

**Supplementary Table 2**

Figures	reference RNA	competitor RNA	$\Delta\Delta G$ (kcal/mol)	error $\Delta\Delta G$ (kcal/mol)	p-value	affinity loss (fold)	affinity gain (fold)
Fig 4 e	SRP (t.)	Jo (L.)	0.19	0.08	1.4E-01	1.4	
		Sx (L.)	1.19	0.11	8.4E-03	7.5	
		Y (L.)	1.33	0.11	6.2E-03	9.5	
		Ya5 (L.)	1.14	0.01	7.7E-05	6.9	
		Jo (R.)	-0.26	0.07	6.1E-02		1.6
		Sx (R.)	2.12	0.14	4.3E-03	36	
		Y (R.)	2.10	0.03	2.3E-04	35	
		Ya5 (R.)	2.23	0.06	6.6E-04	43	
Fig 4 d	Ya5 (L.)	SRP (t.)	-1.61	0.12	5.7E-03		15
		Ya5 (L.) G25C	2.43	0.14	3.4E-03	61	
		Ya5 (R.)	0.67	0.03	2.4E-03	3	
	Ya5 (R.)	SRP (t.)	-2.44	0.24	9.3E-03		61
		Ya5 (R.) G159C	3.30	0.14	1.9E-03	265	
		Ya5 (L.)	-0.85	0.06	4.4E-03		4.2
		non-specific RNA	3.21	0.25	6.0E-03	226	