

Mouse tissue (mC content)	Mouse	Mouse	Mouse	Average
	1	2	3	mouse 1-3
<i>Spinal cord</i>	4.55	4.82	-	<b>4.66</b>
	SD	0.19	0.23	0.25
	RSD / %	4.09	4.86	5.29
<i>Kidney</i>	4.67	3.51	4.76	<b>4.13</b>
	SD	0.12	0.17	0.64
	RSD / %	2.66	4.94	15.54
<i>Nasal epithelia</i>	3.80	3.66	-	<b>3.73</b>
	SD	0.11	0.24	0.20
	RSD / %	2.89	6.51	5.31
<i>Bladder</i>	4.26	4.24	4.66	<b>4.38</b>
	SD	0.09	0.05	0.33
	RSD / %	2.11	1.20	7.63
<i>Heart</i>	4.55	4.51	4.23	<b>4.42</b>
	SD	0.45	0.20	0.30
	RSD / %	9.94	4.48	6.76
<i>Muscle</i>	4.03	4.62	-	<b>4.36</b>
	SD	0.08	0.23	0.31
	RSD / %	1.98	4.94	7.19
<i>Lung</i>	4.57	4.13	4.15	<b>4.21</b>
	SD	0.49	0.07	0.33
	RSD / %	10.82	1.69	7.73
<i>Pituitary gland</i>	4.14	4.11	-	<b>4.13</b>
	SD	0.20	0.08	0.15
	RSD / %	4.75	0.07	3.63
<i>Liver</i>	4.37	4.78	-	<b>4.15</b>
	SD	0.02	0.21	0.36
	RSD / %	0.43	4.31	8.65
<i>Spleen</i>	4.65	4.25	4.31	<b>4.41</b>
	SD	0.35	0.03	0.28
	RSD / %	7.43	0.59	6.40
<i>Testes</i>	4.43	4.27	4.01	<b>4.28</b>
	SD	0.29	0.01	0.24
	RSD / %	6.54	0.14	5.58

Mouse tissue (hmC content)	Mouse	Mouse	Mouse	Average
	1	2	3	mouse 1-3
<i>Spinal cord</i>	0.40	0.57	-	<b>0.46</b>
	SD	0.05	0.01	0.09
	RSD / %	12.30	1.71	19.55
<i>Kidney</i>	0.19	0.16	0.18	<b>0.17</b>
	SD	0.01	<0.01	0.01
	RSD / %	2.68	0.75	3.70
<i>Nasal epithelia</i>	0.16	0.18	-	<b>0.17</b>
	SD	<0.01	<0.01	0.01
	RSD / %	0.64	1.56	7.40
<i>Bladder</i>	0.15	0.16	0.17	<b>0.16</b>
	SD	0.01	<0.01	0.01
	RSD / %	5.01	3.16	5.24
<i>Heart</i>	0.15	0.17	0.14	<b>0.15</b>
	SD	0.01	0.02	0.02
	RSD / %	6.97	14.07	11.82
<i>Muscle</i>	0.16	0.13	-	<b>0.15</b>
	SD	0.03	0.01	0.03
	RSD / %	18.86	8.42	22.35
<i>Lung</i>	0.13	0.14	0.16	<b>0.14</b>
	SD	<0.01	0.02	0.02
	RSD / %	1.87	16.18	14.71
<i>Pituitary gland</i>	0.07	0.04	-	<b>0.06</b>
	SD	<0.01	<0.01	0.01
	RSD / %	7.07	6.53	18.71
<i>Liver</i>	0.06	0.06	-	<b>0.06</b>
	SD	0.01	0.01	0.01
	RSD / %	18.12	14.82	16.75
<i>Spleen</i>	0.03	0.04	0.02	<b>0.03</b>
	SD	0.01	0.01	0.01
	RSD / %	22.54	22.39	32.55
<i>Testes</i>	0.02	0.04	0.03	<b>0.03</b>
	SD	-	0.02	0.02
	RSD / %	-	81.42	58.06

Nucleoside	Nucleoside Mass range <i>m/z</i>	Labeled nucleoside Mass range <i>m/z</i>
hmC	258.1024-258.1144	260.1167-260.1277
mC	242.1075-242.1195	245.1261-245.1381