

Supporting information for Fruman *et al.* (December 26, 2001) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.012605099.

Table 3. Coinduction of genes involved in RNA processing and translation

RNA Processing/Nucleolar			Translation		
Accession no.	Gene description	Fold Δ	Accession no.	Gene description	Fold Δ
AF000938	RNA pol. I, large subunit	2.2	(Set of 15)	tRNA synthetases	2.2--7.1
D14336	RNA pol. I associated factor	2.9	U28419	eIF-4C	10.1
D31966	RNA pol. I 40-kD subunit	3.8	M61731	eIF-4E	3.1
W83286	RNA pol. I homolog	5.0	AA145160	eIF-2- α homolog	4.9
AA119191	RNA pol. I, II, III homolog	2.7	W50532	eIF-2- β homolog	4.8
L15447	snRNP Rnu1a-1	2.0	W13878	eIF-4A-like protein homolog	4.2
M58558	snRNP smD	2.3	AA163902	eIF-4A-like NUK-34 homolog	7.4
AA108121	snRNP-B homolog	3.1	W29456	eIF-4- γ homolog	3.3
U85207	snRNP core protein Sm-X5	2.3	AA104459	eIF-4- γ homolog	7.6
AA003990	Splicing factor SRP20 homolog	3.7	AA144693	eIF-5 homolog	4.5
W87017	Splicing factor SF2 homolog	7.3	W29849	eIF-5 homolog	5.7
AA120173	Splicing factor U2AF homolog	3.1	AA108110	eIF-5A homolog	3.6
W41861	Splicing factor SF2 homolog	5.9	AA170375	eIF-5A homolog	6.0
W45817	Splicing factor SRP75 homolog	6.4	W17411	eIF-5A homolog	3.0
AA020264	Like RNA helicase PRP28	-2.4	AB003144	eIF-2-associated 67-kD protein	2.9
AF017153	RNA helicase	2.1	W71907	Elongation factor 2 homolog	3.2
AA068153	PolyA-binding protein homolog	4.7	W70905	Signal recognition particle receptor b	2.2
W11964	PolyA-binding protein	2.2	(set of 15)	tRNA synthetases	2.5-- 6.4

RNA Processing/Nucleolar			Translation		
Accession no.	Gene description	Fold Δ	Accession no.	Gene description	Fold Δ
	homolog				
AA008245	PolyA-binding protein homolog	2.1	U28419	<i>eIF-4C</i>	7.8
M33212	Nucleolar protein NO38	1.7	AA145160	<i>eIF-2-α homolog</i>	5.0
U64450	Nucleophosmin (Npm3)	3.9	W50532	<i>eIF-2-β homolog</i>	2.8
X07699	Nucleolin	3.0	W70486	<i>eIF-2-β homolog</i>	3.7
Z22593	Fibrillarin	3.0	W29920	<i>eIF-2B-ϵ homolog</i>	2.8
D14336	<i>RNA pol. I associated factor</i>	2.4	W50904	<i>eIF-4A homolog</i>	3.3
W83286	<i>RNA pol. I homolog</i>	6.6	AA166088	<i>eIF-4A homolog</i>	3.1
AA119191	<i>RNA pol. I, II, III homolog</i>	2.4	AA163902	<i>eIF-4A-like NUK34 homolog</i>	5.5
W75484	<i>.hnRNP A1 homolog</i>	2.9	AA144693	<i>eIF-5 homolog</i>	2.4
AA154444	<i>snRNP smD</i>	3.1	W17411	<i>eIF-5A homolog</i>	3.3
W09407	<i>snRNP E</i>	2.9	AA108110	<i>eIF-5A homolog</i>	5.3
W15568	<i>U1 snRNP-specific protein C</i>	2.7	W75403	<i>eIF-5A homolog</i>	5.1
AA108121	<i>snRNP-B homolog</i>	2.8	AA170375	<i>eIF-5A homolog</i>	5.6
U85207	<i>snRNP core protein Sm-X5</i>	2.6	AB003144	<i>eIF-2-associated 67-kD protein</i>	3.0
W87017	<i>Splicing factor SF2 homolog</i>	7.8	AA110046	<i>EF-1-γ homolog</i>	3.0
AA003841	<i>Splicing factor PRP9</i> <i>homolog</i>	2.4	AA166191	<i>EF-1-γ homolog</i>	4.5
AA162093	<i>Splicing factor PRP22</i> <i>homolog</i>	3.0	AA072381	<i>EF-1-γ homolog</i>	5.0
W41861	<i>Splicing factor SF2 homolog</i>	4.5	AA073916	<i>EF-1-γ homolog</i>	3.4
AA038618	<i>RNA helicase T26G10</i> <i>homolog</i>	4.7	AA103340	<i>EF-1-γ homolog</i>	3.4
AA103933	<i>RNA helicase DHH1</i>	2.8	W51237	<i>EF-1-δ homolog</i>	3.1

RNA Processing/Nucleolar			Translation		
Accession no.	Gene description	Fold Δ	Accession no.	Gene description	Fold Δ
	<i>homolog</i>				
<i>AA038153</i>	<i>PolyA- binding protein homolog</i>	<i>3.4</i>	<i>AA162949</i>	<i>EF-1-δ homolog</i>	<i>5.5</i>
<i>AA008245</i>	<i>PolyA- binding protein homolog</i>	<i>1.9</i>	<i>W55283</i>	<i>tRNA processing SEN3 homolog</i>	<i>3.1</i>
<i>U64550</i>	<i>Nucleophosmin (Npm3)</i>	<i>2.3</i>	<i>W41880</i>	<i>Large ribosomal subunit</i>	<i>1.9</i>
<i>X07699</i>	<i>Nucleolin</i>	<i>2.5</i>			
<i>Z22593</i>	<i>Fibrillarin</i>	<i>2.7</i>			

Italics denote 12-hr data.