Supplemental Table I. *Putative 5'Oligopyrimidine tracts in maize ribosomal protein mRNAs*

Ribosomal protein mRNA	GenBank Accession number	Localization	Number consecutive pyrimidines	5'-Terminal sequences
ribosomal protein S6 kinase	AY389497	nuclear gene for cytosolic product	8 8	CUUUCUCU CUCCUCCC
ribosomal protein S9	AF332375	nuclear gene for chloroplast product	10	CUUCUCUUC
ribosomal protein S10	AF287341	nuclear gene for mitochondrial product	9	CCCUUCCCC
ribosomal protein L17	AF034948	nuclear gene for cytosolic product (60S)	8	CCUUCUUC
acidic ribosomal protein P2b	U62753	nuclear gene for cytosolic product (60S)	12	CUUCUUCUCUUC
acidic ribosomal protein P3a	U62751	nuclear gene for cytosolic product (60S)	8 19	CCUUCUCC CCCCUUCCUCUCUCCCUCC
ribosomal protein S6	U92045	nuclear gene for cytosolic product (40S)	7	CUCCUUC
ribosomal protein L12	U40147	nuclear gene for cytosolic product (60S)	8	CCUCUCUC

Supplemental Table II. *5'Oligopyrimidine tracts in maize mRNAs*

mRNA	GenBank Accession number	Putative 5'TOP sequence	Maximum number of consecutive pyrimidines after a C	Sequence of the putative 5'TOP
heat shock protein HSP101	AF133840	NO	3	_
Iron-phytosiderophore transporter protein yellow stripe 1	AF186234	NO	4	_
calreticulin	AF190454	NO	5	_
cellulose synthase-1	AF200525	NO	4	_
cellulose synthase-2	AF200526	NO	6	_
cellulose synthase-4	AF200528	YES	11 13	CCTTTTCTCTC CCCTCCTCCCCCC
cellulose synthase-7	AF200531	NO	5	_
cellulose synthase-8	AF200532	NO	5	_
profilin	AF201459	NO	4	_
ZM RR1-response regulator	AB004882	NO	4	_
Squalene synthase	AB007502	NO	6	_
Phosphoenol pyruvate	AB012228	YES	16	CTCCTCCTCCTCCTCC

carboxylase				
MAP kinase 4	AB016810	YES	10	CCTCTTCCTC
ferredoxin	AB016810	NO	5	_
Phosphoenol pyruvate carboxykinas	AB018744	NO	3	_
Zm RCP2-root C protein 2	AB021176	NO	3	_
Zm RR2	AB024291	NO	5	_
Nonclathrin coat protein zeta 2-COP	AB040667	NO	5	_
Zm HK1-histidine kinase 1	AB042270	NO	2	_