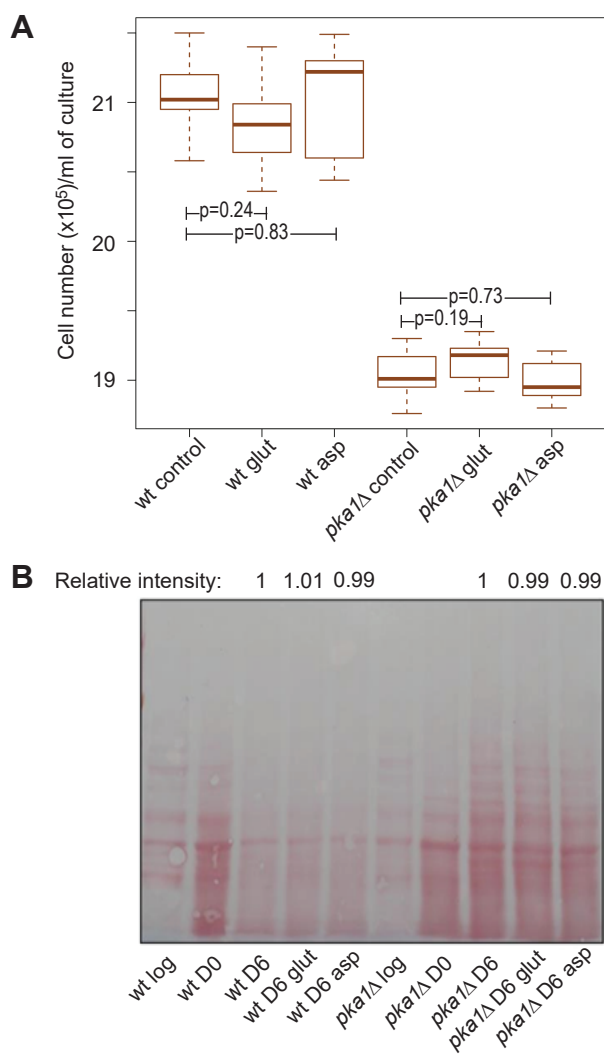


Appendix

eFigure 1: No effects of amino acids on aging cell numbers or protein levels.

eTable 1: Quantitation of 19 free amino acids (nmol/6 x 10^{exp7} cells) during chronological aging of wild-type and *pka1* mutant cells.

eFigure 1



e Figure1. No effects of amino acids on ageing cell numbers or protein levels.

A. Cell numbers are unchanged within aged cultures following amino acid supplementation as indicated. Cell numbers were determined 24 hrs following change with media containing the supplemented amino acid.

B. Protein content is unchanged following amino acid supplementation as indicated.

eTable 1: Quantitation of 19 free amino acids (in nmol/6 x 10exp7 cells) during chronological aging of wild-type and *pka1* mutant cells

Sample	ala	asp	glu	phe	gly	his	ile	lys	leu	met	asn	pro	gln	arg	ser	thr	val	trp	tyr
wt_100_A	0.977	0.281	4.01	1.922	2.559	4.138	0.984	28.203	1.573	0.027	1.862	0.304	18.373	6.267	0.614	0.788	1.381	0.267	2.172
wt_100_B	0.994	0.289	3.956	1.958	2.537	4.619	1.003	27.09	1.637	0.018	2.07	0.307	18.779	6.078	0.664	0.866	1.499	0.291	2.342
wt_100_C	1.051	0.327	5.214	2.211	2.129	3.87	1.372	30.793	1.931	0.032	1.936	0.325	11.973	6.243	0.682	0.682	1.962	0.32	2.51
wt_50_A	0.585	2.875	4.251	0.294	1.039	3.927	0.564	32.32	0.881	0.017	0.623	0.096	2.833	7.224	0.398	0.452	0.603	0.041	0.355
wt_50_B	0.454	0.812	0.398	0.284	0.806	3.517	0.457	34.448	0.557	0.006	0.165	0.03	0.15	5.544	0.346	0.569	0.616	0.015	0.261
wt_50_C	0.526	0.11	0.062	0.198	0.881	3.969	0.403	35.722	0.414	0.004	0.04	0.016	0.011	1.585	0.393	1.058	0.621	0.003	0.11
wt_20_A	0.384	4.499	0.527	0.216	0.302	2.284	0.416	24.141	0.629	0.013	0.085	0.028	0.079	5.454	0.202	0.358	0.597	0.031	0.237
wt_20_B	0.203	0.248	0.091	0.188	0.315	1.876	0.221	13.038	0.276	0.005	0.033	0.022	0.03	1.594	0.128	0.218	0.208	0.004	0.154
wt_20_C	0.14	0.099	0.036	0.099	0.157	0.704	0.088	2.579	0.108	0.004	ND	0.019	0.005	0.257	0.171	0.098	0.083	0.003	0.063
PKA1_100_A	1.759	0.234	4.149	0.554	1.312	1.881	0.308	23.783	0.445	0.014	1.007	0.279	10.522	6.332	0.425	0.397	0.271	0.067	0.51
PKA1_100_B	1.376	0.331	5.04	0.752	1.883	2.277	0.595	29.602	0.736	0.025	1.417	0.378	13.836	7.233	0.599	0.556	0.627	0.117	0.692
PKA1_100_C	1.443	0.274	4.636	0.77	1.875	2.174	0.533	27.585	0.652	0.02	1.339	0.355	13.052	7.049	0.581	0.548	0.521	0.11	0.697
PKA1_87_A	0.687	2.227	3.085	0.237	1.106	4.547	0.506	46.875	0.792	0.009	0.655	0.106	2.034	5.373	0.485	0.567	0.684	0.041	0.352
PKA1_87_B	0.532	1.088	3.855	0.214	1.315	3.529	0.399	26.884	0.681	0.021	0.575	0.132	2.243	6.127	0.476	0.453	0.414	0.039	0.34
PKA1_87_C	0.728	1.968	2.464	0.233	1.196	4.554	0.504	44.549	0.802	0.008	0.628	0.098	1.884	5.885	0.504	0.603	0.802	0.043	0.342
PKA1_50_A	0.474	4.13	2.421	0.202	0.279	3.624	0.467	53.792	0.813	0.009	0.263	0.057	0.531	4.992	0.333	0.449	0.733	0.036	0.261
PKA1_50_B	0.37	9.541	1.084	0.208	0.473	2.517	0.487	38.026	1.011	0.011	0.245	0.052	0.186	5.488	0.251	0.468	0.444	0.042	0.239
PKA1_50_C	0.518	4.934	2.292	0.223	0.362	4.586	0.669	52.862	0.858	0.008	0.313	0.054	0.468	4.465	0.355	0.48	0.868	0.043	0.296