

A

	Box A											
	1	2	3	4	5	6	7	8	9	*	10	11
Tritryps class I	T	G/A	G	C/T	N	C/T	A	G/A	C/T	C/T	G	G
Tritryps class II	T	G/A	G/C	C/T	C	G/A	A	G	T	T	G	G
<i>S. cerevisiae</i>	T	G/A	G	C/T	N	N	A	G/A	H	H	G	G

	Box B										
	1	2	3	4	5	6	7	8	9	10	11
Tritryps class I	G/A	G	T	T	C	G/A	A	N	H	C	C/T
Tritryps class II	G	G	T	T	C	G/A	A	A	C/T	C	C
<i>S. cerevisiae</i>	N	G	T	T	C	G/A	A	N	C/T	C	N

B

	tRNA-Sec box A													
<i>H.sapiens</i>	T	G	<u>A</u>	T	C	C	T	C	A	G	T	G	G	13
<i>X.laevis</i>	T	G	<u>A</u>	C	C	C	T	C	A	G	T	G	G	13
<i>D.melanogaster</i>	T	G	<u>A</u>	A	C	T	T	C	G	G	T	G	G	13
<i>C.elegans</i>	T	G	<u>A</u>	A	C	C	A	T	G	G	C	G	G	13
<i>P.falciparum</i>	T	G	<u>A</u>	G	T	T	A	G	C	A	T	G	G	13
Tritryps	T	G	<u>A</u>	G	C	T	C	A	G	C	T	G	G	13
	*	*	*									*	*	