Supplementary S1

Table S1. Used primers in this study:

Primer name		**Primer sequences**	Working state	Comments
28ff or 25f1		**5'-GACCCCAGGTCAGGCGGGACTACC-3`**	OK	Universe primers for
28rr1 or 25r1		**5'-GCTATCCTGAGGGAAACTTCGGAGG-3`**	OK	amplification of 25S rRNA gene
9con8F2, or 98f2		**5'-CGCACCGTTCGAACTGTAGTC-3`**	OK	Specifity primer for RC2
9con8rev2,or 98rev2		**5'-GTTACAGCGTGGCACCCCAAGG-3`**	OK	Specifity primer for RC2
9con8F2cy5, or 98f2cy5		**5'-CGCACCGTTCGAACTGTAGTC-3`**	OK	CY5 labelled for cDNA T-RFLP
9con8F, or 98f		**5'-GTGAGCGAACTGGGAGATGCTC-3`**	X	
9con8rev, or 98rev		**5'-CCGGGTTTCAGAGCACATTATCTC-3`**	X	
9con8rev3, or 98rev3		**5'-CGATTTGCACGTCAGTATTGCTTTG-3`**	X	
9con14F, or 914f		**5'-GCCCAACGTGAAAATCGGGCAG-3`**	OK	Specifity primer for RC3
9con14rev2, or 914rev2		**5'-GTATCACTTTGAGCCTCCACC-3`**	OK	Specifity primer for RC3
9con14rev, or 914rev		**5'-GGCCAGCGATGCGGCCCATG-3`**	X	
9con31f, or 931f		**5'-CCCTAATAACCGAATTGTAGTCTGG-3`**	OK	Specifity primer for RC1
9con31rev, or 931rev		**5'-CTAGATGGTTCGATTGGTCTCATCC-3`**	OK	Specifity primer for RC1
283fcy5		**5'-GCA(AG)CCCAAAT(CT)(AG)GG(ACT)G(AG)TAAAC-3`**	OK	Forward sequencing primer
367rcy5		**5'-CTTTCCCTC(AG)(CT)GGT(AG)CTTGTT(CT)(AG)C-3'**	OK	Reverse sequencing primer
406rcy5		**5'-CA(AC)GCACT(GCT)TTTGACTCTCTTTTC-3`**	OK	Reverse sequencing primer
887revcy5		**5'-GCCTCCA(CT)(CT)AGA(GT)TTT(CT)CT(AC)TG-3`**	OK	Reverse sequencing primer
648r		**5'-GCGGCGTCCTATGGGGTGCGCT-3`**		
	NS1	**5'-GTAGTCATATGCTTGTCTC-3`**		Cy5 labelled sequencing primer
	NS2	**5'-GGCTGCTGGCACCAGACTTGC-3`**		Cy5 labelled sequencing primer
	NS3	**5'-GCAAGTCTGGTGCCAGCAGCC-3`**		Cy5 labelled sequencing primer
18S primer	NS4	**5'-CTTCCGTCAATTCCTTTAAG-3`**		Cy5 labelled sequencing primer
	NS5	**5'-AACTTAAAGGAATTGACGGAAG-3`**		Cy5 labelled sequencing primer
	NS6	**5'-GCATCACAGACCTGTTATTGCCTC-3`**		Cy5 labelled sequencing primer
	NS7	**5'-GAGGCAATAACAGGTCTGTGATGC-3`**		Cy5 labelled sequencing primer
	NS8	**5'-TCCGCAGGTTCACCTACGGA-3`**		Cy5 labelled sequencing primer
	ITS1	**5'-TCCGTAGGTGAACCTGCGG-3`**		
	ITS2	**5'-GCTGCGTTCTTCATCGATGC-3`**		
ITS primer	ITS3	**5'-GCATCGATGAAGAACGCAGC-3`**		
	ITS4	**5'-TCCTCCGCTTATTGATATGC-3`**		
	ITS5	**5'-GGAAGTAAAAGTCGTAACAAGG-3`**		Cy5 labelled sequencing primer

Supplementary S2

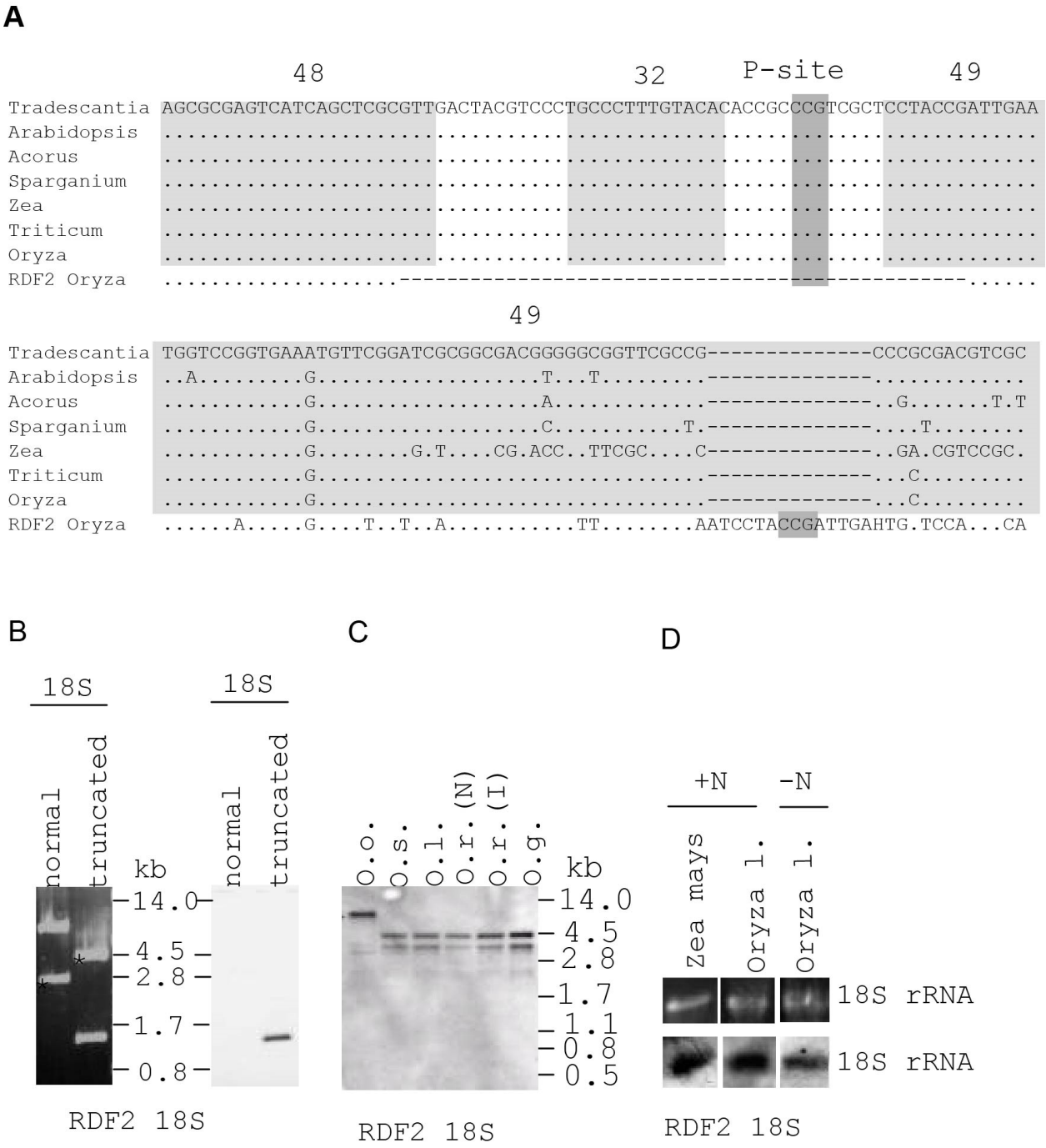


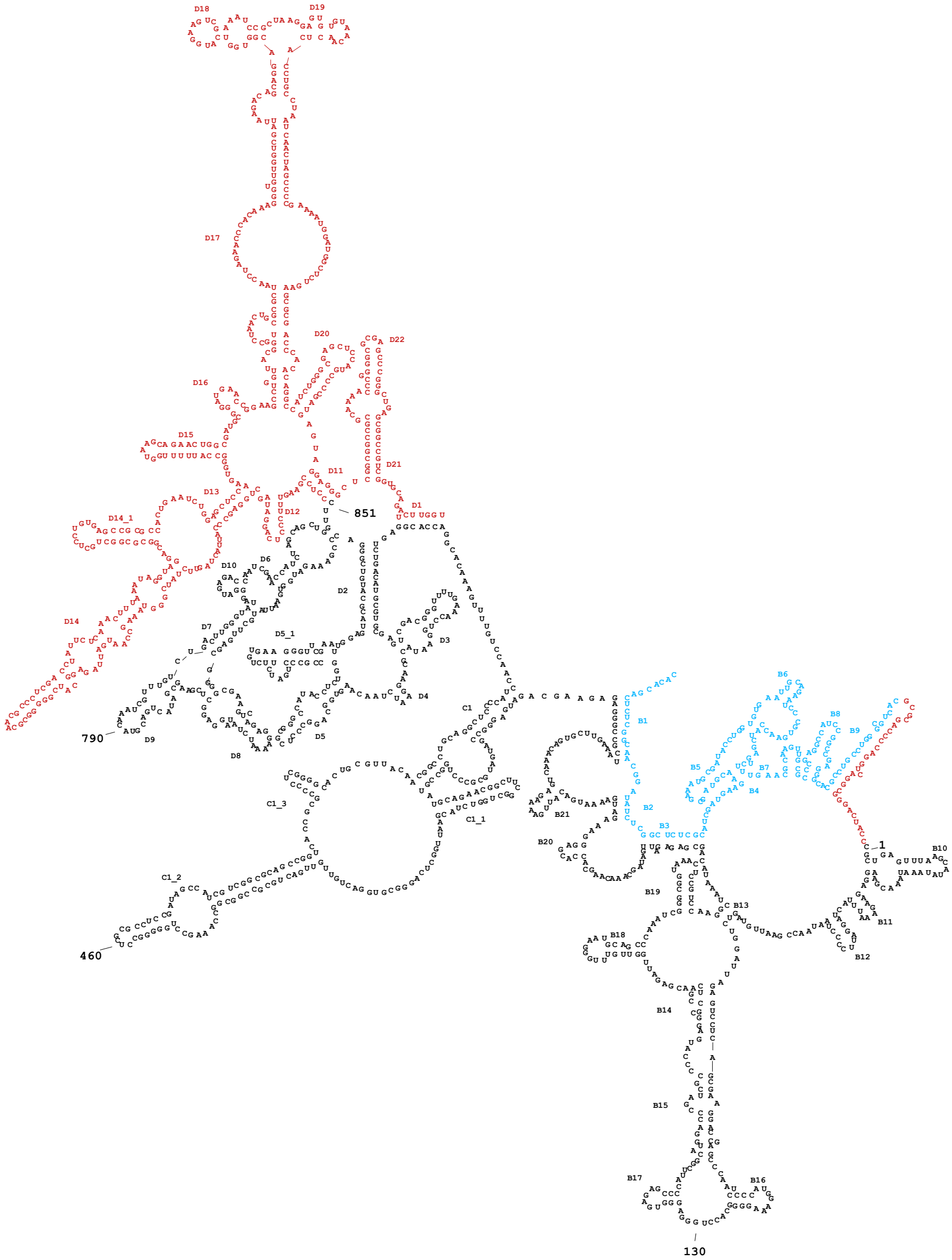
Figure S1. Codominant expression of RDF1-3 in rice. Presence of truncated RDF2 18S in ribosome preparations. (A) The portion of the aligned matrix from a unique truncated *O. officinalis* 18S ribosomal gene linked to RDF2 28S rRNA (AY097331) shows two INDELs in the decoding region that distinguishes it from other 18S rRNA genes. Dots indicate nucleotides identical to the top sequence, and dashes indicate gaps. The deleted and a putative alternative P-site are labeled. (B-D) Occurrence of the truncated 18S rRNA gene in rice. (B) Control Southern blot of *EcoR* I digested from rDNA clones with normal and truncated 18S rRNA genes (AY097331) hybridized with the

RDF2 18S probe. Vector labeled with a star. (C). Presence of the truncated 18S rRNA in ribosome preparations from leaves of *Zea mays* and *O. longistaminata* (*Oryza l.*) grown in soil fertilized (+N) or not fertilized (-N) with combined nitrogen (D). Agarose gels (upper panel) and Northern blots (lower panel).

Partial LSU secondary structures from rRNA families of *Oryza* spp.

5.8S rRNA M16845
LSU rRNA M11585
LSU rRNA AF363841

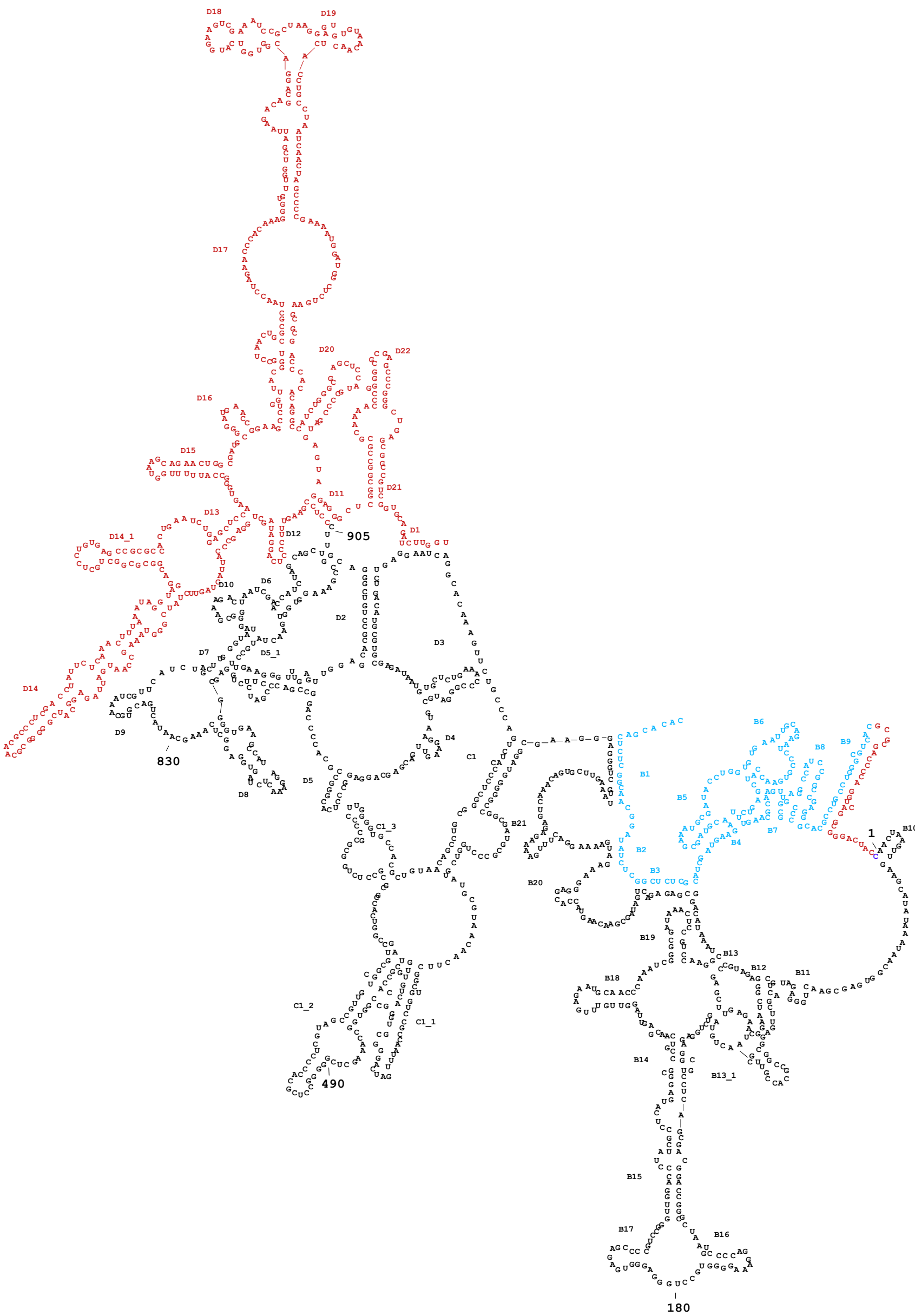
RC1 *O. officinalis*



Partial LSU secondary structures from rRNA families of *Oryza* spp.

5.8S rRNA M16845
LSU rRNA M11585
LSU rRNA AF363902

RC2 *O. officinalis*



Partial LSU secondary structures from rRNA families of *Oryza* spp.

5.8S rRNA M16845
LSU rRNA M11585
LSU rRNA AF363882

RC3 *O. officinalis*