

Table S2 Clusters Of Genes Showing Temporal Expression During 3-8 Hr Time Germination Time Course and Genes Found Uniquely Higher Or Lower Expressed In The 4-6 Hr Loop. Genes ID Numbers In Bold Are Genes Up Regulated In The $\Delta Pp-1$ Mutant Compared To Wild Type.

Gene ID	Annotation	Cluster	Gene ID	Annotation	Cluster
NCU00566	Synaptobrevin	1	NCU00601	Nf	2
NCU00881	<i>Ham-7</i>	1	NCU00746	<i>Crp-68</i>	2
NCU00906	Hypothetical	1	NCU01380	Hypothetical	2
NCU01183	<i>Gtp-1</i>	1	NCU01697	Hypothetical	2
NCU01772	DNA-Directed RNA Polymerase III	1	NCU02176	Hypothetical	2
NCU02500	<i>Ccg-4</i>	1	NCU02458	Hypothetical	2
NCU02635	Mannan Polymerase Complexes MNN9 Subunit	1	NCU03196	Cyclin Pch1	2
NCU02644	Hypothetical	1	NCU03868	Hypothetical	2
NCU03276	<i>Bem46</i>	1	NCU04429	Mitochondrial Import Protein Mmp37	2
NCU03669	Adomet-Dependent Rrna Methyltransferase Spb1	1	NCU04729	Hypothetical	2
NCU03708	Hypothetical	1	NCU05178	Hypothetical	2
NCU03794	Periodic Tryptophan Protein 2	1	NCU05357	Predicted	2
NCU03830	Hypothetical	1	NCU06373	Hypothetical	2
NCU03837	Snf1 Kinase Complex Beta-Subunit Gal83	1	NCU08457	Eas	2
NCU03960	Hypothetical	1	NCU08833	Hypothetical	2
NCU04122	Malate Dehydrogenase	1	NCU10052	Hypothetical	2
NCU04344	Eif2b-Alpha	1	NCU00209	Hypothetical	3
NCU04611	Transcription Elongation Factor Spt-6	1	NCU00265	Hypothetical	3
NCU04732	<i>Ham-11</i>	1	NCU00309	WSC Domain-Containing Protein	3
NCU04834	<i>Phy-1</i>	1	NCU01121	Hypothetical	3
NCU05194	DNA Replication Licensing Factor Mcm6	1	NCU01618	Predicted	3
NCU05337	Predicted	1	NCU04047	Hypothetical	3
NCU05400	Hypothetical	1	NCU04349	<i>Stk-58 (CHECK)</i>	3
NCU05814	Hypothetical	1	NCU04452	<i>Mig-3</i>	3
NCU06115	Hypothetical	1	NCU05127	D-Alanyl-Alanine Synthetase A	3
NCU06919	Hypothetical	1	NCU05495	<i>Ccg-16</i>	3
NCU07029	Hypothetical	1	NCU05502	Hypothetical	3
NCU07313	Chromosome Transmission Fidelity Protein 18	1	NCU05831	Hypothetical	3
NCU07503	Hypothetical	1	NCU06514	Hypothetical	3
NCU07528	Trna Pseudouridine Synthase	1	NCU07439	Hypothetical	3
NCU07609	MFS Transporter	1	NCU07802	Hypothetical	3
NCU07610	Taurine Dioxygenase	1	NCU09562	Hypothetical	3
NCU07719	Isopentenyl-Diphosphate Delta-Isomerase	1	NCU09693	Hypothetical	3
NCU08332	<i>Hex-1</i>	1	NCU09802	Hypothetical	3
NCU08656	Hypothetical	1	NCU09894	CCAAT-Box-Binding Transcription Factor	3
NCU08824	Molybdopterin Binding Domain-Containing Protein	1	NCU00811	Hypothetical	4

NCU09427	<i>Gpr-3</i>	1	NCU00995	Hypothetical	4
NCU09498	Hypothetical	1	NCU02361	Formamidase	4
NCU09560	Superoxide Dismutase	1	NCU02727	Glycine Cleavage System T Protein	4
NCU10292	Porphobilinogen Deaminase	1	NCU06360	Histidinol-Phosphate Aminotransferase	4

Genes Uniquely Down Regulated In The 4-6 Hour Loop

Genes Uniquely Up Regulated In The 4-6 Hour Loop

Gene ID	Annotation	Gene ID	Annotation
1nc380_040	Hypothetical	NCU00973	Hypothetical
NCU00354	Hypothetical	NCU01124	Hypothetical
NCU00556	RNA Binding Protein	NCU02729	Transducin Family Protein
NCU01189	Hypothetical	NCU03153	Hypothetical
NCU01191	Hypothetical	NCU03192	Hypothetical
NCU01459	Tan Spore <i>Asl-2</i>	NCU04966	Predicted Protein
NCU01545	<i>Atg-8</i>	NCU09300	RNA Polymerase II CTD Phosphatase Fcp1
NCU02298	Hypothetical	NCU09992	Serine Peptidase
NCU02465	Hypothetical		
NCU02488	Hypothetical		
NCU03013	Anchored Cell Wall Protein-10, <i>Acw-10</i>		
NCU03344	Hypothetical		
NCU04192	Vacuolar Aspartyl Aminopeptidase <i>Lap4</i>		
NCU04278	Hypothetical		
NCU04542	Hypothetical		
NCU05233	P60 Domain-Containing Protein		
NCU05395	Hypothetical		
NCU05408	Predicted Protein		
NCU05593	Topogenesis Of Mitochondrial Outer Membrane Beta Barrel Proteins 55, <i>Tob-55</i>		
NCU05856	Hypothetical		
NCU05959	Vesicle Transport V-SNARE Protein VTI1		
NCU06698	Glycogenin <i>Gnn</i>		
NCU07091	Hypothetical		
NCU07817	Non-Anchored Cell Wall Protein-3, <i>Ncw-3</i>		
NCU08037	Hypothetical		
NCU08257	Hypothetical		