

Supplemental Table 1: Thermodynamic parameters for Lsm1-7 and PatMC/Lsm1-7 binding RNA.

RNA	Lsm1-7			PatMC/Lsm1-7		
	K _d (nM)	Hill coefficient	ΔG (kcal/mol ⁻¹ K ⁻¹)	K _d (nM)	Hill coefficient	ΔG (kcal/mol ⁻¹ K ⁻¹)
A15	78.5 ± 7	0.86 ± 0.04	-9.59 ± 0.05	3.7 ± 0.7	1.78 ± 0.11	-11.4 ± 0.11
A14U1	122.3 ± 11	0.99 ± 0.04	-9.33 ± 0.05	3.0 ± 0.6	1.96 ± 0.11	-11.5 ± 0.11
A10U5	17 ± 2	0.81 ± 0.07	-10.5 ± 0.09	3.2 ± 0.4	1.61 ± 0.19	-11.5 ± 0.08
U5A10	4.99 ± 1	0.58 ± 0.03	-11.2 ± 0.16	3.2 ± 0.9	1.32 ± 0.14	-11.5 ± 0.17
U10A5	2.86 ± 0.6	0.68 ± 0.09	-11.5 ± 0.13	1.6 ± 0.1	1.42 ± 0.28	-11.9 ± 0.04
U15	1.9 ± 1	0.53 ± 0.08	-11.8 ± 0.29	1.4 ± 0.1	0.89 ± 0.06	-11.9 ± 0.05

Dissociation constants, Hill coefficients, and free energy for Lsm1-7 and PatMC/Lsm1-7 for different RNAs. The raw binding isotherms are displayed in Figure S1.