Table SI Additional ORFs and their references in iIN800

ORF	Name	References
Lipid metabolism		
YHR067W	**HTD2**	Kastaniotis AJ, et al. (2004) Mol Microbiol 53(5):1407-21
YBR026C	**ETR1**	Torkko JM, et al. (2001) Mol Cell Biol 21(18):6243-53
YJL196C	**ELO1**	Toke DA and Martin CE (1996) J Biol Chem 271(31):18413-22
YCR034W	**ELO2**	Oh CS, et al. (1997) J Biol Chem 272(28):17376-84
YLR372W	**ELO3**	Oh CS, et al. (1997) J Biol Chem 272(28):17376-84
YDL015C	**TSC13**	Kohlwein SD, et al. (2001) Mol Cell Biol 21(1):109-25
YBR159W	**IFA38**	Han G, et al. (2002) J Biol Chem 277(38):35440-9
YBR041W	**FAT1**	Zou Z, et al. (2002) J Biol Chem 277(34):31062-71
YNL202W	**SPS19**	Gurvitz A, et al. (1997) J Biol Chem 272(35):22140-7
YLR284C	**ECI1**	Gurvitz A, et al. (1998) J Biol Chem 273(47):31366-74
YOR180C	**DCI1**	Gurvitz A, et al. (1999) J Biol Chem 274(35):24514-21
YKR067W	**GPT2**	Zheng Z and Zou J (2001) J Biol Chem 276(45):41710-6
YBL011W	**SCT1**	Matsushita M and Nikawa J (1995) J Biochem (Tokyo) 117(2):447-51
YIL124W	**AYR1**	Athenstaedt K and Daum G (2000) J Biol Chem 275(1):235-40
YDR287W	**YDR287W**	Lopez F, et al. (1999) Mol Microbiol 31(4):1255-64
YFR019W	**LSB6**	Han GS, et al. (2002) J Biol Chem 277(49):47709-18
YHL003C	**LAG1**	D'mello NP, et al. (1994) J Biol Chem 269(22):15451-9
YKL008C	**LAC1**	Barz WP and Walter P (1999) Mol Biol Cell 10(4):1043-59
YCR048W	**ARE1**	Zweytick D, et al. (2000) Eur J Biochem 267(4):1075-82
YNR019W	**ARE2**	Zweytick D, et al. (2000) Eur J Biochem 267(4):1075-82
YML059C	**NTE1**	Murray JP and McMaster CR (2005) J Biol Chem 280(9):8544-52
YIL073C	**SPO22**	Tsubouchi T, et al. (2006) Dev Cell 10(6):809-19
YPL110C	**GDE1**	Fisher E, et al. (2005) J Biol Chem 280(43):36110-7
YKR031C	**SPO14**	Xie Z, et al. (1998) Proc Natl Acad Sci U S A 95(21):12346-51
YDL052C	**ISC1**	Sawai H, et al. (2000) J Biol Chem 275(50):39793-8
YMR008C	**PLB1**	Lee KS, et al. (1994) J Biol Chem 269(31):19725-30
YMR006C	**PLB2**	Fyrst H, et al. (1999) Biochemistry 38(18):5864-71
YOL011W	**PLB3**	Merkel O, et al. (1999) J Biol Chem 274(40):28121-7
YLL012W	**YEH1**	Koffel R, et al. (2005) Mol Cell Biol 25(5):1655-68
YLR020C	**YEH2**	Mullner H, et al. (2005) J Biol Chem 280(14):13321-8
YKL140W	**TGL1**	Koffel R, et al. (2005) Mol Cell Biol 25(5):1655-68

YOR245C	**DGA1**	Sorger D and Daum G (2002) J Bacteriol 184(2):519-24
YNR008W	**LRO1**	Oelkers P, et al. (2000) J Biol Chem 275(21):15609-12
YDR058C	**TGL2**	Van Heusden GP, et al. (1998) Yeast 14(3):225-32
YMR313C	**TGL3**	Athenstaedt K and Daum G (2003) J Biol Chem 278(26):23317-23
YKR089C	**TGL4**	Athenstaedt K and Daum G (2005) J Biol Chem 280(45):37301-9
YKR089C	**TGL5**	Athenstaedt K and Daum G (2005) J Biol Chem 280(45):37301-9
YOR109W	**INP53**	Guo S, et al. (1999) J Biol Chem 274(19):12990-5
YOL065C	**INP54**	Wiradjaja F, et al. (2001) J Biol Chem 276(10):7643-53
YNL106C	**INP52**	Guo S, et al. (1999) J Biol Chem 274(19):12990-5
YPL087W	**YDC1**	Mao C, et al. (2000) J Biol Chem 275(40):31369-78
YBR183W	**YPC1**	Mao C, et al. (2000) J Biol Chem 275(40):31369-78
YBR161W	**CSH1**	Uemura S, et al. (2003) J Biol Chem 278(46):45049-55
YCR098C	**GIT1**	Patton-Vogt JL and Henry SA (1998) Genetics 149(4):1707-15
YDR315C	**IPK1**	Ives EB, et al. (2000) J Biol Chem 275(47):36575-83
YJR019C	**TES1**	Jones JM, et al. (1999) J Biol Chem 274(14):9216-23
YER024W	**YAT2**	Swiegers JH, et al. (2001) Yeast 18(7):585-95
YJR110W	**YMR1**	Taylor GS, et al. (2000) Proc Natl Acad Sci U S A 97(16):8910-5
YKL212W	**SAC1**	Hughes WE, et al. (2000) J Biol Chem 275(2):801-8
YIL002C	**INP51**	Stolz LE, et al. (1998) J Biol Chem 273(19):11852-61
YNL325C	**FIG4**	Rudge SA, et al. (2004) Mol Biol Cell 15(1):24-36
tRNA synthesis		
YOR335C	**ALA1**	Wrobel C, et al. (1999) J Bacteriol 181(24):7618-20
YER087W		Sentandreu M, et al. (1997) Yeast 13(14):1375-81
YHR020W		Tatusov RL, et al. (2000) Nucleic Acids Res 28(1):33-6
YNL247W		Fleischer TC, et al. (2006) Genes Dev 20(10):1294-307
YOR168W	**GLN4**	Ludmerer SW, et al. (1993) J Biol Chem 268(8):5519-23
YDR023W	**SES1**	Weygand-Durasevic I, et al. (1987) Nucleic Acids Res 15(5):1887-904
YHR011W	**DIA4**	Yokogawa T, et al. (2000) J Biol Chem 275(26):19913-20
YBR121C	**GRS1**	Turner RJ, et al. (2000) J Biol Chem 275(36):27681-8
YPR081C	**GRS2**	Turner RJ, et al. (2000) J Biol Chem 275(36):27681-8
YGR171C	**MSM1**	Tzagoloff A, et al. (1989) Eur J Biochem 179(2):365-71
YGR264C	**MES1**	Chatton B, et al. (1987) J Biol Chem 262(31):15094-7
YKL194C	**MST1**	Pape LK, et al. (1985) J Biol Chem 260(28):15362-70
YIL078W	**THS1**	Pape LK and Tzagoloff A (1985) Nucleic Acids Res 13(17):6171-83

YPL097W	**MSY1**	Hill, J.E. and A.A. Tzagoloff (1995)
YGR185C	**TYS1**	Chow CM and RajBhandary UL (1993) J Biol Chem 268(17):12855-63
YOL097C	**WRS1**	John TR, et al. (1997) Yeast 13(1):37-41
YPR047W	**MSF1**	Koerner TJ, et al. (1987) J Biol Chem 262(8):3690-6
YFL022C	**FRS2**	Aphasizhev R, et al. (1996) Biochemistry 35(1):117-23
YLR060W	**FRS1**	Aphasizhev R, et al. (1996) Biochemistry 35(1):117-23
YGR094W	**VAS1**	Chatton B, et al. (1988) J Biol Chem 263(1):52-7
YLR382C	**NAM2**	Zagorski W, et al. (1991) J Biol Chem 266(4):2537-41
YPL160W	**CDC60**	Hohmann S and Thevelein JM (1992) Gene 120(1):43-9
YPL040C	**ISM1**	Tzagoloff A and Shtanko A (1995) Eur J Biochem 230(2):582-6
YBL076C	**ILS1**	Englisch U, et al. (1987) Biol Chem Hoppe Seyler 368(8):971-9
YPL104W	**MSD1**	Gampel A and Tzagoloff A (1989) Proc Natl Acad Sci U S A 86(16):6023-7
YLL018C	**DPS1**	Putz J, et al. (1991) Science 252(5013):1696-9
Lipoamide dehydrogenase		
YFL018C	**LPD1**	Ross J, et al. (1988) J Gen Microbiol 134(5):1131-9
Transporters		
YDL247W	**MPH2**	Day RE, et al. (2002) Yeast 19(12):1015-27
YJR160C	**MPH3**	Day RE, et al. (2002) Yeast 19(12):1015-27
YIL006W	**YIA6**	Todisco S, et al. (2006) J Biol Chem 281(3):1524-31
YEL006W	**YEA6**	Todisco S, et al. (2006) J Biol Chem 281(3):1524-31
YNR013C	**PHO91**	Wykoff DD and O'Shea EK (2001) Genetics 159(4):1491-9
YGL186C	**TPN1**	Stolz J and Vielreicher M (2003) Biol Chem 278(21):18990-6
YGR096W	**TPC1**	Marobbio CM, et al. (2002) EMBO J 21(21):5653-61
YCR010C	**ADY2**	Paiva S, et al. (2004) Yeast 21(3):201-10
YGR289C	**MAL11**	Cheng Q and Michels CA (1991) J Bacteriol 173(5):1817-20
YJL198W	**PHO90**	Auesukaree C, et al. (2003) Biochem Biophys Res Commun 306(4):843-50
YPR021C	**AGC1**	Cavero S, et al. (2003) Mol Microbiol 50(4):1257-69
YPL147W	**PXA1**	Hettema EH, et al. (1996) EMBO J 15(15):3813-22
YKL188C	**PXA2**	Hettema EH, et al. (1996) EMBO J 15(15):3813-22
YIL013C	**PDR11**	Wilcox LJ, et al. (2002) J Biol Chem 277(36):32466-72