Supplemental Table 1: Ribonucleoside standards used in this study

Limited Standard Mix				
Nucleoside modification: Full name	Abbrev.	Monoisotopic mass	Amount (1 ml) in nmol	in µg
Adenosine	A	268.10403	186.49	50
1-methyladenosine	m^1A	282.11968	177.23	50
2'-*O*-methyladenosine	Am	282.11968	177.23	50
Cytidine	C	244.09280	204.84	50
2'-*O*-methylcytidine	Cm	258.10845	193.72	50
3-methylcytidine	m^3C	258.10845	193.72	50
5-methylcytidine	m^5C	258.10845	193.72	50
N^4-acetylcytidine	ac^4C	286.10336	174.76	50
Guanosine	G	284.09895	176.00	50
1-methylguanosine	m^1G	298.11460	167.72	50
2-methylguanosine	m^2G	298.11460	167.72	50
2'-*O*-methylguanosine	Gm	298.11460	167.72	50
7-methylguanosine	m^7G	298.11460	167.72	50
Uridine	U	245.07681	204.02	50
2'-*O*-methyluridine	Um	259.09246	192.98	50
2-thiouridine	s^2U	261.05397	191.53	50
5-methyluridine	m^5U	259.09246	192.98	50
Pseudouridine	Ψ	245.07681	204.02	50
1-methylpseudouridine	$m^1Ψ$	259.09246	192.98	50
Inosine	I	269.08805	185.81	50

Complex Standard Mix (in addition to above)				
Nucleoside modification: Full name	Abbrev.	Monoisotopic mass	Amount (1 ml) in nmol	in µg
N^6-methyladenosine	m^6A	282.11968	177.23	50
N^2,N^2-dimethylguanosine	$m^{2,2}G$	312.13025	160.19	50
5-carbamoylmethyluridine	ncm^5U	302.09828	165.51	50
5-carbamoylmethyl-2-thiouridine	ncm^5s^2U	318.07543	157.20	50
5-carboxymethyluridine	cm^5U	303.08229	164.97	50
5-carboxymethyl-2-thiouridine	cm^5s^2U	319.05945	156.71	50
5-hydroxyuridine	ho^5U	261.07173	191.52	50
5-methoxycarbonylmethyluridine	mcm^5U	317.09794	157.68	50
5-methoxycarbonylmethyl-2-thiouridine	mcm^5s^2U	333.07510	150.12	50
5-methyl-2-thiouridine	m^5s^2U	275.06962	181.77	50
2'-*O*-methylinosine	Im	283.10370	176.61	50