

Additional File 2

A

Arabidopsis rRNA processing protein coding genes. Location of *telo* boxes, site II motifs, TEF1 boxes and TSS relative to the translation initiation codon.

Locus	Product	<i>telo</i> boxes	Site II motifs or TEF boxes	5' end mRNA
At1g07840	leucine zipper factor	-	-608	-549
At1g48920	Nucleolin	-60	-139 (TEF),-341	-91
At1g56110	Nop56p	-20, -68	-128, -134	-58
At1g63780	Small nucleolar ribonucleoprotein	-38	-166,-186,-198	-124
At2g20490	Nop10p	-146	-232,-270,-288	-175
At2g37990	ribosome biogenesis regulatory protein (RRS1)	-58	-	-78
At2g40360	transducin family protein	-74,-162	-108,-195	-55
At2g43190	ribonuclease MRP complex	-288	-	-235
At2g43650	EMB2777 (EMBRYO DEFECTIVE 2777)	-65,-205	-232,-244,-264	-192
At2g47990	transducin family nucleolar protein	-68	-134,-156	-76
At3g03920	Gar1 H/ACA rnp complex subunit 1	-68,-120	-326,-348	-101
At3g05060	SAR DNA-binding protein	-144,-386,-483	-507	-402
At3g09720	RNA helicase involved in rRNA processing	-352	-480,-492	-350
At3g11964	pre-rRNA processing protein	-58,-88	-187,-218	-
At3g12860	Nop56	-18,-99	-160,-182,-196	-108
At3g21540	transducin family protein	-62	-	-
At3g22660	rRNA processing protein EBP2	-103,-220,-317	-	-390
At3g28230	Small subunit processome	-100,-140	-166,-180,-200	-99
At3g47420	dimethyladenosine transferase	-64	-	-89
At3g57000	Nucleolar protein	-297,-414	-401,-429	-342
At3g57150	Pseudouridine synthase	-13,-97,-106	-159,-190	-57
At3g60360	U3 snrp 11	-111,-239,-367	-445 (TEF)	-398
At4g02400	U3 ribonucleoprotein	-44	-	-54
At4g04940	transducin/WD-40 repeat protein	-141	-	-141
At4g05410	transducin/WD-40 repeat protein	-21	-194,-223,-260	-106
At4g21130	similar to man and yeast U3-55K genes	-45	-174	-11
At4g22380	Ribosomal protein L7Ae	-33	-	-78
At4g25630	Fibrillarin 2 (AtFib2)	-117	-451,-467,-488, -525	-105
At4g25730	FtsJ-like methyltransferase	-13,-84	-160,-180	-62
At4g26600	methyltransferase Nop2p	-18	-116,-139,-162	-62
At4g28450	SOF1-like protein	-127	-170,-201,-227	-157
At4g34730	ribosome-binding factor A	-	-	-2403
At5g08180	H/ACA rnp complex subunit 2	-62,-96,-142	-157,-193,-205	-81
At5g08420	RNA binding protein	-135	-218,-253,-268	-142
At5g08600	U3 ribonucleoprotein	-49	-	-31
At5g15750	RNA-binding S4 protein	-36,-269,-301	-424,-435	-346
At5g18180	H/ACA ribonucleoprotein	-50,-146	-	-
At5g20160	Ribosomal protein L7Ae	-16,-33	-136,-160	-99
At5g20600	Nop52	-103	-142 (TEF)	-90
At5g25730	FtsJ methyltransferase	-13,-84	-181	-62
At5g27120	SAR DNA-binding protein	-370,-462	-506,-523	-362
At5g46420	rRNA processing protein RimM	-	-	-44
At5g51280	DEAD-box protein	-100	-253,-276	-221
At5g52470	Fibrillarin 1	-130	-285,-300	-103
At5g52490	Fibrillarin 3	-109	-	-
At5g61330	rRNA processing protein EBP2	-955	-	-918
At5g66360	rRNA adenine dimethylase	-	-116,-153,-160	-100
At5g66540	U3 small nucleolar ribonucleoprotein	-28	-182,-194,-216	-117
At5g67630	DNA helicase	+132	-130,-142	-24

B

Orthologous *O. sativa* rRNA processing coding genes. Location of *telo* boxes, site II motifs, TEF1 boxes relative to the translation initiation codon.

Locus	Arabidopsis orthologous gene	product	<i>telo</i> boxes	Site II motifs or TEF boxes
Os04g52960	At1g48920	Nucleolin	-127	-
Os03g22880	At1g56110	Nop56p	-62	-919,-981
Os08g05880	At1g63780	Small nucleoprotein	-25, -58	-139,-149,-165,-181,-188
Os07g25440	At2g40360	transducin	-	-231,-260,-301,-531,-604
Os07g01510	At2g43650	EMB 2777	-53	-110,-133,-159,-376
Os07g12320	At2g47990	transducin	-29	-94,-931
Os04g58830	At2g37990	transducin	-	-118,-142,-341
Os11g37080	At3g03920	Gar1 H/ACA rnp complex subunit 1	-45,-105,-441	-166
Os03g22740	At3g05060	SAR DNA-binding protein	-306	-320,-366,-403,-471
Os07g45360	At3g05060	RNA helicase	-48	-533,-610
Os07g10350	At3g11964	Pre-rRNA processing protein	-	-
Os07g46720	At3g12860	Nop56p	-47	-271
Os03g05720	At3g21540	transducin	-54	-
Os01g01510	At3g28230	Small subunit processome	-53	-110,-133,-159,-376
Os04g46880	At3g47420	dimethyladenosine transferase	-	-
Os02g18830	At3g57000	Nucleolar protein	-74,-244	-
Os07g44190	At3g57150	Pseudouridine synthase	-26	-137,-139,-180,-185,-192
Os01g59500	At3g60360	U3 snrp 11	-177	-191,-228,-233,-257,-267
Os03g22320	At4g02400	U3 ribonucleoprotein	-	-141,-146,-189
Os03g42770	At4g05410	transducin	-226	-261,-271
Os02g57590	At4g25630	Fibrillarin 2	-64,-82,-134	-190 (TEF)
Os05g49230	At4g25730	methyltransferase	-106	-182,-192,-213,-219,-252,-258,-340
Os02g49270	At4g26600	Nop2p	-	-63,-112,-123,-159
Os01g13730	At4g28450	SOF1 like protein	-126	-254,-268,-281,-906
Os01g16290	At5g08180	H/ACA rnp complex subunit 2	-94	-203,-209,-224
Os10g31520	At5g08420	RNA binding protein	-135	-112,-172,-192,-220
Os03g22320	At5g08600	U3 ribonucleoprotein	-714	-141,-146,-189
Os04g56670	At5g15750	RNA binding protein	-196	-239,-248,-257,-281
Os11g37080	At5g18180	H/ACA ribonucleoprotein	-45,-105,-442	-166
Os03g13800	At5g20160	Ribosomal protein L7Ae	-124	-
Os04g56350	At5g20600	Nop52p	-28	-254,-288,-321,-779,-823
Os03g22740	At5g27120	SAR DNA-binding protein	-306	-320,-366,-403,-471
Os02g05660	At5g51280	DEAD-box protein	-10	-174,-196,-242
Os05g08360	At5g52470	Fibrillarin 1	-60,-79	-
Os01g34200	At5g61330	rRNA adenine dimethylase	-	-124,-160,-171
Os12g04010	At5g66540	U3 snrnp	-103	-
Os06g08770	At5g67630	DNA helicase	-96	-204,-219,-436

