

OHSU *Neurospora crassa* Amplified Lambda Library Information

Distribution Label	OHSU Phage Label	OHSU Library Code	Titer (pfu/mL)	Amplification Date	Titration Date	Provided Amount
Baştürkmen-Sachs 01	11-171	MSSL-Lambda1	5.3E+09	8/24/2006	2/14/2007	30.0 mL
Baştürkmen-Sachs 02	15-32-1	MSSL-Lambda11	1.2E+09	4/10/2007	6/26/2007	14.5 mL
Baştürkmen-Sachs 03	15-32-2	MSSL-Lambda12	6.1E+08	4/10/2007	6/26/2007	43.5 mL
Baştürkmen-Sachs 04	15-32-3	MSSL-Lambda13	4.1E+08	4/10/2007	6/26/2007	24.0 mL
Baştürkmen-Sachs 05	15-32-4	MSSL-Lambda14	2.0E+09	4/10/2007	6/26/2007	29.0 mL
Baştürkmen-Sachs 06	15-206-1	MSSL-Lambda16-E2	1.4E+09	6/5/2007	6/26/2007	43.5 mL
Baştürkmen-Sachs 07	15-206-2	MSSL-Lambda17-E2	1.0E+09	6/5/2007	6/26/2007	39.0 mL
Baştürkmen-Sachs 08	15-206-3	MSSL-Lambda18-E2	1.4E+09	6/5/2007	6/26/2007	39.0 mL
Baştürkmen-Sachs 09	15-206-4	MSSL-Lambda19-E2	4.1E+09	6/5/2007	6/26/2007	43.5 mL
Baştürkmen-Sachs 10	15-206-5	MSSL-Lambda20-E2	3.0E+09	6/5/2007	6/26/2007	29.0 mL
Baştürkmen-Sachs 11	15-206-6	MSSL-Lambda21-E2	3.2E+09	6/5/2007	6/26/2007	72.5 mL
Baştürkmen-Sachs 12	15-206-7	MSSL-Lambda22-E2	3.2E+09	6/5/2007	6/26/2007	43.5 mL
Baştürkmen-Sachs 13	15-179-8	MSSL-Lambda23	2.4E+09	6/5/2007	6/26/2007	14.5 mL

General Info For All

Suspension solution SM (phage dilution buffer containing 0.3% Chloroform)
Vector name UniZAP XR insertion vector predigested with EcoR I and Xho I, (pBlueScript SK-)
Vector seq website http://www.stratagene.com/vectors/sequences/pblskm_s.txt
Cloning site used EcoR I and Xho I
(Estimated) insert size see Broad sequencing results for accurate information
Antibiotic resistance Ampicillin

N. crassa strain used for all (except for Baştürkmen-Sachs 13): FGSC 2225 (Mc1 A)
for Baştürkmen-Sachs 13: FGSC 2225 (Mc1 A) + FGSC 2490 (ORS a)

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Distribution Label	Genral Description of Condition for Growth	Time Points & Tempreature	Growth Medium	Shaking Speed
Baştürkmen-Sachs 01	7 h mycelia	7 h at 34C	1X Vogel, 2% sucrose	125 rpm
Baştürkmen-Sachs 02	24 h vegetative mycelia	24 h at 30 C	1X Vogel, 2% Sucrose	200 rpm
Baştürkmen-Sachs 03	Heat Shock	9 h at 30C, then 1 h at 45C	1X Vogel, 2% Sucrose	200 rpm
Baştürkmen-Sachs 04	Glucose deprivation	10 h at 30C	1X Vogel 2% Glucose for 9h > lacking Glucose for 1 h	200 rpm
Baştürkmen-Sachs 05	Nitrogen deprivation	10 h at 30C	1X Vogel 2% Sucrose for 9h > lacking NH ₄ NO ₃ for 1 h	200 rpm
Baştürkmen-Sachs 06	osmotic stress 0.68 M NaCl	10 h at 30 C	1X Vogel, 2% Sucrose for 9 h NaCl to final 0.68 M for 1 h	200 rpm
Baştürkmen-Sachs 07	growth in sorbose + oxidative stress, 10 mM H ₂ O ₂	10 h at 30 C	1X Vogel, 1% sorbose, 0.1% sucrose for 9 h, H ₂ O ₂ to final 10 mM for 1 h	200 rpm
Baştürkmen-Sachs 08	growth in sorbose + 750 uM sodium arsenite	10 h at 30C	1X Vogel, 1% sorbose, 0.1% sucrose for 9 h, sodium arsenite to final 750 uM for 1 h	200 rpm
Baştürkmen-Sachs 09	growth in sorbose + 2.0 mM dithiothreitol	10 h at 30C	1X Vogel, 1% sorbose, 0.1% sucrose for 9 h, DTT to final 2.0 mM for 1 h	200 rpm
Baştürkmen-Sachs 10	growth in sorbose + 50 uM cadmium chloride	10 h at 30C	1X Vogel, 1% sorbose, 0.1% sucrose for 9 h, cadmium chloride to final 50 uM for 1 h	200 rpm
Baştürkmen-Sachs 11	Westergaards, 48 h unfertilized, no shaking	48 h at 25C	Westergaards	no shaking
Baştürkmen-Sachs 12	Westergaards, 48 h unfertilized, with shaking	48 h at 25C	Westergaards	200 rpm
Baştürkmen-Sachs 13	Westergaards, M-1c A + ORS a sexual	10 h at 30C	Westergaards, 5 days precross (M-1c A),7 days postcross(ORS a)	-----