

Overview

[genes alleles inherited from Saccharomyces eubayanus](#)
[genes alleles inherited from Saccharomyces cerevisiae](#)
[genes alleles below 80% identity](#)
[genes alleles copy with same identity in both parents](#)
[list of paralogs in Saccharomyces pastorianus CBS1513](#)

Sheet 1: genes alleles inherited from Saccharomyces eubayanus

<i>Saccharomyces pastorianus</i> CBS1513 predicted ORF	<i>Saccharomyces eubayanus</i> parental allele	Gene identities	Gene gaps
SPGP0U01640	XP_018218830.1	99	0
SPGP0W00160	XP_018223318.1	99	0
SPGP0EX00100	XP_018223869.1	99	0
SPGP0AH00300	XP_018222572.1	99	0
SPGP0CZ01880	XP_018221009.1	99	0
SPGP0CZ02780	XP_018221097.1	99	0
SPGP0N01210	XP_018220691.1	99	0
SPGP0Y00680	XP_018223941.1	99	0
SPGP0CZ02530	XP_018221073.1	99	0
SPGP0CZ01080	XP_018220933.1	99	0
SPGP0Y01020	XP_018223972.1	99	0
SPGP0U00470	XP_018218942.1	99	0
SPGP0Y01360	XP_018224005.1	99	0
SPGP0DU01760	XP_018220415.1	99	0
SPGP0DU01320	XP_018220458.1	99	0
SPGP0U00690	XP_018218923.1	99	0
SPGP0AC00640	XP_018219148.1	99	0
SPGP0BF00240	XP_018220394.1	99	0
SPGP0DZ01040	XP_018219443.1	99	0
SPGP0ET00140	XP_018218983.1	99	0
SPGP0BC00290	XP_018220825.1	99	0
SPGP0N01500	XP_018220664.1	99	0
SPGP0BC00120	XP_018220810.1	99	0
SPGP0U00490	XP_018218940.1	99	0
SPGP0DU01160	XP_018220474.1	100	0
SPGP0AC01070	XP_018219190.1	99	0
SPGP0DZ01250	XP_018219464.1	99	0
SPGP0EG00100	XP_018221945.1	99	0

SPGP0Y00730	XP_018223945.1	99	0
SPGP0DZ00920	XP_018219432.1	99	0
SPGP0CZ00210	XP_018220849.1	99	0
SPGP0DU01230	XP_018220467.1	99	0
SPGP0AC00670	XP_018219151.1	99	1
SPGP0DZ02270	XP_018219564.1	99	0
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SPGP0Q03560	XP_018222148.1	99	0
SPGP0CZ02520	XP_018221072.1	96	0
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SPGP0N01420	XP_018220671.1	100	0
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SPGP0AC01010	XP_018219184.1	99	0
SPGP0DU00790	XP_018220512.1	85	0
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SPGP0DX00150	XP_018219946.1	99	0
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SPGP0DU01360	XP_018220454.1	99	0
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SPGP0DX00360	XP_018219967.1	99	0
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SPGP0T00300	XP_018220358.1	99	0
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SPGP0E01710	XP_018222760.1	99	0
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SPGP0U01080	XP_018218884.1	99	0
SPGP0CZ02380	XP_018221058.1	99	0
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SPGP0DZ01820	XP_018219520.1	99	0
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SPGP0U01880	XP_018218806.1	99	0
SPGP0DU01590	XP_018220432.1	99	0
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SPGP0AC00340	XP_018219118.1	99	0
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SPGP0CZ00150	XP_018220844.1	99	0
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SPGP0DX00390	XP_018219970.1	99	0
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SPGP0EX00220	XP_018223881.1	99	0
SPGP0DU01050	XP_018220485.1	99	0
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SPGP0AC00390	XP_018219123.1	99	0
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SPGP0DZ01910	XP_018219527.1	99	0
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SPGP0CZ03110	XP_018221129.1	99	0
SPGP0CZ00870	XP_018220912.1	100	0
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SPGP0N01160	XP_018220696.1	99	0
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SPGP0CZ02100	XP_018221030.1	100	0
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SPGP0CZ01550	XP_018220979.1	99	0
SPGP0AA00610	XP_018223373.1	100	0
SPGP0AC00290	XP_018219113.1	99	0
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SPGP0Y00180	XP_018223896.1	99	0
SPGP0DU00440	XP_018220546.1	99	0
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SPGP0DU01260	XP_018220464.1	99	0
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SPGP0DZ02310	XP_018219568.1	99	0
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SPGP0CZ01240	XP_018220949.1	99	0
SPGP0EX00210	XP_018223880.1	99	0
SPGP0U01450	XP_018218848.1	99	1

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SPGP0Y01290	XP_018223998.1	99	0
SPGP0CZ01230	XP_018220948.1	99	0
SPGP0DU00540	XP_018220536.1	100	0
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SPGP0Y01330	XP_018224002.1	99	0
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SPGP0AA00390	XP_018223351.1	99	0
SPGP0S01920	XP_018220160.1	99	0
SPGP0W01640	XP_018223171.1	99	0
SPGP0DZ00480	XP_018219391.1	100	0
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SPGP0CZ02320	XP_018221052.1	99	0
SPGP0S00490	XP_018220296.1	99	0
SPGP0P02070	XP_018221753.1	99	0
SPGP0Q03520	XP_018222152.1	99	0
SPGP0AA00170	XP_018223330.1	99	0
SPGP0DN04080	XP_018223850.1	99	0
SPGP0Z00440	XP_018219839.1	99	0
SPGP0X00300	XP_018219071.1	100	0
SPGP0Z00830	XP_018219801.1	99	0
SPGP0DN00500	XP_018223498.1	99	0
SPGP0Z02050	XP_018219680.1	99	0
SPGP0DN00150	XP_018223465.1	99	0
SPGP0AH01060	XP_018222502.1	99	0
SPGP0P02410	XP_018221722.1	99	0

SPGP0Y00910	XP_018223961.1	99	0
SPGP0N01230	XP_018220690.1	99	0
SPGP0H00820	XP_018224055.1	99	0
SPGP0W04370	XP_018222912.1	99	0
SPGP0P01780	XP_018221782.1	99	0
SPGP0S00900	XP_018220255.1	99	0
SPGP0Q02460	XP_018222253.1	100	0
SPGP0Q01840	XP_018222314.1	99	0
SPGP0U01820	XP_018218812.1	99	0
SPGP0W00700	XP_018223263.1	99	0
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SPGP0L00930	XP_018219270.1	99	0
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SPGP0P02530	XP_018221710.1	99	0
SPGP0W01290	XP_018223205.1	99	0
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SPGP0N00260	XP_018220782.1	99	0
SPGP0Q02360	XP_018222263.1	99	0
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SPGP0P00190	XP_018221935.1	99	0
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SPGP0L00670	XP_018219296.1	99	0
SPGP0S01900	XP_018220162.1	99	0
SPGP0AF00160	XP_018221957.1	99	0
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SPGP0S00760	XP_018220269.1	99	0
SPGP0AH00580	XP_018222547.1	99	0
SPGP0DN00770	XP_018223523.1	99	0
SPGP0CZ01540	XP_018220978.1	99	0
SPGP0W01430	XP_018223191.1	99	0
SPGP0Q00240	XP_018222476.1	95	5
SPGP0Z01980	XP_018219687.1	99	0

SPGP0P02800	XP_018221683.1	99	0
SPGP0DU01500	XP_018220440.1	100	0
SPGP0W04090	XP_018222941.1	99	0
SPGP0DU00670	XP_018220524.1	99	0
SPGP0Y01730	XP_018224040.1	99	0
SPGP0Q03180	XP_018222184.1	99	0
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SPGP0AA00200	XP_018223333.1	99	0
SPGP0DU00370	XP_018220553.1	99	0
SPGP0P01270	XP_018221830.1	99	0
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SPGP0AH01100	XP_018222498.1	99	0
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SPGP0Z02300	XP_018219655.1	99	1
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SPGP0W02660	XP_018223073.1	99	0
SPGP0H00810	XP_018224056.1	99	0
SPGP0P00730	XP_018221883.1	99	0
SPGP0DX00190	XP_018219950.1	99	0
SPGP0B01830	XP_018221625.1	97	1
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SPGP0Z02910	XP_018219594.1	99	0
SPGP0E02460	XP_018222833.1	99	0
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SPGP0Q03480	XP_018222156.1	98	0
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SPGP0X00670	XP_018219035.1	100	0
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SPGP0DN00890	XP_018223535.1	99	0
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SPGP0S00720	XP_018220273.1	100	0
SPGP0DN02790	XP_018223723.1	99	0
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SPGP0DZ01360	XP_018219475.1	99	0
SPGP0W03550	XP_018222993.1	99	0
SPGP0Q04070	XP_018222098.1	99	0
SPGP0H00110	XP_018224122.1	99	0
SPGP0E00700	XP_018222660.1	99	0
SPGP0W03010	XP_018223040.1	99	0
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SPGP0Z00820	XP_018219802.1	99	0
SPGP0Q03710	XP_018222134.1	99	0
SPGP0R01120	XP_018221230.1	99	0
SPGP0Q03880	XP_018222117.1	99	0
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SPGP0X00530	XP_018219049.1	99	0
SPGP0Z00670	XP_018219817.1	99	0
SPGP0P02710	XP_018221692.1	99	0
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SPGP0E00180	XP_018222608.1	100	0
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SPGP0AF00120	XP_018221954.1	99	0
SPGP0P02760	XP_018221687.1	99	0
SPGP0R00360	XP_018221159.1	99	0
SPGP0Q03010	XP_018222200.1	98	1
SPGP0L01210	XP_018219243.1	100	0

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SPGP0E01440	XP_018222733.1	99	0
SPGP0L01510	XP_018219213.1	99	1
SPGP0AA00620	XP_018223374.1	99	0
SPGP0Z02610	XP_018219624.1	99	0
SPGP0EL00110	XP_018219092.1	99	0
SPGP0DV00290	XP_018219892.1	99	0
SPGP0S03370	XP_018220018.1	99	0
SPGP0W02260	XP_018223111.1	99	0
SPGP0AG00150	XP_018219934.1	99	0
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SPGP0X00510	XP_018219051.1	99	0
SPGP0E01980	XP_018222786.1	99	0
SPGP0CZ02890	XP_018221108.1	99	0
SPGP0Z01990	XP_018219686.1	100	0
SPGP0E01800	XP_018222768.1	99	0
SPGP0S01450	XP_018220203.1	99	1
SPGP0R01770	XP_018221294.1	99	0
SPGP0W04270	XP_018222923.1	99	0
SPGP0S03290	XP_018220026.1	99	0
SPGP0Y01620	XP_018224031.1	99	0
SPGP0DZ02250	XP_018219562.1	99	0
SPGP0R00660	XP_018221188.1	98	1
SPGP0CZ00800	XP_018220905.1	99	0
SPGP0Z02630	XP_018219622.1	99	0
SPGP0H00540	XP_018224082.1	99	0
SPGP0AC00630	XP_018219147.1	99	0
SPGP0L00950	XP_018219268.1	99	0
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SPGP0P02280	XP_018221735.1	99	0
SPGP0Q01400	XP_018222359.1	99	0
SPGP0R00190	XP_018221142.1	99	0
SPGP0L00750	XP_018219288.1	99	0
SPGP0P02630	XP_018221700.1	99	0
SPGP0W03680	XP_018222980.1	99	0

SPGP0W00940	XP_018223240.1	99	0
SPGP0Z03020	XP_018219583.1	99	0

Sheet 2: genes alleles inherited from *Saccharomyces cerevisiae*

<i>Saccharomyces pastorianus</i> CBS1513 predicted ORF	<i>Saccharomyces cerevisiae</i> parental allele	Gene identities	Gene gaps
SPGP0DC00130	YBL104C	99	0
SPGP0M03690	YNR061C	99	0
SPGP0F01340	YGR150C	99	0
SPGP0DD00220	YIL156W-B	99	0
SPGP0C00910	YDL153C	99	0
SPGP0AI00270	YHR196W	99	0
SPGP0AI00160	YHR206W	99	0
SPGP0I02270	YER146W	100	0
SPGP0I00710	YEL011W	99	0
SPGP0I01990	YER114C	99	0
SPGP0AE00480	YCL021W-A	99	0
SPGP0M03180	YNR010W	100	0
SPGP0F00680	YGR222W	99	0
SPGP0Q04720	YGL216W	100	0
SPGP0F00930	YGR196C	99	0
SPGP0C04580	YDR256C	99	0
SPGP0DB02690	YMR017W	99	0
SPGP0K00570	YOL112W	99	0
SPGP0D00480	YPR029C	99	0
SPGP0I01670	YER081W	100	0
SPGP0M01040	YNL227C	99	0
SPGP0F03010	YGL038C	99	0
SPGP0DB02290	YMR062C	99	0
SPGP0G01120	YJR046W	99	0
SPGP0DB03210	YML037C	99	0
SPGP0C05180	YDR320C-A	99	0
SPGP0Q05020	YGL249W	99	0
SPGP0DB01920	YMR101C	99	0
SPGP0D00280	YPR052C	99	0
SPGP0Q04990	YGL246C	99	0
SPGP0I00690	YEL013W	99	0
SPGP0K02500	YOR097C	99	0
SPGP0DC03010	YBR208C	99	0

SPGP0DB02740	YMR012W	99	0
SPGP0F01560	YGR126W	100	0
SPGP0V00490	YHL003C	99	0
SPGP0DB02030	YMR090W	99	0
SPGP0M01240	YNL206C	99	0
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SPGP0G01690	YJL026W	99	0
SPGP0D00560	YPR021C	99	0
SPGP0K01620	YOL003C	99	0
SPGP0V02000	YHR150W	99	0
SPGP0DC01260	YBR019C	99	0
SPGP0C03870	YDR175C	99	0
SPGP0DC02700	YBR175W	99	0
SPGP0AI00170	YHR205W	99	0
SPGP0DB02650	YMR021C	99	0
SPGP0K00420	YOL128C	99	0
SPGP0I02430	YER163C	99	0
SPGP0F01830	YGR096W	100	0
SPGP0M00580	YNL278W	99	0
SPGP0C02320	YDR006C	99	0
SPGP0F00260	YGR270W	99	0
SPGP0DB00520	YMR243C	99	0
SPGP0U01950	YPL243W	99	0
SPGP0C01450	YDL093W	99	0
SPGP0G00610	YJR100C	99	0
SPGP0K01560	YOL009C	99	0
SPGP0D00640	YPR011C	99	0
SPGP0DC01010	YBL008W	99	0
SPGP0DB01210	YMR175W	100	0
SPGP0V00390	YHL014C	99	0
SPGP0DB00460	YMR251W	99	0
SPGP0DD01500	YIL016W	99	0
SPGP0DB00290	YMR268C	99	0
SPGP0DB01170	YMR179W	99	0
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SPGP0C02610	YDR040C	98	0
SPGP0DB02340	YMR056C	99	0
SPGP0C01870	YDL048C	99	0
SPGP0M02160	YNL100W	100	0
SPGP0G02670	YJL136C	99	0

SPGP0V01180	YHR068W	99	0
SPGP0DD01750	YIR008C	99	0
SPGP0DD01270	YIL043C	99	0
SPGP0K01550	YOL010W	100	0
SPGP0V01630	YHR112C	99	0
SPGP0G02830	YJL155C	99	0
SPGP0M02350	YNL080C	99	0
SPGP0F01250	YGR161C	100	0
SPGP0M02820	YNL022C	100	0
SPGP0C01060	YDL135C	99	0
SPGP0DC03760	YBR288C	99	0
SPGP0M00730	YNL260C	100	0
SPGP0D00400	YPR036W-A	100	0
SPGP0DE00710	YAR002C-A	99	0
SPGP0V00320	YHL021C	99	0
SPGP0DE00240	YAL046C	99	0
SPGP0DE00200	YAL051W	99	0
SPGP0DC01100	YBR002C	99	0
SPGP0Q04510	YGL192W	99	0
SPGP0C00780	YDL168W	99	0
SPGP0F00110	YGR285C	99	0
SPGP0F01050	YGR183C	99	0
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SPGP0V01980	YHR148W	99	0
SPGP0V01450	YHR094C	99	0
SPGP0DE00650	YAL005C	99	0
SPGP0EA00120	YGR294W	97	0
SPGP0D00930	YPL018W	99	0
SPGP0K00980	YOL070C	99	0
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SPGP0C03030	YDR083W	99	0
SPGP0G00860	YJR073C	99	0
SPGP0C03740	YDR163W	99	0
SPGP0AE00830	YCR020C-A	99	0
SPGP0F02580	YGR009C	99	0
SPGP0DD00870	YIL091C	99	0
SPGP0C02940	YDR075W	100	0
SPGP0K01740	YOR010C	95	0
SPGP0M02020	YNL117W	99	0
SPGP0DC02030	YBR103W	99	0

SPGP0F03710	YGL119W	99	0
SPGP0I01380	YER054C	99	0
SPGP0DM00100	YHR211W	94	0
SPGP0DC03240	YBR235W	99	0
SPGP0V00580	YHR005C-A	99	0
SPGP0Q04860	YGL231C	100	0
SPGP0K01750	YOR011W	99	0
SPGP0K00320	YOL139C	99	0
SPGP0I02620	YER182W	99	0
SPGP0U02160	YPL264C	99	0
SPGP0I01460	YER061C	99	0
SPGP0K02470	YOR094W	100	0
SPGP0G03220	YJL199C	99	0
SPGP0C00210	YDL231C	99	0
SPGP0DD01260	YIL044C	99	0
SPGP0I02040	YER119C	99	0
SPGP0DB03170	YML032C	99	0
SPGP0DC03630	YBR274W	99	0
SPGP0K01810	YOR019W	99	0
SPGP0V00910	YHR039C	99	0
SPGP0DB00660	YMR229C	99	0
SPGP0C04140	YDR205W	99	0
SPGP0I00750	YEL005C	99	0
SPGP0M01670	YNL156C	99	0
SPGP0D00780	YPL003W	99	0
SPGP0K01690	YOR005C	99	0
SPGP0AE01260	YCR072C	99	0
SPGP0F00440	YGR249W	99	0
SPGP0AE01010	YCR038C	99	0
SPGP0I00720	YEL009C	99	0
SPGP0M00500	YNL287W	100	0
SPGP0C00340	YDL216C	99	0
SPGP0C03690	YDR158W	99	0
SPGP0G00420	YJR118C	99	0
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SPGP0DD00780	YIL101C	99	0
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SPGP0M01900	YNL130C	99	0
SPGP0M00860	YNL247W	99	0

SPGP0DC03070	YBR215W	99	0
SPGP0M01450	YNL181W	99	0
SPGP0DB03000	YML015C	99	0
SPGP0DD01080	YIL066C	99	0
SPGP0G03380	YJL217W	98	0
SPGP0C00290	YDL222C	99	0
SPGP0AE00110	YCL063W	99	0
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SPGP0DC03160	YBR227C	99	0
SPGP0I01800	YER093C-A	97	0
SPGP0D00190	YPR063C	100	0
SPGP0C03390	YDR123C	99	0
SPGP0DC02100	YBR110W	99	0
SPGP0K01610	YOL004W	99	0
SPGP0U02110	YPL258C	99	0
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SPGP0M00400	YNL298W	99	0
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SPGP0C03160	YDR098C	99	0
SPGP0G03280	YJL206C	99	0
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SPGP0M02100	YNL107W	100	0
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SPGP0DC01680	YBR064W	99	0
SPGP0C03480	YDR132C	99	0
SPGP0Q04760	YGL222C	99	0
SPGP0M03760	YNR070W	99	0
SPGP0I01250	YER044C	100	0
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SPGP0M02580	YNL055C	99	0
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SPGP0DC01850	YBR082C	99	0

SPGP0G02350	YJL100W	99	0
SPGP0V01010	YHR049W	99	0
SPGP0M00980	YNL234W	99	0
SPGP0DC01640	YBR059C	99	0
SPGP0K01270	YOL041C	100	0
SPGP0DE00680	YAL001C	99	0
SPGP0DC00660	YBL041W	99	0
SPGP0DC03030	YBR211C	99	0
SPGP0V02080	YHR158C	99	0
SPGP0I02330	YER152C	99	0
SPGP0F00870	YGR202C	99	0
SPGP0K00710	YOL098C	99	0
SPGP0G02490	YJL117W	99	0
SPGP0DC00890	YBL021C	100	0
SPGP0DB00400	YMR257C	99	0
SPGP0K02620	YOR111W	99	0
SPGP0K01190	YOL049W	99	0
SPGP0DE00320	YAL038W	99	0
SPGP0F01610	YGR121C	99	0
SPGP0I01300	YER048C	99	0
SPGP0G01320	YJR017C	99	0
SPGP0DC00780	YBL030C	99	0
SPGP0C01020	YDL140C	99	0
SPGP0V00170	YHL036W	99	0
SPGP0DC03180	YBR229C	99	0
SPGP0F03280	YGL070C	99	0
SPGP0C04230	YDR217C	99	0
SPGP0DC01720	YBR068C	99	0
SPGP0C00310	YDL219W	98	0
SPGP0DC03460	YBR256C	99	0
SPGP0F03720	YGL120C	99	0
SPGP0F02780	YGL013C	99	0
SPGP0G00790	YJR082C	99	0
SPGP0V01200	YHR070W	99	0
SPGP0AE00870	YCR024C	99	0
SPGP0DD00300	YIL149C	99	0
SPGP0DD01940	YIR028W	99	0
SPGP0I01230	YER042W	99	0
SPGP0V00380	YHL015W	99	0

SPGP0V00650	YHR012W	99	0
SPGP0V01380	YHR087W	100	0
SPGP0K01250	YOL043C	99	0
SPGP0F04040	YGL155W	99	0
SPGP0C03850	YDR173C	99	1
SPGP0Q04360	YGL174W	99	0
SPGP0Ctna18E	YDR278C	100	0
SPGP0DC00770	YBL031W	99	0
SPGP0D00790	YPL004C	99	0
SPGP0DZ01610	YOR302W	96	0
SPGP0F00740	YGR215W	100	0
SPGP0F01380	YGR146C	99	0
SPGP0DC02430	YBR148W	99	0
SPGP0I02220	YER141W	100	0
SPGP0G02510	YJL121C	99	0
SPGP0C04730	YDR273W	99	0
SPGP0F01070	YGR180C	99	0
SPGP0DB03130	YML028W	100	0
SPGP0DC03390	YBR250W	99	0
SPGP0DB00420	YMR255W	99	0
SPGP0M03300	YNR022C	100	0
SPGP0V01030	YHR051W	99	0
SPGP0I01760	YER090W	100	0
SPGP0C04250	YDR219C	99	0
SPGP0AI00400	YHR183W	99	0
SPGP0DB03400	YML059C	99	0
SPGP0F03420	YGL086W	99	0
SPGP0G02180	YJL082W	99	0
SPGP0C04500	YDR247W	99	0
SPGP0AE01140	YCR054C	99	0
SPGP0DB03440	YML063W	99	0
SPGP0F01570	YGR125W	99	0
SPGP0DD01490	YIL017C	99	0
SPGP0G00800	YJR080C	99	0
SPGP0G01340	YJR015W	100	0
SPGP0G00580	YJR103W	99	0
SPGP0AE00540	YCL011C	99	0
SPGP0F02390	YGR032W	99	0
SPGP0M03750	YNR069C	99	0
SPGP0DB02570	YMR029C	99	0

SPGP0D00700	YPR006C	99	0
SPGP0DC01570	YBR053C	99	0
SPGP0V00630	YHR010W	99	0
SPGP0C00930	YDL149W	99	0
SPGP0DB00870	YMR208W	99	0
SPGP0K01230	YOL045W	99	0
SPGP0C05070	YDR310C	99	0
SPGP0DB02940	YML009C	100	0
SPGP0M00490	YNL288W	99	0
SPGP0F04060	YGL157W	99	0
SPGP0DC02900	YBR197C	99	0
SPGP0K02490	YOR096W	99	1
SPGP0C01960	YDL039C	99	0
SPGP0DC00170	YBL099W	100	0
SPGP0G00750	YJR086W	99	0
SPGP0DW00100	YCR098C	99	0
SPGP0DC01510	YBR046C	99	0
SPGP0C02040	YDL027C	99	0
SPGP0M03320	YNR024W	100	0
SPGP0F03020	YGL039W	99	0
SPGP0DC00430	YBL068W	99	0
SPGP0DB01960	YMR097C	99	0
SPGP0M03580	YNR050C	99	0
SPGP0K00910	YOL077W-A	100	0
SPGP0DC02280	YBR131W	99	0
SPGP0I02610	YER180C-A	99	0
SPGP0DD00760	YIL102C-A	99	0
SPGP0AE00250	YCL048W	99	0
SPGP0AE01300	YCR075W-A	100	0
SPGP0C01000	YDL142C	99	0
SPGP0DC00190	YBL097W	99	0
SPGP0G01180	YJR040W	99	0
SPGP0K02810	YOR131C	99	0
SPGP0DB01980	YMR095C	99	0
SPGP0C04330	YDR228C	99	1
SPGP0I00130	YEL070W	99	0
SPGP0K01210	YOL047C	99	0
SPGP0DE00770	YAR018C	99	0
SPGP0DC01160	YBR008C	99	0
SPGP0F03360	YGL080W	99	0

SPGP0DC00600	YBL049W	100	0
SPGP0G02040	YJL063C	99	0
SPGP0G01460	YJR005W	99	0
SPGP0F00500	YGR243W	100	0
SPGP0C01490	YDL089W	99	0
SPGP0C04670	YDR265W	99	0
SPGP0DD00750	YIL103W	99	0
SPGP0AE01060	YCR044C	99	0
SPGP0AE00660	YCR004C	99	0
SPGP0C03240	YDR107C	99	0
SPGP0K02790	YOR129C	99	0
SPGP0C02840	YDR065W	99	0
SPGP0DC01430	YBR038W	99	0
SPGP0G01160	YJR042W	99	0
SPGP0I02000	YER115C	99	0
SPGP0M02800	YNL020C	99	0
SPGP0F02820	YGL017W	99	0
SPGP0DD01100	YIL064W	99	0
SPGP0C00950	YDL147W	99	0
SPGP0DB01610	YMR133W	99	0
SPGP0G01300	YJR021C	99	0
SPGP0DC02710	YBR176W	99	0
SPGP0M02120	YNL104C	99	0
SPGP0G00890	YJR069C	99	0
SPGP0DB03420	YML061C	99	0
SPGP0D00540	YPR023C	99	0
SPGP0G00630	YJR098C	99	0
SPGP0AE00640	YCR002C	99	0
SPGP0F02800	YGL015C	100	0
SPGP0DC02880	YBR195C	99	0
SPGP0C01510	YDL087C	99	0
SPGP0I02480	YER168C	99	0
SPGP0K00510	YOL119C	99	0
SPGP0I00170	YEL065W	99	0
SPGP0C02570	YDR034C	99	0

Sheet 3: *genes alleles below 80% identity*

Saccharomyces pastorianus CBS1513 predicted ORF
SPGP0CZ02750

Parental allele ID
YKR064W

Parent
Saccharomyces cerevisiae

Gene identities

Gene gaps

78 1

SPGP0DZ00590	YOR188W	<i>Saccharomyces cerevisiae</i>	79	2
SPGP0DZ00850	YOR219C	<i>Saccharomyces cerevisiae</i>	78	1
SPGP0Y01800	XP_018224047.1	<i>Saccharomyces eubayanus</i>	78	2

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

<i>Saccharomyces pastorianus</i> CBS1513 predicted ORF	Parental allele ID	Parent	Gene identities	Gene gaps
SPGP0ltna24l	YNL017C	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0ltna24l	DI49_5614	<i>Saccharomyces eubayanus</i>	100	0
SPGP0ltna36K	YDR445C	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0ltna36K	DI49_5468	<i>Saccharomyces eubayanus</i>	100	0
SPGP0ltna34R	YGR164W	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0ltna34R	DI49_4020	<i>Saccharomyces eubayanus</i>	100	0
SPGP0Ftna34G	YNL285W	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0Ftna34G	DI49_2297	<i>Saccharomyces eubayanus</i>	100	0
SPGP0Y01790	YDR531W	<i>Saccharomyces cerevisiae</i>	83	0
SPGP0Y01790	XP_018224046.1	<i>Saccharomyces eubayanus</i>	83	0
SPGP0AA00120	YCR039C	<i>Saccharomyces cerevisiae</i>	99	0
SPGP0AA00120	XP_018223412.1	<i>Saccharomyces eubayanus</i>	99	0
SPGP0AE01020	YCR096C	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0AE01020	XP_018223459.1	<i>Saccharomyces eubayanus</i>	100	0
SPGP0ltna37G	YPR159C-A	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0ltna37G	DI49_5603	<i>Saccharomyces eubayanus</i>	100	0
SPGP0Altna28T	YHR180W-A	<i>Saccharomyces cerevisiae</i>	100	0
SPGP0Altna28T	DI49_5553	<i>Saccharomyces eubayanus</i>	100	0

Sheet 5: list of paralogs in *Saccharomyces pastorianus* CBS1513

List of paralogs	<i>S. eubayanus</i> -like content	<i>S. pastorianus</i> content	<i>S. cerevisiae</i> -like content
DI49_1040; YDL014W; YDL013W SPGP0CY00100; SPGP0AJ00100; SPGP0CH00100; SPGP0BX00100; SPGP0BY00100 YER188W; SPGP0I02680; SPGP0CZ00110	DI49_1040	SPGP0CY00100; SPGP0AJ00100; SPGP0CH00100; SPGP0BX00100; SPGP0BY00100 SPGP0I02680; SPGP0CZ00110	YDL014W; YDL013W
DI49_3167; SPGP0CZ00120	DI49_3167	SPGP0CZ00120	
DI49_3169; DI49_3168	DI49_3169; DI49_3168		
DI49_3170; YKL215C	DI49_3170		YKL215C
DI49_3172; DI49_3171	DI49_3172; DI49_3171		
DI49_3174; DI49_3173	DI49_3174; DI49_3173		
DI49_3176; DI49_3175	DI49_3176; DI49_3175		

DI49_3178; DI49_3177	DI49_3178; DI49_3177	
YKL205W; DI49_3179	DI49_3179	YKL205W
DI49_3181; DI49_3079; DI49_3182; YJR066W; DI49_3080	DI49_3181; DI49_3079; DI49_3182; DI49_3080	YJR066W
DI49_3184; DI49_3183	DI49_3184; DI49_3183	
DI49_3186; DI49_5581; SPGP0Ktrna2N; YOL054W; SPGP0Ktrna3N; SPGP0DVtrna5N; DI49_4738; SPGP0Ltrna4N; SPGP0Mtrna6N; YNL284C; SPGP0Mtrna7N; YNR002C; SPGP0Qtrna9N; SPGP0AHtrna14N; DI49_1650; SPGP0BCtrna15N; DI49_3923	DI49_3186; DI49_5581; DI49_4738; DI49_1650; DI49_3923	SPGP0Ktrna2N; SPGP0Ktrna3N; SPGP0DVtrna5N; SPGP0Ltrna4N; SPGP0Mtrna6N; SPGP0Mtrna7N; SPGP0Qtrna9N; SPGP0AHtrna14N; SPGP0BCtrna15N YOL054W; YNL284C; YNR002C
DI49_3187; SPGP0CZ00330	DI49_3187	SPGP0CZ00330
DI49_3189; DI49_3188	DI49_3189; DI49_3188	
DI49_3191; DI49_3190	DI49_3191; DI49_3190	
DI49_3193; DI49_5687; SPGP0DCtrna4L; YBL107C; SPGP0DCtrna5L; SPGP0DNtrna7L; DI49_0082; SPGP0DN01610; SPGP0Mtrna11L; DI49_3917; SPGP0Qtrna19L; SPGP0Q03100; SPGP0Wtrna26L; SPGP0Ctrna30L; YJL006C	DI49_3193; DI49_5687; DI49_0082; DI49_3917	SPGP0DCtrna4L; SPGP0DCtrna5L; SPGP0DNtrna7L; SPGP0DN01610; SPGP0Mtrna11L; SPGP0Qtrna19L; SPGP0Q03100; SPGP0Wtrna26L; SPGP0Ctrna30L YBL107C; YJL006C
DI49_3195; DI49_3194	DI49_3195; DI49_3194	
DI49_3197; DI49_3196	DI49_3197; DI49_3196	
DI49_3199; DI49_3198	DI49_3199; DI49_3198	
DI49_3201; DI49_3200	DI49_3201; DI49_3200	
DI49_3203; DI49_3202	DI49_3203; DI49_3202	
DI49_3205; DI49_3204	DI49_3205; DI49_3204	
DI49_3207; DI49_3206	DI49_3207; DI49_3206	
DI49_3209; DI49_3208	DI49_3209; DI49_3208	
DI49_3211; DI49_3210	DI49_3211; DI49_3210	
DI49_3213; DI49_3212	DI49_3213; DI49_3212	
DI49_3215; DI49_3214	DI49_3215; DI49_3214	
DI49_3217; DI49_2869; DI49_3219; YJL158C; DI49_2870	DI49_3217; DI49_2869; DI49_3219; DI49_2870	YJL158C
DI49_3221; DI49_3220	DI49_3221; DI49_3220	
DI49_3223; DI49_3222	DI49_3223; DI49_3222	
DI49_3224; YKL157W	DI49_3224	YKL157W
DI49_3226; DI49_3225	DI49_3226; DI49_3225	
DI49_3228; DI49_4323; SPGP0DNtrna7R; SPGP0Qtrna12R; SPGP0Qtrna13R; DI49_2082; SPGP0Rtrna16R; SPGP0Rtrna17R; DI49_2981; SPGP0Strna19R; SPGP0Wtrna22R; SPGP0Btrna21R	DI49_3228; DI49_4323; DI49_2082; DI49_2981	SPGP0DNtrna7R; SPGP0Qtrna12R; SPGP0Qtrna13R; SPGP0Rtrna16R; SPGP0Rtrna17R; SPGP0Strna19R; SPGP0Wtrna22R; SPGP0Btrna21R
DI49_3230; DI49_3229	DI49_3230; DI49_3229	
DI49_3232; DI49_3231	DI49_3232; DI49_3231	
DI49_3234; DI49_3233	DI49_3234; DI49_3233	
DI49_3236; DI49_3235	DI49_3236; DI49_3235	
DI49_3238; DI49_3237	DI49_3238; DI49_3237	
DI49_3240; DI49_3239	DI49_3240; DI49_3239	
DI49_3242; DI49_3241	DI49_3242; DI49_3241	

DI49_3244; DI49_3243	DI49_3244; DI49_3243	
DI49_3246; DI49_3245	DI49_3246; DI49_3245	
DI49_3248; DI49_3247	DI49_3248; DI49_3247	
DI49_3250; DI49_3249	DI49_3250; DI49_3249	
DI49_3252; DI49_4193; DI49_3253; DI49_4192	DI49_3252; DI49_4193; DI49_3253; DI49_4192	
DI49_3255; DI49_3254	DI49_3255; DI49_3254	
DI49_3257; DI49_3256	DI49_3257; DI49_3256	
DI49_3259; DI49_3258	DI49_3259; DI49_3258	
DI49_3261; DI49_5601; DI49_3413; SPGP0DBtrna3A; YMR247C; SPGP0DBtrna4A; YMR023C; SPGP0Ntrna8A; DI49_3766; DI49_5416; SPGP0Ptrna10A; SPGP0Qtrna12A; SPGP0Rtrna13A; SPGP0R00980; SPGP0Strna14A; DI49_4332; SPGP0Strna15A; DI49_4110; SPGP0Vtrna16A; SPGP0Wtrna17A; DI49_1030; SPGP0ACtrna18A; DI49_1682; SPGP0Ftrna23A; YJL115W	DI49_3261; DI49_5601; DI49_3413; DI49_3766; DI49_5416; DI49_4332; DI49_4110; DI49_1030; DI49_1682	SPGP0DBtrna3A; SPGP0DBtrna4A; SPGP0Ntrna8A; SPGP0Ptrna10A; SPGP0Qtrna12A; SPGP0Rtrna13A; SPGP0R00980; SPGP0Strna14A; SPGP0Strna15A; SPGP0Vtrna16A; SPGP0Wtrna17A; SPGP0ACtrna18A; SPGP0Ftrna23A
DI49_3263; DI49_3262	DI49_3263; DI49_3262	YMR247C; YMR023C; YJL115W
DI49_3265; DI49_3264	DI49_3265; DI49_3264	
DI49_3267; DI49_3266	DI49_3267; DI49_3266	
DI49_3269; DI49_3268	DI49_3269; DI49_3268	
DI49_3271; DI49_3270	DI49_3271; DI49_3270	
DI49_3273; DI49_3272	DI49_3273; DI49_3272	
DI49_3275; DI49_3274	DI49_3275; DI49_3274	
DI49_3277; DI49_3276	DI49_3277; DI49_3276	
DI49_3279; DI49_1406; DI49_3280	DI49_3279; DI49_1406; DI49_3280	
DI49_3282; DI49_3281	DI49_3282; DI49_3281	
DI49_3284; DI49_3283	DI49_3284; DI49_3283	
DI49_3286; DI49_3285	DI49_3286; DI49_3285	
DI49_3288; DI49_3287	DI49_3288; DI49_3287	
DI49_3290; DI49_3289	DI49_3290; DI49_3289	
DI49_3292; DI49_3291	DI49_3292; DI49_3291	
DI49_3293; SPGP0CZ01360	DI49_3293	SPGP0CZ01360
DI49_3295; DI49_3294	DI49_3295; DI49_3294	
DI49_3297; DI49_3296	DI49_3297; DI49_3296	
DI49_3299; DI49_3298	DI49_3299; DI49_3298	
SPGP0CZtrna1W; DI49_5211; DI49_3302; DI49_2157; DI49_2156	DI49_5211; DI49_3302; DI49_2157; DI49_2156	SPGP0CZtrna1W
DI49_3304; DI49_4248; SPGP0CZtrna2V; DI49_3340; YMR163C; SPGP0DBtrna5V; YMR049C; SPGP0Ltrna9V; DI49_4839; DI49_5011; DI49_3781; SPGP0Qtrna12V; DI49_2123; SPGP0Qtrna13V; YGL226W; SPGP0Rtrna14V; DI49_4247; SPGP0Strna17V; DI49_4138; SPGP0Etrna25V; SPGP0Ftrna26V; YGR161C; DI49_1753; SPGP0Gtrna29V; YJL037W; SPGP0Itrna30V	DI49_3304; DI49_4248; DI49_3340; DI49_4839; DI49_5011; DI49_3781; DI49_2123; DI49_4247; DI49_4138; DI49_1753	SPGP0CZtrna2V; SPGP0DBtrna5V; SPGP0Ltrna9V; SPGP0Qtrna12V; SPGP0Qtrna13V; SPGP0Rtrna14V; SPGP0Strna17V; SPGP0Etrna25V; SPGP0Ftrna26V; SPGP0Gtrna29V; SPGP0Itrna30V
SPGP0CZtrna1H; DI49_4134; DI49_3307; SPGP0Ltrna3H; SPGP0Strna6H; SPGP0Etrna8H; DI49_1425; SPGP0Etrna9H; DI49_1538; DI49_1773	DI49_4134; DI49_3307; DI49_1425; DI49_1538; DI49_1773	YMR163C; YMR049C; YGL226W; YGR161C; YJL037W
		SPGP0CZtrna1H; SPGP0Ltrna3H; SPGP0Strna6H; SPGP0Etrna8H; SPGP0Etrna9H

DI49_3309; DI49_3308	DI49_3309; DI49_3308		
DI49_3311; DI49_3310	DI49_3311; DI49_3310		
DI49_3313; DI49_3312	DI49_3313; DI49_3312		
DI49_3315; DI49_3314	DI49_3315; DI49_3314		
DI49_3317; DI49_3316	DI49_3317; DI49_3316		
DI49_3319; DI49_3318	DI49_3319; DI49_3318		
DI49_3321; DI49_3320	DI49_3321; DI49_3320		
DI49_3323; DI49_3322	DI49_3323; DI49_3322		
SPGP0CZ01660; DI49_3324	DI49_3324	SPGP0CZ01660	
DI49_3326; DI49_3325	DI49_3326; DI49_3325		
DI49_3328; DI49_3327	DI49_3328; DI49_3327		
DI49_3330; DI49_3329	DI49_3330; DI49_3329		
DI49_3332; DI49_3331	DI49_3332; DI49_3331		
DI49_3334; DI49_3333	DI49_3334; DI49_3333		
DI49_3336; DI49_3335	DI49_3336; DI49_3335		
DI49_3337; SPGP0CZ01790	DI49_3337	SPGP0CZ01790	
DI49_3342; DI49_3341	DI49_3342; DI49_3341		
DI49_3344; DI49_3343	DI49_3344; DI49_3343		
DI49_3345; SPGP0CZ01870	DI49_3345	SPGP0CZ01870	
DI49_3347; DI49_3346	DI49_3347; DI49_3346		
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DI49_3351; DI49_3350	DI49_3351; DI49_3350		
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DI49_3363; DI49_3362	DI49_3363; DI49_3362		
SPGP0CZ02080; DI49_3364	DI49_3364	SPGP0CZ02080	
DI49_3366; DI49_3365	DI49_3366; DI49_3365		
DI49_3368; DI49_3367; DI49_4847; SPGP0V00510; YHR001W	DI49_3368; DI49_3367; DI49_4847	SPGP0V00510	YHR001W
DI49_3370; DI49_3369	DI49_3370; DI49_3369		
DI49_3372; DI49_3371	DI49_3372; DI49_3371		
DI49_3374; DI49_3373	DI49_3374; DI49_3373		
DI49_3376; DI49_3375	DI49_3376; DI49_3375		
DI49_3378; DI49_3377	DI49_3378; DI49_3377		
DI49_3380; DI49_3379	DI49_3380; DI49_3379		
SPGP0CZtrna2L; DI49_5686; DI49_3383; SPGP0Ntrna13L; DI49_3756; DI49_2147; SPGP0Rtrna22L; DI49_0670; SPGP0AAtRNA29L; SPGP0Ytrna27L; DI49_1719	DI49_5686; DI49_3383; DI49_3756; DI49_2147; DI49_0670; DI49_1719	SPGP0CZtrna2L; SPGP0Ntrna13L; SPGP0Rtrna22L; SPGP0AAtRNA29L; SPGP0Ytrna27L	
DI49_3385; DI49_3384	DI49_3385; DI49_3384		

DI49_3387; DI49_3386	DI49_3387; DI49_3386		
DI49_3389; DI49_3388	DI49_3389; DI49_3388		
DI49_3391; DI49_3390	DI49_3391; DI49_3390		
DI49_3393; DI49_3392	DI49_3393; DI49_3392		
DI49_3395; DI49_3394	DI49_3395; DI49_3394		
DI49_3397; DI49_3396	DI49_3397; DI49_3396		
SPGP0CZtrna2R; DI49_2410; DI49_3400; SPGP0DNtrna8R; SPGP0Ktrna6R; YOR008C; DI49_3638; SPGP0Ctrna24R; DI49_1572; YER161C	DI49_2410; DI49_3400; DI49_3638; DI49_1572	SPGP0CZtrna2R; SPGP0DNtrna8R; SPGP0Ktrna6R; SPGP0Ctrna24R	YOR008C; YER161C
DI49_3402; DI49_3401	DI49_3402; DI49_3401		
DI49_3404; DI49_3403	DI49_3404; DI49_3403		
DI49_3406; DI49_3405	DI49_3406; DI49_3405		
DI49_3408; DI49_3407	DI49_3408; DI49_3407		
SPGP0CZtrna1D; DI49_4675; DI49_3411; SPGP0DBtrna2D; SPGP0DCtrna3D; SPGP0DDtrna4D; YIL009W; SPGP0DNtrna7D; SPGP0Ktrna6D; YOR131C; SPGP0DUtrna9D; DI49_3664; SPGP0Mtrna10D; SPGP0Ntrna11D; DI49_3834; SPGP0Q02530; DI49_1985; SPGP0Rtrna15D; DI49_2973; SPGP0Rtrna16D; SPGP0Rtrna17D; DI49_3068; SPGP0Strna18D; SPGP0Wtrna21D; SPGP0Ztrna22D; SPGP0Btrna19D; SPGP0Ctrna23D; YDR059C; YGR029W; YGR023W; YJR055W; SPGP0Gtrna27D; SPGP0Gtrna28D	DI49_4675; DI49_3411; DI49_3664; DI49_3834; DI49_1985; DI49_2973; DI49_3068	SPGP0CZtrna1D; SPGP0DBtrna2D; SPGP0DCtrna3D; SPGP0DDtrna4D; SPGP0DNtrna7D; SPGP0Ktrna6D; SPGP0DUtrna9D; SPGP0Mtrna10D; SPGP0Ntrna11D; SPGP0Q02530; SPGP0Rtrna15D; SPGP0Rtrna16D; SPGP0Rtrna17D; SPGP0Strna18D; SPGP0Wtrna21D; SPGP0Ztrna22D; SPGP0Btrna19D; SPGP0Ctrna23D; SPGP0Gtrna27D; SPGP0Gtrna28D	YIL009W; YOR131C; YDR059C; YGR029W; YGR023W; YJR055W
DI49_3415; DI49_3414	DI49_3415; DI49_3414		
DI49_3417; DI49_3416	DI49_3417; DI49_3416		
DI49_3419; DI49_3418	DI49_3419; DI49_3418		
DI49_3421; DI49_3420	DI49_3421; DI49_3420		
DI49_3423; DI49_3422	DI49_3423; DI49_3422		
DI49_3425; DI49_3424	DI49_3425; DI49_3424		
DI49_3427; DI49_3426	DI49_3427; DI49_3426		
DI49_3429; DI49_3428	DI49_3429; DI49_3428		
DI49_3431; DI49_3430	DI49_3431; DI49_3430		
DI49_3433; DI49_3432	DI49_3433; DI49_3432		
SPGP0CZ02750; DI49_3434	DI49_3434	SPGP0CZ02750	
DI49_3436; DI49_3435	DI49_3436; DI49_3435		
DI49_3438; DI49_3437	DI49_3438; DI49_3437		
DI49_3440; DI49_3439	DI49_3440; DI49_3439		
DI49_3442; DI49_3441	DI49_3442; DI49_3441		
DI49_3444; DI49_5564; DI49_3876; SPGP0ACtrna21K; DI49_5565; DI49_1775	DI49_3444; DI49_5564; DI49_3876; DI49_5565; DI49_1775	SPGP0ACtrna21K	
DI49_3446; DI49_3445	DI49_3446; DI49_3445		
DI49_3448; DI49_3447	DI49_3448; DI49_3447		
DI49_3450; DI49_3449	DI49_3450; DI49_3449		
DI49_3452; DI49_3451	DI49_3452; DI49_3451		

DI49_3454; DI49_3453	DI49_3454; DI49_3453		
DI49_3456; DI49_3455	DI49_3456; DI49_3455		
DI49_3458; DI49_3457	DI49_3458; DI49_3457		
DI49_3460; DI49_3459	DI49_3460; DI49_3459		
DI49_3462; DI49_3461	DI49_3462; DI49_3461		
YKR094C; DI49_2639; DI49_3464; DI49_3686; DI49_3685; YLL039C; DI49_3494	DI49_2639; DI49_3464; DI49_3686; DI49_3685; DI49_3494		YKR094C; YLL039C
DI49_3466; DI49_3465	DI49_3466; DI49_3465		
DI49_3468; DI49_3467	DI49_3468; DI49_3467		
DI49_3470; DI49_3469	DI49_3470; DI49_3469		
SPGP0CZ03130; DI49_3471	DI49_3471	SPGP0CZ03130	
YMR287C; DI49_4374; YMR286W; DI49_4373	DI49_4374; DI49_4373		YMR287C; YMR286W
YMR284W; YMR285C			YMR284W; YMR285C
YMR283C; SPGP0Gtrna14Y; SPGP0DBtrna1Y; YJL046W		SPGP0Gtrna14Y; SPGP0DBtrna1Y	YMR283C; YJL046W
YMR281W; YMR282C			YMR281W; YMR282C
YMR279C; YMR280C			YMR279C; YMR280C
YMR277W; YMR278W			YMR277W; YMR278W
YMR275C; DI49_4361; YMR274C; DI49_4360	DI49_4361; DI49_4360		YMR275C; YMR274C
YMR272C; DI49_4358	DI49_4358		YMR272C
SPGP0DBtrna1Q; DI49_4357; YMR271C; SPGP0S00260	DI49_4357	SPGP0DBtrna1Q; SPGP0S00260	YMR271C
YMR269W; DI49_4353; YMR268C; DI49_4352	DI49_4353; DI49_4352		YMR269W; YMR268C
YMR266W; YMR267W			YMR266W; YMR267W
YMR264W; DI49_4348; YMR263W; DI49_4347	DI49_4348; DI49_4347		YMR264W; YMR263W
YMR261C; DI49_4345	DI49_4345		YMR261C
YMR260C; DI49_4344; YMR259C; DI49_4343	DI49_4344; DI49_4343		YMR260C; YMR259C
YMR257C; DI49_4341	DI49_4341		YMR257C
YMR256C; DI49_4340; YMR255W; DI49_4339	DI49_4340; DI49_4339		YMR256C; YMR255W
YMR252C; YMR253C			YMR252C; YMR253C
YMR251W; YMR251W-A			YMR251W; YMR251W-A
YMR244C-A; YMR246W			YMR244C-A; YMR246W
YMR243C; DI49_4328	DI49_4328		YMR243C
YMR242C; DI49_5131; DI49_5132; DI49_4327	DI49_5131; DI49_5132; DI49_4327		YMR242C
YMR241W; DI49_4326; YMR240C; DI49_4325	DI49_4326; DI49_4325		YMR241W; YMR240C
SPGP0DBtrna3R; SPGP0ltna34R; SPGP0DBtrna4R; YML071C; SPGP0DCtrna5R; SPGP0Strna20R; DI49_4019; SPGP0Ctrna23R; SPGP0Ftrna27R; SPGP0Ftrna28R; YGR122W; SPGP0Gtrna31R; SPGP0Gtrna32R	DI49_4019	SPGP0DBtrna3R; SPGP0ltna34R; SPGP0DBtrna4R; SPGP0DCtrna5R; SPGP0Strna20R; SPGP0Ctrna23R; SPGP0Ftrna27R; SPGP0Ftrna28R; SPGP0Gtrna31R; SPGP0Gtrna32R	YML071C; YGR122W
YMR238W; DI49_4322	DI49_4322		YMR238W
YMR237W; DI49_4321; YMR236W; DI49_4320	DI49_4321; DI49_4320		YMR237W; YMR236W
YMR234W; DI49_4318; YMR233W; DI49_4317	DI49_4318; DI49_4317		YMR234W; YMR233W
YMR231W; DI49_4315	DI49_4315		YMR231W
YMR230W; DI49_4314; DI49_5112; DI49_5113	DI49_4314; DI49_5112; DI49_5113		YMR230W

YMR229C; DI49_4313	DI49_4313		YMR229C
YMR228W; DI49_4312	DI49_4312		YMR228W
YMR227C; DI49_4311	DI49_4311		YMR227C
YMR226C; DI49_4310; YMR225C; DI49_4309	DI49_4310; DI49_4309		YMR226C; YMR225C
YMR223W; YMR224C			YMR223W; YMR224C
YMR221C; DI49_4305	DI49_4305		YMR221C
YMR220W; DI49_4304; YMR219W; DI49_4303	DI49_4304; DI49_4303		YMR220W; YMR219W
YMR217W; DI49_4301	DI49_4301		YMR217W
YMR216C; DI49_4300; YMR215W; DI49_4299	DI49_4300; DI49_4299		YMR216C; YMR215W
YMR213W; YMR214W			YMR213W; YMR214W
YMR211W; YMR212C			YMR211W; YMR212C
YMR209C; YMR210W			YMR209C; YMR210W
YMR207C; DI49_4291; YMR206W; DI49_4290	DI49_4291; DI49_4290		YMR207C; YMR206W
YMR204C; DI49_4288	DI49_4288		YMR204C
YMR203W; DI49_4287	DI49_4287		YMR203W
YMR202W; DI49_4286; SPGP0DB00940; DI49_4285	DI49_4286; DI49_4285	SPGP0DB00940	YMR202W
YMR200W; YMR201C			YMR200W; YMR201C
YMR198W; YMR199W; DI49_4283; DI49_4282	DI49_4283; DI49_4282		YMR198W; YMR199W
YMR196W; DI49_4280; YMR195W; DI49_4279	DI49_4280; DI49_4279		YMR196W; YMR195W
YMR194W; DI49_4277; YMR193W; DI49_4276; YPL249C-A; YPL250C	DI49_4277; DI49_4276		YMR194W; YMR193W; YPL249C-A; YPL250C
YMR191W; YMR192W			YMR191W; YMR192W
YMR189W; DI49_4272; YMR188C; DI49_4271	DI49_4272; DI49_4271		YMR189W; YMR188C
YMR186W; SPGP0U01920; DI49_4269; YPL242C	DI49_4269	SPGP0U01920	YMR186W; YPL242C
YMR185W; DI49_4268; YMR184W; DI49_4267	DI49_4268; DI49_4267		YMR185W; YMR184W
YMR181C; DI49_4264; YMR180C; DI49_4263	DI49_4264; DI49_4263		YMR181C; YMR180C
YMR178W; YMR179W			YMR178W; YMR179W
YMR176W; DI49_4259; YMR175W; SPGP0S01230	DI49_4259	SPGP0S01230	YMR176W; YMR175W
YMR173W; YMR174C			YMR173W; YMR174C
YMR171C; DI49_4255	DI49_4255		YMR171C
YMR170C; YMR169C; YMR168C			YMR170C; YMR169C; YMR168C
YMR166C; DI49_4250	DI49_4250		YMR166C
YMR165C; DI49_4249; YMR164C; SPGP0S01340	DI49_4249	SPGP0S01340	YMR165C; YMR164C
YMR161W; DI49_4245; YMR160W; DI49_4244	DI49_4245; DI49_4244		YMR161W; YMR160W
SPGP0DBtrna1M; YJL007C; YMR158W; YJL029C		SPGP0DBtrna1M	YJL007C; YMR158W; YJL029C
YMR156C; YMR157C			YMR156C; YMR157C
YMR154C; YMR155W			YMR154C; YMR155W
YMR152W; YMR153W			YMR152W; YMR153W
YMR149W; YMR150C			YMR149W; YMR150C
YMR147W; YMR148W			YMR147W; YMR148W
YMR145C; DI49_4230	DI49_4230		YMR145C

YMR144W; DI49_4229	DI49_4229		YMR144W
YMR143W; SPGP0S01540		SPGP0S01540	YMR143W
YMR142C; SPGP0S01550; YMR140W; DI49_0985; DI49_4228; YDL082W	DI49_0985; DI49_4228	SPGP0S01550	YMR142C; YMR140W; YDL082W
YMR138W; YMR139W			YMR138W; YMR139W
YMR136W; YMR137C			YMR136W; YMR137C
YMR134W; YMR135C			YMR134W; YMR135C
YMR132C; YMR133W			YMR132C; YMR133W
YMR130W; YMR131C			YMR130W; YMR131C
YMR128W; DI49_4217	DI49_4217		YMR128W
YMR127C; DI49_4216; YMR126C; DI49_4215	DI49_4216; DI49_4215		YMR127C; YMR126C
YMR124W; DI49_4213; YMR123W; DI49_4212	DI49_4213; DI49_4212		YMR124W; YMR123W
YMR121C; DI49_3558; DI49_3557; DI49_4210	DI49_3558; DI49_3557; DI49_4210		YMR121C
YMR120C; DI49_4209; YMR119W; DI49_4208	DI49_4209; DI49_4208		YMR120C; YMR119W
YMR118C; DI49_1927; SPGP0Mtrna10L; SPGP0Ftrna33L	DI49_1927	SPGP0Mtrna10L; SPGP0Ftrna33L	YMR118C
YMR116C; DI49_4204	DI49_4204		YMR116C
YMR115W; SPGP0S01810		SPGP0S01810	YMR115W
YMR114C; DI49_4203	DI49_4203		YMR114C
YMR113W; DI49_4202; YMR112C; DI49_4201	DI49_4202; DI49_4201		YMR113W; YMR112C
YMR110C; YMR111C			YMR110C; YMR111C
YMR108W; YMR109W			YMR108W; YMR109W
SPGP0DBtrna3K; SPGP0Itrna36K; YMR106C; SPGP0DDtrna4K; SPGP0Qtrna11K; SPGP0Strna14K; DI49_4194; SPGP0Ytrna18K; DI49_0541; DI49_0613; SPGP0Btrna15K; DI49_2750; SPGP0AETrna23K; SPGP0AHTrna24K; SPGP0AWtrna26K; YPR073C; SPGP0Etrna27K; DI49_1540; SPGP0Ftrna32K; SPGP0Gtrna34K; YJL011C; SPGP0Itrna35K; YER134C	DI49_4194; DI49_0541; DI49_0613; DI49_2750; DI49_1540	SPGP0DBtrna3K; SPGP0Itrna36K; SPGP0DDtrna4K; SPGP0Qtrna11K; SPGP0Strna14K; SPGP0Ytrna18K; SPGP0Btrna15K; SPGP0AETrna23K; SPGP0AHTrna24K; SPGP0AWtrna26K; SPGP0Etrna27K; SPGP0Ftrna32K; SPGP0Gtrna34K; SPGP0Itrna35K	YMR106C; YPR073C; YJL011C; YER134C
YMR104C; YMR105C			YMR104C; YMR105C
YMR101C; DI49_4190; YMR100W; DI49_4189	DI49_4190; DI49_4189		YMR101C; YMR100W
YMR098C; DI49_4186; YMR097C; DI49_4185	DI49_4186; DI49_4185		YMR098C; YMR097C
YMR095C; YMR096W			YMR095C; YMR096W
YMR093W; DI49_4181; YMR092C; DI49_4180	DI49_4181; DI49_4180		YMR093W; YMR092C
YMR090W; YMR091C			YMR090W; YMR091C
YMR088C; DI49_4176; YMR087W; DI49_4175	DI49_4176; DI49_4175		YMR088C; YMR087W
YMR085W; DI49_4173	DI49_4173		YMR085W
YMR083W; DI49_4172; YMR081C; DI49_4171	DI49_4172; DI49_4171		YMR083W; YMR081C
YMR079W; YMR080C			YMR079W; YMR080C
YMR077C; YMR078C			YMR077C; YMR078C
YMR076C; DI49_4165	DI49_4165		YMR076C
YMR075W; DI49_4164; YMR074C; DI49_4163	DI49_4164; DI49_4163		YMR075W; YMR074C
YMR072W; YMR073C			YMR072W; YMR073C

YMR070W; YMR071C		YMR070W; YMR071C
YMR068W; DI49_4157; YMR067C; DI49_4156	DI49_4157; DI49_4156	YMR068W; YMR067C
YMR065W; DI49_4154; YMR064W; DI49_4153	DI49_4154; DI49_4153	YMR065W; YMR064W
YMR062C; YMR063W		YMR062C; YMR063W
YMR060C; YMR061W		YMR060C; YMR061W
YMR058W; DI49_4147	DI49_4147	YMR058W
YMR056C; DI49_4146; YMR055C; DI49_4145	DI49_4146; DI49_4145	YMR056C; YMR055C
YMR053C; DI49_4143; YMR052W; DI49_4142	DI49_4143; DI49_4142	YMR053C; YMR052W
YMR047C; DI49_4135	DI49_4135	YMR047C
SPGP0DBtrna2H; SPGP0ltrna13H; YGL205W; SPGP0Vtrna7H; YHL022C; SPGP0Ftrna10H; SPGP0ltrna12H; YER026C		SPGP0DBtrna2H; SPGP0ltrna13H; SPGP0Vtrna7H; SPGP0Ftrna10H; SPGP0ltrna12H
YMR044W; DI49_4133; YMR043W	DI49_4133	YGL205W; YHL022C; YER026C
SPGP0DBtrna1F; SPGP0Ftrna19F; YMR041C; YHR072W; SPGP0Vtrna11F; YHR126C; SPGP0Ctrna15F; YDR317W; YPR027C; SPGP0Dtrna18F; YGL029W		YMR044W; YMR043W
YMR039C; YMR040W		SPGP0DBtrna1F; SPGP0Ftrna19F; SPGP0Vtrna11F; SPGP0Ctrna15F; SPGP0Dtrna18F
YMR037C; YMR038C		YMR041C; YHR072W; YHR126C; YDR317W; YPR027C; YGL029W
YMR035W; YMR036C		YMR039C; YMR040W
YMR033W; YMR034C		YMR037C; YMR038C
YMR031C; YMR032W		YMR035W; YMR036C
YMR029C; YMR030W		YMR033W; YMR034C
YMR027W; DI49_4115; YMR026C; DI49_4114	DI49_4115; DI49_4114	YMR031C; YMR032W
YMR024W; DI49_4112	DI49_4112	YMR029C; YMR030W
YMR021C; DI49_4108	DI49_4108	YMR027W; YMR026C
YMR020W; DI49_4107; YMR019W; DI49_4106	DI49_4107; DI49_4106	YMR024W
YMR017W; YMR018W		YMR021C
YMR015C; DI49_4102	DI49_4102	YMR020W; YMR019W
YMR014W; DI49_4101	DI49_4101	YMR017W; YMR018W
YMR013C; DI49_4100	DI49_4100	YMR015C
YMR012W; DI49_4099	DI49_4099	YMR014W
SPGP0DBtrna2E; DI49_5287; SPGP0DCtrna3E; YBR210W; SPGP0DDtrna5E; SPGP0Qtrna8E; SPGP0Qtrna9E; DI49_1914; DI49_1878; SPGP0Rtrna11E; DI49_2867; SPGP0Stna12E; DI49_5286; SPGP0Wtrna16E; DI49_0733; SPGP0Btrna14E; YCL021W-A; SPGP0Etrna20E; DI49_1408; DI49_1504; SPGP0Etrna22E; SPGP0Ftrna23E; SPGP0Ftrna24E; YGL054C; SPGP0Gtrna26E; SPGP0ltrna27E; YER012W; YER098W; SPGP0ltrna28E	DI49_5287; DI49_1914; DI49_1878; DI49_2867; DI49_5286; DI49_0733; DI49_1408; DI49_1504	YMR013C
YMR011W; SPGP0S02800		YMR012W
YMR010W; DI49_4097; YMR009W; DI49_4096	DI49_4097; DI49_4096	SPGP0DBtrna2E; SPGP0DCtrna3E; SPGP0DDtrna5E; SPGP0Qtrna8E; SPGP0Qtrna9E; SPGP0Rtrna11E; SPGP0Stna12E; SPGP0Wtrna16E; SPGP0Btrna14E; SPGP0Etrna20E; SPGP0Etrna22E; SPGP0Ftrna23E; SPGP0Ftrna24E; SPGP0Gtrna26E; SPGP0ltrna27E; SPGP0ltrna28E
YMR008C; DI49_4095; YMR007W	DI49_4095	SPGP0S02800
YMR005W; YMR006C; DI49_4094; DI49_4093	DI49_4094; DI49_4093	YBR210W; YCL021W-A; YGL054C; YER012W; YER098W
YMR003W; YMR004W		YMR011W
YMR001C; DI49_4089	DI49_4089	YMR010W; YMR009W
		YMR008C; YMR007W
		YMR005W; YMR006C
		YMR003W; YMR004W
		YMR001C

YML001W; DI49_4088	DI49_4088		YML001W
YML002W; DI49_4087	DI49_4087		YML002W
YML004C; DI49_4086	DI49_4086		YML004C
YML005W; DI49_4085	DI49_4085		YML005W
SPGP0DBtrna1S; SPGP0ltrna33S; SPGP0DCtrna2S; SPGP0DEtrna4S; YGR038W; SPGP0Gtrna31S		SPGP0DBtrna1S; SPGP0ltrna33S; SPGP0DCtrna2S; SPGP0DEtrna4S; SPGP0Gtrna31S	YGR038W
YML006C; DI49_4083	DI49_4083		YML006C
YML007W; DI49_4082	DI49_4082		YML007W
YML008C; DI49_4081	DI49_4081		YML008C
YML009C; DI49_4080	DI49_4080		YML009C
YML010W; DI49_4079; YML011C; DI49_4078	DI49_4079; DI49_4078		YML010W; YML011C
YML013W; YML012W			YML013W; YML012W
YML015C; YML014W			YML015C; YML014W
YML017W; DI49_4072; YML018C; DI49_4071	DI49_4072; DI49_4071		YML017W; YML018C
YML020W; DI49_4069	DI49_4069		YML020W
YML021C; DI49_4068; YML022W; DI49_4067	DI49_4068; DI49_4067		YML021C; YML022W
SPGP0DB03090; DI49_0614; DI49_4065; DI49_0615	DI49_0614; DI49_4065; DI49_0615	SPGP0DB03090	
YML025C; DI49_4064	DI49_4064		YML025C
YML026C; SPGP0S03140; YML027W; DI49_4062; DI49_0617; DI49_0618	DI49_4062; DI49_0617; DI49_0618	SPGP0S03140	YML026C; YML027W
YML029W; YML028W			YML029W; YML028W
YML031W; DI49_4058	DI49_4058		YML031W
YML032C; DI49_4057; YML034W; DI49_4056	DI49_4057; DI49_4056		YML032C; YML034W
YML036W; YML035C; DI49_4055; DI49_4054	DI49_4055; DI49_4054		YML036W; YML035C
YML038C; DI49_4052	DI49_4052		YML038C
SPGP0DBtrna1P; SPGP0Vtrna13P; YHR146W		SPGP0DBtrna1P; SPGP0Vtrna13P	YHR146W
YML041C; DI49_4050	DI49_4050		YML041C
YML042W; DI49_4049; YML043C; DI49_4048	DI49_4049; DI49_4048		YML042W; YML043C
YML046W; SPGP0ltrna37G; SPGP0DCtrna2G; YBL014C; SPGP0DNtrna6G; DI49_0168; DI49_0443; SPGP0Ktrna4G; SPGP0Ptrna10G; DI49_2378; SPGP0Ptrna11G; SPGP0Qtrna13G; SPGP0Qtrna14G; SPGP0Rtrna16G; DI49_4046; SPGP0Wtrna19G; DI49_0870; SPGP0Xtrna20G; DI49_5463; SPGP0AAtRNA23G; DI49_0766; SPGP0ACtrna24G; DI49_5604; SPGP0AetRNA27G; YCR016W; DI49_1672; SPGP0AH00610; SPGP0Ctrna26G; YDR262W; SPGP0Dtrna30G; YPR007C; SPGP0Etrna31G; SPGP0Ftrna32G; SPGP0Ftrna33G; SPGP0Gtrna35G; YJR051W; SPGP0Gtrna36G	DI49_0168; DI49_0443; DI49_2378; DI49_4046; DI49_0870; DI49_5463; DI49_0766; DI49_5604; DI49_1672	SPGP0ltrna37G; SPGP0DCtrna2G; SPGP0DNtrna6G; SPGP0Ktrna4G; SPGP0Ptrna10G; SPGP0Ptrna11G; SPGP0Qtrna13G; SPGP0Qtrna14G; SPGP0Rtrna16G; SPGP0Wtrna19G; SPGP0Xtrna20G; SPGP0AAtRNA23G; SPGP0ACtrna24G; SPGP0AetRNA27G; SPGP0AH00610; SPGP0Ctrna26G; SPGP0Dtrna30G; SPGP0Etrna31G; SPGP0Ftrna32G; SPGP0Ftrna33G; SPGP0Gtrna35G; SPGP0Gtrna36G	YML046W; YBL014C; YCR016W; YDR262W; YPR007C; YJR051W
YML048W; DI49_4044; YML049C; SPGP0S03330	DI49_4044	SPGP0S03330	YML048W; YML049C
YML051W; DI49_4041	DI49_4041		YML051W
YML052W; DI49_4040	DI49_4040		YML052W
YML053C; DI49_4039	DI49_4039		YML053C
SPGP0DBtrna2Y; SPGP0Gtrna13Y; YML054C; YOL019W; SPGP0Ctrna10Y; YJR056C		SPGP0DBtrna2Y; SPGP0Gtrna13Y; SPGP0Ctrna10Y	YML054C; YOL019W; YJR056C

SPGP0DB03360; SPGP0S03400		SPGP0DB03360; SPGP0S03400	
YML057W; DI49_4035; YML058W; SPGP0S03420	DI49_4035	SPGP0S03420	YML057W; YML058W
YML059C; DI49_4032	DI49_4032		YML059C
YML060W; DI49_4031	DI49_4031		YML060W
YML061C; DI49_4030; YML062C; DI49_2437; DI49_4029	DI49_4030; DI49_2437; DI49_4029		YML061C; YML062C
YML064C; DI49_4027; YML065W; DI49_4026	DI49_4027; DI49_4026		YML064C; YML065W
YML067C; YML066C			YML067C; YML066C
YML069W; YML068W			YML069W; YML068W
YML073C; DI49_4017; DI49_4378	DI49_4017; DI49_4378		YML073C
YBL105C; DI49_0084	DI49_0084		YBL105C
YBL104C; DI49_0085; YBL103C; DI49_0086	DI49_0085; DI49_0086		YBL104C; YBL103C
YBL101C; YBL102W			YBL101C; YBL102W
YBL099W; DI49_0090; YBL098W; DI49_0091	DI49_0090; DI49_0091		YBL099W; YBL098W
YBL095W; YBL097W			YBL095W; YBL097W
YBL092W; DI49_0095; YBL091C-A; DI49_0096	DI49_0095; DI49_0096		YBL092W; YBL091C-A
YBL090W; YBL091C			YBL090W; YBL091C
YBL088C; DI49_0100	DI49_0100		YBL088C
YBL087C; YER117W; YBL086C			YBL087C; YER117W; YBL086C
YBL084C; YBL085W			YBL084C; YBL085W
YBL081W; YBL082C			YBL081W; YBL082C
YBL079W; DI49_0108	DI49_0108		YBL079W
YBL078C; DI49_0109	DI49_0109		YBL078C
YBL076C; DI49_0110	DI49_0110		YBL076C
YBL075C; SPGP0DN00430; YBL074C; DI49_0111	DI49_0111	SPGP0DN00430	YBL075C; YBL074C
YBL071W-A; YBL072C; YER102W			YBL071W-A; YBL072C; YER102W
YBL068W; DI49_0115; YBL067C; DI49_0116	DI49_0115; DI49_0116		YBL068W; YBL067C
YBL064C; DI49_0118	DI49_0118		YBL064C
YBL063W; DI49_0119	DI49_0119		YBL063W
YBL061C; DI49_0120; YBL060W; DI49_0121	DI49_0120; DI49_0121		YBL061C; YBL060W
YBL059W; YBL059C-A			YBL059W; YBL059C-A
YBL057C; YBL058W			YBL057C; YBL058W
YBL055C; YBL056W			YBL055C; YBL056W
YBL052C; DI49_0127	DI49_0127		YBL052C
YBL051C; DI49_0128; YBL050W; DI49_0129	DI49_0128; DI49_0129		YBL051C; YBL050W
YBL047C; DI49_0131; YBL046W; DI49_0132	DI49_0131; DI49_0132		YBL047C; YBL046W
YBL043W; YBL045C			YBL043W; YBL045C
YBL041W; DI49_0137; YBL040C; DI49_0138	DI49_0137; DI49_0138		YBL041W; YBL040C
YBL039C; DI49_0140	DI49_0140		YBL039C
YBL038W; DI49_0141	DI49_0141		YBL038W
YBL037W; DI49_0142; YBL036C; DI49_0143	DI49_0142; DI49_0143		YBL037W; YBL036C

YBL034C; YBL035C			YBL034C; YBL035C
YBL032W; YBL033C			YBL032W; YBL033C
YBL030C; DI49_0149; YBL029C-A; DI49_0150	DI49_0149; DI49_0150		YBL030C; YBL029C-A
YBL028C; YBL029W			YBL028C; YBL029W
SPGP0DC00830; YBL027W		SPGP0DC00830	YBL027W
YBL025W; YBL026W			YBL025W; YBL026W
YBL023C; DI49_0158	DI49_0158		YBL023C
YBL022C; DI49_0159; YBL021C; DI49_0160	DI49_0159; DI49_0160		YBL022C; YBL021C
YBL019W; DI49_4697; YBL018C	DI49_4697		YBL019W; YBL018C
YBL016W; YBL017C			YBL016W; YBL017C
SPGP0DCtrna1I; SPGP0Itrna24I; SPGP0DDtrna2I; YIL079C; SPGP0DNtrna3I; SPGP0DNtrna4I; SPGP0EEtrna8I; DI49_3949; SPGP0Mtrna7I; DI49_3807; SPGP0Qtrna11I; SPGP0Ztrna14I; SPGP0Ztrna15I; DI49_4700; DI49_5588; SPGP0ACtrna17I; DI49_5615; SPGP0Btrna12I; SPGP0Btrna13I; DI49_2704; SPGP0Ctrna18I; DI49_1592; SPGP0Ftrna21I; SPGP0BZtrna22I; YER182W	DI49_3949; DI49_3807; DI49_4700; DI49_5588; DI49_5615; DI49_2704; DI49_1592	SPGP0DCtrna1I; SPGP0Itrna24I; SPGP0DDtrna2I; SPGP0DNtrna3I; SPGP0DNtrna4I; SPGP0EEtrna8I; SPGP0Mtrna7I; SPGP0Qtrna11I; SPGP0Ztrna14I; SPGP0Ztrna15I; SPGP0ACtrna17I; SPGP0Btrna12I; SPGP0Btrna13I; SPGP0Ctrna18I; SPGP0Ftrna21I; SPGP0BZtrna22I	YIL079C; YER182W
YBL011W; YBL013W			YBL011W; YBL013W
YBL009W; DI49_0172; YBL008W; DI49_0173	DI49_0172; DI49_0173		YBL009W; YBL008W
YBL006C; YBL007C			YBL006C; YBL007C
YBL004W; DI49_0178	DI49_0178		YBL004W
YBL003C; YDR225W			YBL003C; YDR225W
YBL002W; DI49_0406; YBL001C; DI49_0180; DI49_0181; YDR224C	DI49_0406; DI49_0180; DI49_0181		YBL002W; YBL001C; YDR224C
YBR002C; YBR001C			YBR002C; YBR001C
YBR004C; YBR003W			YBR004C; YBR003W
YBR006W; DI49_0187; YBR007C; DI49_0188	DI49_0187; DI49_0188		YBR006W; YBR007C
YBR009C; YNL030W			YBR009C; YNL030W
YBR010W; DI49_0190; DI49_4706; YNL031C	DI49_0190; DI49_4706		YBR010W; YNL031C
YBR011C; DI49_0191	DI49_0191		YBR011C
YBR012C; SPGP0EE00220		SPGP0EE00220	YBR012C
SPGP0DCtrna2T; SPGP0Gtrna31T; YBR014C; SPGP0DDtrna3T; SPGP0DDtrna4T; YIL014W; SPGP0Ktrna5T; YOL105C; SPGP0Ktrna6T; YOR013W; YHR006W; YDL007C-A		SPGP0DCtrna2T; SPGP0Gtrna31T; SPGP0DDtrna3T; SPGP0DDtrna4T; SPGP0Ktrna5T; SPGP0Ktrna6T	YBR014C; YIL014W; YOL105C; YOR013W; YHR006W; YDL007C-A
YBR016W; YBR015C			YBR016W; YBR015C
YBR018C; YBR017C			YBR018C; YBR017C
YBR020W; YBR019C			YBR020W; YBR019C
YBR022W; YBR021W			YBR022W; YBR021W
YBR024W; YBR023C			YBR024W; YBR023C
YBR026C; YBR025C			YBR026C; YBR025C
YBR029C; DI49_0207	DI49_0207		YBR029C
YBR030W; DI49_0208	DI49_0208		YBR030W
YBR031W; YDR012W; YBR033W; YDR013W			YBR031W; YDR012W; YBR033W; YDR013W

YBR035C; YBR034C			YBR035C; YBR034C
YBR037C; DI49_1066	DI49_1066		YBR037C
YBR038W; DI49_1067	DI49_1067		YBR038W
YBR039W; DI49_1068; YBR040W	DI49_1068		YBR039W; YBR040W
YBR042C; DI49_1071	DI49_1071		YBR042C
YBR043C; DI49_1072; YBR044C	DI49_1072		YBR043C; YBR044C
YBR045C; DI49_1074; SPGP0DNtrna7V; DI49_1073; SPGP0Wtrna19V	DI49_1074; DI49_1073	SPGP0DNtrna7V; SPGP0Wtrna19V	YBR045C
YBR047W; DI49_1077	DI49_1077		YBR047W
YBR048W; YDR025W; DI49_0223; SPGP0W02480	DI49_0223	SPGP0W02480	YBR048W; YDR025W
YBR049C; DI49_1079	DI49_1079		YBR049C
YBR050C; DI49_1080; YBR052C	DI49_1080		YBR050C; YBR052C
YBR054W; DI49_1083; DI49_1082	DI49_1083; DI49_1082		YBR054W
YBR055C; DI49_1084	DI49_1084		YBR055C
YBR056W; DI49_1086	DI49_1086		YBR056W
SPGP0DCtrna2Q; DI49_1374; YBR057C; SPGP0Wtrna10Q; SPGP0ltrna18Q	DI49_1374	SPGP0DCtrna2Q; SPGP0Wtrna10Q; SPGP0ltrna18Q	YBR057C
YBR058C-A; YBR058C			YBR058C-A; YBR058C
YBR060C; YBR059C			YBR060C; YBR059C
YBR062C; YBR061C			YBR062C; YBR061C
YBR065C; YBR064W			YBR065C; YBR064W
YBR067C; DI49_1099; DI49_1098	DI49_1099; DI49_1098		YBR067C
YBR068C; DI49_1100	DI49_1100		YBR068C
YBR069C; DI49_1101; YBR070C	DI49_1101		YBR069C; YBR070C
YBR072W; DI49_1104; YBR073W; DI49_1103	DI49_1104; DI49_1103		YBR072W; YBR073W
YBR076W; YBR074W; DI49_1106; DI49_1105	DI49_1106; DI49_1105		YBR076W; YBR074W
YBR078W; DI49_1109; DI49_1108	DI49_1109; DI49_1108		YBR078W
YBR079C; DI49_1110	DI49_1110		YBR079C
YBR080C; DI49_1111	DI49_1111		YBR080C
YBR081C; DI49_1112	DI49_1112		YBR081C
YBR082C; SPGP0W02160		SPGP0W02160	YBR082C
YBR083W; DI49_1116	DI49_1116		YBR083W
YBR084W; DI49_1117	DI49_1117		YBR084W
YBR085W; DI49_1118; YBR085C-A	DI49_1118		YBR085W; YBR085C-A
YBR087W; YBR086C			YBR087W; YBR086C
YBR089C-A; YBR088C; DI49_1123; DI49_1122	DI49_1123; DI49_1122		YBR089C-A; YBR088C
YBR093C; SPGP0W02050; DI49_4804; SPGP0W02040; DI49_1125	DI49_4804; DI49_1125	SPGP0W02050; SPGP0W02040	YBR093C
YBR094W; DI49_1126	DI49_1126		YBR094W
YBR095C; DI49_1127; YBR096W	DI49_1127		YBR095C; YBR096W
YBR098W; YBR097W; DI49_1129; DI49_1128	DI49_1129; DI49_1128		YBR098W; YBR097W
YBR102C; DI49_1132; YBR103W; DI49_1131	DI49_1132; DI49_1131		YBR102C; YBR103W

YBR105C; YBR104W			YBR105C; YBR104W
YBR107C; YBR106W; DI49_1137; DI49_1135	DI49_1137; DI49_1135		YBR107C; YBR106W
YBR109C; YBR108W			YBR109C; YBR108W
YBR111C; YBR110W			YBR111C; YBR110W
YBR112C; DI49_1144; SPGP0W01870	DI49_1144	SPGP0W01870	YBR112C
YBR114W; DI49_1146; DI49_1145	DI49_1146; DI49_1145		YBR114W
YBR115C; DI49_1147	DI49_1147		YBR115C
YBR117C; DI49_5526; SPGP0EO00100	DI49_5526	SPGP0EO00100	YBR117C
YPR080W; DI49_5530; YBR119W; DI49_1148	DI49_5530; DI49_1148		YPR080W; YBR119W
YBR121C; DI49_1152; YBR122C; DI49_1151	DI49_1152; DI49_1151		YBR121C; YBR122C
YBR125C; DI49_1155	DI49_1155		YBR125C
YBR126C; DI49_1156	DI49_1156		YBR126C
YBR128C; DI49_1158; YBR129C; DI49_1157	DI49_1158; DI49_1157		YBR128C; YBR129C
YBR131W; YBR130C			YBR131W; YBR130C
YBR133C; DI49_1163; YBR135W	DI49_1163		YBR133C; YBR135W
YBR137W; YBR136W; DI49_1165; DI49_1164	DI49_1165; DI49_1164		YBR137W; YBR136W
YBR139W; DI49_1168; DI49_1167	DI49_1168; DI49_1167		YBR139W
YBR140C; DI49_1169; YBR141C	DI49_1169		YBR140C; YBR141C
YBR143C; DI49_1172; YBR145W; SPGP0R01690; DI49_1171	DI49_1172; DI49_1171	SPGP0R01690	YBR143C; YBR145W
YBR147W; DI49_1175; YBR148W	DI49_1175		YBR147W; YBR148W
YBR150C; YBR149W			YBR150C; YBR149W
YBR152W; YBR151W; DI49_1179; DI49_1178	DI49_1179; DI49_1178		YBR152W; YBR151W
YBR154C; DI49_1182; DI49_1181	DI49_1182; DI49_1181		YBR154C
YBR155W; DI49_1183	DI49_1183		YBR155W
YBR156C; SPGP0W01460; YBR157C		SPGP0W01460	YBR156C; YBR157C
YBR159W; DI49_1186	DI49_1186		YBR159W
YBR160W; DI49_1187; YBR161W	DI49_1187		YBR160W; YBR161W
YBR162W-A; YBR162C			YBR162W-A; YBR162C
YBR164C; DI49_1192; YBR165W	DI49_1192		YBR164C; YBR165W
YBR167C; YBR166C; DI49_1194; DI49_1193	DI49_1194; DI49_1193		YBR167C; YBR166C
YBR169C; DI49_1197; DI49_1196	DI49_1197; DI49_1196		YBR169C
YBR170C; DI49_1198	DI49_1198		YBR170C
YBR171W; DI49_1199	DI49_1199		YBR171W
YBR172C; DI49_1200; YBR173C	DI49_1200		YBR172C; YBR173C
YBR176W; YBR175W			YBR176W; YBR175W
YBR179C; DI49_1205; YBR180W; DI49_1204	DI49_1205; DI49_1204		YBR179C; YBR180W
YBR182C; SPGP0DC02750		SPGP0DC02750	YBR182C
YBR184W; YBR183W			YBR184W; YBR183W
YBR186W; YBR185C			YBR186W; YBR185C
YBR188C; YBR187W			YBR188C; YBR187W

YBR191W; DI49_1216	DI49_1216	YBR191W
YBR192W; DI49_1217; YBR193C	DI49_1217	YBR192W; YBR193C
YBR195C; YBR194W		YBR195C; YBR194W
YBR197C; YBR196C		YBR197C; YBR196C
YBR199W; YBR198C		YBR199W; YBR198C
YBR201W; YBR200W; DI49_1225; DI49_1224	DI49_1225; DI49_1224	YBR201W; YBR200W
YBR202W; DI49_1228; YBR203W; DI49_1227	DI49_1228; DI49_1227	YBR202W; YBR203W
YBR205W; DI49_1231; DI49_1230	DI49_1231; DI49_1230	YBR205W
YBR207W; DI49_1232	DI49_1232	YBR207W
YBR208C; DI49_1233	DI49_1233	YBR208C
SPGP0DCtrna1C; DI49_5567; SPGP0ACtrna5C; DI49_5568	DI49_5567; DI49_5568	SPGP0DCtrna1C; SPGP0ACtrna5C
YBR212W; DI49_1238; YBR213W; DI49_1237	DI49_1238; DI49_1237	YBR212W; YBR213W
YBR215W; DI49_1241; YBR216C	DI49_1241	YBR215W; YBR216C
YBR218C; DI49_1244; YBR220C; DI49_1243	DI49_1244; DI49_1243	YBR218C; YBR220C
YBR222C; DI49_1247; YBR223C	DI49_1247	YBR222C; YBR223C
YBR227C; YBR225W; DI49_1249; DI49_1248	DI49_1249; DI49_1248	YBR227C; YBR225W
YBR229C; DI49_1252; YBR230C; DI49_1251	DI49_1252; DI49_1251	YBR229C; YBR230C
YBR233W; YBR231C		YBR233W; YBR231C
YBR234C; DI49_1257; YBR235W; DI49_1256	DI49_1257; DI49_1256	YBR234C; YBR235W
YBR237W; DI49_1260; DI49_1259	DI49_1260; DI49_1259	YBR237W
YBR238C; DI49_1261	DI49_1261	YBR238C
YBR239C; DI49_1262	DI49_1262	YBR239C
YBR240C; DI49_1263	DI49_1263	YBR240C
YBR241C; DI49_1265	DI49_1265	YBR241C
YBR242W; DI49_1266; YBR243C	DI49_1266	YBR242W; YBR243C
YBR245C; DI49_1269; YBR246W; DI49_1268	DI49_1269; DI49_1268	YBR245C; YBR246W
YBR248C; DI49_1272; DI49_1271	DI49_1272; DI49_1271	YBR248C
YBR249C; DI49_1273; YBR250W	DI49_1273	YBR249C; YBR250W
YBR252W; YBR251W		YBR252W; YBR251W
YBR254C; DI49_1278; YBR255W; DI49_1277	DI49_1278; DI49_1277	YBR254C; YBR255W
YBR256C; DI49_1281; YBR257W	DI49_1281	YBR256C; YBR257W
YBR259W; YBR258C		YBR259W; YBR258C
YBR261C; YBR260C; DI49_1285; DI49_1284	DI49_1285; DI49_1284	YBR261C; YBR260C
YBR263W; DI49_1288; YBR264C; DI49_1287	DI49_1288; DI49_1287	YBR263W; YBR264C
YBR267W; DI49_1291; YBR268W	DI49_1291	YBR267W; YBR268W
YBR270C; YBR269C		YBR270C; YBR269C
YBR272C; YBR271W		YBR272C; YBR271W
YBR274W; DI49_1298; DI49_1297	DI49_1298; DI49_1297	YBR274W
YBR275C; DI49_1299; YBR276C	DI49_1299	YBR275C; YBR276C

YBR279W; YBR278W			YBR279W; YBR278W
YBR281C; DI49_1304; DI49_1303	DI49_1304; DI49_1303		YBR281C
YBR282W; DI49_1305	DI49_1305		YBR282W
YBR283C; DI49_1306; YBR284W	DI49_1306		YBR283C; YBR284W
YBR286W; YBR285W			YBR286W; YBR285W
YBR288C; DI49_1311	DI49_1311		YBR288C
YJL222W; YNR065C; YNR067C			YJL222W; YNR065C; YNR067C
SPGP0DD00110; YJL219W; SPGP0K00150; SPGP0K00160; SPGP0BV00100		SPGP0DD00110; SPGP0K00150; SPGP0K00160; SPGP0BV00100	YJL219W
YIL169C; SPGP0G00110; YIL167W; DI49_2820; SPGP0R00110; YJR150C	DI49_2820	SPGP0G00110; SPGP0R00110	YIL169C; YIL167W; YJR150C
YIL164C; YIL166C			YIL164C; YIL166C
YIL161W; DI49_2625	DI49_2625		YIL161W
YIL160C; DI49_2626	DI49_2626		YIL160C
YIL159W; DI49_2627; YIL158W; DI49_2628	DI49_2627; DI49_2628		YIL159W; YIL158W
YIL156W-B; YIL157C			YIL156W-B; YIL157C
YIL155C; YIL156W			YIL155C; YIL156W
YIL153W; YIL154C			YIL153W; YIL154C
YIL151C; DI49_2636	DI49_2636		YIL151C
YIL150C; DI49_2637	DI49_2637		YIL150C
YIL149C; DI49_2638; SPGP0DD00310	DI49_2638	SPGP0DD00310	YIL149C
YIL146C; DI49_2641; YIL145C; DI49_2642	DI49_2641; DI49_2642		YIL146C; YIL145C
YIL143C; DI49_2644	DI49_2644		YIL143C
YIL142W; DI49_2645; YIL140W; DI49_2646	DI49_2645; DI49_2646		YIL142W; YIL140W
YIL138C; YIL139C			YIL138C; YIL139C
YIL136W; YIL137C			YIL136W; YIL137C
YIL134W; YIL135C			YIL134W; YIL135C
YIL132C; YIL133C			YIL132C; YIL133C
YIL130W; YIL131C			YIL130W; YIL131C
YIL128W; DI49_2658; YIL127C; DI49_2659	DI49_2658; DI49_2659		YIL128W; YIL127C
YIL125W; DI49_2661	DI49_2661		YIL125W
YIL124W; DI49_2662	DI49_2662		YIL124W
YIL123W; DI49_2663	DI49_2663		YIL123W
YIL122W; DI49_2664; YIL121W; DI49_2665	DI49_2664; DI49_2665		YIL122W; YIL121W
YIL119C; YIL120W			YIL119C; YIL120W
YIL117C; YIL118W			YIL117C; YIL118W
YIL115C; DI49_2671; YIL114C; DI49_2672	DI49_2671; DI49_2672		YIL115C; YIL114C
YIL112W; YIL113W			YIL112W; YIL113W
YIL110W; DI49_2675	DI49_2675		YIL110W
YIL109C; DI49_2676	DI49_2676		YIL109C
YIL108W; DI49_2677	DI49_2677		YIL108W

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DI49_2760; DI49_1689			
YIL015W; DI49_2762	DI49_2762		YIL015W
SPGP0DD01520; YOR192C-B; YLR410W-B; SPGP0AE00800		SPGP0DD01520; SPGP0AE00800	YOR192C-B; YLR410W-B
YIL011W; YIL013C			YIL011W; YIL013C
YIL009C-A; YIL010W			YIL009C-A; YIL010W
YIL007C; YIL008W			YIL007C; YIL008W
YIL005W; YIL006W			YIL005W; YIL006W
YIL003W; DI49_2776	DI49_2776		YIL003W
YIL002W-A; DI49_2777	DI49_2777		YIL002W-A
YIL002C; DI49_2778; YIL001W; DI49_2779	DI49_2778; DI49_2779		YIL002C; YIL001W
YIR002C; DI49_2781; YIR003W; DI49_2782	DI49_2781; DI49_2782		YIR002C; YIR003W
YIR005W; YIR004W			YIR005W; YIR004W
YIR007W; DI49_2787	DI49_2787		YIR007W
YIR008C; DI49_2788; YIR009W; DI49_2789	DI49_2788; DI49_2789		YIR008C; YIR009W
YIR011C; DI49_2791	DI49_2791		YIR011C
YIR012W; DI49_2792; YIR013C; DI49_2793	DI49_2792; DI49_2793		YIR012W; YIR013C
YIR015W; YIR014W			YIR015W; YIR014W
YIR017C; DI49_2797	DI49_2797		YIR017C
YIR018W; DI49_2798; YIR019C; DI49_2799	DI49_2798; DI49_2799		YIR018W; YIR019C
YIR022W; YIR021W			YIR022W; YIR021W
YIR024C; YIR023W			YIR024C; YIR023W
YIR026C; YIR025W			YIR026C; YIR025W
YIR028W; DI49_2807	DI49_2807		YIR028W
YIR029W; DI49_2808; YIR030C; DI49_2809	DI49_2808; DI49_2809		YIR029W; YIR030C
YIR032C; YIR031C			YIR032C; YIR031C
YIR034C; DI49_2813; YIR035C; DI49_2814	DI49_2813; DI49_2814		YIR034C; YIR035C
YIR037W; YIR036C			YIR037W; YIR036C
YIR039C; YIR038C			YIR039C; YIR038C
SPGP0DE00100; SPGP0DE00900; SPGP0AI00110; YHR210C		SPGP0DE00100; SPGP0DE00900; SPGP0AI00110	YHR210C
YAL062W; DI49_0002; DI49_5188; DI49_5189	DI49_0002; DI49_5188; DI49_5189		YAL062W
YAL061W; DI49_0003; YAL060W	DI49_0003		YAL061W; YAL060W
YAL058W; YAL059W			YAL058W; YAL059W
YAL055W; YAL056W			YAL055W; YAL056W
YAL053W; YAL054C			YAL053W; YAL054C
YAL049C; YAL051W			YAL049C; YAL051W
YAL047C; YAL048C			YAL047C; YAL048C
YAL044W-A; YAL046C; DI49_0015; DI49_0014	DI49_0015; DI49_0014		YAL044W-A; YAL046C
YAL043C; DI49_0018; DI49_0017	DI49_0018; DI49_0017		YAL043C
YAL042W; DI49_0019	DI49_0019		YAL042W

YAL041W; DI49_0020	DI49_0020		YAL041W
YAL040C; DI49_0021; YAL039C	DI49_0021		YAL040C; YAL039C
YAL037W; YAL038W			YAL037W; YAL038W
YAL035W; DI49_0026	DI49_0026		YAL035W
YAL034W-A; DI49_0027	DI49_0027		YAL034W-A
YAL034C; DI49_0028	DI49_0028		YAL034C
YAL033W; DI49_0029; YAL032C	DI49_0029		YAL033W; YAL032C
YAL030W; YAL031C			YAL030W; YAL031C
YAL028W; YAL029C; DI49_0032; SPGP0H00560	DI49_0032	SPGP0H00560	YAL028W; YAL029C
YAL026C; DI49_0035; YAL025C; DI49_0034	DI49_0035; DI49_0034		YAL026C; YAL025C
YAL023C; DI49_0038	DI49_0038		YAL023C
YAL022C; SPGP0H00480		SPGP0H00480	YAL022C
YAL021C; DI49_0040	DI49_0040		YAL021C
YAL020C; DI49_0041	DI49_0041		YAL020C
YAL019W; DI49_0042; YAL018C	DI49_0042		YAL019W; YAL018C
YAL016W; DI49_0045; YAL015C; DI49_0044	DI49_0045; DI49_0044		YAL016W; YAL015C
YAL013W; SPGP0H00390		SPGP0H00390	YAL013W
YAL012W; DI49_0048	DI49_0048		YAL012W
YAL011W; DI49_0049; YAL010C	DI49_0049		YAL011W; YAL010C
YAL008W; YAL009W			YAL008W; YAL009W
SPGP0DEtrna2P; SPGP0Mtrna7P; SPGP0Mtrna6P; YNL042W; YNL035C		SPGP0DEtrna2P; SPGP0Mtrna7P; SPGP0Mtrna6P	YNL042W; YNL035C
YAL005C; DI49_3507; DI49_0055; DI49_3508	DI49_3507; DI49_0055; DI49_3508		YAL005C
YAL003W; DI49_0056; YAL002W	DI49_0056		YAL003W; YAL002W
SPGP0DE00690; YAL001C		SPGP0DE00690	YAL001C
YAR002C-A; DI49_0060; DI49_0059	DI49_0060; DI49_0059		YAR002C-A
YAR003W; DI49_0061	DI49_0061		YAR003W
YAR007C; DI49_0062	DI49_0062		YAR007C
YAR008W; DI49_0063	DI49_0063		YAR008W
SPGP0DEtrna5A; DI49_3564; DI49_3563; SPGP0Qtrna11A; DI49_2114; SPGP0Etrna21A; SPGP0Ftrna22A; YGR150C; SPGP0Htrna25A; DI49_0066; YER076C	DI49_3564; DI49_3563; DI49_2114; DI49_0066	SPGP0DEtrna5A; SPGP0Qtrna11A; SPGP0Etrna21A; SPGP0Ftrna22A; SPGP0Htrna25A	YGR150C; YER076C
YAR014C; DI49_0068	DI49_0068		YAR014C
YAR015W; DI49_0069; YAR018C	DI49_0069		YAR015W; YAR018C
YFL020C; DI49_4789; YAR023C; SPGP0H00150; DI49_3953; DI49_3954; SPGP0AH00880; DI49_1633; DI49_0072	DI49_4789; DI49_3953; DI49_3954; DI49_1633; DI49_0072	SPGP0H00150; SPGP0AH00880	YFL020C; YAR023C
YAR027W; YAR028W; SPGP0DE00830; YAR031W		SPGP0DE00830	YAR027W; YAR028W; YAR031W
YAR033W; SPGP0F03120; YAR035W		SPGP0F03120	YAR033W; YAR035W
SPGP0DE00890; YAR042W; DI49_0076	DI49_0076	SPGP0DE00890	YAR042W
SPGP0J00100; SPGP0BP00100; DI49_4806; SPGP0ED00120; DI49_3942; YPR204W	DI49_4806; DI49_3942	SPGP0J00100; SPGP0BP00100; SPGP0ED00120	YPR204W
SPGP0DH00100; YHR211W; SPGP0AI00100		SPGP0DH00100; SPGP0AI00100	YHR211W

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DI49_0203; DI49_0202	DI49_0203; DI49_0202	
DI49_0205; DI49_0204	DI49_0205; DI49_0204	
DI49_0209; DI49_1062; DI49_0210	DI49_0209; DI49_1062; DI49_0210	
DI49_0212; DI49_0211	DI49_0212; DI49_0211	
DI49_0214; DI49_0213	DI49_0214; DI49_0213	
DI49_0216; YDR018C; DI49_0217; YDR019C	DI49_0216; DI49_0217	YDR018C; YDR019C
DI49_0219; YDR021W	DI49_0219	YDR021W
DI49_0220; YDR022C	DI49_0220	YDR022C
DI49_0222; YDR023W; YDR024W	DI49_0222	YDR023W; YDR024W
DI49_0224; YDR026C	DI49_0224	YDR026C
DI49_0225; YDR027C	DI49_0225	YDR027C
DI49_0226; YDR028C; DI49_0227; YDR030C	DI49_0226; DI49_0227	YDR028C; YDR030C
DI49_0229; YDR032C	DI49_0229	YDR032C
DI49_0230; YDR033W; DI49_0231; YDR034C	DI49_0230; DI49_0231	YDR033W; YDR034C
DI49_0233; YDR035W	DI49_0233	YDR035W
DI49_0234; YDR036C	DI49_0234	YDR036C
SPGP0DN01640; DI49_1093; DI49_0236; DI49_1092; YDR037W; YDR040C	DI49_1093; DI49_0236; DI49_1092	SPGP0DN01640 YDR037W; YDR040C
DI49_0238; DI49_0237	DI49_0238; DI49_0237	
DI49_0240; YDR044W; DI49_0241; YDR045C	DI49_0240; DI49_0241	YDR044W; YDR045C
DI49_0243; YDR047W; DI49_0244; YDR049W	DI49_0243; DI49_0244	YDR047W; YDR049W
DI49_0246; YDR051C; DI49_0247; YDR052C	DI49_0246; DI49_0247	YDR051C; YDR052C
DI49_0249; YDR055W; DI49_0250; YDR056C	DI49_0249; DI49_0250	YDR055W; YDR056C
DI49_0252; YDR058C	DI49_0252	YDR058C
DI49_0256; YDR060W	DI49_0256	YDR060W
DI49_0257; YDR061W	DI49_0257	YDR061W
DI49_0258; YDR062W	DI49_0258	YDR062W
DI49_0259; YDR063W	DI49_0259	YDR063W
DI49_0260; YDR064W; DI49_0261; YDR065W	DI49_0260; DI49_0261	YDR064W; YDR065W
DI49_0263; YDR067C; DI49_0264; YDR068W	DI49_0263; DI49_0264	YDR067C; YDR068W
DI49_0266; DI49_0265	DI49_0266; DI49_0265	
DI49_0268; YDR072C; DI49_0269; YDR073W	DI49_0268; DI49_0269	YDR072C; YDR073W
DI49_0271; YDR075W	DI49_0271	YDR075W
DI49_0272; YDR076W	DI49_0272	YDR076W
DI49_0273; YDR077W; DI49_0274; YDR078C	DI49_0273; DI49_0274	YDR077W; YDR078C
DI49_0276; DI49_0275	DI49_0276; DI49_0275	
DI49_0278; DI49_0277	DI49_0278; DI49_0277	
DI49_0280; YDR083W; DI49_0281; YDR084C	DI49_0280; DI49_0281	YDR083W; YDR084C
DI49_0283; DI49_0282	DI49_0283; DI49_0282	
DI49_0285; YDR088C	DI49_0285	YDR088C

DI49_0287; YDR089W; DI49_0288; YDR090C SPGP0DN02150; DI49_0289	DI49_0287; DI49_0288 DI49_0289	SPGP0DN02150	YDR089W; YDR090C
DI49_0291; YDR096W	DI49_0291		YDR096W
DI49_0292; YDR097C; DI49_0293; YDR098C	DI49_0292; DI49_0293		YDR097C; YDR098C
DI49_0295; YDR099W; DI49_0296; YDR100W	DI49_0295; DI49_0296		YDR099W; YDR100W
DI49_0298; DI49_0297	DI49_0298; DI49_0297		
DI49_0300; DI49_0299	DI49_0300; DI49_0299		
DI49_0303; YDR107C	DI49_0303		YDR107C
DI49_0304; YDR108W; SPGP0DN02290; YDR109C	DI49_0304	SPGP0DN02290	YDR108W; YDR109C
DI49_0306; DI49_0305	DI49_0306; DI49_0305		
DI49_0308; DI49_0307	DI49_0308; DI49_0307		
DI49_0310; DI49_0309	DI49_0310; DI49_0309		
DI49_0312; YDR119W; DI49_0313; YDR119W-A	DI49_0312; DI49_0313		YDR119W; YDR119W-A
DI49_0315; DI49_0314	DI49_0315; DI49_0314		
DI49_0317; YDR123C; DI49_0318; YDR124W	DI49_0317; DI49_0318		YDR123C; YDR124W
DI49_0320; YDR126W	DI49_0320		YDR126W
DI49_0321; YDR127W; DI49_0322; YDR128W	DI49_0321; DI49_0322		YDR127W; YDR128W
DI49_0324; DI49_0323	DI49_0324; DI49_0323		
DI49_0326; DI49_0325	DI49_0326; DI49_0325		
DI49_0328; YDR135C; DI49_0329; YDR137W	DI49_0328; DI49_0329		YDR135C; YDR137W
DI49_0331; DI49_0330	DI49_0331; DI49_0330		
DI49_0333; YDR141C	DI49_0333		YDR141C
DI49_0334; YDR142C	DI49_0334		YDR142C
DI49_0335; YDR143C; DI49_0336; YDR144C	DI49_0335; DI49_0336		YDR143C; YDR144C
DI49_0338; DI49_0337	DI49_0338; DI49_0337		
DI49_0340; YDR148C; SPGP0DN02660; YDR150W	DI49_0340	SPGP0DN02660	YDR148C; YDR150W
DI49_0342; DI49_0341	DI49_0342; DI49_0341		
DI49_0344; YDR155C; DI49_0345; YDR156W	DI49_0344; DI49_0345		YDR155C; YDR156W
DI49_0347; DI49_0346	DI49_0347; DI49_0346		
DI49_0349; DI49_0348	DI49_0349; DI49_0348		
DI49_0351; DI49_0350	DI49_0351; DI49_0350		
DI49_0353; YDR165W	DI49_0353		YDR165W
DI49_0354; YDR166C; DI49_0355; YDR167W	DI49_0354; DI49_0355		YDR166C; YDR167W
DI49_0357; YDR169C	DI49_0357		YDR169C
DI49_0359; YDR170C	DI49_0359		YDR170C
SPGP0DNtrna5Q; DI49_2421; DI49_0361; DI49_3679; SPGP0Ptrna7Q; DI49_2420; SPGP0Vtrna9Q; SPGP0AAtrna11Q; SPGP0AEtrna15Q; SPGP0Ctrna12Q; SPGP0Ctrna14Q; YDR170W-A; SPGP0Etrna17Q; DI49_1450; YER048W-A	DI49_2421; DI49_0361; DI49_3679; DI49_2420; DI49_1450	SPGP0DNtrna5Q; SPGP0Ptrna7Q; SPGP0Vtrna9Q; SPGP0AAtrna11Q; SPGP0AEtrna15Q; SPGP0Ctrna12Q; SPGP0Ctrna14Q; SPGP0Etrna17Q	YDR170W-A; YER048W-A
DI49_0363; YDR173C	DI49_0363		YDR173C
DI49_0364; YDR174W; DI49_0365; YDR175C	DI49_0364; DI49_0365		YDR174W; YDR175C

DI49_0367; DI49_0366	DI49_0367; DI49_0366	
DI49_0369; DI49_0368	DI49_0369; DI49_0368	
DI49_0371; YDR180W; DI49_0372; YDR181C	DI49_0371; DI49_0372	YDR180W; YDR181C
DI49_0374; DI49_0373	DI49_0374; DI49_0373	
DI49_0376; YDR185C	DI49_0376	YDR185C
DI49_0377; YDR186C	DI49_0377	YDR186C
DI49_0378; YDR188W	DI49_0378	YDR188W
DI49_0379; YDR189W	DI49_0379	YDR189W
DI49_0380; YDR190C; DI49_0381; YDR191W	DI49_0380; DI49_0381	YDR190C; YDR191W
DI49_0382; YDR194C	DI49_0382	YDR194C
DI49_0383; YDR195W; DI49_0384; YDR196C	DI49_0383; DI49_0384	YDR195W; YDR196C
DI49_0386; YDR198C; DI49_0387; YDR200C	DI49_0386; DI49_0387	YDR198C; YDR200C
DI49_0389; YDR202C	DI49_0389	YDR202C
DI49_0390; YDR204W; DI49_0391; YDR205W	DI49_0390; DI49_0391	YDR204W; YDR205W
DI49_0393; DI49_0392	DI49_0393; DI49_0392	
DI49_0395; SPGP0Ntrna10I; DI49_0396; DI49_3742; SPGP0Ctrna19I; YDR211W	DI49_0395; DI49_0396; DI49_3742	SPGP0Ntrna10I; SPGP0Ctrna19I
DI49_0398; YDR213W; DI49_0399; YDR214W	DI49_0398; DI49_0399	YDR211W
SPGP0DN03250; DI49_0400	DI49_0400	YDR213W; YDR214W
DI49_0402; DI49_0401	DI49_0402; DI49_0401	
DI49_0404; DI49_0403	DI49_0404; DI49_0403	
DI49_0408; YDR226W; DI49_0409; YDR227W	DI49_0408; DI49_0409	YDR226W; YDR227W
DI49_0411; YDR229W	DI49_0411	YDR229W
DI49_0412; YDR231C	DI49_0412	YDR231C
DI49_0413; YDR232W	DI49_0413	YDR232W
DI49_0414; YDR233C; DI49_0415	DI49_0414; DI49_0415	YDR233C
DI49_0417; YDR235W	DI49_0417	YDR235W
DI49_0418; YDR236C; DI49_0419; YDR237W	DI49_0418; DI49_0419	YDR236C; YDR237W
DI49_0421; DI49_0420	DI49_0421; DI49_0420	
SPGP0DNtrna4Y; DI49_2382; DI49_2381; DI49_3070; DI49_4369; SPGP0Strna9Y; DI49_4037; DI49_1685; DI49_1668	DI49_2382; DI49_2381; DI49_3070; DI49_4369; DI49_4037; DI49_1685; DI49_1668	
SPGP0DN03480; YDR242W; DI49_0424; YDR243C	DI49_0424	SPGP0DNtrna4Y; SPGP0Strna9Y
DI49_0426; YDR245W; DI49_0427; YDR246W	DI49_0426; DI49_0427	SPGP0DN03480
DI49_0429; YDR248C; DI49_0430; YDR249C	DI49_0429; DI49_0430	YDR242W; YDR243C
DI49_0432; DI49_0431	DI49_0432; DI49_0431	YDR245W; YDR246W
DI49_0434; DI49_0433	DI49_0434; DI49_0433	YDR248C; YDR249C
DI49_0436; YDR256C; DI49_0437; YDR257C	DI49_0436; DI49_0437	
DI49_0439; DI49_0438	DI49_0439; DI49_0438	YDR256C; YDR257C
DI49_0441; DI49_0440	DI49_0441; DI49_0440	
DI49_0445; DI49_0444	DI49_0445; DI49_0444	

DI49_0447; DI49_0446	DI49_0447; DI49_0446		
DI49_0449; YDR268W	DI49_0449		YDR268W
DI49_0450; YDR270W; DI49_0451; YDR272W	DI49_0450; DI49_0451		YDR270W; YDR272W
DI49_0453; DI49_0452	DI49_0453; DI49_0452		
DI49_0455; YDR277C	DI49_0455		YDR277C
SPGP0DNtrna6E; DI49_2698; DI49_0457; DI49_2699	DI49_2698; DI49_0457; DI49_2699	SPGP0DNtrna6E	
DI49_0459; DI49_0458	DI49_0459; DI49_0458		
DI49_0461; YDR283C; DI49_0462; YDR284C	DI49_0461; DI49_0462		YDR283C; YDR284C
DI49_0464; DI49_0463	DI49_0464; DI49_0463		
DI49_0466; DI49_0465	DI49_0466; DI49_0465		
DI49_0468; YDR291W	DI49_0468		YDR291W
DI49_0469; YDR292C	DI49_0469		YDR292C
DI49_0470; YDR293C	DI49_0470		YDR293C
DI49_0471; YDR294C	DI49_0471		YDR294C
DI49_0472; YDR295C; DI49_0473; YDR296W	DI49_0472; DI49_0473		YDR295C; YDR296W
DI49_0475; YDR298C	DI49_0475		YDR298C
DI49_0476; YDR299W	DI49_0476		YDR299W
DI49_0477; YDR300C	DI49_0477		YDR300C
DI49_0478; YDR301W; DI49_0479; YDR302W	DI49_0478; DI49_0479		YDR301W; YDR302W
DI49_0481; DI49_0480	DI49_0481; DI49_0480		
DI49_0483; DI49_0482	DI49_0483; DI49_0482		
DI49_0485; DI49_0484	DI49_0485; DI49_0484		
DI49_0487; DI49_0486	DI49_0487; DI49_0486		
DI49_0489; DI49_0488	DI49_0489; DI49_0488		
DI49_0491; DI49_0490	DI49_0491; DI49_0490		
DI49_0493; DI49_0492	DI49_0493; DI49_0492		
DI49_0495; SPGP0Mtrna5F; DI49_0496	DI49_0495; DI49_0496	SPGP0Mtrna5F	
DI49_0498; DI49_0497	DI49_0498; DI49_0497		
DI49_0500; YDR320C-A	DI49_0500		YDR320C-A
DI49_0501; YDR321W	DI49_0501		YDR321W
DI49_0502; YDR322W	DI49_0502		YDR322W
DI49_0503; YDR322C-A; DI49_0504; YDR323C	DI49_0503; DI49_0504		YDR322C-A; YDR323C
SPGP0K00100; YDR542W; SPGP0V00110; YHL044W; YEL049W; YEL048C		SPGP0K00100; SPGP0V00110	YDR542W; YHL044W; YEL049W; YEL048C
YOL159C-A; DI49_3955; YOL159C; DI49_2570	DI49_3955; DI49_2570		YOL159C-A; YOL159C
YJL221C; YGR287C; SPGP0Q00130		SPGP0Q00130	YJL221C; YGR287C
YOL154W; SPGP0K00170		SPGP0K00170	YOL154W
YOL152W; DI49_2257; DI49_2256	DI49_2257; DI49_2256		YOL152W
YOL151W; DI49_2258	DI49_2258		YOL151W
YOL149W; DI49_2259	DI49_2259		YOL149W
YOL148C; DI49_2260	DI49_2260		YOL148C

YOL147C; DI49_2261; YOL146W	DI49_2261	YOL147C; YOL146W
YOL144W; YOL145C		YOL144W; YOL145C
YOL142W; DI49_2266; YOL141W	DI49_2266	YOL142W; YOL141W
YOL139C; DI49_2269; YOL138C	DI49_2269	YOL139C; YOL138C
YOL136C; DI49_2272; YOL135C; DI49_2271	DI49_2272; DI49_2271	YOL136C; YOL135C
YOL132W; DI49_2275; YOL131W; DI49_2274	DI49_2275; DI49_2274	YOL132W; YOL131W
YOL129W; DI49_2278	DI49_2278	YOL129W
YOL128C; DI49_2279	DI49_2279	YOL128C
YOL127W; DI49_2280	DI49_2280	YOL127W
YOL126C; DI49_2281; YOL125W	DI49_2281	YOL126C; YOL125W
YOL123W; DI49_2284	DI49_2284	YOL123W
YOL122C; DI49_2285	DI49_2285	YOL122C
SPGP0K00490; SPGP0M00360; SPGP0K00500; DI49_4447; DI49_2286	DI49_4447; DI49_2286	SPGP0K00490; SPGP0M00360; SPGP0K00500
YOL117W; YOL119C; DI49_2287	DI49_2287	YOL117W; YOL119C
YOL115W; DI49_2290; YOL114C; DI49_2289	DI49_2290; DI49_2289	YOL115W; YOL114C
YOL112W; YOL113W		YOL112W; YOL113W
YOL110W; DI49_2295; YOL109W; DI49_2294	DI49_2295; DI49_2294	YOL110W; YOL109W
YOL108C; SPGP0Ftrna34G; SPGP0Ptrna12G; DI49_2296; SPGP0Qtrna15G; SPGP0Ztrna22G; DI49_4461	DI49_2296; DI49_4461	SPGP0Ftrna34G; SPGP0Ptrna12G; SPGP0Qtrna15G; SPGP0Ztrna22G
SPGP0K00630; YOL107W		YOL108C
YOL103W; YOL104C		YOL107W
YOL101C; DI49_2305	DI49_2305	YOL103W; YOL104C
YOL100W; DI49_2306	DI49_2306	YOL101C
YOL098C; DI49_2307	DI49_2307	YOL100W
YOL097C; DI49_2308	DI49_2308	YOL098C
YOL096C; DI49_2309	DI49_2309	YOL097C
YOL095C; DI49_2310	DI49_2310	YOL096C
YOL094C; DI49_2311; YOL093W	DI49_2311	YOL095C
YOL091W; DI49_2314; DI49_2313	DI49_2314; DI49_2313	YOL094C; YOL093W
YOL090W; DI49_2315	DI49_2315	YOL091W
YOL089C; DI49_2316; YOL088C	DI49_2316	YOL090W
YOL086W-A; YOL087C		YOL089C; YOL088C
YOL084W; YOL086C		YOL086W-A; YOL087C
YOL082W; YOL083W		YOL084W; YOL086C
YOL080C; YOL081W; DI49_2324; DI49_2323	DI49_2324; DI49_2323	YOL082W; YOL083W
YOL077W-A; YOL078W		YOL080C; YOL081W
YOL076W; DI49_2329; DI49_2328	DI49_2329; DI49_2328	YOL077W-A; YOL078W
YOL075C; DI49_2330; YOL073C	DI49_2330	YOL076W
YOL071W; YOL072W; DI49_2332; DI49_2331	DI49_2332; DI49_2331	YOL075C; YOL073C
YOL069W; DI49_2335; DI49_2334	DI49_2335; DI49_2334	YOL071W; YOL072W
		YOL069W

YOL068C; DI49_2336; YOL067C	DI49_2336		YOL068C; YOL067C
YOL065C; YOL066C			YOL065C; YOL066C
YOL063C; YOL064C			YOL063C; YOL064C
YOL061W; DI49_2343	DI49_2343		YOL061W
YOL060C; DI49_2344	DI49_2344		YOL060C
YOL059W; DI49_2345	DI49_2345		YOL059W
YOL058W; DI49_2346; YOL057W	DI49_2346		YOL058W; YOL057W
YOL055C; DI49_2348; SPGP0P02270; YPL258C; YPL259C	DI49_2348	SPGP0P02270	YOL055C; YPL258C; YPL259C
YOL052C-A; YOL053W			YOL052C-A; YOL053W
YOL051W; DI49_2355; YOL049W	DI49_2355		YOL051W; YOL049W
YOL047C; YOL048C			YOL047C; YOL048C
YOL045W; DI49_2357; YOL044W; SPGP0P02180	DI49_2357	SPGP0P02180	YOL045W; YOL044W
YOL042W; YOL043C			YOL042W; YOL043C
YOL040C; DI49_2362; DI49_2361	DI49_2362; DI49_2361		YOL040C
YOL039W; DI49_2363; YOL038W	DI49_2363		YOL039W; YOL038W
YOL034W; DI49_2366; YOL033W; DI49_2365	DI49_2366; DI49_2365		YOL034W; YOL033W
YOL031C; YOL032W			YOL031C; YOL032W
YOL028C; YOL030W			YOL028C; YOL030W
YOL026C; YOL027C			YOL026C; YOL027C
YOL025W; DI49_2374; SPGP0Ntrna9S; DI49_3829; SPGP0EXtrna10S; DI49_0521; SPGP0Ptrna11S; DI49_2373; DI49_1676	DI49_2374; DI49_3829; DI49_0521; DI49_2373; DI49_1676	SPGP0Ntrna9S; SPGP0EXtrna10S; SPGP0Ptrna11S	YOL025W
YOL023W; DI49_2377; YOL022C; DI49_2376	DI49_2377; DI49_2376		YOL023W; YOL022C
YOL021C; DI49_2380; YOL020W	DI49_2380		YOL021C; YOL020W
YOL017W; YOL018C			YOL017W; YOL018C
YOL015W; YOL016C; DI49_2386; DI49_2385	DI49_2386; DI49_2385		YOL015W; YOL016C
YOL013W-A; SPGP0Ktrna4P		SPGP0Ktrna4P	YOL013W-A
YOL013C; DI49_2390	DI49_2390		YOL013C
YOL012C; DI49_2391	DI49_2391		YOL012C
YOL011W; DI49_2392; YOL010W	DI49_2392		YOL011W; YOL010W
YOL008W; YOL009C; DI49_2394; DI49_2393	DI49_2394; DI49_2393		YOL008W; YOL009C
YOL006C; YOL007C			YOL006C; YOL007C
YOL004W; DI49_2399; DI49_2398	DI49_2399; DI49_2398		YOL004W
YOL003C; DI49_2400	DI49_2400		YOL003C
YOL002C; DI49_2401; YOL001W	DI49_2401		YOL002C; YOL001W
YOR002W; DI49_2404	DI49_2404		YOR002W
YOR003W; DI49_2405; YOR004W	DI49_2405		YOR003W; YOR004W
YOR006C; DI49_2408	DI49_2408		YOR006C
YOR007C; DI49_2409	DI49_2409		YOR007C
YOR010C; DI49_2413; YER011W	DI49_2413		YOR010C; YER011W
YOR011W; DI49_2414	DI49_2414		YOR011W

YOR016C; DI49_2418	DI49_2418		YOR016C
YOR017W; DI49_2419; YOR018W	DI49_2419		YOR017W; YOR018W
YOR020C; DI49_4866; YOR020W-A; DI49_4865	DI49_4866; DI49_4865		YOR020C; YOR020W-A
YOR022C; YOR021C			YOR022C; YOR021C
YOR025W; YOR023C			YOR025W; YOR023C
YOR027W; YOR026W			YOR027W; YOR026W
YOR030W; YOR028C			YOR030W; YOR028C
YOR032C; YOR031W			YOR032C; YOR031W
YOR034C; YOR033C			YOR034C; YOR033C
YOR036W; YOR035C			YOR036W; YOR035C
YOR038C; DI49_4883	DI49_4883		YOR038C
YOR039W; DI49_4884; YOR040W	DI49_4884		YOR039W; YOR040W
YOR043W; DI49_4887; YOR044W; DI49_4886	DI49_4887; DI49_4886		YOR043W; YOR044W
YOR046C; DI49_4890; DI49_4889	DI49_4890; DI49_4889		YOR046C
YOR047C; DI49_4891	DI49_4891		YOR047C
YOR048C; DI49_4892; YOR049C	DI49_4892		YOR048C; YOR049C
YOR052C; YOR051C			YOR052C; YOR051C
YOR056C; YOR054C			YOR056C; YOR054C
YOR058C; DI49_4899	DI49_4899		YOR058C
SPGP0Ktrna5K; SPGP0Ctrna22K; YOR059C; SPGP0Qtrna12K; YGL203C; YDL054C		SPGP0Ktrna5K; SPGP0Ctrna22K; SPGP0Qtrna12K	YOR059C; YGL203C; YDL054C
YOR061W; YOR060C			YOR061W; YOR060C
YOR063W; DI49_4906; YOR064C; DI49_4905	DI49_4906; DI49_4905		YOR063W; YOR064C
YOR066W; DI49_4909	DI49_4909		YOR066W
YOR067C; DI49_4910	DI49_4910		YOR067C
YOR069W; DI49_4911	DI49_4911		YOR069W
YOR070C; DI49_4912	DI49_4912		YOR070C
YOR071C; DI49_3747; DI49_3867; DI49_3866; DI49_3865; DI49_3746	DI49_3747; DI49_3867; DI49_3866; DI49_3865; DI49_3746		YOR071C
YOR073W; DI49_4915	DI49_4915		YOR073W
YOR074C; SPGP0L00630		SPGP0L00630	YOR074C
YOR075W; DI49_4916; YOR076C	DI49_4916		YOR075W; YOR076C
YOR078W; YOR077W			YOR078W; YOR077W
YOR080W; YOR079C			YOR080W; YOR079C
YOR083W; YOR081C			YOR083W; YOR081C
YOR085W; YOR084W			YOR085W; YOR084W
YOR087W; DI49_4926; YOR089C	DI49_4926		YOR087W; YOR089C
YOR091W; YOR090C			YOR091W; YOR090C
YOR093C; DI49_4931; YOR094W	DI49_4931		YOR093C; YOR094W
YOR096W; DI49_4934; YOR097C; SPGP0M02200; SPGP0M02210	DI49_4934	SPGP0M02200; SPGP0M02210	YOR096W; YOR097C
YOR099W; DI49_4937; YOR100C; DI49_4936	DI49_4937; DI49_4936		YOR099W; YOR100C

YOR103C; DI49_4940; YOR104W; DI49_4939	DI49_4940; DI49_4939	YOR103C; YOR104W
YOR107W; DI49_4943; DI49_4942	DI49_4943; DI49_4942	YOR107W
YOR108W; DI49_4944; YNL104C; YNL103W	DI49_4944	YOR108W; YNL104C; YNL103W
YOR109W; DI49_4945; YOR110W	DI49_4945	YOR109W; YOR110W
YOR112W; DI49_4948; DI49_4947	DI49_4948; DI49_4947	YOR112W
YOR113W; DI49_4949	DI49_4949	YOR113W
YOR114W; DI49_4950; YOR115C	DI49_4950	YOR114W; YOR115C
YOR117W; DI49_4953; YOR118W	DI49_4953	YOR117W; YOR118W
YOR120W; YOR119C		YOR120W; YOR119C
YOR123C; YOR122C		YOR123C; YOR122C
YOR125C; DI49_4960; YOR126C	DI49_4960	YOR125C; YOR126C
YOR128C; DI49_4963; YOR129C	DI49_4963	YOR128C; YOR129C
SPGP0K02830; DI49_0561; DI49_0562	DI49_0561; DI49_0562	SPGP0K02830
SPGP0DP00100; SPGP0FH00100; DI49_1599; SPGP0FI00100	DI49_1599	SPGP0DP00100; SPGP0FH00100; SPGP0FI00100
YNL333W; DI49_4016; DI49_2435	DI49_4016; DI49_2435	YNL333W
DI49_3677; DI49_3678	DI49_3677; DI49_3678	
DI49_3675; DI49_3676	DI49_3675; DI49_3676	
DI49_3673; DI49_3674	DI49_3673; DI49_3674	
DI49_3671; DI49_3672	DI49_3671; DI49_3672	
DI49_3669; DI49_3670	DI49_3669; DI49_3670	
DI49_3667; DI49_3668	DI49_3667; DI49_3668	
DI49_3662; SPGP0DU00250	DI49_3662	SPGP0DU00250
DI49_3660; DI49_3661	DI49_3660; DI49_3661	
DI49_3658; DI49_3659	DI49_3658; DI49_3659	
DI49_3656; DI49_3657; YGR087C; YGR086C	DI49_3656; DI49_3657	YGR087C; YGR086C
DI49_3654; DI49_3655	DI49_3654; DI49_3655	
DI49_3652; DI49_3653	DI49_3652; DI49_3653	
DI49_3650; DI49_3651	DI49_3650; DI49_3651	
DI49_3648; DI49_3649	DI49_3648; DI49_3649	
DI49_3646; DI49_3647	DI49_3646; DI49_3647	
DI49_3644; DI49_3645	DI49_3644; DI49_3645	
DI49_3642; DI49_3643	DI49_3642; DI49_3643	
DI49_3640; DI49_3641	DI49_3640; DI49_3641	
DI49_3636; DI49_3637	DI49_3636; DI49_3637	
DI49_3634; DI49_3635	DI49_3634; DI49_3635	
DI49_3632; DI49_3633	DI49_3632; DI49_3633	
DI49_3630; DI49_3631	DI49_3630; DI49_3631	
DI49_3628; DI49_3629	DI49_3628; DI49_3629	
DI49_3626; DI49_3627	DI49_3626; DI49_3627	

DI49_3625; SPGP0DU00620	DI49_3625	SPGP0DU00620	
DI49_3623; DI49_3624	DI49_3623; DI49_3624		
DI49_3621; DI49_3622	DI49_3621; DI49_3622		
DI49_3619; DI49_3620	DI49_3619; DI49_3620		
DI49_3617; DI49_3618	DI49_3617; DI49_3618		
DI49_3615; DI49_3616	DI49_3615; DI49_3616		
DI49_3613; DI49_3614	DI49_3613; DI49_3614		
DI49_3611; DI49_3612	DI49_3611; DI49_3612		
DI49_3609; DI49_3610	DI49_3609; DI49_3610		
DI49_3606; DI49_3607	DI49_3606; DI49_3607		
DI49_3604; DI49_3605	DI49_3604; DI49_3605		
DI49_3602; DI49_3603	DI49_3602; DI49_3603		
DI49_3600; DI49_3601	DI49_3600; DI49_3601		
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DI49_3596; DI49_3597	DI49_3596; DI49_3597		
DI49_3594; DI49_3595	DI49_3594; DI49_3595		
DI49_3592; DI49_3593	DI49_3592; DI49_3593		
DI49_3590; DI49_3591	DI49_3590; DI49_3591		
DI49_3588; DI49_3589	DI49_3588; DI49_3589		
DI49_3586; DI49_3587	DI49_3586; DI49_3587		
DI49_3584; DI49_3585	DI49_3584; DI49_3585		
DI49_3582; DI49_3583	DI49_3582; DI49_3583		
DI49_3580; DI49_3581	DI49_3580; DI49_3581		
DI49_3578; DI49_3579	DI49_3578; DI49_3579		
SPGP0DU01110; YGR214W; DI49_3575	DI49_3575	SPGP0DU01110	YGR214W
DI49_3573; DI49_3574	DI49_3573; DI49_3574		
DI49_3571; DI49_3572	DI49_3571; DI49_3572		
DI49_3569; DI49_3570	DI49_3569; DI49_3570		
DI49_3567; DI49_3568	DI49_3567; DI49_3568		
DI49_3565; DI49_3566; YPL282C; DI49_0506; DI49_1345; DI49_1346; DI49_1756; DI49_1755	DI49_3565; DI49_3566; DI49_0506; DI49_1345; DI49_1346; DI49_1756; DI49_1755		YPL282C
DI49_3561; DI49_3562	DI49_3561; DI49_3562		
DI49_3559; DI49_3560	DI49_3559; DI49_3560		
DI49_3555; DI49_3556	DI49_3555; DI49_3556		
DI49_3553; DI49_3554	DI49_3553; DI49_3554		
DI49_3551; DI49_3552	DI49_3551; DI49_3552		
DI49_3549; DI49_3550	DI49_3549; DI49_3550		
DI49_3547; DI49_3548	DI49_3547; DI49_3548		
DI49_3545; DI49_3546	DI49_3545; DI49_3546		
DI49_3543; DI49_3544	DI49_3543; DI49_3544		

DI49_3541; DI49_3542	DI49_3541; DI49_3542	SPGP0DUtrna8S		
DI49_3539; DI49_3540	DI49_3539; DI49_3540			
DI49_3537; SPGP0DUtrna8S	DI49_3537			
DI49_3535; DI49_3536	DI49_3535; DI49_3536			
DI49_3533; DI49_3534	DI49_3533; DI49_3534			
DI49_3531; DI49_3532	DI49_3531; DI49_3532			
YLR002C; DI49_3530	DI49_3530			YLR002C
DI49_3528; DI49_3529	DI49_3528; DI49_3529			
DI49_3526; DI49_3527	DI49_3526; DI49_3527			
DI49_3524; DI49_3525	DI49_3524; DI49_3525			
DI49_3522; DI49_3523	DI49_3522; DI49_3523			
DI49_3520; DI49_3521	DI49_3520; DI49_3521			
DI49_3518; DI49_3519	DI49_3518; DI49_3519			
DI49_3516; DI49_3517	DI49_3516; DI49_3517			
DI49_3514; DI49_3515	DI49_3514; DI49_3515			
DI49_3512; DI49_3513	DI49_3512; DI49_3513			
DI49_3510; DI49_3511	DI49_3510; DI49_3511			
DI49_4740; YNR004W; DI49_4741; YNR006W	DI49_4740; DI49_4741	YNR004W; YNR006W		
DI49_4743; DI49_4742	DI49_4743; DI49_4742			
DI49_4745; DI49_4744	DI49_4745; DI49_4744			
DI49_4747; YNR012W	DI49_4747	YNR012W		
DI49_4748; YNR013C; DI49_4749; YNR014W	DI49_4748; DI49_4749	YNR013C; YNR014W		
DI49_4751; YNR016C	DI49_4751	YNR016C		
DI49_4752; YNR017W; DI49_4753; YNR018W	DI49_4752; DI49_4753	YNR017W; YNR018W		
DI49_4755; DI49_4754; DI49_4756	DI49_4755; DI49_4754; DI49_4756			
DI49_4758; DI49_4757	DI49_4758; DI49_4757			
SPGP0DV00330; DI49_4759	DI49_4759	SPGP0DV00330		
DI49_4761; DI49_4760	DI49_4761; DI49_4760			
DI49_4763; YNR031C; DI49_4764; YNR032W	DI49_4763; DI49_4764	YNR031C; YNR032W		
DI49_4766; DI49_4765	DI49_4766; DI49_4765			
DI49_4768; DI49_4767	DI49_4768; DI49_4767			
DI49_4770; DI49_4769	DI49_4770; DI49_4769			
DI49_4772; DI49_4771	DI49_4772; DI49_4771			
DI49_4774; DI49_4773	DI49_4774; DI49_4773			
DI49_4776; DI49_4775	DI49_4776; DI49_4775			
DI49_4778; DI49_4777	DI49_4778; DI49_4777			
DI49_4780; YNR047W; DI49_4781; YNR048W; YCR091W; YCR092C	DI49_4780; DI49_4781	YNR047W; YNR048W; YCR091W; YCR092C		
DI49_4783; YNR050C; DI49_4784; YNR051C	DI49_4783; DI49_4784	YNR050C; YNR051C		
SPGP0DV00600; YNR053C		SPGP0DV00600	YNR053C	
DI49_4786; YNR054C; DI49_4787	DI49_4786; DI49_4787		YNR054C	

DI49_4790; YNR055C; DI49_4791; YNR056C	DI49_4790; DI49_4791	YNR055C; YNR056C
DI49_4793; DI49_4792	DI49_4793; DI49_4792	
YCR098C; DI49_4420; YCR100C	DI49_4420	YCR098C; YCR100C
DI49_3960; YCR102C	DI49_3960	YCR102C
DI49_3962; DI49_3961	DI49_3962; DI49_3961	
DI49_3964; SPGP0DX00130	DI49_3964	SPGP0DX00130
DI49_3966; DI49_3965	DI49_3966; DI49_3965	
DI49_3968; DI49_3967	DI49_3968; DI49_3967	
DI49_3970; DI49_3969; DI49_4005; DI49_4006	DI49_3970; DI49_3969; DI49_4005; DI49_4006	
DI49_3972; DI49_3971	DI49_3972; DI49_3971	
DI49_3974; DI49_3973	DI49_3974; DI49_3973	
DI49_3976; DI49_3975	DI49_3976; DI49_3975	
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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; SPGP0DX00430	DI49_3993	SPGP0DX00430
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_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	
DI49_4015; DI49_4014	DI49_4015; DI49_4014	
YNL335W; YNL334C		YNL335W; YNL334C
DI49_4968; YOR132W; DI49_4967	DI49_4968; DI49_4967	YOR132W
DI49_4965; YOR130C; DI49_4964	DI49_4965; DI49_4964	YOR130C
DI49_4962; YOR127W; DI49_4961	DI49_4962; DI49_4961	YOR127W
DI49_4959; YOR124C; DI49_4958	DI49_4959; DI49_4958	YOR124C
DI49_4956; DI49_4957	DI49_4956; DI49_4957	
DI49_4954; DI49_4955	DI49_4954; DI49_4955	
DI49_4952; YOR116C; DI49_4951	DI49_4952; DI49_4951	YOR116C
DI49_4933; YOR095C; DI49_4932	DI49_4933; DI49_4932	YOR095C

DI49_4930; YOR092W; DI49_4929	DI49_4930; DI49_4929	YOR092W
DI49_4927; DI49_4928	DI49_4927; DI49_4928	
DI49_4924; YOR086C; DI49_4923	DI49_4924; DI49_4923	YOR086C
SPGP0L00550; DI49_4922	DI49_4922	SPGP0L00550
DI49_4921; SPGP0L00560	DI49_4921	SPGP0L00560
DI49_4919; DI49_4920	DI49_4919; DI49_4920	
DI49_4917; DI49_4918	DI49_4917; DI49_4918	
DI49_4908; YOR065W; DI49_4907	DI49_4908; DI49_4907	YOR065W
DI49_4903; DI49_4904	DI49_4903; DI49_4904	
DI49_4901; DI49_4902	DI49_4901; DI49_4902	
DI49_4898; YOR057W; DI49_4897	DI49_4898; DI49_4897	YOR057W
DI49_4895; DI49_4896	DI49_4895; DI49_4896	
DI49_4893; DI49_4894	DI49_4893; DI49_4894	
DI49_4882; YOR037W; DI49_4881	DI49_4882; DI49_4881	YOR037W
DI49_4879; DI49_4880	DI49_4879; DI49_4880	
DI49_4877; DI49_4878	DI49_4877; DI49_4878	
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DI49_4869; DI49_4870	DI49_4869; DI49_4870	
DI49_4867; DI49_4868	DI49_4867; DI49_4868	
DI49_4861; YHR012W; DI49_4860	DI49_4861; DI49_4860	YHR012W
DI49_4859; YHR009C	DI49_4859	YHR009C
DI49_4858; YHR008C	DI49_4858	YHR008C
DI49_4857; YHR007C; DI49_4856	DI49_4857; DI49_4856	YHR007C
DI49_4852; DI49_4853	DI49_4852; DI49_4853	
DI49_4850; YHR002W; DI49_4849	DI49_4850; DI49_4849	YHR002W
DI49_4846; YHL002W	DI49_4846	YHL002W
DI49_4845; YHL003C; DI49_4844	DI49_4845; DI49_4844	YHL003C
DI49_4842; YHL007C; YHL006C	DI49_4842	YHL007C; YHL006C
DI49_4841; YHL008C	DI49_4841	YHL008C
DI49_4837; YHL011C; DI49_4836	DI49_4837; DI49_4836	YHL011C
DI49_4834; DI49_4835	DI49_4834; DI49_4835	
DI49_4832; YHL016C	DI49_4832	YHL016C
DI49_4831; YHL017W; DI49_4830	DI49_4831; DI49_4830	YHL017W
DI49_4828; YHL020C; DI49_4827; YHL019C	DI49_4828; DI49_4827	YHL020C; YHL019C
DI49_4824; YHL023C	DI49_4824	YHL023C
DI49_4823; YHL024W; DI49_4822	DI49_4823; DI49_4822	YHL024W
DI49_4820; DI49_4821	DI49_4820; DI49_4821	
DI49_4818; YHL029C; YHL028W	DI49_4818	YHL029C; YHL028W

DI49_4817; YHL030W	DI49_4817	YHL030W
DI49_4816; YHL031C	DI49_4816	YHL031C
SPGP0L01580; YHL032C		YHL032C
SPGP0L01590; DI49_3489; YHL033C; DI49_3490	DI49_3489; DI49_3490	YHL033C
DI49_4814; YHL034C; DI49_4813	DI49_4814; DI49_4813	YHL034C
DI49_4811; DI49_4812	DI49_4811; DI49_4812	
DI49_4809; DI49_4810	DI49_4809; DI49_4810	
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DI49_4988; DI49_4987; YDR406W; DI49_0582	DI49_4988; DI49_4987; DI49_0582	YDR406W
DI49_4990; DI49_4989	DI49_4990; DI49_4989	
DI49_4992; DI49_4991	DI49_4992; DI49_4991	
DI49_4994; DI49_4993	DI49_4994; DI49_4993	
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DI49_5018; DI49_5017; DI49_3800; DI49_3799	DI49_5018; DI49_5017; DI49_3800; DI49_3799	
SPGP0DZ00590; DI49_5019	DI49_5019	SPGP0DZ00590
DI49_5021; DI49_5020	DI49_5021; DI49_5020	
SPGP0DZtrna2M; DI49_5351; DI49_5024; DI49_3051; DI49_5350; SPGP0AAtrna10M; YJR043C; SPGP0Gtrna13M	DI49_5351; DI49_5024; DI49_3051; DI49_5350	SPGP0DZtrna2M; SPGP0AAtrna10M; SPGP0Gtrna13M YJR043C
DI49_5026; DI49_5025	DI49_5026; DI49_5025	
DI49_5028; DI49_5027	DI49_5028; DI49_5027	
DI49_5030; DI49_5029	DI49_5030; DI49_5029	
DI49_5032; SPGP0Z01180; DI49_5033; YNL112W; DI49_4621	DI49_5032; DI49_5033; DI49_4621	YNL112W
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DI49_5046; SPGP0DZ00850	DI49_5046	SPGP0DZ00850
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DI49_5115; DI49_5114	DI49_5115; DI49_5114	
DI49_5117; DI49_5116	DI49_5117; DI49_5116	
DI49_5119; DI49_5118	DI49_5119; DI49_5118	

YOR302W; DI49_5120	DI49_5120		YOR302W
DI49_5123; YGL150C; DI49_5124	DI49_5123; DI49_5124		YGL150C
DI49_5126; DI49_5125	DI49_5126; DI49_5125		
DI49_5128; DI49_5127	DI49_5128; DI49_5127		
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DI49_5148; YOR335C	DI49_5148		YOR335C
DI49_5150; DI49_5149	DI49_5150; DI49_5149		
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DI49_5156; DI49_4243; SPGP0Rtrna5M; DI49_3010; SPGP0Strna7M; DI49_4242; DI49_0528	DI49_5156; DI49_4243; DI49_3010; DI49_4242; DI49_0528	SPGP0Rtrna5M; SPGP0Strna7M	
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DI49_5161; DI49_5160	DI49_5161; DI49_5160		
DI49_5164; DI49_5163	DI49_5164; DI49_5163		
DI49_5166; DI49_5165	DI49_5166; DI49_5165		
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DI49_5176; DI49_5175	DI49_5176; DI49_5175		
DI49_5178; DI49_5177	DI49_5178; DI49_5177		
DI49_5180; DI49_5179	DI49_5180; DI49_5179		
DI49_5182; DI49_5181	DI49_5182; DI49_5181		
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DI49_5186; DI49_5185	DI49_5186; DI49_5185		
DI49_5191; DI49_5190	DI49_5191; DI49_5190		
DI49_5685; DI49_5192	DI49_5685; DI49_5192		
DI49_5683; DI49_5684	DI49_5683; DI49_5684		
DI49_5679; YEL071W; YEL070W	DI49_5679		YEL071W; YEL070W
YAL067C; DI49_3158; SPGP0EA00110; DI49_3159	DI49_3158; DI49_3159	SPGP0EA00110	YAL067C
YPL283C; SPGP0BI00100; YMR182C		SPGP0BI00100	YPL283C; YMR182C
DI49_3944; DI49_3943	DI49_3944; DI49_3943		

DI49_3946; DI49_3945	DI49_3946; DI49_3945		
DI49_3951; DI49_3950	DI49_3951; DI49_3950		
DI49_2572; DI49_2571	DI49_2572; DI49_2571		
DI49_2574; DI49_2573	DI49_2574; DI49_2573		
DI49_2576; DI49_2575	DI49_2576; DI49_2575		
SPGP0EH00100; DI49_2501	DI49_2501	SPGP0EH00100	
YNL331C; SPGP0C00100; YDL241W		SPGP0C00100	YNL331C; YDL241W
YNL330C; DI49_4422; YNL329C; DI49_4421	DI49_4422; DI49_4421		YNL330C; YNL329C
YNL327W; YNL328C; DI49_4424; DI49_4423	DI49_4424; DI49_4423		YNL327W; YNL328C
YNL325C; DI49_4427; DI49_4426	DI49_4427; DI49_4426		YNL325C
YNL323W; DI49_4428	DI49_4428		YNL323W
YNL322C; DI49_4429	DI49_4429		YNL322C
YNL321W; DI49_4430	DI49_4430		YNL321W
YNL320W; DI49_4431; YNL318C	DI49_4431		YNL320W; YNL318C
YNL316C; YNL317W			YNL316C; YNL317W
YNL314W; YNL315C			YNL314W; YNL315C
YNL312W; YNL313C			YNL312W; YNL313C
YNL310C; YNL311C			YNL310C; YNL311C
YNL308C; YNL309W			YNL308C; YNL309W
YNL306W; YNL307C; DI49_4443; DI49_4442	DI49_4443; DI49_4442		YNL306W; YNL307C
YNL304W; DI49_4446; DI49_4445	DI49_4446; DI49_4445		YNL304W
SPGP0M00370; YNL301C; YNL300W; YOL120C		SPGP0M00370	YNL301C; YNL300W; YOL120C
YNL298W; DI49_4450; YNL297C; DI49_4449	DI49_4450; DI49_4449		YNL298W; YNL297C
YNL294C; YNL295W			YNL294C; YNL295W
YNL292W; DI49_4455; YNL291C	DI49_4455		YNL292W; YNL291C
YNL289W; DI49_4458; DI49_4457	DI49_4458; DI49_4457		YNL289W
YNL288W; DI49_4459	DI49_4459		YNL288W
YNL287W; DI49_4460; YNL286W	DI49_4460		YNL287W; YNL286W
YNL283C; DI49_4467; YNL282W	DI49_4467		YNL283C; YNL282W
YNL280C; DI49_4470; YNL279W; DI49_4469	DI49_4470; DI49_4469		YNL280C; YNL279W
YNL277W; YNL278W			YNL277W; YNL278W
YNL274C; DI49_4475; YNL273W; DI49_4474	DI49_4475; DI49_4474		YNL274C; YNL273W
YNL271C; DI49_4478	DI49_4478		YNL271C
YNL270C; YNL268W; DI49_4480; DI49_4479	DI49_4480; DI49_4479		YNL270C; YNL268W
YNL267W; DI49_4481	DI49_4481		YNL267W
YNL265C; DI49_4482; YNL264C	DI49_4482		YNL265C; YNL264C
YNL262W; DI49_4485; YNL261W	DI49_4485		YNL262W; YNL261W
YNL259C; YNL260C			YNL259C; YNL260C
YNL257C; YNL258C			YNL257C; YNL258C
YNL255C; DI49_4492	DI49_4492		YNL255C

YNL254C; DI49_4493; YNL253W	DI49_4493	YNL254C; YNL253W
YNL251C; DI49_4496; DI49_4495	DI49_4496; DI49_4495	YNL251C
YNL250W; DI49_4497	DI49_4497	YNL250W
YNL249C; DI49_4498	DI49_4498	YNL249C
YNL248C; DI49_4499	DI49_4499	YNL248C
YNL247W; DI49_4500; YNL246W	DI49_4500	YNL247W; YNL246W
YNL244C; DI49_4503; YNL243W; DI49_4502	DI49_4503; DI49_4502	YNL244C; YNL243W
YNL241C; DI49_4506; YNL240C	DI49_4506	YNL241C; YNL240C
YNL238W; YNL239W		YNL238W; YNL239W
YNL236W; YNL237W		YNL236W; YNL237W
YNL233W; DI49_4513; DI49_4512	DI49_4513; DI49_4512	YNL233W
YNL232W; DI49_4514; YNL231C	DI49_4514	YNL232W; YNL231C
YNL229C; YNL230C		YNL229C; YNL230C
YNL225C; DI49_4519	DI49_4519	YNL225C
YNL224C; DI49_4520	DI49_4520	YNL224C
YNL223W; DI49_4521	DI49_4521	YNL223W
YNL222W; DI49_4522; YNL221C	DI49_4522	YNL222W; YNL221C
YNL219C; YNL220W		YNL219C; YNL220W
YNL217W; YNL218W		YNL217W; YNL218W
YNL215W; YNL216W		YNL215W; YNL216W
YNL213C; YNL214W		YNL213C; YNL214W
YNL211C; YNL212W; DI49_4532; DI49_4531	DI49_4532; DI49_4531	YNL211C; YNL212W
YNL209W; YDL229W; YNL208W		YNL209W; YDL229W; YNL208W
YNL206C; DI49_4538; YNL204C	DI49_4538	YNL206C; YNL204C
YNL201C; DI49_4541; YNL200C	DI49_4541	YNL201C; YNL200C
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YNL195C; YNL196C		YNL195C; YNL196C
YNL193W; YNL194C		YNL193W; YNL194C
YNL191W; DI49_4550	DI49_4550	YNL191W
YNL190W; DI49_4551	DI49_4551	YNL190W
YNL189W; DI49_4552	DI49_4552	YNL189W
YNL188W; DI49_4553; YNL187W	DI49_4553	YNL188W; YNL187W
YNL185C; DI49_4556	DI49_4556	YNL185C
YNL183C; DI49_4557	DI49_4557	YNL183C
YNL182C; DI49_4558; YNL181W	DI49_4558	YNL182C; YNL181W
YNL178W; DI49_4561; YNL177C	DI49_4561	YNL178W; YNL177C
YNL175C; DI49_4564; YNL173C; DI49_4563	DI49_4564; DI49_4563	YNL175C; YNL173C
YNL169C; DI49_4567; YNL168C	DI49_4567	YNL169C; YNL168C
YNL166C; YNL167C		YNL166C; YNL167C
YNL164C; DI49_4572; DI49_4571	DI49_4572; DI49_4571	YNL164C

YNL163C; DI49_4573; YNL162W-A	DI49_4573		YNL163C; YNL162W-A
YNL161W; YNL162W; SPGP0P00350; DI49_2543; YHR141C	DI49_2543	SPGP0P00350	YNL161W; YNL162W; YHR141C
YNL159C; YNL160W; DI49_4577; DI49_4576	DI49_4577; DI49_4576		YNL159C; YNL160W
YNL157W; DI49_4580; YNL156C; DI49_4579	DI49_4580; DI49_4579		YNL157W; YNL156C
YNL154C; DI49_4583; YNL153C; DI49_4582	DI49_4583; DI49_4582		YNL154C; YNL153C
YNL151C; YNL152W			YNL151C; YNL152W
YNL148C; YNL149C			YNL148C; YNL149C
YNL146W; YNL147W			YNL146W; YNL147W
YNL144C; YNL145W			YNL144C; YNL145W
YNL139C; DI49_4595; YNL138W-A; DI49_4594	DI49_4595; DI49_4594		YNL139C; YNL138W-A
YNL137C; DI49_4598	DI49_4598		YNL137C
YNL136W; DI49_4599	DI49_4599		YNL136W
YNL135C; DI49_4600; YNL134C	DI49_4600		YNL135C; YNL134C
YNL132W; DI49_4604	DI49_4604		YNL132W
YNL131W; DI49_4605; YNL130C	DI49_4605		YNL131W; YNL130C
YNL128W; DI49_4608; DI49_4607	DI49_4608; DI49_4607		YNL128W
YNL127W; DI49_4609	DI49_4609		YNL127W
YNL126W; DI49_4610; YNL125C	DI49_4610		YNL126W; YNL125C
YNL123W; DI49_4613	DI49_4613		YNL123W
YNL122C; DI49_4614; YNL121C	DI49_4614		YNL122C; YNL121C
YNL118C; DI49_4617; DI49_4616	DI49_4617; DI49_4616		YNL118C
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YNL116W; DI49_4619; YNL115C	DI49_4619		YNL116W; YNL115C
YNL111C; DI49_4622	DI49_4622		YNL111C
YNL110C; DI49_4623; YNL108C	DI49_4623		YNL110C; YNL108C
YNL106C; DI49_4626; DI49_4625	DI49_4626; DI49_4625		YNL106C
YNL101W; DI49_4630; YNL100W	DI49_4630		YNL101W; YNL100W
YNL098C; DI49_4633; DI49_4632	DI49_4633; DI49_4632		YNL098C
YNL097C; DI49_4634	DI49_4634		YNL097C
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YNL087W; YNL088W; DI49_4643; DI49_4642	DI49_4643; DI49_4642		YNL087W; YNL088W
YNL085W; DI49_4646; DI49_4645	DI49_4646; DI49_4645		YNL085W
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YNL082W; DI49_4649	DI49_4649		YNL082W
YNL081C; DI49_4650	DI49_4650		YNL081C
YNL080C; DI49_4651	DI49_4651		YNL080C
YNL079C; DI49_4652; YNL078W	DI49_4652		YNL079C; YNL078W

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YNL074C; YNL075W			YNL074C; YNL075W
YNL072W; YNL073W			YNL072W; YNL073W
YNL070W; DI49_4661	DI49_4661		YNL070W
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YNL061W; DI49_4670	DI49_4670		YNL061W
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YNL055C; DI49_4674; DI49_4673	DI49_4674; DI49_4673		YNL055C
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YNL051W; YNL052W			YNL051W; YNL052W
YNL049C; DI49_4681; DI49_4680	DI49_4681; DI49_4680		YNL049C
YNL048W; DI49_4682; YNL047C	DI49_4682		YNL048W; YNL047C
YNL045W; YNL046W			YNL045W; YNL046W
YNL040W; YNL041C; DI49_4689; DI49_4688	DI49_4689; DI49_4688		YNL040W; YNL041C
YNL038W; YNL039W			YNL038W; YNL039W
YNL036W; YNL037C			YNL036W; YNL037C
SPGP0M02780; YNL018C		SPGP0M02780	YNL018C
SPGP0M02790; YNL019C		SPGP0M02790	YNL019C
YNL020C; DI49_4717; YNL021W	DI49_4717		YNL020C; YNL021W
YNL023C; DI49_4714	DI49_4714		YNL023C
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YNL026W; YNL025C			YNL026W; YNL025C
YNL029C; YNL027W			YNL029C; YNL027W
YNL032W; DI49_4705	DI49_4705		YNL032W
YNL016W; DI49_4721; YNL015W	DI49_4721		YNL016W; YNL015W
YNL012W; SPGP0Z00220		SPGP0Z00220	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
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YNR008W; YNR007C			YNR008W; YNR007C
YNR010W; YNR009W			YNR010W; YNR009W
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YNR022C; YNR021W			YNR022C; YNR021W

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YNR029C; YNR028W			YNR029C; YNR028W
YNR033W; YNR032C-A			YNR033W; YNR032C-A
YNR034W-A; YNR034W			YNR034W-A; YNR034W
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YNR038W; YNR037C			YNR038W; YNR037C
YNR040W; YNR039C			YNR040W; YNR039C
YNR043W; YNR041C			YNR043W; YNR041C
YNR045W; YNR044W			YNR045W; YNR044W
YNR058W; SPGP0M03650		SPGP0M03650	YNR058W
YNR060W; YNR059W			YNR060W; YNR059W
SPGP0M03700; YNR061C		SPGP0M03700	YNR061C
YNR064C; YNR063W			YNR064C; YNR063W
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YNR074C; SPGP0M03780; YNR075W; YEL069C; YEL066W		SPGP0M03780	YNR074C; YNR075W; YEL069C; YEL066W
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DI49_5527; DI49_5528	DI49_5527; DI49_5528		
DI49_4375; DI49_1600	DI49_4375; DI49_1600		
DI49_4377; DI49_4376	DI49_4377; DI49_4376		
YPL276W; YPL275W			YPL276W; YPL275W
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YGL262W; SPGP0ER00120		SPGP0ER00120	YGL262W
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DI49_3906; DI49_3907	DI49_3906; DI49_3907		
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DI49_2566; DI49_2567; YHR164C	DI49_2566; DI49_2567		YHR164C
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DI49_2557; YHR154W; DI49_2556	DI49_2557; DI49_2556		YHR154W
DI49_2554; DI49_2555	DI49_2554; DI49_2555		
DI49_2552; YHR149C; YHR150W	DI49_2552		YHR149C; YHR150W
DI49_2551; YHR148W	DI49_2551		YHR148W
DI49_2550; YHR147C; DI49_2549	DI49_2550; DI49_2549		YHR147C
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DI49_2545; DI49_2546	DI49_2545; DI49_2546		
DI49_2541; DI49_2542	DI49_2541; DI49_2542		
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DI49_2532; YHR128W; DI49_2531	DI49_2532; DI49_2531		YHR128W
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DI49_2526; DI49_2527	DI49_2526; DI49_2527		

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DI49_2521; DI49_2522	DI49_2521; DI49_2522		
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DI49_2516; DI49_2517	DI49_2516; DI49_2517		
DI49_2514; DI49_2515	DI49_2514; DI49_2515		
DI49_2512; YHR107C; DI49_2511; YHR108W	DI49_2512; DI49_2511		YHR107C; YHR108W
DI49_2509; DI49_2510	DI49_2509; DI49_2510		
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DI49_2504; YHR099W; YHR100C	DI49_2504		YHR099W; YHR100C
DI49_2503; YHR098C; DI49_2502	DI49_2503; DI49_2502		YHR098C
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DI49_2496; YHR089C; DI49_2495; YHR090C	DI49_2496; DI49_2495		YHR089C; YHR090C
DI49_2493; YHR086W	DI49_2493		YHR086W
DI49_2492; YHR085W	DI49_2492		YHR085W
DI49_2491; YHR084W; DI49_2490	DI49_2491; DI49_2490		YHR084W
DI49_2488; DI49_2489	DI49_2488; DI49_2489		
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DI49_2484; DI49_2485	DI49_2484; DI49_2485		
DI49_2482; DI49_2483	DI49_2482; DI49_2483		
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DI49_2479; YHR074W; DI49_2478	DI49_2479; DI49_2478		YHR074W
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DI49_2468; YHR065C	DI49_2468		YHR065C
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DI49_2466; YHR063C; DI49_2465	DI49_2466; DI49_2465		YHR063C
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DI49_2461; DI49_2462; YHR059W; YHR060W	DI49_2461; DI49_2462		YHR059W; YHR060W
DI49_2459; YHR056C; DI49_2458; YHR057C	DI49_2459; DI49_2458		YHR056C; YHR057C
DI49_2456; YHR051W; DI49_2455	DI49_2456; DI49_2455		YHR051W
DI49_2453; DI49_2454	DI49_2453; DI49_2454		
DI49_2451; DI49_2452	DI49_2451; DI49_2452		
DI49_2449; DI49_2450	DI49_2449; DI49_2450		
DI49_2447; DI49_2448	DI49_2447; DI49_2448		
SPGP0P01340; YHR039C-A; DI49_2445	DI49_2445	SPGP0P01340	YHR039C-A
DI49_2443; YHR037W; YHR038W	DI49_2443		YHR037W; YHR038W
DI49_2442; YHR036W	DI49_2442		YHR036W
DI49_2441; DI49_2440	DI49_2441; DI49_2440		

DI49_2439; YHR033W; YHR034C	DI49_2439	YHR033W; YHR034C
DI49_2438; YHR032W	DI49_2438	YHR032W
DI49_2436; YHR030C; YHR031C	DI49_2436	YHR030C; YHR031C
DI49_2434; YHR028C; YHR029C	DI49_2434	YHR028C; YHR029C
DI49_2433; YHR027C	DI49_2433	YHR027C
DI49_2432; YHR026W	DI49_2432	YHR026W
DI49_2431; YHR025W; DI49_2430	DI49_2431; DI49_2430	YHR025W
SPGP0P01520; YHR021C; YHR022C	SPGP0P01520	YHR021C; YHR022C
DI49_2427; YHR020W	DI49_2427	YHR020W
DI49_2426; YHR019C	DI49_2426	YHR019C
DI49_2425; YHR018C	DI49_2425	YHR018C
DI49_2424; YHR017W; DI49_2423	DI49_2424; DI49_2423	YHR017W
DI49_2417; YOR014W; DI49_2416	DI49_2417; DI49_2416	YOR014W
DI49_2412; YOR009W; DI49_2411	DI49_2412; DI49_2411	YOR009W
DI49_2407; YOR005C; DI49_2406	DI49_2407; DI49_2406	YOR005C
DI49_2403; YOR001W; DI49_2402	DI49_2403; DI49_2402	YOR001W
DI49_2396; DI49_2397	DI49_2396; DI49_2397	
DI49_2383; DI49_2384	DI49_2383; DI49_2384	
DI49_2371; DI49_2372	DI49_2371; DI49_2372	
DI49_2369; DI49_2370	DI49_2369; DI49_2370	
DI49_2367; DI49_2368	DI49_2367; DI49_2368	
DI49_2359; DI49_2360	DI49_2359; DI49_2360	
DI49_2356; SPGP0P02190	DI49_2356	SPGP0P02190
DI49_2354; YOL052C; DI49_2353	DI49_2354; DI49_2353	YOL052C
DI49_2351; DI49_2352	DI49_2351; DI49_2352	
DI49_2342; YOL062C; DI49_2341	DI49_2342; DI49_2341	YOL062C
DI49_2339; DI49_2340	DI49_2339; DI49_2340	
DI49_2337; DI49_2338	DI49_2337; DI49_2338	
DI49_2326; DI49_2327	DI49_2326; DI49_2327	
DI49_2321; DI49_2322	DI49_2321; DI49_2322	
DI49_2319; DI49_2320; DI49_4390; DI49_4391	DI49_2319; DI49_2320; DI49_4390; DI49_4391	
DI49_2317; DI49_2318	DI49_2317; DI49_2318	
DI49_2304; YOL102C; DI49_2303	DI49_2304; DI49_2303	YOL102C
DI49_2301; DI49_2302	DI49_2301; DI49_2302	
DI49_2292; DI49_2293	DI49_2292; DI49_2293	
DI49_2283; YOL124C; DI49_2282	DI49_2283; DI49_2282	YOL124C
DI49_2277; DI49_1607; DI49_2276	DI49_2277; DI49_1607; DI49_2276	
DI49_2268; YOL140W; DI49_2267	DI49_2268; DI49_2267	YOL140W
DI49_2265; YOL143C; DI49_2264	DI49_2265; DI49_2264	YOL143C
DI49_2262; DI49_2263	DI49_2262; DI49_2263	

DI49_2254; DI49_2255	DI49_2254; DI49_2255		
SPGP0P03210; YGR289C; DI49_3910; SPGP0Q00150; YGR288W	DI49_3910	SPGP0P03210; SPGP0Q00150	YGR289C; YGR288W
DI49_3912; DI49_3911	DI49_3912; DI49_3911		
DI49_3914; DI49_3913	DI49_3914; DI49_3913		
YGR286C; SPGP0F00100		SPGP0F00100	YGR286C
DI49_2246; YGR285C	DI49_2246		YGR285C
DI49_2245; YGR284C; DI49_2244; YGR283C	DI49_2245; DI49_2244		YGR284C; YGR283C
DI49_2242; YGR281W; DI49_2241; YGR280C	DI49_2242; DI49_2241		YGR281W; YGR280C
SPGP0Q00260; DI49_2240	DI49_2240	SPGP0Q00260	
DI49_2238; YGR276C; DI49_2237; YGR275W	DI49_2238; DI49_2237		YGR276C; YGR275W
DI49_2235; DI49_2236	DI49_2235; DI49_2236		
DI49_2233; YGR271W	DI49_2233		YGR271W
DI49_2232; YGR270W; DI49_2231; YGR268C	DI49_2232; DI49_2231		YGR270W; YGR268C
DI49_2229; DI49_2230	DI49_2229; DI49_2230		
DI49_2227; YGR263C; DI49_2226; YGR262C	DI49_2227; DI49_2226		YGR263C; YGR262C
DI49_2224; YGR260W	DI49_2224		YGR260W
DI49_2223; YGR258C; DI49_2222; YGR257C	DI49_2223; DI49_2222		YGR258C; YGR257C
SPGP0Qtrna15T; SPGP0Altrna28T; DI49_2219; SPGP0Qtrna16T; DI49_2047; SPGP0ACtrna24T; DI49_5554; SPGP0AFtrna26T; YHR180W	DI49_2219; DI49_2047; DI49_5554	SPGP0Qtrna15T; SPGP0Altrna28T; SPGP0Qtrna16T; SPGP0ACtrna24T; SPGP0AFtrna26T	YHR180W
DI49_2217; YGR253C	DI49_2217		YGR253C
DI49_2216; YGR252W; DI49_2215; YGR251W	DI49_2216; DI49_2215		YGR252W; YGR251W
DI49_2213; DI49_2214	DI49_2213; DI49_2214		
DI49_2211; DI49_2212	DI49_2211; DI49_2212		
DI49_2209; YGR246C	DI49_2209		YGR246C
DI49_2208; YGR245C; DI49_2207; YGR244C	DI49_2208; DI49_2207		YGR245C; YGR244C
DI49_2205; DI49_2206	DI49_2205; DI49_2206		
DI49_2203; DI49_2204	DI49_2203; DI49_2204		
DI49_2201; DI49_2202	DI49_2201; DI49_2202		
DI49_2199; DI49_2200	DI49_2199; DI49_2200		
DI49_2197; DI49_2198	DI49_2197; DI49_2198		
DI49_2195; YGR231C; DI49_2194; YGR230W	DI49_2195; DI49_2194		YGR231C; YGR230W
DI49_2191; DI49_2192	DI49_2191; DI49_2192		
DI49_2190; SPGP0Q00740	DI49_2190	SPGP0Q00740	
DI49_2188; DI49_2189	DI49_2188; DI49_2189		
DI49_2186; YGR218W	DI49_2186		YGR218W
DI49_2184; YGR217W	DI49_2184		YGR217W
DI49_2183; YGR216C; DI49_2182	DI49_2183; DI49_2182		YGR216C
DI49_2180; DI49_2181; YGR213C	DI49_2180; DI49_2181		YGR213C
DI49_2178; DI49_2179	DI49_2178; DI49_2179		

DI49_2176; YGR209C	DI49_2176	YGR209C
DI49_2175; YGR208W; DI49_2174; YGR207C	DI49_2175; DI49_2174	YGR208W; YGR207C
DI49_2172; YGR205W	DI49_2172	YGR205W
DI49_2171; YGR204W; DI49_2170; YGR203W	DI49_2171; DI49_2170	YGR204W; YGR203W
DI49_2168; DI49_2169	DI49_2168; DI49_2169	
DI49_2166; DI49_2167	DI49_2166; DI49_2167	
DI49_2164; YGR197C; DI49_2163; YGR196C	DI49_2164; DI49_2163	YGR197C; YGR196C
DI49_2161; DI49_2162	DI49_2161; DI49_2162	
DI49_2159; DI49_3025	DI49_2159; DI49_3025	
DI49_2158; YGR191W	DI49_2158	YGR191W
DI49_2154; YGR188C; DI49_2153; YGR187C	DI49_2154; DI49_2153	YGR188C; YGR187C
DI49_2151; YGR185C	DI49_2151	YGR185C
DI49_2150; YGR184C; DI49_2149; YGR183C	DI49_2150; DI49_2149	YGR184C; YGR183C
DI49_2145; YGR180C; DI49_2144; YGR179C	DI49_2145; DI49_2144	YGR180C; YGR179C
DI49_2142; YGR177C	DI49_2142	YGR177C
DI49_2141; YGR175C	DI49_2141	YGR175C
DI49_2140; YGR174C	DI49_2140	YGR174C
DI49_2138; YGR173W	DI49_2138	YGR173W
DI49_2137; YGR172C	DI49_2137	YGR172C
DI49_2136; YGR171C	DI49_2136	YGR171C
DI49_2135; YGR170W; DI49_2134; YGR169C-A	DI49_2135; DI49_2134	YGR170W; YGR169C-A
DI49_2132; DI49_2133	DI49_2132; DI49_2133	
DI49_2130; DI49_2131	DI49_2130; DI49_2131	
DI49_2127; YGR163W	DI49_2127	YGR163W
DI49_2126; YGR162W	DI49_2126	YGR162W
DI49_2121; DI49_2122	DI49_2121; DI49_2122	
DI49_2119; YGR156W	DI49_2119	YGR156W
DI49_2118; YGR155W; DI49_2117; YGR154C	DI49_2118; DI49_2117	YGR155W; YGR154C
DI49_2112; DI49_1936; DI49_2111; DI49_1935; YGL032C	DI49_2112; DI49_1936; DI49_2111; DI49_1935	YGL032C
DI49_2108; YGR145W	DI49_2108	YGR145W
DI49_2107; YGR144W	DI49_2107	YGR144W
DI49_2105; YGR143W; DI49_5602	DI49_2105; DI49_5602	YGR143W
DI49_2103; YGR142W; DI49_2102; YGR141W	DI49_2103; DI49_2102	YGR142W; YGR141W
DI49_2100; DI49_2101	DI49_2100; DI49_2101	
DI49_2098; YGR136W	DI49_2098	YGR136W
DI49_2097; YGR135W	DI49_2097	YGR135W
DI49_2096; YGR134W	DI49_2096	YGR134W
DI49_2095; YGR133W; DI49_2094; YGR132C	DI49_2095; DI49_2094	YGR133W; YGR132C
DI49_2092; DI49_2093	DI49_2092; DI49_2093	
DI49_2090; DI49_2091	DI49_2090; DI49_2091	

DI49_2088; DI49_2089	DI49_2088; DI49_2089	
DI49_2086; YGR124W	DI49_2086	YGR124W
DI49_2084; YGR123C	DI49_2084	YGR123C
DI49_2079; YGR120C	DI49_2079	YGR120C
DI49_2078; YGR119C	DI49_2078	YGR119C
DI49_2077; DI49_5575; DI49_2076; DI49_5576; YGR118W; YGR117C	DI49_2077; DI49_5575; DI49_2076; DI49_5576	YGR118W; YGR117C
DI49_2074; DI49_2075	DI49_2074; DI49_2075	
DI49_2072; YGR111W; DI49_2071; YGR110W	DI49_2072; DI49_2071	YGR111W; YGR110W
DI49_2069; YGR109C; DI49_2068; YGR108W	DI49_2069; DI49_2068	YGR109C; YGR108W
DI49_2066; SPGP0Ftrna34L; DI49_2065; YGR106C	DI49_2066; DI49_2065	YGR106C
DI49_2063; DI49_2064	DI49_2063; DI49_2064	
DI49_2061; DI49_2062	DI49_2061; DI49_2062	
DI49_2059; YGR100W; DI49_2058; YGR099W	DI49_2059; DI49_2058	YGR100W; YGR099W
DI49_2056; YGR097W; DI49_2055; YGR096W	DI49_2056; DI49_2055	YGR097W; YGR096W
DI49_2053; YGR094W; DI49_2052; YGR093W	DI49_2053; DI49_2052	YGR094W; YGR093W
DI49_2050; DI49_2051	DI49_2050; DI49_2051	
DI49_2045; DI49_2046	DI49_2045; DI49_2046	
DI49_2043; DI49_2044	DI49_2043; DI49_2044	
DI49_2041; YGR084C; DI49_2040; YGR083C	DI49_2041; DI49_2040	YGR084C; YGR083C
DI49_2038; DI49_2039	DI49_2038; DI49_2039	
DI49_2036; YGR079W; DI49_2035; YGR077C	DI49_2036; DI49_2035	YGR079W; YGR077C
DI49_2033; DI49_2034	DI49_2033; DI49_2034	
DI49_2031; DI49_2032; YGR075C; YGR074W	DI49_2031; DI49_2032	YGR075C; YGR074W
DI49_2029; DI49_2030	DI49_2029; DI49_2030	
DI49_2027; YGR068C	DI49_2027	YGR068C
DI49_2026; YGR067C; DI49_2025; YGR066C	DI49_2026; DI49_2025	YGR067C; YGR066C
DI49_2024; SPGP0Q02210; SPGP0H00130; SPGP0H00140	DI49_2024	SPGP0Q02210; SPGP0H00130; SPGP0H00140
DI49_2022; DI49_2023	DI49_2022; DI49_2023	
DI49_2020; YGR060W; DI49_2019; YGR059W	DI49_2020; DI49_2019	YGR060W; YGR059W
DI49_2017; DI49_2018	DI49_2017; DI49_2018	
DI49_2015; YGR055W	DI49_2015	YGR055W
DI49_2014; YGR054W; DI49_2013; YGR053C	DI49_2014; DI49_2013	YGR054W; YGR053C
DI49_2011; YGR049W; DI49_2010; YGR048W	DI49_2011; DI49_2010	YGR049W; YGR048W
DI49_2008; YGR046W; DI49_2007; YGR044C	DI49_2008; DI49_2007	YGR046W; YGR044C
DI49_2005; DI49_2006	DI49_2005; DI49_2006	
DI49_2003; DI49_2004	DI49_2003; DI49_2004	
DI49_1999; YGR036C; DI49_1998; YGR035C	DI49_1999; DI49_1998	YGR036C; YGR035C
DI49_1996; YGR033C	DI49_1996	YGR033C
DI49_1994; YGR031W; DI49_1993; YGR030C	DI49_1994; DI49_1993	YGR031W; YGR030C
DI49_1988; YGR026W; DI49_1987; YGR024C	DI49_1988; DI49_1987	YGR026W; YGR024C

DI49_1983; YGR020C	DI49_1983	YGR020C
DI49_1982; YGR019W	DI49_1982	YGR019W
DI49_1981; YGR017W; DI49_1980; YGR016W	DI49_1981; DI49_1980	YGR017W; YGR016W
DI49_1978; DI49_1979	DI49_1978; DI49_1979	
DI49_1976; DI49_1977	DI49_1976; DI49_1977	
DI49_1974; YGR009C; DI49_1973; YGR008C	DI49_1974; DI49_1973	YGR009C; YGR008C
DI49_1971; DI49_1972	DI49_1971; DI49_1972	
DI49_1969; YGR004W	DI49_1969	YGR004W
DI49_1968; YGR003W	DI49_1968	YGR003W
DI49_1967; YGR002C; SPGP0Q02770; YGR001C	DI49_1967	SPGP0Q02770 YGR002C; YGR001C
DI49_1965; DI49_1966	DI49_1965; DI49_1966	
DI49_1963; DI49_1964	DI49_1963; DI49_1964	
DI49_1961; YGL006W; DI49_1960	DI49_1961; DI49_1960	YGL006W
DI49_1958; YGL009C; DI49_1957; YGL010W	DI49_1958; DI49_1957	YGL009C; YGL010W
DI49_1955; DI49_1956	DI49_1955; DI49_1956	
DI49_1953; YGL014W; DI49_1952; YGL015C	DI49_1953; DI49_1952	YGL014W; YGL015C
DI49_1950; DI49_1951	DI49_1950; DI49_1951	
DI49_1948; DI49_1949	DI49_1948; DI49_1949	
DI49_1946; YGL021W	DI49_1946	YGL021W
DI49_1945; YGL022W	DI49_1945	YGL022W
DI49_1944; YGL023C; DI49_1943; YGL025C	DI49_1944; DI49_1943	YGL023C; YGL025C
DI49_1941; YGL027C	DI49_1941	YGL027C
DI49_1940; YGL028C	DI49_1940	YGL028C
DI49_1931; DI49_1932	DI49_1931; DI49_1932	
DI49_1929; YGL038C; YGL039W	DI49_1929	YGL038C; YGL039W
DI49_1928; DI49_1820	DI49_1928; DI49_1820	
SPGP0Qtrna20L; DI49_4635; DI49_1818; DI49_1817	DI49_4635; DI49_1818; DI49_1817	SPGP0Qtrna20L
DI49_1926; YGL040C; DI49_1925; YGL041W-A	DI49_1926; DI49_1925	YGL040C; YGL041W-A
DI49_1923; YGL044C; DI49_1922; YGL045W	DI49_1923; DI49_1922	YGL044C; YGL045W
DI49_1919; YGL048C	DI49_1919	YGL048C
DI49_1918; YGL049C; DI49_1917; YGL050W	DI49_1918; DI49_1917	YGL049C; YGL050W
DI49_1912; YGL056C; DI49_1911; YGL057C	DI49_1912; DI49_1911	YGL056C; YGL057C
DI49_1909; DI49_1910	DI49_1909; DI49_1910	
DI49_1908; SPGP0Q03310	DI49_1908	SPGP0Q03310
DI49_1906; DI49_1907	DI49_1906; DI49_1907	
DI49_1904; YGL065C	DI49_1904	YGL065C
DI49_1903; YGL066W; DI49_1902; YGL067W	DI49_1903; DI49_1902	YGL066W; YGL067W
DI49_1900; YGL070C	DI49_1900	YGL070C
DI49_1899; YGL071W	DI49_1899	YGL071W
DI49_1898; YGL073W; DI49_1897; YGL075C	DI49_1898; DI49_1897	YGL073W; YGL075C

DI49_1896; YGL077C	DI49_1896	YGL077C
DI49_1895; YGL078C	DI49_1895	YGL078C
DI49_1894; YGL079W; DI49_1893; YGL080W	DI49_1894; DI49_1893	YGL079W; YGL080W
DI49_1891; DI49_1892	DI49_1891; DI49_1892	
DI49_1889; YGL084C	DI49_1889	YGL084C
DI49_1888; YGL085W; DI49_1887; YGL086W	DI49_1888; DI49_1887	YGL085W; YGL086W
DI49_1885; SPGP0Q03550	DI49_1885	SPGP0Q03550
DI49_1883; DI49_1884	DI49_1883; DI49_1884	
DI49_1882; YGL093W	DI49_1882	YGL093W
DI49_1881; YGL094C; DI49_1880; YGL095C	DI49_1881; DI49_1880	YGL094C; YGL095C
DI49_1876; DI49_1877	DI49_1876; DI49_1877	
DI49_1874; YGL098W	DI49_1874	YGL098W
DI49_1873; YGL099W	DI49_1873	YGL099W
DI49_1872; YGL100W; DI49_1871; YGL101W	DI49_1872; DI49_1871	YGL100W; YGL101W
DI49_1869; DI49_1870	DI49_1869; DI49_1870	
DI49_1867; DI49_1868	DI49_1867; DI49_1868	
DI49_1865; DI49_1866	DI49_1865; DI49_1866	
DI49_1863; DI49_1864	DI49_1863; DI49_1864	
DI49_1861; DI49_1862	DI49_1861; DI49_1862	
DI49_1859; YGL115W	DI49_1859	YGL115W
DI49_1858; YGL116W; DI49_1857; YGL117W	DI49_1858; DI49_1857	YGL116W; YGL117W
DI49_1855; DI49_3006; SPGP0Rtrna5W	DI49_1855; DI49_3006	SPGP0Rtrna5W
DI49_1853; DI49_1854	DI49_1853; DI49_1854	
DI49_1851; YGL123W; DI49_1850; YGL124C	DI49_1851; DI49_1850	YGL123W; YGL124C
DI49_1848; DI49_1849	DI49_1848; DI49_1849	
DI49_1846; YGL128C	DI49_1846	YGL128C
DI49_1845; YGL129C; DI49_1844; YGL130W	DI49_1845; DI49_1844	YGL129C; YGL130W
DI49_1842; DI49_1843	DI49_1842; DI49_1843	
DI49_1840; DI49_5249; DI49_5248; YGL135W	DI49_1840; DI49_5249; DI49_5248	YGL135W
DI49_1839; YGL136C	DI49_1839	YGL136C
DI49_1838; YGL137W; DI49_1837; YGL138C	DI49_1838; DI49_1837	YGL137W; YGL138C
DI49_1835; YGL140C	DI49_1835	YGL140C
DI49_1834; YGL141W	DI49_1834	YGL141W
DI49_1833; YGL142C; DI49_1832; YGL143C	DI49_1833; DI49_1832	YGL142C; YGL143C
DI49_1830; DI49_1831	DI49_1830; DI49_1831	
DI49_1828; YGL147C; DI49_1827; DI49_4664; DI49_4663	DI49_1828; DI49_1827; DI49_4664; DI49_4663	YGL147C
DI49_1825; YGL151W; DI49_1824; YGL153W	DI49_1825; DI49_1824	YGL151W; YGL153W
DI49_1822; DI49_1823	DI49_1822; DI49_1823	
DI49_1819; YGL158W; YGL159W	DI49_1819	YGL158W; YGL159W

DI49_1815; DI49_1816	DI49_1815; DI49_1816	
SPGP0Q04250; DI49_1814	DI49_1814	SPGP0Q04250
DI49_1812; DI49_1813	DI49_1812; DI49_1813	
DI49_1810; DI49_1811	DI49_1810; DI49_1811	
DI49_1808; DI49_1809	DI49_1808; DI49_1809	
DI49_1806; YGL170C	DI49_1806	YGL170C
DI49_1805; YGL171W	DI49_1805	YGL171W
DI49_1804; YGL172W	DI49_1804	YGL172W
YGL173C; DI49_1803; YGL174W; DI49_1802	DI49_1803; DI49_1802	YGL173C; YGL174W
YGL176C; DI49_1800	DI49_1800	YGL176C
YGL178W; DI49_1799; YGL179C; DI49_1798	DI49_1799; DI49_1798	YGL178W; YGL179C
YGL181W; YGL180W		YGL181W; YGL180W
YGL184C; YGL183C		YGL184C; YGL183C
YGL186C; YGL185C		YGL186C; YGL185C
YGL189C; DI49_1790	DI49_1790	YGL189C
YGL190C; DI49_1789; YGL191W; DI49_1788	DI49_1789; DI49_1788	YGL190C; YGL191W
YGL194C; YGL192W		YGL194C; YGL192W
YGL195W; DI49_1784	DI49_1784	YGL195W
YGL196W; DI49_1783; SPGP0Q04560; DI49_1782	DI49_1783; DI49_1782	YGL196W
YGL200C; DI49_1780	DI49_1780	YGL200C
YGL202W; DI49_1777	DI49_1777	YGL202W
YGL207W; DI49_1771; YGL208W; DI49_1770	DI49_1771; DI49_1770	YGL207W; YGL208W
YGL210W; YGL209W		YGL210W; YGL209W
YGL212W; DI49_1766	DI49_1766	YGL212W
YGL213C; DI49_1765; YGL215W; DI49_1764	DI49_1765; DI49_1764	YGL213C; YGL215W
YGL219C; YGL216W		YGL219C; YGL216W
YGL221C; DI49_1761	DI49_1761	YGL221C
YGL222C; DI49_1760; YGL223C; DI49_1759	DI49_1760; DI49_1759	YGL222C; YGL223C
YGL225W; DI49_1757	DI49_1757	YGL225W
YGL227W; DI49_1752; YGL228W; DI49_1751	DI49_1752; DI49_1751	YGL227W; YGL228W
YGL230C; YGL229C		YGL230C; YGL229C
YGL232W; YGL231C		YGL232W; YGL231C
YGL234W; DI49_1746	DI49_1746	YGL234W
YGL236C; DI49_1745	DI49_1745	YGL236C
YGL237C; DI49_1744	DI49_1744	YGL237C
YGL238W; DI49_1743; YGL240W; DI49_1742	DI49_1743; DI49_1742	YGL238W; YGL240W
YGL242C; YGL241W		YGL242C; YGL241W
YGL244W; YGL243W		YGL244W; YGL243W
YGL246C; YGL245W		YGL246C; YGL245W
YGL248W; YGL247W		YGL248W; YGL247W

YGL250W; YGL249W			YGL250W; YGL249W
YGL252C; SPGP0F04920		SPGP0F04920	YGL252C
YGL253W; DI49_1730; YGL254W; DI49_1729	DI49_1730; DI49_1729		YGL253W; YGL254W
YGL256W; DI49_1594; YGL257C; DI49_1595	DI49_1594; DI49_1595		YGL256W; YGL257C
YGL258W-A; YGL258W			YGL258W-A; YGL258W
DI49_2825; DI49_2824	DI49_2825; DI49_2824		
DI49_2827; DI49_2826	DI49_2827; DI49_2826		
SPGP0R00170; DI49_2828; YJL207C; YJL208C	DI49_2828	SPGP0R00170	YJL207C; YJL208C
DI49_2829; YJL204C; DI49_2830; YJL205C	DI49_2829; DI49_2830		YJL204C; YJL205C
DI49_2832; YJL200C	DI49_2832		YJL200C
DI49_2834; YJL198W; DI49_2835; YJL199C	DI49_2834; DI49_2835		YJL198W; YJL199C
DI49_2837; DI49_2836	DI49_2837; DI49_2836		
DI49_2839; YJL192C	DI49_2839		YJL192C
DI49_2840; DI49_0783; DI49_0784; SPGP0AE00940; YCR032W; SPGP0G03150	DI49_2840; DI49_0783; DI49_0784	SPGP0AE00940; SPGP0G03150	YCR032W
DI49_2841; YJL190C	DI49_2841		YJL190C
DI49_2842; SPGP0G03130; DI49_2843	DI49_2842; DI49_2843	SPGP0G03130	
DI49_2845; DI49_2844; YJL186W; YJL187C	DI49_2845; DI49_2844		YJL186W; YJL187C
DI49_2847; DI49_2846	DI49_2847; DI49_2846		
DI49_2849; YJL180C; YJL181W	DI49_2849		YJL180C; YJL181W
DI49_2850; YJL179W; DI49_2851	DI49_2850; DI49_2851		YJL179W
DI49_2853; YJL176C; DI49_2854	DI49_2853; DI49_2854		YJL176C
DI49_2856; YJL172W; YJL173C	DI49_2856		YJL172W; YJL173C
DI49_2857; YJL171C; DI49_2858	DI49_2857; DI49_2858		YJL171C
DI49_2860; YJL167W	DI49_2860		YJL167W
DI49_2861; YJL166W	DI49_2861		YJL166W
DI49_2862; YJL165C; DI49_2863	DI49_2862; DI49_2863		YJL165C
DI49_2865; YJL162C; YJL163C	DI49_2865		YJL162C; YJL163C
SPGP0R00570; YJL159W; YJL160C		SPGP0R00570	YJL159W; YJL160C
DI49_2872; YJL155C; YJL156C	DI49_2872		YJL155C; YJL156C
DI49_2873; YJL154C; DI49_2874	DI49_2873; DI49_2874		YJL154C
DI49_2876; YJL149W; YJL151C	DI49_2876		YJL149W; YJL151C
DI49_2877; YJL148W; DI49_2878	DI49_2877; DI49_2878		YJL148W
DI49_2880; YJL145W; DI49_2881	DI49_2880; DI49_2881		YJL145W
DI49_2883; YJL141C	DI49_2883		YJL141C
DI49_2884; YJL140W; DI49_2885	DI49_2884; DI49_2885		YJL140W
DI49_2887; SPGP0R00750	DI49_2887	SPGP0R00750	
DI49_2888; SPGP0R00770	DI49_2888	SPGP0R00770	
DI49_2890; YJL133W	DI49_2890		YJL133W
SPGP0R00810; YJL132W		SPGP0R00810	YJL132W
DI49_2891; YJL131C	DI49_2891		YJL131C

DI49_2892; YJL130C	DI49_2892	YJL130C
DI49_2893; YJL129C	DI49_2893	YJL129C
DI49_2894; YJL128C	DI49_2894	YJL128C
DI49_2895; YJL127C-B; DI49_2896	DI49_2895; DI49_2896	YJL127C-B
DI49_2898; YJL125C; DI49_2899; YJL126W	DI49_2898; DI49_2899	YJL125C; YJL126W
DI49_2900; SPGP0R00910	DI49_2900	SPGP0R00910
SPGP0R00940; DI49_2901	DI49_2901	SPGP0R00940
DI49_2903; DI49_2902	DI49_2903; DI49_2902	
DI49_2908; YJL112W	DI49_2908	YJL112W
DI49_2909; YJL111W; DI49_2910	DI49_2909; DI49_2910	YJL111W
DI49_2912; YJL107C	DI49_2912	YJL107C
DI49_2913; YJL106W	DI49_2913	YJL106W
DI49_2914; YJL105W	DI49_2914	YJL105W
DI49_2915; YJL104W; DI49_2916	DI49_2915; DI49_2916	YJL104W
SPGP0Rtrna15R; DI49_2918; YJL102W	DI49_2918	YJL102W
DI49_2919; YJL101C; DI49_2920	DI49_2919; DI49_2920	YJL101C
DI49_2922; YJL098W; DI49_2923; YJL099W	DI49_2922; DI49_2923	YJL098W; YJL099W
DI49_2925; YJL095W; DI49_2926; YJL096W	DI49_2925; DI49_2926	YJL095W; YJL096W
DI49_2928; YJL092W; YJL093C	DI49_2928	YJL092W; YJL093C
DI49_2929; YJL091C	DI49_2929	YJL091C
DI49_2930; YJL090C	DI49_2930	YJL090C
DI49_2931; YJL089W; DI49_2932	DI49_2931; DI49_2932	YJL089W
DI49_2934; YJL085W	DI49_2934	YJL085W
SPGP0R01250; YJL084C		YJL084C
DI49_2935; YJL083W	DI49_2935	YJL083W
DI49_2936; YJL082W; DI49_2937; YJL081C	DI49_2936; DI49_2937	YJL082W; YJL081C
DI49_2939; DI49_2938	DI49_2939; DI49_2938	
DI49_2941; DI49_2940	DI49_2941; DI49_2940	
DI49_2943; DI49_2942	DI49_2943; DI49_2942	
DI49_2945; YJL071W; YJL072C	DI49_2945	YJL071W; YJL072C
DI49_2946; YJL070C; DI49_2947	DI49_2946; DI49_2947	YJL070C
DI49_2949; DI49_2948	DI49_2949; DI49_2948	
DI49_2951; DI49_2950	DI49_2951; DI49_2950	
DI49_2953; YJL062W; DI49_2954	DI49_2953; DI49_2954	YJL062W
DI49_2956; YJL059W	DI49_2956	YJL059W
DI49_2957; YJL058C; DI49_2958	DI49_2957; DI49_2958	YJL058C
DI49_2960; DI49_2959	DI49_2960; DI49_2959	
DI49_2962; DI49_2961	DI49_2962; DI49_2961	
DI49_2964; YJL051W; DI49_2965	DI49_2964; DI49_2965	YJL051W
DI49_2967; DI49_2966	DI49_2967; DI49_2966	

DI49_2969; DI49_2968	DI49_2969; DI49_2968		
DI49_2975; DI49_2974	DI49_2975; DI49_2974		
SPGP0R01650; DI49_2976	DI49_2976	SPGP0R01650	
DI49_2984; YJL036W; DI49_2985	DI49_2984; DI49_2985		YJL036W
DI49_2987; YJL033W; DI49_2988	DI49_2987; DI49_2988		YJL033W
DI49_2990; DI49_2989	DI49_2990; DI49_2989		
DI49_2993; YJL026W; DI49_2994; YJL027C	DI49_2993; DI49_2994		YJL026W; YJL027C
DI49_2997; YJL023C; SPGP0R01810	DI49_2997	SPGP0R01810	YJL023C
DI49_2999; YJL019W; DI49_3000; YJL020C	DI49_2999; DI49_3000		YJL019W; YJL020C
DI49_3002; DI49_3001	DI49_3002; DI49_3001		
DI49_3004; DI49_3003	DI49_3004; DI49_3003		
DI49_3007; YJL010C	DI49_3007		YJL010C
DI49_3008; YJL008C	DI49_3008		YJL008C
DI49_3012; YJL005W; DI49_3013	DI49_3012; DI49_3013		YJL005W
DI49_3015; DI49_3014	DI49_3015; DI49_3014		
DI49_3016; SPGP0R01960	DI49_3016	SPGP0R01960	
DI49_3018; DI49_3017	DI49_3018; DI49_3017		
DI49_3020; YJR005W; DI49_3021	DI49_3020; DI49_3021		YJR005W
DI49_3023; YJR007W; YJR006W	DI49_3023		YJR007W; YJR006W
DI49_3024; YJR008W	DI49_3024		YJR008W
DI49_3026; YJR010W; DI49_3027	DI49_3026; DI49_3027		YJR010W
DI49_3029; DI49_3028; YJR011C; YJR010C-A	DI49_3029; DI49_3028		YJR011C; YJR010C-A
DI49_3031; YJR014W; SPGP0R02130	DI49_3031	SPGP0R02130	YJR014W
DI49_3033; DI49_3032; YJR016C; YJR015W	DI49_3033; DI49_3032		YJR016C; YJR015W
SPGP0R02170; YJR021C; DI49_3035; YJR019C	DI49_3035	SPGP0R02170	YJR021C; YJR019C
DI49_3037; DI49_3036	DI49_3037; DI49_3036		
DI49_3039; DI49_3038	DI49_3039; DI49_3038		
DI49_3041; YJR033C; DI49_3042	DI49_3041; DI49_3042		YJR033C
DI49_3044; YJR036C; YJR035W	DI49_3044		YJR036C; YJR035W
DI49_3045; YJR039W	DI49_3045		YJR039W
DI49_3046; YJR040W; DI49_3047	DI49_3046; DI49_3047		YJR040W
DI49_3049; DI49_3048	DI49_3049; DI49_3048		
DI49_3053; YJR046W	DI49_3053		YJR046W
DI49_3055; DI49_1358; DI49_3056; YEL034W; YJR047C	DI49_3055; DI49_1358; DI49_3056		YEL034W; YJR047C
DI49_3058; YJR050W; DI49_3059; YJR049C	DI49_3058; DI49_3059		YJR050W; YJR049C
DI49_3061; YJR052W; DI49_3062	DI49_3061; DI49_3062		YJR052W
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DI49_3072; YJR059W; DI49_3073; YJR058C	DI49_3072; DI49_3073		YJR059W; YJR058C
DI49_3075; YJR062C; DI49_3076; YJR061W	DI49_3075; DI49_3076		YJR062C; YJR061W

DI49_3078; YJR065C	DI49_3078	YJR065C
DI49_3082; YJR069C	DI49_3082	YJR069C
DI49_3083; YJR070C; DI49_3084	DI49_3083; DI49_3084	YJR070C
SPGP0R02630; DI49_3085	DI49_3085	SPGP0R02630
DI49_3087; YJR076C	DI49_3087	YJR076C
DI49_3088; YJR077C; DI49_3089	DI49_3088; DI49_3089	YJR077C
DI49_3091; DI49_3090	DI49_3091; DI49_3090	
DI49_3093; DI49_3092	DI49_3093; DI49_3092	
DI49_3095; DI49_3094	DI49_3095; DI49_3094	
DI49_3097; DI49_3096	DI49_3097; DI49_3096	
DI49_3099; YJR091C; DI49_3100	DI49_3099; DI49_3100	YJR091C
DI49_3102; DI49_3101	DI49_3102; DI49_3101	
DI49_3104; YJR095W; DI49_3105	DI49_3104; DI49_3105	YJR095W
DI49_3107; YJR098C; DI49_3108; YJR097W	DI49_3107; DI49_3108	YJR098C; YJR097W
DI49_3113; DI49_3112	DI49_3113; DI49_3112	
DI49_3115; YJR105W; DI49_3116	DI49_3115; DI49_3116	YJR105W
DI49_3118; DI49_3117; YJR107W; YJR106W	DI49_3118; DI49_3117	YJR107W; YJR106W
DI49_3119; YJR109C; YJR108W	DI49_3119	YJR109C; YJR108W
DI49_3120; YJR110W	DI49_3120	YJR110W
DI49_3121; YJR111C; DI49_3122	DI49_3121; DI49_3122	YJR111C
DI49_3124; DI49_3123	DI49_3124; DI49_3123	
DI49_3126; DI49_3125	DI49_3126; DI49_3125	
DI49_3128; YJR118C	DI49_3128	YJR118C
DI49_3129; YJR119C	DI49_3129	YJR119C
DI49_3130; YJR121W; DI49_3131	DI49_3130; DI49_3131	YJR121W
DI49_3133; YJR124C	DI49_3133	YJR124C
DI49_3134; YJR125C; DI49_3135	DI49_3134; DI49_3135	YJR125C
DI49_3137; DI49_3136	DI49_3137; DI49_3136	
DI49_3139; DI49_3138	DI49_3139; DI49_3138	
DI49_3141; YJR133W	DI49_3141	YJR133W
DI49_3142; YJR134C; DI49_3143	DI49_3142; DI49_3143	YJR134C
DI49_3145; YJR136C; YJR135W-A	DI49_3145	YJR136C; YJR135W-A
DI49_3146; YJR137C	DI49_3146	YJR137C
DI49_3147; YJR138W	DI49_3147	YJR138W
DI49_3148; YJR139C; DI49_3149	DI49_3148; DI49_3149	YJR139C
DI49_3151; DI49_3150	DI49_3151; DI49_3150	
DI49_3153; DI49_3152	DI49_3153; DI49_3152	
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DI49_3160; SPGP0R03400	DI49_3160	SPGP0R03400

SPGP0R03430; DI49_3161	DI49_3161	SPGP0R03430
DI49_3163; DI49_4795	DI49_3163; DI49_4795	
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SPGP0R03520; DI49_1322; DI49_2622	DI49_1322; DI49_2622	SPGP0R03520
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DI49_4221; SPGP0S01630	DI49_4221	SPGP0S01630
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DI49_4206; SPGP0Strna25L	DI49_4206	SPGP0Strna25L
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DI49_4151; DI49_4152	DI49_4151; DI49_4152		
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DI49_4140; DI49_3481; SPGP0BF00170	DI49_4140; DI49_3481	SPGP0BF00170	
SPGP0S02420; DI49_2906; DI49_1546	DI49_2906; DI49_1546	SPGP0S02420	
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DI49_4074; DI49_4075	DI49_4074; DI49_4075		
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DI49_4403; DI49_4402	DI49_4403; DI49_4402		
DI49_4406; DI49_4404	DI49_4406; DI49_4404		
DI49_4408; DI49_4407	DI49_4408; DI49_4407		
YPL274W; SPGP0U02260		SPGP0U02260	YPL274W
YOR391C; SPGP0U02270; DI49_5408	DI49_5408	SPGP0U02270	YOR391C
SPGP0U00120; DI49_5407	DI49_5407	SPGP0U00120	
DI49_5405; DI49_5406	DI49_5405; DI49_5406		

DI49_5403; DI49_5404	DI49_5403; DI49_5404		
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DI49_5399; DI49_5400; SPGP0Utrna3C	DI49_5399; DI49_5400	SPGP0Utrna3C	
DI49_5397; DI49_5398	DI49_5397; DI49_5398		
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DI49_5372; SPGP0W01220; DI49_5371; DI49_1206	DI49_5372; DI49_5371; DI49_1206	SPGP0W01220	
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SPGP0U00650; DI49_5354	DI49_5354	SPGP0U00650	
SPGP0U00670; YPL109C		SPGP0U00670	YPL109C
DI49_5352; DI49_5353	DI49_5352; DI49_5353		
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DI49_5292; SPGP0U01280	DI49_5292	SPGP0U01280
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YPL195W; DI49_5271	DI49_5271	YPL195W
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DI49_5264; YJL164C; DI49_5263	DI49_5264; DI49_5263	YJL164C
DI49_5261; DI49_5262	DI49_5261; DI49_5262	
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YPL244C; YPL243W			YPL244C; YPL243W
YPL246C; YPL245W			YPL246C; YPL245W
YPL248C; YPL247C			YPL248C; YPL247C
YPL253C; YPL252C			YPL253C; YPL252C
YPL255W; YPL254W			YPL255W; YPL254W
SPGP0U02090; YPL256C		SPGP0U02090	YPL256C
SPGP0Utrna7W; SPGP0Ftrna10W; SPGP0Ftrna9W; YGR189C; YGL119W; SPGP0Gtrna11W		SPGP0Utrna7W; SPGP0Ftrna10W; SPGP0Ftrna9W; SPGP0Gtrna11W	YGR189C; YGL119W
YPL262W; YPL260W			YPL262W; YPL260W
YPL264C; YPL263C			YPL264C; YPL263C
YPL266W; YPL265W			YPL266W; YPL265W
YPL268W; YPL267W			YPL268W; YPL267W
YPL270W; YPL269W			YPL270W; YPL269W
YPL272C; YPL271W			YPL272C; YPL271W
YNL336W; SPGP0DY00120; SPGP0CF00100		SPGP0DY00120; SPGP0CF00100	YNL336W
YHL040C; YHL043W			YHL040C; YHL043W
YHL038C; YHL039W			YHL038C; YHL039W
YHL035C; YHL036W			YHL035C; YHL036W
YHL026C; YHL027W			YHL026C; YHL027W
YHL015W; DI49_4833; YHL014C	DI49_4833		YHL015W; YHL014C
YHL012W; YHL013C			YHL012W; YHL013C
YHL010C; DI49_4838; YHL009C	DI49_4838		YHL010C; YHL009C
YHR003C; DI49_4851; YHR004C	DI49_4851		YHR003C; YHR004C
YHR005C-A; YHR005C			YHR005C-A; YHR005C
YHR010W; SPGP0L01160; YHR011W		SPGP0L01160	YHR010W; YHR011W
YHR013C; DI49_4862; YHR014W	DI49_4862		YHR013C; YHR014W
YHR024C; YHR023W			YHR024C; YHR023W
YHR040W; DI49_2446; YHR041C	DI49_2446		YHR040W; YHR041C
YHR044C; YHR042W			YHR044C; YHR042W
YHR046C; YHR045W			YHR046C; YHR045W
YHR048W; YHR047C			YHR048W; YHR047C
YHR050W; YHR049W			YHR050W; YHR049W
YHR052W; DI49_2457; YHR055C	DI49_2457		YHR052W; YHR055C
YHR062C; YHR061C			YHR062C; YHR061C
YHR066W; YDR312W; YHR067W; YDR313C			YHR066W; YDR312W; YHR067W; YDR313C
YHR073W; YHR072W-A			YHR073W; YHR072W-A
YHR078W; YHR077C			YHR078W; YHR077C
YHR079C-A; YHR079C			YHR079C-A; YHR079C

YHR081W; YHR080C		YHR081W; YHR080C
YHR083W; YHR082C		YHR083W; YHR082C
YHR087W; DI49_2494; YHR088W	DI49_2494	YHR087W; YHR088W
YHR105W; YHR104W		YHR105W; YHR104W
YHR110W; YHR109W		YHR110W; YHR109W
YHR112C; YHR111W		YHR112C; YHR111W
YHR117W; YHR116W		YHR117W; YHR116W
YHR122W; YHR121W		YHR122W; YHR121W
YHR129C; DI49_2533; YHR131C	DI49_2533	YHR129C; YHR131C
YHR132W-A; DI49_2536; YHR133C	DI49_2536	YHR132W-A; YHR133C
YHR135C; YHR134W		YHR135C; YHR134W
YHR137W; YHR136C		YHR137W; YHR136C
YHR139C; YHR138C		YHR139C; YHR138C
YHR142W; DI49_2544; YHR143W	DI49_2544	YHR142W; YHR143W
YHR144C; YHR143W-A		YHR144C; YHR143W-A
YHR152W; YHR151C		YHR152W; YHR151C
YHR158C; YHR157W		YHR158C; YHR157W
YHR160C; YHR159W		YHR160C; YHR159W
YHR162W; YHR161C		YHR162W; YHR161C
DI49_1319; DI49_1320; YJL217W; YJL218W	DI49_1319; DI49_1320	YJL217W; YJL218W
DI49_1317; DI49_1318	DI49_1317; DI49_1318	
DI49_1315; DI49_1316	DI49_1315; DI49_1316	
DI49_1313; DI49_1314	DI49_1313; DI49_1314	
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DI49_1307; DI49_1308	DI49_1307; DI49_1308	
DI49_1301; DI49_1302	DI49_1301; DI49_1302	
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DI49_1293; DI49_1294	DI49_1293; DI49_1294	
DI49_1290; YBR265W; DI49_1289	DI49_1290; DI49_1289	YBR265W
DI49_1282; DI49_1283	DI49_1282; DI49_1283	
DI49_1280; YBR255C-A; DI49_1279	DI49_1280; DI49_1279	YBR255C-A
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DI49_1254; DI49_1255	DI49_1254; DI49_1255	
DI49_1253; SPGP0W00770	DI49_1253	SPGP0W00770
DI49_1246; YBR221C; DI49_1245	DI49_1246; DI49_1245	YBR221C
DI49_1240; YBR214W; DI49_1239	DI49_1240; DI49_1239	YBR214W
DI49_1222; DI49_1223	DI49_1222; DI49_1223	
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DI49_1218; DI49_1219	DI49_1218; DI49_1219	

DI49_1212; DI49_1213	DI49_1212; DI49_1213	
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DI49_1208; DI49_1209	DI49_1208; DI49_1209	
DI49_1202; DI49_1203	DI49_1202; DI49_1203	
DI49_1191; YBR163W; DI49_1190	DI49_1191; DI49_1190	YBR163W
DI49_1188; DI49_1189	DI49_1188; DI49_1189	
DI49_1185; YBR158W; DI49_1184	DI49_1185; DI49_1184	YBR158W
DI49_1176; DI49_1177	DI49_1176; DI49_1177	
DI49_1174; YBR146W; DI49_1173	DI49_1174; DI49_1173	YBR146W
DI49_1162; YBR132C; DI49_1161	DI49_1162; DI49_1161	YBR132C
DI49_1159; DI49_1160	DI49_1159; DI49_1160	
DI49_1154; YBR123C; DI49_1153	DI49_1154; DI49_1153	YBR123C
DI49_1139; DI49_1140	DI49_1139; DI49_1140	
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DI49_1096; DI49_1097	DI49_1096; DI49_1097	
DI49_1090; DI49_1091	DI49_1090; DI49_1091	
DI49_1088; DI49_1089	DI49_1088; DI49_1089	
DI49_1076; YBR046C; DI49_1075	DI49_1076; DI49_1075	YBR046C
DI49_1070; YBR041W; DI49_1069	DI49_1070; DI49_1069	YBR041W
DI49_1065; YBR036C; DI49_1064	DI49_1065; DI49_1064	YBR036C
SPGP0W02630; DI49_1063	DI49_1063	SPGP0W02630
SPGP0W02650; YDR011W; DI49_1061	DI49_1061	SPGP0W02650
DI49_1059; YDR006C; DI49_1058	DI49_1059; DI49_1058	YDR011W
DI49_1056; DI49_1057	DI49_1056; DI49_1057	YDR006C
DI49_1054; YDR001C; DI49_1053	DI49_1054; DI49_1053	YDR001C
DI49_1051; DI49_1052; YDL002C; YDL001W	DI49_1051; DI49_1052	YDL002C; YDL001W
DI49_1049; YDL005C; YDL004W	DI49_1049	YDL005C; YDL004W
DI49_1048; YDL006W	DI49_1048	YDL006W
DI49_1047; YDL007W	DI49_1047	YDL007W
SPGP0W02850; DI49_1042; YDL010W; YDL008W	DI49_1042	YDL010W; YDL008W
DI49_1039; DI49_1041	DI49_1039; DI49_1041	
DI49_1037; DI49_1038	DI49_1037; DI49_1038	
DI49_1035; YDL019C; DI49_1034; YDL018C	DI49_1035; DI49_1034	YDL019C; YDL018C
DI49_1032; YDL022W; YDL021W	DI49_1032	YDL022W; YDL021W
DI49_1028; DI49_1029	DI49_1028; DI49_1029	
SPGP0W02990; DI49_1027; YDL028C; YDL027C	DI49_1027	YDL028C; YDL027C
DI49_1025; YDL031W; SPGP0W03020; YDL030W	DI49_1025	YDL031W; YDL030W
DI49_1023; DI49_1024	DI49_1023; DI49_1024	
DI49_1022; YDL040C; YDL039C	DI49_1022	YDL040C; YDL039C

DI49_1021; YDL042C; DI49_1020	DI49_1021; DI49_1020	YDL042C
DI49_1018; YDL045C; DI49_1017	DI49_1018; DI49_1017	YDL045C
DI49_1015; YDL047W; YDL046W	DI49_1015	YDL047W; YDL046W
DI49_1014; YDL048C	DI49_1014	YDL048C
DI49_1013; YDL049C	DI49_1013	YDL049C
DI49_1012; YDL051W; DI49_1011	DI49_1012; DI49_1011	YDL051W
DI49_1009; DI49_1010	DI49_1009; DI49_1010	
DI49_1007; YDL055C	DI49_1007	YDL055C
DI49_1006; YDL056W; DI49_1005	DI49_1006; DI49_1005	YDL056W
DI49_1003; DI49_1004; YDL058W; YDL057W	DI49_1003; DI49_1004	YDL058W; YDL057W
DI49_1001; YDL061C; YDL060W	DI49_1001	YDL061C; YDL060W
DI49_1000; YDL063C	DI49_1000	YDL063C
SPGP0W03280; YDL064W; DI49_0999	DI49_0999	YDL064W
DI49_0997; YDL067C; DI49_0996	DI49_0997; DI49_0996	YDL067C
DI49_0994; DI49_0995	DI49_0994; DI49_0995	
DI49_0992; YDL074C	DI49_0992	YDL074C
DI49_0990; YDL076C	DI49_0990	YDL076C
DI49_0989; YDL077C	DI49_0989	YDL077C
DI49_0988; YDL078C; SPGP0W03410	DI49_0988	YDL078C
DI49_0987; YDL080C; YDL079C	DI49_0987	YDL080C; YDL079C
DI49_0986; YDL081C	DI49_0986	YDL081C
SPGP0W03460; YDL083C		YDL083C
DI49_0984; YDL084W	DI49_0984	YDL084W
DI49_0983; YDL085W; DI49_0982	DI49_0983; DI49_0982	YDL085W
DI49_0980; YDL087C; DI49_0979; YDL086W	DI49_0980; DI49_0979	YDL087C; YDL086W
SPGP0W03540; DI49_0978	DI49_0978	
DI49_0976; DI49_0977; YDL091C; YDL090C	DI49_0976; DI49_0977	YDL091C; YDL090C
DI49_0974; YDL095W; YDL093W	DI49_0974	YDL095W; YDL093W
DI49_0973; YDL097C; DI49_0972	DI49_0973; DI49_0972	YDL097C
DI49_0970; YDL100C; DI49_0969; YDL099W	DI49_0970; DI49_0969	YDL100C; YDL099W
DI49_0967; YDL103C; DI49_0966; YDL102W	DI49_0967; DI49_0966	YDL103C; YDL102W
DI49_0964; YDL106C; DI49_0963	DI49_0964; DI49_0963	YDL106C
DI49_0961; DI49_0962	DI49_0961; DI49_0962	
DI49_0959; YDL111C; DI49_0958	DI49_0959; DI49_0958	YDL111C
DI49_0956; YDL114W; YDL113C	DI49_0956	YDL114W; YDL113C
DI49_0955; YDL115C; DI49_0954	DI49_0955; DI49_0954	YDL115C
DI49_0952; YDL119C; DI49_0951; YDL117W	DI49_0952; DI49_0951	YDL119C; YDL117W
DI49_0949; YDL122W; DI49_0948; YDL121C	DI49_0949; DI49_0948	YDL122W; YDL121C
DI49_0946; YDL126C; DI49_0945; YDL125C	DI49_0946; DI49_0945	YDL126C; YDL125C
DI49_0943; DI49_0944	DI49_0943; DI49_0944	

DI49_0942; SPGP0W03900; YDL130W; YDL129W	DI49_0942	SPGP0W03900	YDL130W; YDL129W
DI49_0940; YDL132W	DI49_0940		YDL132W
DI49_0939; YDL133W	DI49_0939		YDL133W
DI49_0938; SPGP0W04400	DI49_0938	SPGP0W04400	
DI49_0937; YDL135C	DI49_0937		YDL135C
DI49_0936; DI49_0889; DI49_0935; YDL192W; DI49_0888	DI49_0936; DI49_0889; DI49_0935; DI49_0888		YDL192W
DI49_0934; YDL140C; YDL139C	DI49_0934		YDL140C; YDL139C
DI49_0933; YDL141W; DI49_0932	DI49_0933; DI49_0932		YDL141W
DI49_0930; DI49_0931	DI49_0930; DI49_0931		
DI49_0928; YDL146W	DI49_0928		YDL146W
DI49_0927; YDL147W; DI49_0926	DI49_0927; DI49_0926		YDL147W
DI49_0924; YDL150W; DI49_0923; YDL149W	DI49_0924; DI49_0923		YDL150W; YDL149W
DI49_0921; YDL155W; YDL154W	DI49_0921		YDL155W; YDL154W
DI49_0920; YDL156W	DI49_0920		YDL156W
DI49_0919; YDL157C	DI49_0919		YDL157C
DI49_0918; YDL159W	DI49_0918		YDL159W
DI49_0917; YDL160C; DI49_0916	DI49_0917; DI49_0916		YDL160C
DI49_0914; YDL164C; YDL161W	DI49_0914		YDL164C; YDL161W
DI49_0913; YDL165W; DI49_0912	DI49_0913; DI49_0912		YDL165W
DI49_0910; YDL168W; DI49_0909	DI49_0910; DI49_0909		YDL168W
DI49_0907; YDL171C; DI49_0906; YDL170W	DI49_0907; DI49_0906		YDL171C; YDL170W
DI49_0904; DI49_0905	DI49_0904; DI49_0905		
DI49_0902; DI49_0903	DI49_0902; DI49_0903		
DI49_0900; YDL179W; DI49_0899	DI49_0900; DI49_0899		YDL179W
DI49_0896; YDL183C	DI49_0896		YDL183C
DI49_0895; YDL185W; DI49_0894	DI49_0895; DI49_0894		YDL185W
DI49_0892; YDL189W	DI49_0892		YDL189W
DI49_0891; YDL190C	DI49_0891		YDL190C
DI49_0886; YDL195W; DI49_0885	DI49_0886; DI49_0885		YDL195W
DI49_0883; YDL199C; DI49_0882	DI49_0883; DI49_0882		YDL199C
DI49_0880; DI49_0881	DI49_0880; DI49_0881		
DI49_0878; DI49_0879	DI49_0878; DI49_0879		
DI49_0876; DI49_0877	DI49_0876; DI49_0877		
DI49_0874; YDL208W; DI49_0873	DI49_0874; DI49_0873		YDL208W
DI49_0868; DI49_0869; YDL212W; YDL211C	DI49_0868; DI49_0869		YDL212W; YDL211C
DI49_0866; YDL215C; DI49_0865; YDL214C	DI49_0866; DI49_0865		YDL215C; YDL214C
DI49_0863; DI49_0864	DI49_0863; DI49_0864		
DI49_0861; DI49_0862	DI49_0861; DI49_0862		
DI49_0859; DI49_0860	DI49_0859; DI49_0860		
DI49_0857; YDL225W; YDL224C	DI49_0857		YDL225W; YDL224C

DI49_0856; YDL226C	DI49_0856	YDL226C
DI49_0855; YDL227C	DI49_0855	YDL227C
SPGP0W04770; DI49_4535; DI49_0853; DI49_4534	DI49_4535; DI49_0853; DI49_4534	SPGP0W04770
DI49_0851; DI49_0852	DI49_0851; DI49_0852	
DI49_0849; DI49_0850; YDL233W; YDL232W	DI49_0849; DI49_0850	YDL233W; YDL232W
DI49_0847; DI49_0848	DI49_0847; DI49_0848	
DI49_0845; DI49_0846	DI49_0845; DI49_0846	
DI49_0843; YDL240W; DI49_0842; YDL239C	DI49_0843; DI49_0842	YDL240W; YDL239C
SPGP0W04910; DI49_0841	DI49_0841	SPGP0W04910
DI49_5525; SPGP0W04920	DI49_5525	SPGP0W04920
DI49_5521; YPR069C; DI49_5520; YPR068C	DI49_5521; DI49_5520	YPR069C; YPR068C
DI49_5518; YPR066W; DI49_5517; YPR065W	DI49_5518; DI49_5517	YPR066W; YPR065W
SPGP0X00200; SPGP0X00190		SPGP0X00200; SPGP0X00190
DI49_5514; YPR061C; DI49_5513; YPR060C	DI49_5514; DI49_5513	YPR061C; YPR060C
DI49_5511; DI49_5512	DI49_5511; DI49_5512	
DI49_5509; YPR055W	DI49_5509	YPR055W
DI49_5508; YPR054W	DI49_5508	YPR054W
DI49_5507; YPR052C; DI49_5506; YPR051W	DI49_5507; DI49_5506	YPR052C; YPR051W
DI49_5504; DI49_5505	DI49_5504; DI49_5505	
DI49_5502; YPR046W; DI49_5501; YPR045C	DI49_5502; DI49_5501	YPR046W; YPR045C
DI49_5499; YPR042C	DI49_5499	YPR042C
DI49_5498; YPR041W; DI49_5497; YPR040W	DI49_5498; DI49_5497	YPR041W; YPR040W
DI49_5495; DI49_5496	DI49_5495; DI49_5496	
DI49_5493; YPR035W; DI49_5492; YPR034W	DI49_5493; DI49_5492	YPR035W; YPR034W
DI49_5490; YPR032W	DI49_5490	YPR032W
DI49_5489; YPR031W; DI49_5488; YPR030W	DI49_5489; DI49_5488	YPR031W; YPR030W
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DI49_5485; DI49_5486; SPGP0Xtrna12F	DI49_5485; DI49_5486	SPGP0Xtrna12F
DI49_5483; YPR026W; DI49_5482; YPR025C	DI49_5483; DI49_5482	YPR026W; YPR025C
DI49_5480; DI49_5481	DI49_5480; DI49_5481	
DI49_5478; YPR021C; DI49_5477; YPR020W	DI49_5478; DI49_5477	YPR021C; YPR020W
DI49_5475; DI49_5476	DI49_5475; DI49_5476	
DI49_5473; YPR016C	DI49_5473	YPR016C
DI49_5472; YPR015C; DI49_5471; YPR013C	DI49_5472; DI49_5471	YPR015C; YPR013C
DI49_5469; DI49_5470	DI49_5469; DI49_5470	
DI49_5467; YPR010C	DI49_5467	YPR010C
DI49_5466; YPR009W	DI49_5466	YPR009W
DI49_5465; YPR008W	DI49_5465	YPR008W
DI49_5461; DI49_5462	DI49_5461; DI49_5462	
DI49_5459; YPR003C	DI49_5459	YPR003C

SPGP0X00760; YPR002W		SPGP0X00760	YPR002W
DI49_5456; YPR001W; DI49_5455; YPL001W	DI49_5456; DI49_5455		YPR001W; YPL001W
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DI49_5449; DI49_5450	DI49_5449; DI49_5450		
DI49_5447; YPL009C; DI49_5446; YPL010W	DI49_5447; DI49_5446		YPL009C; YPL010W
DI49_5444; YPL012W; DI49_5443; YPL013C	DI49_5444; DI49_5443		YPL012W; YPL013C
DI49_5441; YPL015C; SPGP0X00930	DI49_5441	SPGP0X00930	YPL015C
DI49_5439; DI49_5440; YPL016W; YPL017C	DI49_5439; DI49_5440		YPL016W; YPL017C
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DI49_5434; YPL022W	DI49_5434		YPL022W
DI49_5433; YPL023C	DI49_5433		YPL023C
DI49_5432; YPL024W; DI49_5431; YPL026C	DI49_5432; DI49_5431		YPL024W; YPL026C
DI49_5429; YPL028W	DI49_5429		YPL028W
DI49_5428; YPL029W; DI49_5427; YPL030W	DI49_5428; DI49_5427		YPL029W; YPL030W
DI49_5425; DI49_5426	DI49_5425; DI49_5426		
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SPGP0Y00430; SPGP0Y00420		SPGP0Y00430; SPGP0Y00420	
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SPGP0Y00830; SPGP0Y00820		SPGP0Y00830; SPGP0Y00820
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DI49_0672; DI49_0671; YCL025C; YCL024W	DI49_0672; DI49_0671	YCL025C; YCL024W
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SPGP0Y01690; DI49_0680	DI49_0680	SPGP0Y01690
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SPGP0Y01790; DI49_0689	DI49_0689	SPGP0Y01790
SPGP0Y01810; SPGP0Y01800		SPGP0Y01810; SPGP0Y01800
SPGP0Y01830; SPGP0Y01820		SPGP0Y01830; SPGP0Y01820
DI49_4735; YNR001C; DI49_4734	DI49_4735; DI49_4734	YNR001C
SPGP0Z00260; DI49_4719	DI49_4719	SPGP0Z00260
SPGP0Z00270; DI49_4718	DI49_4718	SPGP0Z00270
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DI49_4715; YNL022C; DI49_4716	DI49_4715; DI49_4716	YNL022C
DI49_4698; SPGP0Ztrna15P	DI49_4698	SPGP0Ztrna15P
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DI49_4686; YNL044W; DI49_4685	DI49_4686; DI49_4685	YNL044W
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DI49_4669; YNL062C; DI49_4668	DI49_4669; DI49_4668	YNL062C
DI49_4660; YNL071W; DI49_4659	DI49_4660; DI49_4659	YNL071W
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DI49_4629; YNL102W; DI49_4628	DI49_4629; DI49_4628	YNL102W
DI49_4612; YNL124W; DI49_4611	DI49_4612; DI49_4611	YNL124W
DI49_4597; YNL138W; DI49_4596	DI49_4597; DI49_4596	YNL138W
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DI49_4560; YNL180C; DI49_4559	DI49_4560; DI49_4559	YNL180C
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DI49_4540; YNL202W; DI49_4539	DI49_4540; DI49_4539	YNL202W
DI49_4537; YNL207W; DI49_4536	DI49_4537; DI49_4536	YNL207W
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DI49_4491; YNL256W; DI49_4490	DI49_4491; DI49_4490	YNL256W
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DI49_4484; YNL263C; DI49_4483	DI49_4484; DI49_4483	YNL263C
DI49_4477; YNL272C; DI49_4476	DI49_4477; DI49_4476	YNL272C
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DI49_4454; YNL293W; DI49_4453	DI49_4454; DI49_4453	YNL293W
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DI49_0699; SPGP0AA00140	DI49_0699	SPGP0AA00140
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DI49_0715; YCL043C	DI49_0715	YCL043C
DI49_0716; YCL040W	DI49_0716	YCL040W
DI49_0717; YCL039W; DI49_0718; YCL038C	DI49_0717; DI49_0718	YCL039W; YCL038C
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DI49_0725; YCL030C	DI49_0725	YCL030C
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DI49_0737; YCL017C	DI49_0737	YCL017C
DI49_0738; YCL016C	DI49_0738	YCL016C
DI49_0739; YCL014W; DI49_0740; YCL012C	DI49_0739; DI49_0740	YCL014W; YCL012C
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DI49_0743; YCL009C	DI49_0743	YCL009C
DI49_0744; YCL008C; DI49_0745; YCL007C	DI49_0744; DI49_0745	YCL008C; YCL007C
DI49_0747; DI49_0746	DI49_0747; DI49_0746	
DI49_0749; YCL001W; DI49_0750; YCL001W-A	DI49_0749; DI49_0750	YCL001W; YCL001W-A
DI49_0752; YCR003W	DI49_0752	YCR003W
DI49_0753; YCR004C; DI49_0754; YCR005C	DI49_0753; DI49_0754	YCR004C; YCR005C
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DI49_0761; YCR011C	DI49_0761	YCR011C
DI49_0762; YCR012W; DI49_0763; YCR014C	DI49_0762; DI49_0763	YCR012W; YCR014C
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DI49_0770; YCR019W; DI49_0771; YCR020C	DI49_0770; DI49_0771	YCR019W; YCR020C
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DI49_0781; YCR028C; SPGP0AA00950; YCR028C-A	DI49_0781	YCR028C; YCR028C-A
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DI49_5610; DI49_5609	DI49_5610; DI49_5609		
DI49_5612; DI49_5611	DI49_5612; DI49_5611		
DI49_5617; DI49_5616	DI49_5617; DI49_5616		
DI49_5619; DI49_5618	DI49_5619; DI49_5618		
DI49_5621; DI49_5620	DI49_5621; DI49_5620		
DI49_5623; DI49_5622	DI49_5623; DI49_5622		
DI49_5625; DI49_5624	DI49_5625; DI49_5624		
DI49_5627; DI49_5626	DI49_5627; DI49_5626		
DI49_5629; DI49_5628	DI49_5629; DI49_5628		
DI49_5631; DI49_5630	DI49_5631; DI49_5630		
DI49_5633; DI49_5632	DI49_5633; DI49_5632		
DI49_5635; DI49_5634	DI49_5635; DI49_5634		
DI49_5637; DI49_5636	DI49_5637; DI49_5636		
SPGP0AC01120; DI49_5638	DI49_5638	SPGP0AC01120	
YKR105C; SPGP0AC01130		SPGP0AC01130	YKR105C

SPGP0AC01160; SPGP0AC01150

DI49_2630; DI49_2629

DI49_2632; DI49_2631

DI49_2634; DI49_2633

DI49_2640; YIL147C

DI49_2648; DI49_2647

DI49_2650; DI49_2649

DI49_2652; DI49_2651

DI49_2654; DI49_2653

DI49_2656; DI49_2655

DI49_2667; DI49_2666

DI49_2669; DI49_2668

DI49_2674; DI49_2673

DI49_2681; DI49_2680

DI49_2683; DI49_2682

DI49_2688; DI49_2687

DI49_2696; DI49_2695

DI49_2701; DI49_2700

DI49_2710; DI49_1486; DI49_2711

DI49_2713; DI49_2712

DI49_2715; DI49_1478

DI49_2726; YIL055C; SPGP0B01130

DI49_2737; DI49_2736

DI49_2754; DI49_2753

DI49_2766; DI49_2765

DI49_2768; DI49_2767

SPGP0B01550; DI49_2770; DI49_2771; DI49_1642

DI49_2773; DI49_2772

DI49_2775; DI49_2774

DI49_2784; DI49_2783

DI49_2795; DI49_2794

DI49_2801; DI49_2800

DI49_2803; DI49_2802

DI49_2805; DI49_2804

DI49_2811; DI49_2810

DI49_2816; DI49_2815

YCL061C; YCL063W

YCL033C; YCL034W

YCL026C-B; YCL027W

DI49_2630; DI49_2629

DI49_2632; DI49_2631

DI49_2634; DI49_2633

DI49_2640

DI49_2648; DI49_2647

DI49_2650; DI49_2649

DI49_2652; DI49_2651

DI49_2654; DI49_2653

DI49_2656; DI49_2655

DI49_2667; DI49_2666

DI49_2669; DI49_2668

DI49_2674; DI49_2673

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DI49_2683; DI49_2682

DI49_2688; DI49_2687

DI49_2696; DI49_2695

DI49_2701; DI49_2700

DI49_2710; DI49_1486; DI49_2711

DI49_2713; DI49_2712

DI49_2715; DI49_1478

DI49_2726

DI49_2737; DI49_2736

DI49_2754; DI49_2753

DI49_2766; DI49_2765

DI49_2768; DI49_2767

DI49_2770; DI49_2771; DI49_1642

DI49_2773; DI49_2772

DI49_2775; DI49_2774

DI49_2784; DI49_2783

DI49_2795; DI49_2794

DI49_2801; DI49_2800

DI49_2803; DI49_2802

DI49_2805; DI49_2804

DI49_2811; DI49_2810

DI49_2816; DI49_2815

SPGP0AC01160; SPGP0AC01150

YIL147C

SPGP0B01130

YIL055C

SPGP0B01550

YCL061C; YCL063W

YCL033C; YCL034W

YCL026C-B; YCL027W

YCL004W; YCL005W			YCL004W; YCL005W
YCR018C; YCR017C			YCR018C; YCR017C
YCR020W-B; YCR020C-A			YCR020W-B; YCR020C-A
YCR026C; YCR024C-A			YCR026C; YCR024C-A
YCR043C; YCR042C			YCR043C; YCR042C
YCR045C; YCR044C			YCR045C; YCR044C
YCR047C; YCR046C			YCR047C; YCR046C
YCR051W; YCR048W			YCR051W; YCR048W
YCR053W; YCR052W			YCR053W; YCR052W
YCR057C; YCR054C			YCR057C; YCR054C
YCR060W; YCR059C			YCR060W; YCR059C
YCR066W; YCR065W			YCR066W; YCR065W
YCR068W; YCR067C			YCR068W; YCR067C
YCR071C; YCR069W			YCR071C; YCR069W
YCR073C; YCR072C			YCR073C; YCR072C
YCR075C; YCR073W-A			YCR075C; YCR073W-A
YCR076C; YCR075W-A			YCR076C; YCR075W-A
YCR079W; YCR077C			YCR079W; YCR077C
YCR082W; YCR081W			YCR082W; YCR081W
YCR084C; YCR083W			YCR084C; YCR083W
YCR087W; YCR086W			YCR087W; YCR086W
YCR089W; YCR088W			YCR089W; YCR088W
YCR094W; YCR093W			YCR094W; YCR093W
DI49_2577; DI49_2218; DI49_2578	DI49_2577; DI49_2218; DI49_2578		
SPGP0AF00130; DI49_2579	DI49_2579	SPGP0AF00130	
DI49_2581; YHR179W	DI49_2581		YHR179W
DI49_2583; YHR181W; DI49_2584	DI49_2583; DI49_2584		YHR181W
DI49_2586; DI49_2585	DI49_2586; DI49_2585		
DI49_2588; SPGP0Ctrna21V; SPGP0Altrna23V; YDR307W	DI49_2588	SPGP0Ctrna21V; SPGP0Altrna23V	YDR307W
DI49_2589; YHR186C; DI49_2590	DI49_2589; DI49_2590		YHR186C
DI49_2592; DI49_2591	DI49_2592; DI49_2591		
DI49_2594; DI49_2593; YHR190W; YHR189W	DI49_2594; DI49_2593		YHR190W; YHR189W
DI49_2596; YHR193C; YHR192W	DI49_2596		YHR193C; YHR192W
DI49_2597; YHR194W; DI49_2598	DI49_2597; DI49_2598		YHR194W
DI49_2600; YHR197W; DI49_2601; YHR196W	DI49_2600; DI49_2601		YHR197W; YHR196W
DI49_2603; DI49_2602	DI49_2603; DI49_2602		
DI49_2605; DI49_2604; YHR200W; YHR199C-A	DI49_2605; DI49_2604		YHR200W; YHR199C-A
DI49_2607; DI49_2606	DI49_2607; DI49_2606		
DI49_2611; YHR206W; DI49_2612	DI49_2611; DI49_2612		YHR206W
DI49_2614; DI49_2613; YHR208W; YHR207C	DI49_2614; DI49_2613		YHR208W; YHR207C

DI49_2616; DI49_2615	DI49_2616; DI49_2615	
DI49_2618; SPGP0R03480; DI49_4412; DI49_1327	DI49_2618; DI49_4412; DI49_1327	SPGP0R03480
DI49_4796; SPGP0AP00100	DI49_4796	SPGP0AP00100
SPGP0AG00120; SPGP0AP00110		SPGP0AG00120; SPGP0AP00110
SPGP0AG00130; DI49_4797; DI49_4798	DI49_4797; DI49_4798	SPGP0AG00130
DI49_4800; DI49_4799	DI49_4800; DI49_4799	
DI49_1717; DI49_1718	DI49_1717; DI49_1718	
DI49_1713; DI49_1714	DI49_1713; DI49_1714	
DI49_1711; DI49_1712	DI49_1711; DI49_1712	
DI49_1709; DI49_1710	DI49_1709; DI49_1710	
DI49_1707; DI49_1708	DI49_1707; DI49_1708	
DI49_1705; DI49_1706	DI49_1705; DI49_1706	
DI49_1703; DI49_1704	DI49_1703; DI49_1704	
DI49_1701; DI49_1702	DI49_1701; DI49_1702	
DI49_1699; DI49_1700	DI49_1699; DI49_1700	
DI49_1697; DI49_1698	DI49_1697; DI49_1698	
DI49_1695; SPGP0AH00330; DI49_1694	DI49_1695; DI49_1694	SPGP0AH00330
DI49_1692; DI49_1693	DI49_1692; DI49_1693	
DI49_1687; DI49_1688	DI49_1687; DI49_1688	
SPGP0AH00440; DI49_1684	DI49_1684	SPGP0AH00440
DI49_1680; DI49_1681	DI49_1680; DI49_1681	
DI49_1678; DI49_1679	DI49_1678; DI49_1679	
DI49_1674; DI49_1675	DI49_1674; DI49_1675	
DI49_1670; DI49_1671	DI49_1670; DI49_1671	
DI49_1666; DI49_1667	DI49_1666; DI49_1667	
DI49_1661; DI49_1662	DI49_1661; DI49_1662	
DI49_1657; DI49_1658	DI49_1657; DI49_1658	
DI49_1655; DI49_1656	DI49_1655; DI49_1656	
DI49_1653; DI49_1654	DI49_1653; DI49_1654	
DI49_1648; DI49_1649	DI49_1648; DI49_1649	
DI49_1646; DI49_1647	DI49_1646; DI49_1647	
DI49_1644; DI49_1645; SPGP0E01460; DI49_1471	DI49_1644; DI49_1645; DI49_1471	SPGP0E01460
DI49_1640; DI49_1641	DI49_1640; DI49_1641	
DI49_1638; DI49_1639	DI49_1638; DI49_1639	
DI49_1636; DI49_1637	DI49_1636; DI49_1637	
SPGP0AH00870; DI49_0075	DI49_0075	SPGP0AH00870
DI49_1631; DI49_1632	DI49_1631; DI49_1632	
DI49_1629; DI49_1630	DI49_1629; DI49_1630	
DI49_1628; SPGP0AH00940	DI49_1628	SPGP0AH00940
DI49_1626; DI49_1627	DI49_1626; DI49_1627	

DI49_1624; DI49_1625	DI49_1624; DI49_1625		
DI49_1622; DI49_1623	DI49_1622; DI49_1623		
DI49_1621; YFL034C-A	DI49_1621		YFL034C-A
DI49_1619; DI49_1620	DI49_1619; DI49_1620		
DI49_1617; DI49_1618	DI49_1617; DI49_1618		
DI49_1615; DI49_1616	DI49_1615; DI49_1616		
DI49_1613; DI49_1614	DI49_1613; DI49_1614		
DI49_1611; DI49_1612	DI49_1611; DI49_1612		
DI49_1609; DI49_1610	DI49_1609; DI49_1610		
DI49_1606; DI49_3482; DI49_3483	DI49_1606; DI49_3482; DI49_3483		
YHR205W; DI49_2610; YHR204W	DI49_2610		YHR205W; YHR204W
YHR202W; SPGP0AI00190; YJR145C; YJR144W		SPGP0AI00190	YHR202W; YJR145C; YJR144W
YHR198C; YHR199C			YHR198C; YHR199C
YHR187W; YHR188C			YHR187W; YHR188C
YHR185C; DI49_2587; YHR184W	DI49_2587		YHR185C; YHR184W
YHR182W; YHR183W			YHR182W; YHR183W
YHR178W; DI49_2580; YHR177W	DI49_2580		YHR178W; YHR177W
YHR175W; YHR176W			YHR175W; YHR176W
YDL237W; YDL238C			YDL237W; YDL238C
YDL235C; YDL236W			YDL235C; YDL236W
YDL230W; YDL231C			YDL230W; YDL231C
YDL222C; YDL223C			YDL222C; YDL223C
YDL219W; YDL220C			YDL219W; YDL220C
YDL217C; YDL218W			YDL217C; YDL218W
YDL210W; DI49_0872; YDL209C	DI49_0872		YDL210W; YDL209C
YDL207W; DI49_0875; YDL206W	DI49_0875		YDL207W; YDL206W
YDL204W; YDL205C			YDL204W; YDL205C
YDL202W; YDL203C			YDL202W; YDL203C
YDL200C; YDL201W			YDL200C; YDL201W
YDL198C; DI49_0884; YDL197C	DI49_0884		YDL198C; YDL197C
YDL194W; DI49_0887; YDL193W	DI49_0887		YDL194W; YDL193W
YDL191W; YDL136W			YDL191W; YDL136W
YDL188C; YDL134C; YDL186W			YDL188C; YDL134C; YDL186W
YDL182W; YDL131W; YDL181W			YDL182W; YDL131W; YDL181W
YDL178W; DI49_0901; YDL177C	DI49_0901		YDL178W; YDL177C
YDL175C; YDL176W			YDL175C; YDL176W
YDL173W; YDL174C			YDL173W; YDL174C
YDL167C; DI49_0911; YDL166C	DI49_0911		YDL167C; YDL166C
YDL145C; DI49_0929; YDL144C	DI49_0929		YDL145C; YDL144C
YDL142C; YDL143W			YDL142C; YDL143W

YDL127W; YDL128W	
YDL123W; YDL124W	
YDL110C; DI49_0960; YDL109C	DI49_0960
YDL107W; YDL108W	
YDL105W; DI49_0965; YDL104C	DI49_0965
YDL088C; YDL089W	
YDL073W; DI49_0993; YDL072C	DI49_0993
YDL069C; YDL070W	
YDL066W; DI49_0998; YDL065C	DI49_0998
YDL052C; YDL053C	
YDL044C; DI49_1019; YDL043C	DI49_1019
YDL035C; YDL036C	
YDL024C; YDL025C	
YDL015C; YDL017W	
YDR002W; DI49_1055; YDR003W	DI49_1055
YDR005C; YDR004W	
YDR007W; DI49_1060; YDR009W	DI49_1060
YDR014W-A; YDR014W	
YDR017C; DI49_0215	DI49_0215
YDR042C; YDR041W	
YDR054C; DI49_0248	DI49_0248
YDR070C; YDR069C	
YDR079C-A; YDR079W	
YDR081C; YDR080W	
YDR086C; YDR085C	
YDR092W; YDR091C	
YDR103W; YDR101C	
YDR105C; YDR104C	
YDR111C; YDR110W	
YDR115W; YDR113C	
YDR117C; YDR116C	
YDR121W; YDR120C	
YDR130C; YDR129C	
YDR132C; YDR131C	
YDR139C; YDR138W	
YDR146C; YDR145W	
YDR152W; YDR151C	
YDR159W; YDR158W	
YDR161W; YDR160W	
YDR163W; YDR162C	

YDL127W; YDL128W
YDL123W; YDL124W
YDL110C; YDL109C
YDL107W; YDL108W
YDL105W; YDL104C
YDL088C; YDL089W
YDL073W; YDL072C
YDL069C; YDL070W
YDL066W; YDL065C
YDL052C; YDL053C
YDL044C; YDL043C
YDL035C; YDL036C
YDL024C; YDL025C
YDL015C; YDL017W
YDR002W; YDR003W
YDR005C; YDR004W
YDR007W; YDR009W
YDR014W-A; YDR014W
YDR017C
YDR042C; YDR041W
YDR054C
YDR070C; YDR069C
YDR079C-A; YDR079W
YDR081C; YDR080W
YDR086C; YDR085C
YDR092W; YDR091C
YDR103W; YDR101C
YDR105C; YDR104C
YDR111C; YDR110W
YDR115W; YDR113C
YDR117C; YDR116C
YDR121W; YDR120C
YDR130C; YDR129C
YDR132C; YDR131C
YDR139C; YDR138W
YDR146C; YDR145W
YDR152W; YDR151C
YDR159W; YDR158W
YDR161W; YDR160W
YDR163W; YDR162C

YDR172W; DI49_0362	DI49_0362		YDR172W
YDR177W; YDR176W			YDR177W; YDR176W
YDR179C; YDR178W			YDR179C; YDR178W
YDR183W; YDR182W			YDR183W; YDR182W
YDR207C; YDR206W			YDR207C; YDR206W
YDR217C; YDR216W			YDR217C; YDR216W
YDR219C; YDR218C			YDR219C; YDR218C
YDR222W; YDR221W			YDR222W; YDR221W
YDR234W; DI49_0416	DI49_0416		YDR234W
YDR239C; YDR238C			YDR239C; YDR238C
YDR252W; YDR251W			YDR252W; YDR251W
YDR254W; YDR253C			YDR254W; YDR253C
YDR259C; YDR258C			YDR259C; YDR258C
YDR261C; YDR260C			YDR261C; YDR260C
YDR264C; YDR263C			YDR264C; YDR263C
YDR266C; YDR265W			YDR266C; YDR265W
YDR275W; YDR273W			YDR275W; YDR273W
YDR281C; YDR280W			YDR281C; YDR280W
YDR286C; YDR285W			YDR286C; YDR285W
YDR288W; YDR287W			YDR288W; YDR287W
YDR304C; YDR303C			YDR304C; YDR303C
YDR306C; YDR305C			YDR306C; YDR305C
YDR309C; YDR308C			YDR309C; YDR308C
YDR311W; YDR310C			YDR311W; YDR310C
YDR315C; YDR314C			YDR315C; YDR314C
YDR319C; YDR318W			YDR319C; YDR318W
SPGP0AS00100; SPGP0Q00120		SPGP0AS00100; SPGP0Q00120	
SPGP0AT00100; DI49_3503	DI49_3503	SPGP0AT00100	
SPGP0AT00110; DI49_3504	DI49_3504	SPGP0AT00110	
SPGP0ATtrna20P; SPGP0AHtrna19P		SPGP0ATtrna20P; SPGP0AHtrna19P	
SPGP0AT00120; DI49_3506	DI49_3506	SPGP0AT00120	
YPR062W; DI49_5515	DI49_5515		YPR062W
YPR057W; YPR058W			YPR057W; YPR058W
YPR048W; YPR049C			YPR048W; YPR049C
YPR036W-A; YPR037C			YPR036W-A; YPR037C
YPR028W; YPR029C			YPR028W; YPR029C
YPR023C; YPR024W			YPR023C; YPR024W
YPR018W; YPR019W			YPR018W; YPR019W
YPR010C-A; YPR011C			YPR010C-A; YPR011C
YPR005C; YPR006C			YPR005C; YPR006C

YPL003W; YPL002C			YPL003W; YPL002C
YPL005W; YPL004C			YPL005W; YPL004C
YPL007C; YPL006W			YPL007C; YPL006W
YPL032C; YPL031C			YPL032C; YPL031C
YPL034W; YPL033C			YPL034W; YPL033C
SPGP0BA00100; SPGP0DG00100; DI49_3920	DI49_3920	SPGP0BA00100; SPGP0DG00100	
DI49_3924; SPGP0BC00130	DI49_3924	SPGP0BC00130	
DI49_3926; DI49_3925	DI49_3926; DI49_3925		
DI49_3928; DI49_3927	DI49_3928; DI49_3927		
DI49_3930; DI49_3929	DI49_3930; DI49_3929		
DI49_3932; DI49_3931	DI49_3932; DI49_3931		
DI49_3934; DI49_3933	DI49_3934; DI49_3933		
DI49_3936; DI49_3935	DI49_3936; DI49_3935		
SPGP0BC00280; DI49_3937	DI49_3937	SPGP0BC00280	
SPGP0BC00300; DI49_3938	DI49_3938	SPGP0BC00300	
DI49_3940; DI49_3939	DI49_3940; DI49_3939		
SPGP0BF00100; DI49_3941	DI49_3941	SPGP0BF00100	
DI49_3477; DI49_3476	DI49_3477; DI49_3476		
DI49_3479; DI49_3478	DI49_3479; DI49_3478		
DI49_3485; DI49_3484	DI49_3485; DI49_3484		
DI49_3487; DI49_3486	DI49_3487; DI49_3486		
SPGP0BF00250; DI49_3488	DI49_3488	SPGP0BF00250	
DI49_3492; DI49_3491	DI49_3492; DI49_3491		
DI49_3496; DI49_3495	DI49_3496; DI49_3495		
DI49_3498; DI49_3497	DI49_3498; DI49_3497		
DI49_3500; DI49_3499	DI49_3500; DI49_3499		
DI49_3502; DI49_3501	DI49_3502; DI49_3501		
DI49_3505; DI49_4914; SPGP0Ltrna5P	DI49_3505; DI49_4914	SPGP0Ltrna5P	
DI49_1329; YEL064C; DI49_1330; YEL063C	DI49_1329; DI49_1330		YEL064C; YEL063C
DI49_1332; DI49_1331	DI49_1332; DI49_1331		
DI49_1334; DI49_1333	DI49_1334; DI49_1333		
DI49_1336; DI49_1335	DI49_1336; DI49_1335		
DI49_1338; DI49_1337	DI49_1338; DI49_1337		
DI49_1340; YEL053C	DI49_1340		YEL053C
DI49_1341; YEL052W; DI49_1342; YEL051W	DI49_1341; DI49_1342		YEL052W; YEL051W
DI49_1348; DI49_1347	DI49_1348; DI49_1347		
DI49_1350; YEL043W; DI49_1351; YEL042W	DI49_1350; DI49_1351		YEL043W; YEL042W
DI49_1353; DI49_1352	DI49_1353; DI49_1352		
DI49_1355; DI49_1354	DI49_1355; DI49_1354		
DI49_1357; YEL036C; YEL035C	DI49_1357		YEL036C; YEL035C

DI49_1361; YEL031W	DI49_1361	YEL031W
DI49_1362; YEL030W; DI49_1363; YEL029C	DI49_1362; DI49_1363	YEL030W; YEL029C
DI49_1365; YEL027W	DI49_1365	YEL027W
DI49_1366; YEL026W; DI49_1367; YEL025C	DI49_1366; DI49_1367	YEL026W; YEL025C
DI49_1369; YEL023C	DI49_1369	YEL023C
DI49_1370; YEL022W	DI49_1370	YEL022W
DI49_1372; YEL011W	DI49_1372	YEL011W
DI49_1373; YEL012W	DI49_1373	YEL012W
DI49_1375; YEL013W	DI49_1375	YEL013W
DI49_1376; YEL015W	DI49_1376	YEL015W
DI49_1377; YEL016C; DI49_1378	DI49_1377; DI49_1378	YEL016C
DI49_1380; DI49_1379	DI49_1380; DI49_1379	
DI49_1382; DI49_1381	DI49_1382; DI49_1381	
DI49_1384; YEL021W; DI49_1385	DI49_1384; DI49_1385	YEL021W
DI49_1387; YEL009C; DI49_1388	DI49_1387; DI49_1388	YEL009C
DI49_1390; YEL006W; DI49_1391; YEL005C	DI49_1390; DI49_1391	YEL006W; YEL005C
DI49_1393; DI49_1392	DI49_1393; DI49_1392	
DI49_1395; DI49_1394	DI49_1395; DI49_1394	
DI49_1396; SPGP0E00740	DI49_1396	SPGP0E00740
DI49_1398; DI49_1397	DI49_1398; DI49_1397	
SPGP0E00790; YER006W; DI49_1400; YER007W	DI49_1400	SPGP0E00790
DI49_1402; DI49_1401	DI49_1402; DI49_1401	
DI49_1404; DI49_1403; YER008C; YER009W	DI49_1404; DI49_1403	YER008C; YER009W
DI49_1410; YER014W; DI49_1411; YER015W	DI49_1410; DI49_1411	YER014W; YER015W
DI49_1414; YER017C	DI49_1414	YER017C
DI49_1415; YER018C; DI49_1416; YER019W	DI49_1415; DI49_1416	YER018C; YER019W
DI49_1419; YER021W; DI49_1420; YER022W	DI49_1419; DI49_1420	YER021W; YER022W
DI49_1422; YER024W	DI49_1422	YER024W
DI49_1423; YER025W	DI49_1423	YER025W
DI49_1427; DI49_1426	DI49_1427; DI49_1426	
DI49_1429; DI49_1428	DI49_1429; DI49_1428	
DI49_1431; DI49_1430	DI49_1431; DI49_1430	
DI49_1433; DI49_1432	DI49_1433; DI49_1432	
DI49_1435; YER036C; DI49_1436; YER037W	DI49_1435; DI49_1436	YER036C; YER037W
DI49_1438; YER039C; DI49_1439; YER040W	DI49_1438; DI49_1439	YER039C; YER040W
DI49_1441; YER042W	DI49_1441	YER042W
DI49_1442; YER043C	DI49_1442	YER043C
DI49_1443; YER044C; DI49_1444; YER044C-A	DI49_1443; DI49_1444	YER044C; YER044C-A
DI49_1446; DI49_1445	DI49_1446; DI49_1445	
DI49_1448; YER048C	DI49_1448	YER048C

DI49_1452; DI49_1451	DI49_1452; DI49_1451		
DI49_1454; YER052C	DI49_1454		YER052C
DI49_1455; YER053C	DI49_1455		YER053C
DI49_1456; YER053C-A; DI49_1457; YER054C	DI49_1456; DI49_1457		YER053C-A; YER054C
DI49_1459; YER056C; DI49_1463; DI49_1464; YER060W	DI49_1459; DI49_1463; DI49_1464		YER056C; YER060W
SPGP0E01350; YER056C-A; DI49_1460; YER057C	DI49_1460	SPGP0E01350	YER056C-A; YER057C
DI49_1462; YER059W	DI49_1462		YER059W
DI49_1465; YER061C; YER062C	DI49_1465		YER061C; YER062C
DI49_1469; YER065C	DI49_1469		YER065C
DI49_1473; YER069W	DI49_1473		YER069W
DI49_1474; YER070W	DI49_1474		YER070W
DI49_1475; YER071C	DI49_1475		YER071C
DI49_1476; YER072W	DI49_1476		YER072W
DI49_1477; YER073W	DI49_1477		YER073W
DI49_1482; YER077C	DI49_1482		YER077C
DI49_1483; YER078C	DI49_1483		YER078C
DI49_1484; YER079W	DI49_1484		YER079W
DI49_1485; YER080W	DI49_1485		YER080W
DI49_1487; YER082C	DI49_1487		YER082C
DI49_1488; YER083C; DI49_1489; YER085C	DI49_1488; DI49_1489		YER083C; YER085C
DI49_1491; YER087W; DI49_1492; YER087C-B	DI49_1491; DI49_1492		YER087W; YER087C-B
DI49_1495; DI49_1493	DI49_1495; DI49_1493		
DI49_1497; SPGP0I01770; DI49_1498; YER092W	DI49_1497; DI49_1498	SPGP0I01770	YER092W
SPGP0E01740; DI49_1499	DI49_1499	SPGP0E01740	
DI49_1501; YER095W; DI49_1502; YER096W	DI49_1501; DI49_1502		YER095W; YER096W
DI49_1506; DI49_1505	DI49_1506; DI49_1505		
DI49_1509; YER103W; DI49_1510; YER104W	DI49_1509; DI49_1510		YER103W; YER104W
DI49_1512; DI49_1511	DI49_1512; DI49_1511		
DI49_1514; YER109C	DI49_1514		YER109C
DI49_1515; YER110C	DI49_1515		YER110C
DI49_1516; YER111C; DI49_1517; YER112W	DI49_1516; DI49_1517		YER111C; YER112W
DI49_1519; YER114C; DI49_1520; YER115C	DI49_1519; DI49_1520		YER114C; YER115C
DI49_1523; YER118C; DI49_1524; YER119C	DI49_1523; DI49_1524		YER118C; YER119C
DI49_1526; YER122C	DI49_1526		YER122C
DI49_1527; YER123W; DI49_1528; YER124C	DI49_1527; DI49_1528		YER123W; YER124C
DI49_1530; YER126C	DI49_1530		YER126C
DI49_1531; YER127W; DI49_1532; YER128W	DI49_1531; DI49_1532		YER127W; YER128W
DI49_1534; DI49_1533	DI49_1534; DI49_1533		
DI49_1536; YER132C	DI49_1536		YER132C
DI49_1542; YER136W; DI49_1543; YER137C	DI49_1542; DI49_1543		YER136W; YER137C

DI49_1547; YER139C; DI49_1548; YER140W	DI49_1547; DI49_1548	YER139C; YER140W
DI49_1550; YER142C; DI49_1551; YER143W	DI49_1550; DI49_1551	YER142C; YER143W
DI49_1553; YER145C; DI49_1554; YER146W	DI49_1553; DI49_1554	YER145C; YER146W
DI49_1556; YER148W; DI49_1557; YER149C	DI49_1556; DI49_1557	YER148W; YER149C
DI49_1560; YER151C	DI49_1560	YER151C
DI49_1561; YER152C; DI49_1562; YER153C	DI49_1561; DI49_1562	YER152C; YER153C
DI49_1564; YER155C; DI49_1565; YER156C	DI49_1564; DI49_1565	YER155C; YER156C
DI49_1569; YER158C; DI49_1570; YER159C	DI49_1569; DI49_1570	YER158C; YER159C
SPGP0E02400; DI49_1573	DI49_1573	
DI49_1575; YER165W	DI49_1575	YER165W
DI49_1576; YER166W	DI49_1576	YER166W
DI49_1577; YER167W; DI49_1578; YER168C	DI49_1577; DI49_1578	YER167W; YER168C
DI49_1580; DI49_1579	DI49_1580; DI49_1579	
DI49_1582; YER172C	DI49_1582	YER172C
DI49_1583; YER173W; SPGP0E02510; YER174C	DI49_1583	YER173W; YER174C
DI49_1585; DI49_1584	DI49_1585; DI49_1584	
DI49_1587; YER178W; DI49_1588; YER179W	DI49_1587; DI49_1588	YER178W; YER179W
DI49_1590; DI49_1589	DI49_1590; DI49_1589	
YGR278W; YGR279C		YGR278W; YGR279C
YGR273C; YGR274C		YGR273C; YGR274C
YGR266W; YGR267C		YGR266W; YGR267C
SPGP0Ftrna29T; YPR108W-A; YGR255C; YGR089W	SPGP0Ftrna29T	YPR108W-A; YGR255C; YGR089W
YGR249W; YGR250C		YGR249W; YGR250C
YGR247W; YGR248W		YGR247W; YGR248W
YGR241C; YGR243W		YGR241C; YGR243W
YGR239C; YGR240C		YGR239C; YGR240C
YGR237C; YGR238C		YGR237C; YGR238C
YGR235C; YGR236C		YGR235C; YGR236C
YGR233C; YGR234W		YGR233C; YGR234W
YGR227W; YGR229C		YGR227W; YGR229C
YGR224W; YGR225W		YGR224W; YGR225W
YGR222W; YGR223C		YGR222W; YGR223C
YGR220C; YGR221C		YGR220C; YGR221C
YGR211W; YGR212W		YGR211W; YGR212W
YGR201C; YGR202C		YGR201C; YGR202C
YGR199W; YGR200C		YGR199W; YGR200C
YGR194C; YGR195W		YGR194C; YGR195W
YGR192C; YJR009C		YGR192C; YJR009C
YGR168C; YGR169C		YGR168C; YGR169C
YGR166W; YGR167W		YGR166W; YGR167W

YGR158C; YGR159C		YGR158C; YGR159C
YGR152C; DI49_2116	DI49_2116	YGR152C
YGR148C; YGL031C; YGR147C		YGR148C; YGL031C; YGR147C
YGR138C; DI49_2099	DI49_2099	YGR138C
YGR130C; YGR131W		YGR130C; YGR131W
YGR128C; YGR129W		YGR128C; YGR129W
YGR126W; YGR127W		YGR126W; YGR127W
YGR113W; YGR116W		YGR113W; YGR116W
YGR104C; YGR105W		YGR104C; YGR105W
YGR102C; YGR103W		YGR102C; YGR103W
YGR091W; YGR092W		YGR091W; YGR092W
YGR081C; YGR082W		YGR081C; YGR082W
YGR071C; YGR072W		YGR071C; YGR072W
YGR063C; YGR065C		YGR063C; YGR065C
YGR061C; DI49_2021	DI49_2021	YGR061C
YGR057C; YGR058W		YGR057C; YGR058W
YGR042W; YGR043C		YGR042W; YGR043C
YGR040W; YGR041W		YGR040W; YGR041W
YGR014W; YGR015C		YGR014W; YGR015C
YGR012W; YGR013W		YGR012W; YGR013W
YGR006W; YGR007W		YGR006W; YGR007W
YGL002W; YGL001C		YGL002W; YGL001C
YGL004C; YGL003C		YGL004C; YGL003C
YGL008C; DI49_1959	DI49_1959	YGL008C
YGL012W; YGL011C		YGL012W; YGL011C
YGL017W; YGL016W		YGL017W; YGL016W
YGL019W; YGL018C		YGL019W; YGL018C
YGL026C; DI49_1942	DI49_1942	YGL026C
YGL035C; YGL033W		YGL035C; YGL033W
YGL037C; YGL036W		YGL037C; YGL036W
YGL047W; SPGP0Ftrna27V	SPGP0Ftrna27V	YGL047W
YGL059W; YGL058W		YGL059W; YGL058W
YGL061C; YGL060W		YGL061C; YGL060W
YGL063W; YGL062W		YGL063W; YGL062W
YGL082W; YGL081W		YGL082W; YGL081W
YGL089C; YGL087C		YGL089C; YGL087C
YGL091C; YGL090W		YGL091C; YGL090W
YGL096W; SPGP0Ftrna25E	SPGP0Ftrna25E	YGL096W
YGL104C; YGL103W		YGL104C; YGL103W
YGL106W; YGL105W		YGL106W; YGL105W

YGL108C; YGL107C
YGL111W; YGL110C
YGL113W; YGL112C
YGL121C; YGL120C
YGL126W; YGL125W
YGL133W; YGL131C
YGL145W; YGL144C
YGL155W; YGL154C
YGL157W; YGL156W
YGL161C; YGL160W
YGL163C; YGL162W
YGL166W; YGL164C
YGL169W; YGL167C
DI49_1796; DI49_1797
DI49_1794; DI49_1795
DI49_1792; DI49_1793
DI49_1786; DI49_1787
DI49_1768; DI49_1769
DI49_1762; DI49_1763
DI49_1749; DI49_1750
SPGP0F04740; DI49_1748
DI49_1740; DI49_1741
DI49_1738; DI49_1739
DI49_1736; DI49_1737
DI49_1734; DI49_1735
DI49_1732; DI49_1733
SPGP0F04960; SPGP0F04950
YJR148W; YJR149W
YJR142W; YJR143C
YJR140C; YJR141W
YJR132W; DI49_3140; YJR131W
YJR129C; YJR130C
YJR126C; YJR127C
YJR123W; DI49_3132; YJR122W
YJR117W; DI49_3127; YJR116W
YJR113C; YJR115W
YJR112W; YJR112W-A
YJR104C; DI49_3114; YJR103W
YJR101W; YJR102C

DI49_1796; DI49_1797
DI49_1794; DI49_1795
DI49_1792; DI49_1793
DI49_1786; DI49_1787
DI49_1768; DI49_1769
DI49_1762; DI49_1763
DI49_1749; DI49_1750
DI49_1748
DI49_1740; DI49_1741
DI49_1738; DI49_1739
DI49_1736; DI49_1737
DI49_1734; DI49_1735
DI49_1732; DI49_1733

DI49_3140

DI49_3132
DI49_3127

DI49_3114

YGL108C; YGL107C
YGL111W; YGL110C
YGL113W; YGL112C
YGL121C; YGL120C
YGL126W; YGL125W
YGL133W; YGL131C
YGL145W; YGL144C
YGL155W; YGL154C
YGL157W; YGL156W
YGL161C; YGL160W
YGL163C; YGL162W
YGL166W; YGL164C
YGL169W; YGL167C

SPGP0F04740

SPGP0F04960; SPGP0F04950

YJR148W; YJR149W
YJR142W; YJR143C
YJR140C; YJR141W
YJR132W; YJR131W
YJR129C; YJR130C
YJR126C; YJR127C
YJR123W; YJR122W
YJR117W; YJR116W
YJR113C; YJR115W
YJR112W; YJR112W-A
YJR104C; YJR103W
YJR101W; YJR102C

YJR094W-A; DI49_3103; YJR094C	DI49_3103	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
YJR075W; DI49_3086; YJR074W	DI49_3086	YJR075W; YJR074W
YJR072C; YJR073C		YJR072C; YJR073C
YJR068W; DI49_3081; YJR067C	DI49_3081	YJR068W; YJR067C
YJR064W; DI49_3077; YJR063W	DI49_3077	YJR064W; YJR063W
YJR054W; DI49_3063; YJR053W	DI49_3063	YJR054W; YJR053W
YJR045C; DI49_3052; YJR044C	DI49_3052	YJR045C; YJR044C
YJR041C; YJR042W		YJR041C; YJR042W
YJR032W; DI49_3040; YJR031C	DI49_3040	YJR032W; YJR031C
YJR025C; YJR030C		YJR025C; YJR030C
YJR022W; YJR024C		YJR022W; YJR024C
YJR013W; YJR012C		YJR013W; YJR012C
YJR004C; DI49_3019; YJR003C	DI49_3019	YJR004C; YJR003C
YJR001W; YJR002W		YJR001W; YJR002W
YJL002C; YJL001W		YJL002C; YJL001W
YJL004C; YJL003W		YJL004C; YJL003W
YJL013C; YJL012C		YJL013C; YJL012C
YJL016W; YJL014W		YJL016W; YJL014W
YJL024C; DI49_2995; YJL025W	DI49_2995	YJL024C; YJL025W
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
SPGP0G01900; YJL049W		YJL049W
YJL052W; DI49_2963; YJL053W	DI49_2963	YJL052W; YJL053W
YJL055W; YJL054W		YJL055W; YJL054W
YJL057C; YJL056C		YJL057C; YJL056C
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
YJL074C; YJL073W		YJL074C; YJL073W

YJL078C; YJL076W			YJL078C; YJL076W
YJL087C; DI49_2933; YJL088W	DI49_2933		YJL087C; YJL088W
YJL109C; DI49_2911; YJL110C	DI49_2911		YJL109C; YJL110C
YJL117W; YJL116C			YJL117W; YJL116C
YJL121C; YJL118W			YJL121C; YJL118W
YJL123C; YJL122W			YJL123C; YJL122W
YJL133C-A; DI49_2889; YJL134W	DI49_2889		YJL133C-A; YJL134W
YJL137C; YJL136C			YJL137C; YJL136C
YJL139C; YJL138C			YJL139C; YJL138C
YJL143W; DI49_2882; YJL144W	DI49_2882		YJL143W; YJL144W
YJL146W; DI49_2879; YJL147C	DI49_2879		YJL146W; YJL147C
YJL168C; DI49_2859; YJL170C	DI49_2859		YJL168C; YJL170C
YJL177W; DI49_2852; YJL178C	DI49_2852		YJL177W; YJL178C
YJL184W; YJL183W			YJL184W; YJL183W
YJL193W; DI49_2838; YJL194W	DI49_2838		YJL193W; YJL194W
YJL197W; YJL196C			YJL197W; YJL196C
YJL201W; DI49_2831; YJL203W	DI49_2831		YJL201W; YJL203W
YJL210W; YJL209W			YJL210W; YJL209W
SPGP0G03340; YJL212C		SPGP0G03340	YJL212C
DI49_0077; DI49_0001; SPGP0H00880	DI49_0077; DI49_0001	SPGP0H00880	
DI49_0070; DI49_0071	DI49_0070; DI49_0071		
DI49_0064; DI49_0065	DI49_0064; DI49_0065		
DI49_0057; DI49_0058	DI49_0057; DI49_0058		
DI49_0053; YAL007C; DI49_0052	DI49_0053; DI49_0052		YAL007C
DI49_0050; DI49_0051	DI49_0050; DI49_0051		
DI49_0047; YAL014C; DI49_0046	DI49_0047; DI49_0046		YAL014C
DI49_0037; YAL024C; DI49_0036	DI49_0037; DI49_0036		YAL024C
DI49_0030; DI49_0031	DI49_0030; DI49_0031		
DI49_0025; YAL036C; DI49_0024	DI49_0025; DI49_0024		YAL036C
DI49_0022; DI49_0023	DI49_0022; DI49_0023		
DI49_0012; DI49_0013	DI49_0012; DI49_0013		
DI49_0010; DI49_0011	DI49_0010; DI49_0011		
DI49_0008; DI49_0009	DI49_0008; DI49_0009		
DI49_0006; DI49_0007	DI49_0006; DI49_0007		
DI49_0004; DI49_0005	DI49_0004; DI49_0005		
YEL072W; YEL073C			YEL072W; YEL073C
YEL061C; YEL062W			YEL061C; YEL062W
YEL059C-A; YEL060C			YEL059C-A; YEL060C
YEL057C; YEL058W			YEL057C; YEL058W
YEL055C; YEL056W			YEL055C; YEL056W

YEL046C; YEL047C			YEL046C; YEL047C
YEL044W; YEL045C			YEL044W; YEL045C
YEL040W; YEL041W			YEL040W; YEL041W
YEL038W; YEL039C			YEL038W; YEL039C
YEL020W-A; DI49_1383; YEL020C	DI49_1383		YEL020W-A; YEL020C
YEL018W; YEL019C			YEL018W; YEL019C
YEL017W; YEL017C-A			YEL017W; YEL017C-A
YEL007W; DI49_1389	DI49_1389		YEL007W
YEL003W; YEL004W			YEL003W; YEL004W
YEL001C; YEL002C			YEL001C; YEL002C
YER002W; YER001W			YER002W; YER001W
YER004W; YER003C			YER004W; YER003C
YER016W; SPGP0I00960		SPGP0I00960	YER016W
YER028C; YER027C			YER028C; YER027C
YER030W; YER029C			YER030W; YER029C
YER032W; YER031C			YER032W; YER031C
YER034W; YER033C			YER034W; YER033C
YER046W; YER045C			YER046W; YER045C
YER050C; YER049W			YER050C; YER049W
YER064C; DI49_1468	DI49_1468		YER064C
YER068W; YER067W			YER068W; YER067W
YER075C; DI49_1480	DI49_1480		YER075C
YER090W; DI49_1496	DI49_1496		YER090W
YER093C-A; YER093C			YER093C-A; YER093C
YER100W; YER099C			YER100W; YER099C
YER106W; YER105C			YER106W; YER105C
YER130C; YER129W			YER130C; YER129W
YER163C; YER162C			YER163C; YER162C
YER170W; YER169W			YER170W; YER169W
YER176W; YER175C			YER176W; YER175C
YER180C-A; YER180C			YER180C-A; YER180C
YER184C; YER183C			YER184C; YER183C
YER186C; YER185W			YER186C; YER185W