4859; DI49_0637	DI49_0636; DI49_4859; DI49_0637	YHR010W
DI49_4857; DI49_4858	DI49_4857; DI49_4858	
SPGP0CWtrna4T; DI49_2415; DI49_4854; SPGP0Jtrna1T; SPGP0Jtrna3T; DI49_4465; SPGP0Mtrna5T; SPGP0Utrna7T; DI49_1043; DI49_2299; SPGP0Xtrna10T; SPGP0X01490; SPGP0AJ00210; SPGP0AJtrna17T; DI49_0191	DI49_2415; DI49_4854; DI49_4465; DI49_1043; DI49_2299; DI49_0191	SPGP0CWtrna4T; SPGP0Jtrna1T; SPGP0Jtrna3T; SPGP0Mtrna5T; SPGP0Utrna7T; SPGP0Xtrna10T; SPGP0X01490; SPGP0AJ00210; SPGP0AJtrna17T
DI49_4852; DI49_4853	DI49_4852; DI49_4853	
DI49_4850; DI49_4851	DI49_4850; DI49_4851	
DI49_4848; DI49_4849	DI49_4848; DI49_4849	
DI49_4846; DI49_4847	DI49_4846; DI49_4847	
DI49_4844; DI49_4845	DI49_4844; DI49_4845	
DI49_4842; DI49_4843	DI49_4842; DI49_4843	
DI49_4837; DI49_4838	DI49_4837; DI49_4838	
DI49_4835; DI49_4836	DI49_4835; DI49_4836	
DI49_4833; DI49_4834	DI49_4833; DI49_4834	
DI49_4831; DI49_4832	DI49_4831; DI49_4832	
DI49_4829; DI49_4830	DI49_4829; DI49_4830	
DI49_4827; DI49_4828	DI49_4827; DI49_4828	
SPGP0CWtrna1H; DI49_4134; DI49_4824; SPGP0CXtrna3H; DI49_1876; DI49_1538; DI49_3305	DI49_4134; DI49_4824; DI49_1876; DI49_1538; DI49_3305	SPGP0CWtrna1H; SPGP0CXtrna3H
DI49_4822; DI49_4823	DI49_4822; DI49_4823	
DI49_4820; DI49_4821	DI49_4820; DI49_4821	
DI49_4818; DI49_4819	DI49_4818; DI49_4819	
DI49_4816; DI49_4817	DI49_4816; DI49_4817	
SPGP0CW03590; DI49_3489; DI49_4814; SPGP0AA01990	DI49_3489; DI49_4814	SPGP0CW03590; SPGP0AA01990
DI49_4812; DI49_4813	DI49_4812; DI49_4813	
DI49_4810; DI49_4811	DI49_4810; DI49_4811	
DI49_4808; DI49_4809	DI49_4808; DI49_4809	
YGL221C; YGL222C		YGL221C; YGL222C
YGL219C; YGL220W		YGL219C; YGL220W
YGL215W; YGL216W		YGL215W; YGL216W
YGL212W; YGL213C		YGL212W; YGL213C
YGL210W; YGL211W		YGL210W; YGL211W
YGL208W; YGL209W		YGL208W; YGL209W
YGL206C; YGL207W		YGL206C; YGL207W
SPGP0CXtrna2H; SPGP0Etrna8H; YGL203C; SPGP0Btrna6H;	SPGP0CXtrna2H; SPGP0Etrna8H; SPGP0Btrna6H	YGL203C; YKL067W

YKL067W			
YGL202W; SPGP0Etrna21K; SPGP0CXtrna4K; YKR074W		SPGP0Etrna21K; SPGP0CXtrna4K	YGL202W; YKR074W
YGL197W; YGL198W			YGL197W; YGL198W
YGL195W; YGL196W			YGL195W; YGL196W
YGL194C; YGL194C-A			YGL194C; YGL194C-A
YGL191W; YGL192W			YGL191W; YGL192W
YGL189C; DI49_1535; YGL187C; DI49_1536	DI49_1535; DI49_1536		YGL189C; YGL187C
YGL185C; YGL186C			YGL185C; YGL186C
YGL183C; YGL184C			YGL183C; YGL184C
YGL180W; YGL181W			YGL180W; YGL181W
YGL178W; YGL179C			YGL178W; YGL179C
YGL175C; YGL176C			YGL175C; YGL176C
YGL173C; YGL174W			YGL173C; YGL174W
DI49_1805; DI49_1804	DI49_1805; DI49_1804		
DI49_1810; DI49_1809	DI49_1810; DI49_1809		
DI49_1812; DI49_1811	DI49_1812; DI49_1811		
SPGP0CX00610; DI49_1813	DI49_1813	SPGP0CX00610	
DI49_1815; DI49_1814	DI49_1815; DI49_1814		
DI49_1817; DI49_1816	DI49_1817; DI49_1816		
DI49_1819; DI49_1818	DI49_1819; DI49_1818		
DI49_1821; DI49_1820; DI49_1928; DI49_1929	DI49_1821; DI49_1820; DI49_1928; DI49_1929		
DI49_1823; DI49_1822	DI49_1823; DI49_1822		
DI49_1825; DI49_1824	DI49_1825; DI49_1824		
DI49_1827; DI49_1826	DI49_1827; DI49_1826		
DI49_1829; DI49_1828; DI49_4664; DI49_4663	DI49_1829; DI49_1828; DI49_4664; DI49_4663		
DI49_1831; DI49_1830	DI49_1831; DI49_1830		
DI49_1833; DI49_1832	DI49_1833; DI49_1832		
DI49_1835; DI49_1834	DI49_1835; DI49_1834		
DI49_1837; DI49_1836	DI49_1837; DI49_1836		
DI49_1839; DI49_1838	DI49_1839; DI49_1838		
DI49_1841; DI49_1840; DI49_5249; DI49_5248	DI49_1841; DI49_1840; DI49_5249; DI49_5248		
DI49_1843; DI49_1842	DI49_1843; DI49_1842		
DI49_1845; DI49_1844	DI49_1845; DI49_1844		
DI49_1847; DI49_1846	DI49_1847; DI49_1846		
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DI49_1851; DI49_1850	DI49_1851; DI49_1850		
DI49_1853; DI49_1852	DI49_1853; DI49_1852		
DI49_1855; DI49_1854	DI49_1855; DI49_1854		
DI49_1857; DI49_3006; SPGP0Ytrna5W; DI49_4142	DI49_1857; DI49_3006; DI49_4142	SPGP0Ytrna5W	
DI49_1859; DI49_1858	DI49_1859; DI49_1858		

DI49_1861; DI49_1860	DI49_1861; DI49_1860	
DI49_1863; DI49_1862	DI49_1863; DI49_1862	
DI49_1865; DI49_1864	DI49_1865; DI49_1864	
DI49_1867; DI49_1866	DI49_1867; DI49_1866	
DI49_1869; DI49_1868	DI49_1869; DI49_1868	
DI49_1871; DI49_1870	DI49_1871; DI49_1870	
DI49_1873; DI49_1872	DI49_1873; DI49_1872	
DI49_1878; DI49_1877	DI49_1878; DI49_1877	
DI49_1880; DI49_5287; SPGP0CXtrna2E; SPGP0Ktrna4E; DI49_1504; DI49_5286; DI49_2867; SPGP0GStrna9E; DI49_1991; SPGP0GZtrna10E; SPGP0Ttrna8E; SPGP0Xtrna12E; SPGP0Ytrna13E; DI49_4099; SPGP0Ctrna15E; SPGP0BEtrna16E; DI49_0731; SPGP0CMtrna17E; SPGP0CNtrna18E	DI49_1880; DI49_5287; DI49_1504; DI49_5286; DI49_2867; DI49_1991; DI49_4099; DI49_0731	SPGP0CXtrna2E; SPGP0Ktrna4E; SPGP0GStrna9E; SPGP0GZtrna10E; SPGP0Ttrna8E; SPGP0Xtrna12E; SPGP0Ytrna13E; SPGP0Ctrna15E; SPGP0BEtrna16E; SPGP0CMtrna17E; SPGP0CNtrna18E
DI49_1882; DI49_1881	DI49_1882; DI49_1881	
DI49_1883; SPGP0CX01270	DI49_1883	SPGP0CX01270
DI49_1885; DI49_1884	DI49_1885; DI49_1884	
DI49_1887; DI49_1886	DI49_1887; DI49_1886	
DI49_1889; DI49_1888	DI49_1889; DI49_1888	
DI49_1891; DI49_1890	DI49_1891; DI49_1890	
DI49_1893; DI49_1892	DI49_1893; DI49_1892	
DI49_1895; DI49_1894	DI49_1895; DI49_1894	
DI49_1897; DI49_1896	DI49_1897; DI49_1896	
DI49_1899; DI49_1898	DI49_1899; DI49_1898	
DI49_1901; DI49_1900	DI49_1901; DI49_1900	
DI49_1903; DI49_1902	DI49_1903; DI49_1902	
DI49_1905; DI49_1904	DI49_1905; DI49_1904	
DI49_1907; DI49_1244; DI49_1908; DI49_1243	DI49_1907; DI49_1244; DI49_1908; DI49_1243	
DI49_1909; SPGP0CX01550	DI49_1909	SPGP0CX01550
DI49_1911; DI49_1910	DI49_1911; DI49_1910	
DI49_1913; DI49_1912	DI49_1913; DI49_1912	
SPGP0CXtrna5R; DI49_4323; DI49_1917; SPGP0DAtrna6R; DI49_1385; SPGP0Xtrna11R; SPGP0Ytrna12R; DI49_4324; SPGP0AFtrna14R; DI49_2084; SPGP0AFtrna15R; DI49_2129; SPGP0Ftrna19R; SPGP0Ftrna20R; DI49_2981; SPGP0CMtrna23R; DI49_1112; SPGP0CNtrna24R; DI49_3226; DI49_0252	DI49_4323; DI49_1917; DI49_1385; DI49_4324; DI49_2084; DI49_2129; DI49_2981; DI49_1112; DI49_3226; DI49_0252	SPGP0CXtrna5R; SPGP0DAtrna6R; SPGP0Xtrna11R; SPGP0Ytrna12R; SPGP0AFtrna14R; SPGP0AFtrna15R; SPGP0Ftrna19R; SPGP0Ftrna20R; SPGP0CMtrna23R; SPGP0CNtrna24R
DI49_1919; DI49_1918	DI49_1919; DI49_1918	
DI49_1924; DI49_1923	DI49_1924; DI49_1923	
DI49_1926; DI49_1925	DI49_1926; DI49_1925	
DI49_1931; DI49_1930	DI49_1931; DI49_1930	
SPGP0CX01760; DI49_1932	DI49_1932	SPGP0CX01760
DI49_1934; DI49_5687; SPGP0Jtrna4L; DI49_4787; SPGP0Atrna2L; YJL006C; SPGP0Ttrna10L; YKL189W;	DI49_1934; DI49_5687; DI49_4787; DI49_1084; DI49_3191; DI49_0231; DI49_3915	SPGP0Jtrna4L; SPGP0Atrna2L; SPGP0Ttrna10L; SPGP0IStrna13L; SPGP0Dtrna16L; SPGP0CNtrna24L	YJL006C; YKL189W

SPGP0IStrna13L; DI49_1084; SPGP0Dtrna16L; SPGP0CNtrna24L; DI49_3191; DI49_0231; DI49_3915			
DI49_1936; DI49_2112; SPGP0CX01800; DI49_2113	DI49_1936; DI49_2112; DI49_2113	SPGP0CX01800	
DI49_1939; DI49_5486; DI49_1940; SPGP0GTtrna5F; YPR002W; SPGP0AT00300	DI49_1939; DI49_5486; DI49_1940	SPGP0GTtrna5F; SPGP0AT00300	YPR002W
DI49_1942; DI49_1941	DI49_1942; DI49_1941		
DI49_1944; DI49_1943	DI49_1944; DI49_1943		
DI49_1946; DI49_1945	DI49_1946; DI49_1945		
DI49_1948; DI49_1947	DI49_1948; DI49_1947		
DI49_1950; DI49_1949	DI49_1950; DI49_1949		
DI49_1952; DI49_1951	DI49_1952; DI49_1951		
DI49_1954; DI49_1953	DI49_1954; DI49_1953		
DI49_1956; DI49_1955	DI49_1956; DI49_1955		
DI49_1958; DI49_1957	DI49_1958; DI49_1957		
DI49_1960; DI49_1959; DI49_5422; DI49_5421	DI49_1960; DI49_1959; DI49_5422; DI49_5421		
DI49_1962; DI49_1961	DI49_1962; DI49_1961		
DI49_1964; DI49_1963	DI49_1964; DI49_1963		
DI49_1966; DI49_1965	DI49_1966; DI49_1965		
DI49_1967; SPGP0CX02090	DI49_1967	SPGP0CX02090	
DI49_1969; DI49_1968	DI49_1969; DI49_1968		
DI49_1971; DI49_1970	DI49_1971; DI49_1970		
DI49_1973; DI49_1972	DI49_1973; DI49_1972		
DI49_1975; DI49_1974	DI49_1975; DI49_1974		
DI49_1977; DI49_1976	DI49_1977; DI49_1976		
DI49_1979; DI49_1978	DI49_1979; DI49_1978		
DI49_1981; DI49_1980	DI49_1981; DI49_1980		
DI49_1983; DI49_1982	DI49_1983; DI49_1982		
SPGP0CX02280; DI49_1984	DI49_1984	SPGP0CX02280	
YHR211W; YAL065C; YGR288W			YHR211W; YAL065C; YGR288W
DI49_1478; YER074W; DI49_1477; DI49_2715; YER073W; YIL069C	DI49_1478; DI49_1477; DI49_2715		YER074W; YER073W; YIL069C
DI49_1475; YER071C	DI49_1475		YER071C
DI49_1474; YER070W	DI49_1474		YER070W
DI49_1473; YER069W; DI49_1472; YER068W	DI49_1473; DI49_1472		YER069W; YER068W
SPGP0DA00180; DI49_1645; DI49_1644	DI49_1645; DI49_1644	SPGP0DA00180	
SPGP0DAtrna3S; DI49_5523; SPGP0Xtrna12S DI49_0808; DI49_0809; SPGP0Ctrna16S; SPGP0ATtrna20S; DI49_5524; DI49_1141	DI49_5523; DI49_0808; DI49_0809; DI49_5524; DI49_1141	SPGP0DAtrna3S; SPGP0Xtrna12S; SPGP0Ctrna16S; SPGP0ATtrna20S	
DI49_1469; YER065C	DI49_1469		YER065C
DI49_1468; YER064C; DI49_1467; YER063W	DI49_1468; DI49_1467		YER064C; YER063W
DI49_1465; YER061C	DI49_1465		YER061C
DI49_1464; DI49_1459; DI49_1463; YER056C; DI49_1458; YER060W; YER055C	DI49_1464; DI49_1459; DI49_1463; DI49_1458		YER056C; YER060W; YER055C

DI49_1462; YER059W; DI49_1461; YER058W	DI49_1462; DI49_1461		YER059W; YER058W
SPGP0DA00290; YER056C-A		SPGP0DA00290	YER056C-A
DI49_1456; YER053C-A	DI49_1456		YER053C-A
DI49_1455; YER053C	DI49_1455		YER053C
DI49_1454; YER052C; DI49_1453; YER051W	DI49_1454; DI49_1453		YER052C; YER051W
DI49_1451; YER049W; DI49_1450; YER048W-A	DI49_1451; DI49_1450		YER049W; YER048W-A
DI49_1448; YER048C; DI49_1447; YER047C	DI49_1448; DI49_1447		YER048C; YER047C
DI49_1445; DI49_1446	DI49_1445; DI49_1446		
DI49_1443; YER044C	DI49_1443		YER044C
DI49_1442; YER043C	DI49_1442		YER043C
DI49_1441; YER042W; DI49_1440; YER041W	DI49_1441; DI49_1440		YER042W; YER041W
DI49_1438; YER039C; DI49_1437; YER038C	DI49_1438; DI49_1437		YER039C; YER038C
DI49_1435; YER036C; DI49_1434; YER035W	DI49_1435; DI49_1434		YER036C; YER035W
DI49_1432; DI49_0132; DI49_1431; DI49_0133	DI49_1432; DI49_0132; DI49_1431; DI49_0133		
DI49_1429; DI49_1430; YER031C; YER030W	DI49_1429; DI49_1430		YER031C; YER030W
DI49_1427; DI49_1428	DI49_1427; DI49_1428		
DI49_1425; DI49_1426	DI49_1425; DI49_1426		
DI49_1423; YER025W	DI49_1423		YER025W
DI49_1422; YER024W; DI49_1421; YER023W	DI49_1422; DI49_1421		YER024W; YER023W
DI49_1419; YER021W	DI49_1419		YER021W
DI49_1418; YER020W; DI49_1416; YER019W	DI49_1418; DI49_1416		YER020W; YER019W
DI49_1414; YER017C; DI49_1413; YER016W	DI49_1414; DI49_1413		YER017C; YER016W
DI49_1411; DI49_1412; YPL282C; SPGP0AY00110; YFL020C; YAR023C	DI49_1411; DI49_1412	SPGP0AY00110	YPL282C; YFL020C; YAR023C
DI49_1409; YER013W; DI49_1408; YER012W	DI49_1409; DI49_1408		YER013W; YER012W
DI49_1406; DI49_2413; DI49_1405; YER011W; YER010C; DI49_2414; DI49_3279; DI49_3278	DI49_1406; DI49_2413; DI49_1405; DI49_2414; DI49_3279; DI49_3278		YER011W; YER010C
DI49_1403; YER008C; DI49_1402	DI49_1403; DI49_1402		YER008C
DI49_1400; DI49_1401; SPGP0B00820; YER007W	DI49_1400; DI49_1401	SPGP0B00820	YER007W
DI49_1399; YER005W; DI49_1398; YER004W	DI49_1399; DI49_1398		YER005W; YER004W
DI49_1396; DI49_1397	DI49_1396; DI49_1397		
DI49_1395; SPGP0DA00910	DI49_1395	SPGP0DA00910	
DI49_1393; DI49_1394	DI49_1393; DI49_1394		
DI49_1391; DI49_1392	DI49_1391; DI49_1392		
DI49_1389; YEL007W; DI49_1388	DI49_1389; DI49_1388		YEL007W
DI49_1383; YEL020W-A; DI49_1382	DI49_1383; DI49_1382		YEL020W-A
DI49_1380; DI49_1381	DI49_1380; DI49_1381		
DI49_1378; DI49_1379	DI49_1378; DI49_1379		
DI49_1376; YEL015W	DI49_1376		YEL015W
DI49_1375; YEL013W	DI49_1375		YEL013W
SPGP0DAtrna2Q; DI49_1374; SPGP0Btrna5Q; SPGP0CN00100	DI49_1374		SPGP0DAtrna2Q; SPGP0Btrna5Q; SPGP0CN00100

DI49_1373; YEL012W	DI49_1373	YEL012W
DI49_1372; YEL011W	DI49_1372	YEL011W
DI49_1370; YEL022W	DI49_1370	YEL022W
DI49_1369; YEL023C	DI49_1369	YEL023C
DI49_1368; YEL024W; DI49_1367; YEL025C	DI49_1368; DI49_1367	YEL024W; YEL025C
DI49_1365; YEL027W	DI49_1365	YEL027W
DI49_1361; YEL031W	DI49_1361	YEL031W
DI49_1360; YEL032W; DI49_0695	DI49_1360; DI49_0695	YEL032W
DI49_1358; YEL034W; YEL035C; DI49_3056	DI49_1358; DI49_3056	YEL034W; YEL035C
DI49_1357; YEL036C	DI49_1357	YEL036C
DI49_1356; YEL037C; DI49_1355; YEL038W	DI49_1356; DI49_1355	YEL037C; YEL038W
DI49_1353; DI49_1354	DI49_1353; DI49_1354	
DI49_1351; DI49_1352	DI49_1351; DI49_1352	
DI49_1349; DI49_1350	DI49_1349; DI49_1350	
DI49_1347; DI49_1348	DI49_1347; DI49_1348	
DI49_1345; DI49_3566; DI49_3565; DI49_3506	DI49_1345; DI49_3566; DI49_3565; DI49_3506	
SPGP0DAtrna5G; SPGP0CPtrna26G; DI49_1343; DI49_0764; SPGP0Atrna1G; YJR051W; SPGP0Atrna2G; DI49_0870; SPGP0Vtrna9G; DI49_2378; SPGP0Vtrna10G; DI49_5463; DI49_1672; SPGP0Z00210; SPGP0Btrna7G; YEL050C; SPGP0AFtrna16G; DI49_2140; DI49_2186; SPGP0ATtrna19G; DI49_5604; SPGP0Ftrna20G; SPGP0CBtrna22G; SPGP0CCtrna23G; DI49_0441	DI49_1343; DI49_0764; DI49_0870; DI49_2378; DI49_5463; DI49_1672; DI49_2140; DI49_2186; DI49_5604; DI49_0441	SPGP0DAtrna5G; SPGP0CPtrna26G; SPGP0Atrna1G; SPGP0Atrna2G; SPGP0Vtrna9G; SPGP0Vtrna10G; SPGP0Z00210; SPGP0Btrna7G; SPGP0AFtrna16G; SPGP0ATtrna19G; SPGP0Ftrna20G; SPGP0CBtrna22G; SPGP0CCtrna23G; YJR051W; YEL050C
DI49_1341; YEL052W	DI49_1341	YEL052W
DI49_1340; YEL053C	DI49_1340	YEL053C
DI49_1339; YEL054C; DI49_1338; YEL055C	DI49_1339; DI49_1338	YEL054C; YEL055C
DI49_1336; DI49_1337	DI49_1336; DI49_1337	
DI49_1334; DI49_1335	DI49_1334; DI49_1335	
DI49_1332; DI49_1333	DI49_1332; DI49_1333	
DI49_1330; DI49_1331	DI49_1330; DI49_1331	
DI49_1328; DI49_1329	DI49_1328; DI49_1329	
SPGP0DA01550; DI49_2618	DI49_2618	SPGP0DA01550
SPGP0DA01560; SPGP0F02990; DI49_1326; DI49_3166	DI49_1326; DI49_3166	SPGP0DA01560; SPGP0F02990
DI49_1324; DI49_1325	DI49_1324; DI49_1325	
DI49_1322; DI49_2621	DI49_1322; DI49_2621	
YDR345C; DI49_2500; DI49_0523; SPGP0HI00140; DI49_3960; DI49_2770; DI49_2771; YMR011W; DI49_2501; DI49_2502	DI49_2500; DI49_0523; DI49_3960; DI49_2770; DI49_2771; DI49_2501; DI49_2502	SPGP0HI00140	YDR345C; YMR011W
DI49_0525; DI49_0524	DI49_0525; DI49_0524	
DI49_0530; DI49_0529	DI49_0530; DI49_0529	
DI49_0532; DI49_0531	DI49_0532; DI49_0531	
DI49_0534; DI49_0533	DI49_0534; DI49_0533	
DI49_0536; DI49_0535	DI49_0536; DI49_0535	
DI49_0538; DI49_0537	DI49_0538; DI49_0537	

DI49_0543; DI49_0542	DI49_0543; DI49_0542		
SPGP0DB00310; DI49_0544	DI49_0544	SPGP0DB00310	
DI49_0546; DI49_0545	DI49_0546; DI49_0545		
DI49_0548; DI49_0547	DI49_0548; DI49_0547		
DI49_0550; DI49_0549	DI49_0550; DI49_0549		
DI49_0552; DI49_0551	DI49_0552; DI49_0551		
DI49_0554; DI49_0553	DI49_0554; DI49_0553		
DI49_0555; SPGP0DB00420	DI49_0555	SPGP0DB00420	
DI49_0557; DI49_0556	DI49_0557; DI49_0556		
SPGP0DB00470; SPGP0DB00460		SPGP0DB00470; SPGP0DB00460	
DI49_0559; DI49_0558; YDL130W; DI49_0942	DI49_0559; DI49_0558; DI49_0942		YDL130W
YNL018C; SPGP0I02840; YNL033W		SPGP0I02840	YNL018C; YNL033W
SPGP0DCtrna2I; SPGP0Itrna14I; SPGP0Jtrna1I; DI49_4719; SPGP0Ktrna3I; SPGP0K00610; SPGP0GGtrna4I; DI49_3947; SPGP0Xtrna5I; SPGP0Xtrna6I; DI49_2704; YER182W; SPGP0AGtrna11I; DI49_0796; SPGP0Ctrna8I; SPGP0Ctrna9I; YIL079C; DI49_5588; SPGP0ATtrna13I; DI49_5615; DI49_0301; SPGP0CPtrna17I; DI49_0165; DI49_3807	DI49_4719; DI49_3947; DI49_2704; DI49_0796; DI49_5588; DI49_5615; DI49_0301; DI49_0165; DI49_3807	SPGP0DCtrna2I; SPGP0Itrna14I; SPGP0Jtrna1I; SPGP0Ktrna3I; SPGP0K00610; SPGP0GGtrna4I; SPGP0Xtrna5I; SPGP0Xtrna6I; SPGP0AGtrna11I; SPGP0Ctrna8I; SPGP0Ctrna9I; SPGP0ATtrna13I; SPGP0CPtrna17I	YER182W; YIL079C
YNL016W; DI49_4721; YNL015W	DI49_4721		YNL016W; YNL015W
YNL012W; SPGP0J00890		SPGP0J00890	YNL012W
YNL011C; DI49_4724	DI49_4724		YNL011C
YNL010W; DI49_4725	DI49_4725		YNL010W
YNL009W; DI49_4726; YNL008C	DI49_4726		YNL009W; YNL008C
YNL006W; YNL007C; DI49_4728; DI49_4727	DI49_4728; DI49_4727		YNL006W; YNL007C
YNL004W; DI49_4731; DI49_4730	DI49_4731; DI49_4730		YNL004W
YNL003C; DI49_4732	DI49_4732		YNL003C
YNL002C; DI49_4733; YNL001W	DI49_4733		YNL002C; YNL001W
SPGP0DCtrna6P; DI49_4736; SPGP0Jtrna1P; DI49_0754	DI49_4736; DI49_0754	SPGP0DCtrna6P; SPGP0Jtrna1P	
YNL020C; DI49_4717; YNL021W	DI49_4717		YNL020C; YNL021W
YNL023C; DI49_4714	DI49_4714		YNL023C
YNL024C; DI49_4713; YNL024C-A	DI49_4713		YNL024C; YNL024C-A
YNL026W; YNL025C			YNL026W; YNL025C
YNL029C; YNL027W			YNL029C; YNL027W
YNL031C; DI49_4706; DI49_0190	DI49_4706; DI49_0190		YNL031C
YNL032W; DI49_4705; DI49_0462	DI49_4705; DI49_0462		YNL032W
DI49_0464; DI49_0463	DI49_0464; DI49_0463		
DI49_0466; DI49_0465	DI49_0466; DI49_0465		
DI49_0468; DI49_0467	DI49_0468; DI49_0467		
DI49_0470; DI49_0469	DI49_0470; DI49_0469		
DI49_0472; DI49_0471	DI49_0472; DI49_0471		
DI49_0474; DI49_0473	DI49_0474; DI49_0473		
DI49_0476; DI49_0475	DI49_0476; DI49_0475		

DI49_0478; DI49_0477	DI49_0478; DI49_0477		
DI49_0480; DI49_0479	DI49_0480; DI49_0479		
DI49_0482; DI49_0481	DI49_0482; DI49_0481		
DI49_0484; DI49_2588; DI49_0485	DI49_0484; DI49_2588; DI49_0485		
DI49_0487; DI49_0486	DI49_0487; DI49_0486		
DI49_0489; DI49_0488	DI49_0489; DI49_0488		
DI49_0491; DI49_0490; DI49_2469; DI49_2470	DI49_0491; DI49_0490; DI49_2469; DI49_2470		
DI49_0493; DI49_0492	DI49_0493; DI49_0492		
DI49_0495; SPGP0Itrna11F; DI49_0496	DI49_0495; DI49_0496	SPGP0Itrna11F	
DI49_0498; DI49_0497	DI49_0498; DI49_0497		
DI49_0500; DI49_0499	DI49_0500; DI49_0499		
DI49_0502; DI49_0501	DI49_0502; DI49_0501		
DI49_0504; DI49_0503	DI49_0504; DI49_0503		
DI49_0506; DI49_0505	DI49_0506; DI49_0505		
DI49_0508; DI49_0507	DI49_0508; DI49_0507		
DI49_0510; DI49_0509	DI49_0510; DI49_0509		
DI49_0512; DI49_0511	DI49_0512; DI49_0511		
DI49_0514; DI49_0513	DI49_0514; DI49_0513		
DI49_0516; DI49_0515	DI49_0516; DI49_0515		
DI49_0518; DI49_0517	DI49_0518; DI49_0517		
SPGP0DEtrna5S; DI49_2374; DI49_0521; SPGP0Vtrna11S; DI49_2373; DI49_1676; SPGP0Ztrna14S; DI49_3829	DI49_2374; DI49_0521; DI49_2373; DI49_1676; DI49_3829	SPGP0DEtrna5S; SPGP0Vtrna11S; SPGP0Ztrna14S	
DI49_4801; DI49_3161; DI49_4800; SPGP0F02930	DI49_4801; DI49_3161; DI49_4800	SPGP0F02930	
DI49_4798; DI49_4799	DI49_4798; DI49_4799		
SPGP0J00150; DI49_4797	DI49_4797	SPGP0J00150	
SPGP0J00170; DI49_4796	DI49_4796	SPGP0J00170	
DI49_4793; DI49_4794	DI49_4793; DI49_4794		
DI49_4791; DI49_4792; SPGP0D00260; YNR056C	DI49_4791; DI49_4792	SPGP0D00260	YNR056C
DI49_4789; SPGP0AE00380; DI49_3953; DI49_3952	DI49_4789; DI49_3953; DI49_3952	SPGP0AE00380	
SPGP0J00260; YNR053C		SPGP0J00260	YNR053C
DI49_4785; YNR052C; DI49_4784; YNR051C	DI49_4785; DI49_4784		YNR052C; YNR051C
DI49_4782; DI49_4783	DI49_4782; DI49_4783		
DI49_4780; YNR047W; DI49_4779; YNR046W	DI49_4780; DI49_4779		YNR047W; YNR046W
DI49_4777; DI49_4778	DI49_4777; DI49_4778		
DI49_4775; YNR041C; DI49_4774; YNR040W	DI49_4775; DI49_4774		YNR041C; YNR040W
DI49_4772; DI49_4773	DI49_4772; DI49_4773		
DI49_4770; DI49_4771	DI49_4770; DI49_4771		
DI49_4768; DI49_4769	DI49_4768; DI49_4769		
DI49_4766; DI49_4767	DI49_4766; DI49_4767		
DI49_4764; DI49_4765	DI49_4764; DI49_4765		
DI49_4762; YNR030W; DI49_4761; YNR029C	DI49_4762; DI49_4761		YNR030W; YNR029C

SPGP0J00530; DI49_4760	DI49_4760	SPGP0J00530
DI49_4758; DI49_4759	DI49_4758; DI49_4759	
DI49_4756; DI49_4757; DI49_4755	DI49_4756; DI49_4757; DI49_4755	
DI49_4753; DI49_4754	DI49_4753; DI49_4754	
DI49_4751; YNR016C; DI49_4750; YNR015W	DI49_4751; DI49_4750	YNR016C; YNR015W
DI49_4748; YNR013C	DI49_4748	YNR013C
DI49_4747; YNR012W	DI49_4747	YNR012W
DI49_4746; YNR011C; DI49_4745; YNR010W	DI49_4746; DI49_4745	YNR011C; YNR010W
DI49_4743; DI49_4744	DI49_4743; DI49_4744	
DI49_4741; DI49_4742	DI49_4741; DI49_4742	
DI49_4739; DI49_4740	DI49_4739; DI49_4740	
DI49_4735; YNR001C; DI49_4734	DI49_4735; DI49_4734	YNR001C
DI49_4723; YNL014W; DI49_4722; DI49_3760; DI49_3759	DI49_4723; DI49_4722; DI49_3760; DI49_3759	YNL014W
SPGP0J00970; DI49_0189; DI49_4708; DI49_0188	DI49_0189; DI49_4708; DI49_0188	SPGP0J00970
DI49_4710; DI49_4709	DI49_4710; DI49_4709	
DI49_4712; DI49_4711	DI49_4712; DI49_4711	
DI49_4715; YNL022C; DI49_4716	DI49_4715; DI49_4716	YNL022C
SPGP0Jtrna2P; DI49_4699; DI49_4698; SPGP0AMtrna14P	DI49_4699; DI49_4698	SPGP0Jtrna2P; SPGP0AMtrna14P
DI49_4696; DI49_0162; DI49_4695; DI49_0161	DI49_4696; DI49_0162; DI49_4695; DI49_0161	
DI49_4693; DI49_4694	DI49_4693; DI49_4694	
DI49_4691; DI49_4692	DI49_4691; DI49_4692	
DI49_4689; YNL041C; DI49_4688; YNL040W	DI49_4689; DI49_4688	YNL041C; YNL040W
DI49_4686; YNL044W; DI49_4685	DI49_4686; DI49_4685	YNL044W
DI49_4683; DI49_4684	DI49_4683; DI49_4684	
DI49_4681; YNL049C; DI49_4680	DI49_4681; DI49_4680	YNL049C
DI49_4678; DI49_4679	DI49_4678; DI49_4679	
DI49_4676; YNL054W; YNL053W	DI49_4676	YNL054W; YNL053W
DI49_4674; YNL055C; DI49_4673	DI49_4674; DI49_4673	YNL055C
DI49_4671; YNL059C; YNL058C	DI49_4671	YNL059C; YNL058C
DI49_4670; YNL061W	DI49_4670	YNL061W
DI49_4669; YNL062C; DI49_4668	DI49_4669; DI49_4668	YNL062C
DI49_4666; DI49_4667; YNL064C; YNL063W	DI49_4666; DI49_4667	YNL064C; YNL063W
DI49_4661; YNL070W	DI49_4661	YNL070W
DI49_4660; YNL071W; DI49_4659	DI49_4660; DI49_4659	YNL071W
DI49_4657; DI49_4658	DI49_4657; DI49_4658	
DI49_4655; DI49_4656	DI49_4655; DI49_4656	
DI49_4653; DI49_4654	DI49_4653; DI49_4654	
DI49_4651; YNL080C	DI49_4651	YNL080C
DI49_4650; YNL081C	DI49_4650	YNL081C

DI49_4649; YNL082W	DI49_4649	YNL082W
DI49_4648; YNL083W	DI49_4648	YNL083W
DI49_4647; YNL084C	DI49_4647	YNL084C
DI49_4646; YNL085W; DI49_4645	DI49_4646; DI49_4645	YNL085W
DI49_4643; YNL088W; DI49_4642; YNL087W	DI49_4643; DI49_4642	YNL088W; YNL087W
DI49_4640; DI49_4641; YNL091W; YNL090W	DI49_4640; DI49_4641	YNL091W; YNL090W
DI49_4638; YNL094W; DI49_4637; YNL093W	DI49_4638; DI49_4637	YNL094W; YNL093W
DI49_4635; SPGP0CXtrna7L	DI49_4635	SPGP0CXtrna7L
DI49_4634; YNL097C	DI49_4634	YNL097C
DI49_4633; YNL098C; DI49_4632	DI49_4633; DI49_4632	YNL098C
DI49_4630; YNL101W; YNL100W	DI49_4630	YNL101W; YNL100W
DI49_4629; YNL102W; DI49_4628	DI49_4629; DI49_4628	YNL102W
DI49_4626; YNL106C; DI49_4625	DI49_4626; DI49_4625	YNL106C
DI49_4623; YNL110C; YNL108C	DI49_4623	YNL110C; YNL108C
DI49_4622; YNL111C	DI49_4622	YNL111C
DI49_4619; YNL116W; YNL115C	DI49_4619	YNL116W; YNL115C
DI49_4618; YNL117W	DI49_4618	YNL117W
DI49_4617; YNL118C; DI49_4616	DI49_4617; DI49_4616	YNL118C
DI49_4614; YNL122C; YNL121C	DI49_4614	YNL122C; YNL121C
DI49_4613; YNL123W	DI49_4613	YNL123W
DI49_4612; YNL124W; DI49_4611	DI49_4612; DI49_4611	YNL124W
DI49_4609; YNL127W	DI49_4609	YNL127W
DI49_4608; YNL128W; DI49_4607	DI49_4608; DI49_4607	YNL128W
DI49_4605; YNL131W; YNL130C	DI49_4605	YNL131W; YNL130C
DI49_4604; YNL132W	DI49_4604	YNL132W
DI49_4603; DI49_2475; DI49_4602; SPGP0Ytrna6F; DI49_4131; DI49_2476	DI49_4603; DI49_2475; DI49_4602; DI49_4131; DI49_2476 SPGP0Ytrna6F	
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DI49_4599; YNL136W	DI49_4599	YNL136W
DI49_4598; YNL137C	DI49_4598	YNL137C
DI49_4597; YNL138W; DI49_4596	DI49_4597; DI49_4596	YNL138W
DI49_4594; DI49_4595	DI49_4594; DI49_4595	
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DI49_4590; DI49_4591	DI49_4590; DI49_4591	
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DI49_4582; DI49_4583; YNL154C; YNL153C	DI49_4582; DI49_4583	YNL154C; YNL153C
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DI49_4577; YNL160W; DI49_4576; DI49_0410; DI49_0409; YNL159C	DI49_4577; DI49_4576; DI49_0410; DI49_0409	YNL160W; YNL159C

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DI49_4569; DI49_4570	DI49_4569; DI49_4570		
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DI49_4556; YNL185C	DI49_4556		YNL185C
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DI49_4551; YNL190W	DI49_4551		YNL190W
DI49_4550; YNL191W	DI49_4550		YNL191W
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DI49_4520; YNL224C	DI49_4520		YNL224C
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DI49_4498; YNL249C	DI49_4498		YNL249C

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DI49_4458; YNL289W; DI49_4457	DI49_4458; DI49_4457	YNL289W
DI49_4455; YNL292W; YNL291C	DI49_4455	YNL292W; YNL291C
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DI49_4429; YNL322C	DI49_4429	YNL322C
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YER172C; YER173W			YER172C; YER173W
YER170W; YER171W			YER170W; YER171W
YER168C; YER169W			YER168C; YER169W
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DI49_5214; DI49_5215	DI49_5214; DI49_5215	

DI49_5212; DI49_2348; SPGP0V00500	DI49_5212; DI49_2348	SPGP0V00500	
SPGP0Ltrna3W; DI49_5211; DI49_5210; SPGP0GZtrna4W; DI49_1569; DI49_1311	DI49_5211; DI49_5210; DI49_1569; DI49_1311	SPGP0Ltrna3W; SPGP0GZtrna4W	
DI49_5208; DI49_5209	DI49_5208; DI49_5209		
DI49_5206; DI49_5207	DI49_5206; DI49_5207		
DI49_5204; DI49_5205	DI49_5204; DI49_5205		
DI49_5202; DI49_5203	DI49_5202; DI49_5203		
DI49_5201; SPGP0L02610	DI49_5201	SPGP0L02610	
DI49_5199; DI49_5200	DI49_5199; DI49_5200		
DI49_5197; YPL274W; DI49_5196; YPL273W	DI49_5197; DI49_5196		YPL274W; YPL273W
DI49_2242; YDR542W	DI49_2242		YDR542W
DI49_2244; DI49_2243	DI49_2244; DI49_2243		
DI49_2246; DI49_2245	DI49_2246; DI49_2245		
SPGP0EA00160; YJL221C; DI49_1318; SPGP0IF00120; DI49_0718	DI49_1318; DI49_0718	SPGP0EA00160; SPGP0IF00120	YJL221C
DI49_1316; DI49_1317	DI49_1316; DI49_1317		
DI49_1314; DI49_1315	DI49_1314; DI49_1315		
DI49_1312; DI49_1313	DI49_1312; DI49_1313		
DI49_0094; DI49_2609	DI49_0094; DI49_2609		
DI49_0092; DI49_0093	DI49_0092; DI49_0093		
DI49_0090; DI49_0091	DI49_0090; DI49_0091		
YAL067C; DI49_3158; SPGP0EH00100; DI49_3159	DI49_3158; DI49_3159	SPGP0EH00100	YAL067C
DI49_0696; DI49_0789	DI49_0696; DI49_0789		
DI49_2834; YJL198W; YJL199C; SPGP0AQ00110; DI49_0788	DI49_2834; DI49_0788	SPGP0AQ00110	YJL198W; YJL199C
DI49_2832; YJL200C	DI49_2832		YJL200C
DI49_2831; YJL201W; DI49_2830; YJL203W	DI49_2831; DI49_2830		YJL201W; YJL203W
SPGP0M00150; DI49_2829	DI49_2829	SPGP0M00150	
DI49_2828; YJL207C; DI49_2827; YJL208C	DI49_2828; DI49_2827		YJL207C; YJL208C
DI49_2825; DI49_2826	DI49_2825; DI49_2826		
SPGP0EJ00100; SPGP0AB00100; YGL241W; SPGP0BD00100; DI49_0740	DI49_0740	SPGP0EJ00100; SPGP0AB00100; SPGP0BD00100	YGL241W
YGL243W; YGL242C			YGL243W; YGL242C
YGL245W; YGL244W			YGL245W; YGL244W
YGL247W; YGL246C			YGL247W; YGL246C
YGL249W; YGL248W			YGL249W; YGL248W
YGL251C; YGL250W			YGL251C; YGL250W
YGL256W; YGL255W			YGL256W; YGL255W
DI49_1049; DI49_1048	DI49_1049; DI49_1048		
DI49_1051; DI49_1050	DI49_1051; DI49_1050		
DI49_1053; DI49_1052	DI49_1053; DI49_1052		
DI49_2835; DI49_1054	DI49_2835; DI49_1054		

DI49_2837; DI49_2836	DI49_2837; DI49_2836		
DI49_2839; DI49_2838	DI49_2839; DI49_2838		
DI49_2841; DI49_2840	DI49_2841; DI49_2840		
DI49_2843; DI49_2842	DI49_2843; DI49_2842		
DI49_2845; DI49_2844	DI49_2845; DI49_2844		
DI49_2847; DI49_2846	DI49_2847; DI49_2846		
DI49_2849; DI49_2848	DI49_2849; DI49_2848		
DI49_2851; DI49_2850	DI49_2851; DI49_2850		
DI49_2853; DI49_2852	DI49_2853; DI49_2852		
DI49_2855; DI49_2854	DI49_2855; DI49_2854		
DI49_2857; DI49_2856	DI49_2857; DI49_2856		
DI49_2859; DI49_2858	DI49_2859; DI49_2858		
DI49_2861; DI49_2860	DI49_2861; DI49_2860		
DI49_2863; DI49_2862	DI49_2863; DI49_2862		
DI49_2865; DI49_2864	DI49_2865; DI49_2864		
SPGP0EO00430; YKL164C; DI49_1479; YKL163W; SPGP0T00450	DI49_1479	SPGP0EO00430; SPGP0T00450	YKL164C; YKL163W
DI49_1484; DI49_1483	DI49_1484; DI49_1483		
DI49_1486; DI49_2710; DI49_1487; DI49_2711	DI49_1486; DI49_2710; DI49_1487; DI49_2711		
SPGP0ER00100; YGR289C		SPGP0ER00100	YGR289C
SPGP0EStrna7R; DI49_2410; DI49_1572; DI49_3638; DI49_2411; SPGP0Etrna17R; YKR027W; DI49_0285	DI49_2410; DI49_1572; DI49_3638; DI49_2411; DI49_0285	SPGP0EStrna7R; SPGP0Etrna17R	YKR027W
SPGP0ES00120; DI49_1573	DI49_1573	SPGP0ES00120	
YER165W; YER164W			YER165W; YER164W
YER167W; YER166W			YER167W; YER166W
DI49_0741; SPGP0EU00100	DI49_0741	SPGP0EU00100	
DI49_0079; SPGP0EW00100	DI49_0079	SPGP0EW00100	
DI49_5679; YEL071W; SPGP0FA00100; YEL072W	DI49_5679	SPGP0FA00100	YEL071W; YEL072W
YML045W-A; SPGP0FB00100		SPGP0FB00100	YML045W-A
DI49_2589; DI49_5686; SPGP0Ytrna11L; DI49_4208; DI49_2147; DI49_2148; DI49_0670; SPGP0Htrna22L; DI49_3381; SPGP0CUtrna29L; DI49_3756	DI49_2589; DI49_5686; DI49_4208; DI49_2147; DI49_2148; DI49_0670; DI49_3381; DI49_3756	SPGP0Ytrna11L; SPGP0Htrna22L; SPGP0CUtrna29L	
DI49_2591; DI49_2590	DI49_2591; DI49_2590		
DI49_2593; DI49_2592	DI49_2593; DI49_2592		
DI49_2595; DI49_2594	DI49_2595; DI49_2594		
DI49_2597; DI49_2596	DI49_2597; DI49_2596		
DI49_2599; DI49_2598	DI49_2599; DI49_2598		
DI49_2601; DI49_2600	DI49_2601; DI49_2600		
DI49_0779; DI49_2421; DI49_4357; DI49_4358; DI49_3679; SPGP0AJtrna8Q; DI49_2422; DI49_0359; DI49_0293; SPGP0CPtrna11Q; SPGP0CP02330	DI49_0779; DI49_2421; DI49_4357; DI49_4358; DI49_3679; DI49_2422; DI49_0359; DI49_0293	SPGP0AJtrna8Q; SPGP0CPtrna11Q; SPGP0CP02330	
DI49_0777; DI49_0778	DI49_0777; DI49_0778		
DI49_0775; DI49_0776	DI49_0775; DI49_0776		

DI49_0773; DI49_0774	DI49_0773; DI49_0774		
DI49_0771; DI49_0772	DI49_0771; DI49_0772		
SPGP0FH00100; SPGP0C00100; SPGP0FI00100; YGR294W; DI49_2391; SPGP0AI00320; DI49_2403	DI49_2391; DI49_2403	SPGP0FH00100; SPGP0C00100; SPGP0FI00100; SPGP0AI00320	YGR294W
SPGP0FI00120; SPGP0FI00110		SPGP0FI00120; SPGP0FI00110	
SPGP0FI00140; SPGP0FI00130		SPGP0FI00140; SPGP0FI00130	
DI49_0688; DI49_0689	DI49_0688; DI49_0689		
YGL225W; SPGP0FJ00100		SPGP0FJ00100	YGL225W
YGL223C; YGL224C			YGL223C; YGL224C
SPGP0FM00100; DI49_1553	DI49_1553	SPGP0FM00100	
SPGP0FO00100; DI49_3025; YJR009C	DI49_3025	SPGP0FO00100	YJR009C
DI49_0837; DI49_0836	DI49_0837; DI49_0836		
DI49_0714; DI49_0715	DI49_0714; DI49_0715		
DI49_0712; DI49_0713	DI49_0712; DI49_0713		
DI49_0710; DI49_0711	DI49_0710; DI49_0711		
DI49_0708; DI49_0709	DI49_0708; DI49_0709		
DI49_0706; DI49_0707	DI49_0706; DI49_0707		
DI49_0704; DI49_0705	DI49_0704; DI49_0705		
DI49_0702; DI49_0703	DI49_0702; DI49_0703		
DI49_0700; DI49_0701	DI49_0700; DI49_0701		
DI49_0699; SPGP0FP00260	DI49_0699	SPGP0FP00260	
YBR297W; SPGP0FP00280		SPGP0FP00280	YBR297W
SPGP0FR00100; YBR298C		SPGP0FR00100	YBR298C
DI49_1319; DI49_1320; YJL217W; YJL218W	DI49_1319; DI49_1320		YJL217W; YJL218W
YER184C; SPGP0FW00100		SPGP0FW00100	YER184C
YER186C; YER185W			YER186C; YER185W
SPGP0FY00140; YER188W; SPGP0GA00100; SPGP0GL00110		SPGP0FY00140; SPGP0GA00100; SPGP0GL00110	YER188W
DI49_0766; DI49_0767	DI49_0766; DI49_0767		
DI49_0762; DI49_0763	DI49_0762; DI49_0763		
DI49_0760; DI49_0761	DI49_0760; DI49_0761		
DI49_0758; DI49_0759	DI49_0758; DI49_0759		
YOR388C; DI49_0756	DI49_0756		YOR388C
DI49_0790; DI49_0791	DI49_0790; DI49_0791		
YBR012C; YCR097W			YBR012C; YCR097W
DI49_3950; DI49_3951	DI49_3950; DI49_3951		
DI49_3945; DI49_3946	DI49_3945; DI49_3946		
DI49_3943; DI49_4014; DI49_3942; DI49_4015	DI49_3943; DI49_4014; DI49_3942; DI49_4015		
DI49_3940; DI49_3941; DI49_4017; DI49_4018	DI49_3940; DI49_3941; DI49_4017; DI49_4018		
SPGP0GG00260; DI49_3939	DI49_3939	SPGP0GG00260	
SPGP0GG00280; DI49_3938	DI49_3938	SPGP0GG00280	
DI49_3936; DI49_3937	DI49_3936; DI49_3937		

DI49_3934; DI49_3935	DI49_3934; DI49_3935	
DI49_3932; DI49_3933	DI49_3932; DI49_3933	
DI49_3972; DI49_3971	DI49_3972; DI49_3971	
DI49_3974; DI49_3973	DI49_3974; DI49_3973	
DI49_3976; DI49_3975	DI49_3976; DI49_3975	
DI49_3978; DI49_3977	DI49_3978; DI49_3977	
DI49_3980; DI49_3979	DI49_3980; DI49_3979	
DI49_3982; DI49_3981	DI49_3982; DI49_3981	
DI49_3984; DI49_3983	DI49_3984; DI49_3983	
DI49_3986; DI49_3985	DI49_3986; DI49_3985	
DI49_3988; DI49_3987	DI49_3988; DI49_3987	
DI49_3990; DI49_3989	DI49_3990; DI49_3989	
DI49_3992; DI49_3991	DI49_3992; DI49_3991	
DI49_3993; SPGP0R00320	DI49_3993	SPGP0R00320
DI49_3995; DI49_3994	DI49_3995; DI49_3994	
DI49_3997; DI49_3996	DI49_3997; DI49_3996	
DI49_3999; DI49_3998	DI49_3999; DI49_3998	
DI49_4001; DI49_4000	DI49_4001; DI49_4000	
DI49_4003; DI49_4002	DI49_4003; DI49_4002	
DI49_4005; DI49_3969; DI49_4006; DI49_3970	DI49_4005; DI49_3969; DI49_4006; DI49_3970	
DI49_4008; DI49_4007	DI49_4008; DI49_4007	
DI49_4010; DI49_4009	DI49_4010; DI49_4009	
YML078W; DI49_4011	DI49_4011	YML078W
DI49_4013; DI49_4012	DI49_4013; DI49_4012	
SPGP0Rtrna8R; SPGP0Btrna9R; DI49_4021; SPGP0Atrna2R; SPGP0Atrna3R; SPGP0Ttrna10R	DI49_4021	SPGP0Rtrna8R; SPGP0Btrna9R; SPGP0Atrna2R; SPGP0Atrna3R; SPGP0Ttrna10R
DI49_4023; DI49_4022	DI49_4023; DI49_4022	
DI49_4025; DI49_4024	DI49_4025; DI49_4024	
DI49_4027; DI49_4026	DI49_4027; DI49_4026	
DI49_4029; DI49_4028	DI49_4029; DI49_4028	
DI49_4031; DI49_4030	DI49_4031; DI49_4030	
DI49_4033; DI49_4032	DI49_4033; DI49_4032	
DI49_4035; DI49_4034	DI49_4035; DI49_4034	
DI49_4036; SPGP0R00760	DI49_4036	SPGP0R00760
SPGP0Rtrna3Y; DI49_2382; DI49_4039; SPGP0Vtrna4Y; DI49_2381; DI49_4371; DI49_1687; DI49_1668; SPGP0Ftrna8Y; DI49_3070; DI49_0422	DI49_2382; DI49_4039; DI49_2381; DI49_4371; DI49_1687; DI49_1668; DI49_3070; DI49_0422	SPGP0Rtrna3Y; SPGP0Vtrna4Y; SPGP0Ftrna8Y
DI49_4041; DI49_4040	DI49_4041; DI49_4040	
DI49_4043; DI49_4042	DI49_4043; DI49_4042	
DI49_1555; DI49_1554	DI49_1555; DI49_1554	
DI49_1557; DI49_1556	DI49_1557; DI49_1556	

DI49_1562; DI49_1561	DI49_1562; DI49_1561	
DI49_1564; DI49_1563	DI49_1564; DI49_1563	
DI49_0752; DI49_0753	DI49_0752; DI49_0753	
DI49_0750; DI49_0751	DI49_0750; DI49_0751	
DI49_0748; DI49_0749	DI49_0748; DI49_0749	
DI49_0746; DI49_0747	DI49_0746; DI49_0747	
DI49_0744; SPGP0GJ00190	DI49_0744	SPGP0GJ00190
DI49_0742; DI49_0743	DI49_0742; DI49_0743	
DI49_3168; DI49_3167	DI49_3168; DI49_3167	
YKL215C; DI49_3169	DI49_3169	YKL215C
DI49_3171; DI49_3170	DI49_3171; DI49_3170	
DI49_3173; DI49_3172	DI49_3173; DI49_3172	
DI49_3175; DI49_3174	DI49_3175; DI49_3174	
DI49_0795; DI49_3176	DI49_0795; DI49_3176	
DI49_0793; DI49_0794	DI49_0793; DI49_0794	
DI49_5183; DI49_0792	DI49_5183; DI49_0792	
DI49_5181; DI49_5182	DI49_5181; DI49_5182	
DI49_5179; DI49_5180	DI49_5179; DI49_5180	
DI49_5177; DI49_5178	DI49_5177; DI49_5178	
DI49_0011; YAL051W; DI49_0012; YAL049C	DI49_0011; DI49_0012	YAL051W; YAL049C
DI49_0014; DI49_0013	DI49_0014; DI49_0013	
DI49_0016; DI49_0015	DI49_0016; DI49_0015	
DI49_0018; YAL043C	DI49_0018	YAL043C
DI49_0019; YAL042W	DI49_0019	YAL042W
DI49_0020; YAL041W	DI49_0020	YAL041W
DI49_0021; YAL040C; DI49_0022; YAL039C	DI49_0021; DI49_0022	YAL040C; YAL039C
DI49_0024; DI49_0023	DI49_0024; DI49_0023	
DI49_0026; YAL035W	DI49_0026	YAL035W
DI49_0027; YAL034W-A	DI49_0027	YAL034W-A
DI49_0028; YAL034C	DI49_0028	YAL034C
DI49_0029; YAL033W; DI49_0030; YAL032C	DI49_0029; DI49_0030	YAL033W; YAL032C
SPGP0S00320; DI49_0031	DI49_0031	SPGP0S00320
DI49_0033; DI49_0032	DI49_0033; DI49_0032	
DI49_0035; YAL026C; DI49_0036; YAL025C	DI49_0035; DI49_0036	YAL026C; YAL025C
DI49_0038; YAL023C	DI49_0038	YAL023C
DI49_0039; YAL022C	DI49_0039	YAL022C
DI49_0040; YAL021C	DI49_0040	YAL021C
DI49_0041; YAL020C	DI49_0041	YAL020C
DI49_0042; YAL019W; DI49_0043; YAL018C	DI49_0042; DI49_0043	YAL019W; YAL018C
DI49_0045; YAL016W; DI49_0046; YAL015C	DI49_0045; DI49_0046	YAL016W; YAL015C

SPGP0S00490; YAL013W	SPGP0S00490	YAL013W
DI49_0048; YAL012W	DI49_0048	YAL012W
DI49_0049; YAL011W; DI49_0050; YAL010C	DI49_0049; DI49_0050	YAL011W; YAL010C
DI49_0052; DI49_0051	DI49_0052; DI49_0051	
DI49_0055; DI49_3507	DI49_0055; DI49_3507	
DI49_0056; YAL003W; DI49_0057; YAL002W	DI49_0056; DI49_0057	YAL003W; YAL002W
DI49_0059; DI49_0058	DI49_0059; DI49_0058	
DI49_0061; YAR003W	DI49_0061	YAR003W
DI49_0062; YAR007C	DI49_0062	YAR007C
DI49_0063; YAR008W; DI49_0064	DI49_0063; DI49_0064	YAR008W
DI49_0066; DI49_0065	DI49_0066; DI49_0065	
DI49_0068; YAR014C	DI49_0068	YAR014C
DI49_0069; YAR015W; DI49_0070; YAR018C	DI49_0069; DI49_0070	YAR015W; YAR018C
DI49_0072; DI49_0071	DI49_0072; DI49_0071	
SPGP0S00740; SPGP0S00730	SPGP0S00740; SPGP0S00730	
DI49_0075; SPGP0AE00390	DI49_0075	SPGP0AE00390
SPGP0S00770; YAR035W	SPGP0S00770	YAR035W
DI49_0076; YAR042W; SPGP0CR00800	DI49_0076	SPGP0CR00800 YAR042W
DI49_0077; SPGP0A00100; SPGP0S00800; YJR150C; DI49_3472; SPGP0H00110	DI49_0077; DI49_3472	SPGP0A00100; SPGP0S00800; SPGP0H00110 YJR150C
YJR148W; YJR149W		YJR148W; YJR149W
YJR145C; DI49_2608; YJR144W; SPGP0F02840	DI49_2608	SPGP0F02840 YJR145C; YJR144W
YJR142W; YJR143C		YJR142W; YJR143C
YJR140C; YJR141W		YJR140C; YJR141W
YJR138W; DI49_3147	DI49_3147	YJR138W
YJR137C; DI49_3146	DI49_3146	YJR137C
YJR136C; DI49_3145; YJR135W-A	DI49_3145	YJR136C; YJR135W-A
YJR134C; DI49_3142; DI49_3143	DI49_3142; DI49_3143	YJR134C
YJR133W; DI49_3141	DI49_3141	YJR133W
YJR132W; DI49_3140; YJR131W	DI49_3140	YJR132W; YJR131W
YJR129C; YJR130C		YJR129C; YJR130C
YJR126C; YJR127C		YJR126C; YJR127C
YJR124C; DI49_3133	DI49_3133	YJR124C
YJR123W; DI49_3132; YJR122W	DI49_3132	YJR123W; YJR122W
YJR119C; DI49_3129	DI49_3129	YJR119C
YJR118C; DI49_3128	DI49_3128	YJR118C
YJR117W; DI49_3127; YJR116W	DI49_3127	YJR117W; YJR116W
YJR113C; YJR115W		YJR113C; YJR115W
YJR112W; YJR112W-A		YJR112W; YJR112W-A
YJR110W; DI49_3120	DI49_3120	YJR110W

YJR109C; DI49_3119; YJR108W	DI49_3119		YJR109C; YJR108W
YJR107W; DI49_3117; YJR106W; DI49_3118	DI49_3117; DI49_3118		YJR107W; YJR106W
YJR104C; DI49_3114; YJR103W	DI49_3114		YJR104C; YJR103W
YJR101W; YJR102C			YJR101W; YJR102C
YJR100C; DI49_3110; SPGP0Atrna1L; DI49_3111; SPGP0CUtrna30L	DI49_3110; DI49_3111	SPGP0Atrna1L; SPGP0CUtrna30L	YJR100C
YJR098C; DI49_3107; YJR097W; DI49_3108	DI49_3107; DI49_3108		YJR098C; YJR097W
YJR095W; DI49_3104; DI49_3105	DI49_3104; DI49_3105		YJR095W
YJR094W-A; DI49_3103; YJR094C; DI49_5500; DI49_5501	DI49_3103; DI49_5500; DI49_5501		YJR094W-A; YJR094C
YJR092W; YJR093C			YJR092W; YJR093C
YJR090C; DI49_3098; YJR089W	DI49_3098		YJR090C; YJR089W
YJR086W; YJR088C			YJR086W; YJR088C
YJR084W; YJR085C			YJR084W; YJR085C
YJR082C; YJR083C			YJR082C; YJR083C
YJR078W; YJR080C			YJR078W; YJR080C
YJR076C; DI49_3087	DI49_3087		YJR076C
YJR075W; DI49_3086; YJR074W	DI49_3086		YJR075W; YJR074W
YJR072C; YJR073C			YJR072C; YJR073C
YJR069C; DI49_3082	DI49_3082		YJR069C
YJR068W; DI49_3081; YJR067C	DI49_3081		YJR068W; YJR067C
YJR065C; DI49_3078	DI49_3078		YJR065C
YJR064W; DI49_3077; YJR063W	DI49_3077		YJR064W; YJR063W
YJR061W; YJR062C; DI49_3075; DI49_3076	DI49_3075; DI49_3076		YJR061W; YJR062C
YJR059W; DI49_3072; YJR058C; DI49_3073	DI49_3072; DI49_3073		YJR059W; YJR058C
SPGP0Atrna1Y; SPGP0Atrna2Y; YJR056C; YJL046W		SPGP0Atrna1Y; SPGP0Atrna2Y	YJR056C; YJL046W
YJR054W; DI49_3063; YJR053W	DI49_3063		YJR054W; YJR053W
YJR049C; YJR050W; DI49_3058; DI49_3059	DI49_3058; DI49_3059		YJR049C; YJR050W
YJR047C; DI49_3055	DI49_3055		YJR047C
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YJR046W; DI49_3053	DI49_3053		YJR046W
YJR045C; DI49_3052; YJR044C	DI49_3052		YJR045C; YJR044C
YJR041C; YJR042W			YJR041C; YJR042W
YJR039W; DI49_3045	DI49_3045		YJR039W
YJR036C; DI49_3044; YJR035W	DI49_3044		YJR036C; YJR035W
YJR033C; DI49_3041; DI49_3042	DI49_3041; DI49_3042		YJR033C
YJR032W; DI49_3040; YJR031C	DI49_3040		YJR032W; YJR031C
YJR025C; YJR030C			YJR025C; YJR030C
YJR022W; YJR024C			YJR022W; YJR024C
YJR019C; YJR021C; SPGP0BX00100		SPGP0BX00100	YJR019C; YJR021C
YJR016C; DI49_3032; YJR015W; DI49_3033	DI49_3032; DI49_3033		YJR016C; YJR015W
YJR013W; YJR012C			YJR013W; YJR012C

YJR011C; DI49_3028; YJR010C-A; DI49_3029	DI49_3028; DI49_3029		YJR011C; YJR010C-A
YJR008W; DI49_3024	DI49_3024		YJR008W
YJR007W; DI49_3023; YJR006W	DI49_3023		YJR007W; YJR006W
YJR005W; DI49_3020; DI49_3021	DI49_3020; DI49_3021		YJR005W
YJR004C; DI49_3019; YJR003C	DI49_3019		YJR004C; YJR003C
YJR001W; YJR002W			YJR001W; YJR002W
SPGP0A01510; SPGP0F01480; YJL002C; DI49_3016	DI49_3016	SPGP0A01510; SPGP0F01480	YJL002C
YJL004C; YJL003W			YJL004C; YJL003W
YJL008C; DI49_3008	DI49_3008		YJL008C
YJL010C; DI49_3007	DI49_3007		YJL010C
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YJL013C; YJL012C			YJL013C; YJL012C
YJL016W; YJL014W			YJL016W; YJL014W
YJL020C; YJL019W			YJL020C; YJL019W
YJL023C; DI49_2997; DI49_2998	DI49_2997; DI49_2998		YJL023C
YJL024C; DI49_2995; YJL025W	DI49_2995		YJL024C; YJL025W
YJL027C; YJL026W; DI49_2993; DI49_2994	DI49_2993; DI49_2994		YJL027C; YJL026W
YJL029C; YJL007C			YJL029C; YJL007C
YJL031C; YJL030W			YJL031C; YJL030W
YJL034W; DI49_2986; YJL035C	DI49_2986		YJL034W; YJL035C
YJL039C; DI49_2978; YJL041W	DI49_2978		YJL039C; YJL041W
YJL043W; YJL042W			YJL043W; YJL042W
YJL045W; YJL044C			YJL045W; YJL044C
YJL048C; YJL047C			YJL048C; YJL047C
YJL050W; DI49_2965; DI49_2966	DI49_2965; DI49_2966		YJL050W
YJL051W; DI49_2964	DI49_2964		YJL051W
YJL052W; DI49_2963; YJL053W	DI49_2963		YJL052W; YJL053W
YJL055W; YJL054W			YJL055W; YJL054W
YJL057C; YJL056C			YJL057C; YJL056C
YJL059W; DI49_2956	DI49_2956		YJL059W
YJL060W; DI49_2955; YJL061W	DI49_2955		YJL060W; YJL061W
YJL062W-A; DI49_2952; YJL063C	DI49_2952		YJL062W-A; YJL063C
YJL066C; YJL065C			YJL066C; YJL065C
YJL069C; YJL068C			YJL069C; YJL068C
YJL071W; DI49_2945	DI49_2945		YJL071W
YJL072C; DI49_2944; YJL073W	DI49_2944		YJL072C; YJL073W
YJL076W; YJL074C			YJL076W; YJL074C
YJL079C; DI49_2939; DI49_2940	DI49_2939; DI49_2940		YJL079C
YJL080C; DI49_2938	DI49_2938		YJL080C
YJL081C; DI49_2937	DI49_2937		YJL081C

YJL082W; DI49_2936	DI49_2936	YJL082W
YJL083W; DI49_2935	DI49_2935	YJL083W
YJL084C; SPGP0F00780	SPGP0F00780	YJL084C
YJL085W; DI49_2934; YJL087C	DI49_2934	YJL085W; YJL087C
YJL089W; DI49_2931; DI49_2932	DI49_2931; DI49_2932	YJL089W
YJL090C; DI49_2930	DI49_2930	YJL090C
YJL091C; DI49_2929	DI49_2929	YJL091C
YJL092W; DI49_2928; YJL093C	DI49_2928	YJL092W; YJL093C
YJL095W; DI49_2925; YJL096W; DI49_2926	DI49_2925; DI49_2926	YJL095W; YJL096W
YJL098W; DI49_2922; YJL099W; DI49_2923	DI49_2922; DI49_2923	YJL098W; YJL099W
YJL101C; DI49_2919; DI49_2920	DI49_2919; DI49_2920	YJL101C
SPGP0Atrna4R; DI49_2918; YJL102W	DI49_2918	SPGP0Atrna4R	YJL102W
YJL104W; DI49_2915; YJL105W; DI49_2916	DI49_2915; DI49_2916	YJL104W; YJL105W
YJL107C; DI49_2912; SPGP0F00570	DI49_2912	SPGP0F00570	YJL107C
YJL109C; DI49_2911; YJL110C	DI49_2911	YJL109C; YJL110C
YJL112W; DI49_2908	DI49_2908	YJL112W
YJL117W; YJL116C		YJL117W; YJL116C
YJL121C; YJL118W		YJL121C; YJL118W
YJL123C; YJL122W		YJL123C; YJL122W
YJL125C; DI49_2898; YJL126W; DI49_2899	DI49_2898; DI49_2899	YJL125C; YJL126W
YJL127C-B; DI49_2895; DI49_2896	DI49_2895; DI49_2896	YJL127C-B
YJL128C; DI49_2894	DI49_2894	YJL128C
YJL129C; DI49_2893	DI49_2893	YJL129C
YJL130C; DI49_2892	DI49_2892	YJL130C
YJL131C; DI49_2891	DI49_2891	YJL131C
YJL132W; SPGP0F00340	SPGP0F00340	YJL132W
YJL133W; DI49_2890	DI49_2890	YJL133W
YJL133C-A; DI49_2889; YJL134W	DI49_2889	YJL133C-A; YJL134W
YJL137C; YJL136C		YJL137C; YJL136C
DI49_2602; YJL138C	DI49_2602	YJL138C
DI49_2604; DI49_2603	DI49_2604; DI49_2603	
DI49_2606; DI49_2605	DI49_2606; DI49_2605	
DI49_1995; DI49_3843; SPGP0G00100; DI49_1996; DI49_3842	DI49_1995; DI49_3843; DI49_1996; DI49_3842	SPGP0G00100	
DI49_5455; DI49_5456	DI49_5455; DI49_5456	
DI49_5453; DI49_5454	DI49_5453; DI49_5454	
SPGP0GW00100; YER176W	SPGP0GW00100	YER176W
DI49_1565; R0020C	DI49_1565	R0020C
YNL284C-B; YGR161W-B; YKL201C; SPGP0B01370	SPGP0B01370	YNL284C-B; YGR161W-B; YKL201C
YKL197C; DI49_3184; DI49_3183	DI49_3184; DI49_3183	YKL197C
YKL196C; DI49_3186; YKL195W	DI49_3186	YKL196C; YKL195W

YKL193C; YKL194C; DI49_3187; SPGP0CN01130	DI49_3187	SPGP0CN01130	YKL193C; YKL194C
YKL191W; YKL192C			YKL191W; YKL192C
YKL187C; DI49_3195; YKL186C; DI49_3194	DI49_3195; DI49_3194		YKL187C; YKL186C
YKL184W; YKL185W			YKL184W; YKL185W
YKL182W; DI49_3200	DI49_3200		YKL182W
YKL181W; DI49_3201	DI49_3201		YKL181W
YKL180W; DI49_3202	DI49_3202		YKL180W
YKL179C; DI49_3203	DI49_3203		YKL179C
YKL178C; DI49_3204; YKL176C	DI49_3204		YKL178C; YKL176C
YKL174C; YKL175W			YKL174C; YKL175W
YKL172W; YKL173W			YKL172W; YKL173W
YKL170W; YKL171W			YKL170W; YKL171W
YKL167C; YKL168C			YKL167C; YKL168C
YKL165C; DI49_3215	DI49_3215		YKL165C
YKL161C; YKL162C			YKL161C; YKL162C
YKL159C; YKL160W			YKL159C; YKL160W
YKL156W; DI49_3224; YKL155C	DI49_3224		YKL156W; YKL155C
YKL152C; DI49_3228; YKL151C	DI49_3228		YKL152C; YKL151C
YKL149C; YKL150W			YKL149C; YKL150W
YKL146W; DI49_3233	DI49_3233		YKL146W
YKL145W; DI49_3234; YKL144C	DI49_3234		YKL145W; YKL144C
YKL142W; DI49_3237; YKL141W	DI49_3237		YKL142W; YKL141W
YKL139W; YKL140W			YKL139W; YKL140W
YKL138C; DI49_3242; YKL137W; DI49_3241	DI49_3242; DI49_3241		YKL138C; YKL137W
YKL134C; YKL135C; DI49_3244; DI49_3243	DI49_3244; DI49_3243		YKL134C; YKL135C
YKL132C; YKL133C			YKL132C; YKL133C
YKL129C; DI49_3249; YKL128C; DI49_3248	DI49_3249; DI49_3248		YKL129C; YKL128C
YKL126W; YKL127W			YKL126W; YKL127W
YKL124W; DI49_3255; YKL122C	DI49_3255		YKL124W; YKL122C
YKL120W; DI49_3258; YKL119C	DI49_3258		YKL120W; YKL119C
YKL114C; DI49_3263	DI49_3263		YKL114C
YKL113C; DI49_3264	DI49_3264		YKL113C
YKL112W; DI49_3265; YKL110C	DI49_3265		YKL112W; YKL110C
YKL108W; YKL109W			YKL108W; YKL109W
YKL106W; DI49_3270; YKL105C; DI49_3269	DI49_3270; DI49_3269		YKL106W; YKL105C
YKL103C; DI49_3273	DI49_3273		YKL103C
YKL101W; DI49_3274; YKL100C	DI49_3274		YKL101W; YKL100C
YKL098W; YKL099C; DI49_3276; DI49_3275	DI49_3276; DI49_3275		YKL098W; YKL099C
YKL095W; DI49_3280	DI49_3280		YKL095W

YKL094W; DI49_3281; YKL093W	DI49_3281	YKL094W; YKL093W
YKL091C; YKL092C; DI49_3283; DI49_3282	DI49_3283; DI49_3282	YKL091C; YKL092C
YKL089W; DI49_3286; DI49_3285	DI49_3286; DI49_3285	YKL089W
YKL088W; DI49_3287; YKL087C	DI49_3287	YKL088W; YKL087C
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DI49_2279; DI49_2280	DI49_2279; DI49_2280	
DI49_2277; DI49_1607; YPL277C; YER177W	DI49_2277; DI49_1607	YPL277C; YER177W
YOR390W; YPL278C		YOR390W; YPL278C
YPL281C; YOR391C		YPL281C; YOR391C
DI49_0686; DI49_0687	DI49_0686; DI49_0687	
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SPGP0HW00170; DI49_0681	DI49_0681	SPGP0HW00170
SPGP0HW00190; DI49_0680	DI49_0680	SPGP0HW00190
YGL236C; DI49_0679	DI49_0679	YGL236C
YGL238W; YGL237C		YGL238W; YGL237C
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SPGP0IH00170; DI49_3481	DI49_3481	SPGP0IH00170
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DI49_2625; YIL161W	DI49_2625		YIL161W
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DI49_2627; YIL159W; DI49_2628; YIL158W	DI49_2627; DI49_2628		YIL159W; YIL158W
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DI49_2636; YIL151C	DI49_2636		YIL151C
DI49_2637; YIL150C	DI49_2637		YIL150C
DI49_2638; YIL149C; SPGP0C00300	DI49_2638	SPGP0C00300	YIL149C
DI49_2639; YKR094C; SPGP0H00210; DI49_3686; DI49_3685	DI49_2639; DI49_3686; DI49_3685	SPGP0H00210	YKR094C
DI49_2640; YIL147C	DI49_2640		YIL147C
DI49_2641; YIL146C; DI49_2642; YIL145C	DI49_2641; DI49_2642		YIL146C; YIL145C
DI49_2644; YIL143C	DI49_2644		YIL143C
DI49_2645; YIL142W; DI49_2646; YIL140W	DI49_2645; DI49_2646		YIL142W; YIL140W
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DI49_2661; YIL125W	DI49_2661		YIL125W
DI49_2662; YIL124W	DI49_2662		YIL124W
DI49_2663; YIL123W	DI49_2663		YIL123W
DI49_2664; YIL122W; DI49_2665; YIL121W	DI49_2664; DI49_2665		YIL122W; YIL121W
DI49_2667; DI49_2666	DI49_2667; DI49_2666		
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DI49_2674; DI49_2673	DI49_2674; DI49_2673		
DI49_2675; YIL110W	DI49_2675		YIL110W
DI49_2676; YIL109C	DI49_2676		YIL109C

DI49_2677; YIL108W	DI49_2677		YIL108W
DI49_2678; YIL107C; DI49_2679; YIL106W	DI49_2678; DI49_2679		YIL107C; YIL106W
DI49_2681; DI49_2680	DI49_2681; DI49_2680		
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DI49_2688; DI49_2687	DI49_2688; DI49_2687		
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DI49_2692; YIL094C	DI49_2692		YIL094C
DI49_2693; YIL093C; DI49_2694; YIL092W	DI49_2693; DI49_2694		YIL093C; YIL092W
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DI49_2706; YIL077C; YIL076W	DI49_2706		YIL077C; YIL076W
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DI49_2721; YIL062C; DI49_2722; YIL061C	DI49_2721; DI49_2722		YIL062C; YIL061C
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DI49_2727; YIL053W	DI49_2727		YIL053W
SPGP0X01140; YIL052C		SPGP0X01140	YIL052C
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DI49_2732; YIL047C	DI49_2732		YIL047C
DI49_2733; YIL046W	DI49_2733		YIL046W
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DI49_2741; YIL038C; DI49_2742; YIL037C	DI49_2741; DI49_2742		YIL038C; YIL037C
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DI49_2745; YIL034C	DI49_2745		YIL034C
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DI49_2754; DI49_2753	DI49_2754; DI49_2753		
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DI49_2759; YIL018W; DI49_2760; YIL017C	DI49_2759; DI49_2760		YIL018W; YIL017C

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DI49_2775; DI49_2774	DI49_2775; DI49_2774		
DI49_2777; YIL002W-A	DI49_2777		YIL002W-A
DI49_2778; YIL002C; DI49_2779; YIL001W	DI49_2778; DI49_2779		YIL002C; YIL001W
DI49_2781; YIR002C; DI49_2782; YIR003W	DI49_2781; DI49_2782		YIR002C; YIR003W
DI49_2784; DI49_2783	DI49_2784; DI49_2783		
DI49_2787; YIR007W	DI49_2787		YIR007W
DI49_2788; YIR008C; DI49_2789; YIR009W	DI49_2788; DI49_2789		YIR008C; YIR009W
DI49_2791; YIR011C	DI49_2791		YIR011C
DI49_2792; YIR012W; DI49_2793; YIR013C	DI49_2792; DI49_2793		YIR012W; YIR013C
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DI49_2805; DI49_2804	DI49_2805; DI49_2804		
DI49_2807; YIR028W	DI49_2807		YIR028W
DI49_2808; YIR029W; DI49_2809; YIR030C	DI49_2808; DI49_2809		YIR029W; YIR030C
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YGL229C; YGL228W			YGL229C; YGL228W
YGL231C; YGL230C			YGL231C; YGL230C
YGL233W; YGL232W			YGL233W; YGL232W
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DI49_0082; SPGP0IRtrna12L	DI49_0082	SPGP0IRtrna12L	
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YMR315W; YMR314W		YMR315W; YMR314W
SPGP0IZ00370; YMR316W	SPGP0IZ00370	YMR316W
YMR318C; YMR317W		YMR318C; YMR317W
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DI49_3493; YLL039C	DI49_3493	YLL039C
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DI49_0839; YIL169C; YIL167W	DI49_0839	YIL169C; YIL167W
YER066W; YER067W		YER066W; YER067W
YER045C; YER046W		YER045C; YER046W
YER033C; YER034W		YER033C; YER034W
YER028C; YER029C		YER028C; YER029C
YER026C; YER027C		YER026C; YER027C
YER015W; SPGP0B00730	SPGP0B00730	YER015W
YER002W; YER003C		YER002W; YER003C
YEL001C; YER001W		YEL001C; YER001W
YEL003W; YEL002C		YEL003W; YEL002C
YEL005C; YEL004W		YEL005C; YEL004W
YEL009C; DI49_1387	DI49_1387	YEL009C
YEL016C; DI49_1377; YEL017W	DI49_1377	YEL016C; YEL017W
YEL018W; YEL017C-A		YEL018W; YEL017C-A
YEL020C; YEL019C		YEL020C; YEL019C
YEL021W; DI49_1384	DI49_1384	YEL021W
YEL030W; DI49_1362	DI49_1362	YEL030W
YEL040W; YEL039C		YEL040W; YEL039C
YEL042W; YEL041W		YEL042W; YEL041W
YEL044W; YEL043W		YEL044W; YEL043W
YEL046C; YEL045C		YEL046C; YEL045C
YEL048C; YEL047C		YEL048C; YEL047C
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YEL059C-A; YEL058W		YEL059C-A; YEL058W
YEL061C; YEL060C		YEL061C; YEL060C
YEL063C; YEL062W		YEL063C; YEL062W
YEL065W; YEL064C		YEL065W; YEL064C
YEL069C; YNR074C; SPGP0B01560; YNR071C	SPGP0B01560	YEL069C; YNR074C; YNR071C
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YKL021C; DI49_3350	DI49_3350		YKL021C

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YKL018W; DI49_3354; YKL017C	DI49_3354		YKL018W; YKL017C
YKL015W; DI49_3357	DI49_3357		YKL015W
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YKL011C; YKL012W			YKL011C; YKL012W
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YKL001C; DI49_3372	DI49_3372		YKL001C
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YKR002W; DI49_3374; YKR003W	DI49_3374		YKR002W; YKR003W
YKR005C; YKR004C			YKR005C; YKR004C
YKR007W; YKR006C			YKR007W; YKR006C
YKR009C; YKR008W			YKR009C; YKR008W
YKR010C; DI49_3383; YKR011C	DI49_3383		YKR010C; YKR011C
YKR014C; DI49_3386; DI49_3385	DI49_3386; DI49_3385		YKR014C
YKR015C; DI49_3387	DI49_3387		YKR015C
YKR016W; DI49_3388; YKR017C	DI49_3388		YKR016W; YKR017C
YKR019C; DI49_3391; YKR020W	DI49_3391		YKR019C; YKR020W
YKR022C; YKR021W			YKR022C; YKR021W
YKR024C; DI49_3396; YKR025W	DI49_3396		YKR024C; YKR025W
YKR029C; DI49_3402; YKR030W	DI49_3402		YKR029C; YKR030W
YKR034W; DI49_3405	DI49_3405		YKR034W
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YKR038C; YKR037C			YKR038C; YKR037C
YKR039W; DI49_3411	DI49_3411		YKR039W
YKR044W; YKR043C; DI49_3415; DI49_3414	DI49_3415; DI49_3414		YKR044W; YKR043C
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YKR061W; DI49_3432	DI49_3432		YKR061W
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YKR082W; DI49_3452; YKR083C	DI49_3452		YKR082W; YKR083C
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YKR087C; YKR086W; DI49_3456; DI49_3455	DI49_3456; DI49_3455		YKR087C; YKR086W
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YKR091W; YKR090W			YKR091W; YKR090W
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DI49_2900; SPGP0F00440	DI49_2900	SPGP0F00440	
SPGP0F00470; DI49_2901	DI49_2901	SPGP0F00470	
DI49_2903; DI49_2902	DI49_2903; DI49_2902		
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DI49_2942; DI49_2941	DI49_2942; DI49_2941		
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DI49_3254; YKL125W; DI49_3253	DI49_3254; DI49_3253		YKL125W
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DI49_3239; DI49_3240	DI49_3239; DI49_3240		
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DI49_3232; YKL148C; DI49_3231	DI49_3232; DI49_3231		YKL148C
DI49_3229; DI49_3230	DI49_3229; DI49_3230		
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DI49_3221; DI49_3222	DI49_3221; DI49_3222		
DI49_3219; DI49_3220	DI49_3219; DI49_3220		

DI49_3217; DI49_3218	DI49_3217; DI49_3218		
DI49_3214; YKL166C; DI49_3213	DI49_3214; DI49_3213		YKL166C
DI49_3211; DI49_3212	DI49_3211; DI49_3212		
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DI49_3207; DI49_3208	DI49_3207; DI49_3208		
DI49_3205; DI49_3206	DI49_3205; DI49_3206		
DI49_3199; YKL183W; DI49_3198	DI49_3199; DI49_3198		YKL183W
DI49_3196; DI49_3197	DI49_3196; DI49_3197		
DI49_3189; DI49_3190	DI49_3189; DI49_3190		
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YAL030W; YAL031C		YAL030W; YAL031C
YAL028W; YAL029C		YAL028W; YAL029C
YAL008W; YAL009W		YAL008W; YAL009W
YOL013W-A; SPGP0Itrna16P; SPGP0Itrna15P; YNL042W; YNL035C	SPGP0Itrna16P; SPGP0Itrna15P	YOL013W-A; YNL042W; YNL035C
SPGP0CR00600; YAL001C	SPGP0CR00600	YAL001C
YAR002C-A; DI49_0060	DI49_0060	YAR002C-A
YAR027W; YAR028W; SPGP0CR00740; YAR031W; YAR033W	SPGP0CR00740	YAR027W; YAR028W; YAR031W; YAR033W
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YNL314W; YNL315C		YNL314W; YNL315C
YNL312W; YNL313C		YNL312W; YNL313C
YNL310C; YNL311C		YNL310C; YNL311C
YNL308C; YNL309W		YNL308C; YNL309W
YNL294C; YNL295W		YNL294C; YNL295W
YNL287W; DI49_4460; YNL286W	DI49_4460	YNL287W; YNL286W
YNL277W; YNL278W		YNL277W; YNL278W
YNL265C; DI49_4482; YNL264C	DI49_4482	YNL265C; YNL264C
YNL262W; DI49_4485; YNL261W	DI49_4485	YNL262W; YNL261W
YNL259C; YNL260C		YNL259C; YNL260C
YNL257C; YNL258C		YNL257C; YNL258C
YNL238W; YNL239W		YNL238W; YNL239W
YNL236W; YNL237W		YNL236W; YNL237W
YNL232W; DI49_4514; YNL231C	DI49_4514	YNL232W; YNL231C
YNL229C; YNL230C		YNL229C; YNL230C
YNL222W; DI49_4522; YNL221C	DI49_4522	YNL222W; YNL221C
YNL219C; YNL220W		YNL219C; YNL220W
YNL217W; YNL218W		YNL217W; YNL218W
YNL215W; YNL216W		YNL215W; YNL216W
YNL213C; YNL214W		YNL213C; YNL214W
YNL206C; DI49_4538; YNL204C	DI49_4538	YNL206C; YNL204C
YNL201C; DI49_4541; YNL200C	DI49_4541	YNL201C; YNL200C
YNL197C; YNL199C		YNL197C; YNL199C
YNL195C; YNL196C		YNL195C; YNL196C
YNL193W; YNL194C		YNL193W; YNL194C
YNL188W; DI49_4553; YNL187W	DI49_4553	YNL188W; YNL187W
YNL182C; DI49_4558; YNL181W	DI49_4558	YNL182C; YNL181W
YNL166C; YNL167C		YNL166C; YNL167C
YNL163C; DI49_4573; YNL162W-A	DI49_4573	YNL163C; YNL162W-A
YNL161W; YNL162W		YNL161W; YNL162W
YNL151C; YNL152W		YNL151C; YNL152W
YNL148C; YNL149C		YNL148C; YNL149C
YNL146W; YNL147W		YNL146W; YNL147W
YNL144C; YNL145W		YNL144C; YNL145W
YNL141W; YNL142W		YNL141W; YNL142W
YNL138W-A; YNL139C		YNL138W-A; YNL139C
YNL126W; DI49_4610; YNL125C	DI49_4610	YNL126W; YNL125C
SPGP0Itrna23L; DI49_1927	DI49_1927	SPGP0Itrna23L

YNL079C; DI49_4652; YNL078W	DI49_4652		YNL079C; YNL078W
YNL076W; YNL077W			YNL076W; YNL077W
YNL074C; YNL075W			YNL074C; YNL075W
YNL072W; YNL073W			YNL072W; YNL073W
SPGP0I02520; DI49_4662; YNL068C	DI49_4662	SPGP0I02520	YNL068C
YNL066W; YNL067W			YNL066W; YNL067W
YNL051W; YNL052W			YNL051W; YNL052W
YNL048W; DI49_4682; YNL047C	DI49_4682		YNL048W; YNL047C
YNL045W; YNL046W			YNL045W; YNL046W
YNL038W; YNL039W			YNL038W; YNL039W
YNL036W; YNL037C			YNL036W; YNL037C