

Seed	Size	Fitness	Members
Q0045	11	0.83631558	YDL067C, YGL191W, YMR256C, YLR395C, YNL052W, YHR051W, YGL187C, Q02
Q0080	15	0.97287357	YDL004W, YDR322C-A, YLR295C, YML081C-A, YOL077W- A, YPR020W, YPL271W, YDR377W, Q0130, YBL099W, YDR298C, YKL016C, Q00
Q0085	15	0.92326821	YDL004W, YDR322C-A, YLR295C, YML081C-A, YOL077W- A, YPR020W, YPL271W, YDR377W, Q0130, YDR298C, YKL016C, YBL099W, Q00
Q0105	10	0.71708952	YGR183C, YHR001W-
Q0130	15	0.91301115	YDL004W, YDR322C-A, YLR295C, YML081C-A, YOL077W- A, YPR020W, YPL271W, YDR377W, YDR298C, YKL016C, Q0080, Q0085, YBL09
Q0140	30	0.97371184	YBL090W, YBR146W, YBR251W, YDL045W- A, YDR041W, YDR175C, YDR337W, YDR347W, YER050C, YGL129C, YGR084C, Y
Q0250	11	0.76422938	GR165W, YGR215W, YHL004W, YIL093C, YJR101W, YJR113C, YKL003C, YKL1
Q0275	11	0.76893806	55C, YMR158W, YMR188C, YNL081C, YNL137C, YNL306W, YNR037C, YOR158W
YAL002W	7	0.64509707	YDL067C, YGL191W, YNL052W, YMR256C, YLR395C, YHR051W, YGL187C, Q02
YAL003W	4	0.36499169	YDL067C, YNL052W, YGL191W, YMR256C, YLR395C, YHR051W, YGL187C, Q02
YAL005C	13	0.44775525	YDR495C, YLR396C, YLR148W, YMR231W, YPL045W, YDL077C
YAL007C	9	0.6903412	YDR495C, YLR396C, YLR148W, YMR231W, YPL045W, YDL077C
YAL009W	2	0.07515395	YAR002C-
YAL010C	4	0.25082733	YHR004C
YAL011W	15	0.45001701	YLL006W, YOL009C, YNL026W
YAL013W	14	0.7275658	YLR385C, YLR085C, YDR485C, YDR334W, YBR231C, YML041C, YNL107W, YGR
YAL016W	9	0.27290742	002C, YPL235W, YDR190C, YFL039C, YJL081C, YDL002C, YFL013C
YAL017W	84	0.84176201	YIL084C, YKL185W, YNL097C, YPL181W, YBR095C, YMR263W, YOL004W, YNL
YAL019W	13	0.37865123	330C, YPL139C, YDR207C, YMR075W, YMR176W, YJR094C
YAL020C	2	0.4993033	YDL134C, YGL190C, YOR014W, YMR028W, YPL152W, YDL188C, YML109W, YMR
YAL021C	10	0.74055982	YBL105C, YGR188C, YHR205W, YNL298W, YOL113W, YGR092W, YDL101C, YHL
YAL024C	3	0.14395544	007C, YDR122W, YLR096W, YLR362W, YNL161W, YDR283C, YFL033C, YPL153
YAL026C	6	0.36737656	C, YBL016W, YDR247W, YAR018C, YDR477W, YDR490C, YDR507C, YER123W, Y
YAL029C	3	0.07580133	ER129W, YFL029C, YBR059C, YFR014C, YGL158W, YGL180W, YGR040W, YGR0
YAL030W	5	0.17504534	52W, YBR097W, YBR160W, YBR274W, YHR030C, YHR079C, YHR082C, YHR102W
YAL033W	10	1	, YHR135C, YCL024W, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJ
YAL034W-A	4	0.24546441	L164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16
YAL035W	3	0.15650802	YNL031C, YNL030W, YBL002W, YBL003C, YBR009C, YDR224C, YBR010W, YDR
YAL040C	12	0.30114457	YGL097W
YAL041W	5	0.1990403	YIL038C, YPR072W, YDL165W, YGR134W, YER068W, YCR093W, YNR052C, YNL
YAL042W	6	0.43180015	YGR238C, YCR038C
YAL043C	20	0.77983781	YDR093W, YEL031W, YMR162C, YIL048W, YER166W
YAL047C	6	0.43492075	YDR093W, YEL031W, YMR162C, YIL048W, YER166W
YAL051W	2	0.20196274	YOR326W, YHR023W
YAL053W	2	1	YPL232W, YGR009C, YOR327C, YPR032W
YAL054C	2	1	YBL018C, YNL282W, YBR167C, YGR030C, YHR062C, YNL221C, YBR257W, YDR
YAL056W	3	0.29038933	YPL233W, YJR112W, YIR010W
			YMR012W, YLR192C
			YBR160W, YLR210W, YGR109C, YGR108W, YDL155W, YPR119W, YPR120C, YMR
			YJL157C, YJR086W, YLR371W, YHR005C
			YAL007C, YML067C, YGL200C, YML012W, YAR002C-A
			YOR179C, YLR277C, YLR115W, YPR107C, YNL317W, YKR002W, YJR093C, YNL
			222W, YDR301W, YKL059C, YDR195W, YGR156W, YKL018W, YER133W, YDR228
			YBR109C, YNL225C, YPL124W, YKLO42W, YDR356W
			YOR363C
			YPL221W
			YLR153C
			YGR238C, YOR371C

YAL062W	2	1	YOR375C
YAR002C-A	9	0.6903412	YAL007C, YGL200C, YML012W, YAL042W, YGL002W, YDL018C, YHR110W, YOR
YAR003W	7	0.39848229	YBR175W, YBR258C, YHR119W, YPL138C, YDR469W, YLR015W
YAR007C	4	0.58513938	YNL312W, YJL173C, YNL073W
YAR014C	21	0.34592921	YER133W, YLR310C, YBL007C, YER114C, YBL085W, YKL129C, YMR109W, YBR 200W, YHR114W, YDR388W, YHL002W, YFR024C-
YAR018C	84	0.84176201	YBL105C, YGR188C, YHR205W, YNL298W, YOL113W, YGR092W, YDL101C, YHL 007C, YDR122W, YLR096W, YLR362W, YNL161W, YDR283C, YFL033C, YPL153 C, YBL016W, YDR247W, YAL017W, YDR477W, YDR490C, YDR507C, YER123W, Y ER129W, YFL029C, YBR059C, YFR014C, YGL158W, YGL180W, YGR040W, YGR0 52W, YBR097W, YBR160W, YBR274W, YHR030C, YHR079C, YHR082C, YHR102W , YHR135C, YCL024W, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJ L164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16 YJL076W, YBL105C, YNL161W, YPL204W, YBR160W, YOR061W, YDR477W, YIL 035C, YPL209C, YDL017W, YDL101C, YOL113W, YDL108W, YNL298W, YLR096 W, YPL153C, YGR188C, YLR362W, YHL007C, YFL033C, YDR283C, YBL016W, Y DL159W, YKL166C, YJL164C, YPL203W, YKL139W, YBR097W, YPL031C, YPR1 61C, YFR014C, YNR031C, YOL016C, YOL045W, YGR052W, YOL128C, YDR247W , YPL026C, YER123W, YKL171W, YHR102W, YLR248W, YFL029C, YNL154C, YP R054W, YBR274W, YHR082C, YJL141C, YGL180W, YHR079C, YCR008W, YJL16 5C, YJR059W, YGL158W, YHR135C, YDR490C, YGR040W, YNL020C, YKL048C, YGL051W
YAR019C	86	0.80850796	YDL019C, YLR425W, YPL115C, YER111C, YDR264C, YIR033W, YOR034C, YKL 020C, YJR092W, YLR182W, YHR001W, YNL257C, YHR073W, YGR097W, YPL145 YNL031C, YNL030W, YBL003C, YDR225W, YBR010W, YBR009C, YDR224C, YAL 019W, YOL012C, YKL049C, YER030W, YBL025W, YMR270C, YLR141W, YDL074 YBL002W, YNL031C, YNL030W, YDR225W, YBR010W, YBR009C, YDR224C, YAL 019W, YOL012C, YKL049C, YBL025W, YMR270C, YLR141W, YER030W, YDL074 YGR056W, YLR357W, YKR008W, YLR033W, YCR020W-
YAR033W	2	1	B, YHR056C, YDR303C, YCR052W, YLR321C, YFR037C, YMR091C, YML127W, Y IL126W, YPR034W, YMR033W, YGR275W, YLR399C, YGR270W
YAR042W	16	0.37286709	YNL084C, YIR006C, YGR241C, YNL243W
YBL002W	17	0.41350159	YOR038C, YJR140C, YBR215W
YBL003C	16	0.41180007	YPR140W
YBL006C	19	0.65126841	YJL025W, YML043C
YBL007C	5	0.36628915	YLR362W, YDL159W, YDR103W
YBL008W	4	0.18009393	YAL033W, YGR030C, YBR167C, YHR062C, YNL221C, YBR257W, YNL282W, YDR
YBL011W	2	1	YAL021C
YBL014C	3	1	YMR089C, YER017C, YPR024W, YDR258C, YNL329C, YPR173C, YLL034C, YLR
YBL016W	4	0.13840286	YEL032W, YBR202W, YLR274W, YPR019W, YGL201C, YDR052C
YBL018C	10	1	YNL061W
YBL019W	2	0.00907698	YOR295W, YMR270C, YLR141W
YBL022C	12	0.28488027	YJR022W, YER146W, YER112W, YDR378C, YNL147W, YLR438C-
YBL023C	7	0.53768019	A, YGR006W, YDL098C, YBR152W, YGR091W, YBR055C, YDR473C, YOR308C, Y PR178W, YPR082C, YKL173W, YEL026W, YJL124C, YOR310C
YBL024W	2	0.01260419	YBR104W, YBR192W, YDL198C, YFR045W, YIL006W, YMR056C, YMR241W, YPR
YBL025W	4	0.24087613	YLR116W, YNL210W, YJL080C
YBL026W	20	0.55864734	YNL102W, YKL045W, YIR008C
YBL030C	9	1	YPR100W, YLR312W-
YBL032W	4	0.02439929	A, YNL185C, YMR286W, YKL138C, YKL170W, YBR268W, YCR046C, YNL177C, Y
YBL035C	4	0.60187019	GL068W, YOR150W, YPL183W-
YBL038W	42	0.94005515	A, YJL063C, YMR193W, YDR115W, YDL202W, YDR116C, YGR076C, YNR022C, Y MR225C, YKR085C, YHR147C, YCR003W, YJL096W, YCR071C, YDR462W, YNL2

YBL041W	14	0.77428374	YGR253C, YGR135W, YOR157C, YFR050C, YML092C, YER094C, YOL038W, YOR362C, YGL011C, YMR314W, YER012W, YJL001W, YPR103W
YBL042C	2	1	YER056C
YBL045C	13	0.81835683	YPR191W, Q0105, YGR183C, YDR529C, YHR001W-
YBL046W	3	0.39139913	YDR075W, YNL201C
YBL047C	8	0.19949071	YMR276W, YEL037C, YBR058C, YGL181W, YOR138C, YER143W, YER162C
YBL051C	7	0.06648528	YBR119W, YHR086W, YPL043W, YPR112C, YNL286W, YPR163C
YBL052C	3	0.09555492	YPR031W, YOR064C
YBL056W	6	0.499638	YJL005W, YCR079W, YDL006W, YER089C, YBR125C
YBL058W	6	0.24716856	YJL048C, YMR067C, YBR273C, YDR330W, YML013W
YBL060W	5	0.80916909	YDR170C, YEL022W, YJR031C, YPR095C
YBL061C	2	0.07102165	YDL203C
YBL063W	6	0.78324603	YEL061C, YGL216W, YKL079W, YPL155C, YPR141C
YBL064C	4	0.98234155	YDR453C, YML028W, YIL010W
YBL068W	5	0.99590474	YHL011C, YER099C, YOL061W, YKL181W
YBL069W	2	1	YMR318C
YBL072C	48	0.94666857	YER102W, YMR116C, YLR048W, YNL096C, YPL081W, YJL136C, YDL083C, YNL302C, YLR167W, YGR118W, YLR264W, YOR167C, YOR293W, YHR021C, YPR132W, YKL156W, YMR230W, YML063W, YIL069C, YDR450W, YML026C, YOL121C, YER074W, YMR143W, YGL189C, YJL191W, YER131W, YDR447C, YML024W, YHLO
YBL075C	3	0.25930539	YMR186W, YNL064C
YBL079W	3	0.40611348	YMR153W, YDL088C
YBL084C	15	0.82771346	YKL022C, YHR166C, YGL003C, YFR036W, YDL008W, YIR025W, YOR249C, YGL240W, YLR102C, YLR127C, YNL172W, YDR118W, YDR260C, YCR060W
YBL085W	11	0.63364894	YER114C, YIL068C, YPR055W, YLR166C, YJL085W, YBR102C, YER008C, YGL
YBL088C	6	0.06551026	YHR099W, YJR066W, YKL203C, YBR136W, YLR240W
YBL090W	30	0.90758449	YNL081C, YPR166C, YPL013C, YDL045W- A, YMR188C, YPL118W, YMR158W, YER050C, YKL003C, YGR165W, YDR347W, YGR084C, YOR158W, YIL093C, YJR101W, YGL129C, YBR146W, YNL306W, YNL137C, YDR337W, YJR113C, YGR215W, YNR037C, YDR175C, YDR041W, YKL155C
YBL093C	24	0.89920773	YNL025C, YDR443C, YCR081W, YPL042C, YGL127C, YHR041C, YDL005C, YBR253W, YNL236W, YER022W, YGL025C, YGR104C, YOL051W, YLR071C, YPR070
YBL097W	5	0.65736634	YLR086W, YFR031C, YDR325W, YLR272C
YBL099W	15	0.91339874	YDL004W, YDR322C-A, YLR295C, YML081C-A, YOL077W- A, YPR020W, YPL271W, Q0080, YDR377W, YDR298C, YKL016C, Q0130, Q0085
YBL101C	4	0.99458852	YGL045W, YOR018W, YPR030W
YBL102W	2	1	YMR292W
YBL103C	5	0.16888299	YOL067C, YOR032C, YFR034C, YOR344C
YBL105C	84	0.83658501	YHR205W, YNL161W, YGR092W, YBL016W, YAR019C, YOL113W, YNL298W, YLR362W, YHL007C, YGR188C, YPL153C, YDL101C, YLR096W, YFL033C, YDR283C, YDR122W, YPL204W, YIL035C, YDL159W, YOR061W, YBR097W, YDR477W, YDL017W, YKL139W, YPR161C, YPL209C, YKL166C, YJL164C, YPL031C, YPL203W, YCR008W, YLR248W, YBR274W, YNL154C, YDR490C, YHR079C, YNR031C, YOL016C, YOL045W, YHR102W, YOL128C, YER123W, YPL026C, YFL029C, YJL141C, YDR247W, YKL048C, YFR014C, YGR052W, YPR054W, YKL171W, YDL02
YBR005W	2	1	YDR003W
YBR009C	16	0.50379152	YBL025W, YBR010W, YBL002W, YBL003C, YDR225W, YNL031C, YNL030W, YDR224C, YOR295W, YMR270C, YLR141W, YAL019W, YOL012C, YKL049C, YER030
YBR010W	16	0.4547739	YBL025W, YBR009C, YBL002W, YBL003C, YDR225W, YNL030W, YNL031C, YDR224C, YOR295W, YMR270C, YLR141W, YAL019W, YOL012C, YKL049C, YER030
YBR045C	2	0.01888024	YER133W

YBR048W	47	0.95246823	YDR025W, YMR116C, YLR048W, YJL136C, YNL096C, YML063W, YDL083C, YIL069C, YNL302C, YLR167W, YHR021C, YOR293W, YLR264W, YOR167C, YGR118W, YPR132W, YKL156W, YMR230W, YDR450W, YML026C, YOL121C, YPL081W, YER074W, YMR143W, YDR447C, YML024W, YGL189C, YER131W, YBR189W, YJL1
YBR049C	2	0.00706485	YDR359C
YBR050C	21	0.73952079	YER133W, YGL115W, YOR179C, YPR107C, YLR277C, YNL317W, YLR115W, YKR002W, YDR301W, YJR093C, YKL059C, YNL222W, YGR156W, YDR195W, YDR028
YBR055C	20	0.55054475	YGR006W, YDL098C, YBR152W, YOR308C, YGR091W, YDR473C, YPR178W, YER146W, YNL147W, YER112W, YDR378C, YJR022W, YLR438C-
YBR058C	16	0.43021421	YFR005C, YBL047C, YGL181W, YER144C, YMR276W, YDL122W, YER098W, YIL156W, YER143W, YDR069C, YMR304W, YNL186W, YOR124C, YOR138C, YPL072
YBR059C	82	0.80863036	YBL016W, YAR019C, YBL105C, YKL166C, YJL164C, YPL203W, YOR061W, YIL035C, YOL113W, YNL298W, YDL159W, YBR160W, YHR205W, YLR362W, YPL153C, YDL101C, YNL161W, YGR188C, YPL204W, YGR092W, YLR096W, YHL007C, Y
YBR060C	7	0.62219245	FL033C, YDR122W, YPL031C, YPL209C, YPR161C, YKL139W, YDL017W, YBR097W, YFR014C, YNR031C, YOL016C, YOL045W, YGR052W, YOL128C, YBR274W
YBR061C	2	1	, YPL026C, YER123W, YKL171W, YFLO29C, YLR248W, YHR102W, YNL154C, YPR054W, YDR247W, YCR008W, YKLO48C, YGL180W, YHR135C, YMR139W, YPL14
YBR066C	8	0.83125706	YML065W, YPR162C, YNL261W, YHR118C, YLL004W, YJL194W
YBR069C	2	1	YCL054W
YBR073W	41	0.48800671	YDR096W, YJL056C, YNL027W, YGL209W, YDR043C, YMR037C, YGL035C
YBR077C	5	0.70867119	YCL025C
YBR080C	27	0.81282962	YAL019W, YBR245C, YOR304W, YDR334W, YER164W, YIL126W, YLR032W, YOR290C, YBR114W, YJR035W, YGL150C, YOR191W, YGL163C, YFR038W, YPL082C, YMR128W, YGL120C, YKL078W, YJL050W, YLR398C, YGL251C, YKR024C, Y
YBR081C	25	0.64461276	FL002C, YDL084W, YBR142W, YGL171W, YKR059W, YLLO08W, YGL064C, YLR2
YBR082C	12	0.60646388	YGR163W, YKR007W, YKL143W, YML121W
YBR087W	10	0.6327948	YOR117W, YDL007W, YGL048C, YKL145W, YOR259C, YDR394W, YER021W, YPR
YBR089C-A	7	0.08601685	108W, YDLO97C, YOR261C, YILO75C, YHL030W, YLR421C, YFR010W, YDR363W-
YBR095C	14	0.69116976	YER164W, YGL066W, YMR223W, YOL148C, YDR392W, YGR252W, YBR198C, YDR
YBR097W	5	0.43922571	145W, YGL112C, YMR236W, YDR167W, YDR448W, YDR176W, YPL254W, YHR099W, YBR111W-
YBR098W	2	0.37995748	YDR054C, YGL058W, YGL087C, YDR092W, YER100W, YMR022W, YDR177W, YDL
YBR102C	8	0.67963519	YOL094C, YJR068W, YNL290W, YMR078C, YOR217W, YHR191C, YCL016C, YOR
YBR103W	9	0.69664832	YDL002C, YPR065W, YKL032C, YDR174W, YPR052C, YMR072W
YBR104W	9	1	YKL185W, YNL097C, YPL181W, YMR263W, YIL084C, YAL013W, YPL139C, YOL
YBR105C	7	0.79012801	004W, YNL330C, YDR207C, YMR075W, YJR094C, YMR176W
YBR109C	7	0.49457411	YPL120W, YLR240W, YLR360W, YBR128C
YBR111W-A	24	0.62463156	YDR386W
YBR112C	4	0.10358737	YIL068C, YJL085W, YLR166C, YER008C, YGL233W, YPR055W, YDR166C
YBR114W	6	0.4325766	YDR155C, YGL194C, YKR029C, YIL112W, YCR033W, YOL068C, YDR310C, YOR
YBR118W	4	0.18975453	YBL030C, YBR192W, YDL198C, YFR045W, YIL006W, YMR056C, YMR241W, YPR
			YDR255C, YIL097W, YGL227W, YILO17C, YMR135C, YCL039W
			YNL225C, YDR356W, YKL042W, YPL124W, YAL047C, YDL239C
			YCL010C, YLR055C, YPL047W, YER164W, YGL066W, YOL148C, YMR223W, YDR
			392W, YBR081C, YBR198C, YDR145W, YGL112C, YMR236W, YDR167W, YGR252
			YCR084C, YNL167C, YCR060W
			YJR052W, YPL046C, YGR003W, YKL112W, YNL230C
			YPR080W, YPL048W, YAL003W

YBR119W	32	0.55246611	YHR086W, YIL061C, YDR235W, YDR240C, YKL012W, YGR013W, YLR298C, YPL178W, YOR159C, YPR182W, YLR275W, YGR074W, YER029C, YFL017W- A, YLR147C, YLR116W, YMR125W, YIRO09W, YDL209C, YDR432W, YPR163C, YBL051C, YPL213W, YMR288W, YML049C, YMR240C, YDL030W, YJL203W, YJL1YPR100W, YLR312W- A, YNL185C, YMR286W, YKL138C, YKL170W, YBR268W, YCR046C, YNL177C, Y
YBR122C	42	0.93969759	GL068W, YOR150W, YPL183W- A, YJL063C, YMR193W, YDR115W, YDL202W, YDR116C, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YCR003W, YMR024W, YDR405W, YML009C, YBR2
YBR125C	6	0.499638	YJL005W, YCR079W, YDL006W, YER089C, YBL056W
YBR126C	3	1	YML100W, YMR261C
YBR127C	16	0.89380991	YDL185W, YHR026W, YPL234C, YEL027W, YLR447C, YPR036W, YGR020C, YHR039C-
YBR128C	4	0.25837448	YLR240W, YPL120W, YLR360W
YBR131W	2	1	YGL124C
YBR136W	7	0.07167415	YHR099W, YJR066W, YKL203C, YBL088C, YLR240W, YBR097W YNR038W, YKR024C, YKL078W, YMR128W, YJL050W, YLR398C, YGL251C, YDL084W, YKR059W, YHR169W, YJL138C, YGL064C, YMR190C, YOR046C, YGL078C, YOR204W, YNL112W, YGL171W, YGL120C, YLL008W, YLR276C, YDL031W, YFL002C, YLR032W, YJR035W, YPL082C, YFR038W, YGL163C, YOR191W, YIRO
YBR142W	37	0.56524132	YDR172W, YNL001W YNL081C, YPR166C, YPL013C, YDL045W-
YBR146W	30	0.90758449	A, YMR188C, YPL118W, YMR158W, YER050C, YKL003C, YGR165W, YDR347W, YGR084C, YOR158W, YIL093C, YJR101W, YGL129C, YBL090W, YNL306W, YNL137C, YDR337W, YJR113C, YGR215W, YNR037C, YDR175C, YDR041W, YKL155C YGR006W, YGR091W, YPR178W, YDR473C, YBR055C, YOR308C, YDL098C, YBL026W, YPR082C, YER146W, YKL173W, YNL147W, YER112W, YDR378C, YJR022YHR143W-
YBR152W	19	0.55645441	A, YOR210W, YOR224C, YPR187W, YNL113W, YPR110C, YOR151C, YIL021W, YDR404C, YGL070C, YJL140W, YOL005C, YOR207C, YPR010C, YDR045C, YJL011C, YOR116C, YNL151C, YKR025W, YJR063W, YDR156W, YKL144C, YDL150W
YBR154C	35	0.86604977	YKL022C, YHR166C, YLR216C, YOR027W, YOL145C, YNL121C, YPR189W, YOR
YBR155W	12	0.12994534	YPL209C, YJR089W
YBR156C	3	0.07660571	
YBR160W	12	0.26583439	YAL040C, YLR210W, YGR109C, YGR108W, YDL155W, YPR120C, YPR119W, YMR
YBR161W	2	0.02183488	YJR075W
YBR164C	4	0.07621131	YDL192W, YDL137W, YOR094W
YBR167C	10	1	YBL018C, YNL282W, YAL033W, YGR030C, YNL221C, YBR257W, YHR062C, YDR
YBR168W	2	1	YLR324W
YBR169C	13	0.33175495	YHR064C, YJL034W, YEL030W, YER103W, YLR369W, YPL106C, YNL209W, YDL
YBR170C	7	0.35406281	YDL126C, YGR048W, YBL058W, YDR330W, YBR273C, YML013W
YBR175W	7	0.39848229	YAR003W, YBR258C, YHR119W, YPL138C, YDR469W, YLR015W
YBR177C	2	1	YKL140W YPL090C, YLR048W, YJL136C, YNL096C, YML063W, YDL083C, YIL069C, YNL302C, YLR167W, YOR293W, YHR021C, YOR167C, YLR264W, YGR118W, YPR132W, YKL156W, YMR230W, YDR450W, YML026C, YOL121C, YER074W, YMR143W, YDR447C, YML024W, YPL081W, YGL189C, YER131W, YMR116C, YBR189W, YJR1
YBR181C	47	0.94054977	YGR129W, YMR213W, YLR117C, YPR101W YPL081W, YBR181C, YBR048W, YMR116C, YBL072C, YNL096C, YLR048W, YJL136C, YNL302C, YLR167W, YER102W, YOR293W, YHR021C, YOR167C, YLR264W, YGR118W, YPR132W, YIL069C, YKL156W, YMR230W, YML063W, YDL083C, YDR450W, YML026C, YOL121C, YER074W, YMR143W, YGL189C, YJL191W, YML0
YBR188C	5	0.31771472	YBL030C, YBR104W, YDL198C, YFR045W, YIL006W, YMR056C, YMR241W, YPR
YBR189W	47	0.93368022	
YBR192W	9	1	

YBR193C	24	0. 89920773	YNL025C, YDR443C, YCR081W, YPL042C, YGL127C, YHR041C, YNL236W, YDL005C, YGL025C, YER022W, YDR308C, YLR071C, YBR253W, YOL051W, YPR070 YDR145W, YGL112C, YMR236W, YDR167W, YBR081C, YER164W, YGL066W, YOL
YBR198C	24	0. 64738251	148C, YMR223W, YDR392W, YBR111W- A, YGR252W, YLR055C, YDR448W, YDR176W, YPL254W, YHR099W, YCL010C, Y
YBR200W	9	0. 6810393	YIL068C, YER008C, YLR166C, YPR055W, YGL233W, YJL085W, YDR166C, YBR
YBR201W	8	0. 59915726	YML029W, YDR057W, YOL013C, YLR207W, YDR411C, YJL034W, YBR273C
YBR202W	7	0. 50035681	YPR019W, YEL032W, YGL201C, YLR274W, YBL023C, YDR052C
YBR207W	2	1	YER145C YBR119W, YOR361C, YHR086W, YIL061C, YJR091C, YPR042C, YPL178W, YGL
YBR212W	30	0. 3299857	044C, YIR005W, YDR381W, YPL043W, YMR302C, YDL224C, YHL024W, YNL251 C, YPL190C, YDL209C, YPR112C, YCL011C, YNL004W, YOL041C, YOL123W, Y
YBR214W	3	0. 0864716	YGL115W, YJR040W
YBR215W	3	0. 16132729	YOR038C, YJR140C
YBR216C	2	1	YGL060W
YBR217W	5	0. 99806217	YMR159C, YPL149W, YLL042C, YNR007C
YBR227C	3	0. 10625572	YDR258C, YLL026W
YBR228W	2	0. 11709313	YLR135W
YBR229C	2	0. 86960535	YDR221W
YBR231C	15	0. 4654009	YLR085C, YDR334W, YLR385C, YDR485C, YML041C, YAL011W, YNL107W, YGR 002C, YPL235W, YDR190C, YFL039C, YJL081C, YDL002C, YFL013C
YBR233W-A	10	0. 8958288	YGR113W, YDR201W, YKL138C-A, YKR083C, YDR320C-
YBR234C	7	0. 3812443	YDL029W, YIL062C, YJR065C, YNR035C, YLR370C, YKL013C
YBR240C	12	0. 61257576	YDR034C, YGL013C, YHR178W, YKL015W, YOR337W, YAL051W, YKL038W, YLR
YBR244W	2	1	YIR037W
YBR245C	4	0. 14946053	YLR095C, YMR044W, YFR013W YNL081C, YPR166C, YMR188C, YMR158W, YPL013C, YDL045W-
YBR251W	30	0. 90758449	A, YPL118W, YER050C, YOR158W, YKL003C, YDR347W, YGR084C, YIL093C, Y JR101W, YGL129C, YGR165W, YNL306W, YDR337W, YNR037C, YNL137C, YJR1
YBR253W	24	0. 89920773	YNL025C, YDR443C, YCR081W, YPL042C, YGL127C, YNL236W, YDL005C, YBL 093C, YHR041C, YGL025C, YBR193C, YER022W, YOL051W, YDR308C, YPR070
YBR254C	11	1	YDR108W, YOR115C, YKR068C, YGR166W, YDR246W, YMR218C, YDR472W, YML
YBR257W	10	1	YNL282W, YGR030C, YHR062C, YBR167C, YNL221C, YAL033W, YBL018C, YDR
YBR258C	7	0. 39721398	YAR003W, YHR119W, YBR175W, YPL138C, YDR469W, YLR015W
YBR265W	2	1	YLR426W
YBR267W	3	0. 15288217	YNL227C, YLR387C YBR122C, YBL038W, YBR282W, YCR003W, YCR046C, YCR071C, YDL202W, YDR 115W, YDR116C, YDR237W, YDR322W, YDR405W, YDR462W, YGL068W, YGR076
YBR268W	42	0. 98151011	C, YHR147C, YJL063C, YJL096W, YKL138C, YKL167C, YKL170W, YKR006C, Y KR085C, YLR312W- A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, Y
YBR273C	12	0. 6412727	YDR057W, YOL013C, YBL058W, YMR067C, YJL048C, YDR330W, YML013W, YLR YBL016W, YAR019C, YBR097W, YBR160W, YBL105C, YBR059C, YGR188C, YHR 205W, YNL298W, YOL113W, YGR092W, YDL101C, YHL007C, YDR122W, YLR096 W, YLR362W, YNL161W, YDR283C, YFL033C, YPL153C, YDR507C, YER123W, Y
YBR274W	84	0. 84176201	ER129W, YFL029C, YCR008W, YFR014C, YGL158W, YGL180W, YGR040W, YGR0 52W, YDL017W, YDL028C, YAL017W, YHR030C, YHR079C, YHR082C, YHR102W , YHR135C, YDL108W, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJ L164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16
YBR276C	5	0. 37582498	YFR028C, YIL113W, YIR026C, YNL053W
YBR278W	6	0. 52033906	YNL262W, YPR175W, YDR121W, YGL133W, YJL065C
YBR279W	6	0. 35506493	YGL244W, YLR418C, YOR123C, YOL145C, YDR138W
YBR280C	2	0. 5006967	YGL097W

YBR282W	42	0. 93948731	YBR122C, YBL038W, YLR312W- A, YPR100W, YNL185C, YMR286W, YKL170W, YCR046C, YGL068W, YNL177C, Y JL063C, YOR150W, YPL183W- A, YKL138C, YMR193W, YDR115W, YDL202W, YDR116C, YGR076C, YNR022C, Y MR225C, YKR085C, YHR147C, YCR003W, YML009C, YCR071C, YDR462W, YKL1
YBR288C	4	0. 2448756	YJL024C, YPL195W, YGR261C
YBR289W	11	0. 34990367	YOR290C, YFL049W, YDR073W, YJL176C, YHL025W, YNR023W, YPL016W, YPR
YCL008C	4	0. 54631918	YPL065W, YGR206W, YLR119W YLR055C, YPL047W, YBR111W-
YCL010C	24	0. 60578208	A, YER164W, YMR223W, YOL148C, YGL066W, YDR392W, YBR081C, YDR145W, Y GL112C, YMR236W, YDR167W, YGR252W, YDR448W, YDR176W, YPL254W, YHRO
YCL011C	6	0. 22843271	YDR381W, YHR167W, YNL139C, YML062C, YDR138W
YCL016C	10	0. 64084636	YMR078C, YHR191C, YOL094C, YJR068W, YNL290W, YBR087W, YOR217W, YOR
YCL017C	2	0. 08495355	YER048W-A
YCL019W	7	1	YLR410W-B, YDR365W-B, YLR227W-B, YDR210C-D, YMR045C, YHR214C-C YBL016W, YAR019C, YBR097W, YDL101C, YOL113W, YBR160W, YHL007C, YDL 017W, YHR205W, YLR362W, YNL298W, YGR188C, YGR092W, YDL159W, YIL035 C, YNL161W, YLR096W, YDR283C, YFL033C, YDR122W, YOR061W, YPL204W, Y
YCL024W	84	0. 84079696	DL108W, YDR477W, YPL209C, YKL139W, YKL166C, YJL164C, YPL203W, YPR1 61C, YGR052W, YKL171W, YDR247W, YLR248W, YDR490C, YMR216C, YNL154C , YER123W, YHR102W, YNR031C, YOL016C, YOL045W, YFL029C, YOL128C, YC R008W, YOR267C, YPL026C, YPL031C, YJL141C, YFR014C, YJL165C, YJR05
YCL025C	2	1	YBR069C
YCL029C	4	0. 16443066	YPL174C, YER007W, YNL148C
YCL031C	5	0. 26756364	YGR090W, YOR039W, YLR223C, YGL019W
YCL032W	2	0. 05032396	YJL005W
YCL034W	3	0. 18758591	YDR358W, YHR108W
YCL035C	4	0. 32049263	YDR098C, YER174C, YPL059W
YCL039W	7	0. 42181177	YDR255C, YIL097W, YGL227W, YIL017C, YMR135C, YBR105C
YCL040W	4	0. 97943371	YDR516C, YFR053C, YGL253W
YCL043C	7	0. 44188093	YDR098C, YER174C, YLR043C, YOL088C, YOR288C, YGR209C
YCL054W	2	1	YBR061C
YCL055W	2	1	YGL192W
YCL061C	3	0. 21729629	YNL273W, YMR048W
YCR002C	6	0. 53643344	YGR059W, YDL225W, YJR076C, YLR314C, YHR107C YBR122C, YBL038W, YBR282W, YNL185C, YLR312W- A, YPR100W, YMR286W, YKL170W, YCR046C, YGL068W, YNL177C, YJL063C, Y
YCR003W	42	0. 93969759	OR150W, YPL183W- A, YKL138C, YDL202W, YMR193W, YDR115W, YDR116C, YGR076C, YNR022C, Y MR225C, YKR085C, YHR147C, YCR071C, YJL096W, YML009C, YDR462W, YKL1 YBL016W, YAR019C, YBR097W, YBR160W, YCL024W, YBL105C, YBR059C, YPL 153C, YLR362W, YIL035C, YOR061W, YDL159W, YDL101C, YDL017W, YHR205 W, YGR188C, YGR092W, YKL139W, YOL113W, YNL298W, YDL108W, YLR096W, Y NL161W, YHL007C, YFL033C, YDR283C, YPL204W, YDR122W, YDR477W, YPL2 09C, YKL166C, YPR161C, YJL164C, YPL203W, YPL031C, YNL154C, YHR102W , YFR014C, YNR031C, YOL016C, YOL045W, YGR052W, YOL128C, YJL141C, YP L026C, YER123W, YFL029C, YDR247W, YKL171W, YHR079C, YLR248W, YPR05
YCR008W	84	0. 82455382	YDR388W
YCR009C	2	0. 185381	YGR056W, YLR357W, YKR008W, YHR056C, YDR303C, YCR052W, YML127W, YIL 126W, YLR033W, YFR037C, YBL006C, YLR321C, YMR091C, YPR034W, YMR033 YER031C, YFL005W, YFL038C, YGL210W, YGR152C, YIL118W, YKR014C, YKR 055W, YLR229C, YLR262C, YLR293C, YML001W, YML064C, YNL090W, YNL093
YCR020W-B	19	0. 68555868	
YCR027C	22	0. 83912085	

YCR031C	47	0.94698061	YJL191W, YBR181C, YMR116C, YBR048W, YLR048W, YNL096C, YJL136C, YDL083C, YML063W, YNL302C, YIL069C, YLR167W, YGR118W, YPR132W, YOR293W, YHR021C, YLR264W, YOR167C, YKL156W, YMR230W, YDR450W, YML026C, YOL121C, YPL081W, YER074W, YGL189C, YMR143W, YML024W, YDR447C, YER1
YCR033W	9	0.39641231	YDR155C, YGL194C, YKR029C, YBR103W, YIL112W, YOL068C, YDR310C, YOR
YCR034W	2	1	YLR372W
YCR035C	12	0.93684302	YGR195W, YDR280W, YGR158C, YGR095C, YDL111C, YOL142W, YOL021C, YHR
YCR038C	4	0.06692223	YLR310C, YER155C, YAL024C
YCR039C	3	0.92129195	YDL106C, YDR451C
YCR042C	9	0.29958531	YMR005W, YGR274C, YML015C, YML114C, YML098W, YMR227C, YPL011C, YER
YCR046C	42	0.98151011	YBR122C, YBL038W, YBR282W, YCR003W, YBR268W, YCR071C, YDL202W, YDR115W, YDR116C, YDR237W, YDR322W, YDR405W, YDR462W, YGL068W, YGR076C, YHR147C, YJL063C, YJL096W, YKL138C, YKL167C, YKL170W, YKR006C, YKR085C, YLR312W-
YCR047C	3	1	A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, YML008C, YML014W
YCR052W	19	0.64648769	YCR020W- B, YHR056C, YIL126W, YLR357W, YGR056W, YKR008W, YLR033W, YDR303C, YFR037C, YLR321C, YMR091C, YBL006C, YML127W, YPR034W, YGR275W, YMR0
YCR057C	7	0.19732544	YLR129W, YJL069C, YLR222C, YLR409C, YDR449C, YDR398W
YCR060W	8	0.14547773	YBL084C, YBR112C, YHR166C, YKL022C, YJR032W, YOR027W, YGL003C
YCR065W	3	0.14956958	YIL131C, YNL068C
YCR066W	3	0.19632096	YGL058W, YER063W
YCR071C	42	0.93969759	YBR122C, YBL038W, YPR100W, YLR312W- A, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-
YCR072C	61	0.48224774	A, YKL170W, YMR193W, YDL202W, YDR115W, YDR116C, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YML009C, YMR024W, YKL167C, YKR006C, YDR4YOR272W, YNL182C, YAR003W, YBR175W, YCR057C, YCLO39W, YBR103W, YBL008W, YMR093W, YPL126W, YDR324C, YLR129W, YJL069C, YLR222C, YLR409C, YGL100W, YLR208W, YMR131C, YFL009W, YDL145C, YGL137W, YIL046W, YDR080W, YNL253W, YEL056W, YKL018W, YGL190C, YGR200C, YDR165W, YGL213C, YOR212W, YNL006W, YOR026W, YDR267C, YCR084C, YOR229W, YOR230W, YOR269W, YGR225W, YPL100W, YLR429W, YMR092C, YDR488C, YJL112W, YK
YCR073W-A	2	1	YNR034W
YCR079W	6	0.499638	YJL005W, YBR125C, YDL006W, YER089C, YBL056W
YCR081W	24	0.93001504	YBL093C, YBR253W, YBR193C, YGL127C, YNL236W, YHR041C, YDR308C, YOL051W, YHR058C, YPR168W, YOR174W, YDL005C, YGL025C, YPR070W, YLR071
YCR084C	6	0.18208177	YBR112C, YNL167C, YML007W, YEL009C, YCR060W
YCR088W	17	0.49038469	YIL062C, YFR024C- A, YNR035C, YLR370C, YKL129C, YKL013C, YHR114W, YPR154W, YMR109W, YJL020C, YHR016C, YDL029W, YJR065C, YGR080W, YBR234C, YLR337C
YCR092C	6	0.38835682	YOL090W, YDR097C, YHR120W, YFL003C, YDL154W
YCR093W	9	0.73679225	YPR072W, YIL038C, YDL165W, YGR134W, YER068W, YNL288W, YNR052C, YAL
YDL002C	17	0.36689628	YOR189W, YNL059C, YOR141C, YGL150C, YLR052W, YFL013C, YPL235W, YDR190C, YFL039C, YJL081C, YBR089C-
YDL003W	7	0.68006455	YPR007C, YJL074C, YFL008W, YIL026C, YER147C, YDR180W
YDL004W	15	0.98654867	Q0130, Q0080, YBL099W, Q0085, YDR298C, YDR322C- A, YDR377W, YKL016C, YLR295C, YML081C-A, YOL077W-
YDL005C	24	0.93170934	YNL025C, YDR443C, YBL093C, YBR253W, YPL042C, YDR308C, YHR058C, YCR081W, YBR193C, YHR041C, YGL127C, YNL236W, YOL051W, YGL025C, YLR071
YDL006W	6	0.499638	YJL005W, YER089C, YCR079W, YBL056W, YBR125C

YDL007W	29	0. 83545724	YOR259C, YOR117W, YKL145W, YGL048C, YDR394W, YER021W, YLR421C, YOR261C, YDL147W, YFR004W, YPR108W, YHR027C, YDR427W, YHL030W, YHR200W, YDL097C, YFR010W, YDR363W-
YDL008W	14	0. 89456707	YGL003C, YFR036W, YKL022C, YLR102C, YIR025W, YHR166C, YOR249C, YGL240W, YBL084C, YNL172W, YLR127C, YDR118W, YDR260C
YDL013W	2	0. 3095642	YER116C
YDL017W	11	0. 41981778	YDR052C, YPR019W, YEL032W, YLR274W, YGL201C, YDR489W, YDR013W, YBL
YDL018C	8	0. 65463297	YGL200C, YML012W, YOR016C, YAL007C, YAR002C-A, YGL002W, YHR110W
YDL019C	16	0. 14505173	YAR042W, YPL115C, YLR425W, YER111C, YOR034C, YIR033W, YKL020C, YDR264C, YLR182W, YNL257C, YJR092W, YGR097W, YHR001W, YHR073W, YPL145
YDL028C	84	0. 83365992	YBL016W, YAR019C, YBR097W, YBR160W, YCL024W, YBL105C, YDL017W, YGR188C, YBR059C, YPL209C, YIL035C, YOR061W, YHR205W, YOL113W, YNL298W, YPL153C, YLR096W, YDL101C, YNL161W, YLR362W, YGR092W, YHL007C, Y
YDL029W	7	0. 50355463	FL033C, YDR283C, YDR122W, YPLO31C, YDR477W, YKL166C, YKL139W, YJL164C, YPL203W, YDL108W, YDL159W, YFR014C, YNL154C, YGR052W, YER123W
YDL030W	12	0. 35812158	, YNR031C, YOL016C, YOL045W, YJL165C, YOL128C, YJR059W, YPL026C, YFL029C, YDR247W, YKL171W, YHR102W, YLR248W, YPR054W, YPR161C, YJL14
YDL031W	35	0. 52930504	YBR234C, YJR065C, YIL062C, YNR035C, YLR370C, YKL013C
YDL042C	8	0. 22906368	YJL203W, YNL286W, YIR009W, YPL213W, YOR319W, YMR288W, YIR005W, YMR
YDL045W-A	31	0. 9175027	YKR024C, YNR038W, YKL078W, YMR128W, YJL050W, YLR398C, YGL251C, YDL084W, YKR059W, YHR169W, YGL064C, YJL138C, YMR190C, YOR046C, YGL078
YDL047W	6	0. 1717728	C, YOR204W, YNL112W, YGL171W, YGL120C, YLR276C, YFL002C, YLL008W, Y
YDL055C	2	0. 03932116	YDR227W, YLR442C, YFR028C, YJL076W, YOR025W, YDR191W, YKR010C
YDL059C	2	0. 03535859	YBL090W, YBR146W, YBR251W, YNL081C, YPR166C, YMR188C, YMR158W, YPL
YDL060W	2	0. 01239478	013C, YPL118W, YER050C, YOR158W, YKL003C, YDR347W, YGR084C, YIL093
YDL064W	11	0. 6869164	C, YJR101W, YGL129C, YGR165W, YNL306W, YDR337W, YNR037C, YNL137C, Y
YDL066W	3	1	YFR040W, YKR028W, YJL098W, YIL153W, YMR028W
YDL067C	10	0. 8103229	YDR211W
YDL074C	4	0. 07244406	YML032C
YDL075W	24	0. 91276913	YPL217C
YDL077C	9	0. 61522399	YBR082C, YGL058W, YGL087C, YDR092W, YER100W, YMR022W, YDR177W, YGR
YDL081C	23	0. 94952682	YNL037C, YOR136W
YDL083C	46	0. 94843777	Q0275, Q0250, Q0045, YGL187C, YGL191W, YHR051W, YLR395C, YMR256C, Y
YDL084W	8	0. 1696253	YPL055C, YDR265W, YOL054W
YDL088C	3	0. 36901139	YLR406C, YDR418W, YGR085C, YDL081C, YLR448W, YDL130W, YIL148W, YKR
YDL092W	6	0. 97919677	094C, YDL136W, YPR102C, YDL191W, YDR382W, YOL039W, YLR340W, YGL030
YDL097C	29	0. 83338207	YLR148W, YDR080W, YMR231W, YLR396C, YPL045W, YAL002W, YDR495C, YLR
YDL098C	19	0. 54983595	YOL039W, YLR340W, YLR448W, YGR085C, YDR418W, YKR094C, YIL148W, YDL
YDL099W	2	1	136W, YLR406C, YEL054C, YOL127W, YGL030W, YLR075W, YPR102C, YDL191
YDL100C	3	0. 99227487	YMR143W, YBR181C, YBR048W, YCR031C, YBL072C, YBR189W, YLR167W, YMR
			116C, YPL081W, YML026C, YLR048W, YER102W, YJL136C, YNL302C, YOR293
			W, YHR021C, YOR167C, YGR118W, YLR264W, YPR132W, YIL069C, YER074W, Y
			KL156W, YMR230W, YNL096C, YML024W, YJL191W, YDR447C, YOL121C, YPLO
			YDR381W, YNL253W, YNL139C, YHR167W, YML062C, YDR138W, YCL011C
			YMR153W, YBL079W
			YPR088C, YPL243W, YKL122C, YPL210C, YML105C
			YDL147W, YER021W, YPR108W, YDR427W, YOR117W, YKL145W, YFR004W, YGL
			048C, YDR394W, YOR259C, YHR027C, YHL030W, YHR200W, YLR421C, YOR261
			C, YFR010W, YIL075C, YDR363W-
			YGR006W, YGR091W, YPR178W, YDR473C, YOR308C, YBR055C, YBR152W, YPR
			082C, YKL173W, YER146W, YNL147W, YER112W, YDR378C, YJR022W, YLR438
			YDR517W
			YGL020C, YER083C

YDL101C	13	0. 27036373	YDR369C, YPL153C, YMR224C, YHR115C, YIL131C, YNL068C, YLR016C, YDR
YDL102W	3	0. 26933904	YJR006W, YJR043C
YDL106C	3	0. 01429845	YCR039C, YDR451C
YDL108W	11	0. 6783509	YDR079C-
YDL111C	12	0. 93684302	YDR280W, YGR195W, YGR095C, YGR158C, YCR035C, YOL021C, YOL142W, YHR
YDL113C	5	0. 26731014	YDR425W, YJL036W, YMR004W, YOR357C
YDL116W	12	0. 42012411	YGL092W, YGL100W, YJR042W, YKL057C, YBL079W, YMR153W, YDL088C, YKL
YDL122W	12	0. 55967639	YBR058C, YER144C, YFR005C, YER151C, YER098W, YIL156W, YDR069C, YMR
YDL126C	6	0. 10982573	YBR170C, YGR048W, YBL058W, YDR330W, YML013W
YDL130W	23	0. 94952682	YLR340W, YOL039W, YLR448W, YGR085C, YDR418W, YKR094C, YIL148W, YDL
YDL132W	11	0. 43397943	YOR057W, YFL009W, YJR090C, YDR328C, YDR054C, YOL133W, YJL047C, YML
YDL134C	9	0. 29686466	YAL016W, YGL190C, YOR014W, YPL152W, YMR028W, YDL188C, YML109W, YMR
YDL136W	24	0. 93504307	YDL130W, YDL081C, YDL191W, YDL075W, YDR418W, YOL039W, YDR382W, YGR
YDL137W	8	0. 70747959	YKR027W, YOR299W, YMR237W, YJL099W, YLR330W, YDL192W, YBR164C
YDL145C	10	0. 56371057	YGL137W, YER122C, YNL287W, YDR238C, YFR051C, YIL076W, YPL010W, YDL
YDL147W	27	0. 82742967	YDL097C, YER021W, YPR108W, YDR427W, YDL007W, YOR117W, YGL048C, YKL
YDL147W			145W, YFR004W, YDR394W, YOR259C, YHR027C, YHR200W, YLR421C, YFR010
YDL148C	2	0. 10346678	W, YOR261C, YDR363W-
YDL148C			YPR144C
YDL150W	30	0. 826115	YDR045C, YNL151C, YKR025W, YOR207C, YOR116C, YPR190C, YJL011C, YNR
YDL150W			003C, YKL144C, YNL113W, YPR110C, YHR143W-
YDL150W			A, YOR210W, YOR224C, YPR187W, YBR154C, YPR010C, YOR341W, YOR340C, Y
YDL150W			DR156W, YJL148W, YOR151C, YNL248C, YJR063W, YIL021W, YDR404C, YJL1
YDL153C	3	0. 02927732	YHR081W, YER127W
YDL154W	6	0. 77501136	YCR092C, YDR097C, YOL090W, YHR120W, YFL003C
YDL155W	12	0. 26066113	YBR160W, YLR210W, YGR109C, YGR108W, YPR120C, YPR119W, YMR199W, YPL
YDL159W	4	0. 12559527	YLR362W, YDR103W, YBL016W
YDL161W	5	0. 59751673	YLL038C, YLR206W, YJR125C, YDR153C
YDL164C	2	0. 12055335	YOR005C
YDL165W	9	0. 64716082	YPR072W, YIL038C, YGR134W, YER068W, YCR093W, YNL288W, YNR052C, YAL
YDL175C	5	0. 31589255	YJL050W, YOL115W, YIL079C, YNL299W
YDL185W	16	0. 97969079	YBR127C, YHR026W, YEL027W, YPL234C, YLR447C, YPR036W, YEL051W, YHR
YDL185W			039C-
YDL188C	15	0. 38053632	YGL190C, YOR014W, YKL149C, YLR361C, YIL039W, YPL179W, YML016C, YDL
YDL188C			134C, YDL047W, YMR028W, YPL152W, YAL016W, YML109W, YMR273C
YDL191W	24	0. 82231555	YDL130W, YDL081C, YDL136W, YDL075W, YDR418W, YGR085C, YLR448W, YKR
YDL191W			094C, YIL148W, YLR406C, YGL030W, YOL039W, YPR102C, YML073C, YDR382
YDL192W	9	0. 4549344	YKR027W, YOR299W, YMR237W, YJL099W, YLR330W, YDL137W, YBR164C, YOR
YDL194W	5	1	YDL199C, YDR343C, YDR497C, YFL011W
YDL198C	9	1	YBL030C, YBR104W, YBR192W, YFR045W, YIL006W, YMR056C, YMR241W, YPR
YDL199C	5	1	YDL194W, YDR343C, YDR497C, YFL011W
YDL201W	2	0. 09519316	YDR165W
YDL201W			YBR122C, YBL038W, YCR071C, YBR282W, YLR312W-
YDL202W	42	0. 97994135	A, YPR100W, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, Y
YDL202W			OR150W, YPL183W-
YDL202W			A, YKL170W, YMR193W, YDR115W, YDR116C, YGR076C, YNR022C, YMR225C, Y
YDL202W			KR085C, YHR147C, YJL096W, YML009C, YDR462W, YKL167C, YMR024W, YKR0
YDL203C	2	0. 07102165	YBL061C
YDL207W	3	0. 38000407	YIL115C, YJL061W

			YIL061C, YHR086W, YOR159C, YLR275W, YFL017W-
			A, YPR182W, YGR074W, YOR319W, YLR147C, YER029C, YPL178W, YIR005W, Y
YDL209C	43	0. 60832579	GR129W, YPR101W, YDR235W, YDR240C, YLR298C, YGR013W, YKL012W, YLR1
			17C, YPR082C, YBR119W, YLR116W, YMR125W, YKL214C, YNL251C, YPL190C
			, YNL110C, YER165W, YDR432W, YIR009W, YMR213W, YBR212W, YMR240C, YM
YDL216C	5	0. 34645271	YJR084W, YOL117W, YMR025W, YDR179C
YDL222C	4	1	YLR414C, YLR443W, YML052W
			YBR119W, YCL011C, YDL209C, YBR212W, YHR086W, YJR091C, YOR361C, YPL
YDL224C	30	0. 33898956	043W, YPR042C, YPR112C, YDR381W, YIL061C, YIR005W, YDR432W, YKL214
			C, YMR302C, YNL004W, YNL110C, YNL197C, YNL251C, YOL041C, YOL123W, Y
YDL225W	6	0. 1421618	YGR059W, YJR076C, YHR107C, YLR314C, YCR002C
YDL226C	7	0. 19690708	YER122C, YNL287W, YDR238C, YGL181W, YDR524C, YDL192W
YDL229W	13	0. 44352555	YBR169C, YHR064C, YJL034W, YEL030W, YER103W, YLR369W, YNL209W, YPL
YDL230W	3	0. 49994138	YER075C, YOR208W
YDL232W	9	0. 99869898	YGL226C-
YDL234C	10	0. 77421289	YGR100W, YFL027C, YJL044C, YMR055C, YMR192W, YNL293W, YOL112W, YOR
YDL236W	8	0. 62020766	YDR038C, YDR039C, YGL006W, YDR270W, YGL008C, YIL048W, YIL053W
YDL239C	6	0. 56941772	YNL225C, YDR356W, YKL042W, YPL124W, YBR109C
YDL240W	8	0. 63838119	YDR379W, YOR127W, YFL047W, YER155C, YDR389W, YOR134W, YJL201W
YDR002W	3	0. 23061219	YLR335W, YIL063C
YDR003W	2	1	YBR005W
YDR004W	3	0. 62526778	YER179W, YER095W
YDR011W	10	0. 14856632	YDR406W, YOR153W, YPL226W, YGR281W, YDR091C, YER036C, YFL028C, YNL
YDR013W	4	0. 22733004	YDR489W, YJL072C, YOL146W
YDR016C	10	0. 8958288	YGR113W, YKL138C-A, YDR201W, YKR083C, YDR320C-
			YBR048W, YBR181C, YMR116C, YCR031C, YLR048W, YNL096C, YJL136C, YNL
YDR025W	47	0. 95125453	302C, YLR167W, YOR293W, YHR021C, YGR118W, YOR167C, YLR264W, YPR132
			W, YKL156W, YMR230W, YIL069C, YDR450W, YML026C, YML063W, YOL121C, Y
			PL081W, YER074W, YMR143W, YGL189C, YDR447C, YER131W, YML024W, YJL1
YDR027C	4	0. 78634243	YJL029C, YKR020W, YDR484W
YDR028C	19	0. 72575895	YER133W, YBR050C, YNL076W, YOR179C, YNL317W, YPR107C, YLR277C, YLR
			115W, YKR002W, YDR301W, YJR093C, YKL059C, YNL222W, YGR156W, YDR195
YDR031W	2	0. 00260698	YDL045W-A
YDR034C	12	0. 61257576	YGL013C, YHR178W, YKL015W, YOR337W, YDR421W, YAL051W, YBR240C, YKL
YDR038C	13	0. 99019214	YDR039C, YGL006W, YGL008C, YDR270W, YIL048W, YAL026C, YEL031W, YDR
YDR039C	13	0. 99019214	YDR038C, YGL006W, YGL008C, YDR270W, YIL048W, YAL026C, YEL031W, YDR
			YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR
YDR041W	30	0. 90758449	084C, YDR347W, YOR158W, YER050C, YIL093C, YJR101W, YGL129C, YNL306
			W, YJR113C, YGR215W, YDR337W, YDR175C, YNR037C, YGR165W, YBR146W, Y
YDR043C	8	0. 83125706	YDR096W, YJL056C, YNL027W, YGL209W, YBR066C, YMR037C, YGL035C
			YNL151C, YDL150W, YKR025W, YJL011C, YKL144C, YNR003C, YPR190C, YOR
YDR045C	31	0. 91471325	207C, YOR116C, YNL113W, YPR110C, YHR143W-
			A, YOR210W, YOR224C, YPR187W, YBR154C, YJR063W, YGL070C, YOR341W, Y
			OR151C, YPR010C, YGL043W, YOR340C, YDR156W, YJL148W, YNL248C, YILO
YDR052C	11	0. 49121337	YDL017W, YPR019W, YEL032W, YLR274W, YGL201C, YDR489W, YBR202W, YBL
YDR054C	11	0. 4192985	YOR057W, YFL009W, YDL132W, YDR328C, YJR090C, YOL133W, YJL047C, YML
YDR057W	8	0. 5772032	YLR207W, YML029W, YBR201W, YJL034W, YOL013C, YBR273C, YDR411C
YDR059C	11	0. 69010346	YGL058W, YGL087C, YDR092W, YER100W, YMR022W, YDR177W, YGR133W, YBR
YDR060W	3	0. 0301281	YOR206W, YLR002C
YDR062W	2	1	YMR296C

YDR064W	47	0.93531933	YBR181C, YBR048W, YCR031C, YDR025W, YMR116C, YBL072C, YBR189W, YNL096C, YPL081W, YLR048W, YJL136C, YNL302C, YLR167W, YOR293W, YHR021C, YOR167C, YLR264W, YGR118W, YPR132W, YKL156W, YMR230W, YDR450W, YML026C, YOL121C, YER074W, YIL069C, YGL189C, YML063W, YMR143W, YJL1YFR010W, YMR223W, YER144C, YFR005C, YER151C, YIL156W, YER098W, YMR304W, YNL186W, YPL072W, YOR124C, YBR058C, YDL122W
YDR069C	14	0.11837471	
YDR071C	7	0.06393437	YGR252W, YPL086C, YJL127C, YPR131C, YHR013C, YGR200C
YDR072C	3	1	YJL134W, YKL004W
YDR073W	11	0.33750327	YFL049W, YOR290C, YJL176C, YBR289W, YNR023W, YHL025W, YPL016W, YGR
YDR075W	3	0.45306552	YBL046W, YNL201C
YDR079C-A	11	0.68633035	YDL108W, YPR025C, YDR460W, YDR311W, YER171W, YLR005W, YIL143C, YPR
YDR080W	9	0.56246695	YDL077C, YLR148W, YMR231W, YLR396C, YPL045W, YAL002W, YDR495C, YLR
YDR091C	10	0.63454391	YDR011W, YDR406W, YOR153W, YPL226W, YGR281W, YFL028C, YNL014W, YER
YDR092W	9	0.4706013	YGL087C, YER100W, YMR022W, YDR177W, YGR133W, YBR082C, YDR059C, YDL
YDR093W	6	0.36737656	YAL026C, YEL031W, YMR162C, YIL048W, YER166W
YDR096W	9	0.75313624	YER169W, YJL056C, YNL027W, YGL035C, YGL209W, YDR043C, YMR037C, YBR
YDR097C	6	0.46351491	YOL090W, YCR092C, YHR120W, YFL003C, YDL154W
YDR098C	9	0.24215383	YER174C, YLR043C, YOL088C, YOR288C, YGR209C, YPL059W, YCL043C, YCL
YDR099W	2	0.16524869	YER177W
YDR101C	3	0.01458912	YGL207W, YER078C
YDR103W	4	0.1311049	YDL159W, YLR362W, YBL016W
YDR108W	11	1	YGR166W, YMR218C, YDR407C, YOR115C, YKR068C, YDR472W, YBR254C, YML
YDR113C	2	1	YGR098C
YDR115W	42	0.97994135	YBR122C, YBL038W, YCR071C, YBR282W, YLR312W-A, YPR100W, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-A, YKL170W, YMR193W, YDL202W, YDR116C, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YJL096W, YML009C, YDR462W, YKL167C, YMR024W, YKRO YBR122C, YBL038W, YCR071C, YBR282W, YLR312W-A, YPR100W, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-A, YKL170W, YMR193W, YDL202W, YDR115W, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YJL096W, YML009C, YDR462W, YKL167C, YMR024W, YKRO YGL003C, YHR166C, YKL022C, YFR036W, YLR102C, YIR025W, YNL172W, YOR249C, YGL240W, YLR127C, YBL084C, YDR260C, YDL008W
YDR116C	43	0.97994158	YOR304W, YBR278W, YGL133W, YNL262W, YJL065C, YPR175W
YDR118W	14	0.89827644	YLR096W, YDL159W, YBL016W, YHR205W, YOL113W, YNL298W, YGR188C, YPL153C, YNL161W, YPL204W, YLR362W, YHL007C, YGR092W, YFL033C, YDR283C, YOR061W, YIL035C, YDR477W, YPL209C, YKL139W, YKL166C, YJL164C, Y
YDR121W	7	0.3495708	PL203W, YPR161C, YPL031C, YOL016C, YOL045W, YHR102W, YOL128C, YKL171W, YPL026C, YGR052W, YLR248W, YFL029C, YNL154C, YDR247W, YFR014C, YPR054W, YNR031C, YHR079C, YJL141C, YHR082C, YJR059W, YGL180W, YER123W, YDR490C, YJL165C, YGL158W, YHR135C, YMR216C, YKL048C, YJL12
YDR122W	83	0.80543177	YOL108C
YDR123C	2	1	
YDR129C	4	0.6531589	YPL242C, YOR367W, YER016W
YDR137W	2	0.19432336	YLR039C
YDR138W	9	0.41544075	YBR279W, YHR167W, YNL139C, YML062C, YGL244W, YOR123C, YLR418C, YOL
YDR141C	2	0.67926645	YNL297C
YDR143C	7	0.08382063	YHR115C, YDR313C, YOL013C, YKLO34W, YMR247C, YPR093C
YDR145W	31	0.80583221	YMR236W, YGL112C, YDR167W, YBR198C, YBR081C, YER164W, YGL066W, YMR223W, YOL148C, YDR392W, YCL010C, YBR111W-A, YCR042C, YGR252W, YDR176W, YDR448W, YPL254W, YHR099W, YLR055C, YPL047W, YMR005W, YML098W, YGR274C, YML015C, YML114C, YPL011C, YMR2

YDR148C	3	1	YGL062W, YNR016C
YDR151C	2	1	YLR136C
YDR153C	8	0.26112854	YPR029C, YGR167W, YDL161W, YGL206C, YLR206W, YLL038C, YJR125C
YDR155C	9	0.69748986	YBR103W, YCR033W, YKR029C, YGL194C, YIL112W, YOL068C, YDR310C, YOR YJL148W, YNL248C, YPR010C, YJR063W, YOR340C, YOR341W, YNL113W, YPR
YDR156W	33	0.94402983	110C, YHR143W- A, YOR210W, YOR224C, YPR187W, YBR154C, YOR116C, YDL150W, YOR207C, Y
YDR159W	3	0.0842566	YOL072W, YPR045C
YDR162C	18	0.34110074	YBL007C, YER114C, YBL085W, YCR088W, YBR200W, YMR109W, YKL129C, YHR 114W, YLR310C, YDR388W, YFR024C-
YDR164C	13	0.27500406	YLR396C, YGL095C, YDR189W, YLR026C, YGL212W, YOR106W, YOR036W, YOL
YDR165W	2	0.02139428	YDL201W
YDR166C	8	0.67963519	YIL068C, YBR102C, YJL085W, YER008C, YGL233W, YPR055W, YLR166C YGL112C, YMR236W, YDR145W, YBR198C, YBR081C, YER164W, YGL066W, YMR
YDR167W	31	0.81985353	223W, YOL148C, YDR392W, YCL010C, YBR111W- A, YGR252W, YCR042C, YDR448W, YDR176W, YPL254W, YHR099W, YLR055C, Y PL047W, YML098W, YMR005W, YGR274C, YML114C, YML015C, YMR227C, YPLO
YDR170C	6	0.71217372	YEL022W, YJR031C, YNL297C, YPR095C, YBL060W
YDR172W	3	0.0516464	YBR143C, YNL001W
YDR173C	3	0.913097	YMR043W, YMR042W
YDR174W	10	0.14906391	YDR225W, YDR224C, YBR089C- YNL081C, YPR166C, YMR188C, YPL013C, YPL118W, YMR158W, YKL003C, YGR
YDR175C	30	0.90758449	084C, YDR347W, YGR165W, YOR158W, YIL093C, YJR101W, YGL129C, YNL306 W, YER050C, YNL137C, YDR041W, YJR113C, YGR215W, YDR337W, YNR037C, Y YGR252W, YDR448W, YPL254W, YER164W, YGL066W, YMR223W, YOL148C, YDR
YDR176W	31	0.79648257	392W, YBR081C, YGL112C, YMR236W, YHR099W, YCL010C, YBR111W- A, YDR167W, YLR055C, YPL047W, YDR145W, YBR198C, YGL252C, YOR023C, Y CR042C, YML098W, YMR005W, YML114C, YML015C, YGR274C, YMR227C, YPLO
YDR177W	10	0.52018798	YDR092W, YBR082C, YDR059C, YGL058W, YGL087C, YGR133W, YER100W, YMR
YDR179C	5	0.28663579	YJR084W, YOL117W, YMR025W, YDL216C
YDR180W	7	0.87282344	YER147C, YPR007C, YJL074C, YIL026C, YFL008W, YDL003W
YDR181C	3	0.17386027	YOR213C, YMR127C
YDR189W	19	0.64822542	YLR396C, YGL095C, YDR164C, YKL196C, YGL212W, YOR327C, YLR093C, YOR 106W, YOR036W, YMR183C, YOL018C, YDR468C, YLR148W, YMR231W, YAL002
YDR190C	20	0.62844336	YPL235W, YFL039C, YDL002C, YJL081C, YBR231C, YAL011W, YLR085C, YDR 334W, YLR385C, YDR485C, YML041C, YNL059C, YOR189W, YGL150C, YOR141
YDR191W	5	0.06770416	YDL042C, YOL068C, YOR025W, YBR103W
YDR195W	20	0.77983781	YOR179C, YLR277C, YLR115W, YKR002W, YPR107C, YNL317W, YDR301W, YJR 093C, YNL222W, YKL059C, YGR156W, YAL043C, YKL018W, YER133W, YBR050
YDR197W	3	1	YDR251W, YPL032C
YDR200C	10	0.24525075	YDL101C, YHR115C, YIL131C, YNL068C, YLR016C, YLR183C, YDR369C, YNL
YDR201W	10	0.8958288	YBR233W-A, YDR016C, YGR113W, YKL138C-
YDR202C	9	0.33677225	YJR033C, YDR328C, YDL132W, YDR054C, YOR057W, YFL009W, YJR090C, YOL YKL185W, YNL097C, YMR263W, YPL181W, YIL084C, YAL013W, YBR095C, YPL
YDR207C	14	0.69445848	139C, YOL004W, YNL330C, YJR094C, YMR075W, YMR176W
YDR210C-D	7	1	YCL019W, YLR410W-B, YLR227W-B, YDR365W-B, YMR045C, YHR214C-C
YDR211W	7	0.76160298	YLR291C, YGR083C, YKR026C, YOR260W, YDL055C, YJR007W
YDR212W	5	0.75999873	YJL111W, YJR064W, YJL014W, YLR259C
YDR214W	2	0.04545386	YNL281W
YDR216W	9	0.7078761	YER169W, YDR253C, YPL038W, YHL027W, YKL062W, YMR070W, YMR182C, YDR
YDR217C	7	0.18685954	YKL108W, YOR005C, YMR277W, YGR103W, YHR154W, YJL090C
YDR219C	8	0.12850037	YFL009W, YIL046W, YJL149W, YLR368W, YML088W, YNL311C, YOR080W
YDR221W	2	0.1724451	YBR229C

YDR224C	18	0.47226813	YNL030W, YNL031C, YDR225W, YBL002W, YBL003C, YOL012C, YBR010W, YBR009C, YER030W, YAL019W, YDL074C, YKL049C, YBL025W, YOR295W, YMR270
YDR225W	20	0.4013407	YNL031C, YNL030W, YBL002W, YBL003C, YDR224C, YBR010W, YBR009C, YDL074C, YAL019W, YOL012C, YAR007C, YKL049C, YBL025W, YER030W, YOR295
YDR227W	5	0.21018653	YLR442C, YDL042C, YFR028C, YJL076W
YDR228C	5	0.29595187	YOL123W, YGL044C, YMR061W, YOR250C
YDR235W	30	0.55752119	YHR086W, YIL061C, YKL012W, YGR013W, YDR240C, YLR298C, YBR119W, YLR116W, YPL178W, YMR125W, YOR159C, YPR182W, YLR275W, YFL017W- A, YGR074W, YLR147C, YER029C, YDL030W, YDL209C, YIR009W, YMR288W, YML049C, YMR240C, YJL203W, YPL213W, YDR432W, YJL124C, YGR278W, YPRO YPR100W, YLR312W-
YDR237W	42	0.93973967	A, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-
YDR238C	11	0.49994059	A, YKL170W, YMR193W, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YNL287W, YER122C, YGL137W, YFR051C, YIL076W, YPL010W, YDL145C, YDL YHR086W, YIL061C, YDR235W, YKL012W, YGR013W, YLR298C, YBR119W, YOR 159C, YLR116W, YPR182W, YLR275W, YFL017W-
YDR240C	30	0.54369206	A, YPL178W, YER029C, YMR125W, YGR074W, YLR147C, YDL030W, YDL209C, YIR009W, YMR288W, YML049C, YMR240C, YPL213W, YJL203W, YDR432W, YJL1
YDR245W	5	0.92271269	YJL183W, YEL036C, YJR075W, YPL050C
YDR246W	11	1	YML077W, YGR166W, YMR218C, YDR108W, YBR254C, YOR115C, YKR068C, YDR YDL159W, YBL016W, YDR122W, YDL101C, YAR019C, YBR097W, YBR160W, YCL 024W, YBL105C, YDL017W, YDL108W, YBR059C, YDL028C, YCR008W, YGR188 C, YHR205W, YNL298W, YOL113W, YHL007C, YFL033C, YLR096W, YLR362W, Y NL161W, YGR092W, YDR283C, YPL153C, YGL158W, YGL180W, YGR040W, YGR0 52W, YAR018C, YBR274W, YDR477W, YHR030C, YHR079C, YHR082C, YHR102W , YHR135C, YDR490C, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJ L164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16 YDR197W, YPL032C
YDR251W	3	1	
YDR253C	12	0.71725959	YIR017C, YER169W, YDR216W, YJL056C, YNL027W, YHL027W, YKL062W, YMR
YDR255C	7	0.79012801	YIL097W, YBR105C, YGL227W, YCL039W, YIL017C, YMR135C
YDR258C	3	0.0969274	YLL026W, YBR227C
YDR260C	14	0.89827644	YGL003C, YHR166C, YKL022C, YFR036W, YLR102C, YIR025W, YOR249C, YGL 240W, YNL172W, YLR127C, YDR118W, YBL084C, YDL008W
YDR264C	8	0.14984884	YOR034C, YER111C, YIR033W, YKL020C, YLR182W, YNL326C, YLR246W
YDR265W	2	0.07767341	YOL054W
YDR267C	59	0.45461377	YAR003W, YBR175W, YEL056W, YFL009W, YIL046W, YLR129W, YMR131C, YOR 272W, YKL018W, YNL317W, YGL190C, YGL213C, YGR200C, YGR225W, YER082 C, YIR012W, YJL069C, YJL112W, YER107C, YKL021C, YKL213C, YKR036C, Y LL011W, YDR364C, YFR021W, YLR196W, YLR208W, YLR222C, YLR409C, YLR4 29W, YMR049C, YMR092C, YMR093W, YDR488C, YNL006W, YNL182C, YNL253W YDR038C, YDR039C, YGL006W, YGL008C, YIL048W, YAL026C, YEL031W, YMR 162C, YDR093W, YDL236W, YIL053W, YER166W, YNL259C
YDR270W	14	1	
YDR273W	4	0.46115253	YML097C, YKL054C, YMR264W
YDR280W	12	0.88845983	YGR195W, YGR095C, YDL111C, YCR035C, YGR158C, YOL142W, YOL021C, YHR YDL159W, YBL016W, YDR122W, YDL101C, YAR019C, YBR097W, YBR160W, YCL 024W, YBL105C, YDR477W, YHR205W, YOR061W, YIL035C, YOL113W, YNL298 W, YGR188C, YLR362W, YNL161W, YGR092W, YPL153C, YLR096W, YHL007C, Y FL033C, YKL166C, YJL164C, YPL203W, YPL031C, YKL139W, YPR161C, YPL2 09C, YFL029C, YER123W, YNR031C, YOL016C, YOL045W, YKL048C, YOL128C , YFR014C, YPL026C, YHR082C, YKL171W, YHR102W, YLR248W, YGR052W, YP R054W, YNL154C, YGL180W, YOR233W, YMR139W, YKL101W, YHR135C, YJL14 YGL249W
YDR285W	2	1	

YDR288W	7	0.87860216	YER038C, YML023C, YEL019C, YOL034W, YLR007W, YLR383W
YDR292C	2	0.11844868	YKL154W
YDR293C	2	0.00616236	YOL021C
YDR295C	3	0.40333064	YPR179C, YNL021W
YDR298C	15	0.91503201	YDR322C-A, YLR295C, YML081C-A, YOL077W-A, YPR020W, YPL271W, YDR377W, Q0130, Q0080, YBL099W, Q0085, YKL016C
YDR301W	20	0.77983781	YOR179C, YDR195W, YPR107C, YAL043C, YNL317W, YKR002W, YLR277C, YJR093C, YLR115W, YNL222W, YKL059C, YGR156W, YKL018W, YER133W, YDR228YHR056C, YCR020W-
YDR303C	19	0.63884127	B, YGR056W, YLR357W, YIL126W, YKR008W, YLR033W, YCR052W, YLR321C, YBL006C, YFR037C, YML127W, YMR091C, YPR034W, YMR033W, YGR275W, YLR3YNL025C, YDR443C, YPL042C, YHR041C, YDL005C, YCR081W, YNR010W, YGL127C, YNL236W, YBR193C, YBR253W, YLR071C, YBL093C, YGR104C, YER022
YDR308C	24	0.90537084	
YDR309C	7	0.03908295	YOL113W, YHL007C, YNL298W, YJL095W, YJL128C, YPL153C
YDR310C	2	0.08577332	YOR279C
YDR311W	11	0.67916524	YIL143C, YLR005W, YPL122C, YER171W, YPR056W, YDR079C-
YDR312W	5	0.46503914	YHR066W, YHR088W, YKR081C, YOL077C
YDR313C	8	0.42031751	YDR143C, YHR115C, YDR323C, YKL034W, YMR247C, YGL023C, YPR093C
YDR318W	3	0.15059933	YPL018W, YGR179C
YDR320C-A	10	0.8958288	YGR113W, YBR233W-A, YKL138C-
YDR322C-A	15	0.98654867	YDR298C, Q0130, Q0080, YBL099W, Q0085, YDL004W, YDR377W, YKL016C, YLR295C, YML081C-A, YOL077W-A, YPL078C, YPL271W, YPR020WYPR100W, YLR312W-
YDR322W	42	0.93973967	A, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-A, YKL170W, YMR193W, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, Y
YDR323C	4	0.03339768	YNR006W, YGL023C, YDR313C
YDR324C	8	0.30787243	YPL126W, YMR093W, YEL055C, YGR128C, YJL109C, YHR196W, YDR398W
YDR325W	5	0.67933265	YLR086W, YFR031C, YBL097W, YLR272C
YDR326C	2	0.09999521	YGR100W
YDR328C	11	0.43397943	YDL132W, YDR054C, YOR057W, YFL009W, YJR090C, YOL133W, YJL047C, YJL
YDR330W	8	0.39982283	YGR048W, YBL058W, YJL048C, YMR067C, YBR273C, YML013W, YBR170CYLR085C, YBR231C, YLR385C, YDR485C, YAL011W, YML041C, YNL107W, YGR
YDR334W	25	0.59109756	002C, YPL235W, YDR190C, YFL039C, YJL081C, YDL002C, YEL018W, YFL024C, YHR090C, YNL136W, YNL059C, YOR141C, YPR023C, YJR082C, YLR052W, YYNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR
YDR337W	30	0.915235	165W, YDR347W, YGR084C, YOR158W, YIL093C, YJR101W, YGL129C, YNL306W, YER050C, YNL137C, YDR041W, YJR113C, YGR215W, YNR037C, YDR175C, Y
YDR339C	2	1	YOR004W
YDR343C	5	1	YDL194W, YDL199C, YDR497C, YFL011W
YDR347W	30	0.90758449	YDR337W, YDR041W, YDR175C, YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YER050C, YKL003C, YGR165W, YGR084C, YBR146W, YBL090W, YOR158W, YIL093C, YJR101W, YGL129C, YNL306W, YNL137C, YJR113C, Y
YDR353W	3	1	YHR106W, YMR145C
YDR356W	7	0.66879072	YNL225C, YPL124W, YKL042W, YBR109C, YAL047C, YDL239C
YDR358W	3	0.05962867	YHR108W, YCL034W
YDR359C	21	0.54699112	YOR244W, YEL018W, YNL136W, YHR090C, YFL024C, YGR002C, YNL107W, YPR023C, YJR082C, YFL039C, YJL081C, YBR231C, YLR085C, YAL011W, YLR385YOR117W, YFR004W, YGL048C, YHL030W, YKL145W, YFR010W, YER021W, YOR
YDR363W-A	28	0.81574196	259C, YDR394W, YPR108W, YDR427W, YHR027C, YHR200W, YOR261C, YLR421C, YIL075C, YFR052W, YGR232W, YDL097C, YDL007W, YDL147W, YBR080C, Y
YDR364C	6	0.25427409	YGR129W, YPR101W, YLR117C, YMR213W, YBR188C
YDR365C	2	0.98510258	YGR145W

YDR365W-B	7	1	YCL019W, YLR410W-B, YLR227W-B, YDR210C-D, YMR045C, YHR214C-C
YDR369C	3	0.18767901	YMR224C, YNL250W
YDR377W	15	0.91339874	YLR295C, YML081C-A, YOL077W-A, YPR020W, YDR298C, YPL271W, Q0130, YKL016C, Q0080, YBL099W, Q0085 YJR022W, YER146W, YER112W, YNL147W, YLR438C-
YDR378C	20	0.55587589	A, YBL026W, YBR055C, YGR006W, YDL098C, YGR091W, YDR473C, YOR308C, YBR152W, YPR178W, YPR082C, YKL173W, YEL026W, YJL124C, YOR310C
YDR379W	8	0.63838119	YDL240W, YOR127W, YFL047W, YER155C, YDR389W, YOR134W, YJL201W
YDR381W	8	0.24052177	YDL084W, YNL253W, YCL011C, YDR138W, YHR167W, YNL139C, YML062C
YDR382W	23	0.86398943	YLR340W, YOL039W, YLR448W, YGR085C, YDR418W, YKR094C, YIL148W, YLR406C, YEL054C, YOL127W, YGL030W, YLR075W, YPR102C, YPL131W, YML073 YKL173W, YLR069C, YJL102W, YOR133W, YPR080W, YOR187W, YKR084C, YBR118W, YDR172W, YAL035W, YPL217C, YOL023W, YOR076C
YDR385W	14	0.24733386	
YDR386W	2	0.32706069	YBR098W
YDR388W	2	0.06163228	YCR009C
YDR389W	9	0.53522147	YER155C, YFL047W, YPL115C, YDR379W, YOR127W, YDL240W, YOR134W, YJL YER164W, YGL066W, YMR223W, YOL148C, YBR081C, YDR176W, YGL112C, YMR236W, YGR252W, YDR448W, YPL254W, YCL010C, YHR099W, YBR111W-
YDR392W	30	0.76058176	A, YDR167W, YDR145W, YBR198C, YLR055C, YPL047W, YGL252C, YCR042C, YMR005W, YML114C, YML015C, YGR274C, YMR227C, YPL011C, YOR023C, YER1 YOR117W, YKL145W, YGL048C, YOR259C, YDL007W, YDR363W-
YDR394W	29	0.83545724	A, YFR004W, YDL097C, YER021W, YPR108W, YDR427W, YHL030W, YHR027C, YHR200W, YLR421C, YOR261C, YFR010W, YIL075C, YFR052W, YGR232W, YDL1
YDR395W	8	0.69393745	YGL238W, YGR218W, YLR347C, YER110C, YJR132W, YGL241W, YPL125W
YDR397C	2	0.07664431	YER159C
YDR398W	8	0.29599149	YEL055C, YJL109C, YPL126W, YGR128C, YHR196W, YMR093W, YDR324C
YDR404C	13	0.31159847	YOR151C, YIL021W, YGL070C, YJL140W, YOL005C, YBR154C, YMR229C, YGR YDR237W, YLR312W-
YDR405W	42	0.93973967	A, YBR122C, YDR322W, YBL038W, YCR071C, YPR100W, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, YPL183W-A, YKL170W, YMR193W, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YDR462W, YML009C, YJL096W, YNL284C, YNL252C, YNL005C, YKL167C, YML025C, YKR006C, YPL173W, YLR439W, YBR282W, YMR024W, YDR115W, YDR116C
YDR406W	10	0.9509389	YDR011W, YOR153W, YDR091C, YGR281W, YER036C, YPL226W, YNL014W, YFL
YDR407C	11	1	YDR108W, YOR115C, YKR068C, YML077W, YDR472W, YGR166W, YBR254C, YDR
YDR409W	4	0.30481443	YOR156C, YER063W, YLR394W
YDR411C	8	0.61238808	YOL013C, YLR207W, YML029W, YBR201W, YJL034W, YDR057W, YBR273C
YDR418W	22	0.82039209	YDL130W, YDL081C, YDR382W, YEL054C, YGR085C, YIL148W, YKR094C, YOL039W, YLR406C, YML073C, YPR102C, YLR448W, YGL030W, YLR340W, YLR075 YDR303C, YDR207C, YDR034C, YGL013C, YHR178W, YKL015W, YOR337W, YAL051W, YBR240C, YKL038W, YLR451W, YMR168C, YOR172W, YOR363C
YDR421W	15	0.25515419	
YDR422C	5	0.16546444	YDR477W, YGL115W, YGL208W, YER027C
YDR423C	6	0.59712761	YML007W, YIL036W, YIR018W, YOR028C, YEL009C
YDR425W	5	0.36105199	YDL113C, YJL036W, YOR357C, YMR004W
YDR427W	30	0.84241665	YER021W, YDL097C, YPR108W, YDL147W, YDR363W-A, YOR117W, YGL048C, YKL145W, YFR004W, YOR259C, YDR394W, YHL030W, YHR027C, YHR200W, YLR421C, YOR261C, YFR010W, YIL075C, YFR052W, YDL007W, YGR232W, YBR080C, YOL072W, YDR159W, YER162C, YPR045C, YMR276W
YDR430C	4	0.11712933	YBL045C, YPR122W, YPR191W
YDR432W	33	0.54593039	YHR086W, YIL061C, YPL178W, YKL012W, YGR013W, YLR298C, YLR116W, YOR159C, YPR182W, YLR275W, YMR125W, YFL017W-A, YGR074W, YER029C, YLR147C, YKL214C, YER165W, YBR119W, YDL209C, YDL224C, YDR235W, YDR240C, YIR009W, YPL213W, YMR288W, YML049C, YMR2

YDR439W	2	0.0113178	YPL204W
YDR443C	24	0.92905034	YBL093C, YBR253W, YBR193C, YDR308C, YDL005C, YGL127C, YNL236W, YHR041C, YOL051W, YHR058C, YPR168W, YOR174W, YGL025C, YPR070W, YLR071YML024W, YBR181C, YBR048W, YCR031C, YDR025W, YBL072C, YMR116C, YBR189W, YNL096C, YPL081W, YLR048W, YJL136C, YNL302C, YLR167W, YLR264W, YHR021C, YOR167C, YOR293W, YGR118W, YPR132W, YKL156W, YMR230W, YIL069C, YDR450W, YML026C, YDR064W, YOL121C, YJL191W, YER074W, YML0YDR176W, YGR252W, YPL254W, YER164W, YGL066W, YMR223W, YOL148C, YBR081C, YDR392W, YMR236W, YGL112C, YHR099W, YCL010C, YBR111W–
YDR447C	48	0.9536539	A, YDR167W, YDR145W, YBR198C, YLR055C, YPL047W, YGL252C, YOR023C, YCR042C, YML098W, YMR005W, YML114C, YML015C, YMR227C, YPL011C, YGR2YLR129W, YLR222C, YJL069C, YLR409C, YCR057C, YDR398W
YDR448W	31	0.80687868	YML026C, YBR181C, YBR048W, YCR031C, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YLR167W, YMR116C, YLR048W, YJL136C, YNL302C, YIL069C, YPL081W, YOR293W, YHR021C, YOR167C, YLR264W, YGR118W, YPR132W, YKL156W, YMR230W, YMR143W, YER074W, YNL096C, YML024W, YJL191W, YOL1
YDR449C	7	0.1963725	YCR039C, YDL106C
YDR450W	47	0.93526353	YML028W, YBL064C, YIL010W
YDR451C	3	0.92129195	YLR138W
YDR453C	4	0.53198548	YER125W, YKL010C
YDR456W	2	1	YPR025C, YDL108W, YDR079C–
YDR457W	3	0.15704508	YDR237W, YBL038W, YBR122C, YDR322W, YPR100W, YLR312W–
YDR460W	11	0.67969392	A, YNL185C, YMR286W, YGL068W, YJL063C, YNL177C, YKL138C, YOR150W, Y
YDR462W	42	0.93973967	PL183W–
YDR463W	9	0.7078761	A, YKL170W, YMR193W, YGR076C, YNR022C, YMR225C, YKR085C, YHR147C, YML009C, YMR024W, YKL167C, YKR006C, YPL173W, YLR439W, YML025C, YJLO
YDR468C	11	0.4139696	YDR216W, YER169W, YDR253C, YHL027W, YKL062W, YMR070W, YMR182C, YPL
YDR469W	7	0.39721398	YGL212W, YOR106W, YMR183C, YIL004C, YLR026C, YOR036W, YOL018C, YDR
YDR472W	11	1	YHR119W, YPL138C, YLR015W, YBR175W, YBR258C, YAR003W
YDR473C	20	0.54252742	YOR115C, YKR068C, YDR108W, YGR166W, YMR218C, YBR254C, YML077W, YDR
YDR477W	5	0.24799007	YDL098C, YBR152W, YGR006W, YOR308C, YGR091W, YPR178W, YBR055C, YER
YDR478W	10	1	146W, YNL147W, YER112W, YJR022W, YLR438C–
YDR484W	4	0.79555896	YGL115W, YDR422C, YGL208W, YER027C
YDR485C	20	0.53510472	YNL282W, YGR030C, YHR062C, YLR145W, YAL033W, YBR257W, YBR167C, YBL
YDR486C	6	0.78761076	YKR020W, YJL029C, YDR027C
YDR488C	3	0.05714775	YLR085C, YLR385C, YML041C, YBR231C, YAL011W, YDR334W, YNL107W, YGR
YDR489W	4	0.24619023	002C, YPL235W, YFL039C, YJL081C, YDR190C, YDL002C, YDR359C, YNL059
YDR490C	7	0.12277509	YMR077C, YKL002W, YKL041W, YLR025W, YKR035W–A
YDR495C	7	0.59216869	YKR054C, YMR299C
YDR497C	5	1	YDR013W, YJL072C, YOL146W
YDR498C	6	0.72899543	YJL164C, YPL203W, YKL166C, YJL141C, YGR086C, YPL004C
YDR501W	10	0.24525075	YAL002W, YLR148W, YLR396C, YMR231W, YPL045W, YDL077C
YDR502C	2	0.16561551	YDL194W, YDL199C, YDR343C, YFL011W
YDR507C	83	0.82428876	YNL258C, YLR440C, YGL145W, YOR075W, YGL098W
			YDL101C, YDR369C, YHR115C, YIL131C, YNL068C, YLR183C, YDR200C, YNL
			YLR180W
			YDR490C, YDL159W, YBL016W, YDR122W, YDL101C, YDR477W, YOL113W, YHL
			007C, YAR019C, YIL035C, YNL298W, YHR205W, YOR061W, YLR362W, YGR188
			C, YGR092W, YNL161W, YLR096W, YFL033C, YKL139W, YPL204W, YPL209C, Y
			KL166C, YJL164C, YPL203W, YPR161C, YPL031C, YHR079C, YLR248W, YHR0
			82C, YNL154C, YHR102W, YGL180W, YNR031C, YOL016C, YOL045W, YGR052W
			, YOL128C, YJL141C, YOR267C, YPL026C, YFL029C, YJL165C, YJR059W, YE
			R123W, YFR014C, YPR054W, YKL171W, YOR233W, YMR216C, YGL158W, YNL02

YDR516C	4	0.42287869	YGL253W, YFR053C, YCL040W
YDR517W	2	1	YDL099W
YDR524C	3	0.08847163	YDL226C, YGL181W
YDR529C	10	0.72949698	YGR183C, YHR001W-
YEL002C	9	0.99869898	YGL226C-
YEL009C	7	0.24097666	YDR423C, YNL167C, YIR018W, YIL036W, YOR028C, YML007W
YEL013W	2	1	YNL189W
YEL018W	20	0.55986186	YOR244W, YFL024C, YHR090C, YDR359C, YNL136W, YNL107W, YGR002C, YPR023C, YJR082C, YFL039C, YJL081C, YDR485C, YLR385C, YBR231C, YML041
YEL019C	7	0.91751195	YER038C, YLR007W, YDR288W, YOL034W, YML023C, YLR383W
YEL022W	6	0.71217372	YJR031C, YDR170C, YNL297C, YPR095C, YBL060W
YEL024W	11	0.7193172	YDR529C, Q0105, YGR183C, YFR033C, YHR001W-
YEL026W	20	0.51734562	YDL098C, YBR152W, YBR055C, YDR473C, YDR378C, YLR197W, YBL026W, YOR310C, YGR091W, YPR178W, YGR006W, YOR308C, YER146W, YNL147W, YJR022
YEL027W	16	0.97969079	YPL234C, YLR447C, YPR036W, YHR039C- A, YKL080W, YOR332W, YGR020C, YEL051W, YDL185W, YHR026W, YBR127C, Y
YEL030W	12	0.51144709	YBR169C, YDL229W, YAL005C, YBL075C, YER103W, YHR064C, YJL034W, YLL
YEL031W	6	0.36737656	YAL026C, YDR093W, YMR162C, YIL048W, YER166W
YEL032W	7	0.50920865	YBR202W, YPR019W, YGL201C, YLR274W, YBL023C, YDR052C
YEL036C	6	0.99166303	YDR245W, YJL183W, YJR075W, YPL050C, YML115C
YEL037C	15	0.14817516	YLR421C, YKL145W, YFR004W, YHR200W, YHR027C, YER162C, YBL047C, YGL181W, YOR138C, YNR032C-A, YLL039C, YER143W, YBR058C, YDR427W
YEL040W	2	1	YGR189C
YEL048C	11	1	YOR115C, YKR068C, YML077W, YGR166W, YMR218C, YBR254C, YDR108W, YDR
YEL051W	16	0.97969079	YEL027W, YHR026W, YPL234C, YLR447C, YPR036W, YDL185W, YKL080W, YGR020C, YOR332W, YHR039C- YDL130W, YDL081C, YDR382W, YDR418W, YDL075W, YOL039W, YGR085C, YKR
YEL054C	25	0.94966949	094C, YIL148W, YLR406C, YLR448W, YGL030W, YML073C, YPR102C, YLR340W, YOL127W, YLR075W, YPL131W, YOR063W, YDL191W, YDL136W, YER006W, Y
YEL055C	8	0.29184991	YPL126W, YMR093W, YGR128C, YHR196W, YJL109C, YDR324C, YDR398W
YEL056W	2	0.02855249	YLL022C
YEL061C	6	0.15880227	YKL079W, YPL155C, YPR141C, YGL216W, YBL063W
YEL071W	2	1	YML086C
YER006W	3	0.06147937	YGL099W, YNR053C
YER007W	3	0.21473516	YCL029C, YNL148C
YER008C	8	0.67963519	YIL068C, YBR102C, YGL233W, YPR055W, YJL085W, YLR166C, YDR166C
YER009W	2	0.00271283	YNR051C
YER012W	14	0.78029565	YBL041W, YGR253C, YGR135W, YML092C, YOL038W, YOR362C, YMR314W, YGL011C, YFR050C, YOR157C, YER094C, YJL001W, YPR103W
YER016W	4	0.42849679	YPL242C, YOR367W, YDR129C
YER017C	5	0.0742749	YMR089C, YPR024W, YGR231C, YGR132C
YER018C	4	0.46742773	YMR117C, YOL069W, YIL144W
YER020W	2	0.05845878	YHR005C YDL097C, YDR427W, YPR108W, YDL147W, YDR363W-
YER021W	29	0.83338207	A, YDL007W, YGL048C, YOR259C, YDR394W, YFR004W, YLR421C, YOR117W, YKL145W, YHR200W, YHL030W, YHR027C, YFR010W, YIL075C, YOR261C, YFR0YCR081W, YBL093C, YBR193C, YBR253W, YDR308C, YDL005C, YNL025C, YPL042C, YGL127C, YNL236W, YHR041C, YDR443C, YPR070W, YGL025C, YPR168
YER022W	24	0.923265	
YER027C	4	0.28066587	YGL115W, YGL208W, YDR422C YOR159C, YLR275W, YPR182W, YGR074W, YFL017W-
YER029C	40	0.60280552	A, YLR147C, YBR119W, YDR240C, YDR235W, YHR086W, YIL061C, YKL012W, YLR298C, YGR013W, YPR082C, YKL173W, YLR116W, YMR125W, YPL178W, YDL030W, YNL286W, YIR009W, YPL213W, YOR319W, YIR005W, YMR288W, YML049C

YER030W	15	0.36668236	YOL012C, YDR224C, YKL049C, YBL002W, YDL074C, YDR225W, YBL003C, YBR010W, YBR009C, YOR295W, YMR270C, YLR141W, YPL055C, YBL025W
YER031C	23	0.68156268	YFL005W, YLR229C, YIL118W, YNL090W, YNL180C, YNL304W, YPR165W, YNL098C, YOR101W, YKR055W, YGR152C, YLR262C, YML064C, YML001W, YLR293
YER036C	10	0.14856632	YDR011W, YDR091C, YOR153W, YPL226W, YGR281W, YFL028C, YNL014W, YLR
YER038C	7	0.9011706	YDR288W, YEL019C, YLR007W, YML023C, YOL034W, YLR383W
YER040W	4	0.05511076	YKL185W, YJL110C, YKR034W
YER041W	5	0.18571608	YNL085W, YGR258C, YKL113C, YOR033C
YER048W-A	2	0.08495355	YCL017C YNL081C, YPR166C, YMR188C, YMR158W, YPL013C, YPL118W, YKL003C, YDR
YER050C	30	0.90758449	041W, YOR158W, YGR084C, YIL093C, YJR101W, YGL129C, YDR337W, YGR165W, YNL306W, YDR175C, YNL137C, YDR347W, YBR146W, YBL090W, YJR113C, Y
YER054C	2	0.28526895	YOR178C
YER056C	2	1	YBL042C
YER063W	4	0.10590142	YCR066W, YDR409W, YOR156C
YER068W	9	0.68741063	YDL165W, YIL038C, YPR072W, YCR093W, YGR134W, YNL288W, YNR052C, YAL
YER072W	4	0.56103138	YFL004W, YJL012C, YPL019C YIL069C, YBR181C, YBR048W, YLR048W, YJL136C, YNL302C, YPL081W, YLR
YER074W	47	0.95355454	167W, YOR293W, YHR021C, YOR167C, YLR264W, YGR118W, YPR132W, YKL156W, YMR230W, YMR116C, YNL096C, YML063W, YML026C, YOL121C, YMR143W, YML024W, YJL191W, YGL189C, YER131W, YOL040C, YHL015W, YKR057W, YPL0
YER075C	6	0.37393427	YER144C, YHR111W, YDL230W, YMR036C, YOR208W
YER078C	2	0.11606098	YDR101C YJL069C, YPL126W, YLR129W, YLR222C, YMR093W, YLR409C, YGR128C, YJL
YER082C	22	0.28925434	109C, YLL011W, YHR196W, YDR324C, YCR057C, YLR197W, YDR398W, YEL055
YER083C	3	0.62514652	YGL020C, YDL100C
YER088C	6	0.05036081	YCR033W, YJL176C, YKR099W, YMR213W, YNL216W
YER089C	5	0.66206191	YDL006W, YCR079W, YBL056W, YBR125C
YER093C	8	0.63281989	YNL047C, YJL058C, YOL078W, YKL203C, YIL105C, YMR068W, YNL006W
YER094C	14	0.77428374	YGR253C, YGR135W, YMR314W, YOL038W, YML092C, YGL011C, YOR362C, YBL041W, YJL001W, YFR050C, YPR103W, YOR157C, YER012W
YER095W	3	0.14985427	YER179W, YDR004W
YER098W	12	0.55967639	YDR069C, YBR058C, YER144C, YFR005C, YDL122W, YIL156W, YER151C, YMR
YER099C	5	0.52470276	YHL011C, YBL068W, YOL061W, YKL181W
YER100W	10	0.71181721	YDR092W, YBR082C, YDR059C, YDR177W, YGL058W, YGL087C, YGR133W, YDL
YER102W	48	0.94666857	YBL072C, YBR181C, YBR048W, YER074W, YCR031C, YMR116C, YLR048W, YNL096C, YJL136C, YNL302C, YIL069C, YML063W, YLR167W, YHR021C, YOR293W, YLR264W, YOR167C, YGR118W, YPR132W, YKL156W, YMR230W, YPL081W, YML026C, YOL121C, YMR143W, YGL189C, YML024W, YER131W, YJL191W, YHL0
YER103W	12	0.51144709	YBR169C, YDL229W, YAL005C, YBL075C, YEL030W, YHR064C, YJL034W, YLL
YER105C	12	0.47918808	YGL092W, YGL100W, YJR042W, YKL057C, YKR082W, YBL079W, YMR047C, YKL
YER107C	18	0.41969458	YGL100W, YLR208W, YGL092W, YJR042W, YKL057C, YJL061W, YIL115C, YGL172W, YJL041W, YFR002W, YKL068W, YER105C, YMR047C, YDL116W, YKR082
YER109C	4	0.01598047	YBR103W, YBR198C, YMR164C
YER110C	8	0.24262751	YJR132W, YPL125W, YGL238W, YGL241W, YGR218W, YLR347C, YDR395W
YER111C	8	0.15839446	YLR182W, YOR034C, YIR033W, YKL020C, YKL043W, YMR016C, YDR264C YDR378C, YBL026W, YJR022W, YER146W, YNL147W, YLR438C-
YER112W	20	0.54687253	A, YDR473C, YBR055C, YDL098C, YBR152W, YGR006W, YPR178W, YGR091W, YOR308C, YPR082C, YKL173W, YEL026W, YJL124C, YOR310C YBL085W, YDL019C, YLR425W, YPL115C, YKL129C, YMR109W, YLR310C, YHR
YER114C	26	0.38694153	114W, YHR016C, YHL002W, YFR024C- A, YPR154W, YJL020C, YER118C, YBL007C, YBR200W, YNL257C, YGR097W, Y
YER116C	2	0.2845578	YDL013W

YER118C	18	0.37409482	YER114C, YBL007C, YBL085W, YDR388W, YCR088W, YBR200W, YDR162C, YAR014C, YHR114W, YKL129C, YMR109W, YLR310C, YHL002W, YFR024C-
YER122C	12	0.54563157	YDR238C, YDL145C, YGL137W, YFR051C, YPL010W, YIL076W, YNL287W, YDL YDR490C, YDL159W, YBL016W, YDR122W, YDL101C, YDR477W, YAR019C, YDR 507C, YBR097W, YBR160W, YCL024W, YBL105C, YDR283C, YDL017W, YDL108 W, YBR059C, YDL028C, YCR008W, YNL298W, YOL113W, YHR205W, YGR188C, Y
YER123W	84	0.82633825	LR362W, YLR096W, YHL007C, YNL161W, YGR092W, YFLO33C, YPL153C, YKL1 66C, YPL203W, YIL035C, YJL164C, YOR061W, YKL139W, YPR161C, YJL128C , YJL141C, YGR052W, YJL165C, YJR059W, YKL048C, YKL101W, YFL029C, YE R129W, YKL171W, YFR014C, YLR113W, YLR248W, YHR030C, YMR001C, YMR13
YER125W	6	0.49094935	YMR275C, YML111W, YDR457W, YJR017C, YKL010C
YER126C	3	0.01519147	YBL072C, YER102W
YER127W	2	0.02927732	YDL153C
YER129W	7	0.11259219	YGL115W, YGL208W, YDR477W, YBR050C, YER027C, YDR422C YGL189C, YLR048W, YNL096C, YPL081W, YJL136C, YNL302C, YIL069C, YLR 167W, YHR021C, YGR118W, YPR132W, YOR293W, YOR167C, YLR264W, YMR230 W, YKL156W, YML026C, YML063W, YOL121C, YJL191W, YMR143W, YKR057W, Y HL015W, YOLO40C, YML024W, YPLO90C, YLR441C, YOR096W, YGL123W, YNL1 YOR179C, YPR107C, YLR277C, YLR115W, YNL317W, YKR002W, YJR093C, YKL 059C, YNL222W, YGR156W, YKL018W, YDR195W, YAL043C, YDR301W, YBR050
YER131W	47	0.95355454	YOR370C
YER133W	22	0.78560756	YOR117W, YGL048C, YKL145W, YOR259C, YLR421C, YHR200W, YFR052W, YFR 004W, YHR027C, YMR276W, YBL047C, YGL181W, YOR138C, YEL037C, YBR058 YDR069C, YBR058C, YER075C, YFR005C, YHR111W, YDL122W, YER098W, YIL 156W, YMR036C, YER151C, YMR304W, YNL186W, YOR124C, YPL072W
YER136W	2	0.07610219	YBR207W
YER143W	23	0.39123984	YDR378C, YJR022W, YBL026W, YLR438C-
YER144C	15	0.57557637	A, YNL147W, YER112W, YDR473C, YBR055C, YDL098C, YBR152W, YGR006W, Y GR091W, YOR308C, YPR178W, YPR082C, YKL173W, YEL026W, YJL124C, YOR3
YER145C	2	1	YDR180W, YPR007C, YIL026C, YFLO08W, YDL003W
YER146W	20	0.49670666	YML098W, YML114C, YGR274C, YMR005W, YPL011C, YML015C, YMR227C, YCR
YER147C	6	0.58721035	YLR319C, YLL021W
YER148W	10	0.35577025	YNR051C
YER149C	3	0.18139383	YAL024C, YLR310C, YCR038C
YER151C	2	0.02004983	YPR105C, YGR120C, YNL041C, YNL051W, YML071C, YGL005C, YGL223C, YDL
YER155C	4	0.19205842	YDR397C
YER157W	9	0.92681173	YEL037C, YMR276W, YER143W, YLL039C, YBL047C YDR392W, YBR081C, YDR176W, YDR448W, YCL010C, YBR111W-
YER159C	2	0.07664431	A, YDR167W, YDR145W, YBR198C, YMR223W, YOL148C, YGL066W, YGR252W, Y HR099W, YMR236W, YGL112C, YPL254W, YLR055C, YPL047W, YGL252C YIL061C, YHR086W, YPL178W, YDR432W, YIR005W, YDR381W, YBR119W, YCL 011C, YPR112C, YPL043W, YOR361C, YOL123W, YGL044C, YJR091C, YPR042 C, YMR302C, YHL024W, YGR159C, YOLO41C, YNL197C, YKL214C, YNL110C, Y NL004W, YNL251C, YPL190C, YDL209C, YBR212W, YDL224C, YLR116W, YKLO
YER162C	6	0.11956656	YAL026C, YDR038C, YDR039C, YGL006W, YDR270W, YGL008C, YDR093W, YEL
YER164W	21	0.64698088	YDR096W, YDR253C, YJL056C, YNL027W, YMR182C, YHL027W, YKL062W, YMR
YER165W	39	0.46497786	YIL143C, YPL122C, YLR005W, YPR056W, YDR311W, YDR079C-
YER166W	11	0.86925365	YOL094C, YJR068W, YNL290W, YBR087W, YMR078C, YOR217W, YHR191C, YOR
YER169W	11	0.58798707	YDR098C, YLR043C, YOL088C, YOR288C, YGR209C, YPL059W, YCL043C, YCL
YER171W	12	0.68180591	YDR099W
YER173W	10	0.67044724	YDR004W, YER095W
YER174C	9	0.24215383	
YER177W	2	0.0088462	
YER179W	3	0.86419001	

YFL002C	34	0. 53326703	YKR024C, YDL031W, YNR038W, YKL078W, YMR128W, YJL050W, YLR398C, YGL251C, YGL120C, YKR059W, YHR169W, YGL064C, YJL138C, YMR190C, YGL078C, YOR046C, YOR204W, YNL112W, YGL171W, YLR276C, YLL008W, YBR142W, Y
YFL003C	6	0. 77501136	YCR092C, YDR097C, YOL090W, YHR120W, YDL154W
YFL004W	4	0. 93683712	YER072W, YJL012C, YPL019C
YFL005W	4	0. 19636133	YPR032W, YGR009C, YAL030W
YFL008W	7	0. 537989	YJL074C, YPR007C, YDL003W, YIL026C, YDR180W, YER147C
YFL009W	12	0. 28893957	YOR057W, YDR054C, YDL132W, YDR328C, YJR090C, YJL149W, YML088W, YLR
YFL011W	5	1	YDL194W, YDL199C, YDR343C, YDR497C
YFL013C	9	0. 32303635	YLR052W, YNL059C, YOR189W, YOR141C, YGL150C, YDL002C, YPL235W, YDR
YFL016C	11	0. 45074865	YNL064C, YMR214W, YNL007C, YGR285C, YNL227C, YGL018C, YNL328C, YMR
YFL017W-A	51	0. 72747633	YPR182W, YOR159C, YLR275W, YGR074W, YLR147C, YER029C, YDR240C, YBR119W, YDR235W, YHR086W, YIL061C, YKL012W, YGR013W, YLR298C, YPR082C, YKL173W, YBL026W, YDR378C, YER112W, YLR116W, YPL178W, YER146W, YMR125W, YDL030W, YGR006W, YPR178W, YNL147W, YJR022W, YLR438C-A, YGR091W, YOR308C, YNL286W, YIR009W, YPL213W, YOR319W, YIR005W, Y
YFL024C	21	0. 6209535	YEL018W, YOR244W, YDR359C, YNL136W, YHR090C, YGR002C, YNL107W, YPR023C, YJR082C, YFL039C, YJL081C, YDR485C, YLR085C, YBR231C, YAL011
YFL027C	10	0. 77421289	YGR100W, YMR055C, YPL249C, YMR192W, YNL293W, YOL112W, YOR070C, YJL
YFL028C	10	0. 9509389	YDR011W, YDR091C, YER036C, YDR406W, YOR153W, YGR281W, YPL226W, YLR
YFL029C	84	0. 84176201	YDR490C, YDL159W, YBL016W, YDR122W, YER129W, YDL101C, YDR477W, YAR019C, YDR507C, YBR097W, YBR160W, YCL024W, YBL105C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YCR008W, YER123W, YGR188C, YHR205W, Y
YFL031W	2	0. 06417956	YLR096W, YLR362W, YNL161W, YFL033C, YHL007C, YPL153C, YBR274W, YAL017W, YHR030C, YHR079C, YHR082C, YHR102W, YHR135C, YAR018C, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJL164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16
YFL033C	85	0. 84145673	YIR017C
YFL034C-B	4	0. 07887244	YDR490C, YDL159W, YBL016W, YDR122W, YER129W, YDL101C, YDR477W, YAR019C, YDR507C, YBR097W, YBR160W, YCL024W, YBL105C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YCR008W, YER123W, YGR188C, YHR205W, Y
YFL037W	5	0. 20496999	YDL298W, YOL113W, YHR206W, YLR096W, YLR362W, YNL161W, YHL007C, YGR092W, YPL153C, YDR247W, YBR274W, YHR030C, YHR079C, YHR082C, YHR102W, YHR135C, YAL017W, YFL029C, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJL164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL166C, YKL171W, YFR014C, YLR113W, YLR248W, YGL158W, YMR001C,
YFL038C	25	0. 84693802	YNL161W, YIL106W, YGR092W
YFL039C	28	0. 74497006	YML085C, YML124C, YMR211W, YGL216W
YFL047W	11	0. 65209597	YER031C, YLR229C, YKR055W, YIL118W, YNL090W, YNL180C, YNL304W, YPR165W, YGR152C, YML064C, YOR101W, YNL098C, YLR262C, YLR293C, YML001W, YGL210W, YOR089C, YKR014C, YNL093W, YFL005W, YCR027C, YER136W, Y
YFL048C	2	1	YJL081C, YDR190C, YNL107W, YGR002C, YPL235W, YDL002C, YFL013C, YDR
YFL049W	11	0. 40784236	485C, YEL018W, YBR231C, YAL011W, YDR359C, YDR334W, YLR085C, YFL024C, YNL059C, YOR141C, YLR385C, YML041C, YOR244W, YHR090C, YNL136W, Y
YFL059W	6	1	YER155C, YLR371W, YLR452C, YOR127W, YDL240W, YDR379W, YMR032W, YDR
YFL060C	6	1	YLR080W
YFR002W	4	0. 43645802	YDR073W, YBR289W, YOR290C, YNR023W, YHL025W, YJL176C, YPL016W, YPR
			YMR096W, YMR095C, YNL333W, YNL334C, YFL060C
			YMR095C, YNL334C, YMR096W, YNL333W, YFL059W
			YGR119C, YGL172W, YJL041W

			YDR363W-
YFR004W	30	0.76647923	A, YOR261C, YDL097C, YDR394W, YDR427W, YER021W, YDL007W, YDL147W, YGL048C, YOR117W, YKL145W, YOR259C, YPR108W, YLR421C, YFR010W, YHR027C, YFR052W, YIL075C, YGR232W, YHL030W, YHR200W, YEL037C, YBR080C
YFR005C	12	0.55967639	YBR058C, YDR069C, YER151C, YER144C, YER098W, YIL156W, YDL122W, YMR YPR108W, YOR117W, YDR363W-
YFR010W	28	0.81178905	A, YLR421C, YGL048C, YKL145W, YFR052W, YGR232W, YOR259C, YHR027C, YHR200W, YOR261C, YIL075C, YHL030W, YDL097C, YDR427W, YDR394W, YER021W, YDL007W, YDL147W, YFR004W, YBR080C, YER162C, YOL072W, YDR159W
YFR013W	4	0.16739876	YBR245C, YLR095C, YMR044W
YFR014C	84	0.84176201	YDR490C, YDL159W, YBL016W, YDR122W, YER129W, YDL101C, YDR477W, YAR019C, YDR507C, YBR097W, YBR160W, YCL024W, YBL105C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YCR008W, YER123W, YGR188C, YHR205W, YNL298W, YOL113W, YGR092W, YLR096W, YLR362W, YNL161W, YFL033C, YHLO07C, YPL153C, YBR274W, YAL017W, YHR030C, YHR079C, YHR082C, YHR102W, YHR135C, YFL029C, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJL164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YOR272W, YLR129W, YGL137W, YMR131C, YIL046W, YNL182C, YKLO18W, YLR208W, YMR093W, YPL126W, YLR222C, YLR409C, YGL100W, YJL069C, YOR026W, YMR092C, YGL213C, YLLO11W, YGR200C, YNL006W, YGR225W, YNL253W, YLR196W, YGLO04C, YOR212W, YOR229W, YOR230W, YOR269W, YIR012W, YPL100W, YGL190C
YFR021W	60	0.46944763	YHR016C, YKL129C, YLR310C, YHL002W, YHR114W, YMR109W, YPR154W, YJL020C, YER114C, YBL007C, YCR088W, YBL085W, YDR388W, YBR200W, YDR162
YFR024C-A	23	0.42855028	YJL076W, YDL042C, YIL113W, YNL053W, YIR026C, YBR276C, YDR227W, YLR
YFR028C	10	0.51962018	YLR086W, YDR325W, YBL097W, YLR272C
YFR031C	5	0.65736634	
YFR033C	10	0.71708952	YDR529C, YGR183C, YHR001W-
YFR034C	6	0.20900051	YBL103C, YOL067C, YJR060W, YOR032C, YOR344C
YFR036W	14	0.89827644	YGL003C, YDL008W, YLR102C, YKLO22C, YIR025W, YOR249C, YGL240W, YLR127C, YHR166C, YDR260C, YDR118W, YBL084C, YNL172W
YFR037C	19	0.64977871	YIL126W, YGR056W, YCR020W-
YFR038W	41	0.48800671	B, YLR357W, YKR008W, YHR056C, YCR052W, YLR033W, YBL006C, YDR303C, YLR321C, YMR091C, YML127W, YPR034W, YMR033W, YGR275W, YLR399C, YGR2YBR245C, YBR114W, YDR334W, YER164W, YAL019W, YOR304W, YIL126W, YLR032W, YOR290C, YBR073W, YGL163C, YOR191W, YGL150C, YJR035W, YPL082C, YDL031W, YBR142W, YFL002C, YDL084W, YMR128W, YGL120C, YKL078W, YJL050W, YLR398C, YKR024C, YGL251C, YKR059W, YLLO08W, YLR276C, YIRO
YFR040W	5	0.46116197	YDL047W, YGL229C, YJL098W, YKR028W
YFR045W	9	1	YBL030C, YBR104W, YBR192W, YDL198C, YIL006W, YMR056C, YMR241W, YPR
YFR050C	14	0.77428374	YGR253C, YGR135W, YML092C, YOL038W, YGL011C, YMR314W, YOR362C, YJL001W, YOR157C, YPR103W, YBL041W, YER094C, YER012W
YFR051C	10	0.52433161	YPL010W, YGL137W, YDR238C, YNL287W, YDL145C, YIL076W, YER122C, YDL YFR010W, YOR117W, YDR363W-
YFR052W	28	0.81701888	A, YGL048C, YLR421C, YHL030W, YKL145W, YOR259C, YPR108W, YHR027C, YOR261C, YHR200W, YIL075C, YDL097C, YDR427W, YDR394W, YGR232W, YER021W, YDL007W, YDL147W, YFR004W, YBR080C, YER143W, YER162C, YPR045C
YFR053C	4	0.97943371	YGL253W, YDR516C, YCL040W
YGL002W	8	0.65463297	YGL200C, YML012W, YAL007C, YHR110W, YAR002C-A, YDL018C, YOR016C
YGL003C	15	0.89850575	YDR118W, YDR260C, YDL008W, YFR036W, YBL084C, YKLO22C, YLR102C, YIR025W, YOR249C, YGL240W, YLR127C, YHR166C, YNL172W, YCR060W

YGL004C	62	0.45877491	YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YFR021W, YDL145C, YCLO39W, YCR084C, YFLO09W, YBR103W, YBLO08W, YGL003C, YBR234C, YCR072C, YDR080W, YEL056W, YER107C, YDR364C, YLR129W, YIL046W, YGL137W, YOR272W, YMR131C, YPL126W, YMR093W, YKLO18W, YJL069C, YLR222C, YLR409C, YGL100W, YLR208W, YNL317W, YNL253W, YNL182C, YPL139C, YOR212W, YGR200C, YGL190C, YNL006W, YOR026W, YGL213C, YKL021C, YK
YGL005C	9	0.92681173	YPR105C, YGR120C, YNL041C, YGL223C, YNL051W, YML071C, YER157W, YDL
YGL006W	13	0.99019214	YDR038C, YDR039C, YGL008C, YDR270W, YIL048W, YAL026C, YMR162C, YEL
YGL008C	13	0.99019214	YDR038C, YDR039C, YGL006W, YIL048W, YDR270W, YMR162C, YIL053W, YAL
YGL011C	14	0.77428374	YGR253C, YGR135W, YML092C, YOL038W, YMR314W, YOR362C, YFR050C, YER094C, YBLO41W, YOR157C, YJL001W, YPR103W, YER012W
YGL013C	12	0.61257576	YHR178W, YKLO15W, YOR337W, YDR034C, YBR240C, YAL051W, YKL038W, YLR
YGL014W	6	0.133363	YJR091C, YPR042C, YJL010C, YLL013C, YGL178W
YGL018C	10	0.47937974	YFL016C, YMR214W, YNL064C, YNL227C, YNL007C, YGR285C, YJL073W, YMR
YGL019W	7	0.24331548	YIL035C, YOR061W, YOR039W, YGR090W, YCLO31C, YLR223C
YGL020C	3	0.62514652	YER083C, YDL100C
YGL022W	9	0.97492261	YGL226C-
YGL023C	4	0.21878924	YNR006W, YDR323C, YDR313C
YGL025C	24	0.90585764	YNL025C, YGL127C, YPL042C, YCR081W, YPR168W, YBR193C, YBR253W, YBL093C, YNL236W, YHR041C, YDL005C, YDR308C, YPR070W, YOL051W, YGR104
YGL030W	22	0.82069995	YDL130W, YDL081C, YDR382W, YDR418W, YDL075W, YEL054C, YDL191W, YDL136W, YGR085C, YIL148W, YKR094C, YLR448W, YLR406C, YPR102C, YML073
YGL033W	2	1	YGL183C
YGL035C	8	0.83125706	YJL056C, YNL027W, YMR037C, YGL209W, YDR096W, YDR043C, YBR066C
YGL043W	29	0.67207122	YOR151C, YJL140W, YOL005C, YIL021W, YGL070C, YHR143W- A, YOR210W, YPR187W, YOR224C, YJR063W, YPR110C, YDR045C, YPR133C, YNL113W, YOR207C, YPR010C, YOR340C, YOR116C, YJL148W, YOR341W, YNL2
YGL044C	5	0.3001304	YOL123W, YOR250C, YMR061W, YDR228C
YGL045W	4	0.99458852	YOR018W, YBL101C, YPR030W
YGL048C	29	0.83503056	YOR117W, YDR394W, YKL145W, YOR259C, YDL007W, YDR363W- A, YFR010W, YER021W, YFR052W, YDL097C, YDR427W, YPR108W, YHR027C, YHL030W, YHR200W, YLR421C, YOR261C, YIL075C, YGR232W, YDL147W, YFR0
YGL051W	2	1	YAR033W
YGL058W	3	0.09352578	YCR066W, YDR265W
YGL060W	2	1	YBR216C
YGL061C	10	0.8958288	YGR113W, YBR233W-A, YKL138C-
YGL062W	3	1	YNR016C, YDR148C
YGL064C	33	0.53708623	YDL031W, YBR142W, YFL002C, YDL084W, YKL078W, YGL120C, YJL050W, YLR398C, YMR128W, YKR059W, YKR024C, YGL251C, YNR038W, YHR169W, YMR190C, YJL138C, YOR046C, YGL078C, YGL171W, YLL008W, YNL112W, YOR204W, YMR223W, YOL148C, YDR392W, YBR081C, YDR176W, YDR448W, YGL112C, YMR236W, YGR252W, YPL254W, YCLO10C, YHR099W, YBR111W-
YGL066W	31	0.79934956	A, YDR167W, YDR145W, YBR198C, YLR055C, YPL047W, YER164W, YGL252C, YER148W, YCR042C, YML098W, YMR005W, YML114C, YML015C, YGR274C, YMR2YDR237W, YBR122C, YDR322W, YBLO38W, YDR462W, YCR071C, YDR405W, YBR282W, YDR115W, YDR116C, YDL202W, YCR003W, YBR268W, YCR046C, YGR076
YGL068W	42	0.98151011	C, YHR147C, YJL063C, YJL096W, YKL138C, YKL167C, YKL170W, YKR006C, YKR085C, YLR312W- A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, Y
YGL070C	11	0.22233558	YOR151C, YIL021W, YDR404C, YJL140W, YOL005C, YBR154C, YGL043W, YGR
YGL071W	2	0.07464916	YPL202C
YGL073W	4	0.857217	YHR206W, YGR249W, YOR140W
YGL075C	3	0.31631149	YLR457C, YPL255W

YGL078C	33	0.4438326	YDL031W, YBR142W, YFL002C, YKL078W, YMR128W, YNR038W, YJL050W, YLR398C, YKR059W, YKR024C, YGL251C, YHR169W, YJL138C, YMR190C, YOR046C, YNL112W, YOR204W, YLR276C, YLL008W, YGL171W, YDL084W, YGL064C, Y
YGL086W	3	0.16086009	YJL030W, YJL013C
YGL087C	11	0.68857718	YDR092W, YMR022W, YGR133W, YBR082C, YDR059C, YDR177W, YDL064W, YER
YGL090W	3	0.45473922	YOR005C, YLR265C
YGL091C	2	1	YIL003W
YGL092W	12	0.4143494	YGL100W, YJR042W, YKL057C, YDL116W, YER105C, YMR047C, YKL068W, YBL
YGL094C	4	1	YKL025C, YLR107W, YOL080C
YGL095C	18	0.42861749	YLR396C, YDR189W, YDR164C, YGL212W, YOR106W, YMR183C, YIL004C, YLR026C, YOL018C, YOR036W, YPL045W, YDR495C, YAL002W, YDL077C, YLR093
YGL097W	3	1	YBR280C, YAL020C
YGL098W	6	0.82193635	YNL258C, YGL145W, YLR440C, YDR498C, YOR075W
YGL099W	3	0.01690457	YNR053C, YER006W
YGL100W	12	0.4143494	YKL057C, YJR042W, YGL092W, YDL116W, YER105C, YBL079W, YDL088C, YMR
YGL112C	31	0.76015132	YDR167W, YMR236W, YDR145W, YBR198C, YGL066W, YDR392W, YBR081C, YMR223W, YOL148C, YDR176W, YDR448W, YCL010C, YBR111W- A, YCR042C, YGR252W, YPL254W, YHR099W, YLR055C, YPL047W, YMR005W, YER148W, YML098W, YML015C, YML114C, YGR274C, YMR227C, YPL011C, YER1
YGL115W	7	0.27469074	YDR477W, YER027C, YDR422C, YGL208W, YJR040W, YBR214W
YGL120C	3	0.06951465	YKR022C, YLR424W
YGL123W	47	0.91201569	YLR048W, YJL136C, YNL096C, YML063W, YIL069C, YNL302C, YLR167W, YOR293W, YGR118W, YHR021C, YPR132W, YLR264W, YOR167C, YKL156W, YMR230W, YML026C, YOL121C, YPL081W, YML024W, YMR143W, YJL191W, YHL015W, YPL090C, YKR057W, YGL189C, YLR441C, YOR096W, YOL040C, YJR123W, YNL1
YGL124C	2	1	YBR131W
YGL127C	24	0.89920773	YNL025C, YPL042C, YBL093C, YHR041C, YBR253W, YNL236W, YLR071C, YHR058C, YNR010W, YGL025C, YGL151W, YCR081W, YBR193C, YDR308C, YDL005
YGL129C	30	0.90758449	YDR337W, YDR041W, YER050C, YDR175C, YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR165W, YGR084C, YOR158W, YIL093C, YJR101W, YDR347W, YBR146W, YBL090W, YNL306W, YNL137C, YJR113C, Y
YGL133W	7	0.32931119	YJL065C, YOR304W, YDR121W, YBR278W, YNL262W, YPR175W
YGL134W	5	0.13753089	YPL031C, YOL001W, YIL050W, YNL289W
YGL137W	10	0.53408521	YDL145C, YDR238C, YFR051C, YNL287W, YPL010W, YIL076W, YER122C, YDL
YGL145W	6	0.63338523	YNL258C, YLR440C, YOR075W, YDR498C, YGL098W
YGL150C	14	0.34235226	YDL002C, YFL013C, YOR189W, YNL059C, YLR052W, YOR141C, YPL235W, YDR190C, YFL039C, YBR089C-A, YMR072W, YPR052C, YDR174W
YGL151W	24	0.89920773	YNL025C, YPL042C, YGL127C, YHR041C, YNL236W, YOL051W, YPR070W, YLR071C, YPR168W, YGR104C, YHR058C, YOR174W, YNR010W, YOL135C, YBR193
YGL155W	2	0.27333188	YHR072W
YGL158W	77	0.72041859	YLR362W, YDR490C, YDL159W, YBL016W, YGR188C, YPL153C, YKL139W, YGR092W, YNL161W, YLR096W, YPL031C, YKL166C, YJL164C, YPL203W, YPR161C, YPL209C, YOL016C, YOL045W, YKL171W, YOL128C, YHR102W, YOR233W, YPL026C, YLR248W, YKL048C, YNL154C, YGR052W, YHR082C, YPR054W, YNR031C, YJL141C, YNL020C, YGL180W, YHR079C, YMR139W, YKL101W, YJL165C, YJR059W, YOR267C, YPL140C, YIL095W, YNL307C, YOR231W, YMR001C, YJL187C, YMR216C, YJL095W, YHR030C, YHR135C, YPL204W, YJL128C, YGR04
YGL163C	41	0.48800671	YBR245C, YBR114W, YGL150C, YDR334W, YER164W, YAL019W, YOR304W, YIL126W, YLR032W, YOR290C, YBR073W, YOR191W, YJR035W, YFR038W, YPL082C, YDL031W, YBR142W, YFL002C, YGL078C, YDL084W, YGL064C, YGL120C, YKL078W, YJL050W, YLR398C, YMR128W, YKR024C, YGL251C, YHR169W, YLR2
YGL166W	3	1	YMR021C, YPR008W

YGL171W	32	0. 52650726	YDL031W, YBR142W, YFL002C, YGL078C, YDL084W, YGL064C, YGL120C, YKL078W, YKR024C, YNR038W, YJL050W, YLR398C, YGL251C, YKR059W, YHR169W, YMR190C, YJL138C, YOR046C, YNL112W, YOR204W, YLL008W, YLR276C, Y
YGL172W	4	0. 46534256	YGR119C, YFR002W, YJL041W
YGL173C	2	0. 10024806	YOR048C
YGL174W	2	0. 19554267	YLR016C
YGL178W	6	0. 03559599	YJR091C, YPR042C, YJL010C, YLL013C, YGL014W
YGL180W	83	0. 82358197	YDR490C, YDL159W, YBL016W, YDR122W, YGL158W, YER129W, YDL101C, YDR477W, YAR019C, YDR507C, YBR097W, YBR160W, YCL024W, YHR205W, YGR188C, YOL113W, YNL298W, YNL161W, YGR092W, YPL153C, YLR362W, YHL007C, YLR096W, YIL035C, YPL209C, YOR061W, YPL204W, YKL139W, YPR161C, YJL187C, YJR059W, YKL048C, YKL101W, YHR030C, YKL166C, YKL171W, YHR079C, YLR113W, YLR248W, YHR082C, YMR001C, YMR139W, YMR216C, YNL154C, YHR102W, YHR135C, YNL307C, YNR031C, YOL016C, YOLO45W, YGR052W, YOL12
YGL181W	7	0. 19438778	YBL047C, YER143W, YMR276W, YOR138C, YBR058C, YDR524C
YGL183C	2	1	YGL033W
YGL187C	11	0. 63329013	Q0275, Q0250, YMR256C, YLR395C, YGL191W, YNL052W, YHR051W, Q0045, Y
YGL189C	47	0. 93174589	YER131W, YLR048W, YJL136C, YIL069C, YNL302C, YPL081W, YLR167W, YOR293W, YHR021C, YGR118W, YPR132W, YOR167C, YLR264W, YKL156W, YMR230W, YNL096C, YML063W, YML026C, YOL121C, YMR143W, YML024W, YJL191W, YHL015W, YOLO40C, YKR057W, YPL090C, YLR441C, YOR096W, YJR123W, YNL1
YGL190C	9	0. 22306077	YAL016W, YDL134C, YDL188C, YOR014W, YPL152W, YMR028W, YML109W, YMR
YGL191W	11	0. 66451625	Q0275, Q0250, YMR256C, YLR395C, YNL052W, YHR051W, YGL187C, Q0045, Y
YGL192W	2	1	YCL055W
YGL194C	9	0. 60124162	YBR103W, YCR033W, YDR155C, YKR029C, YIL112W, YOLO68C, YDR310C, YOR
YGL200C	9	0. 68813031	YAL007C, YAR002C-
YGL201C	7	0. 52753887	YBR202W, YEL032W, YPR019W, YLR274W, YBL023C, YDR052C
YGL203C	2	0. 01262048	YMR297W
YGL206C	3	0. 1402205	YGR167W, YDR153C
YGL207W	5	0. 15141066	YML069W, YNL206C, YDR101C, YER078C
YGL208W	5	0. 25917586	YGL115W, YDR477W, YER027C, YDR422C
YGL209W	8	0. 83125706	YGL035C, YJL056C, YNL027W, YMR037C, YDR096W, YDR043C, YBR066C
YGL210W	24	0. 68811439	YER031C, YLR229C, YIL118W, YNL090W, YNL180C, YNL304W, YPR165W, YGR152C, YML064C, YOR101W, YKR055W, YNL098C, YLR262C, YLR293C, YML001
YGL212W	11	0. 27856401	YOR106W, YDR468C, YMR183C, YIL004C, YOL018C, YOR036W, YLR026C, YGL
YGL213C	3	0. 10797773	YPR189W, YLR398C
YGL216W	9	0. 71259429	YML085C, YML124C, YKL079W, YPL155C, YPR141C, YEL061C, YBL063W, YFL
YGL223C	9	0. 92681173	YPR105C, YGR120C, YNL041C, YGL005C, YNL051W, YML071C, YER157W, YDL
YGL226C-A	9	0. 99869898	YGL022W, YMR149W, YJL002C, YOR103C, YDL232W, YEL002C, YML019W, YOR
YGL227W	8	0. 75748717	YIL097W, YDR255C, YMR135C, YCL039W, YBR105C, YIL017C, YKL124W
YGL229C	4	0. 36343369	YFR040W, YJL098W, YKR028W
YGL233W	8	0. 78725045	YBR102C, YER008C, YIL068C, YDR166C, YJL085W, YPR055W, YLR166C
YGL238W	9	0. 4869819	YDR395W, YJR132W, YGL241W, YPL125W, YGR218W, YLR347C, YER110C, YKL
YGL240W	14	0. 89827644	YHR166C, YKL022C, YFR036W, YDL008W, YNL172W, YDR260C, YDR118W, YBL084C, YLR127C, YIR025W, YLR102C, YOR249C, YGL003C
YGL241W	8	0. 69393745	YGL238W, YER110C, YGR218W, YLR347C, YJR132W, YPL125W, YDR395W
YGL244W	6	0. 35506493	YOR123C, YBR279W, YLR418C, YOL145C, YDR138W
YGL246C	2	0. 89975194	YOR048C
YGL247W	2	1	YHR036W
YGL249W	2	1	YDR285W
YGL251C	36	0. 53639539	YMR167W, YKL078W, YJL050W, YLR398C, YMR128W, YKR024C, YKR059W, YLR276C, YJL138C, YHR169W, YLL008W, YNL112W, YNR038W, YOR046C, YOR204W, YMR190C, YDL031W, YBR142W, YFL002C, YGL078C, YDL084W, YGL064C, Y

YGL252C	19	0.49437159	YGL066W, YDR392W, YBR081C, YNL076W, YDR176W, YDR448W, YDR167W, YGL112C, YDR145W, YBR198C, YOL148C, YMR223W, YER164W, YHR099W, YPL254
YGL253W	4	0.97943371	YFR053C, YDR516C, YCL040W
YGR002C	21	0.60721854	YNL107W, YJL081C, YEL018W, YDR359C, YDR485C, YFL024C, YBR231C, YAL011W, YFL039C, YDR334W, YLR085C, YOR244W, YLR385C, YHR090C, YML041
YGR003W	5	0.36080997	YNL230C, YBR114W, YJR052W, YPL046C
YGR005C	2	0.03155482	YGR186W
YGR006W	18	0.54451487	YDL098C, YBR152W, YBR055C, YDR473C, YDR378C, YBL026W, YER112W, YER146W, YGR091W, YOR308C, YPR178W, YEL026W, YLR438C-
YGR009C	6	0.43906586	YFL005W, YAL030W, YPL232W, YPR032W, YOR327C
YGR013W	35	0.57776865	YHR086W, YDR235W, YIL061C, YDR240C, YKL012W, YLR298C, YBR119W, YOR159C, YPR182W, YLR275W, YGR074W, YLR116W, YLR147C, YPL178W, YMR125W, YFL017W-
YGR020C	16	0.97969079	A, YER029C, YDR432W, YDL030W, YDL209C, YIR009W, YOR319W, YPL213W, YHR026W, YPL234C, YEL027W, YLR447C, YPR036W, YKL080W, YOR332W, YHR039C-
YGR023W	2	1	YLR332W
YGR030C	10	1	YBL018C, YNL282W, YBR167C, YBR257W, YAL033W, YHR062C, YNL221C, YDR
YGR033C	9	0.63559926	YNR017W, YPL063W, YJL143W, YLR008C, YJL104W, YOR232W, YKR065C, YILYLR362W, YDR490C, YDL159W, YBL016W, YNL161W, YLR096W, YKL139W, YKL166C, YJL164C, YPL031C, YPL204W, YPL203W, YPL209C, YPR161C, YOL016C, YOL045W, YGR052W, YOL128C, YKL171W, YPL026C, YHR079C, YLR248W, Y
YGR040W	74	0.68044121	JL141C, YNL154C, YHR082C, YHR102W, YPR054W, YNR031C, YJR059W, YNL020C, YOR233W, YJL165C, YOR267C, YMR216C, YNL307C, YIL095W, YKL048C, YPL140C, YMR001C, YJL187C, YOR231W, YJL095W, YHR030C, YMR139W, YKL101W, YHR135C, YLR113W, YJL128C, YGL158W, YER129W, YDL101C, YDR47
YGR048W	7	0.31965836	YBR170C, YDL126C, YDR330W, YBL058W, YBR273C, YML013W
YGR052W	84	0.84176201	YDR490C, YDL159W, YBL016W, YDR122W, YGR040W, YGL158W, YER129W, YDL101C, YDR477W, YAR019C, YDR507C, YBR097W, YBR160W, YCL024W, YGL180W, YBL105C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YCR008W, YER123W, YGR188C, YHR205W, YNL298W, YOL113W, YGR092W, YLR096W, YLR362W, YNL161W, YFL033C, YHL007C, YPL153C, YHR079C, YHR082C, YHR102W, YHR135C, YDR247W, YIL035C, YIL095W, YJL095W, YJL128C, YJL141C, YJL164C, YJL165C, YJL187C, YJR059W, YKL048C, YKL101W, YKL139W, YKL16YLR357W, YIL126W, YKR008W, YLR033W, YCR020W-
YGR056W	19	0.63884127	B, YBL006C, YCR052W, YDR303C, YHR056C, YFR037C, YLR321C, YMR091C, YML127W, YPR034W, YGR275W, YMR033W, YLR399C, YGR270W
YGR059W	6	0.65034053	YDL225W, YCR002C, YHR107C, YJR076C, YLR314C
YGR060W	2	1	YLR056W
YGR063C	2	0.08390981	YML010W
YGR072W	3	0.11507236	YMR080C, YHR077C
YGR074W	37	0.60753406	YOR159C, YPR182W, YLR275W, YFL017W-
YGR076C	42	0.93964999	A, YLR147C, YER029C, YGR013W, YBR119W, YDR235W, YDR240C, YIL061C, YHR086W, YLR298C, YKL012W, YLR116W, YPL178W, YMR125W, YDL030W, YNL286W, YIR009W, YPL213W, YOR319W, YIR005W, YMR288W, YML049C, YMR240CYDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR282W, YLR312W-
YGR080W	8	0.1520727	A, YPR100W, YNL185C, YMR286W, YKL138C, YNL177C, YKL170W, YOR150W, YPL183W-
YGR082W	8	0.77545862	A, YJL063C, YMR193W, YDR116C, YDL202W, YKR085C, YNR022C, YHR147C, Y
YGR083C	6	0.75022554	YCR088W, YNL138W, YBL007C, YDR388W, YHR016C, YFR024C-A, YIR006C
			YOR045W, YNL070W, YNL121C, YNL131W, YMR203W, YNL055C, YNL026W
			YLR291C, YKR026C, YDR211W, YOR260W, YJR007W

YGR084C	30	0. 90758449	YDR337W, YDR041W, YER050C, YDR175C, YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR165W, YDR347W, YGL129C, YBL090W, YBR146W, YOR158W, YIL093C, YJR101W, YNL306W, YNL137C, YJR113C, Y
YGR085C	24	0. 94422247	YDL130W, YDL081C, YDR382W, YPR102C, YDR418W, YDL075W, YEL054C, YDL191W, YLR340W, YOL039W, YKR094C, YIL148W, YLR448W, YLR406C, YML073
YGR086C	2	0. 05596102	YPL004C
YGR090W	5	0. 11620968	YCL031C, YOR039W, YGL019W, YLR223C
YGR091W	20	0. 55662541	YDL098C, YBR152W, YBR055C, YDR473C, YOR308C, YPR178W, YNL147W, YJR022W, YDR378C, YBL026W, YLR438C-
YGR092W	3	0. 04777408	YIL106W, YFL034C-B
YGR095C	12	0. 93684302	YGR195W, YDR280W, YDL111C, YGR158C, YCR035C, YOL142W, YOL021C, YHR
YGR097W	13	0. 17379171	YNL298W, YOL113W, YER114C, YBL085W, YLR425W, YPL115C, YNL047C, YIL
YGR098C	2	1	YDR113C
YGR100W	11	0. 78814638	YFL027C, YDR326C, YDL234C, YJL044C, YMR055C, YMR192W, YNL293W, YOL
YGR103W	6	0. 1705097	YDR217C, YOR005C, YMR277W, YJL090C, YHR154W
YGR104C	24	0. 91938236	YNL025C, YBL093C, YBR193C, YGL151W, YBR253W, YDR308C, YPL042C, YGL127C, YDL005C, YNL236W, YGL025C, YHR041C, YOL051W, YHR058C, YPR070
YGR108W	12	0. 25448477	YBR160W, YLR210W, YGR109C, YPR120C, YPR119W, YDL155W, YMR199W, YPL
YGR109C	12	0. 25448477	YBR160W, YLR210W, YPR120C, YPR119W, YGR108W, YDL155W, YMR199W, YPL
YGR113W	10	0. 80682129	YDR320C-A, YDR016C, YGL061C, YBR233W-A, YDR201W, YKL138C-
YGR118W	47	0. 94980015	YGL189C, YPR132W, YGL123W, YER131W, YMR116C, YHR021C, YIL069C, YJL136C, YJL191W, YJR123W, YKL156W, YKR057W, YLR048W, YLR167W, YLR264W, YLR441C, YML024W, YML026C, YML063W, YGR214W, YMR143W, YMR230W, YNL096C, YNL178W, YNL302C, YOL040C, YOL121C, YOR096W, YOR167C, YOR2
YGR119C	4	0. 44219707	YGL172W, YFR002W, YJL041W
YGR120C	9	0. 91962294	YGL005C, YGL223C, YER157W, YNL041C, YPR105C, YNL051W, YML071C, YDL
YGR128C	8	0. 29184991	YEL055C, YPL126W, YMR093W, YJL109C, YHR196W, YDR324C, YDR398W
YGR129W	5	0. 3625324	YBR188C, YPR101W, YMR213W, YLR117C
YGR132C	2	0. 02524558	YGR231C
YGR133W	10	0. 60082248	YGL087C, YDR092W, YBR082C, YDR059C, YMR022W, YDR177W, YER100W, YDL
YGR134W	9	0. 64716082	YIL038C, YDL165W, YPR072W, YCR093W, YER068W, YNR052C, YNL288W, YAL
YGR135W	16	0. 79937367	YFR050C, YGL011C, YGR253C, YER094C, YBL041W, YOL038W, YOR362C, YMR314W, YML092C, YJL001W, YOR157C, YPR103W, YER012W, YLR021W, YPL144
YGR140W	5	0. 16326975	YMR094W, YMR168C, YOL116W, YMR172W
YGR143W	2	1	YPR159W
YGR145W	2	0. 00500482	YDR365C
YGR152C	23	0. 50210204	YHL007C, YIL118W, YLR262C, YML001W, YNL090W, YNL180C, YNL304W, YNL098C, YOR101W, YML064C, YOR089C, YNL093W, YKR014C, YLR293C, YPR165
YGR156W	20	0. 77983781	YOR179C, YLR277C, YLR115W, YKR002W, YPR107C, YNL317W, YJR093C, YNL222W, YKL059C, YDR195W, YAL043C, YDR301W, YKL018W, YER133W, YDR228
YGR158C	12	0. 75637039	YGR195W, YGR095C, YDL111C, YCR035C, YDR280W, YOL021C, YOL142W, YHR
YGR159C	26	0. 3331886	YLR197W, YJR091C, YPR042C, YDR432W, YDR381W, YCL011C, YER165W, YDL209C, YPL043W, YGL044C, YOR361C, YIR005W, YMR302C, YHL024W, YNL251C, YPL190C, YOL123W, YNL004W, YKL214C, YNL197C, YOL041C, YNL110C, Y
YGR162W	5	0. 13610692	YKR059W, YOL139C, YLR336C, YGR278W
YGR163W	5	0. 70867119	YBR077C, YKR007W, YKL143W, YML121W
YGR165W	30	0. 89372531	YDR337W, YER050C, YDR175C, YNL081C, YPR166C, YMR188C, YMR158W, YPL013C, YPL118W, YKL003C, YOR158W, YIL093C, YJR101W, YGL129C, YGR084C, YDR347W, YBL090W, YBR146W, YNL306W, YNR037C, YJR113C, YGR215W, Y
YGR166W	11	1	YDR108W, YDR246W, YML077W, YBR254C, YDR472W, YDR407C, YOR115C, YKR
YGR167W	3	0. 1823612	YGL206C, YDR153C
YGR178C	2	0. 09740088	YNL085W
YGR179C	3	0. 14521284	YDR318W, YPL018W

YGR183C	9	0.79031016	YDR529C, YFR033C, Q0105, YEL024W, YBL045C, YHR001W-
YGR184C	2	1	YLR024C
YGR186W	2	0.03350686	YGR005C
YGR188C	5	0.1381946	YOR026W, YJL013C, YJL030W, YGL086W
YGR189C	2	1	YEL040W
YGR192C	3	0.97925701	YJR009C, YJL052W
YGR195W	12	0.93684302	YGR095C, YDR280W, YDL111C, YCR035C, YGR158C, YOL021C, YOL142W, YHR
YGR200C	6	0.67908112	YMR312W, YPL101W, YHR187W, YPL086C, YLR384C
YGR206W	4	0.54631918	YPL065W, YLR119W, YCL008C
YGR209C	7	0.76569469	YER174C, YDR098C, YLR043C, YOL088C, YOR288C, YCL043C
YGR214W	47	0.93090453	YLR048W, YGL189C, YJL136C, YLR167W, YNL302C, YIL069C, YNL096C, YPL 081W, YOR293W, YHR021C, YLR264W, YOR167C, YPR132W, YKL156W, YMR230 W, YML063W, YML026C, YOL121C, YMR143W, YML024W, YJL191W, YHL015W, Y PL090C, YKR057W, YOL040C, YLR441C, YOR096W, YJR123W, YNL178W, YGL1 YNL081C, YPR166C, YMR188C, YPL013C, YPL118W, YMR158W, YKL003C, YOR YGR215W
YGR215W	30	0.90758449	158W, YIL093C, YJR101W, YNL306W, YDR041W, YNL137C, YDR337W, YGR165 W, YDR175C, YJR113C, YER050C, YGR084C, YDR347W, YGL129C, YBR146W, Y
YGR218W	10	0.71832472	YGL238W, YJR132W, YPL125W, YLR347C, YOR160W, YKL205W, YER110C, YGL
YGR221C	2	1	YIL140W
YGR225W	61	0.47470108	YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YGL137W, YFR 021W, YDL145C, YGL100W, YCL039W, YCR084C, YFL009W, YBR103W, YBL008 W, YGL003C, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YDR080W, Y EL056W, YER107C, YDR364C, YGL004C, YIL046W, YLR129W, YMR131C, YOR2 72W, YJL069C, YJL112W, YKL018W, YKL021C, YKL213C, YKR036C, YLL011W , YDR488C, YLR196W, YLR208W, YLR222C, YLR409C, YLR429W, YMR049C, YM
YGR231C	2	0.02524558	YGR132C
YGR232W	28	0.78317718	YFR010W, YOR117W, YKL145W, YDR363W-
YGR234W	5	1	A, YHL030W, YOR259C, YPR108W, YHR027C, YHR200W, YLR421C, YOR261C, Y IL075C, YDL097C, YDR427W, YFR052W, YDR394W, YGL048C, YER021W, YDLO
YGR238C	4	0.07065192	YAL024C, YOR371C, YAL056W
YGR241C	2	0.07030493	YNL243W
YGR249W	4	0.857217	YGL073W, YHR206W, YOR140W
YGR252W	31	0.80241817	YDR176W, YDR448W, YBR081C, YPL254W, YGL066W, YDR392W, YOL148C, YMR 223W, YMR236W, YCL010C, YBR111W-
YGR253C	16	0.77998201	A, YHR099W, YDR167W, YGL112C, YDR145W, YBR198C, YLR055C, YPL047W, Y YGL011C, YFR050C, YGR135W, YER094C, YBL041W, YOR362C, YOL038W, YMR 314W, YML092C, YOR157C, YJL001W, YPR103W, YER012W, YLR021W, YPL144
YGR254W	2	0.11150705	YHR174W
YGR258C	11	0.73579836	YDR311W, YER171W, YLR005W, YPR056W, YPL122C, YIL143C, YDR460W, YDR
YGR261C	4	0.42634198	YJL024C, YPL195W, YBR288C
YGR262C	5	0.88596264	YKR095W-A, YJL184W, YML036W, YKR038C
YGR270W	19	0.64890225	YLR357W, YKR008W, YIL126W, YLR033W, YHR056C, YLR321C, YMR091C, YML 127W, YPR034W, YMR033W, YGR275W, YGR056W, YLR399C, YBL006C, YCR052
YGR274C	9	0.3260791	YCR042C, YMR005W, YML114C, YML098W, YML015C, YMR227C, YPL011C, YER YPR034W, YMR033W, YDR073W, YBR289W, YCR052W, YGR056W, YHR056C, YIL
YGR275W	26	0.74618448	126W, YLR357W, YCR020W-
YGR278W	2	0.01736891	B, YDR303C, YKR008W, YFL049W, YLR033W, YFR037C, YLR321C, YMR091C, Y
YGR279C	2	1	YLR336C
YGR281W	10	0.9509389	YGR282C
YGR282C	2	1	YGR279C
YGR285C	2	0.02059525	YDR011W, YDR091C, YER036C, YDR406W, YOR153W, YPL226W, YNL014W, YFL

YHL002W	4	0.10614845	YNR006W, YHR108W, YDR358W
YHL003C	2	1	YKL008C
YHL004W	30	0.9173399	YNL081C, YPR166C, YPL013C, YPL118W, YKL003C, YMR188C, YMR158W, YNL306W, YIL093C, YJR101W, YOR158W, YNL137C, YJR113C, YNR037C, YER050C, YGR165W, YKL155C, YDL045W-
YHL007C	9	0.15265535	YLR229C, YJL157C, YGR152C, YJR086W, YDR309C, YOR212W, YAL041W, YHR
YHL011C	5	0.99590474	YBL068W, YER099C, YOL061W, YKL181W
YHL015W	47	0.91201569	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YBR181C, YLR048W, YJL136C, YNL096C, YML063W, YIL069C, YNL302C, YLR167W, YOR293W, YHR021C, YOR167C, YLR264W, YPR132W, YKL156W, YMR230W, YML026C, YOL121C, YPL081W, YMR143W, YML024W, YMR116C, YJR123W, YJL191W, YPL090C, YKRO
YHL019C	5	0.672327	YPL259C, YKL135C, YLR170C, YPR029C
YHL024W	24	0.37396164	YDR432W, YDR381W, YCL011C, YER165W, YDL209C, YGL044C, YGR159C, YBR212W, YJR091C, YOR361C, YPL043W, YPR042C, YPR112C, YMR302C, YNL004
YHL025W	11	0.34990367	YOR290C, YDR073W, YJL176C, YBR289W, YNR023W, YPL016W, YFL049W, YPR
YHL027W	9	0.7078761	YER169W, YDR216W, YDR253C, YDR463W, YKL062W, YMR070W, YMR182C, YPL
YHL030W	26	0.82608284	YDR363W- A, YFR052W, YGR232W, YFR010W, YDL097C, YDR427W, YDR394W, YGL048C, YER021W, YDL007W, YDL147W, YOR117W, YLR421C, YHR200W, YKL145W, YOR259C, YPR108W, YHR027C, YOR261C, YIL075C, YFR004W, YBR080C, YER162C
YHL031C	3	0.05155833	YMR197C, YLR078C
YHR001W	5	0.21820456	YDL019C, YAR042W, YHR073W, YPL145C
YHR001W-A	10	0.71708952	YDR529C, YFR033C, Q0105, YEL024W, YJL166W, YBL045C, YPR191W, YGR18
YHR004C	2	0.07187611	YAL009W
YHR005C	6	0.16897503	YJR086W, YOR212W, YJL157C, YER020W, YAL041W
YHR011W	3	1	YHR020W, YPR033C
YHR012W	5	0.61941808	YOR069W, YOR132W, YJL154C, YJL053W
YHR013C	7	0.0582699	YGR252W, YPL086C, YJL127C, YPR131C, YDR071C, YGR200C
YHR016C	23	0.51302571	YFR024C- A, YKL129C, YLR310C, YHR114W, YMR109W, YPR154W, YJL020C, YER114C, YBL007C, YBL085W, YDR388W, YCR088W, YBR200W, YDR162C, YAR014C, YHLO
YHR020W	3	1	YPR033C, YHR011W
YHR021C	46	0.95486829	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YKL156W, YBR181C, YHL015W, YBR048W, YER074W, YCR031C, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YDR450W, YDL083C, YJL136C, YJL191W, YJR123W, YIL069C, YKRO57W, YLR048W, YLR167W, YLR264W, YLR441C, YML024W, YML0
YHR023W	3	0.04331922	YAL029C, YOR326W
YHR026W	16	0.97969079	YPL234C, YLR447C, YPR036W, YGR020C, YHR039C- A, YKL080W, YOR332W, YDL185W, YEL051W, YEL027W, YBR127C, YMR054W, Y
YHR027C	31	0.83365649	YIL075C, YDR363W- A, YFR010W, YDL097C, YFR052W, YGR232W, YDR394W, YDR427W, YGL048C, YOR117W, YDL007W, YER021W, YKL145W, YOR259C, YPR108W, YLR421C, YOR261C, YHR200W, YDL147W, YHL030W, YFR004W, YEL037C, YBR080C, YER162C
YHR030C	83	0.83859995	YDR490C, YDL159W, YBL016W, YOR061W, YHR205W, YNL298W, YIL035C, YLR362W, YPL153C, YLR096W, YNL161W, YPL204W, YPL209C, YKL166C, YJL164C, YPL203W, YPR161C, YKL139W, YPL031C, YOL045W, YOL128C, YHR082C, Y
YHR031C	2	1	PL026C, YLR248W, YHR102W, YNL154C, YJL141C, YKL171W, YNR031C, YPR054W, YOL016C, YJR059W, YJL165C, YHR079C, YHR135C, YMR216C, YKL048C
YHR036W	2	1	, YOR267C, YNL020C, YMR139W, YIL095W, YOR233W, YNL307C, YOL113W, YKL101W, YLR113W, YJL128C, YMR001C, YJL187C, YPL140C, YDR122W, YGR04
YHR039C	3	1	YML061C
			YGL247W
			YMR110C, YPL061W

YHR039C-A	16	0.97969079	YEL027W, YHR026W, YPL234C, YLR447C, YPR036W, YKL080W, YOR332W, YGR020C, YDL185W, YEL051W, YBR127C, YMR054W, YOR270C, YDR202C, YJR033
YHR041C	24	0.91938236	YGL127C, YBL093C, YDR308C, YNL025C, YCR081W, YBR193C, YGL151W, YPL042C, YBR253W, YDL005C, YNL236W, YPR168W, YPR070W, YGL025C, YOR174
YHR042W	5	1	YPR048W, YGR234W, YML125C, YKL150W
YHR047C	2	1	YNL045W
YHR051W	11	0.66451625	Q0275, YMR256C, YLR395C, YNL052W, Q0250, YGL191W, YGL187C, Q0045, Y
YHR052W	2	0.00863191	YKR060W YDR303C, YCR020W-
YHR056C	19	0.60876883	B, YKR008W, YLR033W, YLR321C, YCR052W, YML127W, YIL126W, YGR056W, YLR357W, YFR037C, YBL006C, YMR091C, YPR034W, YGR275W, YMR033W, YGR2
YHR058C	24	0.89920773	YNL025C, YPL042C, YNL236W, YGL127C, YDL005C, YCR081W, YOL051W, YLR071C, YBR193C, YPR070W, YGL151W, YNR010W, YOL135C, YPR168W, YBL093
YHR060W	2	1	YKL119C
YHR062C	10	1	YBL018C, YNL282W, YAL033W, YBR257W, YBR167C, YGR030C, YNL221C, YDR
YHR064C	2	0.0214531	YGR285C
YHR066W	5	0.05142148	YOL077C, YHR088W, YKR081C, YDR312W
YHR069C	12	0.93684302	YGR195W, YDL111C, YOL142W, YGR158C, YGR095C, YOL021C, YCR035C, YNL
YHR072W	3	0.27333188	YPR176C, YGL155W
YHR073W	5	0.21820456	YDL019C, YAR042W, YHR001W, YPL145C
YHR077C	3	0.48271039	YMR080C, YGR072W YDR490C, YDL159W, YBL016W, YHR030C, YDR122W, YGR040W, YGL158W, YER129W, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YGR188C, YBR097W, YBR160W, YCL024W, YGL180W, YBL105C, YHL007C, YDR283C, YDL017W, Y
YHR079C	84	0.8390697	DL108W, YBR059C, YDL028C, YHR205W, YOL113W, YNL298W, YLR362W, YNL161W, YLR096W, YPL153C, YOR061W, YIL035C, YPL031C, YKL166C, YJL164C, YKL139W, YPL203W, YPR161C, YPL209C, YNR031C, YOL016C, YOL045W, YKL171W, YOL128C, YHR082C, YOR233W, YPL026C, YLR248W, YKL048C, YMR13
YHR079C-A	2	0.21735667	YPL121C
YHR081W	14	0.93951345	YOR001W, YOL142W, YNL232W, YOL021C, YGR195W, YDL111C, YGR158C, YGR095C, YCR035C, YHR069C, YDR280W, YDL153C, YER127W YDR490C, YDL159W, YBL016W, YHR030C, YDR122W, YGR040W, YGL158W, YER129W, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YGR188C, YBR097W, YBR160W, YCL024W, YGL180W, YBL105C, YHL007C, YDR283C, YDL017W, Y
YHR082C	84	0.82266365	DL108W, YBR059C, YDL028C, YHR079C, YOL113W, YNL298W, YCR008W, YPL209C, YHR205W, YNL161W, YPL153C, YLR362W, YLR096W, YKL166C, YJL164C, YPL203W, YOR061W, YIL035C, YPL204W, YKL139W, YNR031C, YOL016C, YOL045W, YHR135C, YOL128C, YKL171W, YPL026C, YPL031C, YHR102W, YLR24
YHR085W	3	0.14485458	YNL182C, YHR197W YBR119W, YIL061C, YDR235W, YDR240C, YGR013W, YKL012W, YLR298C, YPL178W, YOR159C, YLR116W, YPR182W, YLR275W, YLR147C, YMR125W, YGR074W, YFL017W-
YHR086W	39	0.55526875	A, YER029C, YDR432W, YDL209C, YER165W, YDL030W, YKL214C, YNL251C, Y
YHR088W	5	0.18353408	YOL077C, YKR081C, YHR066W, YDR312W
YHR090C	20	0.5297065	YOR244W, YEL018W, YNL136W, YDR359C, YFL024C, YNL107W, YPR023C, YJR082C, YGR002C, YJL081C, YFL039C, YDR485C, YBR231C, YLR385C, YML041
YHR099W	31	0.79798424	YGL066W, YDR392W, YBR081C, YMR223W, YOL148C, YDR176W, YDR448W, YGR252W, YCL010C, YMR236W, YBR111W- A, YDR167W, YPL254W, YGL112C, YDR145W, YBR198C, YLR055C, YPL047W, Y
YHR102W	3	0.22584836	YKL189W, YOR353C
YHR106W	3	1	YDR353W, YMR145C
YHR107C	6	0.1421618	YDL225W, YLR314C, YJR076C, YCR002C, YGR059W
YHR108W	3	0.18758591	YDR358W, YCL034W

YHR110W	8	0. 65463297	YML012W, YOR016C, YGL002W, YAR002C-A, YAL007C, YGL200C, YDL018C
YHR111W	5	0. 55019528	YKL210W, YER075C, YHR171W, YMR036C
YHR113W	2	1	YKL103C
			YKL129C, YHR016C, YFR024C-
YHR114W	25	0. 52977931	A, YER114C, YLR310C, YPR154W, YJL020C, YBL007C, YBL085W, YDR388W, YCR088W, YMR109W, YBR200W, YDR162C, YAR014C, YER118C, YHL002W, YMR0YPL153C, YIL131C, YNL068C, YLR016C, YLR183C, YKL034W, YPR093C, YMR247C, YNL116W, YDR369C, YDR143C, YDR313C, YDR200C, YDR501W
YHR115C	15	0. 20740142	
YHR118C	7	0. 47472117	YML065W, YNL261W, YLL004W, YPR162C, YBR060C, YJL194W
YHR119W	8	0. 40030023	YBR258C, YDR469W, YBR175W, YAR003W, YLR015W, YPL138C, YJL168C
YHR120W	6	0. 77501136	YCR092C, YDR097C, YOL090W, YFL003C, YDL154W
YHR129C	3	0. 40098921	YPL174C, YMR294W
			YDR490C, YDL159W, YBL016W, YHR030C, YDR122W, YGR040W, YGL158W, YER129W, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YGR188C, YBR097W, YHR102W, YBR160W, YLR362W, YCL024W, YGL180W, YBL105C, YOL113W, YIL035C, YOR061W, YNL298W, YHR205W, YNL161W, YHL007C, YKL139W, YLR096W, YPL153C, YPL031C, YPR161C, YKL166C, YJL164C, YPL203W, YPL209C, YOL128C, YNL154C, YPL026C, YJL141C, YLR248W, YNR031C, YOL016C, YOL045W, YPR054W, YKL171W, YOR233W, YJR059W, YKL048C, YJL165C, YOR26YBR154C, YOR210W, YPR187W, YOR224C, YDL150W, YDR045C, YDR156W, YPR110C, YNL113W, YOR151C, YGL070C, YIL021W, YDR404C, YJL140W, YOL005C, YPR010C, YJR063W, YJL148W, YNL248C, YOR340C, YOR207C, YOR341W, YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR282W, YLR312W-
YHR135C	84	0. 82885192	
YHR143W-A	35	0. 92113255	
YHR147C	42	0. 93964999	A, YPR100W, YNL185C, YMR286W, YKL138C, YNL177C, YKL170W, YOR150W, YPL183W-
			A, YJL063C, YMR193W, YDR116C, YDL202W, YKR085C, YNR022C, YGR076C, Y
YHR154W	7	0. 23975886	YDR217C, YOR005C, YMR277W, YJL090C, YGR103W, YKL108W
YHR157W	2	1	YLR329W
YHR164C	4	0. 33238356	YMR080C, YKL017C, YLR430W
YHR166C	15	0. 88159284	YBL084C, YKL022C, YGL240W, YDR260C, YDR118W, YDL008W, YFR036W, YLR102C, YIR025W, YOR249C, YLR127C, YNL172W, YGL003C, YCR060W
YHR167W	4	0. 18652442	YNL139C, YML062C, YDR138W
			YGL251C, YDL031W, YBR142W, YFL002C, YGL078C, YDL084W, YGL064C, YGL
YHR169W	32	0. 53530233	120C, YGL171W, YJL050W, YKL078W, YLR398C, YMR128W, YKR024C, YLL008W, YLR276C, YJL138C, YKR059W, YMR190C, YNL112W, YNR038W, YOR046C, Y
YHR171W	3	0. 50946387	YKL210W, YHR111W
YHR172W	3	0. 34174314	YNL126W, YLR212C
YHR174W	2	0. 11150705	YGR254W
YHR178W	12	0. 61257576	YGL013C, YKL015W, YOR337W, YDR034C, YAL051W, YDR421W, YKL038W, YLR
YHR186C	3	0. 1645931	YJR066W, YPL180W
YHR187W	6	0. 67117109	YPL101W, YLR384C, YPL086C, YMR312W, YGR200C
YHR191C	10	0. 64084636	YMR078C, YCL016C, YOL094C, YJR068W, YNL290W, YBR087W, YER173W, YOR
YHR194W	2	1	YOR147W
YHR196W	8	0. 21550696	YEL055C, YGR128C, YPL126W, YMR093W, YDR324C, YJL109C, YDR398W
YHR197W	2	0. 03675531	YHR085W
			YDR363W-
YHR200W	31	0. 83873005	A, YFR010W, YDL097C, YFR052W, YDR394W, YGR232W, YDR427W, YGL048C, YER021W, YDL007W, YOR117W, YKL145W, YOR259C, YHR027C, YPR108W, YOR261C, YLR421C, YIL075C, YDL147W, YHL030W, YFR004W, YEL037C, YBR080C

YHR205W	84	0. 82911232	YBL105C, YNL161W, YGR092W, YDR490C, YDL159W, YBL016W, YHR030C, YOR061W, YIL035C, YKL166C, YPR161C, YOL113W, YNL298W, YJL164C, YPL203W, YLR362W, YPL153C, YLR096W, YPL204W, YPL209C, YKL139W, YPL031C, YPL026C, YKL171W, YNR031C, YOL016C, YOL045W, YNL154C, YOL128C, YPR054W, YLR248W, YKL048C, YJL128C, YPL140C, YOR233W, YJL095W, YOR231W, YJL141C, YNL020C, YIL095W, YJR059W, YJL165C, YMR139W, YKL101W, YLR113W, YMR216C, YNL307C, YJL187C, YMR001C, YOR267C, YDR122W, YGR04
YHR206W	4	0. 857217	YGL073W, YGR249W, YOR140W
YHR214C-C	7	1	YCL019W, YLR410W-B, YDR365W-B, YLR227W-B, YDR210C-D, YMR045C
YIL003W	2	1	YGL091C
YIL004C	15	0. 3968217	YPL232W, YDR468C, YOR106W, YOR036W, YOL018C, YMR183C, YGL212W, YLR026C, YGL095C, YAL030W, YGR009C, YOR327C, YDR164C, YLR268W
YIL006W	9	1	YBL030C, YBR104W, YBR192W, YDL198C, YFR045W, YMR056C, YMR241W, YPR
YIL007C	2	1	YNL123W
YIL009C-A	3	1	YLR233C, YLR318W
YIL010W	4	0. 98234155	YDR453C, YBL064C, YML028W
YIL017C	7	0. 79012801	YIL097W, YDR255C, YCL039W, YGL227W, YBR105C, YMR135C
YIL021W	22	0. 51910646	YDR404C, YGL070C, YOR151C, YJL140W, YOL005C, YBR154C, YOR210W, YPR187W, YOR224C, YGL043W, YGR063C, YGR186W, YGR005C, YPR010C, YJR063
YIL022W	9	0. 66399559	YKR065C, YOR232W, YLR008C, YJL104W, YNR017W, YPL063W, YJL143W, YGR
YIL026C	7	0. 68006455	YPR007C, YJL074C, YFL008W, YDL003W, YDR180W, YER147C
YIL031W	2	1	YPL020C
YIL035C	7	0. 17729802	YOR061W, YGL019W, YOR039W, YCL031C, YGR090W, YLR223C
YIL036W	6	0. 72546484	YDR423C, YEL009C, YML007W, YIRO18W, YOR028C
YIL038C	9	0. 64716082	YPR072W, YDL165W, YGR134W, YCR093W, YER068W, YNL288W, YNR052C, YAL
YIL039W	12	0. 37286565	YDL188C, YDL134C, YDR075W, YDL047W, YKL149C, YLR361C, YLR433C, YML
YIL042C	6	0. 44997053	YNL082W, YMR167W, YLR035C, YNL088W, YPL240C
YIL046W	15	0. 25553098	YOR057W, YJR090C, YFL009W, YOL133W, YNL311C, YOR080W, YML088W, YJL149W, YLR368W, YDR219C, YJL047C, YDL132W, YDR054C, YDR328C
YIL048W	13	0. 99019214	YGL008C, YDR039C, YGL006W, YDR038C, YDR270W, YAL026C, YDR093W, YEL
YIL050W	3	0. 1111596	YOL001W, YGL134W
YIL053W	8	0. 62020766	YGL008C, YDR039C, YGL006W, YDR038C, YDR270W, YIL048W, YDL236W
YIL061C	37	0. 55493582	YHR086W, YBR119W, YDR235W, YDR240C, YGR013W, YKL012W, YLR298C, YPL178W, YLR116W, YOR159C, YPR182W, YLR275W, YMR125W, YLR147C, YGR074W, YFL017W-A, YER029C, YDR432W, YDL209C, YER165W, YDL030W, YKL214C, YNL251C, Y
YIL062C	7	0. 60254	YJR065C, YNR035C, YLR370C, YKL013C, YBR234C, YDL029W
YIL063C	3	0. 08149723	YDR002W, YLR335W
YIL068C	8	0. 65673814	YBR102C, YER008C, YJL085W, YPR055W, YDR166C, YLR166C, YGL233W
YIL069C	47	0. 95249352	YGL189C, YGR214W, YGL123W, YER074W, YER131W, YGR118W, YBR181C, YHL015W, YBR048W, YCR031C, YER102W, YDR025W, YBL072C, YMR116C, YBR189W, YNL096C, YDR064W, YDR447C, YML063W, YPL081W, YLR048W, YJL136C, YNL302C, YLR167W, YOR167C, YOR293W, YLR264W, YPR132W, YKL156W, YMR2YHR027C, YOR117W, YDR363W-A, YKL145W, YOR259C, YFR010W, YPR108W, YLR421C, YOR261C, YDL097C, YFR052W, YDR427W, YDR394W, YGR232W, YGL048C, YER021W, YDL007W, YHR200W, YDL147W, YHL030W, YFR004W, YBR080C, YER162C, YOL072W, YDR159W
YIL075C	28	0. 81574196	YNL287W, YDR238C, YPL010W, YFR051C, YDL145C, YGL137W, YER122C, YDL
YIL076W	10	0. 52433161	YJL050W, YOL115W, YDL175C, YNL299W
YIL079C	5	0. 31589255	YAL013W, YKL185W, YNL097C, YPL181W, YMR263W, YBR095C, YPL139C, YDR
YIL084C	14	0. 69116976	207C, YOL004W, YNL330C, YMR075W, YJR094C, YMR176W

YIL093C	30	0. 90758449	YDR337W, YDR041W, YER050C, YDR175C, YGR215W, YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR165W, YOR158W, YJR101W, YGR084C, YDR347W, YGL129C, YBL090W, YBR146W, YNL306W, YNL137C, Y
YIL095W	7	0. 12676751	YNL084C, YNL020C, YIR006C, YGR241C, YNL243W, YBL007C
YIL097W	7	0. 79012801	YDR255C, YGL227W, YIL017C, YMR135C, YCL039W, YBR105C
YIL105C	8	0. 37232229	YOL078W, YNL047C, YKL203C, YMR068W, YJL058C, YER093C, YNL006W
YIL106W	4	0. 05626739	YGR092W, YFL034C-B, YNL161W
YIL111W	2	0. 00968149	YNL052W
YIL112W	9	0. 59753552	YKR029C, YDR155C, YGL194C, YBR103W, YCR033W, YOL068C, YDR310C, YOR
YIL113W	5	0. 37582498	YFR028C, YBR276C, YIR026C, YNL053W
YIL115C	3	0. 35500423	YDL207W, YJL061W
YIL118W	22	0. 83912085	YGR152C, YER031C, YGL210W, YFL038C, YFL005W, YCR027C, YKR014C, YKR055W, YLR229C, YLR262C, YLR293C, YML001W, YML064C, YNL090W, YNL093
YIL123W	4	1	YJL116C, YKR042W, YNL066W
YIL126W	19	0. 62966426	YGR056W, YLR357W, YKR008W, YLR033W, YCR020W-B, YHR056C, YCR052W, YDR303C, YFR037C, YLR321C, YMR091C, YML127W, YBL006C, YGR275W, YPR034W, YMR033W, YGR270W, YLR399C
YIL131C	9	0. 17577743	YNL068C, YHR115C, YNL116W, YLR016C, YLR183C, YDR200C, YCR065W, YDR
YIL138C	2	1	YNL079C
YIL140W	2	1	YGR221C
YIL143C	11	0. 66644582	YDR311W, YER171W, YLR005W, YPR056W, YPL122C, YDL108W, YDR460W, YDR
YIL144W	4	0. 48231818	YMR117C, YER018C, YOL069W
YIL148W	22	0. 93099765	YDL130W, YDL081C, YDR382W, YKR094C, YDR418W, YDL075W, YEL054C, YDL191W, YGR085C, YDL136W, YGL030W, YLR075W, YLR340W, YLR406C, YLR448
YIL149C	2	0. 01406631	YKR095W
YIL153W	4	0. 30744952	YMR028W, YDL047W, YPL152W
YIL156W	12	0. 12239452	YDR069C, YER151C, YMR304W, YNL186W, YPL072W, YOR124C, YBR058C, YER
YIR002C	37	0. 54682244	YIL143C, YGL251C, YJL050W, YLR398C, YKL078W, YMR128W, YKR024C, YOR304W, YKR059W, YNR038W, YOR046C, YOR204W, YNL112W, YJL138C, YLR276C, YLL008W, YLR032W, YJR035W, YPL082C, YMR190C, YOR191W, YDL031W, YBR245C, YBR142W, YFL002C, YBR114W, YGL078C, YDL084W, YGL064C, YGL1
YIR005W	3	0. 16739792	YLR016C, YGL174W
YIR006C	5	0. 1839103	YNL084C, YBL007C, YGR241C, YNL243W
YIR008C	4	0. 60187019	YNL102W, YBL035C, YKL045W
YIR009W	11	0. 33451596	YNL286W, YDL030W, YPL213W, YOR319W, YMR288W, YMR240C, YML049C, YJL
YIR010W	4	0. 24546441	YAL034W-A, YPL233W, YJR112W
YIR012W	14	0. 18623778	YPR102C, YOL127W, YPL131W, YOR063W, YLR075W, YHR197W, YER006W, YGL030W, YDL136W, YNR053C, YDL191W, YGR085C, YEL054C
YIR017C	5	0. 32054073	YPL038W, YJR060W, YDR253C, YFL031W
YIR018W	6	0. 72546484	YDR423C, YEL009C, YML007W, YIL036W, YOR028C
YIR022W	3	1	YJR010C-A, YML055W
YIR025W	14	0. 89827644	YKL022C, YFR036W, YDL008W, YNL172W, YDR260C, YDR118W, YBL084C, YHR166C, YLR127C, YGL240W, YLR102C, YOR249C, YGL003C
YIR026C	5	0. 03985954	YFR028C, YNL053W, YIL113W, YBR276C
YIR033W	8	0. 3550177	YKL020C, YER111C, YDR264C, YDL019C, YAR042W, YOR034C, YLR182W
YIR037W	2	1	YBR244W
YJL001W	14	0. 77428374	YFR050C, YML092C, YER094C, YMR314W, YOL038W, YBL041W, YOR362C, YOR157C, YGR135W, YGL011C, YGR253C, YPR103W, YER012W
YJL002C	9	0. 99869898	YGL226C-
YJL005W	3	0. 11945038	YNL138W, YCL032W
YJL006C	3	0. 12955256	YKL139W, YML112W
YJL010C	6	0. 09945117	YJR091C, YPR042C, YGL014W, YGL178W, YLL013C

YJL011C	30	0.826115	YKR025W, YDR045C, YOR207C, YOR116C, YPR190C, YKL144C, YNL151C, YNR003C, YDL150W, YNL113W, YPR110C, YOR210W, YOR224C, YPR187W, YBR154C, YHR143W- A, YJL140W, YPR010C, YDR404C, YGL070C, YOR341W, YIL021W, YOR340C, Y
YJL012C	4	0.60336162	YER072W, YPL019C, YFL004W
YJL013C	4	0.20355784	YOR026W, YJL030W, YGL086W
YJL014W	5	0.76330194	YJL111W, YJR064W, YDR212W, YLR259C YHR016C, YFR024C-
YJL020C	22	0.44994561	A, YKL129C, YMR109W, YER114C, YHR114W, YBL007C, YLR310C, YPR154W, YBL085W, YCRO88W, YDR388W, YBR200W, YDR162C, YAR014C, YHL002W, YER1
YJL024C	4	0.42173975	YBR288C, YGR261C, YPL195W
YJL025W	3	1	YBL014C, YML043C
YJL029C	4	0.79555896	YKR020W, YDR484W, YDR027C
YJL030W	3	0.20279386	YJL013C, YGL086W
YJL031C	2	0.21036002	YPR176C
YJL034W	7	0.21127171	YDR057W, YLR207W, YML029W, YDR411C, YOL013C, YBR201W
YJL036W	5	0.20713835	YDL113C, YDR425W, YMR004W, YOR357C
YJL041W	4	0.30061486	YGR119C, YGL172W, YFR002W
YJL044C	10	0.77421289	YFL027C, YGR100W, YDL234C, YMR055C, YMR192W, YNL293W, YOL112W, YOR
YJL047C	13	0.4300568	YDL132W, YGR003W, YJR090C, YOR057W, YDR328C, YDR054C, YFL009W, YOL
YJL048C	6	0.53622249	YBL058W, YDR330W, YBR273C, YML013W, YMR067C
YJL050W	5	0.31681024	YOL115W, YDL175C, YIL079C, YNL299W
YJL052W	3	0.37393527	YGR192C, YJR009C
YJL053W	5	0.61941808	YOR132W, YOR069W, YJL154C, YHR012W
YJL056C	8	0.83125706	YNL027W, YGL035C, YGL209W, YDR096W, YBR066C, YMR037C, YDR043C
YJL058C	8	0.63281989	YOL078W, YMR068W, YER093C, YNL047C, YKL203C, YIL105C, YNL006W
YJL061W	3	0.38000407	YDL207W, YIL115C YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR282W, YDR115W, YDR116C, YDL202W, YGR076C, YHR147C, YCR003W, YGL068
YJL063C	42	0.98151011	W, YBR268W, YCR046C, YJL096W, YKL138C, YKL167C, YKL170W, YKR006C, YKR085C, YLR312W- A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, Y
YJL065C	7	0.2495516	YOR304W, YGL133W, YDR121W, YBR278W, YNL262W, YPR175W
YJL069C	7	0.14239215	YLR222C, YLR129W, YLR409C, YCR057C, YDR449C, YDR398W
YJL072C	4	0.22733004	YOL146W, YDR013W, YDR489W
YJL073W	11	0.44951332	YNL064C, YNL007C, YGR285C, YNL227C, YNL328C, YMR161W, YMR214W, YFL
YJL074C	7	0.537989	YFL008W, YPR007C, YIL026C, YDL003W, YDR180W, YER147C
YJL076W	6	0.20256899	YFR028C, YDL042C, YKR010C, YDR227W, YLR442C
YJL080C	4	0.01230858	YLR116W, YBL032W, YNL210W YFL039C, YGR002C, YDR190C, YNL107W, YPL235W, YFL013C, YDL002C, YDR
YJL081C	28	0.75930613	485C, YBR231C, YEL018W, YAL011W, YHR090C, YDR359C, YDR334W, YLR085C, YGL150C, YFL024C, YNL059C, YOR141C, YOR244W, YNL136W, YLR385C, Y
YJL085W	8	0.65673814	YBR102C, YIL068C, YER008C, YLR166C, YDR166C, YPR055W, YGL233W
YJL090C	2	0.07127827	YKL108W YDR490C, YDL159W, YNL298W, YLR362W, YOR061W, YNL161W, YLR096W, YPL204W, YPL209C, YKL166C, YKL139W, YJL164C, YPL203W, YPL031C, YPR161C, YOL016C, YOL045W, YOL128C, YJR059W, YPL026C, YLR248W, YJL141C, Y
YJL095W	84	0.82616977	NL154C, YJL165C, YKL171W, YPR054W, YNR031C, YOR267C, YMR216C, YOR233W, YNL307C, YKL048C, YMR139W, YNL020C, YKL101W, YPL153C, YJL187C, YMR001C, YLR113W, YJL128C, YOL113W, YBL016W, YHR205W, YOR231W, YDR122W, YPL140C, YGR040W, YHR030C, YGL158W, YER129W, YDL101C, YDR47

			YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR282W, YLR312W-
YJL096W	42	0. 97005231	A, YPR100W, YNL185C, YMR286W, YNL177C, YKL138C, YOR150W, YPL183W-A, YKL170W, YMR193W, YMR225C, YKR085C, YNR022C, YML009C, YKL167C, YMR024W, YML025C, YKR006C, YPL173W, YLR439W, YNL252C, YNL284C, YNL0
YJL098W	5	0. 37806764	YDL047W, YKR028W, YFR040W, YGL229C
YJL099W	7	0. 44203084	YKR027W, YOR299W, YMR237W, YLR330W, YDL192W, YDL137W
YJL102W	12	0. 49632299	YDR385W, YLR069C, YOR133W, YDR172W, YAL035W, YOR187W, YPR080W, YKR
YJL104W	9	0. 63559926	YLR008C, YNR017W, YIL022W, YPL063W, YGR033C, YJL143W, YOR232W, YKR
YJL109C	8	0. 26996012	YEL055C, YGR128C, YDR324C, YPL126W, YMR093W, YHR196W, YDR398W
YJL110C	3	0. 49648163	YER040W, YKR034W
YJL111W	5	0. 75999873	YDR212W, YJR064W, YJL014W, YLR259C
			YLR055C, YLR129W, YMR116C, YOR272W, YMR131C, YNL253W, YPR178W, YLR208W, YNL317W, YMR093W, YPL126W, YKL018W, YLR222C, YLR409C, YPL139
YJL112W	64	0. 44422678	C, YNL182C, YOR026W, YOR212W, YNL006W, YOR229W, YOR230W, YOR269W, YKL021C, YPL100W, YLR429W, YMR092C, YLR196W, YLL011W, YPL151C, YKL213C, YMR049C, YJL069C, YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YGL137W, YFR021W, YDL145C, YGL100W, YCLO39W, YKR036C, YC
YJL115W	2	0. 03705577	YPL153C
YJL116C	4	1	YIL123W, YKR042W, YNL066W
			YJR022W, YNL147W, YLR438C-
YJL124C	17	0. 48378926	A, YPR178W, YOR308C, YPR082C, YKL173W, YER146W, YBL026W, YER112W, YDR378C, YDR473C, YGR091W, YBR055C, YBR152W, YDL098C
YJL127C	6	0. 05128578	YGR252W, YHR013C, YDR071C, YPL086C, YPR131C
			YDR490C, YDL159W, YJL095W, YLR362W, YBL016W, YHR030C, YHR205W, YDR122W, YGR040W, YNL298W, YGL158W, YOR061W, YER129W, YNL161W, YLR096W, YPL031C, YKL166C, YJL164C, YPL204W, YPL203W, YKL139W, YPL209C, YPR161C, YOL128C, YKL171W, YPL026C, YNL154C, YJL141C, YLR248W, YNR031C, YOL016C, YPR054W, YOL045W, YOR233W, YJR059W, YJL165C, YOR267C, YMR216C, YNL307C, YNL020C, YJL187C, YKL048C, YMR139W, YMR001C, YKL101W, YPL153C, YOR231W, YPL140C, YOL113W, YDL101C, YLR113W, YDR477W, YAR019C, YGR092W, YDR507C, YIL035C, YGR188C, YBR097W, YHR102W,
YJL134W	3	1	YDR072C, YKL004W
			YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YKR057W, YBR181C, YHL015W, YBR048W, YER074W, YCR031C, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YIL069C, YDR450W, YDL083C, YJL191W, YJR123W, YKL156W, YHR021C, YLR048W, YLR167W, YLR264W, YLR441C, YML024W, YML0
YJL136C	46	0. 95486829	
YJL138C	4	0. 14013564	YKR059W, YOL139C, YGR162W
YJL140W	12	0. 28600898	YGL070C, YDR404C, YOR151C, YOL005C, YIL021W, YBR154C, YGL043W, YGR
YJL141C	7	0. 12277509	YKL166C, YJL164C, YPL203W, YDR490C, YGR086C, YPL004C
YJL143W	9	0. 63559926	YNR017W, YGR033C, YPL063W, YLR008C, YJL104W, YIL022W, YOR232W, YKR
			YDR156W, YOR340C, YPR010C, YOR341W, YJR063W, YNL248C, YNL113W, YPR110C, YOR224C, YOR210W, YPR187W, YBR154C, YHR143W-
YJL148W	33	0. 91771522	A, YOR207C, YOR116C, YOR151C, YDR404C, YGL070C, YJL140W, YGR063C, YDL150W, YIL021W, YKL144C, YGR005C, YJL011C, YNL151C, YKR025W, YNR0
YJL149W	12	0. 4368018	YOR057W, YJR090C, YOL133W, YOR080W, YML088W, YLR368W, YDR219C, YDR
YJL154C	5	0. 61941808	YOR132W, YOR069W, YHR012W, YJL053W
YJL155C	2	1	YKL152C
YJL157C	4	0. 11981753	YAL041W, YJR086W, YHR005C
YJL159W	4	1	YKL096W, YKL096W-A, YKL164C

			YJL141C, YJL164C, YDR490C, YDL159W, YJL095W, YBL016W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YGL158W, YER129W, YJL128C, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YIL035C, YGR188C, YBR097W, Y
YJR059W	84	0. 82837858	HR102W, YBR160W, YCL024W, YGL180W, YIL095W, YBL105C, YHL007C, YHR135C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YOR061W, YHR079C, YLR362W, YOL113W, YPL031C, YNL298W, YKL166C, YPL153C, YNL161W, YPL203W, YKL139W, YLR096W, YPR161C, YPL209C, YOL128C, YNL154C, YPL02
YJR060W	5	0. 23001495	YIR017C, YOR032C, YOR344C, YFR034C
YJR063W	35	0. 9647746	YDR156W, YJL148W, YPR010C, YNL248C, YOR341W, YOR340C, YNL113W, YPR110C, YOR224C, YOR210W, YPR187W, YBR154C, YHR143W- A, YGL070C, YDR045C, YOR207C, YGL043W, YOR116C, YKL144C, YNL151C, YKR025W, YNR003C, YPR190C, YOR151C, YDR404C, YGR063C, YJL140W, YGR1
YJR064W	5	0. 75999873	YJL111W, YDR212W, YJL014W, YLR259C
YJR065C	7	0. 3812443	YIL062C, YDL029W, YBR234C, YNR035C, YLR370C, YKL013C
YJR066W	3	0. 13062119	YPL180W, YHR186C
YJR068W	10	0. 6327948	YOL094C, YNL290W, YBR087W, YER173W, YHR191C, YCL016C, YMR078C, YOR
YJR072C	2	1	YOR262W
YJR075W	6	0. 93104967	YEL036C, YJL183W, YDR245W, YPL050C, YBR161W
YJR076C	6	0. 43515542	YDL225W, YCR002C, YLR314C, YHR107C, YGR059W
YJR082C	17	0. 42632607	YOR244W, YNL136W, YEL018W, YHR090C, YDR359C, YFL024C, YNL107W, YPR023C, YGR002C, YJL081C, YFL039C, YDR485C, YBR231C, YAL011W, YDR334
YJR084W	5	0. 35306358	YDR179C, YDL216C, YOL117W, YMR025W
YJR086W	5	0. 19583209	YOR212W, YHR005C, YJL157C, YAL041W
YJR089W	2	0. 04417263	YBR156C
YJR090C	10	0. 46065408	YOL133W, YDL132W, YDR328C, YJL149W, YDR054C, YOR057W, YJL047C, YMLYPR042C, YGR159C, YDR432W, YDR381W, YCL011C, YER165W, YJL010C, YDL
YJR091C	28	0. 38761411	209C, YGL014W, YGL044C, YGL178W, YBR212W, YPL043W, YOR361C, YPR112C, YMR302C, YNL004W, YNL110C, YNL197C, YNL251C, YOL041C, YOL123W, Y
YJR092W	13	0. 15476352	YER114C, YIL105C, YOL113W, YNL298W, YBL085W, YLR425W, YPL115C, YNL
YJR093C	20	0. 77983781	YOR179C, YLR277C, YLR115W, YGR156W, YPR107C, YKR002W, YNL222W, YDR195W, YNL317W, YKL059C, YAL043C, YDR301W, YKL018W, YER133W, YDR228
YJR094C	14	0. 76461201	YDR207C, YKL185W, YNL097C, YMR263W, YPL181W, YPL139C, YOL004W, YNL330C, YMR075W, YIL084C, YBR095C, YAL013W, YMR176W
YJR096W	2	1	YPL088W
YJR101W	30	0. 90758449	YDR337W, YDR041W, YER050C, YDR175C, YGR215W, YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YKL003C, YGR165W, YOR158W, YIL093C, YGR084C, YDR347W, YGL129C, YBL090W, YBR146W, YNL306W, YNL137C, Y
YJR102C	3	0. 59211047	YPL002C, YLR417W
YJR112W	4	0. 39903861	YPL233W, YAL034W-A, YIR010W
YJR113C	30	0. 90758449	YNL081C, YPR166C, YMR188C, YPL013C, YPL118W, YMR158W, YKL003C, YOR158W, YNL306W, YDR041W, YNL137C, YDR337W, YGR165W, YDR175C, YGR215W, YER050C, YIL093C, YJR101W, YGR084C, YDR347W, YGL129C, YBR146W, Y
YJR123W	47	0. 92414888	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YBR181C, YJL191W, YHL015W, YBR048W, YER074W, YCR031C, YLR048W, YNL096C, YPL081W, YLR167W, YNL302C, YOR293W, YPR132W, YOR167C, YLR264W, YKL156W, YMR230W, YML026C, YOL121C, YMR143W, YML063W, YPL090C, YOL040C, YKR057W, YML0
YJR125C	5	0. 15010686	YDL161W, YLL038C, YLR206W, YDR153C
YJR132W	8	0. 69393745	YGL238W, YGR218W, YER110C, YGL241W, YDR395W, YLR347C, YPL125W
YJR135C	3	0. 1619305	YPR046W, YLR381W
YJR140C	3	0. 16132729	YOR038C, YBR215W
YKL002W	6	0. 6806035	YMR077C, YLR025W, YKL041W, YDR486C, YKR035W-A

YKL003C	30	0. 9173399	YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YHL004W, YJR101W, YIL093C, YGR084C, YDR347W, YGL129C, YBL090W, YBR146W, YGR165W, YNL081C, YPR166C, YMR188C, YBR251W, YMR158W, YPL013C, YPL118W, Y
YKL004W	3	1	YDR072C, YJL134W
YKL005C	26	0. 39309142	YNL031C, YMR075W, YPR031W, YHR090C, YOR064C, YPL138C, YMR176W, YKR029C, YBL052C, YNL136W, YBR258C, YOR244W, YPR023C, YHR119W, YAR003W, YDR469W, YBR175W, YDR359C, YJR082C, YEL018W, YFL024C, YGR002C, Y
YKL008C	2	1	YHL003C
YKL009W	7	0. 15955459	YLR340W, YOL039W, YML073C, YDL081C, YDL130W, YDR382W
YKL010C	2	0. 15704508	YDR457W
YKL012W	35	0. 57741498	YDR235W, YDR240C, YIL061C, YHR086W, YGR013W, YLR298C, YBR119W, YOR159C, YLR275W, YPR182W, YLR116W, YPL178W, YLR147C, YMR125W, YGR074W, YFL017W-
YKL013C	7	0. 59523972	A, YER029C, YIR009W, YDR432W, YDL030W, YDL209C, YJL203W, YOR319W, Y
YKL014C	4	0. 29885984	YIL062C, YNR035C, YLR370C, YBR234C, YJR065C, YDL029W
YKL015W	12	0. 61257576	YNR038W, YOL144W, YLR221C
YKL016C	15	0. 91503201	YGL013C, YHR178W, YOR337W, YDR034C, YAL051W, YDR421W, YKL038W, YLR295C, YML081C-A, YOL077W-
YKL017C	3	0. 33238356	A, YPR020W, YPL271W, Q0130, YDR377W, YBL099W, Q0080, Q0085, YDR298C
YKL018W	27	0. 78393639	YHR164C, YLR430W
YKL020C	8	0. 17859259	YNL317W, YBR175W, YAR003W, YOR179C, YLR277C, YLR115W, YPR107C, YKR002W, YNL222W, YKL059C, YDR469W, YBR258C, YHR119W, YGR156W, YJR093C, YDR195W, YAL043C, YDR301W, YLR015W, YER133W, YPL138C, YDR228C, Y
YKL021C	61	0. 48738071	YIR033W, YER111C, YDR264C, YDL019C, YOR034C, YLR182W, YAR042W
YKL022C	15	0. 89850575	YJL112W, YJL069C, YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YNL182C, YDR267C, YGL137W, YFR021W, YDL145C, YGL100W, YKL018W, YCL039W, YMR093W, YPL126W, YCR084C, YLR129W, YLR222C, YLR409C, YLR208W, YNL253W, YMR131C, YNL006W, YOR212W, YOR026W, YOR229W, YOR230W, YOR269W, YPL100W, YKR036C, YLR429W, YMR092C, YKL213C, YPL151C, YLL011W, YLR196W, YOR272W, YIL046W, YFL009W, YBR103W, YBL008W, YGL213C, YBYBL084C, YHR166C, YDR260C, YDR118W, YIR025W, YGL240W, YDL008W, YFR036W, YOR249C, YLR102C, YNL172W, YLR127C, YGL003C, YCR060W
YKL025C	2	0. 77777779	YGL094C
YKL028W	3	0. 12743472	YKR062W, YPR086W
YKL032C	6	0. 11718619	YPR065W, YMR072W, YPR052C, YBR089C-A, YDR174W
YKL034W	6	0. 38092714	YHR115C, YDR143C, YDR313C, YMR247C, YPR093C
YKL038W	13	0. 34869042	YOR337W, YMR168C, YLR451W, YOR363C, YOR172W, YDR034C, YHR178W, YKL
YKL041W	6	0. 6806035	YMR077C, YLR025W, YKL002W, YDR486C, YKR035W-A
YKL042W	7	0. 66048624	YNL225C, YPL124W, YDR356W, YBR109C, YAL047C, YDL239C
YKL043W	3	0. 13167222	YER111C, YMR016C
YKL045W	4	0. 60187019	YNL102W, YBL035C, YIR008C
YKL048C	83	0. 84108713	YJL141C, YJL164C, YDR490C, YDL159W, YJL095W, YBL016W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YGL158W, YOL113W, YNL298W, YLR362W, YNL161W, YLR096W, YOR061W, YPL204W, YKL139W, YPL209C, YKL166C, YPL203W, YPR161C, YPL031C, YLR248W, YOR267C, YPL026C, YKL171W, YNR031C, YOL016C, YOL045W, YNL154C, YPR054W, YOL128C, YOR233W, YMR216C, YNL020C, YNL307C, YLR113W, YPL140C, YOR231W, YMR001C, YER129W, YMR139W, YPL153C, YKL101W, YJL128C, YDL101C, YDR477W, YAR019C, YGR09
YKL049C	14	0. 33959393	YNL031C, YNL030W, YOL012C, YDR225W, YBL002W, YDR224C, YBL003C, YBR010W, YBR009C, YAL019W, YER030W, YDL074C, YBL025W
YKL052C	10	0. 86556281	YBR233W-A, YGL061C, YDR016C, YDR320C-A, YKL138C-
YKL054C	5	0. 18214997	YJR035W, YML097C, YMR264W, YDR273W
YKL057C	12	0. 4143494	YGL100W, YJR042W, YGL092W, YDL116W, YER105C, YBL079W, YDL088C, YMR

YKL058W	2	0.05888176	YOR194C
YKL059C	20	0.77983781	YOR179C, YLR277C, YLR115W, YKR002W, YPR107C, YNL317W, YNL222W, YGR156W, YDR195W, YJR093C, YAL043C, YDR301W, YKLO18W, YER133W, YDR228
YKL062W	9	0.7078761	YER169W, YDR216W, YPL038W, YMR182C, YMR070W, YDR253C, YHL027W, YDR
YKL068W	17	0.59402098	YGL092W, YMR047C, YGL172W, YGR119C, YJR042W, YKLO57C, YER105C, YBL079W, YGL100W, YDL116W, YFR002W, YJL041W, YJL061W, YKR082W, YMR153
YKL078W	32	0.53530233	YGL120C, YMR128W, YGL251C, YDL031W, YBR142W, YFL002C, YGL078C, YJL050W, YJL138C, YDL084W, YGL064C, YGL171W, YLR398C, YKR024C, YLL008
YKL079W	6	0.67930755	W, YLR276C, YHR169W, YKR059W, YMR190C, YNL112W, YNR038W, YOR046C, Y
YKL080W	16	0.95030804	YGL216W, YPL155C, YPR141C, YEL061C, YBL063W
YKL088W	2	1	YEL027W, YHR026W, YPL234C, YGR020C, YHR039C-
YKL092C	7	0.06429291	A, YPR036W, YLR447C, YDL185W, YEL051W, YOR332W, YBR127C, YMR054W, Y
YKL096W	4	1	YKR072C
YKL096W-A	4	1	YBL105C, YER125W, YHR205W, YPL242C, YOL081W, YNL152W
YKL101W	83	0.8223604	YJL159W, YKL096W-A, YKL164C
YKL103C	2	1	YJL159W, YKL096W, YKL164C
YKL108W	2	0.10875684	YJL141C, YJL164C, YDR490C, YDL159W, YJL095W, YBL016W, YHR030C, YHR
YKL112W	4	0.30269353	205W, YJL187C, YDR122W, YGR040W, YGL158W, YOL113W, YOR061W, YNL298
YKL113C	5	0.18571608	W, YLR362W, YNL161W, YLR096W, YPL204W, YKL139W, YKL166C, YPL203W, Y
YKL119C	2	1	PL209C, YPR161C, YPL031C, YLR248W, YPL026C, YKL171W, YNR031C, YOLO
YKL122C	6	0.97919677	16C, YOLO45W, YNL154C, YPR054W, YOL128C, YNL020C, YMR216C, YOR267C
YKL124W	2	0.01318167	, YOR233W, YPL140C, YNL307C, YLR113W, YOR231W, YMR001C, YPL153C, YM
YKL129C	32	0.58348816	R139W, YER129W, YKL048C, YJL128C, YDL101C, YDR477W, YAR019C, YGR09
YKL135C	5	0.40271696	YHR113W
YKL138C	42	0.98151011	YJL090C
YKL138C-A	10	0.8958288	YBR114W, YJR052W, YPL046C
YKL139W	3	0.17254426	YGR258C, YNL085W, YOR033C, YER041W
YKL140W	2	1	YHR060W
YKL143W	5	0.37109345	YPL243W, YPR088C, YDL092W, YPL210C, YML105C
YKL144C	32	0.86725805	YGL227W
YKL145W	31	0.82290133	YMR109W, YNR035C, YHR114W, YLR370C, YHR016C, YFR024C-
YKL149C	12	0.37286565	A, YJL020C, YER114C, YDR388W, YLR310C, YBL007C, YPR154W, YCR088W, Y
			BL085W, YOR326W, YBR200W, YDR162C, YAR014C, YAL029C, YHL002W, YER1
			18C, YHR023W, YCR009C, YKL013C, YDL029W, YBR234C, YJR065C, YIR006C
			YHL019C, YPL259C, YPR029C, YLR170C
			YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR
			282W, YJL096W, YDR116C, YDL202W, YGR076C, YHR147C, YDR115W, YCR003
			W, YBR268W, YCR046C, YJL063C, YGL068W, YKL167C, YKL170W, YKR006C, Y
			KR085C, YLR312W-
			A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, Y
			YBR233W-A, YGL061C, YDR016C, YDR320C-
			YJL006C, YML112W
			YBR177C
			YBR077C, YGR163W, YML121W, YKR007W
			YDR045C, YNL151C, YJL011C, YOR207C, YKR025W, YOR116C, YPR190C, YDL
			150W, YNR003C, YNL113W, YPR110C, YOR210W, YOR224C, YPR187W, YBR154
			C, YHR143W-
			A, YDR404C, YOR340C, YJR063W, YPR010C, YOR341W, YGL070C, YJL140W, Y
			YDR394W, YOR117W, YGL048C, YDL007W, YOR259C, YDR363W-
			A, YFR010W, YIL075C, YDL097C, YFR052W, YGR232W, YDR427W, YPR108W, Y
			ER021W, YLR421C, YOR261C, YHR027C, YHR200W, YDL147W, YHL030W, YFR0
			04W, YBR080C, YEL037C, YER143W, YER162C, YOL072W, YDR159W, YPR045C
			YDL188C, YDL134C, YDR075W, YDL047W, YIL039W, YLR361C, YLR433C, YML

YKL150W	5	1	YGR234W, YML125C, YHR042W, YPR048W
YKL152C	2	1	YJL155C
YKL154W	2	0.77777779	YDR292C
YKL155C	30	0.97371184	YNL081C, YPR166C, YPL013C, YMR188C, YPL118W, YMR158W, YOR158W, YNL306W, YNL137C, YGR165W, YJR101W, YIL093C, YDR347W, YGL129C, YGR084C, YBR146W, YBL090W, YNR037C, YDL045W-
YKL156W	46	0.94659785	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YHR021C, YBR181C, YJL191W, YHL015W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YIL069C, YDR450W, YLR048W, YML026C, YLR441C, YNL302C, YLR167W, YOR293W, YPL081W, YOR096W, YPR1
YKL164C	4	1	YJL159W, YKL096W, YKL096W-A
YKL165C	2	1	YLL031C
YKL166C	60	0.47903534	YJL164C, YPL203W, YJL141C, YDR490C, YPR054W, YMR139W, YMR216C, YNL307C, YOR267C, YMR001C, YLR113W, YDL159W, YJL095W, YBL016W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YGL158W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YIL035C, YGR188C, YBR097W, YHR102W, YBR160W, YCL024W, YGL180W, YIL095W, YDR237W, YDR322W, YBR122C, YDR462W, YCR071C, YDR405W, YBL038W, YBR282W, YPR100W, YLR312W-
YKL167C	42	0.93964999	A, YNL185C, YMR286W, YKL170W, YOR150W, YPL183W-A, YNL177C, YMR193W, YMR225C, YKR085C, YNR022C, YNL284C, YMR024W, YNL252C, YNL005C, YPL173W, YLR439W, YKR006C, YML009C, YML025C, YJL0YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YBR282W, YKL167C, YJL096W, YDL202W, YGR076C, YHR147C, YDR115W, YDR116
YKL170W	42	0.98151011	C, YCR003W, YCR046C, YJL063C, YGL068W, YKL138C, YBR268W, YKR006C, YKR085C, YLR312W-A, YLR439W, YML009C, YML025C, YMR024W, YMR193W, YMR225C, YMR286W, YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YGL158W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YIL035C, YGR188C, Y
YKL171W	82	0.79428403	BR097W, YHR102W, YBR160W, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJL165C, YJR059W, YCR008W, YHR082C, YER123W, YNL298W, YOL113W, YLR362W, YNL161W, YFL033C, YLR096W, YPL153C, YFL029C, YAR01YPR082C, YDL098C, YBR152W, YBR055C, YDR473C, YGR091W, YOR159C, YPR
YKL173W	32	0.63941651	182W, YLR147C, YPR178W, YLR275W, YOR308C, YJR022W, YDR378C, YBL026W, YER112W, YFL017W-A, YER146W, YER029C, YNL147W, YLR438C-
YKL181W	5	0.99590474	YOL061W, YER099C, YBL068W, YHL011C
YKL185W	14	0.64283271	YIL084C, YAL013W, YBR095C, YDR207C, YPL181W, YMR263W, YNL097C, YPL139C, YNL330C, YOL004W, YJR094C, YMR075W, YMR176W
YKL186C	2	0.03502417	YPL169C
YKL189W	3	0.24770741	YHR102W, YOR353C
YKL190W	3	0.20935755	YLR433C, YML057W
YKL193C	19	0.65007202	YER133W, YJL005W, YOR353C, YBR050C, YOR179C, YPR107C, YLR277C, YLR115W, YKR002W, YNL222W, YDR028C, YDR195W, YGR156W, YKL059C, YJR093
YKL196C	13	0.31248496	YLR268W, YOR327C, YAL030W, YLR093C, YPL232W, YMR183C, YOR036W, YOL
YKL203C	8	0.61492695	YIL105C, YJL058C, YER093C, YNL047C, YOL078W, YMR068W, YNL006W
YKL205W	2	0.0909382	YOR160W
YKL210W	3	0.50946387	YHR171W, YHR111W

YKL213C	61	0.46786225	YJL112W, YJL069C, YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YGL137W, YFR021W, YDL145C, YGL100W, YKL018W, YCL039W, YCR084C, YKL021C, YIL046W, YFL009W, YBR103W, YBL008W, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YNL317W, YIR012W, YDR080W, YLR129W, YPL126W, YMR093W, YOR272W, YMR131C, YLR409C, YLR222C, YNL253W, YLR208W, YNL182C, YPL139C, YOR212W, YNL006W, YOR230W, YOR269W, YLR429W, YPYNL253W, YPR112C, YPL043W, YOR361C, YPR042C, YMR302C, YNL197C, YOL041C, YNL110C, YOL123W, YNL251C, YPL190C, YNL004W, YDR432W, YDR381W, YCL011C, YER165W, YDL209C, YGL044C, YGR159C, YBR212W, YJR091C, YLL001W, YOR211C
YKL214C	25	0.28700281	YOR179C, YLR277C, YLR115W, YGR156W, YNL317W, YPR107C, YNL222W, YDR195W, YKL059C, YJR093C, YAL043C, YDR301W, YKL018W, YER133W, YDR228YDR237W, YDR322W, YBR122C, YDR462W, YCR071C, YPR100W, YLR312W-
YKR001C	3	1	A, YNL185C, YMR286W, YOR150W, YPL183W-
YKR002W	20	0.77983781	A, YNL177C, YMR193W, YMR225C, YKR085C, YNR022C, YNL284C, YNL252C, YNL005C, YML009C, YBL038W, YMR024W, YDR405W, YPL173W, YLR439W, YBR2YGR163W, YBR077C, YML121W, YKL143W
YKR006C	42	0.93964999	YGR056W, YLR357W, YLR033W, YCR020W-
YKR007W	5	0.65294292	B, YIL126W, YHR056C, YBL006C, YCR052W, YDR303C, YFR037C, YLR321C, YMR091C, YML127W, YPR034W, YGR275W, YMR033W, YGR270W, YLR399C
YKR008W	19	0.65364733	YJL076W, YFR028C, YDL042C
YKR010C	4	0.11877585	YLR229C, YKR055W, YNL090W, YNL180C, YNL304W, YPR165W, YOR101W, YNL098C, YML064C, YLR262C, YLR293C, YML001W, YOR089C, YNL093W, YGR152
YKR014C	24	0.72621072	YJL029C, YDR484W, YDR027C
YKR020W	4	0.85283544	YLR424W
YKR022C	2	0.02999088	YFL002C, YGL251C, YDL031W, YBR142W, YJL050W, YNR038W, YMR128W, YLR398C, YKR059W, YMR190C, YOR046C, YNL112W, YOR204W, YLR276C, YLL008W, YJL138C, YGL078C, YDL084W, YGL064C, YGL120C, YGL171W, YKL078W, YJL011C, YNL151C, YDR045C, YOR207C, YPR190C, YOR116C, YDL150W, YKL144C, YNR003C, YNL113W, YPR110C, YOR210W, YOR224C, YPR187W, YBR154C, YHR143W-
YKR024C	32	0.51169018	A, YJR063W, YPR010C, YOR341W, YDR404C, YGL070C, YJL140W, YOR340C, Y
YKR025W	30	0.826115	YLR291C, YGR083C, YDR211W, YOR260W, YJR007W, YPR041W
YKR026C	7	0.79644826	YOR299W, YMR237W, YJL099W, YLR330W, YDL192W, YDL137W
YKR027W	7	0.53379004	YDL047W, YJL098W, YFR040W, YGL229C
YKR028W	5	0.25749272	YDR155C, YGL194C, YBR103W, YIL112W, YCR033W, YOL068C, YDR310C, YJL
YKR029C	10	0.41699469	YKL185W, YER040W, YJL110C
YKR034W	4	0.05511076	YMR077C, YLR025W, YKL002W, YKL041W, YDR486C
YKR035W-A	6	0.6740381	YLR055C, YLR129W, YMR116C, YOR272W, YMR131C, YNL253W, YPR178W, YLR208W, YMR093W, YPL126W, YNL317W, YLR222C, YLR409C, YPL139C, YNL182C, YOR026W, YOR212W, YNL006W, YOR230W, YOR269W, YLR196W, YPL100W, YLR429W, YMR092C, YOR229W, YPL151C, YLL011W, YMR049C, YJL069C, YER082C, YAR003W, YDR324C, YBR175W, YCR057C, YDR267C, YGL137W, YFR021W, YDL145C, YGL100W, YKL018W, YCL039W, YJL112W, YCR084C, YKL021C, YI
YKR036C	64	0.44422678	YGL061C, YDR320C-A, YDR016C, YKL138C-
YKR037C	10	0.86556281	YKR095W-A, YJL184W, YML036W, YGR262C
YKR038C	5	0.88596264	YIL123W, YJL116C, YNL066W
YKR042W	4	1	YNL246W, YLL002W
YKR048C	3	0.73973993	YMR299C, YLR106C
YKR054C	3	0.08446207	YKR014C, YER031C, YGR152C, YLR229C, YGL210W, YLR262C, YML001W, YNL090W, YNL098C, YNL180C, YNL304W, YOR101W, YML064C, YLR293C, YPR165
YKR055W	22	0.70866436	

YKR057W	47	0.95457316	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YJL136C, YBR181C, YLR048W, YJL191W, YHL015W, YNL096C, YML063W, YNL302C, YLR167W, YOR293W, YOR167C, YLR264W, YPR132W, YMR230W, YML026C, YOL121C, YML024W, YMR143W, YPL081W, YMR116C, YPL090C, YLR441C, YOR096W, YOL040C, YNL1
YKR059W	3	0.07533381	YOL139C, YGR162W
YKR060W	2	0.00963617	YHR052W
YKR062W	2	0.11157189	YKL028W
YKR065C	9	0.63559926	YLR008C, YIL022W, YOR232W, YJL104W, YNR017W, YPL063W, YGR033C, YJL
YKR068C	11	1	YOR115C, YDR472W, YDR108W, YBR254C, YMR218C, YDR246W, YML077W, YDR
YKR072C	2	1	YKL088W
YKR081C	5	0.10675277	YHR088W, YOL077C, YHR066W, YDR312W
YKR082W	17	0.55104683	YLR208W, YER105C, YBL079W, YMR047C, YDL088C, YJR042W, YGL100W, YGL092W, YKL057C, YDL116W, YKL068W, YGL172W, YMR153W, YFR002W, YJL041
YKR083C	10	0.8958288	YBR233W-A, YGL061C, YDR016C, YDR320C-A, YKL138C-
YKR084C	14	0.28147446	YDR385W, YLR069C, YOR133W, YOR187W, YPR080W, YBR118W, YDR172W, YAL035W, YJL102W, YPL217C, YOL023W, YOR076C, YBR143C YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YKR006C, YBR282W, YKL167C, YJL096W, YLR312W-
YKR085C	42	0.93964999	A, YPR100W, YNL185C, YMR286W, YOR150W, YPL183W- A, YNL177C, YMR193W, YDR115W, YDR116C, YDL202W, YNR022C, YGR076C, YHR147C, YMR225C, YML009C, YMR024W, YNL252C, YNL284C, YML025C, YPL1
YKR094C	22	0.93099765	YDL130W, YDL081C, YDR382W, YIL148W, YDR418W, YDL075W, YEL054C, YDL191W, YGR085C, YDL136W, YGL030W, YLR075W, YLR340W, YLR406C, YLR448
YKR095W	2	0.02560507	YIL149C
YKR095W-A	5	0.97595579	YML036W, YKR038C, YJL184W, YGR262C
YKR099W	8	0.0469356	YCR033W, YJL176C, YFR037C, YDR448W, YER088C, YMR213W, YNL216W
YLL001W	3	1	YKR001C, YOR211C
YLL002W	3	0.0789498	YNL246W, YKR048C
YLL004W	7	0.64103769	YML065W, YNL261W, YPR162C, YHR118C, YBR060C, YJL194W
YLL006W	4	0.40697284	YOL009C, YAL010C, YNL026W YGL251C, YKR059W, YNR038W, YBR142W, YMR128W, YDL031W, YLR398C, YMR
YLL008W	32	0.509785	190C, YOR046C, YOR204W, YNL112W, YLR276C, YJL050W, YFL002C, YKR024C, YJL138C, YGL078C, YDL084W, YGL064C, YGL120C, YGL171W, YKL078W, Y
YLL010C	2	0.10622287	YOR043W
YLL011W	9	0.18063328	YLR129W, YLR222C, YLR409C, YJL069C, YER082C, YCR057C, YDR398W, YDR
YLL013C	4	0.22958242	YGL014W, YGL178W, YJL010C
YLL021W	3	0.1921633	YLR319C, YER149C
YLL022C	2	0.03550481	YEL056W
YLL024C	13	0.16792837	YLR369W, YNL209W, YBR169C, YHR064C, YPL106C, YDL229W, YJL034W, YAL
YLL026W	3	0.08565375	YDR258C, YBR227C
YLL027W	2	1	YPR067W
YLL031C	2	1	YKL165C
YLL034C	18	0.31433414	YJR068W, YER017C, YLL026W, YDL126C, YOR217W, YGR270W, YBL022C, YML065W, YMR089C, YOL094C, YNL290W, YPR024W, YMR078C, YNL329C, YPR173
YLL038C	5	0.59751673	YDL161W, YJR125C, YDR153C, YLR206W
YLL039C	12	0.22958886	YML029W, YMR276W, YNR032C-
YLL042C	5	0.99806217	YMR159C, YPL149W, YNR007C, YBR217W
YLR002C	3	0.16549881	YOR206W, YDR060W
YLR005W	11	0.67916524	YER171W, YPR056W, YDR311W, YPL122C, YIL143C, YDR079C-
YLR007W	7	0.9011706	YML023C, YEL019C, YER038C, YOL034W, YDR288W, YLR383W
YLR008C	9	0.80069388	YJL104W, YKR065C, YJL143W, YIL022W, YGR033C, YPL063W, YNR017W, YOR
YLR015W	7	0.47964864	YDR469W, YPL138C, YBR175W, YBR258C, YAR003W, YHR119W
YLR016C	2	0.22621394	YGL174W

YLR021W	6	0.13350485	YOL038W, YML092C, YPL144W, YGR253C, YGR135W
YLR024C	2	1	YGR184C
YLR025W	6	0.89114988	YKL002W, YKL041W, YMR077C, YKR035W-A, YDR486C
YLR026C	19	0.48617001	YPL232W, YDR468C, YOR106W, YMR183C, YOR036W, YOL018C, YGL212W, YIL004C, YGL095C, YAL030W, YGR009C, YDR164C, YOR327C, YKL196C, YLR268YBR114W, YBR245C, YOR290C, YOR304W, YPL082C, YOR191W, YGL150C, YDR334W, YER164W, YIL126W, YAL019W, YBR073W, YFR038W, YJR035W, YGL163C, YGL251C, YER116C, YIR002C, YDL031W, YKR059W, YBR142W, YLL008W, YCR066W, YMR128W, YLR398C, YNR038W, YNL112W, YOR046C, YOR204W, YLR276C, YFLO02C, YMR190C, YJL050W, YKR024C, YJL138C, YGL078C, YDL084WYGR056W, YLR357W, YKR008W, YIL126W, YHR056C, YBL006C, YCR052W, YCR020W-
YLR032W	50	0.49402151	
YLR033W	19	0.68482853	020W-
YLR035C	6	0.26987842	YMR167W, YNL082W, YNL088W, YPL240C, YIL042C
YLR039C	2	0.19849613	YDR137W
YLR043C	7	0.76569469	YER174C, YDR098C, YGR209C, YCL043C, YOL088C, YOR288C
YLR048W	46	0.91428542	YGR214W, YGL189C, YGL123W, YER131W, YGR118W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YIL069C, YDR450W, YKL156W, YDL083C, YHR021C, YJL136C, YLR167W, YLR264W, YLR441C, YML024W, YML0YOR189W, YFL013C, YNL059C, YOR141C, YDL002C, YGL150C, YPL235W, YDRYCL010C, YPL047W, YBR111W-
YLR052W	12	0.35468929	
YLR055C	31	0.76259415	A, YMR223W, YOL148C, YGL066W, YDR392W, YBR081C, YMR236W, YPL254W, YDR176W, YBR198C, YDR448W, YGR252W, YDR167W, YGL112C, YDR145W, YHR099W, YER164W, YER148W, YGR274C, YCR042C, YML098W, YMR005W, YML114C
YLR056W	2	1	YGR060W
YLR067C	2	1	YJL209W
YLR069C	13	0.58273514	YDR385W, YOR133W, YJL102W, YKR084C, YBR118W, YDR172W, YAL035W, YORYGL127C, YCR081W, YNL025C, YBR193C, YGL151W, YBL093C, YHR058C, YPL042C, YDR308C, YBR253W, YDL005C, YGL025C, YNL236W, YHR041C, YOL051
YLR071C	24	0.923265	
YLR074C	3	0.02078402	YDL030W, YNL227C
YLR075W	24	0.82491991	YDL130W, YDL081C, YDR382W, YDR418W, YDL075W, YEL054C, YOL039W, YLR406C, YML073C, YPR102C, YLR448W, YOL127W, YLR340W, YPL131W, YOR063
YLR078C	3	0.05155833	YMR197C, YHL031C
YLR080W	2	1	YFL048C
YLR085C	20	0.57485675	YDR485C, YBR231C, YLR385C, YAL011W, YDR334W, YML041C, YNL107W, YPL235W, YGR002C, YDR190C, YFL039C, YJL081C, YFL013C, YDL002C, YLR052
YLR086W	5	0.62722919	YFR031C, YDR325W, YBL097W, YLR272C
YLR093C	13	0.43110013	YLR148W, YMR231W, YLR396C, YPL045W, YKL196C, YDR189W, YHL031C, YDRYMR044W, YFR013W
YLR095C	3	0.04935075	
YLR096W	83	0.84125852	YDR122W, YJL141C, YKL166C, YJL164C, YDR490C, YJL187C, YDL159W, YJL095W, YBL016W, YHR030C, YHR205W, YGR040W, YGL158W, YOL113W, YNL298W, YPL153C, YNL161W, YLR362W, YPL204W, YOR061W, YPL209C, YPL203W, YPR161C, YLR248W, YPL026C, YPL031C, YMR216C, YNR031C, YOL016C, YOLO45W, YNL154C, YPR054W, YOL128C, YOR267C, YMR139W, YLR113W, YNL020C, YPL140C, YOR231W, YNL307C, YMR001C, YKL101W, YOR233W, YKL048C, YER129W, YJL128C, YDL101C, YDR477W, YAR019C, YGR092W, YDR507C, YIL03YFR036W, YDL008W, YNL172W, YHR166C, YDR260C, YDR118W, YBL084C, YKL022C, YIR025W, YGL240W, YLR127C, YOR249C, YGL003C
YLR102C	14	0.89827644	
YLR106C	2	0.01326044	YKR054C
YLR107W	3	0.29999999	YGL094C, YOL080C

YLR113W	83	0. 80194146	YJL141C, YKL166C, YOR061W, YJL164C, YDR490C, YJL095W, YBL016W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YLR096W, YNL298W, YOL113W, YKL101W, YKL048C, YER129W, YLR362W, YDL101C, YGL158W, YJL128C, YDR477W, YPL031C, YAR019C, YPL153C, YNL161W, YPL203W, YPL204W, YPR161C, YPL209C, YNR031C, YOL016C, YOL045W, YLR248W, YOL128C, YNL154C, YPR054W, YPL026C, YOR233W, YOR267C, YNL020C, YMR139W, YNL307C, YMR216C, YPL140C, YOR231W, YMR001C, YGR092W, YDR507C, YIL035C, YGR18YLR277C, YOR179C, YKR002W, YGR156W, YJR093C, YDR195W, YNL317W, YKL059C, YPR107C, YNL222W, YAL043C, YDR301W, YKL018W, YER133W, YDR228YPL178W, YMR125W, YLR298C, YDR235W, YIL061C, YDR240C, YHR086W, YGR013W, YKL012W, YBR119W, YOR159C, YPR182W, YLR275W, YLR147C, YGR074W, YFL017W-
YLR115W	20	0. 77983781	A, YER029C, YIR009W, YDR432W, YDL030W, YJL203W, YDL209C, YJL080C, Y
YLR116W	39	0. 57865507	YBR188C, YGR129W, YPR101W, YMR213W
YLR117C	5	0. 3165191	YPL065W, YGR206W, YCL008C
YLR119W	4	0. 69696583	YFR036W, YNL172W, YDR260C, YDR118W, YBL084C, YKL022C, YOR249C, YIR025W, YGL240W, YHR166C, YLR102C, YDL008W, YGL003C
YLR127C	14	0. 87591005	YLR409C, YLR222C, YJL069C, YCR057C, YDR449C, YDR398W
YLR129W	7	0. 18915056	YBR228W
YLR135W	2	0. 08744514	YDR151C
YLR136C	2	1	YDR456W
YLR138W	2	1	YOR295W, YMR270C, YBL025W
YLR141W	4	0. 30762891	YNL282W, YDR478W, YNL221C, YBR167C, YBL018C, YAL033W, YBR257W, YGRYOR159C, YLR275W, YFL017W-
YLR145W	10	1	A, YPR182W, YGR074W, YER029C, YGR013W, YBR119W, YIL061C, YDR235W, YKL012W, YHR086W, YDR240C, YLR298C, YLR116W, YPL178W, YIR009W, YMR125W, YDL030W, YJL203W, YNL286W, YPL213W, YOR319W, YMR288W, YML049C
YLR147C	38	0. 60784878	YLR396C, YMR231W, YPL045W, YDL077C, YDR495C, YAL002W, YLR093C
YLR148W	8	0. 64887221	YAL054C
YLR153C	2	1	YBR102C, YER008C, YPR055W, YIL068C, YJL085W, YDR166C, YGL233W, YJLYGL189C, YGR214W, YGL123W, YER131W, YGR118W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YIL069C, YDR450W, YDL083C, YKL156W, YHR021C, YJL136C, YLR048W, YLR264W, YLR441C, YML024W, YML0
YLR166C	9	0. 65860951	YPL259C, YPR029C, YHL019C, YKL135C
YLR167W	46	0. 95427246	YDR502C
YLR170C	5	0. 65902422	YER111C, YOR034C, YDR264C, YKL020C, YIR033W
YLR180W	2	0. 16561551	YHR115C, YLR016C, YDR369C, YIL131C, YNL116W, YNL068C, YDR200C, YDRYMR012W
YLR182W	6	0. 1408537	YJL112W, YKR036C, YLR129W, YJL069C, YER082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YGL100W, YCL039W, YCR084C, YKL021C, YIL046W, YFL009W, YBR103W, YBL008W, YNL182C, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YIR012W, YDR080W, YMR093W, YKL213C, YPL126W, YEL056W, YER107C, YLR222C, YLR409C, YPL139C, YMR131C, YLR208W, YNL253W
YLR183C	9	0. 19730203	YOR310C
YLR192C	2	0. 14475833	Q0045, YMR256C, YLR395C, YNL052W, Q0275, YHR051W, Q0250, YGL187C, Y
YLR196W	58	0. 46478409	YDL161W, YJR125C, YDR153C, YLL038C
YLR197W	2	0. 07964717	YOL013C, YDR057W, YML029W, YBR201W, YJL034W, YDR411C, YDL203C, YBL
YLR203C	10	0. 60582481	YAL007C, YAR002C-
YLR206W	5	0. 59751673	YBR160W, YGR109C, YPR120C, YPR119W, YGR108W, YDL155W, YMR199W, YPL
YLR207W	10	0. 59110268	YNL126W, YHR172W
YLR208W	10	0. 48868928	YJR032W, YBR155W, YPR189W, YOR007C, YBR112C, YOR027W, YML078W
YLR210W	12	0. 25448477	YOL144W, YNR038W, YKL014C
YLR212C	3	0. 34174314	
YLR216C	8	0. 11676083	
YLR221C	4	0. 37267456	

YLR222C	7	0.14239215	YLR129W, YLR409C, YJL069C, YCR057C, YDR449C, YDR398W
YLR223C	5	0.26464592	YOR039W, YCL031C, YGR090W, YGL019W
YLR226W	2	0.03078557	YPR161C
YLR227W-B	7	1	YCL019W, YLR410W-B, YDR365W-B, YDR210C-D, YMR045C, YHR214C-C
YLR229C	23	0.47868124	YHL007C, YKR014C, YER031C, YKR055W, YGL210W, YGR152C, YFL038C, YFL005W, YLR262C, YML001W, YNL090W, YNL098C, YNL180C, YNL304W, YOR101
YLR233C	3	1	YIL009C-A, YLR318W
YLR234W	3	0.22147041	YMR190C, YPL024W
YLR240W	5	0.2961237	YPL120W, YBR097W, YBR128C, YLR360W
YLR246W	2	0.65857513	YOL110W
YLR248W	82	0.79428403	YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YDR477W, YAR019C, YLR113W, YGR092W, YDR507C, YIL035C, YGR188C, YBR097W, YHR102W, YBR160W, YCL024W, YGL180W, YILO95W, YBL105C, YKL139W, YHL007C, YHR135C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJL165C, YJR059W, YCR008W, YHR082C, YER123W, YNL298W, YOL113W, YNL161W, YFL033C, YLR362W, YPL153C, YKL17
YLR249W	10	0.68530091	YDR011W, YOR153W, YPL226W, YNL014W, YDR091C, YER036C, YDR406W, YGR
YLR259C	5	0.92478331	YJL111W, YDR212W, YJR064W, YJL014W
YLR262C	22	0.83912085	YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YFL005W, YLR229C, YLR293C, YML064C, YNL090W, YNL098C, YNL180C, YNL304W, YOR101
YLR264W	46	0.95486829	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YOR167C, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YBL072C, YBR189W, YDR064W, YDR447C, YILO69C, YDR450W, YKL156W, YDL083C, YJL136C, YLR048W, YLR167W, YLR441C, YML024W, YML0
YLR265C	2	0.12499999	YGL090W
YLR268W	11	0.32115439	YKL196C, YLR093C, YOR327C, YAL030W, YPL232W, YMR183C, YLR026C, YGR
YLR272C	5	0.65736634	YLR086W, YFR031C, YDR325W, YBL097W
YLR274W	7	0.52753887	YBR202W, YEL032W, YPR019W, YGL201C, YBL023C, YDR052C
YLR275W	40	0.60467806	YGR074W, YFL017W-A, YLR147C, YPR182W, YOR159C, YER029C, YKL012W, YGR013W, YBR119W, YDR240C, YHR086W, YIL061C, YDR235W, YLR298C, YPR082C, YLR116W, YIRO09W, YPL178W, YDL030W, YMR125W, YJL203W, YNL286W, YPL213W, YOR319W, YJL124C, YMR288W, YMR240C, YML049C, YIRO05W, YDL209C, YGR278W, YD
YLR276C	34	0.50091527	YGL251C, YDL031W, YNR038W, YMR128W, YLR398C, YMR190C, YOR046C, YNL112W, YOR204W, YKR059W, YBR142W, YLL008W, YFL002C, YJL050W, YKR024C, YJL138C, YGL078C, YDL084W, YGL064C, YGL120C, YGL171W, YKL078W, Y
YLR277C	20	0.77983781	YOR179C, YLR115W, YGR156W, YDR195W, YKR002W, YJR093C, YKL059C, YNL317W, YPR107C, YNL222W, YAL043C, YDR301W, YKL018W, YER133W, YDR228
YLR288C	3	1	YOR368W, YPL194W
YLR291C	7	0.79644826	YGR083C, YKR026C, YDR211W, YOR260W, YJR007W, YPR041W
YLR293C	22	0.60642511	YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YFL005W, YLR229C, YLR262C, YML001W, YNL090W, YNL180C, YNL304W, YNL098C, YPR165
YLR295C	15	0.98654867	YDR298C, YDR377W, YKL016C, Q0130, Q0080, YBL099W, Q0085, YDL004W, YDR322C-A, YML081C-A, YOL077W-A, YPL078C, YPL271W, YPR020W
YLR298C	31	0.57920485	YDR235W, YDR240C, YIL061C, YHR086W, YKL012W, YGR013W, YBR119W, YLR116W, YOR159C, YPR182W, YPL178W, YMR125W, YGR074W, YLR147C, YFL017W-
YLR310C	4	0.06199901	A, YLR275W, YER029C, YIRO09W, YDR432W, YDL030W, YDL209C, YJL203W, YAL024C, YER155C, YCR038C

YLR312W-A	43	0.98189534	YDR237W, YDR405W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YKR006C, YBR282W, YKL167C, YJL096W, YMR024W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YKL138C, YBR268W, YKL170W, YCR046C, YJL063C, YLR439W, YML009C, YML025C, YGL068W, YMR193W, YMR2
YLR314C	6	0.1421618	YDL225W, YCR002C, YJR076C, YHR107C, YGR059W
YLR318W	3	1	YIL009C-A, YLR233C
YLR319C	3	0.99446438	YER149C, YLL021W
YLR321C	19	0.60876883	YHR056C, YLR357W, YML127W, YMR091C, YGR056W, YCR020W-B, YCR052W, YDR303C, YBL006C, YFR037C, YKR008W, YLR033W, YIL126W, YPR034W, YMR033W, YGR275W, YGR270W, YLR399C
YLR324W	2	1	YBR168W
YLR329W	2	1	YHR157W
YLR330W	7	0.44203084	YOR299W, YMR237W, YKR027W, YJL099W, YDL192W, YDL137W
YLR332W	2	1	YGR023W
YLR335W	3	0.24977146	YDR002W, YIL063C
YLR336C	2	0.02447196	YGR278W
YLR337C	2	0.03437121	YOR181W
YLR340W	25	0.80212936	YDL130W, YDR382W, YDL081C, YOL039W, YLR448W, YLR406C, YPR102C, YOL127W, YML073C, YPL131W, YOR063W, YDR418W, YDL075W, YEL054C, YLR075W, YDL191W, YGR085C, YDL136W, YGL030W, YKR094C, YIL148W, YKL009W, Y
YLR342W	2	0.21060847	YPR165W
YLR347C	10	0.27156337	YAL016W, YHR186C, YGR218W, YPL125W, YGL238W, YGL241W, YER110C, YDRYGR056W, YLR033W, YKR008W, YCR020W-
YLR357W	19	0.65364733	B, YIL126W, YBL006C, YLR321C, YCR052W, YDR303C, YHR056C, YFR037C, YMR091C, YML127W, YPR034W, YGR275W, YMR033W, YGR270W, YLR399C
YLR360W	4	0.25837448	YPL120W, YLR240W, YBR128C
YLR361C	12	0.37286565	YDL188C, YDL134C, YDR075W, YDL047W, YIL039W, YKL149C, YLR433C, YML
YLR362W	5	0.14053883	YDL159W, YBL016W, YDR103W, YOR359W
YLR368W	14	0.46772396	YOR057W, YOL133W, YFL009W, YNL311C, YOR080W, YML088W, YJL149W, YDR219C, YDR054C, YDL132W, YDR328C, YJR090C, YJL047C
YLR369W	13	0.49345176	YBR169C, YLL024C, YDL229W, YHR064C, YJL034W, YAL005C, YPL106C, YNL
YLR370C	7	0.59523972	YNR035C, YIL062C, YBR234C, YKL013C, YJR065C, YDL029W
YLR371W	3	0.1448008	YLR425W, YLR452C
YLR372W	2	1	YCR034W
YLR381W	3	0.1619305	YPR046W, YJR135C
YLR382C	3	1	YPL040C, YPL160W
YLR383W	7	0.9011706	YML023C, YOL034W, YDR288W, YLR007W, YEL019C, YER038C
YLR384C	6	0.67117109	YHR187W, YMR312W, YPL101W, YPL086C, YGR200C
YLR385C	27	0.67150084	YLR085C, YAL011W, YDR485C, YBR231C, YDR334W, YML041C, YNL107W, YPL235W, YGR002C, YDR190C, YFL039C, YJL081C, YFL013C, YEL018W, YDL002C, YHR090C, YDR359C, YOR244W, YNL136W, YFL024C, YLR052W, YGL150C, Y
YLR387C	3	0.21955414	YNL227C, YBR267W
YLR394W	3	0.07525932	YOR156C, YDR409W
YLR395C	11	0.7755869	YMR256C, YNL052W, Q0275, YHR051W, Q0250, YGL191W, YGL187C, Q0045, Y
YLR396C	8	0.54349688	YLR148W, YMR231W, YPL045W, YDR495C, YAL002W, YDL077C, YLR093C
YLR397C	18	0.32061649	YJR068W, YER017C, YLL026W, YDL126C, YOR217W, YGR270W, YBL022C, YML065W, YMR089C, YPR024W, YNL290W, YOL094C, YNL329C, YMR078C, YPR173
YLR398C	3	0.08138146	YGL213C, YPR189W
YLR399C	19	0.64648769	YLR357W, YGR056W, YKR008W, YLR033W, YIL126W, YGR270W, YBL006C, YHR056C, YCR052W, YDR303C, YLR321C, YFR037C, YCR020W-
YLR406C	22	0.93755432	YDL130W, YDL081C, YDR382W, YLR340W, YDL075W, YDR418W, YLR448W, YPR102C, YOL127W, YOL039W, YPL131W, YOR063W, YML073C, YEL054C, YLR075
YLR409C	7	0.19927118	YLR129W, YLR222C, YJL069C, YCR057C, YDR449C, YDR398W

YLR410W-B	7	1	YCL019W, YDR210C-D, YDR365W-B, YLR227W-B, YMR045C, YHR214C-C
YLR414C	4	1	YDL222C, YLR443W, YML052W
YLR417W	3	0.59211047	YPL002C, YJR102C
YLR418C	6	0.45873564	YGL244W, YBR279W, YOR123C, YOL145C, YDR138W
YLR421C	30	0.84241665	YOR259C, YPR108W, YFR010W, YOR117W, YDR363W-A, YFR052W, YER021W, YDL007W, YIL075C, YOR261C, YDL097C, YDR394W, YDR427W, YGR232W, YGL048C, YKL145W, YHR027C, YHR200W, YDL147W, YHLO30W, YFR004W, YBR080C, YEL037C, YER143W, YER162C, YOL072W, YDR159W
YLR424W	3	0.07978591	YKR022C, YNL224C
YLR425W	2	0.02461736	YLR371W
YLR426W	2	1	YBR265W
YLR429W	9	0.53605972	YNR035C, YBR234C, YKL013C, YIL062C, YLR370C, YJR065C, YDL029W, YLR
YLR430W	5	0.21738136	YMR080C, YHR164C, YKL017C, YHR077C
YLR433C	3	0.20935755	YKL190W, YML057W
YLR438C-A	20	0.55471701	YDR378C, YNL147W, YBL026W, YER146W, YJR022W, YER112W, YDR473C, YDL098C, YOR308C, YPR178W, YBR055C, YGR091W, YBR152W, YPR082C, YKL173YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YPR100W, YNL185C, YMR286W, YOR150W, YPL183W-
YLR439W	42	0.93964999	A, YNL177C, YMR193W, YNR022C, YMR225C, YML009C, YNL284C, YNL252C, YNL005C, YDR405W, YML025C, YMR024W, YKR006C, YPL173W, YKL167C, YBR2
YLR440C	6	0.77795099	YGL145W, YDR498C, YGL098W, YOR075W, YNL258C
YLR441C	47	0.94435476	YGL189C, YGR214W, YGL123W, YER131W, YML063W, YGR118W, YBR181C, YJL191W, YHLO15W, YKR057W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YMR116C, YBL072C, YBR189W, YNL096C, YPL081W, YNL302C, YOR293W, YOR167C, YPR132W, YMR230W, YML026C, YOL121C, YMR143W, YPLO
YLR442C	5	0.11998063	YDR227W, YDL042C, YJL076W, YFR028C
YLR443W	4	1	YDL222C, YLR414C, YML052W
YLR447C	16	0.95030804	YEL027W, YHR026W, YPL234C, YHR039C-A, YGR020C, YEL051W, YDL185W, YBR127C, YPR036W, YOR332W, YKL080W, Y
YLR448W	22	0.82069995	YDL130W, YDL081C, YDR382W, YLR340W, YML073C, YDR418W, YLR406C, YDL075W, YEL054C, YLR075W, YDL191W, YGR085C, YDL136W, YGL030W, YOL039
YLR449W	2	1	YNL135C
YLR451W	12	0.61257576	YKL038W, YDR034C, YHR178W, YKL015W, YGL013C, YOR337W, YBR240C, YAL
YLR452C	3	0.18665221	YFL047W, YLR371W
YLR457C	3	0.92555086	YGL075C, YPL255W
YML001W	23	0.62060587	YOR132W, YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YFL005W, YLR229C, YLR262C, YLR293C, YNL090W, YNL098C, YNL180C, YNL304
YML007W	6	0.12260012	YDR423C, YOR028C, YEL009C, YIL036W, YIR018W
YML008C	3	1	YCR047C, YML014W
YML009C	42	0.93964999	YDR237W, YBR122C, YDR322W, YBL038W, YDR462W, YCR071C, YDR405W, YKR006C, YLR439W, YBR282W, YKL167C, YPR100W, YNL185C, YMR286W, YOR150W, YPL183W-A, YNL177C, YMR193W, YNR022C, YMR225C, YMR024W, YNL284C, YNL252C, YNL005C, YPL173W, YML025C, YJL096W, YDL202W, YKR085C, YGR076C, YHR1
YML010W	2	0.0414885	YGR063C
YML012W	9	0.68659475	YAL007C, YAR002C-
YML013W	6	0.38853222	YMR067C, YBL058W, YBR273C, YDR330W, YJL048C
YML014W	3	1	YCR047C, YML008C
YML015C	11	0.33224881	YMR005W, YML114C, YCR042C, YML098W, YMR227C, YPL011C, YGR274C, YER
YML016C	11	0.19054718	YLR433C, YMR224C, YML057W, YPL179W, YDL188C, YDR075W, YDL047W, YKL
YML019W	9	0.99869898	YOR085W, YJL002C, YMR149W, YGL022W, YDL232W, YOR103C, YGL226C-
YML023C	7	0.9011706	YLR007W, YDR288W, YLR383W, YER038C, YEL019C, YOLO34W

YML024W	48	0.9536539	YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YDR447C, YBR181C, YJL191W, YHLO15W, YKR057W, YBR048W, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YMR116C, YBL072C, YBR189W, YNL096C, YLR441C, YPL081W, YNL302C, YOR293W, YOR167C, YPR132W, YMR230W, YML063W, YML026C, YOL1YDR237W, YDR322W, YBR122C, YDR462W, YPR100W, YCR071C, YDR405W, YNL185C, YMR286W, YOR150W, YPL183W-
YML025C	42	0.93964999	A, YNL177C, YMR193W, YNR022C, YMR225C, YNL284C, YMR024W, YNL252C, YNL005C, YPL173W, YBR282W, YLR439W, YKR006C, YBL038W, YKL167C, YML0YGL189C, YGR214W, YGL123W, YER131W, YGR118W, YDR450W, YBR181C, YJL191W, YHLO15W, YKR057W, YBR048W, YNL302C, YPL081W, YOR293W, YOR167C, YPR132W, YMR230W, YMR116C, YNL096C, YML063W, YER074W, YOL121C, YMR143W, YOL040C, YPL090C, YOR096W, YCR031C, YNL178W, YJR123W, YER1YDR453C, YBL064C, YIL010W
YML026C	47	0.95355454	YBR201W, YOL013C, YDR057W, YLR207W, YDR411C, YJL034W, YBR273C
YML028W	4	0.53198548	YNR018W
YML029W	8	0.2128022	YDL059C
YML030W	2	0.01234311	YKR095W-A, YJL184W, YKR038C, YGR262C
YML032C	2	0.62727494	YDR485C, YBR231C, YLR385C, YAL011W, YDR334W, YLR085C, YNL107W, YPL235W, YGR002C, YDR190C, YFL039C, YJL081C, YFL013C, YEL018W, YDL002C, YHR090C, YOR244W, YDR359C, YNL136W, YFL024C, YLR052W, YGL150C, YJYL025W, YBL014C
YML036W	5	0.88596264	YOR319W, YMR288W, YMR240C, YNL286W, YPL213W, YPR094W, YIR009W, YJLYDL222C, YLR414C, YLR443W
YML041C	27	0.67071893	YIR022W, YJR010C-A
YML043C	3	1	YKL190W, YLR433C
YML049C	11	0.35349568	YHR031C
YML052W	4	1	YNL139C, YHR167W, YDR138W
YML055W	3	1	YGL189C, YGR214W, YGL123W, YER131W, YLR441C, YGR118W, YBR181C, YJL191W, YHLO15W, YKR057W, YBR048W, YER074W, YML026C, YCR031C, YJR123W, YER102W, YDR025W, YMR116C, YBL072C, YBR189W, YNL096C, YPL081W, YNL302C, YOR293W, YPR132W, YOR167C, YMR230W, YOL121C, YMR143W, YPL0YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YNL090W, YNL180C, YNL304W, YPR165W, YOR089C, YNL093W, YNL098C, YOR101W, YFL005YLL004W, YHR118C, YBR060C, YNL261W, YPR162C, YJL194W
YML057W	3	0.20935755	YAL042W
YML061C	2	1	YGL207W, YNL206C
YML062C	4	0.13825616	YPR105C, YNL041C, YNL051W, YGL005C, YGL223C, YER157W, YGR120C, YDLYDL130W, YDL081C, YDR382W, YLR340W, YLR448W, YDR418W, YOL127W, YPR102C, YPL131W, YOL039W, YOR063W, YLR406C, YDL075W, YEL054C, YLR075W, YDL191W, YGR085C, YDL136W, YGL030W, YKR094C, YIL148W, YER006W, YYDR246W, YDR108W, YGR166W, YOR115C, YMR218C, YKR068C, YBR254C, YDRYJR032W, YLR216C
YML063W	47	0.94669949	YDR298C, YDR377W, YKL016C, Q0130, Q0080, YBL099W, Q0085, YDL004W, YDR322C-A, YLR295C, YOL077W-A, YPL078C, YPL271W, YPR020W
YML064C	22	0.60647348	YFL037W, YML124C, YGL216W, YMR211W
YML065W	7	0.64170825	YEL071W
YML067C	2	0.20676767	YIL046W, YFL009W, YLR368W, YJL149W, YNL311C, YOR080W, YDR219C, YOR057W, YOL133W, YDR054C, YDL132W, YDR328C, YJR090C, YJL047CYOL038W, YMR314W, YOR362C, YGL011C, YFR050C, YER094C, YGR135W, YBL041W, YJL001W, YGR253C, YOR157C, YPR103W, YER012W, YLR021W, YPL144YPL022W
YML069W	3	0.04017183	YKL054C, YMR264W, YDR273W
YML071C	9	0.92681173	YMR005W, YML015C, YCR042C, YML114C, YMR227C, YPL011C, YGR274C, YERY
YML073C	25	0.93438018	
YML077W	11	1	
YML078W	3	0.10472758	
YML081C-A	15	0.98654867	
YML085C	5	0.30746437	
YML086C	2	1	
YML088W	15	0.4544955	
YML092C	16	0.78791749	
YML095C	2	0.22379283	
YML097C	4	0.14025549	
YML098W	9	0.3260791	

YML100W	3	1	YMR261C, YBR126C
YML105C	6	0.97919677	YPR088C, YPL243W, YPL210C, YDL092W, YKL122C
YML109W	2	0.02375662	YMR273C
YML111W	3	0.08944483	YER125W, YMR275C
YML112W	3	0.12955256	YJL006C, YKL139W
YML114C	9	0.34578469	YMR005W, YML015C, YCR042C, YML098W, YMR227C, YPL011C, YGR274C, YER
YML115C	3	0.22262011	YPL050C, YEL036C
YML121W	5	0.65294292	YGR163W, YKR007W, YBR077C, YKL143W
YML124C	5	0.34230191	YFL037W, YML085C, YMR211W, YGL216W
YML125C	5	1	YGR234W, YKL150W, YHR042W, YPR048W YCR020W-
YML127W	19	0.63884127	B, YHR056C, YLR321C, YGR056W, YCR052W, YBL006C, YMR091C, YDR303C, Y LR357W, YFR037C, YLR033W, YKR008W, YIL126W, YPR034W, YMR033W, YGR2 YPR007C, YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR 205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101 W, YKL048C, YER129W, YJL128C, YDL101C, YDR477W, YLR113W, YDR507C, Y
YMR001C	83	0.77181536	AR019C, YNL161W, YOL113W, YPL204W, YIL035C, YOR061W, YPL209C, YNL2 98W, YPL203W, YPL031C, YPR161C, YOL045W, YNL154C, YOL128C, YNR031C , YPL026C, YPR054W, YOL016C, YMR216C, YNL020C, YOR267C, YPL140C, YM R139W, YOR233W, YOR231W, YNL307C, YGR188C, YGR092W, YBR097W, YPL15
YMR004W	5	0.36105199	YDL113C, YJL036W, YOR357C, YDR425W
YMR005W	11	0.38047024	YML114C, YCR042C, YML015C, YML098W, YGR274C, YMR227C, YPL011C, YER
YMR012W	2	0.04119763	YLR192C
YMR016C	3	0.13167222	YER111C, YKL043W
YMR021C	3	1	YGL166W, YPR008W
YMR022W	10	0.48341548	YGL087C, YDR092W, YBR082C, YDR059C, YGR133W, YDR177W, YDL064W, YER YDR237W, YBR122C, YDR322W, YBL038W, YPR100W, YNL185C, YMR286W, YOR 150W, YPL183W-
YMR024W	43	0.94001865	A, YNL177C, YMR193W, YNR022C, YMR225C, YNL284C, YNL252C, YNL005C, Y DR462W, YCR071C, YML025C, YKR006C, YPL173W, YBR282W, YLR439W, YDR4 05W, YKL167C, YML009C, YJL096W, YLR312W-
YMR025W	5	0.28340637	YOL117W, YJR084W, YDR179C, YDL216C
YMR028W	3	0.15250009	YPL152W, YIL153W
YMR032W	3	0.07204676	YHR114W, YFL047W YPR034W, YGR275W, YCR020W-
YMR033W	27	0.75593037	B, YLR321C, YDR073W, YCR052W, YGR056W, YML127W, YHL025W, YHR056C, Y DR303C, YBR289W, YLR357W, YKR008W, YLR033W, YFR037C, YFL049W, YJL1
YMR036C	3	0.29998593	YER075C, YHR111W
YMR037C	8	0.83125706	YGL035C, YGL209W, YDR096W, YJL056C, YNL027W, YDR043C, YBR066C
YMR042W	4	1	YMR043W, YDR173C, YPL089C
YMR043W	4	1	YMR042W, YDR173C, YPL089C
YMR044W	3	0.04935075	YLR095C, YFR013W
YMR045C	7	1	YCL019W, YLR410W-B, YDR365W-B, YLR227W-B, YDR210C-D, YHR214C-C YGL092W, YKL068W, YGL172W, YGR119C, YJR042W, YKL057C, YER105C, YGL 100W, YDL207W, YDL116W, YBL079W, YFR002W, YJL041W, YJL061W, YIL115
YMR047C	18	0.63245614	
YMR048W	3	0.1602794	YNL273W, YCL061C YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER082C, YNL 182C, YCR057C, YDR267C, YFR021W, YLL011W, YCR084C, YMR093W, YIL046
YMR049C	55	0.44149674	W, YPL126W, YFL009W, YBL008W, YMR131C, YNL253W, YNL006W, YOR026W, Y OR212W, YOR269W, YPL100W, YMR092C, YOR229W, YOR230W, YPL151C, YGL2 13C, YBR234C, YGR200C, YGL190C, YCR072C, YLR429W, YIR012W, YDR080W YPL234C, YOR332W, YPR036W, YGR020C, YHR039C-
YMR054W	16	0.95030804	A, YEL027W, YHR026W, YEL051W, YDL185W, YLR447C, YKL080W, YBR127C, Y

YMR055C	2	0.09908913	YJR053W
YMR056C	9	1	YBL030C, YBR104W, YBR192W, YDL198C, YFR045W, YIL006W, YMR241W, YPR
YMR061W	5	0.29595187	YGL044C, YOL123W, YDR228C, YOR250C
YMR067C	6	0.53622249	YBL058W, YML013W, YDR330W, YBR273C, YJL048C
YMR068W	8	0.63281989	YJL058C, YNL047C, YIL105C, YOL078W, YER093C, YKL203C, YNL006W
YMR070W	9	0.7078761	YPL038W, YMR182C, YER169W, YDR216W, YKL062W, YDR253C, YHL027W, YDR
YMR072W	6	0.11718619	YKL032C, YPR065W, YPR052C, YBR089C-A, YDR174W
YMR075W	15	0.68662233	YOL004W, YNL330C, YPL139C, YPR023C, YNL097C, YPL181W, YMR263W, YAL 013W, YBR095C, YDR207C, YIL084C, YMR176W, YKL185W, YJR094C
YMR077C	6	0.6740381	YKL002W, YKL041W, YLR025W, YKR035W-A, YDR486C
YMR078C	10	0.6341303	YHR191C, YCLO16C, YOL094C, YNL290W, YJR068W, YBR087W, YER173W, YOR
YMR079W	2	1	YNL264C
YMR080C	3	0.47849546	YHR077C, YGR072W
YMR089C	4	0.07188474	YER017C, YGR231C, YGR132C
YMR091C	19	0.63959805	YLR321C, YGR056W, YCR052W, YCR020W- B, YBL006C, YML127W, YDR303C, YLR357W, YKR008W, YHR056C, YFR037C, Y LR033W, YIL126W, YPR034W, YGR275W, YMR033W, YGR270W, YLR399C YPR023C, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER 082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YCR084C, YKL021 C, YIL046W, YFL009W, YBL008W, YMR049C, YGL213C, YBR234C, YGR200C, Y CR072C, YGL190C, YIR012W, YLR429W, YDR080W, YKL213C, YEL056W, YER1 07C, YLR196W, YDR364C, YPL139C, YGL004C, YMR131C, YOR272W, YPL126W
YMR092C	52	0.40805672	YEL055C, YPL126W, YDR324C, YGR128C, YHR196W, YJL109C, YDR398W
YMR093W	8	0.29415922	YMR168C, YGR140W
YMR094W	3	0.14569981	YMR096W, YFL060C, YFL059W, YNL334C, YNL333W
YMR095C	6	1	YMR095C, YFL059W, YNL333W, YFL060C, YNL334C
YMR096W	6	1	YMR284W
YMR106C	2	0.3755616	YNR035C, YKL129C, YHR016C, YFR024C- A, YJL020C, YER114C, YBL007C, YBL085W, YCR088W, YDR388W, YPR154W, Y HR114W, YBR200W, YDR162C, YOR326W, YAR014C, YLR310C, YAL029C, YHL0 YHR039C, YPL061W
YMR109W	27	0.35422667	YNL302C, YPL081W, YOR293W, YPR132W, YOR167C, YNL096C, YMR230W, YOL 121C, YMR143W, YPL090C, YOL040C, YOR096W, YNL178W, YGR118W, YBR181 C, YGL123W, YER131W, YJL191W, YHL015W, YKR057W, YGL189C, YBR048W, Y CR031C, YGR214W, YML026C, YER074W, YDR025W, YER102W, YBL072C, YJR1
YMR110C	3	1	YER018C, YOL069W, YIL144W YLR116W, YPL178W, YDR235W, YDR240C, YIL061C, YLR298C, YKL012W, YHR 086W, YGR013W, YBR119W, YOR159C, YPR182W, YGR074W, YLR147C, YFL017 W- A, YLR275W, YER029C, YIR009W, YGR162W, YGR278W, YDR432W, YDL030W, Y
YMR116C	47	0.94688277	YOR213C, YDR181C YGL120C, YKL078W, YGL251C, YDL031W, YLR276C, YKR059W, YLR398C, YBR
YMR117C	4	0.46776974	142W, YLL008W, YFL002C, YJL050W, YKR024C, YGL078C, YJL138C, YDL084 W, YGL064C, YNR038W, YMR190C, YOR046C, YNL112W, YOR204W, YGL171W, Y YEL056W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER 082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YCR084C, YKL021 C, YIL046W, YFL009W, YBL008W, YMR049C, YGL213C, YBR234C, YGR200C, Y CR072C, YPL126W, YGL190C, YLR429W, YIR012W, YDR080W, YKL213C, YER1 07C, YLR196W, YDR364C, YGL004C, YNL253W, YNL182C, YOR272W, YOR212W
YMR125W	36	0.56806501	YIL097W, YGL227W, YDR255C, YCLO39W, YBR105C, YIL017C
YMR127C	3	0.18638671	
YMR128W	32	0.44255601	
YMR131C	54	0.42458397	
YMR135C	7	0.79012801	

YMR139W	81	0.777585	YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YER129W, YKL048C, YJL128C, YDL101C, YOR061W, YOL113W, YNL298W, YNL161W, YPL153C, YPL204W, YPR161C, YPL209C, YPL203W, YPL031C, YOR267C, YPLO26C, YNR031C, YOL016C, YOL045W, YNL020C, YOL128C, YNL154C, YPR054W, YOR233W, YNL307C, YMR216C, YPL140C, YOR231W, YDR477W, YAR019C, YLR113W, YGR092W, YIL035C, YMR001C, YDR507C, YGR188C, YBR097W, YHR10YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YGR118W, YDL083C, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YNL096C, YPL081W, YNL302C, YOR293W, YOR167C, YPR132W, YMR230W, YOL121C, YOL040C, YPL090C, YNL178W, YOR0YDR353W, YHR106W
YMR143W	47	0.95355454	YGL226C-
YMR145C	3	1	
YMR149W	9	0.98247036	YDL088C, YBL079W
YMR153W	3	0.42089387	YKL155C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YGR165W, YIL093C, YJR101W, YDR347W, YGL129C, YGR084C, YBR146W, YBL090W, YHL004W, YNL081C, YPR166C, YPL013C, YPL118W, YMR188C, YBR251W, YPL149W, YBR217W, YLL042C
YMR158W	30	0.9120824	YGR285C, YJL073W, YFL016C, YNL227C, YNL064C, YMR214W, YNL007C, YNL6YAL026C, YDR093W, YEL031W, YIL048W, YER166W
YMR159C	4	0.24788049	YBR103W, YBR198C, YER109C
YMR161W	10	0.45848887	YLR035C, YNL082W, YPL164C, YNL088W, YPL240C, YIL042C
YMR162C	6	0.36737656	YMR094W, YGR140W
YMR164C	4	0.01598047	YGR140W, YPL075W, YOL116W
YMR167W	7	0.23059083	YNL097C, YPL181W, YOL004W, YPL139C, YMR263W, YNL330C, YMR075W, YKL005C, YIL084C, YBR095C, YDR207C, YAL013W, YKL185W, YJR094C
YMR168C	3	0.14569981	YMR070W, YER169W, YDR216W, YKL062W, YDR253C, YDR463W, YHL027W, YPL212W, YGL095C, YAL030W, YDR189W, YGR009C, YOR327C
YMR172W	4	0.04827496	YNL064C, YBL075C
YMR176W	15	0.59446263	YKL155C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YHL004W, YIL093C, YJR101W, YDR347W, YGL129C, YGR084C, YBR146W, YBL090W, YGR165W, YNL081C, YPR166C, YPL013C, YPL118W, YMR158W, YBR251W, YYLR234W, YPL024W
YMR182C	9	0.7078761	YPL249C, YOR070C, YOL112W, YNL293W, YMR055C, YFL027C, YGR100W, YJLYDR237W, YBR122C, YDR322W, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YPR100W, YNL185C, YMR286W, YOR150W, YPL183W-
YMR183C	14	0.38359175	A, YNL177C, YDL202W, YKR085C, YGR076C, YHR147C, YDR115W, YDR116C, YYHL031C, YLR078C
YMR186W	3	0.09692486	YBR160W, YOL133W, YLR210W, YGR109C, YPR120C, YPR119W, YPL256C, YGR108W, YDL155W, YAL040C, YJL006C, YNL289W, YJR090C, YDL132W, YDR328YOR045W, YNL070W, YNL121C, YGR082W, YNL131W, YNL055C, YNL026W
YMR188C	30	0.91735106	YML124C, YFL037W, YML085C
YMR190C	3	0.24148426	YBR188C, YGR129W, YLR117C, YPR101W
YMR192W	10	0.5225493	YNL064C, YFL016C, YNL007C, YGR285C, YNL227C, YNL328C, YJL073W, YMRYJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YAR019C, YLR113W, YGR092W, YDR507C, YIL035C, YMR001C, YGR188C, YBR097W, YHR102W, YBR160W, YCL024W, YGL180W, YIL095W, YBL105C, YHL007C, YKL139W, YHR135C, YOR061W, YPL153C, YOL113W, YNL298W, YNL161W, YPR161C, YPL031C, YPL203W, YPL209C, YOL016C, YOL045W, YNL154C, YOL128C, YNR031C, YPR05
YMR193W	42	0.93930379	
YMR197C	3	0.14870666	
YMR199W	18	0.32068611	
YMR203W	8	0.2877934	
YMR211W	4	0.45808063	
YMR213W	5	0.2073257	
YMR214W	11	0.45927633	
YMR216C	83	0.77963389	

YMR218C	11	1	YDR108W, YDR246W, YML077W, YKR068C, YBR254C, YDR472W, YOR115C, YDR YOL148C, YGL066W, YDR392W, YBR081C, YDR176W, YDR448W, YMR236W, YGR
YMR223W	31	0.81503828	252W, YPL254W, YCL010C, YLR055C, YBR111W- A, YDR167W, YGL112C, YDR145W, YBR198C, YHR099W, YPL047W, YER164W, Y GL252C, YER148W, YGR274C, YML114C, YMR005W, YCR042C, YML098W, YML0
YMR224C	3	0.4326988	YDR369C, YNL250W YDR237W, YBR122C, YDR322W, YBL038W, YMR024W, YDR462W, YCR071C, YDR
YMR225C	42	0.93964999	405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096 W, YPR100W, YNL185C, YMR286W, YOR150W, YPL183W- A, YNL177C, YNR022C, YMR193W, YGR076C, YHR147C, YDR115W, YDR116C, Y
YMR227C	9	0.36733537	YML015C, YCR042C, YPL011C, YML098W, YML114C, YGR274C, YMR005W, YER
YMR229C	3	0.06770566	YJR007W, YOR361C YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YGR118W, YOR293W, YBR
YMR230W	46	0.9520118	181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YCR031 C, YJR123W, YER102W, YDR025W, YMR143W, YBL072C, YBR189W, YML063W, Y LR441C, YML024W, YDR064W, YDR447C, YIL069C, YNL302C, YOR096W, YPL0
YMR231W	8	0.60694763	YLR148W, YPL045W, YLR396C, YDR495C, YAL002W, YDL077C, YLR093C YDR167W, YGL112C, YDR145W, YBR198C, YMR223W, YGL066W, YDR392W, YBR
YMR236W	31	0.76026228	081C, YOL148C, YDR176W, YDR448W, YGR252W, YLR055C, YCL010C, YBR111 W- A, YCR042C, YML114C, YMR227C, YML015C, YML098W, YHR099W, YGR274C, Y
YMR237W	7	0.44203084	YKR027W, YOR299W, YJL099W, YLR330W, YDL192W, YDL137W
YMR239C	3	0.01421178	YMR024W, YLR312W-A
YMR240C	11	0.35349568	YOR319W, YMR288W, YML049C, YNL286W, YPL213W, YPR094W, YIR009W, YJL
YMR241W	9	1	YBL030C, YBR104W, YBR192W, YDL198C, YFR045W, YIL006W, YMR056C, YPR
YMR247C	6	0.38092714	YHR115C, YDR143C, YPR093C, YDR313C, YKL034W
YMR256C	11	0.74759098	YNL052W, YLR395C, Q0275, YHR051W, Q0250, YGL191W, YGL187C, Q0045, Y
YMR261C	3	1	YML100W, YBR126C YNL097C, YPL181W, YIL084C, YBR095C, YAL013W, YDR207C, YOL004W, YNL
YMR263W	14	0.64283271	330C, YPL139C, YKL185W, YMR176W, YMR075W, YJR094C
YMR264W	4	0.46115253	YKL054C, YML097C, YDR273W
YMR270C	4	0.2638845	YOR295W, YBL025W, YLR141W
YMR273C	4	0.21173048	YOR014W, YML109W, YAL016W
YMR275C	3	0.56940014	YER125W, YML111W YOR259C, YPR108W, YOR117W, YBL047C, YER143W, YLL039C, YNR032C-
YMR276W	29	0.6446308	A, YGL181W, YOR138C, YBR058C, YER162C, YFR052W, YHR027C, YDL007W, Y ER021W, YHR200W, YGL048C, YDL097C, YKL145W, YDR427W, YDR394W, YFR0
YMR277W	8	0.18514069	YDR217C, YHR004C, YHR154W, YJL090C, YOR005C, YGR103W, YLL010C
YMR284W	2	0.22803273	YMR106C YDR237W, YBR122C, YDR322W, YBL038W, YMR024W, YDR462W, YCR071C, YDR
YMR286W	43	0.9816263	405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096 W, YMR193W, YMR225C, YGR076C, YHR147C, YDR115W, YDR116C, YDL202W, Y KR085C, YCR003W, YLR312W- A, YGL068W, YKL138C, YBR268W, YKL170W, YCR046C, YJL063C, YNL005C, Y
YMR288W	11	0.3341297	YOR319W, YMR240C, YML049C, YNL286W, YPL213W, YJL203W, YPR094W, YIR
YMR292W	2	1	YBL102W
YMR294W	3	0.37107679	YPL174C, YHR129C
YMR296C	2	1	YDR062W
YMR297W	2	0.97435675	YGL203C
YMR299C	2	0.23770831	YKR054C YKL214C, YDR432W, YDR381W, YCL011C, YER165W, YIR005W, YDL209C, YGL
YMR302C	25	0.36889594	044C, YGR159C, YBR212W, YJR091C, YOR361C, YPL043W, YPR042C, YPR112 C, YNL197C, YNL251C, YOL041C, YOL123W, YHL024W, YDL224C, YPL190C, Y

YMR304W	12	0.15659809	YNL186W, YOR124C, YPL072W, YDR069C, YER151C, YIL156W, YBR058C, YER
YMR312W	6	0.67117109	YPL086C, YPL101W, YHR187W, YLR384C, YGR200C
YMR314W	14	0.76327804	YML092C, YOL038W, YOR362C, YER094C, YGL011C, YFR050C, YGR135W, YGR 253C, YBL041W, YOR157C, YJL001W, YPR103W, YER012W
YMR318C	2	1	YBL069W
YNL001W	3	0.20838146	YBR143C, YDR172W
YNL002C	2	0.00267349	YMR286W
YNL004W	25	0.29505337	YNL139C, YDR381W, YCL011C, YER165W, YPR112C, YPL043W, YOR361C, YNL 197C, YOL041C, YNL110C, YOL123W, YNL251C, YPL190C, YPR042C, YDL209 C, YGL044C, YGR159C, YBR212W, YJR091C, YDL224C, YMR302C, YHL024W, Y YPR100W, YNL185C, YOR150W, YPL183W-
YNL005C	42	0.93964999	A, YNL177C, YNR022C, YPL173W, YNL284C, YBL038W, YMR024W, YDR405W, Y CR071C, YKR006C, YML025C, YDR462W, YNL252C, YLR439W, YBR282W, YBR1 22C, YDR322W, YDR237W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W , YDR116C, YDL202W, YKR085C, YGR076C, YHR147C, YDR115W, YCR003W, YG
YNL006W	8	0.63281989	YJL058C, YIL105C, YER093C, YMR068W, YKL203C, YNL047C, YOL078W
YNL007C	11	0.41842232	YMR214W, YNL064C, YFL016C, YJL073W, YGR285C, YNL227C, YNL328C, YMR
YNL014W	10	0.9509389	YDR011W, YLR249W, YDR091C, YER036C, YOR153W, YPL226W, YDR406W, YGR
YNL020C	15	0.14055032	YNL084C, YIL095W, YAR014C, YDR162C, YNL243W, YER118C, YIR006C, YGR 241C, YLR310C, YCR088W, YBR200W, YBL007C, YBL085W, YER114C
YNL021W	3	0.41532489	YPR179C, YDR295C
YNL025C	24	0.92484466	YBL093C, YGL127C, YHR058C, YBR253W, YGL151W, YBR193C, YDR308C, YDL 005C, YGL025C, YHR041C, YLR071C, YGR104C, YER022W, YCR081W, YNL236
YNL026W	4	0.2665857	YAL010C, YLL006W, YOL009C
YNL027W	8	0.83125706	YJL056C, YGL035C, YGL209W, YDR096W, YBR066C, YDR043C, YMR037C
YNL030W	15	0.38373659	YBL002W, YDR225W, YBL003C, YNL031C, YDR224C, YBR010W, YBR009C, YAL 019W, YER030W, YKL049C, YDL074C, YOL012C, YBL025W, YOR295W
YNL031C	14	0.37972376	YBL002W, YDR225W, YBL003C, YNL030W, YDR224C, YBR010W, YBR009C, YAL 019W, YER030W, YKL049C, YOL012C, YBL025W, YOR295W
YNL032W	2	1	YNL099C
YNL037C	3	1	YOR136W, YDL066W
YNL041C	9	0.92681173	YPR105C, YML071C, YGL005C, YGL223C, YER157W, YGR120C, YNL051W, YDL
YNL045W	2	1	YHR047C
YNL047C	8	0.55041545	YER093C, YIL105C, YOL078W, YMR068W, YJL058C, YKL203C, YNL006W
YNL051W	9	0.92681173	YPR105C, YML071C, YGL005C, YGL223C, YNL041C, YER157W, YGR120C, YDL
YNL052W	12	0.83311244	YMR256C, YLR395C, Q0275, YHR051W, Q0250, YGL191W, YGL187C, Q0045, Y
YNL053W	5	0.37582498	YFR028C, YIR026C, YIL113W, YBR276C
YNL055C	9	0.6016395	YNL070W, YNL131W, YNL121C, YMR203W, YNL026W, YGR082W, YAL010C, YLL YOR141C, YOR189W, YLR052W, YFL013C, YDL002C, YGL150C, YPL235W, YDR 190C, YFL039C, YJL081C, YBR089C-A, YPR052C, YMR072W, YDR174W
YNL059C	15	0.41079056	YBL024W
YNL061W	2	0.87137181	YBL024W
YNL064C	3	0.21862924	YMR186W, YBL075C
YNL066W	4	1	YIL123W, YJL116C, YKR042W
YNL068C	10	0.20659941	YIL131C, YHR115C, YLR016C, YDR369C, YLR183C, YNL116W, YDR200C, YCR
YNL070W	11	0.76520345	YGR082W, YMR203W, YOR045W, YNL121C, YNL131W, YNL026W, YNL055C, YAL
YNL073W	3	0.25731999	YAR007C, YNL312W
YNL076W	6	0.06773855	YGL252C, YDR028C, YBR050C, YER177W, YDR099W
YNL079C	2	1	YIL138C
YNL081C	30	0.9173399	YKL155C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YHL 004W, YIL093C, YJR101W, YDR347W, YGL129C, YGR084C, YBR146W, YBL090 W, YGR165W, YMR158W, YMR188C, YBR251W, YDL045W-
YNL082W	10	0.49704966	YMR167W, YOL090W, YLR035C, YPL164C, YNL088W, YPL240C, YDR097C, YIL
YNL084C	3	0.08592087	YIR006C, YBL007C

YNL085W	5	0.04503153	YGR178C, YOR033C, YKL113C, YER041W
YNL088W	6	0.3566118	YLR035C, YMR167W, YNL082W, YPL240C, YIL042C
YNL090W	22	0.83912085	YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YML064C, YFL005W, YLR229C, YLR262C, YLR293C, YML001W, YIL118W, YCR027C, YNL093
YNL093W	24	0.72621072	YNL098C, YNL180C, YNL304W, YOR101W, YPR165W, YOR089C, YKR014C, YGR152C, YKR055W, YER031C, YGL210W, YFL038C, YML064C, YLR229C, YFL005
YNL096C	47	0.95229751	YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YOR096W, YGR118W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YCR031
YNL097C	14	0.7275658	C, YJR123W, YER102W, YDR025W, YMR143W, YPL081W, YNL302C, YOR293W, YPR132W, YOR167C, YOL121C, YPLO90C, YOL040C, YNL178W, YBL072C, YBR1
YNL098C	22	0.78898193	YPL181W, YAL013W, YIL084C, YMR263W, YBR095C, YDR207C, YOL004W, YNL330C, YPL139C, YKL185W, YMR176W, YMR075W, YJR094C
YNL099C	2	1	YNL180C, YNL304W, YPR165W, YOR089C, YNL093W, YKR014C, YGR152C, YER031C, YOR101W, YGL210W, YKR055W, YFL038C, YML064C, YFL005W, YLR229
YNL102W	4	0.32645396	YNL032W
YNL107W	21	0.57923588	YKL045W, YBL035C, YIR008C
YNL110C	26	0.3549244	YGR002C, YEL018W, YHR090C, YDR485C, YDR359C, YJL081C, YML041C, YBR231C, YFL024C, YLR385C, YAL011W, YFL039C, YDR334W, YLR085C, YOR244
YNL112W	35	0.54411983	YKL214C, YDR432W, YDR381W, YCL011C, YER165W, YNL004W, YIR005W, YDL209C, YPR112C, YGL044C, YPR042C, YOR319W, YOR361C, YOL123W, YNL197
YNL113W	32	0.92381822	C, YPL190C, YNL251C, YOL041C, YGR159C, YPL043W, YBR212W, YJR091C, YGL251C, YNR038W, YDL031W, YOR046C, YOR204W, YLR276C, YKR059W, YLR398C, YBR142W, YLL008W, YFL002C, YJL050W, YKR024C, YJL138C, YGL078
YNL116W	11	0.16808841	C, YDL084W, YGL064C, YMR190C, YGL120C, YMR128W, YGL171W, YKL078W, YPR110C, YOR224C, YOR210W, YPR187W, YJL011C, YKR025W, YKL144C, YDL
YNL121C	11	0.55147807	150W, YDR045C, YJR063W, YJL148W, YDR156W, YOR207C, YNL151C, YOR116
YNL123W	2	1	C, YNR003C, YPR010C, YOR341W, YNL248C, YPR190C, YOR340C, YBR154C, Y
YNL126W	3	0.34174314	YPL153C, YHR115C, YDL101C, YLR016C, YDR369C, YIL131C, YLR183C, YNL
YNL131W	11	0.3463274	YOR045W, YGR082W, YMR203W, YNL131W, YNL070W, YNL026W, YNL055C, YAL
YNL135C	2	1	YIL007C
YNL136W	20	0.54860835	YHR172W, YLR212C
YNL137C	30	0.9120824	YNL121C, YGR082W, YOR045W, YMR203W, YNL070W, YNL055C, YNL026W, YAL
YNL138W	2	0.13720169	YLR449W
YNL139C	4	0.16642157	YOR244W, YHR090C, YEL018W, YDR359C, YFL024C, YJR082C, YPR023C, YNL
YNL147W	20	0.56329098	107W, YGR002C, YJL081C, YFL039C, YDR485C, YBR231C, YAL011W, YML041
YNL148C	4	0.18275388	YDR337W, YKL155C, YER050C, YDR175C, YJR113C, YGR215W, YPR166C, YPL
YNL151C	30	0.89767499	013C, YPL118W, YOR158W, YNL306W, YJR101W, YIL093C, YGL129C, YGR084
YNL152W	5	0.04972263	C, YDR347W, YBL090W, YBR146W, YNR037C, YHL004W, YMR158W, YMR188C, Y
			YJL005W
			YHR167W, YML062C, YDR138W
			YDR378C, YJR022W, YLR438C-
			A, YBL026W, YER146W, YER112W, YDR473C, YBR055C, YGR091W, YDL098C, Y
			BR152W, YOR308C, YPR178W, YPR082C, YKL173W, YJL124C, YGR006W, YEL0
			YPL174C, YCL029C, YER007W
			YKR025W, YDR045C, YOR116C, YOR207C, YKL144C, YPR190C, YDL150W, YJL
			011C, YNR003C, YPR110C, YNL113W, YOR210W, YOR224C, YPR187W, YBR154
			C, YHR143W-
			A, YJR063W, YPR010C, YDR404C, YGL070C, YJL140W, YOR341W, YIL021W, Y
			YBL105C, YER125W, YHR205W, YKL092C

YNL154C	82	0.79428403	YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YAR019C, YLR113W, YGR092W, YDR507C, YIL035C, YMR001C, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YMR216C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJR059W, YJL165C, YCR008W, YHR082C, YER123W, YNL298W, YOL11
YNL161W	3	0.06348114	YFL034C-B, YIL106W
YNL167C	8	0.08215999	YBR112C, YCR084C, YML007W, YOR028C, YEL009C, YIL036W, YIR018W
YNL172W	14	0.89827644	YLR102C, YIR025W, YGL240W, YLR127C, YDR118W, YOR249C, YDR260C, YKL022C, YBL084C, YHR166C, YDL008W, YFR036W, YGL003C
YNL177C	42	0.98151011	YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YGL068W, YKL138C, YBR268W, YKL170W, YCR0YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL302C, YOR293W, YPR132W, YOR167C, YPL081W, YOL121C, YGR118W, YPL090C, YOL040C, YOR096W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YCR031C, YJR123W, YER102W, YDR025W, YMR143W, YNL096C, YBL072C, YBR1YNL098C, YNL093W, YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YML064C, YFL005W, YLR229C, YLR262C, YLR293C, YML001W, YNL090
YNL178W	47	0.95418709	YHR085W, YHR197W
YNL180C	22	0.83912085	YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YGL068W, YKL138C, YBR268W, YKL170W, YCR0YML001W, YNL090
YNL182C	3	0.08030276	YHR085W, YHR197W
YNL185C	42	0.96162587	YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YGL068W, YKL138C, YBR268W, YKL170W, YCR0YML001W, YNL090
YNL186W	12	0.12239452	YMR304W, YDR069C, YER151C, YIL156W, YPL072W, YOR124C, YBR058C, YER
YNL189W	2	1	YEL013W
YNL197C	27	0.35852114	YKL214C, YDR432W, YDR381W, YCL011C, YER165W, YNL004W, YIR005W, YPR042C, YOR319W, YOR361C, YPL043W, YPR112C, YOL123W, YOL041C, YNL251C, YPL190C, YDL209C, YGL044C, YNL110C, YGR159C, YBR212W, YJR091C, Y
YNL199C	2	0.71014528	YPL075W
YNL201C	3	0.4023649	YBL046W, YDR075W
YNL206C	3	0.07095532	YML069W, YGL207W
YNL207W	2	0.21241745	YOR119C
YNL209W	13	0.16792837	YBR169C, YLL024C, YDL229W, YHR064C, YPL106C, YJL034W, YAL005C, YLR
YNL210W	3	0.46913883	YBL032W, YJL080C
YNL216W	20	0.29449025	YOL148C, YPL129W, YPL254W, YPL047W, YJL176C, YDR448W, YKR099W, YER088C, YOR290C, YPL016W, YOR023C, YPR034W, YNR023W, YDR073W, YFL049
YNL219C	2	1	YOR149C
YNL221C	10	1	YBL018C, YNL282W, YBR167C, YAL033W, YBR257W, YHR062C, YGR030C, YLR
YNL222W	19	0.77418698	YOR179C, YNL317W, YPR107C, YKR002W, YJR093C, YGR156W, YLR115W, YKL059C, YDR195W, YLR277C, YAL043C, YDR301W, YKL018W, YER133W, YDR228
YNL224C	2	0.04375024	YLR424W
YNL225C	7	0.66048624	YKL042W, YPL124W, YDR356W, YBR109C, YAL047C, YDL239C
YNL227C	4	0.20811709	YLR387C, YBR267W, YLR074C
YNL230C	5	0.47551142	YGR003W, YJR052W, YBR114W, YPL046C
YNL232W	12	0.93684302	YOL142W, YOL021C, YGR195W, YDL111C, YGR158C, YGR095C, YCR035C, YHR
YNL236W	24	0.89920773	YPL042C, YGL127C, YHR058C, YBR253W, YPR070W, YPR168W, YOR174W, YCR081W, YBR193C, YGL151W, YDR308C, YBL093C, YDL005C, YHR041C, YGL025
YNL243W	2	0.02537696	YGR241C
YNL246W	3	0.07967358	YLL002W, YKR048C

YNL248C	35	0.94190515	YDR156W, YPR010C, YJL148W, YJR063W, YOR341W, YOR340C, YPR110C, YNL113W, YOR210W, YOR224C, YPR187W, YBR154C, YHR143W- A, YOR207C, YOR116C, YOR151C, YNR003C, YPR190C, YDR404C, YGL070C, YJL140W, YGR063C, YDL150W, YKL144C, YGR186W, YOL005C, YIL021W, YKRO
YNL250W	3	0.31948575	YDR369C, YMR224C YPL178W, YKL214C, YOR319W, YDR432W, YOL123W, YPR112C, YPL043W, YOR
YNL251C	47	0.53025844	361C, YPR042C, YOL041C, YDR381W, YHR086W, YIL061C, YBR119W, YCL011C, YER165W, YNL004W, YPL190C, YIR005W, YNL197C, YDL209C, YGL044C, YNL110C, YGR159C, YBR212W, YJR091C, YHL024W, YDL224C, YMR302C, YLR1YPR100W, YPL183W- A, YOR150W, YNR022C, YPL173W, YNL284C, YBL038W, YMR024W, YDR405W, Y
YNL252C	42	0.93964999	CR071C, YDR237W, YKR006C, YML025C, YDR462W, YBR122C, YDR322W, YNL005C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YM
YNL253W	8	0.17764414	YDL084W, YDR381W, YCL011C, YML062C, YHR167W, YNL139C, YDR138W
YNL257C	11	0.20510944	YNL047C, YER114C, YIL105C, YBL085W, YJR092W, YGR097W, YDL019C, YLR
YNL258C	6	0.63687025	YGL145W, YDR498C, YGL098W, YLR440C, YOR075W
YNL259C	2	0.05503852	YDR270W
YNL261W	7	0.63996663	YLL004W, YHR118C, YPR162C, YBR060C, YML065W, YJL194W
YNL262W	5	0.29548337	YBR278W, YPR175W, YDR121W, YGL133W
YNL264C	2	1	YMR079W
YNL273W	3	0.20617094	YCL061C, YMR048W
YNL281W	2	0.04545386	YDR214W
YNL282W	10	1	YGR030C, YBR167C, YHR062C, YNL221C, YAL033W, YBR257W, YBL018C, YDR
YNL283C	2	1	YOR008C YNL252C, YDR237W, YBL038W, YNL005C, YDR322W, YBR122C, YMR024W, YDR405W, YML025C, YKR006C, YPR100W, YPL183W-
YNL284C	42	0.93964999	A, YOR150W, YNR022C, YPL173W, YLR439W, YBR282W, YDR462W, YKL167C, YML009C, YCR071C, YJL096W, YMR225C, YMR193W, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YGR076C, YCR003W, YMR286W, YLR312W-
YNL286W	10	0.34022262	YIR009W, YJL203W, YML049C, YMR240C, YDL030W, YMR288W, YPL213W, YIR
YNL287W	11	0.49994059	YDR238C, YIL076W, YFR051C, YGL137W, YDL145C, YPL010W, YER122C, YDL
YNL288W	9	0.74807042	YPR072W, YDL165W, YIL038C, YCR093W, YNR052C, YGR134W, YER068W, YALYPL031C, YIL050W, YAL040C, YGR108W, YLR210W, YGR109C, YMR199W, YGL134W, YDL155W, YPR120C, YPR119W, YPL256C, YOL001W
YNL289W	14	0.24073572	
YNL290W	10	0.53942867	YOL094C, YJR068W, YBR087W, YMR078C, YER173W, YHR191C, YCL016C, YOR
YNL293W	10	0.32180133	YMR192W, YMR055C, YPL249C, YOR070C, YOL112W, YFLO27C, YGR100W, YJL
YNL294C	2	1	YOR030W
YNL297C	2	0.47295994	YDR141C YOL113W, YHL007C, YJL141C, YKL166C, YJL164C, YDR490C, YDL159W, YJL095W, YGR097W, YBL016W, YHR030C, YLR362W, YHR205W, YJL187C, YER114C, YDR122W, YGR040W, YJL128C, YGL158W, YLR096W, YLR113W, YKL101W, YKL048C, YER129W, YDL101C, YMR139W, YJR092W, YDR477W, YNL161W, YAR019C, YGR092W, YDR507C, YPL115C, YIL035C, YMR001C, YOR061W, YPL204W, YPL209C, YPL031C, YPL203W, YPR161C, YNR031C, YOL128C, YOL016C, YOR267C, YPL026C, YPR054W, YOL045W, YOR233W, YNL307C, YOR231W, YPL140C, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YDR309C, YCL024W,
YNL298W	91	0.83404549	YOL115W, YDL175C, YIL079C YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YGR118W, YOL121C, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074W, YCR031C, YJR123W, YER102W, YDR025W, YMR143W, YNL096C, YBL072C, YBR189W, YML063W, YLR441C, YML024W, YDR064W, YDR447C, YIL069C, YMR2
YNL299W	4	0.25573575	
YNL302C	46	0.95486829	

YNL304W	22	0.83912085	YNL098C, YNL093W, YKR014C, YGR152C, YER031C, YGL210W, YKR055W, YFL038C, YML064C, YFL005W, YLR229C, YLR262C, YLR293C, YML001W, YNL090
YNL306W	30	0.9120824	YKL155C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YGR165W, YPR166C, YPL013C, YPL118W, YJR101W, YIL093C, YDR347W, YGL129C, YGR084C, YBL090W, YBR146W, YHL004W, YNL137C, YOR158W, YMR188C, Y
YNL307C	82	0.77900363	YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YLR113W, Y
YNL311C	8	0.12850037	AR019C, YGR092W, YDR507C, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YPL204W, YIL095W
YNL312W	4	0.15206167	, YBL105C, YKL139W, YHL007C, YHR135C, YOR061W, YPL153C, YPL209C, YOL113W, YPL203W, YPL031C, YPR161C, YOL128C, YOL016C, YPL026C, YOL04
YNL317W	19	0.76562505	YIL046W, YFL009W, YLR368W, YJL149W, YML088W, YDR219C, YOR080W
YNL326C	4	0.20676089	YJL173C, YAR007C, YNL073W
YNL328C	10	0.47937974	YOR179C, YNL222W, YLR115W, YKR002W, YGR156W, YDR195W, YPR107C, YKL059C, YLR277C, YJR093C, YAL043C, YDR301W, YKL018W, YER133W, YDR228
YNL329C	15	0.34410022	YDR264C, YOR034C, YLR246W
YNL330C	14	0.64790442	YGR285C, YJL073W, YMR214W, YNL007C, YNL064C, YFL016C, YMR161W, YNL290W, YJR068W, YMR078C, YMR089C, YER017C, YOL094C, YOR217W, YPR024W, YPR173C, YLL026W, YBL022C, YLR397C, YLL034C, YDR258C
YNL333W	6	1	YOL004W, YPL139C, YPL181W, YMR263W, YAL013W, YBR095C, YIL084C, YNL097C, YMR075W, YDR207C, YKL185W, YMR176W, YJR094C
YNL334C	6	1	YMR096W, YFL059W, YFL060C, YMR095C, YNL334C
YNR003C	30	0.826115	YFL060C, YMR095C, YMR096W, YFL059W, YNL333W
YNR006W	7	0.10110704	YDR045C, YOR207C, YOR116C, YPR190C, YJL011C, YNL151C, YKR025W, YDL150W, YKL144C, YPR110C, YNL113W, YOR210W, YOR224C, YPR187W, YBR154C, YHR143W-
YNR007C	2	0.05210993	A, YJR063W, YPR010C, YNL248C, YOR341W, YDR404C, YGL070C, YJL140W, Y
YNR010W	24	0.92484466	YHL002W, YDR358W, YHR108W, YGL023C, YDR323C, YDR313C
YNR016C	3	1	YLL042C
YNR017W	9	0.36733788	YPL042C, YGL127C, YDR308C, YCR081W, YOL051W, YPR070W, YPR168W, YBR193C, YHR058C, YGL151W, YOR174W, YBL093C, YOL135C, YBR253W, YNL236
YNR018W	10	0.54307943	YGL062W, YDR148C
YNR022C	42	0.93964999	YJL143W, YGR033C, YPL063W, YJL104W, YLR008C, YKR065C, YIL022W, YOR
YNR023W	11	0.36426611	YPR191W, YML030W, YEL024W, Q0105, YBL045C, YHR001W-
YNR031C	82	0.79428403	YNL252C, YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YNL284C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YPR100W, YPL183W-
YNR032C-A	4	0.02688574	A, YOR150W, YMR193W, YMR225C, YGR076C, YHR147C, YDR115W, YDR116C, Y
YNR034W	2	1	YOR290C, YDR073W, YPL016W, YBR289W, YHL025W, YJL176C, YFL049W, YPR
YNR035C	7	0.60224635	YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YAR019C, Y
YNR036C	3	0.01650362	LR113W, YGR092W, YDR507C, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YNL307C, YMR216C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJL165C, YJR059W, YCR008W, YHR08
			YLL039C, YMR276W, YEL037C
			YCR073W-A
			YIL062C, YLR370C, YBR234C, YKL013C, YJR065C, YDL029W
			YGR118W, YPR132W

YNR037C	30	0.92496854	YPR166C, YPL013C, YPL118W, YOR158W, YDR041W, YGR165W, YDR337W, YDR175C, YJR113C, YGR215W, YJR101W, YIL093C, YDR347W, YGL129C, YGR084C, YBR146W, YBL090W, YNL137C, YER050C, YNL306W, YMR158W, YMR188C, Y
YNR038W	4	0.35094713	YOL144W, YLR221C, YKL014C
YNR046W	2	1	YOL124C
YNR051C	3	0.04145919	YER151C, YER009W
YNR052C	9	0.74426481	YPR072W, YDL165W, YIL038C, YGR134W, YNL288W, YCR093W, YER068W, YAL
YNR053C	3	0.0336556	YGL099W, YER006W
YOL001W	5	0.13753089	YPL031C, YIL050W, YGL134W, YNL289W
YOL004W	14	0.64790442	YNL330C, YPL139C, YAL013W, YPL181W, YMR263W, YBR095C, YIL084C, YNL097C, YMR075W, YDR207C, YKL185W, YMR176W, YJR094C
YOL005C	12	0.2314147	YOR151C, YDR404C, YGL070C, YJL140W, YIL021W, YBR154C, YGL043W, YGR
YOL009C	4	0.29592768	YLL006W, YAL010C, YNL026W
YOL012C	7	0.11365368	YER030W, YDR224C, YKL049C, YNL031C, YNL030W, YAL019W
YOL013C	8	0.60976473	YLR207W, YML029W, YBR201W, YDR057W, YDR411C, YBR273C, YJL034W
			YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YAR019C, Y
YOL016C	82	0.79428403	LR113W, YGR092W, YDR507C, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YNL307C, YMR216C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJL165C, YJR059W, YCR008W, YHR08
YOL018C	14	0.41086776	YOR106W, YPL232W, YOR036W, YMR183C, YDR468C, YIL004C, YLR026C, YGL212W, YGL095C, YAL030W, YDR164C, YDR189W, YOR327C
YOL021C	13	0.9380611	YGR195W, YDL111C, YNL232W, YGR095C, YGR158C, YOL142W, YCR035C, YHR
YOL023W	13	0.58273514	YAL035W, YDR385W, YOR133W, YPL217C, YPR080W, YOR187W, YOR076C, YKR
YOL034W	7	0.90217084	YLR007W, YDR288W, YLR383W, YEL019C, YER038C, YML023C
YOL038W	15	0.76819934	YML092C, YMR314W, YGL011C, YOR362C, YFR050C, YGR135W, YER094C, YGR253C, YBL041W, YJL001W, YOR157C, YPR103W, YER012W, YLR021W
YOL039W	23	0.86398943	YDL081C, YDL130W, YDR382W, YOL127W, YPR102C, YPL131W, YOR063W, YLR340W, YDR418W, YML073C, YLR406C, YDL075W, YEL054C, YLR075W, YDL191
YOL040C	47	0.93090453	YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YGR118W, YNL178W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YOR293W, YOR167C, YPR132W, YOL121C, YPL081W, YPL090C, YOR096W, YCR031C, YJR123W, YER102W, YDR025W, YMR143W, YNL096C, YBL072C, YBR189W, YML0
YOL041C	24	0.33470465	YKL214C, YDR432W, YNL251C, YDR381W, YCL011C, YER165W, YPR112C, YNL004W, YNL197C, YDL209C, YPR042C, YOR361C, YOL123W, YPL190C, YGL044
			YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YAR019C, Y
YOL045W	82	0.79428403	LR113W, YGR092W, YDR507C, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YNL307C, YMR216C, YDR283C, YDL017W, YDL108W, YBR059C, YDL028C, YHR079C, YJL165C, YJR059W, YCR008W, YHR08
YOL051W	24	0.91938236	YPL042C, YCR081W, YGL151W, YBR193C, YNR010W, YBL093C, YHR058C, YBR253W, YDL005C, YDR308C, YGL127C, YNL236W, YGL025C, YPR070W, YPR168
YOL054W	2	0.01317474	YDR265W
YOL061W	5	0.52470276	YBL068W, YER099C, YHL011C, YKL181W
YOL062C	3	0.20845479	YJR005W, YJR058C
YOL067C	6	0.20263669	YBL103C, YOR032C, YOR344C, YFR034C, YJR060W
YOL068C	9	0.54340728	YGL194C, YDR155C, YBR103W, YKR029C, YIL112W, YCR033W, YDR310C, YOR
YOL069W	4	0.36282999	YMR117C, YER018C, YIL144W
YOL072W	3	0.11911924	YDR159W, YPR045C

YOL076W	2	0.57834354	YPR131C
YOL077C	5	0.08544689	YHR088W, YHR066W, YKR081C, YDR312W
YOL077W-A	15	0.98654867	YDR298C, YDR377W, YKL016C, Q0130, Q0080, YBL099W, Q0085, YDL004W, YDR322C-A, YLR295C, YML081C-A, YPL078C, YPL271W, YPR020W
YOL078W	8	0.63281989	YJL058C, YIL105C, YNL047C, YER093C, YMR068W, YKL203C, YNL006W
YOL080C	3	0.29999999	YGL094C, YLR107W
YOL081W	3	0.26555602	YPL242C, YKL092C
YOL082W	2	1	YOL083W
YOL083W	2	1	YOL082W
YOL088C	7	0.76569469	YER174C, YDR098C, YGR209C, YCL043C, YLR043C, YOR288C
YOL090W	6	0.58109961	YCR092C, YDR097C, YFL003C, YHR120W, YDL154W
YOL094C	10	0.6341303	YJR068W, YNL290W, YBR087W, YER173W, YMR078C, YHR191C, YCL016C, YOR
YOL108C	2	1	YDR123C
YOL110W	2	0.69487746	YLR246W
YOL112W	10	0.77421289	YMR192W, YMR055C, YNL293W, YFL027C, YGR100W, YJL044C, YDL234C, YOR
			YNL298W, YHL007C, YJL141C, YKL166C, YJL164C, YDR490C, YDL159W, YJL
			095W, YGR097W, YBL016W, YLR362W, YHR030C, YHR205W, YER114C, YJL187
			C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YLR113W, YBL085W, Y
YOL113W	91	0.8313666	KL048C, YER129W, YDL101C, YJL128C, YJR092W, YMR139W, YDR477W, YNL1
			61W, YDR507C, YAR019C, YGR092W, YOR061W, YPL204W, YPL031C, YPL209C
			, YPL203W, YPR161C, YOR267C, YPL026C, YOL128C, YPR054W, YOR233W, YP
			L153C, YOR231W, YPL140C, YMR001C, YIL035C, YGR188C, YBR097W, YHR10
			2W, YDR309C, YBR160W, YCL024W, YNL020C, YGL180W, YBL105C, YIL095W,
YOL115W	5	0.23818638	YJL050W, YIL079C, YDL175C, YNL299W
YOL116W	4	0.1587905	YGR140W, YMR172W, YPL075W
YOL117W	5	0.28340637	YMR025W, YJR084W, YDR179C, YDL216C
			YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YGR118W, YNL
YOL121C	47	0.95106763	302C, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074
			W, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YPL081W, YOR293W, Y
			PR132W, YOR167C, YPL090C, YOR096W, YMR143W, YNL096C, YBL072C, YBR1
YOL123W	5	0.23061591	YGL044C, YDR228C, YMR061W, YOR250C
YOL124C	2	1	YNR046W
			YDL130W, YDL081C, YDR382W, YOL039W, YLR340W, YDR418W, YML073C, YLR
YOL127W	25	0.91057515	406C, YDL075W, YEL054C, YLR075W, YDL191W, YGR085C, YDL136W, YGL030
			W, YPR102C, YPL131W, YOR063W, YLR448W, YKR094C, YIL148W, YGL099W, Y
			YJL141C, YKL166C, YJL164C, YDR490C, YJL095W, YHR030C, YHR205W, YLR
			362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048
			C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YAR019C, Y
YOL128C	82	0.79428403	LR113W, YGR092W, YDR507C, YOL113W, YIL035C, YMR001C, YNL298W, YGR1
			88C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W
			, YBL105C, YKL139W, YHL007C, YHR135C, YNL307C, YMR216C, YDR283C, YD
			L017W, YDL108W, YBR059C, YDL028C, YHR079C, YJR059W, YJL165C, YCR00
YOL133W	11	0.45740608	YJR090C, YDL132W, YDR328C, YLR368W, YJL149W, YOR057W, YDR054C, YML
YOL135C	24	0.92484466	YPL042C, YPR070W, YPR168W, YOR174W, YBL093C, YBR193C, YHR058C, YGL
			151W, YNR010W, YBR253W, YDR308C, YDL005C, YNL236W, YGL127C, YGL025
YOL139C	3	0.13360235	YKR059W, YGR162W
YOL142W	12	0.93684302	YCR035C, YNL232W, YGR095C, YGR195W, YDL111C, YOL021C, YGR158C, YHR
YOL144W	4	0.30151981	YNR038W, YLR221C, YKL014C
YOL145C	6	0.45873564	YOR123C, YBR279W, YGL244W, YLR418C, YDR138W
YOL146W	4	0.22733004	YJL072C, YDR013W, YDR489W
			YMR223W, YGL066W, YDR392W, YBR081C, YDR176W, YDR448W, YGR252W, YPL
YOL148C	31	0.82917941	254W, YCL010C, YLR055C, YBR111W-
			A, YDR167W, YMR236W, YGL112C, YDR145W, YBR198C, YHR099W, YPL047W, Y

YOR001W	12	0.93684302	YHR081W, YNL232W, YGR095C, YCR035C, YOL021C, YGR195W, YHR069C, YDL
YOR004W	2	1	YDR339C
YOR005C	3	0.11267335	YGL090W, YDL164C
YOR007C	8	0.18287793	YOL145C, YJR032W, YBR155W, YLR216C, YBR112C, YPR189W, YOR027W
YOR008C	2	1	YNL283C
YOR014W	7	0.31446068	YAL016W, YDL134C, YMR273C, YML109W, YPL152W, YMR028W
YOR016C	7	0.35057078	YHR110W, YDL018C, YML012W, YAR002C-A, YGL002W, YGL200C
YOR018W	4	0.76716243	YGL045W, YPR030W, YBL101C
YOR023C	28	0.69890947	YPL254W, YDR176W, YDR448W, YGR252W, YPL047W, YCL010C, YMR223W, YLR 055C, YGL066W, YOL148C, YBR111W- A, YDR392W, YBR081C, YDR167W, YHR099W, YMR236W, YGL112C, YDR145W, Y
YOR025W	4	0.0675787	YOL068C, YDL042C, YDR191W
YOR026W	5	0.14762861	YJL013C, YGR188C, YJL030W, YGL086W
YOR027W	8	0.2203586	YJR032W, YBR112C, YBR155W, YPR189W, YOR007C, YLR216C, YCR060W
YOR028C	6	0.72546484	YDR423C, YML007W, YEL009C, YIL036W, YIR018W
YOR030W	2	1	YNL294C
YOR032C	6	0.7764523	YOL067C, YBL103C, YJR060W, YFR034C, YOR344C
YOR033C	4	0.12656443	YNL085W, YKL113C, YER041W
YOR034C	7	0.36725264	YDR264C, YLR182W, YER111C, YKLO20C, YIR033W, YNL326C
YOR036W	14	0.36140407	YOR106W, YOL018C, YPL232W, YMR183C, YDR468C, YIL004C, YLR026C, YGL 212W, YGL095C, YAL030W, YDR164C, YDR189W, YOR327C
YOR038C	4	0.24898974	YBL008W, YJR140C, YBR215W
YOR039W	7	0.27725117	YGL019W, YOR061W, YCL031C, YIL035C, YLR223C, YGR090W
YOR043W	2	0.68865503	YLL010C
YOR045W	6	0.69198386	YGR082W, YNL121C, YMR203W, YNL131W, YNL070W
YOR046C	32	0.52397824	YGL251C, YDL031W, YNL112W, YLR276C, YKR059W, YLR398C, YBR142W, YNR 038W, YLL008W, YFL002C, YJL050W, YKR024C, YJL138C, YGL078C, YOR204 W, YDL084W, YGL064C, YMR190C, YGL120C, YMR128W, YGL171W, YKL078W, Y
YOR048C	3	1	YGL246C, YGL173C
YOR057W	12	0.44868553	YDR054C, YFL009W, YDL132W, YDR328C, YLR368W, YJL149W, YOL133W, YJR
YOR061W	7	0.22973104	YIL035C, YGL019W, YOR039W, YCL031C, YGR090W, YLR223C
YOR063W	25	0.93683214	YDL130W, YDL081C, YDR382W, YOL039W, YLR340W, YDR418W, YML073C, YLR 406C, YDL075W, YEL054C, YLR075W, YGR085C, YDL191W, YGL030W, YPR102 C, YDL136W, YPL131W, YLR448W, YOL127W, YKR094C, YIL148W, YGL099W, Y
YOR064C	3	0.08332592	YPR031W, YBL052C
YOR069W	5	0.71289739	YOR132W, YHR012W, YJL154C, YJL053W
YOR070C	10	0.77421289	YMR192W, YMR055C, YNL293W, YFL027C, YGR100W, YJL044C, YDL234C, YOL
YOR075W	6	0.55007091	YGL145W, YDR498C, YLR440C, YGL098W, YNL258C
YOR076C	13	0.54372953	YDR385W, YOL023W, YKR084C, YBR118W, YDR172W, YOR133W, YPL217C, YPR
YOR080W	15	0.4544955	YIL046W, YFL009W, YLR368W, YJL149W, YML088W, YDR219C, YNL311C, YDR 054C, YOL133W, YDL132W, YDR328C, YJR090C, YOR057W, YJL047C
YOR085W	9	0.99869898	YML019W, YJL002C, YGL022W, YGL226C-
YOR089C	24	0.71219838	YNL098C, YOR101W, YPR165W, YKR014C, YNL093W, YGR152C, YKR055W, YER 031C, YGL210W, YFL038C, YML064C, YLR229C, YFL005W, YLR262C, YLR293
YOR094W	3	0.07621131	YDL137W, YBR164C
YOR096W	48	0.95525325	YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL096C, YGR118W, YNL 178W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074 W, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, Y BL072C, YBR189W, YML063W, YPL081W, YOR293W, YOR167C, YPR132W, YPL0 YPR165W, YNL093W, YKR014C, YOR089C, YGR152C, YER031C, YNL098C, YGL 210W, YKR055W, YFL038C, YML064C, YFL005W, YLR229C, YLR262C, YLR293
YOR101W	22	0.61577638	
YOR103C	9	0.99869898	YGL226C-

YOR106W	14	0.35666298	YGL212W, YOL018C, YDR468C, YOR036W, YMR183C, YIL004C, YLR026C, YPL232W, YGL095C, YAL030W, YDR164C, YDR189W, YOR327C
YOR115C	11	1	YKR068C, YDR472W, YDR108W, YBR254C, YML077W, YDR246W, YDR407C, YMR YNL151C, YJL011C, YNR003C, YKR025W, YDL150W, YKL144C, YOR207C, YPR190C, YDR045C, YPR110C, YNL113W, YOR210W, YOR224C, YPR187W, YOR341W, YBR154C, YHR143W-
YOR116C	33	0.93293629	A, YDR156W, YJR063W, YNL248C, YPR010C, YOR151C, YJL148W, YOR340C, Y YDR394W, YGL048C, YDL007W, YKL145W, YOR259C, YDR363W-
YOR117W	29	0.81595767	A, YFR010W, YLR421C, YFR052W, YDL097C, YIL075C, YDR427W, YGR232W, Y ER021W, YPR108W, YHR027C, YOR261C, YHR200W, YDL147W, YHL030W, YFRO
YOR119C	2	0.0030109	YNL207W
YOR123C	6	0.22538392	YGL244W, YOL145C, YBR279W, YLR418C, YDR138W
YOR124C	12	0.41707435	YMR304W, YPL072W, YDR069C, YER151C, YIL156W, YNL186W, YBR058C, YER
YOR127W	8	0.63838119	YDL240W, YDR379W, YER155C, YFL047W, YJL201W, YOR134W, YDR389W
YOR132W	5	0.71214723	YOR069W, YJL154C, YJL053W, YHR012W
YOR133W	13	0.27050524	YDR385W, YLR069C, YPR080W, YOR187W, YJL102W, YKR084C, YBR118W, YDR
YOR134W	9	0.53522147	YER155C, YFL047W, YPL115C, YDR379W, YOR127W, YDL240W, YDR389W, YJL
YOR136W	3	1	YNL037C, YDL066W
YOR138C	6	0.18766349	YBL047C, YER143W, YGL181W, YMR276W, YBR058C
YOR140W	4	0.857217	YGL073W, YHR206W, YGR249W
YOR141C	15	0.3498919	YNL059C, YLR052W, YDL002C, YFL013C, YOR189W, YGL150C, YPL235W, YDR190C, YFL039C, YJL081C, YBR089C-A, YPR052C, YMR072W, YDR174W
YOR144C	10	0.62433506	YBR087W, YOL094C, YJR068W, YNL290W, YER173W, YOR217W, YMR078C, YHR
YOR147W	2	1	YHR194W
YOR149C	2	1	YNL219C
YOR150W	42	0.98151011	YNL252C, YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCRO71C, YDR405W, YML025C, YKR006C, YNL284C, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR225C, YMR193W, YNR022C, YDL202W, Y KR085C, YGR076C, YHR147C, YDR115W, YDR116C, YCRO03W, YKL170W, YCRO YDR404C, YGL070C, YOL005C, YJL140W, YIL021W, YBR154C, YOR210W, YOR224C, YPR187W, YGL043W, YGR063C, YGR186W, YGR005C, YML010W, YNL248C, YJR063W, YPR110C, YJL148W, YNL113W, YKL144C, YOR340C, YDL150W, Y
YOR151C	30	0.63429611	YDR011W, YDR406W, YPL226W, YLR249W, YDR091C, YER036C, YNL014W, YGR
YOR153W	10	0.14856632	YDR409W, YLR394W, YER063W
YOR156C	4	0.22601638	YFR050C, YBL041W, YOR362C, YER094C, YML092C, YMR314W, YGL011C, YPR103W, YOL038W, YJL001W, YGR253C, YGR135W, YER012W
YOR157C	14	0.76327804	YKL155C, YNR037C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR
YOR158W	30	0.91133931	215W, YGR165W, YJR101W, YIL093C, YGL129C, YGR084C, YDR347W, YBL090W, YBR146W, YNL137C, YNL306W, YHL004W, YMR188C, YMR158W, YBR251W, Y YFL017W-
YOR159C	40	0.62511522	A, YGR074W, YLR147C, YPR182W, YLR275W, YER029C, YGR013W, YKL012W, Y LR298C, YBR119W, YHR086W, YDR240C, YIL061C, YDR235W, YMR125W, YLR116W, YIR009W, YPL178W, YDL030W, YMR240C, YJL203W, YML049C, YMR288W, YPL213W, YOR319W, YNL286W, YIR005W, YDL209C, YGR278W, YDR432W, YK
YOR160W	2	0.27686085	YKL205W
YOR167C	46	0.95486829	YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YGR118W, YLR264W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, Y NL096C, YBL072C, YBR189W, YML063W, YLR441C, YML024W, YOR096W, YDR0
YOR172W	13	0.57923692	YKL038W, YMR168C, YOR337W, YOR363C, YGL013C, YDR034C, YHR178W, YKL
YOR174W	24	0.89920773	YPL042C, YNL236W, YCR081W, YOL135C, YGL151W, YHR041C, YPR070W, YBR193C, YNR010W, YHR058C, YBR253W, YPR168W, YBL093C, YDL005C, YDR308
YOR178C	3	0.0265399	YER133W, YER054C

YOR179C	19	0.77418698	YLR277C, YKR002W, YLR115W, YNL317W, YJR093C, YKL059C, YNL222W, YGR156W, YDR195W, YDR301W, YPR107C, YAL043C, YKL018W, YER133W, YDR228
YOR181W	2	0.03164406	YLR337C
YOR187W	16	0.43508357	YBR118W, YDR385W, YDR172W, YPR080W, YOR133W, YKR084C, YAL035W, YLR069C, YJL102W, YOL023W, YOR076C, YPL217C, YAL003W, YBR143C, YPL048
YOR189W	15	0.35893441	YDL002C, YLR052W, YNL059C, YFL013C, YOR141C, YGL150C, YPL235W, YDR190C, YFL039C, YJL081C, YBR089C-A, YMR072W, YDR174W, YPR052C
YOR191W	41	0.54160171	YBR245C, YLR032W, YBR114W, YOR304W, YPL082C, YGL150C, YDR334W, YAL019W, YBR073W, YFR038W, YJR035W, YGL163C, YGL251C, YIR002C, YDL031
YOR194C	2	0.04679093	W, YNL112W, YKR059W, YLR276C, YLR398C, YBR142W, YNR038W, YLL008W, YFL002C, YJL050W, YKR024C, YOR204W, YJL138C, YGL078C, YOR046C, YDLO
YOR204W	34	0.4504793	YKL058W
YOR206W	3	0.0962451	YGL251C, YDL031W, YNL112W, YLR276C, YLR398C, YBR142W, YNR038W, YLL008W, YFL002C, YKR059W, YJL050W, YKR024C, YGL078C, YOR046C, YDL084
YOR207C	32	0.84551547	W, YGL064C, YMR190C, YGL120C, YMR128W, YJL138C, YGL171W, YKL078W, YDR060W, YLR002C
YOR208W	3	0.49994138	YJL011C, YNL151C, YKR025W, YNR003C, YDL150W, YKL144C, YOR116C, YDR045C, YPR190C, YPR110C, YNL113W, YOR210W, YPR187W, YOR224C, YPR010
YOR210W	35	0.86781098	C, YBR154C, YHR143W-A, YJR063W, YNL248C, YGL070C, YDR404C, YJL148W, YOR341W, YOL005C, Y
YOR211C	3	1	YER075C, YDL230W
YOR212W	5	0.26325238	YBR154C, YHR143W-A, YPR187W, YNL113W, YOR224C, YKL144C, YDL150W, YJR063W, YNR003C, Y
YOR213C	3	0.10678768	NL248C, YNL151C, YKR025W, YJL011C, YOR116C, YDR045C, YJL148W, YOR207C, YDR156W, YPR110C, YDR404C, YGL070C, YOL005C, YJL140W, YOR151C
YOR217W	10	0.53942867	YLL001W, YKR001C
YOR224C	35	0.86781098	YJR086W, YHR005C, YJL157C, YAL041W
YOR226C	2	1	YDR181C, YMR127C
YOR229W	54	0.45354158	YOL094C, YJR068W, YNL290W, YBR087W, YMR078C, YER173W, YOR144C, YHR
YOR230W	54	0.45354158	YPR187W, YBR154C, YNL113W, YOR210W, YHR143W-A, YJR063W, YKL144C, YNL248C, YNR003C, YDL150W, YNL151C, YKR025W, Y
YOR231W	83	0.83936296	JL011C, YDR045C, YOR116C, YJL148W, YPR110C, YOR207C, YDR156W, YDR404C, YGL070C, YOL005C, YJL140W, YOR151C, YIL021W, YPR010C, YPR190C
YOR232W	9	0.63277579	YPL135W
			YOR272W, YPL100W, YPL126W, YPL139C, YPL151C, YOR269W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YMR093W, YOR230W, YER082
			C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YGL100W, YLR208W, YOR212W, YCR084C, YKL021C, YOR026W, YNL182C, YIL046W, YFL009W, YBR103W, YBL008W, YMR049C, YNL253W, YGL213C, YBR234C, YGR200C, YCR072C
			YOR272W, YPL100W, YPL126W, YPL139C, YPL151C, YOR269W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YMR093W, YOR229W, YER082
			C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YGL100W, YLR208W, YOR212W, YCR084C, YKL021C, YOR026W, YNL182C, YIL046W, YFL009W, YBR103W, YBL008W, YMR049C, YNL253W, YGL213C, YBR234C, YGR200C, YCR072C
			YJL141C, YKL166C, YJL164C, YDR490C, YPL153C, YPL204W, YPL209C, YPL203W, YPR161C, YPL031C, YPR054W, YPL026C, YOR267C, YOR233W, YDL159
			W, YPL140C, YBL016W, YHR205W, YLR362W, YJL187C, YJL095W, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YHR030C, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YDR477W, YNL161W, YAR019C, YLR113W, YGR092W
			, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL10
			YIL022W, YKR065C, YJL104W, YLR008C, YJL143W, YGR033C, YNR017W, YPL

YOR233W	81	0.79371603	YJL141C, YKL166C, YJL164C, YDR490C, YOR231W, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YKL101W, YLR096W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YPL204W, YPL153C, YPL209C, YPL203W, YPL031C, YPR161C, YPR054W, YPL026C, YOR267C, YPL140C, YDR477W, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL00YEL018W, YNL136W, YHR090C, YDR359C, YFL024C, YJR082C, YPR023C, YGR002C, YNL107W, YJL081C, YFL039C, YDR485C, YBR231C, YAL011W, YML041YFR036W, YDL008W, YNL172W, YDR260C, YDR118W, YBL084C, YKL022C, YLR127C, YHR166C, YIR025W, YGL240W, YLR102C, YGL003C
YOR244W	21	0.58012947	YGL044C, YDR228C, YMR061W, YOL123W
YOR249C	14	0.89827644	YDL007W, YDR394W, YKL145W, YGL048C, YOR117W, YLR421C, YDR363W-
YOR250C	5	0.2178851	A, YFR010W, YER021W, YIL075C, YDL097C, YFR052W, YDR427W, YGR232W, YOR261C, YPR108W, YHR027C, YHR200W, YDL147W, YHL030W, YFR004W, YBRO
YOR259C	29	0.81595767	YLR291C, YGR083C, YKR026C, YDR211W, YJR007W, YPR041W
YOR260W	7	0.79644826	YFR004W, YDR363W-
YOR261C	27	0.810026	A, YFR010W, YDL007W, YLR421C, YIL075C, YFR052W, YDL097C, YDR427W, YDR394W, YOR259C, YGR232W, YGL048C, YKL145W, YOR117W, YER021W, YPR108W, YHR027C, YHR200W, YDL147W, YHL030W, YBR080C, YER162C, YOL072W
YOR262W	2	1	YJR072C
YOR267C	81	0.74672096	YJL141C, YKL166C, YJL164C, YDR490C, YOR231W, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YOR233W, YDR477W, YPL153C, YPL203W, YPL204W, YPL031C, YPL209C, YPR161C, YPR054W, YPL026C, YPL140C, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL00YOR230W, YOR229W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YOR212W, YCR084C, YKL021C, YOR026W, YNL182C, YIL046W, YFL009W, YBL008W, YMR049C, YNL253W, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YNL006W, YLR429W, YIR012W, YDR080W, YKL213C, YEL056W, YER107C, YLR196W
YOR269W	50	0.39855446	YPL234C, YPR036W, YOR332W, YGR020C, YHR039C-
YOR270C	16	0.95030804	A, YEL027W, YDL185W, YHR026W, YEL051W, YLR447C, YKL080W, YBR127C, YCR072C, YOR230W, YOR229W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YNL182C, YGL100W, YLR208W, YOR212W, YCR084C, YKL021C, YOR026W, YIL046W, YFL009W, YBR103W, YPL126W, YBL008W, YNL253W, YPL100W, YPL151C, YGL213C, YBR234C, YGR200C, YGL190C, YNL006W, YIR012W, YLR429W
YOR272W	57	0.45090321	YPL084W
YOR275C	2	0.04761722	YDR310C
YOR279C	2	0.08577332	YER174C, YDR098C, YGR209C, YCL043C, YLR043C, YOL088C
YOR288C	7	0.76569469	YDR073W, YNR023W, YBR289W, YHL025W, YJL176C, YFL049W, YPL016W, YPR
YOR290C	11	0.37810977	YGL189C, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YGR118W, YMR230W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074W, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, YNL096C, YBL072C, YBR189W, YML063W, YLR441C, YML024W, YOR096W, YDRO
YOR293W	46	0.95486829	YBL025W, YMR270C, YLR141W
YOR295W	4	0.28467485	YKR027W, YMR237W, YJL099W, YLR330W, YDL192W, YDL137W
YOR299W	7	0.54686168	YJL065C, YGL133W, YDR121W, YBR278W, YPR175W, YNL262W
YOR304W	7	0.43340705	

YOR308C	20	0. 55662541	YDL098C, YBR152W, YBR055C, YDR473C, YGR091W, YPR178W, YLR438C- A, YJR022W, YDR378C, YNL147W, YBL026W, YER112W, YER146W, YPR082C, Y KL173W, YGR006W, YEL026W, YJL124C, YOR310C
YOR310C	2	0. 02612488	YLR197W
YOR319W	11	0. 35092387	YMR288W, YML049C, YMR240C, YPL213W, YPR094W, YJL203W, YIR009W, YDL
YOR326W	3	0. 14314462	YAL029C, YHR023W
YOR327C	13	0. 40959763	YPL232W, YKL196C, YLR268W, YLR093C, YAL030W, YLR026C, YDR468C, YOR
YOR332W	16	0. 95030804	YEL027W, YHR026W, YPL234C, YGR020C, YHR039C- A, YLR447C, YPR036W, YDL185W, YEL051W, YKL080W, YBR127C, YMR054W, Y
YOR337W	12	0. 61257576	YGL013C, YHR178W, YKL015W, YKL038W, YOR172W, YDR034C, YAL051W, YLR
YOR340C	35	0. 89951166	YJL148W, YPR010C, YNL248C, YJR063W, YDR156W, YOR341W, YPR110C, YPR 187W, YNL113W, YBR154C, YOR224C, YOR210W, YHR143W- A, YDR404C, YKL144C, YPR190C, YOR116C, YGL070C, YOL005C, YDL150W, Y GR063C, YJL140W, YOR207C, YOR151C, YGR186W, YILO21W, YKR025W, YNR0 YJL148W, YNL248C, YJR063W, YPR010C, YOR340C, YDR156W, YPR110C, YNL
YOR341W	34	0. 83652882	113W, YPR187W, YBR154C, YOR210W, YOR224C, YHR143W- A, YDR045C, YOR207C, YKL144C, YDL150W, YPR190C, YKR025W, YNR003C, Y JL011C, YDR404C, YGL070C, YOL005C, YJL140W, YGR063C, YOR151C, YNL1
YOR344C	6	0. 19802924	YOL067C, YBL103C, YJR060W, YFR034C, YOR032C
YOR353C	3	0. 22584836	YHR102W, YKL189W
YOR357C	8	0. 3108471	YDL113C, YOR069W, YOR132W, YJL036W, YPL115C, YMR004W, YDR425W
YOR359W	3	0. 03733172	YER114C, YBL085W
YOR361C	6	0. 28888831	YLR192C, YPR041W, YMR012W, YJR007W, YMR229C
YOR362C	14	0. 76327804	YML092C, YMR314W, YGL011C, YOL038W, YFR050C, YGR135W, YGR253C, YER 094C, YBL041W, YOR157C, YPR103W, YJL001W, YER012W
YOR363C	2	0. 20051681	YAL051W
YOR367W	4	0. 6531589	YER016W, YPL242C, YDR129C
YOR368W	3	1	YLR288C, YPL194W
YOR370C	2	0. 04957626	YER136W
YOR371C	3	0. 29038933	YGR238C, YAL056W
YOR375C	2	1	YAL062W
YPL002C	3	0. 59211047	YLR417W, YJR102C
YPL004C	2	0. 06818221	YGR086C
YPL008W	2	0. 01916702	YER171W
YPL010W	10	0. 54031851	YFR051C, YDR238C, YNL287W, YILO76W, YGL137W, YDL145C, YER122C, YDL
YPL011C	9	0. 36733537	YML015C, YCR042C, YMR227C, YML098W, YML114C, YGR274C, YMR005W, YER YKL155C, YNR037C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR
YPL013C	30	0. 9173399	215W, YHL004W, YJR101W, YILO93C, YGL129C, YGR084C, YDR347W, YBL090 W, YBR146W, YGR165W, YNL306W, YMR158W, YMR188C, YNL137C, YBR251W, Y
YPL016W	11	0. 36426611	YDR073W, YNR023W, YBR289W, YHL025W, YJL176C, YFL049W, YOR290C, YPR
YPL018W	3	0. 14513812	YDR318W, YGR179C
YPL019C	4	0. 56672143	YJL012C, YER072W, YFL004W
YPL020C	2	1	YILO31W
YPL022W	2	0. 25683591	YML095C
YPL024W	2	0. 13475445	YLR234W YJL141C, YKL166C, YJL164C, YDR490C, YOR231W, YJL095W, YHR030C, YHR 205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101 W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YOR233W, YDR477W, Y OR267C, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR0 61W, YILO35C, YMR001C, YNL298W, YGR188C, YBR097W, YHR102W, YBR160W , YNL020C, YCLO24W, YGL180W, YILO95W, YBL105C, YKL139W, YHL007C, YH R135C, YNL307C, YMR216C, YDR283C, YDL017W, YBR059C, YDL028C, YHR07
YPL026C	81	0. 79428054	
YPL031C	5	0. 13407104	YGL134W, YOL001W, YNL289W, YILO50W

YPL032C	3	1	YDR197W, YDR251W
YPL038W	6	0.39638181	YIR017C, YDR253C, YHL027W, YDR463W, YMR182C
YPL040C	3	1	YPL160W, YLR382C
YPL042C	24	0.89920773	YOR174W, YBL093C, YHR058C, YGL127C, YBR253W, YBR193C, YGL151W, YNL236W, YDR308C, YNR010W, YOL135C, YDL005C, YOL051W, YGL025C, YHR041YHR086W, YBR119W, YPR112C, YKL214C, YDR432W, YIL061C, YNL251C, YOL
YPL043W	32	0.31228844	123W, YDR381W, YCL011C, YER165W, YNL004W, YIR005W, YOR319W, YDL209C, YNL197C, YOR361C, YPL178W, YPR042C, YPL190C, YGR159C, YGL044C, Y
YPL045W	8	0.54147929	YLR148W, YMR231W, YLR396C, YDR495C, YAL002W, YDL077C, YLR093C
YPL046C	6	0.47293022	YBR114W, YJR052W, YGR003W, YNL230C, YKL112W YCL010C, YLR055C, YBR111W-
YPL047W	30	0.77811543	A, YMR223W, YGL066W, YOL148C, YBR081C, YDR392W, YPL254W, YDR176W, YDR448W, YGR252W, YDR167W, YMR236W, YGL112C, YDR145W, YBR198C, YHR099W, YER164W, YOR023C, YER148W, YGR274C, YML114C, YMR005W, YCR042C
YPL048W	4	0.39598629	YAL003W, YBR118W, YPR080W
YPL050C	6	0.99166303	YEL036C, YJL183W, YJR075W, YDR245W, YML115C
YPL055C	2	0.15956143	YDL074C
YPL059W	4	0.32049263	YER174C, YDR098C, YCL035C
YPL061W	3	1	YHR039C, YMR110C
YPL063W	9	0.63171372	YGR033C, YJL143W, YNR017W, YLR008C, YJL104W, YIL022W, YKR065C, YOR
YPL065W	4	0.52179219	YGR206W, YLR119W, YCL008C
YPL072W	12	0.55967639	YMR304W, YOR124C, YDR069C, YER151C, YIL156W, YNL186W, YBR058C, YER
YPL075W	2	0.67280982	YNL199C
YPL078C	15	0.91360952	YPR020W, YPL271W, YKL016C, Q0080, YDR298C, Q0085, YBL099W, Q0130, YDR377W, YLR295C, YML081C-A, YOLO77W-A, YDL004W, YDR322C-A YGL189C, YBR189W, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YGR
YPL081W	47	0.95355454	118W, YBR181C, YJL191W, YHL015W, YKR057W, YBR048W, YER074W, YML026C, YPR132W, YOL040C, YPL090C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, YNL096C, YBL072C, YML063W, YLR441C, YML024W, YOR0YER148W, YOR304W, YBR245C, YLR032W, YBR114W, YOR191W, YGL150C, YDR334W, YER164W, YOR290C, YIL126W, YAL019W, YBR073W, YFR038W, YJR035
YPL082C	50	0.48460075	W, YGL163C, YGL251C, YIR002C, YDL031W, YNL112W, YKR059W, YLR276C, YLR398C, YBR142W, YNR038W, YLLO08W, YFL002C, YJL050W, YKR024C, YMR190C, YJL138C, YOR204W, YGL078C, YOR046C, YDL084W, YGL064C, YGL120C
YPL084W	2	0.04761722	YOR275C
YPL086C	6	0.67117109	YMR312W, YHR187W, YPL101W, YLR384C, YGR200C
YPL088W	2	1	YJR096W
YPL089C	3	0.40702336	YMR043W, YMR042W YGL189C, YMR116C, YBR181C, YGR214W, YGL123W, YER131W, YGR118W, YNL
YPL090C	47	0.95457316	178W, YPR132W, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074W, YPL081W, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, YNL096C, YBL072C, YBR189W, YML063W, YLR441C, YML024W, YOR0YOR230W, YOR229W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER082C, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YOR212
YPL100W	49	0.41083981	W, YCR084C, YKL021C, YOR026W, YNL182C, YIL046W, YFL009W, YBL008W, YMR049C, YNL253W, YOR272W, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YNL006W, YLR429W, YIR012W, YDR080W, YKL213C, YEL056W, YER107C
YPL101W	6	0.67117109	YMR312W, YHR187W, YPL086C, YLR384C, YGR200C
YPL106C	13	0.34993545	YBR169C, YDL229W, YHR064C, YLLO24C, YNL209W, YJL034W, YAL005C, YLR
YPL115C	11	0.20291181	YER114C, YNL047C, YBL085W, YIL105C, YJR092W, YGR097W, YDL019C, YLR
YPL116W	3	0.11582529	YNL021W, YPR068C

YPL118W	30	0. 9173399	YKL155C, YNR037C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YHL004W, YJR101W, YIL093C, YGL129C, YGR084C, YDR347W, YBL090W, YBR146W, YGR165W, YMR188C, YMR158W, YNL306W, YNL137C, YBR251W, Y
YPL120W	5	0. 30677057	YLR240W, YBR097W, YBR128C, YLR360W
YPL121C	2	0. 21735667	YHR079C-A
YPL122C	11	0. 67916524	YER171W, YPR056W, YLR005W, YDR311W, YIL143C, YDL108W, YDR460W, YPR
YPL124W	7	0. 68819714	YKL042W, YNL225C, YDR356W, YBR109C, YAL047C, YDL239C
YPL125W	8	0. 4789942	YGL238W, YGR218W, YLR347C, YER110C, YGL241W, YDR395W, YJR132W
YPL126W	8	0. 29415922	YEL055C, YMR093W, YDR324C, YGR128C, YHR196W, YJL109C, YDR398W
YPL129W	23	0. 38522429	YLR052W, YNR023W, YDR073W, YDL002C, YBR289W, YFL013C, YHL025W, YNL059C, YOR189W, YPL016W, YJL176C, YFL049W, YOR141C, YOR290C, YGL150YDL130W, YDL081C, YDR382W, YOL039W, YLR340W, YDR418W, YML073C, YLR
YPL131W	25	0. 91057515	406C, YDL075W, YEL054C, YLR075W, YDL191W, YPR102C, YDL136W, YGL030W, YOR063W, YGR085C, YOL127W, YLR448W, YKR094C, YIL148W, YGL099W, Y
YPL135W	2	1	YOR226C
YPL138C	7	0. 39788468	YDR469W, YBR175W, YBR258C, YLR015W, YAR003W, YHR119W
YPL139C	14	0. 75350753	YOL004W, YNL330C, YIL084C, YBR095C, YMR263W, YAL013W, YPL181W, YNL097C, YDR207C, YMR075W, YKL185W, YMR176W, YJR094C
YPL140C	83	0. 83880642	YJL141C, YKL166C, YJL164C, YDR490C, YPL153C, YPL204W, YPL209C, YPL203W, YPR161C, YPR054W, YDL159W, YOR231W, YBL016W, YHR205W, YLR362W, YJL187C, YHR030C, YDR122W, YJL095W, YGR040W, YGL158W, YLR096W, Y
YPL144W	2	0. 02374123	KL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YOR233W, YDR477W, YOR267C, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YNL298W, YPL031C, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCLO24W, YGL180W, YIL095W, YBL105C, YKL13
YPL145C	5	0. 21820456	YLR021W
YPL149W	4	0. 24788049	YDL019C, YAR042W, YHR001W, YHR073W
YPL151C	49	0. 41466577	YMR159C, YBR217W, YLL042C
YPL152W	8	0. 26441247	YOR230W, YOR229W, YJL112W, YKR036C, YLR129W, YJL069C, YLR222C, YLR409C, YER082C, YPL126W, YDR324C, YCR057C, YDR267C, YFR021W, YLL011W, YOR212W, YCR084C, YKL021C, YOR026W, YNL182C, YIL046W, YFL009W, YBL008W, YMR049C, YNL253W, YOR272W, YGL213C, YBR234C, YGR200C, YCR072C, YGL190C, YNL006W, YLR429W, YIR012W, YDR080W, YKL213C, YEL056W
YPL153C	11	0. 21933791	YMR028W, YDL134C, YIL153W, YAL016W, YOR014W, YMR273C, YML109W
YPL155C	6	0. 67086462	YJL115W, YNL116W, YHR115C, YNL068C, YLR016C, YLR183C, YDR369C, YIL
YPL160W	3	1	YGL216W, YPR141C, YKL079W, YEL061C, YBL063W
YPL164C	3	0. 26623918	YPL040C, YLR382C
YPL169C	2	0. 03790503	YMR167W, YNL082W
YPL173W	42	0. 940837	YKL186C
YPL174C	3	0. 39100451	YNL252C, YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YDR462W, YCR071C, YML025C, YMR024W, YNL284C, YPR100W, YPL183W-
YPL178W	31	0. 50995919	A, YDR405W, YKR006C, YLR439W, YKL167C, YBR282W, YML009C, YJL096W, YNR022C, YMR225C, YMR193W, YGR076C, YHR147C, YDR115W, YDR116C, YDL202W, YKR085C, YCR003W, YJL063C, YMR286W, YLR312W-
YPL179W	8	0. 34495948	YHR129C, YMR294W
YPL180W	3	0. 2786529	YLR116W, YMR125W, YIL061C, YHR086W, YBR119W, YDR235W, YDR240C, YLR298C, YKL012W, YGR013W, YGR074W, YLR147C, YFL017W-
YPL181W	14	0. 71149396	A, YOR159C, YLR275W, YER029C, YDR432W, YDL209C, YER165W, YIR009W, YPL213W, YGR162W, YMR240C, YDL030W, YJL203W, YOL139C, YML049C, YMR2
			YLR433C, YML057W, YML016C, YDL188C, YKL149C, YLR361C, YIL039W
			YJR066W, YHR186C
			YNL097C, YMR263W, YIL084C, YBR095C, YAL013W, YNL330C, YOL004W, YDR207C, YKL185W, YPL139C, YMR176W, YMR075W, YJR094C

YPL183W-A	42	0.98151011	YNL252C, YDR237W, YBR122C, YDR322W, YNL005C, YBL038W, YMR024W, YDR462W, YCR071C, YDR405W, YML025C, YKR006C, YNL284C, YPL173W, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR193W, YNR022C, YMR225C, YKR085C, YGR076C, YHR147C, YDR115W, YDR116C, YDL202W, YCR003W, YCR0YPR112C, YPR042C, YKL214C, YDR432W, YDR381W, YOL123W, YCL011C, YNL004W, YER165W, YNL251C, YNL197C, YOR361C, YDL209C, YOL041C, YPL043
YPL190C	24	0.29922596	YOR368W, YLR288C
YPL194W	3	1	
YPL195W	4	0.43027098	YBR288C, YGR261C, YJL024C
YPL202C	2	0.07884013	YGL071W
YPL203W	78	0.73317234	YKL166C, YJL164C, YDR490C, YJL141C, YPR054W, YPL140C, YOR231W, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, YOR233W, YDR477W, YOR267C, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YPL153C, YNL298W, YPL031C, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YNL307C, YMR216C, YDR28
YPL204W	3	0.0239885	YDR439W, YOR119C
YPL209C	3	0.05353544	YBR156C, YJR089W
YPL210C	6	0.71854586	YPR088C, YKL122C, YML105C, YPL243W, YDL092W
YPL213W	11	0.34479619	YJL203W, YOR319W, YIR009W, YML049C, YMR240C, YDL030W, YMR288W, YNL
YPL217C	9	0.069005	YDL060W, YOL023W, YOR076C, YAL035W, YOR187W, YPR080W, YLR069C, YJL
YPL221W	2	1	YAL053W
YPL226W	10	0.9509389	YDR011W, YOR153W, YLR249W, YDR091C, YER036C, YNL014W, YDR406W, YGR
YPL227C	2	1	YPR183W
YPL232W	5	0.21927417	YAL030W, YGR009C, YOR327C, YPR032W
YPL233W	4	0.20208547	YJR112W, YAL034W-A, YIR010W
YPL234C	16	0.85747943	YHR026W, YEL027W, YGR020C, YHR039C-A, YLR447C, YPR036W, YDL185W, YEL051W, YOR332W, YKL080W, YBR127C, Y
YPL235W	15	0.35893441	YDR190C, YFL013C, YLR052W, YDL002C, YNL059C, YOR189W, YOR141C, YGL150C, YFL039C, YJL081C, YBR089C-A, YMR072W, YDR174W, YPR052C
YPL240C	7	0.42088685	YMR186W, YLR035C, YMR167W, YNL082W, YNL088W, YIL042C
YPL242C	6	0.1307247	YAL029C, YER016W, YOR367W, YOL081W, YDR129C
YPL243W	6	0.97919677	YPR088C, YKL122C, YML105C, YDL092W, YPL210C
YPL249C	9	0.68925823	YMR192W, YNL293W, YFL027C, YGR100W, YJL044C, YDL234C, YOL112W, YOR
YPL254W	31	0.79648257	YDR176W, YDR448W, YGR252W, YMR223W, YGL066W, YOL148C, YDR392W, YBR081C, YPL047W, YCL010C, YLR055C, YBR111W-A, YDR167W, YMR236W, YGL112C, YDR145W, YOR023C, YBR198C, YHR099W, YER164W, YGL252C, YER148W, YGR274C, YML114C, YMR005W, YCR042C, YMR2
YPL255W	3	0.28023501	YGL075C, YLR457C
YPL256C	12	0.30114457	YBR160W, YLR210W, YGR109C, YMR199W, YGR108W, YPR120C, YDL155W, YPR
YPL259C	5	0.65902422	YHL019C, YLR170C, YKL135C, YPR029C
YPL271W	15	0.91503201	YPR020W, YDR298C, YKL016C, YDR377W, Q0130, YPL078C, Q0080, YBL099W, Q0085, YLR295C, YML081C-A, YOL077W-A, YDL004W, YDR322C-A
YPR007C	7	0.6438503	YDL003W, YIL026C, YFL008W, YJL074C, YDR180W, YER147C
YPR008W	3	1	YGL166W, YMR021C
YPR010C	32	0.8141908	YDR156W, YJL148W, YJR063W, YNL248C, YOR340C, YOR341W, YPR110C, YNL113W, YPR187W, YBR154C, YOR210W, YOR224C, YHR143W-A, YDR045C, YOR116C, YDL150W, YGL070C, YKL144C, YDR404C, YGR063C, YOL005C, YJL140W, YNR003C, YKR025W, YGR186W, YIL021W, YNL151C, YJLO
YPR019W	7	0.46660766	YBR202W, YEL032W, YLR274W, YGL201C, YBL023C, YDR052C
YPR020W	15	0.98654867	YDR298C, YPL271W, YDR377W, YKL016C, Q0130, YPL078C, Q0080, YBL099W, Q0085, YLR295C, YML081C-A, YOL077W-A, YDL004W, YDR322C-A

YPR023C	21	0.57767945	YOR244W, YEL018W, YNL136W, YHR090C, YDR359C, YFL024C, YJR082C, YNL107W, YGR002C, YJL081C, YFL039C, YDR485C, YBR231C, YAL011W, YML041
YPR024W	9	0.21680606	YMR089C, YER017C, YNL329C, YBL022C, YLR397C, YLL034C, YDR258C, YPR
YPR025C	11	0.67461011	YDR079C-
YPR029C	5	0.40271696	YLR170C, YKL135C, YPL259C, YHL019C
YPR030W	4	0.16641244	YOR018W, YGL045W, YBL101C
YPR031W	3	0.26602399	YOR064C, YBL052C
YPR032W	4	0.31208605	YFL005W, YGR009C, YAL030W
YPR033C	3	1	YHR020W, YHR011W YMR033W, YGR275W, YCR020W-
YPR034W	27	0.79549827	B, YMR091C, YLR321C, YML127W, YCR052W, YGR056W, YBR289W, YDR073W, YHR056C, YLR357W, YHL025W, YDR303C, YKR008W, YLR033W, YFR037C, YJL1YEL027W, YHR026W, YPL234C, YGR020C, YHR039C-
YPR036W	16	0.95030804	A, YDL185W, YEL051W, YKL080W, YLR447C, YOR332W, YBR127C, YOR270C, Y
YPR041W	4	0.21163218	YOR361C, YJR007W, YLR192C YJR091C, YPL190C, YKL214C, YGR159C, YDR432W, YPR112C, YNL251C, YOL
YPR042C	28	0.31066426	123W, YDR381W, YCL011C, YER165W, YJL010C, YNL004W, YNL197C, YOR361C, YDL209C, YOL041C, YPL043W, YGL014W, YGL044C, YNL110C, YGL178W, YPR108W, YDR159W, YFR052W, YOL072W, YDR363W-
YPR045C	25	0.76086122	A, YDL007W, YER021W, YOR259C, YGR232W, YIL075C, YDL097C, YHR200W, YKL145W, YGL048C, YDR394W, YDR427W, YOR261C, YHR027C, YOR117W, YDL1
YPR046W	3	0.1619305	YLR381W, YJR135C
YPR048W	5	1	YHR042W, YGR234W, YKL150W, YML125C
YPR052C	6	0.06439815	YKL032C, YPR065W, YMR072W, YBR089C-A, YDR174W YJL141C, YKL166C, YPL203W, YJL164C, YDR490C, YPL140C, YOR231W, YJL095W, YHR030C, YHR205W, YLR362W, YJL187C, YDR122W, YGR040W, YGL158W, YLR096W, YKL101W, YKL048C, YER129W, YJL128C, YDL101C, YMR139W, Y
YPR054W	81	0.79428054	OR233W, YDR477W, YOR267C, YNL161W, YAR019C, YLR113W, YGR092W, YDR507C, YOL113W, YOR061W, YIL035C, YMR001C, YPL153C, YNL298W, YPL031C, YGR188C, YBR097W, YHR102W, YBR160W, YNL020C, YCL024W, YGL180W, YIL095W, YBL105C, YKL139W, YHL007C, YHR135C, YPL209C, YNL307C, YPL20
YPR055W	8	0.62810193	YBR102C, YER008C, YIL068C, YLR166C, YJL085W, YDR166C, YGL233W
YPR056W	11	0.67916524	YLR005W, YER171W, YPL122C, YDR311W, YIL143C, YDR460W, YDR079C-
YPR065W	6	0.55428356	YKL032C, YPR052C, YMR072W, YBR089C-A, YDR174W
YPR067W	2	1	YLL027W
YPR068C	3	0.11582529	YNL021W, YPL116W
YPR070W	24	0.92484466	YNL236W, YCR081W, YGL151W, YOL135C, YBR193C, YHR058C, YBR253W, YHR041C, YNR010W, YBL093C, YOR174W, YDL005C, YDR308C, YPR168W, YGL025
YPR072W	9	0.64716082	YIL038C, YDL165W, YNL288W, YCR093W, YNR052C, YGR134W, YER068W, YAL
YPR080W	4	0.257091	YBR118W, YAL003W, YPL048W YPR178W, YKL173W, YDL098C, YBR152W, YBR055C, YDR473C, YGR091W, YOR308C, YLR438C-
YPR082C	20	0.55713947	
YPR086W	2	0.1174632	YKL028W
YPR088C	6	0.95551811	YPL243W, YPL210C, YDL092W, YML105C, YKL122C
YPR093C	6	0.38092714	YHR115C, YDR143C, YMR247C, YDR313C, YKL034W
YPR094W	9	0.27414942	YOR319W, YML049C, YMR288W, YMR240C, YJL203W, YDL030W, YPL213W, YIR
YPR095C	5	0.80916909	YEL022W, YDR170C, YJR031C, YBL060W YNL252C, YDR237W, YBL038W, YBR122C, YDR322W, YNL005C, YMR024W, YDR462W, YML025C, YCR071C, YDR405W, YKR006C, YNL284C, YPL173W, YLR439W, YBR282W, YKL167C, YML009C, YJL096W, YMR193W, YNR022C, YMR225C, YKR085C, YGR076C, YHR147C, YDR115W, YDR116C, YDL202W, YCR003W, YCR0
YPR100W	42	0.98151011	
YPR101W	5	0.33298817	YGR129W, YBR188C, YLR117C, YMR213W

YPR102C	25	0. 80355439	YDL130W, YDL081C, YDR382W, YOL039W, YLR340W, YGR085C, YDR418W, YML073C, YLR406C, YDL075W, YEL054C, YLR075W, YDL191W, YDL136W, YPL131W, YGL030W, YOR063W, YOL127W, YLR448W, YKR094C, YIL148W, YGL099W, Y
YPR103W	14	0. 76327804	YFR050C, YER094C, YOR157C, YOR362C, YML092C, YBL041W, YMR314W, YGL011C, YJL001W, YOL038W, YGR135W, YGR253C, YER012W
YPR105C	9	0. 92681173	YNL041C, YNL051W, YML071C, YGL005C, YGL223C, YER157W, YGR120C, YDL
YPR107C	19	0. 75602816	YOR179C, YNL222W, YKR002W, YGR156W, YLR115W, YDR195W, YJR093C, YNL317W, YKL059C, YLR277C, YAL043C, YDR301W, YKL018W, YER133W, YDR228YDL097C, YDR427W, YER021W, YDL147W, YFR010W, YLR421C, YDR363W-
YPR108W	28	0. 81178905	A, YIL075C, YFR052W, YDR394W, YGR232W, YGL048C, YKL145W, YDL007W, YOR117W, YOR259C, YHR027C, YOR261C, YHR200W, YHL030W, YFR004W, YBRO
YPR110C	28	0. 67877411	YNL113W, YPR187W, YDR045C, YJL011C, YDL150W, YNL151C, YKR025W, YNR003C, YKL144C, YPR190C, YOR116C, YOR207C, YOR224C, YBR154C, YOR210W, YHR143W-
YPR112C	33	0. 33644303	YHR086W, YBR119W, YPL043W, YPL190C, YKL214C, YDR432W, YIL061C, YPR042C, YNL251C, YPL178W, YOL123W, YDR381W, YCL011C, YER165W, YOL041C, YNL004W, YIR005W, YOR319W, YDL209C, YNL197C, YOR361C, YNL110C, Y
YPR119W	12	0. 22303428	YBR160W, YLR210W, YGR109C, YGR108W, YPR120C, YDL155W, YMR199W, YPL
YPR120C	12	0. 30114457	YBR160W, YLR210W, YGR109C, YGR108W, YPR119W, YDL155W, YMR199W, YPL
YPR122W	4	0. 11712933	YBL045C, YPR191W, YDR430C
YPR128C	9	1	YBL030C, YBR104W, YBR192W, YDL198C, YFR045W, YIL006W, YMR056C, YMR
YPR131C	2	0. 4961978	YOL076W
YPR132W	47	0. 95513128	YGL189C, YGR118W, YMR116C, YGR214W, YGL123W, YER131W, YNL178W, YBR181C, YPL090C, YJL191W, YHL015W, YKR057W, YBR048W, YML026C, YER074W, YPL081W, YOL040C, YCR031C, YJR123W, YER102W, YDR025W, YOL121C, YMR143W, YNL096C, YBL072C, YBR189W, YML063W, YLR441C, YML024W, YORO
YPR133C	2	0. 02103303	YGL043W
YPR140W	2	1	YBL011W
YPR141C	6	0. 67086462	YPL155C, YGL216W, YKL079W, YEL061C, YBL063W
YPR144C	2	0. 05710376	YDL148C
YPR154W	22	0. 50680258	YHR016C, YFR024C-
YPR159W	2	1	A, YER114C, YHR114W, YKL129C, YBL007C, YJL020C, YBL085W, YDR388W, YCR088W, YMR109W, YBR200W, YDR162C, YAR014C, YLR310C, YHL002W, YER1YGR143W
YPR161C	2	0. 0602336	YLR226W
YPR162C	7	0. 63996663	YLL004W, YNL261W, YBR060C, YHR118C, YML065W, YJL194W
YPR163C	7	0. 06648528	YHR086W, YBR119W, YPR112C, YPL043W, YBL051C, YNL286W
YPR165W	2	0. 04515021	YLR342W
YPR166C	30	0. 9173399	YKL155C, YNR037C, YDR337W, YDR041W, YER050C, YDR175C, YJR113C, YGR215W, YHL004W, YJR101W, YIL093C, YGL129C, YGR084C, YDR347W, YBL090W, YBR146W, YGR165W, YNL306W, YNL137C, YMR188C, YMR158W, YBR251W, Y
YPR168W	24	0. 89920773	YNL236W, YCR081W, YGL025C, YOL135C, YGL151W, YPL042C, YHR041C, YNR010W, YBR193C, YHR058C, YBR253W, YBL093C, YDL005C, YOR174W, YPR070
YPR173C	13	0. 30239495	YOL094C, YOR217W, YNL290W, YJR068W, YMR078C, YNL329C, YLL026W, YBL
YPR175W	5	0. 29671097	YBR278W, YNL262W, YDR121W, YGL133W
YPR176C	4	0. 71258695	YJL031C, YHR072W, YGL155W
YPR178W	20	0. 56059875	YDL098C, YBR152W, YDR473C, YBR055C, YGR091W, YOR308C, YPR082C, YLR438C-
YPR179C	3	0. 41532489	YNL021W, YDR295C

			YFL017W-
YPR182W	51	0.83758451	A, YGR074W, YOR159C, YLR275W, YLR147C, YER029C, YLR298C, YGR013W, YKL012W, YBR119W, YDR240C, YHR086W, YIL061C, YDR235W, YPR082C, YKL173W, YMR125W, YBR152W, YDR473C, YPL213W, YDL098C, YBR055C, YGR091W, YLR116W, YPR178W, YJR022W, YBL026W, YPL178W, YLR438C-
YPR183W	2	1	A, YDR378C, YNL147W, YER112W, YIR009W, YER146W, YDL030W, YOR319W, YPL227C YOR210W, YHR143W-
YPR187W	35	0.91934443	A, YOR224C, YNL113W, YBR154C, YPR110C, YNR003C, YNL151C, YJR063W, YOR340C, YKRO25W, YJL011C, YDL150W, YKL144C, YOR341W, YDR045C, YOR116C, YNL248C, YJL148W, YOR207C, YPR010C, YDR156W, YDR404C, YGL070C
YPR189W	3	0.09306049	YGL213C, YLR398C YDR045C, YJL011C, YNL151C, YKRO25W, YNR003C, YDL150W, YKL144C, YOR116C, YOR207C, YPR110C, YNL113W, YPR187W, YOR224C, YBR154C, YOR210W, YHR143W-
YPR190C	31	0.84170164	A, YJR063W, YOR340C, YOR341W, YNL248C, YPR010C, YDR404C, YGL070C, YJL166W, YBL045C, YDR529C, Q0105, YFR033C, YEL024W, YHR001W-
YPR191W	12	0.74781581	