Hours	Scaled SK1 hours	Measurements	Activities	Scaled activities
Glutamate forn	nation: the proportion of 1,	2,3,4- ¹³ C-labeled glu	tamate is measured	by NMR spectroscopy
Figure 4 of [1]	l). The S41 strain reaches th	he steady state level o	f ascus formation in	36 hours (Figure 4B o
[2]).				
	0	0	0	0
	0.33	10	10	1
	0.67	20	10	1
	1.33	30	10	1
	2.66	33	3	0.3
CA cycle: the	percentage of oxygen consi	umed ner minute is m	easured by an oxyoe	n monitor (Figure 1 of
	train reaches the steady sta			
5j). The 111 1 3	n	20	20	0.8
	1	25	25	0.0
	2			1
	2	20	20	0.8
	3	15	15	0.6
0	4	10	10	0.4
0	5	8	8	0.32
2	6	6	6	0.24
4	7	4	4	0.16
6	8	3	3	0.12
	s is: mg carbohydrate /10 ⁸ co hes the steady state level of			
	0	0.4	0	0
	2	0.9	0.5	0.45
	4	2	1.1	1
	6	2.2	0.2	0.18
dvcogenolysis	: glycogenolytic enzyme act	tivity is measured (Fig	gure 2 of [51). The A	1P1 strain reaches the
	el of ascus formation in 24 i			
	0	0	0	0
	2	0	0	0
	3	0	$\overset{\circ}{0}$	0
	Δ	8	8	0.15
	4.5	12	12	0.13
0	5	18	18	0.23
2		22	22	0.42
4	6 7	40	40	0.75
	/ 0	50		0.73
6	8		50	
8	9	52	52	0.98
0	10	53	53	1
24	12	50	50	0.94
	ge of DNA content is measu I strain reaches the steady ,			
	0	0	0	0
,				

2	1	9	4	0.2			
2	1 1 <i>E</i>		4				
3	1.5	20	11	0.55			
4	2 2 5	40	20	1			
5	2.5	60	20	l 1			
8	4	80	20	1			
RNA: ³ H incorporated into RNA is measured (Figure 3A of [3]). The AP1 strain reaches the steady state							
	formation in 24 hours	· · · · · · · · · · · · · · · · · · ·					
0	0	40	40	0.29			
0.5	0.25	50	50	0.36			
1.5	0.75	65	65	0.46			
2	1	80	80	0.57			
3	1.5	135	135	0.96			
4	2	140	140	1			
5	2.5	120	120	0.86			
6	3	100	100	0.71			
7	3.5	90	90	0.64			
8	4	70	70	0.5			
9	4.5	60	60	0.43			
10	5	50	50	0.36			
11	5.5	40	40	0.29			
Protein: 35S in		rin is measured (Figure	2.3A of [31). The AP1 s				
Protein: ³⁵ S incorporated into protein is measured (Figure 3A of [3]). The AP1 strain reaches the steady state level of ascus formation in 24 hours (Figure 1 of [3]).							
0	0	90	90	0.56			
1	0.5	120	120	0.75			
1.5	0.75	150	150	0.94			
2	1	160	160	1			
3	1.5	155	155	0.97			
3.5	1.75	150	150	0.94			
4	7	120	120	0.75			
4.5	2.25	110	110	0.69			
5	2.23	90	90	0.56			
Lipid: 14C-ace	etate incorporated into) lipids is measured (Fi	igure 2A of [6]). The 1	Y-185 strain reaches the			
		in 30 hours (Figure 1					
0	0	0	0	0			
2.5	1	3	3 2	0.46			
5	2	5		0.31			
6	2.4	6.5	1.5	0.23			
8	3.2	11	4.5	0.69			
10	4	15.5	4.5	0.69			
11	4.4	16	0.5	0.08			
12	4.8	17	1	0.15			
14	5.6	18	1	0.15			
19	7.6	19	1	0.15			
20	8	20	1	0.15			
22	8.8	22.5	2.5	0.38			
24	9.6	29	6.5	1			

0.62

^{30 12 33 4}The scaled SK1 hours and the scaled activities are plotted in Figure 2.

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