

The analysis shows that the Cdr6 transporter is part of a separate group from well known drug transporters (Cdr1, Cdr2) of *C. albicans*. The phylogenetic tree was generated using MEGA 6 software. Values at nodes represent bootstrap values signifying confidence levels.

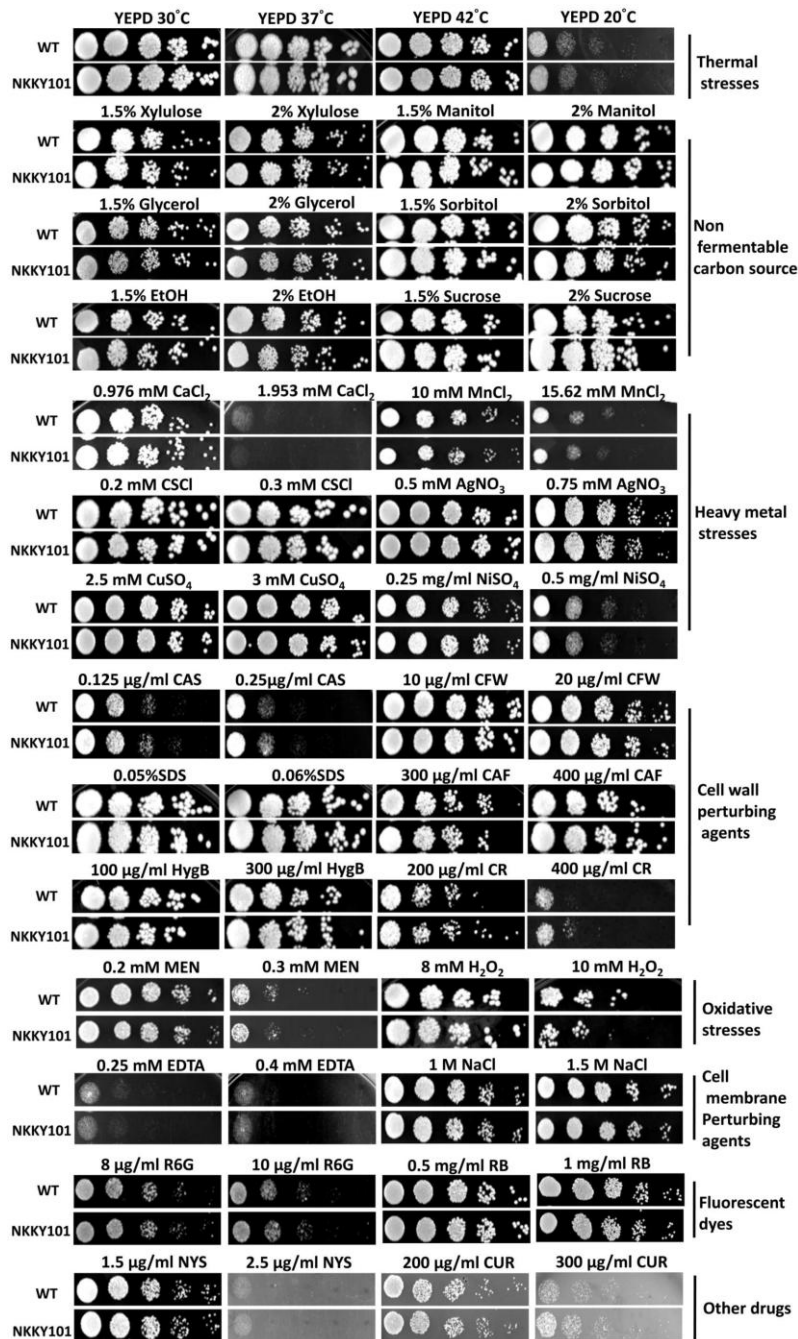


Fig. S2. Growth analysis of WT and NKKY101 strain in presence of different stresses.

A comparison of susceptibilities by spot dilution assays between WT and *CDR6* null strain NKKY101 under different indicated conditions by spotting 5 μ l of 5-fold serial dilutions of each strain.

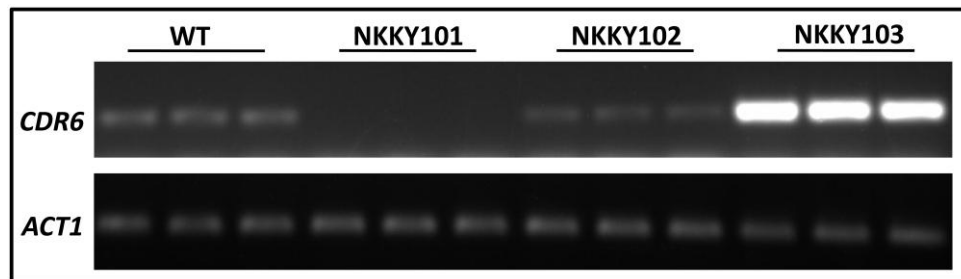


Fig. S3. Confirmation of *C. albicans* strains.

Confirmation of WT, *CDR6* null mutant NKKY101, *CDR6* revertant NKKY102 and *CDR6* over expression NKKY103 strains by checking the expression of the *CDR6* transcript using semi quantitative RT-PCR. *ACT1* was used as a control.

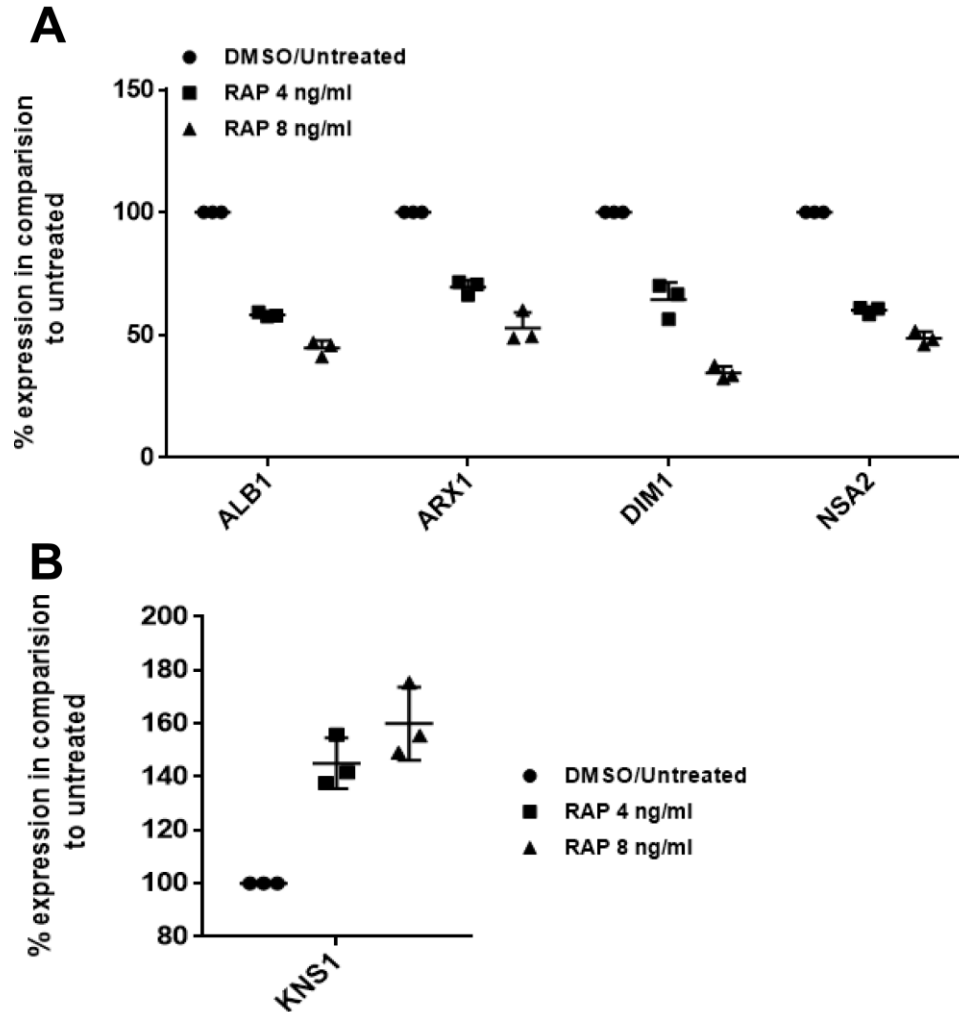


Fig. S4. Analysis of molecular inhibition of Tor1 by rapamycin in NKKY101 strain on ribosome biogenesis genes expressions. *CDR6/ROA1* null strain NKKY101 treated with rapamycin concentration of 4ng/ml and 8ng/ml for 1hr and (A) quantification of some randomly selected ribosome biogenesis genes expression by qRT-PCR in rapamycin treated NKKY101 mutant in comparison to untreated sample. (B) Quantification of *KNS1* expression by qRT-PCR in rapamycin treated NKKY101 mutant in comparison to untreated sample. Data (mean \pm SD) were normalized to an internal *ACT1* mRNA control and represent as percentage expression in comparison to untreated.

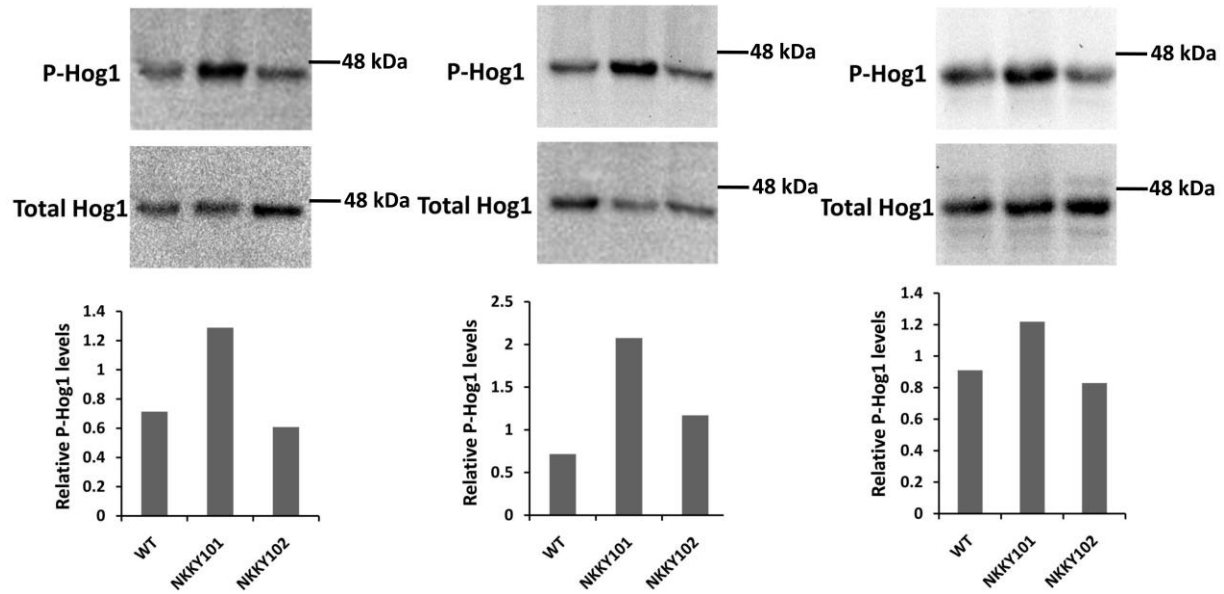


Fig. S5. Hog1 phosphorylation level in WT, NKKY101 and NKKY102 strains.

Biological replicates of the assay shown in figure 7B show consistent results that *CDR6* deletion causes Hog1 activation. Under basal conditions, the phosphorylated Hog1 levels are high in the *CDR6* null NKKY101 strain in comparison to the WT and *CDR6* revertant NKKY102 strains. Bands were quantified using Image lab Bio-Rad software, and the ratio of phosphorylated Hog1 to total Hog1 was plotted.

Table S1. Lipid profile of NKKY101 strain compared to the WT (SC5314). The values represent the percentage of total PGL + SL + sterol mass spectral signal.

	Rep1	Rep2	Rep3	Rep4	Rep1	Rep2	Rep3	Rep4	
Lipid species	WT	WT	WT	WT	NKKY 101	NKKY 101	NKKY 101	NKKY 101	P value
LPC(14:1)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
LPC(14:0)	0.0184	0.0063	0.0054	0.0142	0.0028103	0	0.0130503	0.0099345	ns
LPC(15:1)	0.0000	0.0000	0.0000	0.0005	0	0	0	0	ns
LPC(15:0)	0.0040	0.0043	0.0014	0.0016	0	0.0007624	0.0005674	0.0015284	0.02235
LPC(16:1)	0.1689	0.1005	0.1659	0.2568	0.0946127	0.1036887	0.25930387	0.2109175	ns
LPC(16:0)	0.1201	0.0928	0.1088	0.0984	0.0618261	0.1166498	0.19915899	0.095779	ns
LPC(17:1)	0.0100	0.0092	0.0184	0.0229	0.0046838	0.0121987	0.02439839	0.0112082	ns
LPC(17:0)	0.0025	0.0014	0.0034	0.0055	0.0056206	0.009149	0.0124829	0.0053494	0.019731
LPC(18:3)	0.0319	0.0280	0.0462	0.0492	0.0187352	0.0228725	0.07319518	0.0621544	ns
LPC(18:2)	0.2496	0.2107	0.3515	0.4809	0.16768	0.1806928	0.59577476	0.4327884	ns
LPC(18:1)	0.2955	0.2715	0.4038	0.4481	0.1742373	0.2508352	0.75464802	0.5183781	ns
LPC(18:0)	0.1286	0.1048	0.1074	0.0847	0.0421542	0.0846283	0.17419319	0.0889012	ns
LPC	1.0294	0.8296	1.2121	1.4628	0.5723603	0.7814775	2.10677302	1.4369391	ns
PC(26:1)	0.0020	0.0000	0.0007	0.0000	0.0009368	0.0015248	0.00113481	0	ns
PC(26:0)	0.0020	0.0010	0.0007	0.0000	0.0009368	0.0007624	0.0005674	0.0005095	ns
PC(28:1)	0.0055	0.0024	0.0041	0.0027	0.003747	0.0045745	0.00624145	0.0048399	ns
PC(28:0)	0.0025	0.0019	0.0020	0.0011	0	0.0030497	0.00113481	0.0002547	ns
PC(30:2)	0.0169	0.0106	0.0129	0.0076	0.0140514	0.0152483	0.02383099	0.0175765	ns
PC(30:1)	0.1251	0.0850	0.0639	0.0410	0.1124112	0.1227491	0.09248694	0.0812593	ns
PC(30:0)	0.0050	0.0019	0.0048	0.0016	0.003747	0.0038121	0.0005674	0.0015284	ns
PC(31:2)	0.0140	0.0097	0.0095	0.0038	0.0168617	0.0137235	0.01134809	0.0099345	ns
PC(31:1)	0.0468	0.0391	0.0238	0.0219	0.0665099	0.0762417	0.02837023	0.0308225	ns
PC(31:0)	0.0000	0.0000	0.0007	0.0000	0	0	0	0.0007642	ns
PC(32:2)	1.9283	1.4596	1.1680	0.7437	1.8828873	2.0371783	1.71356168	1.6590648	ns
PC(32:1)	1.6174	1.2987	0.9749	0.7382	1.497879	1.6117496	1.09338853	0.8956352	ns
PC(32:0)	0.0219	0.0478	0.0088	0.0066	0.0159249	0.0304967	0.00907847	0.0298036	ns
PC(33:2)	0.3712	0.3261	0.2393	0.1497	0.4955459	0.4993832	0.3126399	0.2679773	ns
PC(33:1)	0.2397	0.2184	0.1543	0.1169	0.308194	0.3339387	0.15490144	0.1479989	ns
PC(33:0)	0.0050	0.0000	0.0020	0.0055	0	0.0068618	0.00510664	0.0127366	ns
PC(34:4)	0.9572	0.9706	0.6928	0.3475	0.9592421	1.1161785	1.17395997	1.0655409	0.035134
PC(34:3)	6.8073	6.5186	5.2429	3.0851	6.8074337	6.8838634	7.22079005	7.200489	ns
PC(34:2)	11.0755	10.1537	8.0574	5.2866	9.5343415	10.393269	9.37295543	8.4985995	ns
PC(34:1)	4.5581	4.2241	3.2863	2.4534	3.9156561	4.2786844	3.46513946	3.2819578	ns
PC(36:6)	0.0902	0.1073	0.0761	0.0268	0.0880554	0.1136001	0.13901411	0.1263467	0.043892
PC(36:5)	1.6119	1.8876	1.4569	0.6366	1.4931952	1.7428853	2.05967844	1.9153245	ns
PC(36:4)	6.8726	7.6052	6.4380	3.5212	6.2903422	6.6924967	8.24552263	7.6503444	ns
PC(36:3)	10.5772	11.3925	9.5571	5.7527	9.1521435	9.3815416	10.9128913	10.410103	ns
PC(36:2)	7.2563	6.9317	6.2083	4.3687	5.8144683	5.8492635	6.36400921	6.0789072	ns
PC(36:1)	1.8605	1.6736	1.2434	1.1688	1.2927286	1.3014459	1.27041874	1.3243479	ns
PC(38:6)	0.0075	0.0092	0.0075	0.0033	0.0046838	0.0060993	0.00680885	0.006623	ns
PC(38:5)	0.0737	0.0923	0.0727	0.0443	0.0674467	0.0747169	0.08567808	0.0687774	ns
PC(38:4)	0.1126	0.1160	0.1176	0.0765	0.1021068	0.0907276	0.1004306	0.1108081	ns
PC(38:3)	0.2422	0.2416	0.2339	0.1596	0.1601859	0.16087	0.20710265	0.2137195	ns
PC(38:2)	0.1121	0.1005	0.1013	0.0683	0.0768143	0.09149	0.09021732	0.0799856	ns
PC(40:5)	0.0000	0.0000	0.0000	0.0000	0.0009368	0	0	0	ns
PC(40:4)	0.0015	0.0024	0.0007	0.0005	0.0009368	0.0007624	0.0005674	0.0015284	ns
PC(40:3)	0.0085	0.0121	0.0034	0.0038	0.0065573	0.0068618	0.01475252	0.0089156	ns
PC(40:2)	0.0120	0.0140	0.0136	0.0076	0.0140514	0.0121987	0.0130503	0.0152839	ns
PC	56.6400	55.5552	45.4803	28.8517	50.200959	52.95825	54.1973459	51.218308	ns
LPE(14:1)	0.0000	0.0000	0.0000	0.0000	0.0046838	0	0	0	ns
LPE(15:1)	0.0000	0.0000	0.0000	0.0000	0	0	0	0.0012737	ns

LPE(15:0)	0.0020	0.0019	0.0000	0.0022	0	0.0030497	0.00283702	0.0017831	ns
LPE(16:1)	0.1002	0.0647	0.0999	0.0688	0.0908657	0.0930149	0.124829	0.1243089	ns
LPE(16:0)	0.2177	0.1570	0.1781	0.1475	0.1573757	0.1890794	0.22639441	0.1558955	ns
LPE(17:1)	0.0045	0.0048	0.0034	0.0044	0.0028103	0	0.00907847	0.0040757	ns
LPE(17:0)	0.0015	0.0053	0.0034	0.0011	0	0	0.0005674	0.0007642	0.022713
LPE(18:3)	0.0229	0.0208	0.0122	0.0104	0.0168617	0.0221101	0.03461168	0.0290394	ns
LPE(18:2)	0.1281	0.1092	0.1332	0.1410	0.1105377	0.1456217	0.22355738	0.1406117	ns
LPE(18:1)	0.1729	0.1585	0.1713	0.1727	0.1451978	0.1837425	0.33987531	0.2160121	ns
LPE(20:1)	0.0000	0.0000	0.0000	0.0000	0	0	0.00340443	0.0007642	ns
LPE(20:0)	0.0010	0.0000	0.0007	0.0000	0	0	0	0	ns
LPE	0.6507	0.5223	0.6023	0.5481	0.5283325	0.6366182	0.96515511	0.6745284	ns
PE(26:1)	0.0000	0.0000	0.0007	0.0000	0	0	0	0	ns
PE(26:0)	0.0015	0.0014	0.0000	0.0005	0.0009368	0.0007624	0	0	ns
PE(28:1)	0.0010	0.0014	0.0007	0.0005	0.0009368	0.0007624	0.0005674	0.0010189	ns
PE(30:2)	0.0040	0.0034	0.0020	0.0016	0.003747	0.0030497	0.00567405	0.0056041	0.043934
PE(30:1)	0.0294	0.0280	0.0265	0.0284	0.0327866	0.0312591	0.02723542	0.0333698	0.043645
PE(30:0)	0.0005	0.0024	0.0007	0.0005	0.0009368	0.0007624	0.00113481	0.0010189	ns
PE(31:2)	0.0025	0.0019	0.0007	0.0011	0.0028103	0.0038121	0.00397183	0.0025473	0.009221
PE(31:1)	0.0194	0.0232	0.0143	0.0164	0.0281028	0.0381209	0.02156137	0.0188501	ns
PE(31:0)	0.0005	0.0000	0.0000	0.0000	0	0	0	0	ns
PE(32:2)	0.4240	0.4479	0.3868	0.4486	0.5583089	0.6556787	0.56456751	0.6070246	0.000364
PE(32:1)	0.6911	0.7315	0.6431	0.6896	0.901163	1.020114	0.72798001	0.7616465	0.028341
PE(32:0)	0.0154	0.0430	0.0061	0.0197	0.0140514	0.018298	0.01588733	0.0150291	ns
PE(33:2)	0.1151	0.1256	0.1149	0.1415	0.194846	0.2142392	0.13901411	0.1350076	0.033751
PE(33:1)	0.1166	0.1232	0.1163	0.1093	0.2060872	0.2538849	0.12709861	0.1421401	0.033365
PE(33:0)	0.0000	0.0019	0.0000	0.0011	0	0	0.00170221	0	ns
PE(34:4)	0.2770	0.3870	0.2944	0.3311	0.4187316	0.4650744	0.51179889	0.5145572	0.001717
PE(34:3)	1.2367	1.5688	1.4440	1.4912	1.5868711	1.7695699	1.85654762	1.9298441	0.007068
PE(34:2)	5.5347	6.2499	5.8894	6.2571	5.7723141	6.4683461	6.26017418	6.3952834	ns
PE(34:1)	2.5631	2.8341	2.8587	2.8048	3.0575841	3.5864097	2.88411723	3.5086686	0.018171
PE(34:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PE(35:2)	0.1799	0.2358	0.2230	0.2530	0.3044469	0.3461373	0.22752922	0.2623732	0.042018
PE(35:1)	0.0623	0.0763	0.0632	0.0852	0.1077274	0.1212243	0.05617305	0.068268	ns
PE(35:0)	0.0035	0.0034	0.0027	0.0000	0.0018735	0.0022873	0.00397183	0.0048399	ns
PE(36:6)	0.0259	0.0469	0.0388	0.0377	0.0496483	0.054894	0.05674045	0.0647017	0.005662
PE(36:5)	0.4729	0.6952	0.6085	0.6377	0.5789176	0.6899874	0.8516742	0.8118286	ns
PE(36:4)	1.9662	2.7815	2.6684	2.6037	2.5582911	2.6623603	3.22966658	3.3405459	ns
PE(36:3)	2.5412	3.4134	3.6004	3.5627	3.291774	3.4407881	4.10914361	4.5456796	ns
PE(36:2)	1.3996	1.8417	2.0144	2.0425	1.618721	1.8259888	2.05570661	2.3771523	ns
PE(36:1)	0.4719	0.6126	0.6207	0.6732	0.4749372	0.5260678	0.52371438	0.6416681	ns
PE(36:0)	0.0035	0.0155	0.0020	0.0055	0.0056206	0.0076242	0.00567405	0.0109534	ns
PE(37:2)	0.0149	0.0232	0.0177	0.0240	0.0177984	0.0167732	0.01929175	0.0145197	ns
PE(37:1)	0.0229	0.0246	0.0204	0.0290	0.0168617	0.0144859	0.01588733	0.0140102	0.001746
PE(37:0)	0.0000	0.0053	0.0027	0.0005	0.0018735	0.0015248	0.00624145	0.0056041	ns
PE(38:6)	0.0040	0.0063	0.0075	0.0066	0.0093676	0.0076242	0.00680885	0.0081514	0.04087
PE(38:5)	0.0095	0.0121	0.0143	0.0153	0.0093676	0.0121987	0.01361771	0.0150291	ns
PE(38:4)	0.0219	0.0222	0.0245	0.0235	0.0187352	0.0198228	0.02723542	0.0241995	ns
PE(38:3)	0.0259	0.0333	0.0388	0.0350	0.0243558	0.0259222	0.0374487	0.036936	ns
PE(38:2)	0.0289	0.0329	0.0455	0.0393	0.0309131	0.0343088	0.0380161	0.0478895	ns
PE(38:1)	0.0050	0.0043	0.0027	0.0033	0.0028103	0.0030497	0.00170221	0.0056041	ns
PE(38:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PE(40:3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PE(40:2)	0.0010	0.0014	0.0007	0.0000	0	0	0	0.0002547	0.03028
PE(42:4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PE(42:3)	0.0000	0.0005	0.0000	0.0011	0	0	0	0	ns
PE(42:2)	0.0085	0.0082	0.0068	0.0082	0.0065573	0.0076242	0.00737626	0.0084061	ns
PE	18.3018	22.4715	21.8227	22.4301	21.910812	24.350838	24.4426523	26.380226	0.033703
PI(26:0)	0.0005	0.0000	0.0000	0.0000	0	0.0007624	0	0	ns
PI(28:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns

PI(30:2)	0.0000	0.0000	0.0000	0.0005	0	0	0	0	ns
PI(30:1)	0.0065	0.0039	0.0027	0.0044	0.0028103	0.0007624	0	0.0017831	0.011533
PI(30:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PI(31:2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PI(31:1)	0.0304	0.0280	0.0258	0.0279	0.0374704	0.0251598	0.01645473	0.0140102	ns
PI(31:0)	0.0000	0.0000	0.0000	0.0000	0.0009368	0	0	0	ns
PI(32:2)	0.0419	0.0266	0.0428	0.0530	0.0206087	0.0076242	0.01985916	0.0213974	0.004868
PI(32:1)	0.2526	0.1503	0.2006	0.2590	0.1358302	0.0571813	0.10383503	0.1271109	0.006072
PI(32:0)	0.0060	0.0000	0.0000	0.0000	0	0	0.00113481	0	ns
PI(33:2)	0.0339	0.0208	0.0299	0.0432	0.027166	0.009149	0.01645473	0.0165575	0.024637
PI(33:1)	0.0688	0.0416	0.0564	0.0803	0.0496483	0.0152483	0.02837023	0.034134	0.017078
PI(33:0)	0.0000	0.0000	0.0000	0.0000	0	0	0.00283702	0	ns
PI(34:4)	0.0095	0.0053	0.0095	0.0148	0.0028103	0.0015248	0.00340443	0.0101893	ns
PI(34:3)	0.1794	0.1024	0.1815	0.2290	0.0908657	0.0503195	0.09362175	0.1072419	0.011571
PI(34:2)	2.3638	1.6234	2.5079	3.1649	1.2355862	0.5535148	1.25623363	1.4068808	0.006207
PI(34:1)	2.2123	1.3151	2.0259	2.3879	1.1784439	0.491759	1.09849517	1.2300973	0.007381
PI(35:2)	0.0742	0.0560	0.0693	0.0891	0.0590159	0.0167732	0.03234206	0.0422854	0.010664
PI(35:1)	0.0872	0.0556	0.0789	0.1044	0.0599526	0.0259222	0.03461168	0.0382097	0.007649
PI(35:0)	0.0040	0.0014	0.0000	0.0038	0	0.0083866	0	0	ns
PI(36:6)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PI(36:5)	0.0224	0.0232	0.0347	0.0475	0.0131146	0.0022873	0.01702214	0.0264921	0.033838
PI(36:4)	0.1216	0.0976	0.1557	0.2044	0.050585	0.0282094	0.08227366	0.1100439	0.019525
PI(36:3)	0.2167	0.1343	0.2767	0.3208	0.0983598	0.0465074	0.12936823	0.159207	0.016862
PI(36:2)	0.4958	0.3247	0.5860	0.6502	0.1967196	0.0831035	0.27065196	0.353567	0.009719
PI(36:1)	0.3308	0.2034	0.3630	0.3759	0.1330199	0.054894	0.175328	0.2213615	0.008743
PI(38:2)	0.0020	0.0010	0.0041	0.0022	0	0	0	0.0022926	0.046101
PI(38:1)	0.0040	0.0005	0.0034	0.0022	0.0018735	0	0	0.0030568	ns
PI(38:0)	0.0000	0.0010	0.0041	0.0000	0	0	0	0.0050946	ns
PI	6.5642	4.2159	6.6590	8.0652	3.3948176	1.479089	3.3822984	3.931013	0.006731
PS(30:2)	0.0000	0.0005	0.0000	0.0000	0	0	0	0.0002547	ns
PS(30:1)	0.0075	0.0068	0.0116	0.0142	0.0046838	0	0.00567405	0.0078967	0.032786
PS(30:0)	0.0005	0.0005	0.0007	0.0000	0.0009368	0.0007624	0	0	ns
PS(32:2)	0.0249	0.0319	0.0578	0.1038	0.0327866	0.0152483	0.03177465	0.040757	ns
PS(32:1)	0.2571	0.2735	0.4385	0.6781	0.2866485	0.1639197	0.21220929	0.3105174	ns
PS(32:0)	0.0025	0.0000	0.0000	0.0049	0	0.0045745	0.00453924	0	ns
PS(33:2)	0.0154	0.0242	0.0374	0.0781	0.0215455	0.0099114	0.02212878	0.0259826	ns
PS(33:1)	0.0563	0.0672	0.1176	0.1880	0.0796246	0.0465074	0.050499	0.0782025	ns
PS(33:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(34:4)	0.0040	0.0029	0.0082	0.0104	0.003747	0.0038121	0.00113481	0.0063683	ns
PS(34:3)	0.0703	0.0807	0.1598	0.2863	0.0814981	0.0434578	0.07830183	0.1286393	ns
PS(34:2)	1.2845	1.5132	2.8573	5.2347	1.3348828	0.6564411	1.47014514	2.1382143	ns
PS(34:1)	1.6772	1.6925	3.0518	4.4446	1.622468	0.7662291	1.55185139	2.2974214	ns
PS(34:0)	0.0080	0.0077	0.0170	0.0454	0	0.0106738	0.01645473	0.0234353	ns
PS(35:2)	0.0364	0.0507	0.0789	0.1377	0.0365336	0.0266846	0.03971832	0.0519652	ns
PS(35:1)	0.0603	0.0546	0.0870	0.1388	0.0440277	0.0236349	0.03971832	0.0624092	0.042911
PS(35:0)	0.0000	0.0000	0.0000	0.0011	0	0	0.0005674	0	ns
PS(36:6)	0.0000	0.0000	0.0000	0.0022	0.0009368	0	0.0005674	0.0002547	ns
PS(36:5)	0.0095	0.0130	0.0258	0.0301	0.0084308	0.0045745	0.00964588	0.0173217	ns
PS(36:4)	0.0259	0.0425	0.0782	0.1126	0.0402807	0.0152483	0.03063984	0.0738721	ns
PS(36:3)	0.0608	0.0783	0.1455	0.2180	0.0571423	0.0282094	0.06922335	0.1255825	ns
PS(36:2)	0.1734	0.2005	0.3508	0.5552	0.1105377	0.0449826	0.1503622	0.2717983	ns
PS(36:1)	0.1076	0.1140	0.1883	0.2617	0.0580791	0.0160108	0.06979076	0.145961	0.039679
PS(36:0)	0.0005	0.0019	0.0000	0.0000	0	0	0.00283702	0.0020379	ns
PS(38:6)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(38:5)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(38:4)	0.0020	0.0010	0.0027	0.0022	0.0009368	0.0015248	0.00170221	0.0002547	ns
PS(38:3)	0.0020	0.0000	0.0000	0.0000	0	0	0	0.0002547	ns
PS(38:2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(38:1)	0.0000	0.0000	0.0000	0.0000	0	0	0.0005674	0	ns

PS(40:4)	0.0000	0.0000	0.0000	0.0000	0	0.0007624	0	0	ns
PS(40:3)	0.0000	0.0000	0.0000	0.0000	0	0	0.0005674	0	ns
PS(40:2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(40:1)	0.0000	0.0014	0.0000	0.0000	0	0.0007624	0.0005674	0	ns
PS(42:4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS(42:3)	0.0000	0.0000	0.0000	0.0000	0.0009368	0	0	0	ns
PS(42:2)	0.0005	0.0024	0.0007	0.0000	0.0009368	0	0	0.0015284	ns
PS(42:1)	0.0000	0.0010	0.0000	0.0000	0	0	0	0	ns
PS(44:3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0.0017831	ns
PS(44:2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PS	3.8870	4.2628	7.7154	12.5481	3.8276007	1.8839325	3.86118783	5.812713	ns
PA(32:2)	0.0698	0.0469	0.1217	0.1044	0.0627629	0.078529	0.05447083	0.0664849	ns
PA(32:1)	0.3164	0.1512	0.2339	0.2202	0.2201386	0.2096647	0.13107045	0.1031662	ns
PA(32:0)	0.0035	0.0000	0.0041	0.0000	0	0	0	0.0005095	ns
PA(34:6)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PA(34:5)	0.0005	0.0000	0.0000	0.0000	0	0	0	0	ns
PA(34:4)	0.0174	0.0271	0.0517	0.0568	0.0140514	0.0327839	0.01985916	0.0234353	ns
PA(34:3)	0.1943	0.1503	0.3542	0.3683	0.1629962	0.25236	0.15376663	0.1981809	ns
PA(34:2)	1.1799	0.6716	1.2013	1.2590	0.8243486	0.9225246	0.69620536	0.704332	0.047266
PA(34:1)	1.6886	0.7431	1.1659	0.9956	1.1091236	1.0460362	0.70585124	0.7127381	ns
PA(36:6)	0.0020	0.0005	0.0041	0.0011	0	0.0022873	0.00226962	0.0005095	ns
PA(36:5)	0.0319	0.0314	0.0789	0.0721	0.0365336	0.0594685	0.03517908	0.0417759	ns
PA(36:4)	0.1166	0.1193	0.2651	0.2803	0.093676	0.1547707	0.13617709	0.1594618	ns
PA(36:3)	0.2153	0.1638	0.4120	0.4584	0.1967196	0.2416862	0.23093364	0.299564	ns
PA(36:2)	0.2601	0.1913	0.4208	0.4404	0.1592492	0.2371117	0.22979883	0.2947241	ns
PA(36:1)	0.1096	0.0672	0.1285	0.1344	0.0562056	0.0571813	0.05617305	0.0708153	0.009418
PA	4.2059	2.3635	4.4420	4.3911	2.9358053	3.294404	2.45175497	2.6756973	ns
PG(30:1)	0.0000	0.0024	0.0000	0.0022	0	0.0060993	0	0	ns
PG(30:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PG(32:2)	0.0239	0.0053	0.0000	0.0038	0.0065573	0.009149	0.01985916	0.010444	ns
PG(32:1)	0.1251	0.1077	0.1183	0.1104	0.0992965	0.0381209	0.09532396	0.122271	ns
PG(32:0)	0.0000	0.0000	0.0007	0.0000	0	0.0045745	0.00510664	0	ns
PG(34:4)	0.0000	0.0000	0.0000	0.0000	0	0	0.00340443	0.0022926	ns
PG(34:3)	0.0513	0.0420	0.0258	0.0366	0.0346601	0.0060993	0.04312274	0.0580787	ns
PG(34:2)	0.6443	0.6262	0.7764	0.8803	0.5302061	0.4589751	0.99352533	0.9707809	ns
PG(34:1)	0.8206	0.6967	0.7560	0.9885	0.6257556	0.5741	0.86075267	0.9740924	ns
PG(34:0)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PG(36:4)	0.0419	0.0106	0.0068	0.0306	0.0112411	0.027447	0.03971832	0.0440685	ns
PG(36:3)	0.0284	0.0145	0.0360	0.0311	0.0028103	0.0167732	0.02156137	0.0305678	ns
PG(36:2)	0.0254	0.0184	0.0252	0.0432	0.0159249	0.018298	0.02212878	0.0333698	ns
PG(36:1)	0.0214	0.0155	0.0224	0.0235	0.0056206	0.0045745	0.0130503	0.0089156	0.001457
PG(38:6)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PG(38:5)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
PG	1.7823	1.5393	1.7676	2.1502	1.3320725	1.1642108	2.11755371	2.2548813	ns
IPC (42:0-2)	0.0044	0.0015	0.0188	0.0144	0	0.0014066	0.00093267	0.0076873	ns
IPC (42:0-3)	0.3935	0.3081	1.3291	0.8992	0.1518499	0.0453528	0.37950369	0.4892712	ns
IPC (44:0-2)	0.0702	0.0891	0.0000	0.0047	0.0554414	0.0078491	0.0106468	0.011798	ns
IPC (43:0-3)	0.0556	0.0490	0.1867	0.1377	0.0430065	0.0129488	0.06640196	0.0794089	ns
IPC (42:0-4)	0.0053	0.0056	0.0282	0.0088	0.0011297	0	0.00793488	0.0133392	ns
IPC (44:0-3)	0.7846	0.6007	2.3884	1.2461	0.1789163	0.0642777	0.6766811	1.0294714	ns
IPC (46:0-2)	0.0097	0.0097	0.0000	0.0009	0.0065151	0.0062267	0.0046636	0.0049584	ns
IPC (45:0-3)	0.1322	0.0860	0.2995	0.1819	0.052055	0.0211046	0.09238785	0.123019	0.04547

IPC (44:0-4)	0.0000	0.0000	0.0029	0.0000	0	0	0	0.0019583	ns
IPC (46:0-3)	0.1063	0.0782	0.2352	0.1369	0.0387952	0.0093616	0.07023859	0.0955098	0.03519
IPC (46:0-4)	0.0000	0.0000	0.0000	0.0008	0	0	0	0.0007718	ns
IPC	1.5617	1.2278	4.4887	2.6314	0.5277091	0.168528	1.30939113	1.8571934	ns
MIPC (42:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
MIPC (42:0-3)	0.0198	0.0391	0.0518	0.0734	0.0045523	0.0015406	0.00977117	0.010661	0.006907
MIPC (42:0-4)	0.0006	0.0000	0.0000	0.0000	0.0048375	0	0	0	ns
MIPC (43:0-3)	0.0007	0.0000	0.0018	0.0017	0.0005979	0	0	0.0002419	ns
MIPC (44:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
MIPC (44:0-3)	0.0278	0.0441	0.0732	0.0610	0.0213959	0.002894	0.00772604	0.0125067	0.004565
MIPC (44:0-4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
MIPC (45:0-3)	0.0000	0.0009	0.0034	0.0019	0	0	0	0.0004262	ns
MIPC (46:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
MIPC (46:0-3)	0.0008	0.0000	0.0000	0.0012	0	0	0	0	ns
MIPC (46:0-4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
MIPC	0.0498	0.0840	0.1302	0.1391	0.0313835	0.0044346	0.01749721	0.0238359	0.004638
M(IP)2C (42:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (42:0-3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (42:0-4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (43:0-3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (44:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (44:0-3)	0.0000	0.0006	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (44:0-4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (45:0-3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (46:0-2)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (46:0-3)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C (46:0-4)	0.0000	0.0000	0.0000	0.0000	0	0	0	0	ns
M(IP)2C	0.0000	0.0006	0.0000	0.0000	0	0	0	0	ns
Zymosterone	0.6402	0.7292	0.5513	1.5771	3.9263478	3.5559596	0.69727244	0.5446925	ns
Zymosterol	0.0306	0.1469	0.0506	0.1728	0.0050162	0.0117354	0.01288236	0.0098306	0.021062
Ergostatetraenol	0.7003	1.0428	0.7400	2.4271	0.6760604	0.5295595	0.55066358	0.4320042	ns
Ergosterol	3.0694	4.0378	3.5628	10.2314	7.4403157	6.7001709	3.20968411	2.2569729	ns
Episterol + Fecosterol	0.7331	0.8307	0.6897	2.0890	2.0901877	1.9225076	0.56656717	0.4093715	ns
Lanosterol	0.1536	0.1401	0.0852	0.2850	0.6002191	0.558285	0.11132075	0.0817933	ns
Sterols	5.3272	6.9275	5.6797	16.7824	14.738147	13.278218	5.14839041	3.7346649	ns

Table S2. The genes with ≥ 2 -fold down and up-regulated change are listed.

Gene downregulated more than ≥ 2 fold in NKKY101 as compared to WT strain				Gene upregulated more than ≥ 2 fold in NKKY101 as compared to WT strain			
ORF ID	Standard gene name	Expression fold values of NKKY101 V/S WT in terms of log base 2	p-Value	ORF ID	Standard gene name	Expression fold values of NKKY101 V/S WT in terms of log base 2	p-Value
orf19.204		-5.14	0.0007908	orf19.3903		4.24	0.011421185
orf19.1958		-4.81	0.0035298	orf19.4011		3.70	0.000363189
orf19.4672		-4.79	0.0080239	orf19.4211	FET3	3.49	0.003849387
orf19.5353		-4.27	0.001528	orf19.4949		3.28	0.012472864
orf19.3740	PGA23	-4.15	0.0059798	orf19.6339	NRG2	3.16	0.01920596
orf19.4082	DDR48	-3.97	0.0029619	orf19.3186		2.55	0.007040285
orf19.4279	MNN1	-3.42	0.0014907	orf19.5753	HGT10	2.55	0.002482586
orf19.529.1		-3.04	0.1297763	orf19.7054		2.47	0.001897678
orf19.935	AGA1	-2.90	0.0159327	orf19.1539		2.46	0.055939898
orf19.4477	CSH1	-2.77	0.0045258	orf19.5557	MNN4-4	2.24	0.058547758
orf19.4255	ECM331	-2.67	0.0025152	orf19.3924		2.23	0.13903569
orf19.4135	PRC2	-2.55	0.0056925	orf19.2025		1.98	0.000772328
orf19.246	YIL108W	-2.51	0.0100478	orf19.7514	PCK1	1.96	0.00603393
orf19.2018.2		-2.49	0.0827134	orf19.6715		1.84	0.10801494
orf19.3711		-2.46	0.1460939	orf19.5179	LIP5	1.83	0.2121436
orf19.2125		-2.39	0.0020768	orf19.1311	SPO75	1.80	0.041305322
orf19.1287		-2.28	0.0296229	orf19.7094	HGT12	1.72	0.002039461
orf19.4690		-2.27	0.0171247	orf19.7614		1.72	0.23199211
orf19.5025	MET3	-2.21	3.523E-05	CaalfMp08.1		1.69	0.011596016
orf19.3925		-2.15	0.0061147	orf19.7024		1.68	0.038610507
orf19.6595	RTA4	-2.11	0.0034165	orf19.5454	DAL1	1.68	0.005256803
orf19.5645	MET15	-2.11	0.0025522	orf19.1321	HWP1	1.65	0.08613683
orf19.5636	RBT5	-2.04	0.0339771	orf19.2247		1.59	0.031574003
orf19.2060	SOD5	-2.01	0.1290168	orf19.341		1.57	0.001795389
orf19.5070		-2.00	0.0028854	orf19.3499		1.57	0.000671106
orf19.675.1		-1.91	0.0642697	orf19.7111.1	SOD3	1.57	0.07692626
orf19.5820	UGA6	-1.89	0.0166356	orf19.2010		1.53	0.11906428
orf19.1691		-1.88	0.0209512	orf19.1438		1.50	0.024923095
orf19.7585	INO1	-1.88	0.0324935	orf19.7107	ALB1	1.47	0.012372312
orf19.1746	SSP2	-1.87	0.0569535	orf19.5302	PGA31	1.47	0.006413819
orf19.6311	YPR036W-A	-1.86	0.0843973	orf19.5975	TRY4	1.47	0.045568768
orf19.3760	DLH1	-1.80	0.0401389	orf19.7424	NSA2	1.45	0.018903585

orf19.7348		-1.78	0.0870595	orf19.962		1.43	0.008619217
orf19.251		-1.77	0.0042697	orf19.183	HIS3	1.43	0.022013247
orf19.6877	PNG2	-1.76	0.0028092	orf19.3905		1.43	0.014047149
orf19.5674	PGA10	-1.75	0.0307206	orf19.3015	ARX1	1.42	0.004620787
orf19.473	TPO4	-1.74	0.0010228	orf19.7664	YCR087C-A	1.42	0.010747111
orf19.7252		-1.73	0.0115687	orf19.1030	FPR3	1.42	0.003132167
orf19.1363	YOR338W	-1.71	0.0838175	orf19.6090	NSR1	1.37	0.007307823
orf19.769	IFE1	-1.65	0.0249859	orf19.3374	ECE1	1.37	0.004684069
orf19.7313	SSU1	-1.61	0.030863	orf19.4342	SUT1	1.36	0.00586101
orf19.3839	SAP10	-1.57	0.0040356	orf19.3935		1.36	0.007634747
orf19.6661		-1.57	0.3672059	orf19.2917	NUG1	1.34	0.009257467
orf19.4979	KNS1	-1.56	0.0038777	orf19.4921.1		1.34	0.024404883
orf19.2916		-1.56	0.0390269	orf19.3954.1		1.34	0.044517133
orf19.5144	PGA28	-1.54	0.0204007	orf19.3478	NIP7	1.34	0.013678166
orf19.6489	FMP45	-1.54	0.0456107	orf19.2633.1		1.32	0.00546027
orf19.3932		-1.54	0.0057875	orf19.3897		1.32	0.012088503
orf19.2878	PGA15	-1.54	0.0043	orf19.4793	TMA16	1.31	0.01846747
orf19.413		-1.52	0.0057506	orf19.4870	DBP3	1.30	0.005895993
orf19.4688	DAG7	-1.52	0.0118877	orf19.1701	RK11	1.30	0.003033646
orf19.1169	JID1	-1.51	0.0433488	orf19.7384	NOG1	1.30	0.006118996
orf19.5635	PGA7	-1.51	0.0324044	orf19.124	CIC1	1.30	0.02930403
orf19.2738	SUL2	-1.50	0.0325269	orf19.7050	NOP15	1.28	0.02444398
orf19.3548.1	WH11	-1.48	0.0244884	orf19.6886	NOP53	1.28	0.015819052
orf19.5874		-1.46	0.0025957	orf19.4815	YTM1	1.27	0.012794281
orf19.7284	ASR2	-1.46	0.0281728	orf19.3962	HAS1	1.27	0.005417946
orf19.7209		-1.44	0.0132679	orf19.3547	PUF6	1.26	0.00630226
orf19.5140		-1.44	0.1381458	orf19.7411	OAC1	1.25	0.026545633
orf19.2372		-1.44	0.0155799	orf19.6828	RRP1	1.24	0.024224404
orf19.4802	FTH1	-1.43	0.0093412	orf19.6766	NOP13	1.24	0.013109667
orf19.5634	FRP1	-1.40	0.0570601	orf19.6902	DBP7	1.23	0.00755225
orf19.7283		-1.39	0.0404269	orf19.5010	DIM1	1.23	0.02428095
orf19.6840		-1.37	0.0041963	orf19.4177	HIS5	1.22	0.00017756
orf19.6350		-1.37	0.0105301	orf19.6938	MEU1	1.22	0.018970452
orf19.260	SLD1	-1.35	0.0204582	orf19.6648	SDA1	1.22	0.012067644
orf19.5799	YJL016W	-1.34	0.010889	orf19.7534	MIS12	1.21	0.009126127
orf19.5785		-1.33	0.0728571	orf19.3867	RPL7	1.21	0.004818808
orf19.3803	MNN22	-1.33	0.0227477	orf19.6724	FUM12	1.21	0.022172468
orf19.994		-1.32	0.3181908	orf19.5760	IHD1	1.21	0.018460155
orf19.753	MNT4	-1.32	0.0159037	CaalfMp14	NAD4	1.19	0.02871174
orf19.7362	SKN1	-1.31	0.0082714	orf19.1235	HOM3	1.18	0.03819877
orf19.4976		-1.31	0.0115011	orf19.5232	CSI2	1.18	0.020751953

orf19.1442	PLB4.5	-1.31	0.0172995	orf19.7219	FTR1	1.18	0.019428652
orf19.2990	XOG1	-1.30	0.0227494	orf19.7077	ATM1	1.17	0.017231384
orf19.342	BMT7	-1.29	0.0023868	orf19.501	NOP2	1.16	0.005681314
orf19.6224		-1.29	0.1314861	orf19.6234	IPI3	1.16	0.017129784
orf19.7214	YBR056W	-1.28	0.0058278	orf19.1822	UME6	1.14	0.20687594
orf19.257		-1.28	0.0664062	orf19.7011	RRP12	1.14	0.004279594
orf19.6688		-1.27	0.1530056	orf19.6139	FRE7	1.14	0.010380449
orf19.2296		-1.26	0.0145313	orf19.756	SAP7	1.14	0.001911568
orf19.7106	VPS70	-1.26	0.0092817	orf19.1815	TIF6	1.14	0.003886314
orf19.7531		-1.25	0.0041844	orf19.1327	RBT1	1.13	0.009219825
orf19.4980	HSP70	-1.25	0.0396918	orf19.3585	TRM112	1.12	0.009019636
orf19.751		-1.24	0.0169515	orf19.7223	RKM3	1.12	0.003589797
orf19.6449		-1.23	0.010536	orf19.3099	TRP4	1.11	0.002921231
orf19.4842		-1.20	0.0476021	orf19.4856	LIP3	1.11	0.012774266
orf19.3828		-1.19	0.0175588	orf19.4861.1		1.10	0.05870672
orf19.4970		-1.19	0.0299631	orf19.5517		1.10	0.023956167
orf19.6021	IHD2	-1.18	0.0050293	orf19.5299	ECM1	1.10	0.01895491
orf19.6556		-1.18	0.045921	orf19.5905	YBL028C	1.10	0.030461714
orf19.2227		-1.18	0.0173497	orf19.4587	HGH1	1.09	0.007529644
orf19.1632		-1.18	0.0041041	orf19.3276	PWP2	1.09	0.006017111
orf19.5549		-1.18	0.0291013	orf19.6236	NOP6	1.09	0.022673238
orf19.5348	TPS3	-1.16	0.0222915	orf19.3778	RSA4	1.08	0.005576024
orf19.2076	YMR130W	-1.16	0.0260101	orf19.3432		1.08	0.001599076
orf19.3621		-1.16	0.0069162	orf19.7635	DRS1	1.07	0.007555083
orf19.2049		-1.16	0.065704	orf19.3540	MAK5	1.06	0.007551055
orf19.5532		-1.16	0.0243618	orf19.4479	NOP9	1.06	0.011525948
orf19.6078	POL93	-1.16	0.0228821	orf19.2185	NSA1	1.05	0.026547635
orf19.2886	CEK1	-1.16	0.0112903	orf19.1721	NCE103	1.05	0.047493838
orf19.7170		-1.16	0.0532398	orf19.5877	ATF1	1.05	0.002485415
orf19.3369	MOH1	-1.15	0.010381	orf19.6355	RRB1	1.05	0.006356484
orf19.4309	GRP2	-1.15	0.0120535	orf19.4190	PAM18	1.05	0.019046353
orf19.7456		-1.15	0.0067742	orf19.5806	ALD5	1.04	0.017240556
orf19.6248		-1.14	0.0013986	orf19.5850	NOC2	1.04	0.007723489
orf19.4943	PSA2	-1.13	0.0141283	orf19.4093	PES1	1.03	0.005957943
orf19.6502	YDL114W	-1.13	0.010798	orf19.1587	HGT20	1.03	0.001681216
orf19.6673	HEX1	-1.12	0.0061472	orf19.1566	UTP21	1.03	0.014714331
orf19.2768	AMS1	-1.11	0.0152023	orf19.4227		1.03	0.13849184
orf19.5258		-1.11	0.008178	orf19.397	MRPL28	1.02	0.014112735
orf19.3131	OYE32	-1.10	0.0021345	orf19.6696	TIM9	1.02	0.012600794
orf19.467		-1.10	0.0039142	orf19.2810	AAP1	1.01	0.021970648
orf19.6229	CAT1	-1.10	0.0351695	orf19.6014	RRS1	1.01	0.008664969

orf19.4048	DES1	-1.08	0.0170478	orf19.3676	ABP140	1.01	0.008292232
orf19.3793		-1.07	0.0124268	orf19.5991	DBP10	1.00	0.006500144
orf19.4571		-1.07	0.0388716				
orf19.787.1		-1.06	0.0291346				
orf19.3749	IFC3/OPT3	-1.06	0.0646478				
orf19.1227	ZCF4	-1.04	0.032679				
orf19.2959.1		-1.04	0.0202323				
orf19.2515		-1.04	0.0789039				
orf19.4612		-1.03	0.0077352				
orf19.6073	HMX1	-1.03	0.0117392				
orf19.7310	MSC1	-1.03	0.0587725				
orf19.5862	AFP99	-1.02	0.0137623				
orf19.2968		-1.02	0.0315673				
orf19.4763	FUN14	-1.02	0.0505791				
orf19.1339	CPY1	-1.02	0.0067258				
orf19.3282	BMT3	-1.02	0.0003892				
orf19.2947	SNZ1	-1.02	0.009685				
orf19.5138	IFA21	-1.01	0.0072066				
orf19.6008	YLL032C	-1.00	0.0050815				
orf19.36.1		-1.00	0.0232967				
orf19.5525	YMR315W	-1.00	0.0299479				

Table S3. Primers used in the present study.

FP (forward primer), RP (reverse primer)

Primer name	Primer sequence (5' - - 3')
<i>CDR6</i> -KpnI	CGCGAG <u>GGTACC</u> TTGCAAATTCGTAAC TGTGTTAC
<i>CDR6</i> -XhoI-NotI	CGCGAG <u>GCGGCC</u> GCCTCGAGTTGTTGACTAAAAAGTGTAC
<i>CDR6</i> -SacII-NotI	CGCGAG <u>GCGGCCG</u> CCCGCGCATTAGAATGTGTATATATGTATTA
<i>CDR6</i> -SacI	CGCGAG <u>GAGCTC</u> AAGGGCTTAAAGTTAAAG
<i>CDR6</i> -Rev-KpnI	CGCGAG <u>GGTACC</u> GAACTTTTGTACCCAAGCTAATGG

<i>CDR6</i> -Rev-XhoI	CGCGA <u>CTCGAG</u> CGTCAGAGTTAAATGGTTTTAG
<i>CDR6</i> -RT-FP	GGCAACCAATGTTTTGAGTACCTTTG
<i>CDR6</i> -RT-RP	GTTTCATATTGTAGTAGCTCAATAC
<i>ACT1</i> -RT-FP	GGGTAGGGTGGGAAAACCTTCA
<i>ACT1</i> -RT-RP	TTGAAACCACTGCCGACAGA
<i>KNS1</i> -RT-FP	AGAAAAAGCTACCTCCAGCTCGTA
<i>KNS1</i> -RT-RP	GATGAGGTATCACATTGGTCCGTAT
<i>HSP70</i> -RT-FP	TTGTGTTGCTCATTTTGCCAAT
<i>HSP70</i> -RT-RP	CAGTGTTTGCTGGGTTTATAGC
4531FP	ggggacaagttgtacaaaaagcaggctgATGAAGGAAGGTGCTAGTGTATTAAGTATT
4531RP	ggggaccactttgtacaagaagctgggtcAAACCATTAACTCTGACGTAAATTGATAA

Table S4. List of strains used in the present study.

Strain	Genotype/description	Source/reference
WT (SC5314)	Wild-type strain	(1)
NKKY100	SC5314 derivative, cdr6Δ::FLP_SAT1/CDR6	The present study
NKKY1001	NKKY100 derivative, cdr6Δ::FRT/CDR6	The present study
NKKY101	NKKY1001 derivative,	The present study

	cdr6Δ::FRT/ cdr6Δ::FLP_SAT1	
NKKY1011	NKKY101 derivative, cdr6Δ::FRT/ cdr6Δ::FRT	The present study
NKKY102	NKKY1011 derivative, cdr6Δ::FRT/cdr6Δ::FRT::CDR6/FLPSAT1	The present study
NKKY103	SC5314 cells harboring extra copy of <i>CDR6</i> ,integrated at <i>RPS1</i> locus	The present study
CA-CDR6	SC5314 cells harboring extra copy of GFP- <i>CDR6</i> ,integrated at <i>RPS1</i> locus	The present study

Reference

1. **Gillum AM, Tsay EY, Kirsch DR.** 1984. Isolation of the *Candida albicans* gene for orotidine-5'-phosphate decarboxylase by complementation of *S. cerevisiae* *ura3* and *E. coli* *pyrF* mutations. *Mol Gen Genet* **198**:179–182.