

Modifications included in standard LC-MC based RNA Modification Analysis

Number	Nucleoside	Symbol	Number	Nucleoside	Symbol
1	3'-O-methyladenosine	3'-OMeA	2	3'-O-methyluridine	3'-OMeU
3	2'-O-methylcytidine	Cm	4	5-methyl-2-thiouridine	m ⁵ s ² U
5	3-methylcytidine	m ³ C	6	5-methoxyuridine	mo ⁵ U
7	5-methylcytidine	m ⁵ C	8	pseudouridine	Ψ
9	N ⁶ -isopentenyladenosine	i ⁶ A	10	2'-O-methylinosine	Im
11	5,2'-O-dimethylcytidine	m ⁵ Cm	12	3-methyluridine	m ³ U
13	1-methyladenosine	m ¹ A	14	1-methylpseudouridine	m ¹ Ψ
15	2-thiocytidine	s ² C	16	5-hydroxymethylcytidine	hm ⁵ C
17	N ² , N ² , 7-trimethylguanosine	m ^{2,2,7} G	18	5,2'-O-dimethyluridine	m ⁵ Um
19	N ⁴ -acetyl-2'-O-methylcytidine	ac ⁴ Cm	20	N ⁶ -threonylcarbamoyladenine	t ⁶ A
21	N6-methyladenosine	m ⁶ A	22	2-methylthio-N ⁶ -threonylcarbamoyladenine	ms ² t ⁶ A
23	3'-O-methylcytidine	3'-OmeC	24	5-carboxymethyluridine	cm ⁵ U
25	2'-O-methyladenosine	Am	26	5-methoxycarbonylmethyl-2-thiouridine	mcm ⁵ s ² U
27	N ² , N ² -dimethylguanosine	m ² ₂ G	28	5-Methoxycarbonylmethyluridine	mcm ⁵ U
29	5'-O-methylthymidine	5'-OMeT	30	2-methylthio-N6-isopentenyladenosine	ms2i6A
31	2'-O-methyluridine	Um	32	Peroxywybutosine	o ² Ψw
33	inosine	I	34	5-taurinomethyl-2-thiouridine	tm ⁵ s ² U
35	2'-O-methylguanosine	Gm	36	5-oxyacetic acid uridine	cmo ⁵ U
37	1-methylguanosine	m ¹ G	38	5-carbamoylmethyluridine	ncm ⁵ U
39	7-methylguanosine	m ⁷ G	40	Queuosine	Q
41	N ² -methylguanosine	m ² G	42	5-taurinomethyluridine	tm ⁵ U
43	3'-O-methylinosine	3'-OMeI	44	5-formyl-2'-O-methylcytidine	f ⁵ Cm
45	2-thiouridine	s ² U	46	dihydrouridine	D
47	4-thiouridine	s ⁴ U	48	5-formylcytidine	f ⁵ C
49	5-methyluridine	m ⁵ U	50	wybutosine	ΨW
51	N ⁴ -acetylcytidine	ac ⁴ C	52	5-methoxycarbonylmethyl-2'-o-methyluridine	mcm ⁵ Um
53	N6, O2'-methyladenosine	m6Am			