

Figure 4 B

Wild-type(BY4742) and *bas1 pho2* mutant cells were grown in SDcasaWU + Adenine and shifted at time 0 in SDcasaWU
Northern blot quantifications done with ImageQuant (GE Healthcare life sciences)

Strain	Time (min)	Experiment	ACT1	ADE17	ADE17/ACT1	Relative ADE17/ACT1	BNA4	BNA4 / ACT1	Relative BNA4 / ACT1	BNA6	BNA6 / ACT1	Relative BNA6 / ACT1	PHO84	PHO84 / ACT1	Relative PHO84 / ACT1
Wild-type	0	1	2996	1840	0.6	1.0	278	0.09	1.0	56	0.02	1.0	8105	2.7	1.0
	10	1	2711	22357	8.2	13.4	308	0.11	1.2	52	0.02	1.0	13349	4.9	1.8
	20	1	3416	38059	11.1	18.1	749	0.22	2.4	149	0.04	2.3	20087	5.9	2.2
	30	1	2973	24800	8.3	13.6	581	0.20	2.1	114	0.04	2.1	15960	5.4	2.0
Wild-type	0	2	3244	2422	0.7	1.0	470	0.14	1.0	53	0.02	1.0	10205	3.1	1.0
	10	2	2278	26882	11.8	15.8	427	0.19	1.3	30	0.01	0.8	15426	6.8	2.2
	20	2	3262	44414	13.6	18.2	923	0.28	2.0	100	0.03	1.9	23130	7.1	2.3
	30	2	3495	35220	10.1	13.5	987	0.28	1.9	130	0.04	2.3	22030	6.3	2.0
Wild-type	0	3	4701	4926	1.0	1.0	62	0.01	1.0	588	0.13	1.0	29032	6.2	1.0
	20	3	5166	93921	18.2	17.4	126	0.02	1.8	1295	0.25	2.0	65307	12.6	2.0
	30	3	4098	48594	11.9	11.3	102	0.02	1.9	1019	0.25	2.0	45940	11.2	1.8
	0	4	4235	5558	1.3	1.0	62	0.01	1.0	561	0.13	1.0	22268	5.3	1.0
Wild-type	20	4	5012	94001	18.8	14.3	132	0.03	1.8	1201	0.24	1.8	52918	10.6	2.0
	30	4	5058	71638	14.2	10.8	173	0.03	2.3	1384	0.27	2.1	57073	11.3	2.1
Strain	Time (min)	Experiment	ACT1	ADE17	ADE17/ACT1	Relative ADE17/ACT1	BNA4	BNA4 / ACT1	Relative BNA4 / ACT1	BNA6	BNA6 / ACT1	Relative BNA6 / ACT1	PHO84	PHO84 / ACT1	Relative PHO84 / ACT1
<i>bas1 pho2</i>	0	1	3135	708	0.23	1.0	292	0.09	1.0	124	0.04	1.0	7822	2.5	1.0
	10	1	2753	554	0.20	0.9	203	0.07	0.8	65	0.02	0.6	6201	2.3	0.9
	20	1	3228	938	0.29	1.3	392	0.12	1.3	75	0.02	0.6	7365	2.3	0.9
	30	1	2578	860	0.33	1.5	331	0.13	1.4	65	0.03	0.6	6686	2.6	1.0
<i>bas1 pho2</i>	0	2	3644	1146	0.31	1.0	465	0.13	1.0	135	0.04	1.0	9828	2.7	1.0
	10	2	3252	948	0.29	0.9	363	0.11	0.9	98	0.03	0.8	7391	2.3	0.8
	20	2	3696	1498	0.41	1.3	613	0.17	1.3	107	0.03	0.8	9018	2.4	0.9
	30	2	3005	1313	0.44	1.4	491	0.16	1.3	93	0.03	0.8	8642	2.9	1.1
<i>bas1 pho2</i>	0	3	4016	1981	0.49	1.0	77	0.02	1.0	636	0.16	1.0	16488	4.1	1.0
	20	3	3559	1404	0.39	0.8	63	0.02	0.9	430	0.12	0.8	11308	3.2	0.8
	30	3	3112	1255	0.40	0.8	73	0.02	1.2	339	0.11	0.7	11948	3.8	0.9
	0	4	3693	1886	0.51	1.0	75	0.02	1.0	551	0.15	1.0	8506	2.3	1.0
<i>bas1 pho2</i>	20	4	3592	1587	0.44	0.9	65	0.02	0.9	420	0.12	0.8	7083	2.0	0.9
	30	4	3184	1275	0.40	0.8	64	0.02	1.0	306	0.10	0.6	7154	2.2	1.0

	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
	Relative ADE17/ACT1	Relative ADE17/ACT1	Relative ADE17/ACT1	Relative ADE17/ACT1	Relative BNA4 / ACT1	Relative BNA4 / ACT1	Relative BNA4 / ACT1	Relative BNA4 / ACT1	Relative BNA6 / ACT1	Relative BNA6 / ACT1	Relative BNA6 / ACT1	Relative BNA6 / ACT1	Relative PHO84 / ACT1	Relative PHO84 / ACT1	Relative PHO84 / ACT1	Relative PHO84 / ACT1
Time (min)	Wild-type	Wild-type	<i>bas1 pho2</i>	<i>bas1 pho2</i>	Wild-type	Wild-type	<i>bas1 pho2</i>	<i>bas1 pho2</i>	Wild-type	Wild-type	<i>bas1 pho2</i>	<i>bas1 pho2</i>	Wild-type	Wild-type	<i>bas1 pho2</i>	<i>bas1 pho2</i>
0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0
10	14.6	1.7	0.9	0.0	1.3	0.0	0.8	0.1	0.9	0.2	0.7	0.2	2.0	0.2	0.9	0.0
20	17.0	1.9	1.1	0.3	2.0	0.3	1.1	0.2	2.0	0.2	0.7	0.1	2.1	0.1	0.9	0.1
30	12.3	1.5	1.3	0.4	2.1	0.2	1.2	0.2	2.1	0.1	0.7	0.1	2.0	0.1	1.0	0.1