



Innovative Peptide Solutions

Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
1	H1 1:20 (H1.2)	Ac-SETAPAAPAAAPPAEKAPVK-BZ	P16403
2	H1 1:20 (H1.4)	Ac-SETAPAAPAAAPPAEKTVPVK-BZ	P10412
3	H1 1:20 (H1.5)	Ac-SETAPAETATPAPVEKSPAK-BZ	P16401
4	H1 1:20 (H1.3)	Ac-SETAPLAPTIPAPAEKTPVK-BZ	P16402
5	H1 1:20 (H1.t)	Ac-SETVPAASASAGVAAMEKLP-BZ	P22492
6	H1 1:20 (H1.1)	Ac-SETVPPAPAASAAPEKPLAG-BZ	Q02539
7	H1 1:20 (H1.0)	Ac-TENSTSAPAAKPKRAKASKK-BZ	P07305
8	H1 1:20 pS1 (H1.2)	Ac-pS-ETAPAAPAAAPPAEKAPVK-BZ	P16403
9	H1 1:20 pS1 (H1.4)	Ac-pS-ETAPAAPAAAPPAEKTVPVK-BZ	P10412
10	H1 1:20 pS1 (H1.5)	Ac-pS-ETAPAETATPAPVEKSPAK-BZ	P16401
11	H1 1:20 pS1 (H1.3)	Ac-pS-ETAPLAPTIPAPAEKTPVK-BZ	P16402
12	H1 1:20 pS1 (H1.t)	Ac-pS-ETVPAASASAGVAAMEKLP-BZ	P22492
13	H1 1:20 pS1 (H1.1)	Ac-pS-ETVPPAPAASAAPEKPLAG-BZ	Q02539
14	H1 1:20 pT1 (H1.0)	Ac-pT-ENSTSAPAAKPKRAKASKK-BZ	P07305
15	H1 11:30 (H1.t)	Ac-AGVAAMEKLPTKKRGRKPAG-BZ	P22492
16	H1 11:30 (H1.2)	Ac-APPAEKAPVKKKAACKAGGT-BZ	P16403
17	H1 11:30 (H1.0)	Ac-KPKRAKASKKSTDPKYSMD-BZ	P07305
18	H1 11:30 (H1.3)	Ac-PAPAEKTPVKKKAKKAGATA-BZ	P16402
19	H1 11:30 (H1.4)	Ac-PAPAEKTPVKKKARKSAGAA-BZ	P10412
20	H1 11:30 (H1.5)	Ac-PAPVEKSPAKKATKKAAGA-BZ	P16401
21	H1 11:30 (H1.1)	Ac-SAAPEKPLAGKAKKPAKAA-BZ	Q02539
22	H1 11:30 K23ac (H1.t)	Ac-AGVAAMEKLPTK-KAc-RGRKPAG-BZ	P22492
23	H1 11:30 K23me1 (H1.t)	Ac-AGVAAMEKLPTK-KMe1-RGRKPAG-BZ	P22492
24	H1 11:30 K23me2 (H1.t)	Ac-AGVAAMEKLPTK-KMe2-RGRKPAG-BZ	P22492
25	H1 11:30 K23me3 (H1.t)	Ac-AGVAAMEKLPTK-KMe3-RGRKPAG-BZ	P22492
26	H1 11:30 K23but (H1.t)	Ac-AGVAAMEKLPTK-KBut-RGRKPAG-BZ	P22492
27	H1 11:30 K23prop (H1.t)	Ac-AGVAAMEKLPTK-KProp-RGRKPAG-BZ	P22492
28	H1 11:30 K23mal (H1.t)	Ac-AGVAAMEKLPTK-KMal-RGRKPAG-BZ	P22492
29	H1 11:30 K23suc (H1.t)	Ac-AGVAAMEKLPTK-KSuc-RGRKPAG-BZ	P22492
30	H1 11:30 K18ac (H1.t)	Ac-AGVAAME-KAc-LPTKKRGRKPAG-BZ	P22492
31	H1 11:30 K18me1 (H1.t)	Ac-AGVAAME-KMe1-LPTKKRGRKPAG-BZ	P22492
32	H1 11:30 K18me2 (H1.t)	Ac-AGVAAME-KMe2-LPTKKRGRKPAG-BZ	P22492
33	H1 11:30 K18me3 (H1.t)	Ac-AGVAAME-KMe3-LPTKKRGRKPAG-BZ	P22492
34	H1 11:30 K18but (H1.t)	Ac-AGVAAME-KBut-LPTKKRGRKPAG-BZ	P22492
35	H1 11:30 K18prop (H1.t)	Ac-AGVAAME-KProp-LPTKKRGRKPAG-BZ	P22492
36	H1 11:30 K18mal (H1.t)	Ac-AGVAAME-KMal-LPTKKRGRKPAG-BZ	P22492
37	H1 11:30 K18suc (H1.t)	Ac-AGVAAME-KSuc-LPTKKRGRKPAG-BZ	P22492
38	H1 11:30 K21ac (H1.2)	Ac-APPAEKAPVK-KAc-KAAKAGGT-BZ	P16403
39	H1 11:30 K21me1 (H1.2)	Ac-APPAEKAPVK-KMe1-KAAKAGGT-BZ	P16403
40	H1 11:30 K21me2 (H1.2)	Ac-APPAEKAPVK-KMe2-KAAKAGGT-BZ	P16403
41	H1 11:30 K21me3 (H1.2)	Ac-APPAEKAPVK-KMe3-KAAKAGGT-BZ	P16403
42	H1 11:30 K21but (H1.2)	Ac-APPAEKAPVK-KBut-KAAKAGGT-BZ	P16403
43	H1 11:30 K21prop (H1.2)	Ac-APPAEKAPVK-KProp-KAAKAGGT-BZ	P16403



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	Peptide Name	Peptide Sequence	Uniprot
44	H1 11:30 K21mal (H1.2)	Ac-APPAEKAPVK-KMal-KAAKKAGGT-BZ	P16403
45	H1 11:30 K21suc (H1.2)	Ac-APPAEKAPVK-KSuc-KAAKKAGGT-BZ	P16403
46	H1 11:30 K16ac (H1.2)	Ac-APPAE-KAc-APVKKKAAKKAGGT-BZ	P16403
47	H1 11:30 K16me1 (H1.2)	Ac-APPAE-KMe1-APVKKKAAKKAGGT-BZ	P16403
48	H1 11:30 K16me2 (H1.2)	Ac-APPAE-KMe2-APVKKKAAKKAGGT-BZ	P16403
49	H1 11:30 K16me3 (H1.2)	Ac-APPAE-KMe3-APVKKKAAKKAGGT-BZ	P16403
50	H1 11:30 K16but (H1.2)	Ac-APPAE-KBut-APVKKKAAKKAGGT-BZ	P16403
51	H1 11:30 K16prop (H1.2)	Ac-APPAE-KProp-APVKKKAAKKAGGT-BZ	P16403
52	H1 11:30 K16mal (H1.2)	Ac-APPAE-KMal-APVKKKAAKKAGGT-BZ	P16403
53	H1 11:30 K16suc (H1.2)	Ac-APPAE-KSuc-APVKKKAAKKAGGT-BZ	P16403
54	H1 11:30 K21ac (H1.3)	Ac-PAPAEKTPVK-KAc-KAKKAGATA-BZ	P16402
55	H1 11:30 K21me1 (H1.3)	Ac-PAPAEKTPVK-KMe1-KAKKAGATA-BZ	P16402
56	H1 11:30 K21me2 (H1.3)	Ac-PAPAEKTPVK-KMe2-KAKKAGATA-BZ	P16402
57	H1 11:30 K21me3 (H1.3)	Ac-PAPAEKTPVK-KMe3-KAKKAGATA-BZ	P16402
58	H1 11:30 K21but (H1.3)	Ac-PAPAEKTPVK-KBut-KAKKAGATA-BZ	P16402
59	H1 11:30 K21prop (H1.3)	Ac-PAPAEKTPVK-KProp-KAKKAGATA-BZ	P16402
60	H1 11:30 K21mal (H1.3)	Ac-PAPAEKTPVK-KMal-KAKKAGATA-BZ	P16402
61	H1 11:30 K21suc (H1.3)	Ac-PAPAEKTPVK-KSuc-KAKKAGATA-BZ	P16402
62	H1 11:30 pT17 (H1.3)	Ac-PAPAEK-pT-PVKKKAKKAGATA-BZ	P16402
63	H1 11:30 K16ac (H1.3)	Ac-PAPAE-KAc-TPVKKKAKKAGATA-BZ	P16402
64	H1 11:30 K16me1 (H1.3)	Ac-PAPAE-KMe1-TPVKKKAKKAGATA-BZ	P16402
65	H1 11:30 K16me2 (H1.3)	Ac-PAPAE-KMe2-TPVKKKAKKAGATA-BZ	P16402
66	H1 11:30 K16me3 (H1.3)	Ac-PAPAE-KMe3-TPVKKKAKKAGATA-BZ	P16402
67	H1 11:30 K16but (H1.3)	Ac-PAPAE-KBut-TPVKKKAKKAGATA-BZ	P16402
68	H1 11:30 K16prop (H1.3)	Ac-PAPAE-KProp-TPVKKKAKKAGATA-BZ	P16402
69	H1 11:30 K16mal (H1.3)	Ac-PAPAE-KMal-TPVKKKAKKAGATA-BZ	P16402
70	H1 11:30 K16suc (H1.3)	Ac-PAPAE-KSuc-TPVKKKAKKAGATA-BZ	P16402
71	H1 11:30 K21ac (H1.4)	Ac-PAPAEKTPVK-KAc-KARKSAGAA-BZ	P10412
72	H1 11:30 K21me1 (H1.4)	Ac-PAPAEKTPVK-KMe1-KARKSAGAA-BZ	P10412
73	H1 11:30 K21me2 (H1.4)	Ac-PAPAEKTPVK-KMe2-KARKSAGAA-BZ	P10412
74	H1 11:30 K21me3 (H1.4)	Ac-PAPAEKTPVK-KMe3-KARKSAGAA-BZ	P10412
75	H1 11:30 K21but (H1.4)	Ac-PAPAEKTPVK-KBut-KARKSAGAA-BZ	P10412
76	H1 11:30 K21prop (H1.4)	Ac-PAPAEKTPVK-KProp-KARKSAGAA-BZ	P10412
77	H1 11:30 K21mal (H1.4)	Ac-PAPAEKTPVK-KMal-KARKSAGAA-BZ	P10412
78	H1 11:30 K21suc (H1.4)	Ac-PAPAEKTPVK-KSuc-KARKSAGAA-BZ	P10412
79	H1 11:30 K21ac (H1.5)	Ac-PAPVEKSPAK-KAc-KATKKAAGA-BZ	P16401
80	H1 11:30 K21me1 (H1.5)	Ac-PAPVEKSPAK-KMe1-KATKKAAGA-BZ	P16401
81	H1 11:30 K21me2 (H1.5)	Ac-PAPVEKSPAK-KMe2-KATKKAAGA-BZ	P16401
82	H1 11:30 K21me3 (H1.5)	Ac-PAPVEKSPAK-KMe3-KATKKAAGA-BZ	P16401
83	H1 11:30 K21but (H1.5)	Ac-PAPVEKSPAK-KBut-KATKKAAGA-BZ	P16401
84	H1 11:30 K21prop (H1.5)	Ac-PAPVEKSPAK-KProp-KATKKAAGA-BZ	P16401
85	H1 11:30 K21mal (H1.5)	Ac-PAPVEKSPAK-KMal-KATKKAAGA-BZ	P16401
86	H1 11:30 K21suc (H1.5)	Ac-PAPVEKSPAK-KSuc-KATKKAAGA-BZ	P16401



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	Peptide Name	Peptide Sequence	Uniprot
87	H1 11:30 pS17 (H1.5)	Ac-PAPVEK-pS-PAKKKATKKAAGA-BZ	P16401
88	H1 11:30 K16ac (H1.5)	Ac-PAPVE-KAc-SPAKKKATKKAAGA-BZ	P16401
89	H1 11:30 K16me1 (H1.5)	Ac-PAPVE-KMe1-SPAKKKATKKAAGA-BZ	P16401
90	H1 11:30 K16me2 (H1.5)	Ac-PAPVE-KMe2-SPAKKKATKKAAGA-BZ	P16401
91	H1 11:30 K16me3 (H1.5)	Ac-PAPVE-KMe3-SPAKKKATKKAAGA-BZ	P16401
92	H1 11:30 K16but (H1.5)	Ac-PAPVE-KBut-SPAKKKATKKAAGA-BZ	P16401
93	H1 11:30 K16prop (H1.5)	Ac-PAPVE-KProp-SPAKKKATKKAAGA-BZ	P16401
94	H1 11:30 K16mal (H1.5)	Ac-PAPVE-KMal-SPAKKKATKKAAGA-BZ	P16401
95	H1 11:30 K16suc (H1.5)	Ac-PAPVE-KSuc-SPAKKKATKKAAGA-BZ	P16401
96	H1 11:30 K21ac (H1.1)	Ac-SAAPEKPLAG-KAc-KAKKPAKAA-BZ	Q02539
97	H1 11:30 K21me1 (H1.1)	Ac-SAAPEKPLAG-KMe1-KAKKPAKAA-BZ	Q02539
98	H1 11:30 K21me2 (H1.1)	Ac-SAAPEKPLAG-KMe2-KAKKPAKAA-BZ	Q02539
99	H1 11:30 K21me3 (H1.1)	Ac-SAAPEKPLAG-KMe3-KAKKPAKAA-BZ	Q02539
100	H1 11:30 K21but (H1.1)	Ac-SAAPEKPLAG-KBut-KAKKPAKAA-BZ	Q02539
101	H1 11:30 K21prop (H1.1)	Ac-SAAPEKPLAG-KProp-KAKKPAKAA-BZ	Q02539
102	H1 11:30 K21mal (H1.1)	Ac-SAAPEKPLAG-KMal-KAKKPAKAA-BZ	Q02539
103	H1 11:30 K21suc (H1.1)	Ac-SAAPEKPLAG-KSuc-KAKKPAKAA-BZ	Q02539
104	H1 11:30 K16ac (H1.1)	Ac-SAAPE-KAc-PLAGKKAKKPAKAA-BZ	Q02539
105	H1 11:30 K16me1 (H1.1)	Ac-SAAPE-KMe1-PLAGKKAKKPAKAA-BZ	Q02539
106	H1 11:30 K16me2 (H1.1)	Ac-SAAPE-KMe2-PLAGKKAKKPAKAA-BZ	Q02539
107	H1 11:30 K16me3 (H1.1)	Ac-SAAPE-KMe3-PLAGKKAKKPAKAA-BZ	Q02539
108	H1 11:30 K16but (H1.1)	Ac-SAAPE-KBut-PLAGKKAKKPAKAA-BZ	Q02539
109	H1 11:30 K16prop (H1.1)	Ac-SAAPE-KProp-PLAGKKAKKPAKAA-BZ	Q02539
110	H1 11:30 K16mal (H1.1)	Ac-SAAPE-KMal-PLAGKKAKKPAKAA-BZ	Q02539
111	H1 11:30 K16suc (H1.1)	Ac-SAAPE-KSuc-PLAGKKAKKPAKAA-BZ	Q02539
112	H1 21:40 (H1.t)	Ac-TKKRGRKPAGLISASRKVPN-BZ	P22492
113	H1 21:40 (H1.2)	Ac-KKAACKAGGTPRKASGPPVS-BZ	P16403
114	H1 21:40 (H1.3)	Ac-KKAKKAGATAGKRKASGPPV-BZ	P16402
115	H1 21:40 (H1.1)	Ac-KKAKKPAKAAAASKKKPAGP-BZ	Q02539
116	H1 21:40 (H1.4)	Ac-KKARKSAGAAKRKASGPPVS-BZ	P10412
117	H1 21:40 (H1.5)	Ac-KKATKKAAGAGAAKRKATGP-BZ	P16401
118	H1 21:40 K33ac (H1.2)	Ac-KKAACKAGGTTPR-KAc-ASGPPVS-BZ	P16403
119	H1 21:40 K33me1 (H1.2)	Ac-KKAACKAGGTTPR-KMe1-ASGPPVS-BZ	P16403
120	H1 21:40 K33me2 (H1.2)	Ac-KKAACKAGGTTPR-KMe2-ASGPPVS-BZ	P16403
121	H1 21:40 K33me3 (H1.2)	Ac-KKAACKAGGTTPR-KMe3-ASGPPVS-BZ	P16403
122	H1 21:40 K33but (H1.2)	Ac-KKAACKAGGTTPR-KBut-ASGPPVS-BZ	P16403
123	H1 21:40 K33prop (H1.2)	Ac-KKAACKAGGTTPR-KProp-ASGPPVS-BZ	P16403
124	H1 21:40 K33mal (H1.2)	Ac-KKAACKAGGTTPR-KMal-ASGPPVS-BZ	P16403
125	H1 21:40 K33suc (H1.2)	Ac-KKAACKAGGTTPR-KSuc-ASGPPVS-BZ	P16403
126	H1 21:40 pS35 (H1.4)	Ac-KKARKSAGAAKRKA-pS-GPPVS-BZ	P10412
127	H1 21:40 K33ac (H1.4)	Ac-KKARKSAGAAKR-KAc-ASGPPVS-BZ	P10412
128	H1 21:40 K33me1 (H1.4)	Ac-KKARKSAGAAKR-KMe1-ASGPPVS-BZ	P10412
129	H1 21:40 K33me2 (H1.4)	Ac-KKARKSAGAAKR-KMe2-ASGPPVS-BZ	P10412



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	Peptide Name	Peptide Sequence	Uniprot
130	H1 21:40 K33me3 (H1.4)	Ac-KKARKSAGAAKR-KMe3-ASGPPVS-BZ	P10412
131	H1 21:40 K33but (H1.4)	Ac-KKARKSAGAAKR-KBut-ASGPPVS-BZ	P10412
132	H1 21:40 K33prop (H1.4)	Ac-KKARKSAGAAKR-KProp-ASGPPVS-BZ	P10412
133	H1 21:40 K33mal (H1.4)	Ac-KKARKSAGAAKR-KMal-ASGPPVS-BZ	P10412
134	H1 21:40 K33suc (H1.4)	Ac-KKARKSAGAAKR-KSuc-ASGPPVS-BZ	P10412
135	H1 22:41 (H1.3)	Ac-KAKKAGATAGKRKASGPPVS-BZ	P16402
136	H1 22:41 pS36 (H1.3)	Ac-KAKKAGATAGKRKA-pS-GPPVS-BZ	P16402
137	H1 22:41 K34ac (H1.3)	Ac-KAKKAGATAGKR-KAc-ASGPPVS-BZ	P16402
138	H1 22:41 K34me1 (H1.3)	Ac-KAKKAGATAGKR-KMe1-ASGPPVS-BZ	P16402
139	H1 22:41 K34me2 (H1.3)	Ac-KAKKAGATAGKR-KMe2-ASGPPVS-BZ	P16402
140	H1 22:41 K34me3 (H1.3)	Ac-KAKKAGATAGKR-KMe3-ASGPPVS-BZ	P16402
141	H1 22:41 K34but (H1.3)	Ac-KAKKAGATAGKR-KBut-ASGPPVS-BZ	P16402
142	H1 22:41 K34prop (H1.3)	Ac-KAKKAGATAGKR-KProp-ASGPPVS-BZ	P16402
143	H1 22:41 K34mal (H1.3)	Ac-KAKKAGATAGKR-KMal-ASGPPVS-BZ	P16402
144	H1 22:41 K34suc (H1.3)	Ac-KAKKAGATAGKR-KSuc-ASGPPVS-BZ	P16402
145	H1 26:45 (H1.2)	Ac-KAGGTPRKASGPPVSELITK-BZ	P16403
146	H1 26:45 pS35 (H1.2)	Ac-KAGGTPRKA-pS-GPPVSELITK-BZ	P16403
147	H1 21:40 (H1.0)	Ac-STDHPKYSDMIVAAIQAEN-BZ	P07305
148	H1 31:50 (H1.t)	Ac-LISASRKVPNLSVSKLITEA-BZ	P22492
149	H1 31:50 K37ac (H1.t)	Ac-LISASR-KAc-VPNLSVSKLITEA-BZ	P22492
150	H1 31:50 K37me1 (H1.t)	Ac-LISASR-KMe1-VPNLSVSKLITEA-BZ	P22492
151	H1 31:50 K37me2 (H1.t)	Ac-LISASR-KMe2-VPNLSVSKLITEA-BZ	P22492
152	H1 31:50 K37me3 (H1.t)	Ac-LISASR-KMe3-VPNLSVSKLITEA-BZ	P22492
153	H1 31:50 K37but (H1.t)	Ac-LISASR-KBut-VPNLSVSKLITEA-BZ	P22492
154	H1 31:50 K37prop (H1.t)	Ac-LISASR-KProp-VPNLSVSKLITEA-BZ	P22492
155	H1 31:50 K37mal (H1.t)	Ac-LISASR-KMal-VPNLSVSKLITEA-BZ	P22492
156	H1 31:50 K37suc (H1.t)	Ac-LISASR-KSuc-VPNLSVSKLITEA-BZ	P22492
157	H1 31:50 (H1.1)	Ac-AASKKPKAGPSVSELIVQAA-BZ	Q02539
158	H1 31:50 (H1.5)	Ac-GAAKRKATGPPVSELITKAV-BZ	P16401
159	H1 31:50 K36ac (H1.1)	Ac-AASKK-KAc-PAGPSVSELIVQAA-BZ	Q02539
160	H1 31:50 K36me1 (H1.1)	Ac-AASKK-KMe1-PAGPSVSELIVQAA-BZ	Q02539
161	H1 31:50 K36me2 (H1.1)	Ac-AASKK-KMe2-PAGPSVSELIVQAA-BZ	Q02539
162	H1 31:50 K36me3 (H1.1)	Ac-AASKK-KMe3-PAGPSVSELIVQAA-BZ	Q02539
163	H1 31:50 K36but (H1.1)	Ac-AASKK-KBut-PAGPSVSELIVQAA-BZ	Q02539
164	H1 31:50 K36prop (H1.1)	Ac-AASKK-KProp-PAGPSVSELIVQAA-BZ	Q02539
165	H1 31:50 K36mal (H1.1)	Ac-AASKK-KMal-PAGPSVSELIVQAA-BZ	Q02539
166	H1 31:50 K36suc (H1.1)	Ac-AASKK-KSuc-PAGPSVSELIVQAA-BZ	Q02539
167	H1 31:50 pT38 (H1.5)	Ac-GAAKRKA-pT-GPPVSELITKAV-BZ	P16401
168	H1 31:50 K36ac (H1.5)	Ac-GAAKR-KAc-ATGPPVSELITKAV-BZ	P16401
169	H1 31:50 K36me1 (H1.5)	Ac-GAAKR-KMe1-ATGPPVSELITKAV-BZ	P16401
170	H1 31:50 K36me2 (H1.5)	Ac-GAAKR-KMe2-ATGPPVSELITKAV-BZ	P16401
171	H1 31:50 K36me3 (H1.5)	Ac-GAAKR-KMe3-ATGPPVSELITKAV-BZ	P16401
172	H1 31:50 K36but (H1.5)	Ac-GAAKR-KBut-ATGPPVSELITKAV-BZ	P16401



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216	H1 31:50 K39ac (H1.0)	Ac-IVAAIQAE-KAc-NRAGSSRQSIQ-BZ	P07305
217	H1 31:50 K39me1 (H1.0)	Ac-IVAAIQAE-KMe1-NRAGSSRQSIQ-BZ	P07305
218	H1 31:50 K39me2 (H1.0)	Ac-IVAAIQAE-KMe2-NRAGSSRQSIQ-BZ	P07305
219	H1 31:50 K39me3 (H1.0)	Ac-IVAAIQAE-KMe3-NRAGSSRQSIQ-BZ	P07305
220	H1 31:50 K39but (H1.0)	Ac-IVAAIQAE-KBut-NRAGSSRQSIQ-BZ	P07305
221	H1 31:50 K39prop (H1.0)	Ac-IVAAIQAE-KProp-NRAGSSRQSIQ-BZ	P07305
222	H1 31:50 K39mal (H1.0)	Ac-IVAAIQAE-KMal-NRAGSSRQSIQ-BZ	P07305
223	H1 31:50 K39suc (H1.0)	Ac-IVAAIQAE-KSuc-NRAGSSRQSIQ-BZ	P07305
224	H1 51:70 (H1.t)	Ac-LSVSQERVGMSLVALKKALA-BZ	P22492
225	H1 51:70 (H1.5)	Ac-AASKERNGLSLAALKKALAA-BZ	P16401
226	H1 51:70 (H1.1)	Ac-SSSKERGGVSLAALKKALAA-BZ	Q02539
227	H1 51\52:70\71 (H1.2\3\4)	Ac-KERSGVSLAALKKALAAAGY-BZ	P10412, P16403, P16402
228	H1 55:74 (H1.5)	Ac-ERNGLSLAALKKALAAGGYD-BZ	P16401
229	H1 55:74 K66ac (H1.5)	Ac-ERNGLSLAALK-KAc-ALAAGGYD-BZ	P16401
230	H1 55:74 K66me1 (H1.5)	Ac-ERNGLSLAALK-KMe1-ALAAGGYD-BZ	P16401
231	H1 55:74 K66me2 (H1.5)	Ac-ERNGLSLAALK-KMe2-ALAAGGYD-BZ	P16401
232	H1 55:74 K66me3 (H1.5)	Ac-ERNGLSLAALK-KMe3-ALAAGGYD-BZ	P16401
233	H1 55:74 K66but (H1.5)	Ac-ERNGLSLAALK-KBut-ALAAGGYD-BZ	P16401
234	H1 55:74 K66prop (H1.5)	Ac-ERNGLSLAALK-KProp-ALAAGGYD-BZ	P16401
235	H1 55:74 K66mal (H1.5)	Ac-ERNGLSLAALK-KMal-ALAAGGYD-BZ	P16401
236	H1 55:74 K66suc (H1.5)	Ac-ERNGLSLAALK-KSuc-ALAAGGYD-BZ	P16401
237	H1 55:74 K65ac (H1.5)	Ac-ERNGLSLAAL-KAc-KALAAGGYD-BZ	P16401
238	H1 55:74 K65me1 (H1.5)	Ac-ERNGLSLAAL-KMe1-KALAAGGYD-BZ	P16401
239	H1 55:74 K65me2 (H1.5)	Ac-ERNGLSLAAL-KMe2-KALAAGGYD-BZ	P16401
240	H1 55:74 K65me3 (H1.5)	Ac-ERNGLSLAAL-KMe3-KALAAGGYD-BZ	P16401
241	H1 55:74 K65but (H1.5)	Ac-ERNGLSLAAL-KBut-KALAAGGYD-BZ	P16401
242	H1 55:74 K65prop (H1.5)	Ac-ERNGLSLAAL-KProp-KALAAGGYD-BZ	P16401
243	H1 55:74 K65mal (H1.5)	Ac-ERNGLSLAAL-KMal-KALAAGGYD-BZ	P16401
244	H1 55:74 K65suc (H1.5)	Ac-ERNGLSLAAL-KSuc-KALAAGGYD-BZ	P16401
245	H1 41:60 (H1.0)	Ac-RAGSSRQSIQKIYIKSHYKVG-BZ	P07305
246	H1 57:76 (H1.t)	Ac-RVGMSLVALKKALAAAGYDV-BZ	P22492
247	H1 41:60 K51ac (H1.0)	Ac-RAGSSRQSIQ-KAc-YIKSHYKVG-BZ	P07305
248	H1 41:60 K51me1 (H1.0)	Ac-RAGSSRQSIQ-KMe1-YIKSHYKVG-BZ	P07305
249	H1 41:60 K51me2 (H1.0)	Ac-RAGSSRQSIQ-KMe2-YIKSHYKVG-BZ	P07305
250	H1 41:60 K51me3 (H1.0)	Ac-RAGSSRQSIQ-KMe3-YIKSHYKVG-BZ	P07305
251	H1 41:60 K51but (H1.0)	Ac-RAGSSRQSIQ-KBut-YIKSHYKVG-BZ	P07305
252	H1 41:60 K51prop (H1.0)	Ac-RAGSSRQSIQ-KProp-YIKSHYKVG-BZ	P07305
253	H1 41:60 K51mal (H1.0)	Ac-RAGSSRQSIQ-KMal-YIKSHYKVG-BZ	P07305
254	H1 41:60 K51suc (H1.0)	Ac-RAGSSRQSIQ-KSuc-YIKSHYKVG-BZ	P07305
255	H1 57:76 K67ac (H1.t)	Ac-RVGMSLVALK-KAc-ALAAAGYDV-BZ	P22492
256	H1 57:76 K67me1 (H1.t)	Ac-RVGMSLVALK-KMe1-ALAAAGYDV-BZ	P22492
257	H1 57:76 K67me2 (H1.t)	Ac-RVGMSLVALK-KMe2-ALAAAGYDV-BZ	P22492
258	H1 57:76 K67me3 (H1.t)	Ac-RVGMSLVALK-KMe3-ALAAAGYDV-BZ	P22492



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	Peptide Name	Peptide Sequence	Uniprot
259	H1 57:76 K67but (H1.t)	Ac-RVGMSLVALK-KBut-ALAAAGYDV-BZ	P22492
260	H1 57:76 K67prop (H1.t)	Ac-RVGMSLVALK-KProp-ALAAAGYDV-BZ	P22492
261	H1 57:76 K67mal (H1.t)	Ac-RVGMSLVALK-KMal-ALAAAGYDV-BZ	P22492
262	H1 57:76 K67suc (H1.t)	Ac-RVGMSLVALK-KSuc-ALAAAGYDV-BZ	P22492
263	H1 57:76 K66ac (H1.t)	Ac-RVGMSLVALK-KAc-KALAAAGYDV-BZ	P22492
264	H1 57:76 K66me1 (H1.t)	Ac-RVGMSLVALK-KMe1-KALAAAGYDV-BZ	P22492
265	H1 57:76 K66me2 (H1.t)	Ac-RVGMSLVALK-KMe2-KALAAAGYDV-BZ	P22492
266	H1 57:76 K66me3 (H1.t)	Ac-RVGMSLVALK-KMe3-KALAAAGYDV-BZ	P22492
267	H1 57:76 K66but (H1.t)	Ac-RVGMSLVALK-KBut-KALAAAGYDV-BZ	P22492
268	H1 57:76 K66prop (H1.t)	Ac-RVGMSLVALK-KProp-KALAAAGYDV-BZ	P22492
269	H1 57:76 K66mal (H1.t)	Ac-RVGMSLVALK-KMal-KALAAAGYDV-BZ	P22492
270	H1 57:76 K66suc (H1.t)	Ac-RVGMSLVALK-KSuc-KALAAAGYDV-BZ	P22492
271	H1 57:76 (H1.1)	Ac-GGVSLAALKKALAAAGYDVE-BZ	Q02539
272	H1 57:76 K66ac (H1.1)	Ac-GGVSLAALK-KAc-ALAAAGYDVE-BZ	Q02539
273	H1 57:76 K66me1 (H1.1)	Ac-GGVSLAALK-KMe1-ALAAAGYDVE-BZ	Q02539
274	H1 57:76 K66me2 (H1.1)	Ac-GGVSLAALK-KMe2-ALAAAGYDVE-BZ	Q02539
275	H1 57:76 K66me3 (H1.1)	Ac-GGVSLAALK-KMe3-ALAAAGYDVE-BZ	Q02539
276	H1 57:76 K66but (H1.1)	Ac-GGVSLAALK-KBut-ALAAAGYDVE-BZ	Q02539
277	H1 57:76 K66prop (H1.1)	Ac-GGVSLAALK-KProp-ALAAAGYDVE-BZ	Q02539
278	H1 57:76 K66mal (H1.1)	Ac-GGVSLAALK-KMal-ALAAAGYDVE-BZ	Q02539
279	H1 57:76 K66suc (H1.1)	Ac-GGVSLAALK-KSuc-ALAAAGYDVE-BZ	Q02539
280	H1 60\61\63\64:79\80\82\83 (H1.1\2\3\4\t)	Ac-ALKKALAAAGYDVEKNNRSRI-BZ	P10412, Q02539, P16403, P16402, P22492
281	H1 64:83 (H1.5)	Ac-LKKALAAAGYDVEKNNRSRIK-BZ	P16401
282	H1 51:70 (H1.0)	Ac-KYIKSHYKVGENADSQIKLS-BZ	P07305
283	H1 73:92 (H1.1)	Ac-YDVEKNNRSRIKLGIKSLVSK-BZ	Q02539
284	H1 70\71\73:89\90\92 (H1.2\3\4\5)	Ac-YDVEKNNRSRIKLGKSLVSK-BZ	P10412, P16401, P16403, P16402
285	H1 74:93 (H1.t)	Ac-YDVEKNNRSRIKLSLKSLSVSK-BZ	P22492
286	H1 74:93 K88ac (H1.t)	Ac-YDVEKNNRSRIKLSL-KAc-SLVNK-BZ	P22492
287	H1 74:93 K88me1 (H1.t)	Ac-YDVEKNNRSRIKLSL-KMe1-SLVNK-BZ	P22492
288	H1 74:93 K88me2 (H1.t)	Ac-YDVEKNNRSRIKLSL-KMe2-SLVNK-BZ	P22492
289	H1 74:93 K88me3 (H1.t)	Ac-YDVEKNNRSRIKLSL-KMe3-SLVNK-BZ	P22492
290	H1 74:93 K88but (H1.t)	Ac-YDVEKNNRSRIKLSL-KBut-SLVNK-BZ	P22492
291	H1 74:93 K88prop (H1.t)	Ac-YDVEKNNRSRIKLSL-KProp-SLVNK-BZ	P22492
292	H1 74:93 K88mal (H1.t)	Ac-YDVEKNNRSRIKLSL-KMal-SLVNK-BZ	P22492
293	H1 74:93 K88suc (H1.t)	Ac-YDVEKNNRSRIKLSL-KSuc-SLVNK-BZ	P22492
294	H1 61:80 (H1.0)	Ac-ENADSQIKLSIKRLVTTGVL-BZ	P07305
295	H1 61:80 K72ac (H1.0)	Ac-ENADSQIKLSI-KAc-RLVTTGVL-BZ	P07305
296	H1 61:80 K72me1 (H1.0)	Ac-ENADSQIKLSI-KMe1-RLVTTGVL-BZ	P07305
297	H1 61:80 K72me2 (H1.0)	Ac-ENADSQIKLSI-KMe2-RLVTTGVL-BZ	P07305
298	H1 61:80 K72me3 (H1.0)	Ac-ENADSQIKLSI-KMe3-RLVTTGVL-BZ	P07305
299	H1 61:80 K72but (H1.0)	Ac-ENADSQIKLSI-KBut-RLVTTGVL-BZ	P07305
300	H1 61:80 K72prop (H1.0)	Ac-ENADSQIKLSI-KProp-RLVTTGVL-BZ	P07305
301	H1 61:80 K72mal (H1.0)	Ac-ENADSQIKLSI-KMal-RLVTTGVL-BZ	P07305



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	Peptide Name	Peptide Sequence	Uniprot
302	H1 61:80 K72suc (H1.0)	Ac-ENADSQIKLSI-KSuc-RLVTTGV-L-BZ	P07305
303	H1 74\75\77:93\94\96 (H1.2\3\4\5)	Ac-KNNSRIKLGKSLVSKGTLV-BZ	P10412, P16401, P16403, P16402
304	H1 74\75\77:93\94\96 K84\85\87ac (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KAc-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
305	H1 74\75\77:93\94\96 K84\85\87me1 (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KMe1-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
306	H1 74\75\77:93\94\96 K84\85\87me2 (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KMe2-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
307	H1 74\75\77:93\94\96 K84\85\87me3 (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KMe3-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
308	H1 74\75\77:93\94\96 K84\85\87but (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KBut-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
309	H1 74\75\77:93\94\96 K84\85\87prop (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KProp-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
310	H1 74\75\77:93\94\96 K84\85\87mal (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KMal-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
311	H1 74\75\77:93\94\96 K84\85\87suc (H1.2\3\4\5)	Ac-KNNSRIKLG-L-KSuc-SLVSKGTLV-BZ	P10412, P16401, P16403, P16402
312	H1 80:99 (H1.1)	Ac-SRIKLGIKSLVSKGTLVQTK-BZ	Q02539
313	H1 80:99 K92ac (H1.1)	Ac-SRIKLGIKSLVS-KAc-GTLVQTK-BZ	Q02539
314	H1 80:99 K92me1 (H1.1)	Ac-SRIKLGIKSLVS-KMe1-GTLVQTK-BZ	Q02539
315	H1 80:99 K92me2 (H1.1)	Ac-SRIKLGIKSLVS-KMe2-GTLVQTK-BZ	Q02539
316	H1 80:99 K92me3 (H1.1)	Ac-SRIKLGIKSLVS-KMe3-GTLVQTK-BZ	Q02539
317	H1 80:99 K92but (H1.1)	Ac-SRIKLGIKSLVS-KBut-GTLVQTK-BZ	Q02539
318	H1 80:99 K92prop (H1.1)	Ac-SRIKLGIKSLVS-KProp-GTLVQTK-BZ	Q02539
319	H1 80:99 K92mal (H1.1)	Ac-SRIKLGIKSLVS-KMal-GTLVQTK-BZ	Q02539
320	H1 80:99 K92suc (H1.1)	Ac-SRIKLGIKSLVS-KSuc-GTLVQTK-BZ	Q02539
321	H1 80:99 K87ac (H1.1)	Ac-SRIKLG-I-KAc-SLVSKGTLVQTK-BZ	Q02539
322	H1 80:99 K87me1 (H1.1)	Ac-SRIKLG-I-KMe1-SLVSKGTLVQTK-BZ	Q02539
323	H1 80:99 K87me2 (H1.1)	Ac-SRIKLG-I-KMe2-SLVSKGTLVQTK-BZ	Q02539
324	H1 80:99 K87me3 (H1.1)	Ac-SRIKLG-I-KMe3-SLVSKGTLVQTK-BZ	Q02539
325	H1 80:99 K87but (H1.1)	Ac-SRIKLG-I-KBut-SLVSKGTLVQTK-BZ	Q02539
326	H1 80:99 K87prop (H1.1)	Ac-SRIKLG-I-KProp-SLVSKGTLVQTK-BZ	Q02539
327	H1 80:99 K87mal (H1.1)	Ac-SRIKLG-I-KMal-SLVSKGTLVQTK-BZ	Q02539
328	H1 80:99 K87suc (H1.1)	Ac-SRIKLG-I-KSuc-SLVSKGTLVQTK-BZ	Q02539
329	H1 84:103 (H1.t)	Ac-KLSLKS(L)KSLVSKGTLVQTRGTG-BZ	P22492
330	H1 84:103 K93ac (H1.t)	Ac-KLSLKS(L)KSLVN-KAc-GILVQTRGTG-BZ	P22492
331	H1 84:103 K93me1 (H1.t)	Ac-KLSLKS(L)KSLVN-KMe1-GILVQTRGTG-BZ	P22492
332	H1 84:103 K93me2 (H1.t)	Ac-KLSLKS(L)KSLVN-KMe2-GILVQTRGTG-BZ	P22492
333	H1 84:103 K93me3 (H1.t)	Ac-KLSLKS(L)KSLVN-KMe3-GILVQTRGTG-BZ	P22492
334	H1 84:103 K93but (H1.t)	Ac-KLSLKS(L)KSLVN-KBut-GILVQTRGTG-BZ	P22492
335	H1 84:103 K93prop (H1.t)	Ac-KLSLKS(L)KSLVN-KProp-GILVQTRGTG-BZ	P22492
336	H1 84:103 K93mal (H1.t)	Ac-KLSLKS(L)KSLVN-KMal-GILVQTRGTG-BZ	P22492
337	H1 84:103 K93suc (H1.t)	Ac-KLSLKS(L)KSLVN-KSuc-GILVQTRGTG-BZ	P22492
338	H1 71:90 (H1.0)	Ac-IKRLVTTGV(L)KQTKGVGASG-BZ	P07305
339	H1 71:90 K84ac (H1.0)	Ac-IKRLVTTGV(L)KQT-KAc-GVGASG-BZ	P07305
340	H1 71:90 K84me1 (H1.0)	Ac-IKRLVTTGV(L)KQT-KMe1-GVGASG-BZ	P07305
341	H1 71:90 K84me2 (H1.0)	Ac-IKRLVTTGV(L)KQT-KMe2-GVGASG-BZ	P07305
342	H1 71:90 K84me3 (H1.0)	Ac-IKRLVTTGV(L)KQT-KMe3-GVGASG-BZ	P07305
343	H1 71:90 K84but (H1.0)	Ac-IKRLVTTGV(L)KQT-KBut-GVGASG-BZ	P07305
344	H1 71:90 K84prop (H1.0)	Ac-IKRLVTTGV(L)KQT-KProp-GVGASG-BZ	P07305



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	Peptide Name	Peptide Sequence	Uniprot
345	H1 71:90 K84mal (H1.0)	Ac-IKRLVTTGVLKQT-KMal-GVGASG-BZ	P07305
346	H1 71:90 K84suc (H1.0)	Ac-IKRLVTTGVLKQT-KSuc-GVGASG-BZ	P07305
347	H1 71:90 pT77 (H1.0)	Ac-IKRLVT-pT-GVLKQTKGVGASG-BZ	P07305
348	H1 84\85\87:103\104\106 (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQTKGTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
349	H1 84\85\87:103\104\106 K96\97\99ac (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KAc-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
350	H1 84\85\87:103\104\106 K96\97\99me1 (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KMe1-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
351	H1 84\85\87:103\104\106 K96\97\99me2 (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KMe2-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
352	H1 84\85\87:103\104\106 K96\97\99me3 (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KMe3-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
353	H1 84\85\87:103\104\106 K96\97\99but (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KBut-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
354	H1 84\85\87:103\104\106 K96\97\99prop (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KProp-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
355	H1 84\85\87:103\104\106 K96\97\99mal (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KMal-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
356	H1 84\85\87:103\104\106 K96\97\99suc (H1.1\2\3\4\5)	Ac-KSLVSKGTLVQT-KSuc-GTGASGS-BZ	P10412, P16401, Q02539, P16403, P16402
357	H1 94:113 (H1.t)	Ac-GILVQTRGTGASGSFKLSKK-BZ	P22492
358	H1 94:113 Cit100 (H1.t)	Ac-GILVQT-Cit-GTGASGSFKLSKK-BZ	P22492
359	H1 94:113 R100me1 (H1.t)	Ac-GILVQT-RMe1-GTGASGSFKLSKK-BZ	P22492
360	H1 94:113 R100me2a (H1.t)	Ac-GILVQT-RMe2a-GTGASGSFKLSKK-BZ	P22492
361	H1 94:113 R100me2s (H1.t)	Ac-GILVQT-RMe2s-GTGASGSFKLSKK-BZ	P22492
362	H1 81:100 (H1.0)	Ac-KQTKGVGASGSFRLAKSDEP-BZ	P07305
363	H1 94\95\97:113\114\116 (H1.2\3\4\5)	Ac-QTKGTGASGSFKLNKKAASG-BZ	P10412, P16401, P16403, P16402
364	H1 97:116 (H1.1)	Ac-QTKGTGASGSFKLNKKAASV-BZ	Q02539
365	H1 104:123 (H1.t)	Ac-ASGSFKLSKVKIPKSTRSKA-BZ	P22492
366	H1 91:110 (H1.0)	Ac-SFRLAKSDEPKKSVAFKTK-BZ	P07305
367	H1 104\107:123\126 (H1.4\5)	Ac-FKLNKKAASGEAKPKAKKAG-BZ	P10412, P16401
368	H1 104:123 (H1.2)	Ac-FKLNKKAASGEAKPKVKKAG-BZ	P16403
369	H1 105:124 (H1.3)	Ac-FKLNKKAASGEGKPKAKKAG-BZ	P16402
370	H1 107:126 (H1.1)	Ac-FKLNKKAASVETKPGASKVA-BZ	Q02539
371	H1 114:133 (H1.t)	Ac-VIPKSTRSKAKKSVSAKTKK-BZ	P22492
372	H1 101:120 (H1.0)	Ac-KKSVAFKTKKEIKKVATPK-BZ	P07305
373	H1 114\117:133\136 (H1.4\5)	Ac-EAKPKAKKAGAAKAKKPAGA-BZ	P10412, P16401
374	H1 114:133 (H1.2)	Ac-EAKPKVKKAGGTPKPKPVGA-BZ	P16403
375	H1 115:134 (H1.3)	Ac-EGKPKAKKAGAAKPRKPAGA-BZ	P16402
376	H1 117:136 (H1.1)	Ac-ETKPGASKVATKTKATGASK-BZ	Q02539
377	H1 124:143 (H1.t)	Ac-KKSVAKTKKLVLSRDSKSP-BZ	P22492
378	H1 111:130 (H1.0)	Ac-KEIKKVATPKKASKPKKAAS-BZ	P07305
379	H1 124:143 (H1.4)	Ac-AAKAKKPAGAAKPKKATGA-BZ	P10412
380	H1 127:146 (H1.5)	Ac-AAKAKKPAGATPKKAKKAAG-BZ	P16401
381	H1 125:144 (H1.3)	Ac-AAKPKKPAGAAKPKKVAGA-BZ	P16402
382	H1 124:143 (H1.2)	Ac-GTKPKPVGAALKPKKAAGG-BZ	P16403
383	H1 127:146 pT137 (H1.5)	Ac-AAKAKKPAGA-pT-PKKAKKAAG-BZ	P16401
384	H1 127:146 (H1.1)	Ac-TKTKATGASKKLLKATGASK-BZ	Q02539
385	H1 127:146 pS135 (H1.1)	Ac-TKTKATGA-pS-KLLKATGASK-BZ	Q02539
386	H1 121:140 (H1.0)	Ac-KASKPKKAASKAPTKKPKAT-BZ	P07305
387	H1 134:153 (H1.2)	Ac-AKPKKAAGGATPKKSAKKT-BZ	P16403



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	Peptide Name	Peptide Sequence	Uniprot
388	H1 134:153 (H1.4)	Ac-AKKPKKATGAATPKKSAKKT-BZ	P10412
389	H1 135:154 (H1.3)	Ac-AKKPKKVAGAATPKKSIKKT-BZ	P16402
390	H1 137:156 (H1.5)	Ac-TPKKAKKAAGAKKAVKKTTPK-BZ	P16401
391	H1 134:153 pT145 (H1.2)	Ac-AKKPKKAAGGA-pT-PKKSAKKT-BZ	P16403
392	H1 134:153 pT145 (H1.4)	Ac-AKKPKKATGAA-pT-PKKSAKKT-BZ	P10412
393	H1 135:154 pT146 (H1.3)	Ac-AKKPKKVAGAA-pT-PKKSIIKKT-BZ	P16402
394	H1 137:156 (H1.1)	Ac-KLKKATGASKKSVKTPKKAK-BZ	Q02539
395	H1 134:153 (H1.t)	Ac-LVLSRDSKSPKTAKTNKRAK-BZ	P22492
396	H1 134:153 K141ac (H1.t)	Ac-LVLSRDS-KAc-SPKTAKTNKRAK-BZ	P22492
397	H1 134:153 K141me1 (H1.t)	Ac-LVLSRDS-KMe1-SPKTAKTNKRAK-BZ	P22492
398	H1 134:153 K141me2 (H1.t)	Ac-LVLSRDS-KMe2-SPKTAKTNKRAK-BZ	P22492
399	H1 134:153 K141me3 (H1.t)	Ac-LVLSRDS-KMe3-SPKTAKTNKRAK-BZ	P22492
400	H1 134:153 K141but (H1.t)	Ac-LVLSRDS-KBut-SPKTAKTNKRAK-BZ	P22492
401	H1 134:153 K141prop (H1.t)	Ac-LVLSRDS-KProp-SPKTAKTNKRAK-BZ	P22492
402	H1 134:153 K141mal (H1.t)	Ac-LVLSRDS-KMal-SPKTAKTNKRAK-BZ	P22492
403	H1 134:153 K141suc (H1.t)	Ac-LVLSRDS-KSuc-SPKTAKTNKRAK-BZ	P22492
404	H1 131:150 (H1.0)	Ac-KAPTKKPKATPVKKAKKKLA-BZ	P07305
405	H1 144:163 (H1.2\4)	Ac-ATPKKSAKKTPKKAKKPAAA-BZ	P10412, P16403
406	H1 145:164 (H1.3)	Ac-ATPKKSIKKTTPKKVKKPATA-BZ	P16402
407	H1 147:166 (H1.5)	Ac-AKKA VKKTPKKAKKPAAGV-BZ	P16401
408	H1 147:166 (H1.1)	Ac-KSVKTPKKAKKPAATRKS SK-BZ	Q02539
409	H1 144:163 (H1.t)	Ac-KTAKTNKRAKPRATPKTV-BZ	P22492
410	H1 141:160 (H1.0)	Ac-PVKKAKKKLAATPKKAKKPK-BZ	P07305
411	H1 141:160 K154ac (H1.0)	Ac-PVKKAKKKLAATP-KAc-KAKKPK-BZ	P07305
412	H1 141:160 K154me1 (H1.0)	Ac-PVKKAKKKLAATP-KMe1-KAKKPK-BZ	P07305
413	H1 141:160 K154me2 (H1.0)	Ac-PVKKAKKKLAATP-KMe2-KAKKPK-BZ	P07305
414	H1 141:160 K154me3 (H1.0)	Ac-PVKKAKKKLAATP-KMe3-KAKKPK-BZ	P07305
415	H1 141:160 K154but (H1.0)	Ac-PVKKAKKKLAATP-KBut-KAKKPK-BZ	P07305
416	H1 141:160 K154prop (H1.0)	Ac-PVKKAKKKLAATP-KProp-KAKKPK-BZ	P07305
417	H1 141:160 K154mal (H1.0)	Ac-PVKKAKKKLAATP-KMal-KAKKPK-BZ	P07305
418	H1 141:160 K154suc (H1.0)	Ac-PVKKAKKKLAATP-KSuc-KAKKPK-BZ	P07305
419	H1 141:160 pT152 (H1.0)	Ac-PVKKAKKKLAA-pT-PKKAKKPK-BZ	P07305
420	H1 154:173 (H1.4)	Ac-PKKAKKPAAGAKKAKSPK-BZ	P10412
421	H1 154:173 (H1.2)	Ac-PKKAKKPAATVTKKVAKSP-BZ	P16403
422	H1 155:174 (H1.3)	Ac-PKKVKKPATAAGTKKVAKSA-BZ	P16402
423	H1 154:173 K168ac (H1.4)	Ac-PKKAKKPAAGAK-KAc-AKSPK-BZ	P10412
424	H1 154:173 K168me1 (H1.4)	Ac-PKKAKKPAAGAK-KMe1-AKSPK-BZ	P10412
425	H1 154:173 K168me2 (H1.4)	Ac-PKKAKKPAAGAK-KMe2-AKSPK-BZ	P10412
426	H1 154:173 K168me3 (H1.4)	Ac-PKKAKKPAAGAK-KMe3-AKSPK-BZ	P10412
427	H1 154:173 K168but (H1.4)	Ac-PKKAKKPAAGAK-KBut-AKSPK-BZ	P10412
428	H1 154:173 K168prop (H1.4)	Ac-PKKAKKPAAGAK-KProp-AKSPK-BZ	P10412
429	H1 154:173 K168mal (H1.4)	Ac-PKKAKKPAAGAK-KMal-AKSPK-BZ	P10412
430	H1 154:173 K168suc (H1.4)	Ac-PKKAKKPAAGAK-KSuc-AKSPK-BZ	P10412



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	Peptide Name	Peptide Sequence	Uniprot
431	H1 154:173 K167ac (H1.4)	Ac-PKKAKKPAAAAGA-KAc-KAKSPK-BZ	P10412
432	H1 154:173 K167me1 (H1.4)	Ac-PKKAKKPAAAAGA-KMe1-KAKSPK-BZ	P10412
433	H1 154:173 K167me2 (H1.4)	Ac-PKKAKKPAAAAGA-KMe2-KAKSPK-BZ	P10412
434	H1 154:173 K167me3 (H1.4)	Ac-PKKAKKPAAAAGA-KMe3-KAKSPK-BZ	P10412
435	H1 154:173 K167but (H1.4)	Ac-PKKAKKPAAAAGA-KBut-KAKSPK-BZ	P10412
436	H1 154:173 K167prop (H1.4)	Ac-PKKAKKPAAAAGA-KProp-KAKSPK-BZ	P10412
437	H1 154:173 K167mal (H1.4)	Ac-PKKAKKPAAAAGA-KMal-KAKSPK-BZ	P10412
438	H1 154:173 K167suc (H1.4)	Ac-PKKAKKPAAAAGA-KSuc-KAKSPK-BZ	P10412
439	H1 154:173 K168ac (H1.2)	Ac-PKKAKKPAAATVTK-KAc-VAKSP-BZ	P16403
440	H1 154:173 K168me1 (H1.2)	Ac-PKKAKKPAAATVTK-KMe1-VAKSP-BZ	P16403
441	H1 154:173 K168me2 (H1.2)	Ac-PKKAKKPAAATVTK-KMe2-VAKSP-BZ	P16403
442	H1 154:173 K168me3 (H1.2)	Ac-PKKAKKPAAATVTK-KMe3-VAKSP-BZ	P16403
443	H1 154:173 K168but (H1.2)	Ac-PKKAKKPAAATVTK-KBut-VAKSP-BZ	P16403
444	H1 154:173 K168prop (H1.2)	Ac-PKKAKKPAAATVTK-KProp-VAKSP-BZ	P16403
445	H1 154:173 K168mal (H1.2)	Ac-PKKAKKPAAATVTK-KMal-VAKSP-BZ	P16403
446	H1 154:173 K168suc (H1.2)	Ac-PKKAKKPAAATVTK-KSuc-VAKSP-BZ	P16403
447	H1 154:173 K167ac (H1.2)	Ac-PKKAKKPAAATVT-KAc-KVAKSP-BZ	P16403
448	H1 154:173 K167me1 (H1.2)	Ac-PKKAKKPAAATVT-KMe1-KVAKSP-BZ	P16403
449	H1 154:173 K167me2 (H1.2)	Ac-PKKAKKPAAATVT-KMe2-KVAKSP-BZ	P16403
450	H1 154:173 K167me3 (H1.2)	Ac-PKKAKKPAAATVT-KMe3-KVAKSP-BZ	P16403
451	H1 154:173 K167but (H1.2)	Ac-PKKAKKPAAATVT-KBut-KVAKSP-BZ	P16403
452	H1 154:173 K167prop (H1.2)	Ac-PKKAKKPAAATVT-KProp-KVAKSP-BZ	P16403
453	H1 154:173 K167mal (H1.2)	Ac-PKKAKKPAAATVT-KMal-KVAKSP-BZ	P16403
454	H1 154:173 K167suc (H1.2)	Ac-PKKAKKPAAATVT-KSuc-KVAKSP-BZ	P16403
455	H1 154:173 pT164 (H1.2)	Ac-PKKAKKPAAA-pT-VTKKVAKSP-BZ	P16403
456	H1 155:174 K169ac (H1.3)	Ac-PKKVKKPATAAGTK-KAc-VAKSA-BZ	P16402
457	H1 155:174 K169me1 (H1.3)	Ac-PKKVKKPATAAGTK-KMe1-VAKSA-BZ	P16402
458	H1 155:174 K169me2 (H1.3)	Ac-PKKVKKPATAAGTK-KMe2-VAKSA-BZ	P16402
459	H1 155:174 K169me3 (H1.3)	Ac-PKKVKKPATAAGTK-KMe3-VAKSA-BZ	P16402
460	H1 155:174 K169but (H1.3)	Ac-PKKVKKPATAAGTK-KBut-VAKSA-BZ	P16402
461	H1 155:174 K169prop (H1.3)	Ac-PKKVKKPATAAGTK-KProp-VAKSA-BZ	P16402
462	H1 155:174 K169mal (H1.3)	Ac-PKKVKKPATAAGTK-KMal-VAKSA-BZ	P16402
463	H1 155:174 K169suc (H1.3)	Ac-PKKVKKPATAAGTK-KSuc-VAKSA-BZ	P16402
464	H1 155:174 K168ac (H1.3)	Ac-PKKVKKPATAAGT-KAc-KVAKSA-BZ	P16402
465	H1 155:174 K168me1 (H1.3)	Ac-PKKVKKPATAAGT-KMe1-KVAKSA-BZ	P16402
466	H1 155:174 K168me2 (H1.3)	Ac-PKKVKKPATAAGT-KMe2-KVAKSA-BZ	P16402
467	H1 155:174 K168me3 (H1.3)	Ac-PKKVKKPATAAGT-KMe3-KVAKSA-BZ	P16402
468	H1 155:174 K168but (H1.3)	Ac-PKKVKKPATAAGT-KBut-KVAKSA-BZ	P16402
469	H1 155:174 K168prop (H1.3)	Ac-PKKVKKPATAAGT-KProp-KVAKSA-BZ	P16402
470	H1 155:174 K168mal (H1.3)	Ac-PKKVKKPATAAGT-KMal-KVAKSA-BZ	P16402
471	H1 155:174 K168suc (H1.3)	Ac-PKKVKKPATAAGT-KSuc-KVAKSA-BZ	P16402
472	H1 157:176 (H1.5)	Ac-KAKKPAAAGVKKVAKSPKKA-BZ	P16401
473	H1 157:176 K168ac (H1.5)	Ac-KAKKPAAAGVK-KAc-VAKSPKKA-BZ	P16401



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	Peptide Name	Peptide Sequence	Uniprot
474	H1 157:176 K168me1 (H1.5)	Ac-KAKKPAAAGVK-KMe1-VAKSPKKA-BZ	P16401
475	H1 157:176 K168me2 (H1.5)	Ac-KAKKPAAAGVK-KMe2-VAKSPKKA-BZ	P16401
476	H1 157:176 K168me3 (H1.5)	Ac-KAKKPAAAGVK-KMe3-VAKSPKKA-BZ	P16401
477	H1 157:176 K168but (H1.5)	Ac-KAKKPAAAGVK-KBut-VAKSPKKA-BZ	P16401
478	H1 157:176 K168prop (H1.5)	Ac-KAKKPAAAGVK-KProp-VAKSPKKA-BZ	P16401
479	H1 157:176 K168mal (H1.5)	Ac-KAKKPAAAGVK-KMal-VAKSPKKA-BZ	P16401
480	H1 157:176 K168suc (H1.5)	Ac-KAKKPAAAGVK-KSuc-VAKSPKKA-BZ	P16401
481	H1 157:176 K167ac (H1.5)	Ac-KAKKPAAAGV-Kac-KVAKSPKKA-BZ	P16401
482	H1 157:176 K167me1 (H1.5)	Ac-KAKKPAAAGV-KMe1-KVAKSPKKA-BZ	P16401
483	H1 157:176 K167me2 (H1.5)	Ac-KAKKPAAAGV-KMe2-KVAKSPKKA-BZ	P16401
484	H1 157:176 K167me3 (H1.5)	Ac-KAKKPAAAGV-KMe3-KVAKSPKKA-BZ	P16401
485	H1 157:176 K167but (H1.5)	Ac-KAKKPAAAGV-KBut-KVAKSPKKA-BZ	P16401
486	H1 157:176 K167prop (H1.5)	Ac-KAKKPAAAGV-KProp-KVAKSPKKA-BZ	P16401
487	H1 157:176 K167mal (H1.5)	Ac-KAKKPAAAGV-KMal-KVAKSPKKA-BZ	P16401
488	H1 157:176 K167suc (H1.5)	Ac-KAKKPAAAGV-KSuc-KVAKSPKKA-BZ	P16401
489	H1 157:176 (H1.1)	Ac-KPAATRKSNNPKPKTKVP-BZ	Q02539
490	H1 154:173 (H1.t)	Ac-KPRATTPKTVRSGRKAKGAK-BZ	P22492
491	H1 157:176 K163ac (H1.1)	Ac-KPAATR-Kac-SSKNPKPKTKVP-BZ	Q02539
492	H1 157:176 K163me1 (H1.1)	Ac-KPAATR-KMe1-SSKNPKPKTKVP-BZ	Q02539
493	H1 157:176 K163me2 (H1.1)	Ac-KPAATR-KMe2-SSKNPKPKTKVP-BZ	Q02539
494	H1 157:176 K163me3 (H1.1)	Ac-KPAATR-KMe3-SSKNPKPKTKVP-BZ	Q02539
495	H1 157:176 K163but (H1.1)	Ac-KPAATR-KBut-SSKNPKPKTKVP-BZ	Q02539
496	H1 157:176 K163prop (H1.1)	Ac-KPAATR-KProp-SSKNPKPKTKVP-BZ	Q02539
497	H1 157:176 K163mal (H1.1)	Ac-KPAATR-KMal-SSKNPKPKTKVP-BZ	Q02539
498	H1 157:176 K163suc (H1.1)	Ac-KPAATR-KSuc-SSKNPKPKTKVP-BZ	Q02539
499	H1 157:176 Cit162 (H1.1)	Ac-KPAAT-Cit-KSSKNPKPKTKVP-BZ	Q02539
500	H1 157:176 R162me1 (H1.1)	Ac-KPAAT-RMe1-KSSKNPKPKTKVP-BZ	Q02539
501	H1 157:176 R162me2a (H1.1)	Ac-KPAAT-RMe2a-KSSKNPKPKTKVP-BZ	Q02539
502	H1 157:176 R162me2s (H1.1)	Ac-KPAAT-RMe2s-KSSKNPKPKTKVP-BZ	Q02539
503	H1 154:173 pS165 (H1.t)	Ac-KPRATTPKTVR-pS-GRKAKGAK-BZ	P22492
504	H1 154:173 K161ac (H1.t)	Ac-KPRATTP-Kac-TVRSGRKAKGAK-BZ	P22492
505	H1 154:173 K161me1 (H1.t)	Ac-KPRATTP-KMe1-TVRSGRKAKGAK-BZ	P22492
506	H1 154:173 K161me2 (H1.t)	Ac-KPRATTP-KMe2-TVRSGRKAKGAK-BZ	P22492
507	H1 154:173 K161me3 (H1.t)	Ac-KPRATTP-KMe3-TVRSGRKAKGAK-BZ	P22492
508	H1 154:173 K161but (H1.t)	Ac-KPRATTP-KBut-TVRSGRKAKGAK-BZ	P22492
509	H1 154:173 K161prop (H1.t)	Ac-KPRATTP-KProp-TVRSGRKAKGAK-BZ	P22492
510	H1 154:173 K161mal (H1.t)	Ac-KPRATTP-KMal-TVRSGRKAKGAK-BZ	P22492
511	H1 154:173 K161suc (H1.t)	Ac-KPRATTP-KSuc-TVRSGRKAKGAK-BZ	P22492
512	H1 154:173 pT159 (H1.t)	Ac-KPRAT-pT-PKTVRSGRKAKGAK-BZ	P22492
513	H1 151:170 (H1.0)	Ac-ATPKKAKPKTKAKPVKAS-BZ	P07305
514	H1 151:170 K158ac (H1.0)	Ac-ATPKKAK-Kac-PKTVKAKPVKAS-BZ	P07305
515	H1 151:170 K158me1 (H1.0)	Ac-ATPKKAK-KMe1-PKTVKAKPVKAS-BZ	P07305
516	H1 151:170 K158me2 (H1.0)	Ac-ATPKKAK-KMe2-PKTVKAKPVKAS-BZ	P07305



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	Peptide Name	Peptide Sequence	Uniprot
517	H1 151:170 K158me3 (H1.0)	Ac-ATPKKAK-KMe3-PKTVKAKPVKAS-BZ	P07305
518	H1 151:170 K158but (H1.0)	Ac-ATPKKAK-KBut-PKTVKAKPVKAS-BZ	P07305
519	H1 151:170 K158prop (H1.0)	Ac-ATPKKAK-KProp-PKTVKAKPVKAS-BZ	P07305
520	H1 151:170 K158mal (H1.0)	Ac-ATPKKAK-KMal-PKTVKAKPVKAS-BZ	P07305
521	H1 151:170 K158suc (H1.0)	Ac-ATPKKAK-KSuc-PKTVKAKPVKAS-BZ	P07305
522	H1 164:183 (H1.4)	Ac-AGAKKAKSPKKAKAAKPKKA-BZ	P10412
523	H1 165:184 (H1.3)	Ac-AGTKKVAKSAAKVKTPQPKK-BZ	P16402
524	H1 164:183 (H1.2)	Ac-TVTKKVAKSPKKAKVAKPKK-BZ	P16403
525	H1 164:183 pS171 (H1.4)	Ac-AGAKKAK-pS-PKKAKAAKPKKA-BZ	P10412
526	H1 165:184 pS173 (H1.3)	Ac-AGTKKVAK-pS-AKKVKTPQPKK-BZ	P16402
527	H1 164:183 pS172 (H1.2)	Ac-TVTKKVAK-pS-PKKAKVAKPKK-BZ	P16403
528	H1 167:186 (H1.5)	Ac-KKVAKSPKKAKAAKPKKAT-BZ	P16401
529	H1 164:183 (H1.t)	Ac-RSGRKAKGAKGKQQKSPVK-BZ	P22492
530	H1 167:186 (H1.1)	Ac-NPKPKPTVKPKKVAKSPAKA-BZ	Q02539
531	H1 174:193 (H1.2)	Ac-KKAKVAKPKKAAKSAKAVK-BZ	P16403
532	H1 175:194 (H1.3)	Ac-KKVKTPQPKKAAKSPAKAKA-BZ	P16402
533	H1 174:193 pS187 (H1.2)	Ac-KKAKVAKPKKAAK-pS-AAKAVK-BZ	P16403
534	H1 175:194 pS188 (H1.3)	Ac-KKVKTPQPKKAAK-pS-PAKAKA-BZ	P16402
535	H1 174:193 (H1.4)	Ac-KAKAAKPKKAPKSPAKAKAV-BZ	P10412
536	H1 161:180 (H1.0)	Ac-TVKAKPVKASKPKKAKPVKP-BZ	P07305
537	H1 174:193 pS186 (H1.4)	Ac-KAKAAKPKKAPK-pS-PAKAKAV-BZ	P10412
538	H1 177:196 (H1.5)	Ac-KAAAKPKKATKSPAKPKAVK-BZ	P16401
539	H1 177:196 pS188 (H1.5)	Ac-KAAAKPKKATK-pS-PAKPKAVK-BZ	P16401
540	H1 174:193 (H1.t)	Ac-GKQQKSPVKARASKSKLTQ-BZ	P22492
541	H1 174:193 Cit185 (H1.t)	Ac-GKQQKSPVKA-Cit-ASKSKLTQ-BZ	P22492
542	H1 174:193 R185me1 (H1.t)	Ac-GKQQKSPVKA-RMe1-ASKSKLTQ-BZ	P22492
543	H1 174:193 R185me2a (H1.t)	Ac-GKQQKSPVKA-RMe2a-ASKSKLTQ-BZ	P22492
544	H1 174:193 R185me2s (H1.t)	Ac-GKQQKSPVKA-RMe2s-ASKSKLTQ-BZ	P22492
545	H1 174:193 pS180 (H1.t)	Ac-GKQQK-pS-PVKARASKSKLTQ-BZ	P22492
546	H1 177:196 (H1.1)	Ac-KKVAKSPAKAVKPKAACA-BZ	Q02539
547	H1 177:196 K187ac (H1.1)	Ac-KKVAKSPAKA-KAc-AVKPKAACA-BZ	Q02539
548	H1 177:196 K187me1 (H1.1)	Ac-KKVAKSPAKA-KMe1-AVKPKAACA-BZ	Q02539
549	H1 177:196 K187me2 (H1.1)	Ac-KKVAKSPAKA-KMe2-AVKPKAACA-BZ	Q02539
550	H1 177:196 K187me3 (H1.1)	Ac-KKVAKSPAKA-KMe3-AVKPKAACA-BZ	Q02539
551	H1 177:196 K187but (H1.1)	Ac-KKVAKSPAKA-KBut-AVKPKAACA-BZ	Q02539
552	H1 177:196 K187prop (H1.1)	Ac-KKVAKSPAKA-KProp-AVKPKAACA-BZ	Q02539
553	H1 177:196 K187mal (H1.1)	Ac-KKVAKSPAKA-KMal-AVKPKAACA-BZ	Q02539
554	H1 177:196 K187suc (H1.1)	Ac-KKVAKSPAKA-KSuc-AVKPKAACA-BZ	Q02539
555	H1 177:196 pS182 (H1.1)	Ac-KKVAK-pS-PAKAVKPKAACA-BZ	Q02539
556	H1 184:203 (H1.2)	Ac-AAKSAKAVKPKAAKPKVVK-BZ	P16403
557	H1 185:204 (H1.3)	Ac-AAKSPAKAKAPKPKAAKPKS-BZ	P16402
558	H1 184:203 K190ac (H1.2)	Ac-AAKSAA-KAc-AVKPKAAKPKVVK-BZ	P16403
559	H1 184:203 K190me1 (H1.2)	Ac-AAKSAA-KMe1-AVKPKAAKPKVVK-BZ	P16403



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	Peptide Name	Peptide Sequence	Uniprot
560	H1 184:203 K190me2 (H1.2)	Ac-AAKSAA-KMe2-AVKPKAAKPKVVK-BZ	P16403
561	H1 184:203 K190me3 (H1.2)	Ac-AAKSAA-KMe3-AVKPKAAKPKVVK-BZ	P16403
562	H1 184:203 K190but (H1.2)	Ac-AAKSAA-KBut-AVKPKAAKPKVVK-BZ	P16403
563	H1 184:203 K190prop (H1.2)	Ac-AAKSAA-KProp-AVKPKAAKPKVVK-BZ	P16403
564	H1 184:203 K190mal (H1.2)	Ac-AAKSAA-KMal-AVKPKAAKPKVVK-BZ	P16403
565	H1 184:203 K190suc (H1.2)	Ac-AAKSAA-KSuc-AVKPKAAKPKVVK-BZ	P16403
566	H1 185:204 K193ac (H1.3)	Ac-AAKSPAKA-KAc-APKPKAAKPKS-BZ	P16402
567	H1 185:204 K193me1 (H1.3)	Ac-AAKSPAKA-KMe1-APKPKAAKPKS-BZ	P16402
568	H1 185:204 K193me2 (H1.3)	Ac-AAKSPAKA-KMe2-APKPKAAKPKS-BZ	P16402
569	H1 185:204 K193me3 (H1.3)	Ac-AAKSPAKA-KMe3-APKPKAAKPKS-BZ	P16402
570	H1 185:204 K193but (H1.3)	Ac-AAKSPAKA-KBut-APKPKAAKPKS-BZ	P16402
571	H1 185:204 K193prop (H1.3)	Ac-AAKSPAKA-KProp-APKPKAAKPKS-BZ	P16402
572	H1 185:204 K193mal (H1.3)	Ac-AAKSPAKA-KMal-APKPKAAKPKS-BZ	P16402
573	H1 185:204 K193suc (H1.3)	Ac-AAKSPAKA-KSuc-APKPKAAKPKS-BZ	P16402
574	H1 184:203 (H1.4)	Ac-PKSPAKAKAVKPKAAKPKTA-BZ	P10412
575	H1 171:190 (H1.0)	Ac-KPKKAKPVKPKAKSSAKRAG-BZ	P07305
576	H1 187:206 (H1.5)	Ac-KSPAKPKAVKPKAAKPKAAK-BZ	P16401
577	H1 171:190 K176ac (H1.0)	Ac-KPKKA-KAc-PVKPKAKSSAKRAG-BZ	P07305
578	H1 171:190 K176me1 (H1.0)	Ac-KPKKA-KMe1-PVKPKAKSSAKRAG-BZ	P07305
579	H1 171:190 K176me2 (H1.0)	Ac-KPKKA-KMe2-PVKPKAKSSAKRAG-BZ	P07305
580	H1 171:190 K176me3 (H1.0)	Ac-KPKKA-KMe3-PVKPKAKSSAKRAG-BZ	P07305
581	H1 171:190 K176but (H1.0)	Ac-KPKKA-KBut-PVKPKAKSSAKRAG-BZ	P07305
582	H1 171:190 K176prop (H1.0)	Ac-KPKKA-KProp-PVKPKAKSSAKRAG-BZ	P07305
583	H1 171:190 K176mal (H1.0)	Ac-KPKKA-KMal-PVKPKAKSSAKRAG-BZ	P07305
584	H1 171:190 K176suc (H1.0)	Ac-KPKKA-KSuc-PVKPKAKSSAKRAG-BZ	P07305
585	H1 187:206 K193ac (H1.5)	Ac-KSPAKP-KAc-AVKPKAAKPKAAK-BZ	P16401
586	H1 187:206 K193me1 (H1.5)	Ac-KSPAKP-KMe1-AVKPKAAKPKAAK-BZ	P16401
587	H1 187:206 K193me2 (H1.5)	Ac-KSPAKP-KMe2-AVKPKAAKPKAAK-BZ	P16401
588	H1 187:206 K193me3 (H1.5)	Ac-KSPAKP-KMe3-AVKPKAAKPKAAK-BZ	P16401
589	H1 187:206 K193but (H1.5)	Ac-KSPAKP-KBut-AVKPKAAKPKAAK-BZ	P16401
590	H1 187:206 K193prop (H1.5)	Ac-KSPAKP-KProp-AVKPKAAKPKAAK-BZ	P16401
591	H1 187:206 K193mal (H1.5)	Ac-KSPAKP-KMal-AVKPKAAKPKAAK-BZ	P16401
592	H1 187:206 K193suc (H1.5)	Ac-KSPAKP-KSuc-AVKPKAAKPKAAK-BZ	P16401
593	H1 174:193 (H1.0)	Ac-KAKPVKPKAKSSAKRAGKKK-BZ	P07305
594	H1 184:203 (H1.t)	Ac-ARASKSKLTQHHEVNVVRKAT-BZ	P22492
595	H1 187:206 (H1.1)	Ac-KAVKPKAAKARVTKPKTAKP-BZ	Q02539
596	H1 195:214 (H1.3)	Ac-PKPKAAKPKSGPKVTKAKK-BZ	P16402
597	H1 187:206 (H1.t)	Ac-SKSKLTQHHEVNVVRKATSKK-BZ	P22492
598	H1 194:213 (H1.4)	Ac-KPKAAKPKTAKPKAAKPKKA-BZ	P10412
599	H1 193:212 (H1.2)	Ac-KPKAAKPKVVKPKKAAPKKK-BZ	P16403
600	H1 197:216 (H1.5)	Ac-PKAAKPKAAKPKAAKPKAAK-BZ	P16401
601	H1 195:214 (H1.1)	Ac-KARVTKPKTAKPKKAAPKKK-BZ	Q02539
602	H1 201:220 (H1.3)	Ac-KPKSGKPKVTKAKKAAPKKK-BZ	P16402



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	Peptide Name	Peptide Sequence	Uniprot
603	H1_199:218 (H1.4)	Ac-KPKTAKPKAAKPKAAAKKK-BZ	P10412
604	H1_206:225 (H1.5)	Ac-KPKAAKPKAAKAKAAAKKK-BZ	P16401
605	H2A_1:20 (H2A.V)	Ac-AGGKAGKDSGKAKAKAVSRS-BZ	Q71UI9
606	H2A_1:20 (H2A.Z)	H-AGGKAGKDSGKAKTKAVSRS-BZ	P0C0S5
607	H2A_1:20 (H2A.Z)	Ac-AGGKAGKDSGKAKTKAVSRS-BZ	P0C0S5
608	H2A_1:20 (H2A.1C\2A\2B\2C\3)	Ac-SGRGKQGGKARAKAKSRSSR-BZ	Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077
609	H2A_1:20 (H2A.1\1BE\1D\1H\1J)	H-SGRGKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
610	H2A_1:20 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
611	H2A_1:20 (H2A.1A)	Ac-SGRGKQGGKARAKSKSRSSR-BZ	Q96QV6
612	H2A_1:20 (H2A.J)	Ac-SGRGKQGGKVRAKAKSRSSR-BZ	Q9BTM1
613	H2A_1:20 (H2A.x)	Ac-SGRGKTGGKARAKAKSRSSR-BZ	P16104
614	H2A_1:20 K15ac (H2A.V)	Ac-AGGKAGKDSGKAKA-KAc-AVSRS-BZ	Q71UI9
615	H2A_1:20 K15me1 (H2A.V)	Ac-AGGKAGKDSGKAKA-KMe1-AVSRS-BZ	Q71UI9
616	H2A_1:20 K15me2 (H2A.V)	Ac-AGGKAGKDSGKAKA-KMe2-AVSRS-BZ	Q71UI9
617	H2A_1:20 K15me3 (H2A.V)	Ac-AGGKAGKDSGKAKA-KMe3-AVSRS-BZ	Q71UI9
618	H2A_1:20 K15but (H2A.V)	Ac-AGGKAGKDSGKAKA-KBut-AVSRS-BZ	Q71UI9
619	H2A_1:20 K15prop (H2A.V)	Ac-AGGKAGKDSGKAKA-KProp-AVSRS-BZ	Q71UI9
620	H2A_1:20 K15mal (H2A.V)	Ac-AGGKAGKDSGKAKA-KMal-AVSRS-BZ	Q71UI9
621	H2A_1:20 K15suc (H2A.V)	Ac-AGGKAGKDSGKAKA-KSuc-AVSRS-BZ	Q71UI9
622	H2A_1:20 K13ac (H2A.V)	Ac-AGGKAGKDSGKA-KAc-AKAVSRS-BZ	Q71UI9
623	H2A_1:20 K13me1 (H2A.V)	Ac-AGGKAGKDSGKA-KMe1-AKAVSRS-BZ	Q71UI9
624	H2A_1:20 K13me2 (H2A.V)	Ac-AGGKAGKDSGKA-KMe2-AKAVSRS-BZ	Q71UI9
625	H2A_1:20 K13me3 (H2A.V)	Ac-AGGKAGKDSGKA-KMe3-AKAVSRS-BZ	Q71UI9
626	H2A_1:20 K13but (H2A.V)	Ac-AGGKAGKDSGKA-KBut-AKAVSRS-BZ	Q71UI9
627	H2A_1:20 K13prop (H2A.V)	Ac-AGGKAGKDSGKA-KProp-AKAVSRS-BZ	Q71UI9
628	H2A_1:20 K13mal (H2A.V)	Ac-AGGKAGKDSGKA-KMal-AKAVSRS-BZ	Q71UI9
629	H2A_1:20 K13suc (H2A.V)	Ac-AGGKAGKDSGKA-KSuc-AKAVSRS-BZ	Q71UI9
630	H2A_1:20 K11ac (H2A.V)	Ac-AGGKAGKDSG-KAc-AKAKAVSRS-BZ	Q71UI9
631	H2A_1:20 K11me1 (H2A.V)	Ac-AGGKAGKDSG-KMe1-AKAKAVSRS-BZ	Q71UI9
632	H2A_1:20 K11me2 (H2A.V)	Ac-AGGKAGKDSG-KMe2-AKAKAVSRS-BZ	Q71UI9
633	H2A_1:20 K11me3 (H2A.V)	Ac-AGGKAGKDSG-KMe3-AKAKAVSRS-BZ	Q71UI9
634	H2A_1:20 K11but (H2A.V)	Ac-AGGKAGKDSG-KBut-AKAKAVSRS-BZ	Q71UI9
635	H2A_1:20 K11prop (H2A.V)	Ac-AGGKAGKDSG-KProp-AKAKAVSRS-BZ	Q71UI9
636	H2A_1:20 K11mal (H2A.V)	Ac-AGGKAGKDSG-KMal-AKAKAVSRS-BZ	Q71UI9
637	H2A_1:20 K11suc (H2A.V)	Ac-AGGKAGKDSG-KSuc-AKAKAVSRS-BZ	Q71UI9
638	H2A_1:20 pS9 (H2A.V)	Ac-AGGKAGKD-pS-GKAKAKAVSRS-BZ	Q71UI9
639	H2A_1:20 K7ac (H2A.V)	Ac-AGGKAG-KAc-DSGKAKAKAVSRS-BZ	Q71UI9
640	H2A_1:20 K7me1 (H2A.V)	Ac-AGGKAG-KMe1-DSGKAKAKAVSRS-BZ	Q71UI9
641	H2A_1:20 K7me2 (H2A.V)	Ac-AGGKAG-KMe2-DSGKAKAKAVSRS-BZ	Q71UI9
642	H2A_1:20 K7me3 (H2A.V)	Ac-AGGKAG-KMe3-DSGKAKAKAVSRS-BZ	Q71UI9
643	H2A_1:20 K7but (H2A.V)	Ac-AGGKAG-KBut-DSGKAKAKAVSRS-BZ	Q71UI9
644	H2A_1:20 K7prop (H2A.V)	Ac-AGGKAG-KProp-DSGKAKAKAVSRS-BZ	Q71UI9
645	H2A_1:20 K7mal (H2A.V)	Ac-AGGKAG-KMal-DSGKAKAKAVSRS-BZ	Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
646	H2A 1:20 K7suc (H2A.V)	Ac-AGGKAG-KSuc-DSGKAKAKAVSRS-BZ	Q71UI9
647	H2A 1:20 K15ac (H2A.Z)	Ac-AGGKAGKDSGKAKT-KAc-AVSRS-BZ	P0C0S5
648	H2A 1:20 K15me1 (H2A.Z)	Ac-AGGKAGKDSGKAKT-KMe1-AVSRS-BZ	P0C0S5
649	H2A 1:20 K15me2 (H2A.Z)	Ac-AGGKAGKDSGKAKT-KMe2-AVSRS-BZ	P0C0S5
650	H2A 1:20 K15me3 (H2A.Z)	Ac-AGGKAGKDSGKAKT-KMe3-AVSRS-BZ	P0C0S5
651	H2A 1:20 K15but (H2A.Z)	Ac-AGGKAGKDSGKAKT-KBut-AVSRS-BZ	P0C0S5
652	H2A 1:20 K15prop (H2A.Z)	Ac-AGGKAGKDSGKAKT-KProp-AVSRS-BZ	P0C0S5
653	H2A 1:20 K15mal (H2A.Z)	Ac-AGGKAGKDSGKAKT-KMal-AVSRS-BZ	P0C0S5
654	H2A 1:20 K15suc (H2A.Z)	Ac-AGGKAGKDSGKAKT-KSuc-AVSRS-BZ	P0C0S5
655	H2A 1:20 pT14 (H2A.Z)	Ac-AGGKAGKDSGKAK-pT-KAVSRS-BZ	P0C0S5
656	H2A 1:20 K13ac (H2A.Z)	Ac-AGGKAGKDSGKA-KAc-TKAVSRS-BZ	P0C0S5
657	H2A 1:20 K13me1 (H2A.Z)	Ac-AGGKAGKDSGKA-KMe1-TKAVSRS-BZ	P0C0S5
658	H2A 1:20 K13me2 (H2A.Z)	Ac-AGGKAGKDSGKA-KMe2-TKAVSRS-BZ	P0C0S5
659	H2A 1:20 K13me3 (H2A.Z)	Ac-AGGKAGKDSGKA-KMe3-TKAVSRS-BZ	P0C0S5
660	H2A 1:20 K13but (H2A.Z)	Ac-AGGKAGKDSGKA-KBut-TKAVSRS-BZ	P0C0S5
661	H2A 1:20 K13prop (H2A.Z)	Ac-AGGKAGKDSGKA-KProp-TKAVSRS-BZ	P0C0S5
662	H2A 1:20 K13mal (H2A.Z)	Ac-AGGKAGKDSGKA-KMal-TKAVSRS-BZ	P0C0S5
663	H2A 1:20 K13suc (H2A.Z)	Ac-AGGKAGKDSGKA-KSuc-TKAVSRS-BZ	P0C0S5
664	H2A 1:20 K11ac (H2A.Z)	Ac-AGGKAGKDSG-KAc-AKTKAVSRS-BZ	P0C0S5
665	H2A 1:20 K11me1 (H2A.Z)	Ac-AGGKAGKDSG-KMe1-AKTKAVSRS-BZ	P0C0S5
666	H2A 1:20 K11me2 (H2A.Z)	Ac-AGGKAGKDSG-KMe2-AKTKAVSRS-BZ	P0C0S5
667	H2A 1:20 K11me3 (H2A.Z)	Ac-AGGKAGKDSG-KMe3-AKTKAVSRS-BZ	P0C0S5
668	H2A 1:20 K11but (H2A.Z)	Ac-AGGKAGKDSG-KBut-AKTKAVSRS-BZ	P0C0S5
669	H2A 1:20 K11prop (H2A.Z)	Ac-AGGKAGKDSG-KProp-AKTKAVSRS-BZ	P0C0S5
670	H2A 1:20 K11mal (H2A.Z)	Ac-AGGKAGKDSG-KMal-AKTKAVSRS-BZ	P0C0S5
671	H2A 1:20 K11suc (H2A.Z)	Ac-AGGKAGKDSG-KSuc-AKTKAVSRS-BZ	P0C0S5
672	H2A 1:20 pS9 (H2A.Z)	Ac-AGGKAGKD-pS-GKAKTKAVSRS-BZ	P0C0S5
673	H2A 1:20 K7ac (H2A.Z)	Ac-AGGKAG-KAc-DSGKAKTKAVSRS-BZ	P0C0S5
674	H2A 1:20 K7me1 (H2A.Z)	Ac-AGGKAG-KMe1-DSGKAKTKAVSRS-BZ	P0C0S5
675	H2A 1:20 K7me2 (H2A.Z)	Ac-AGGKAG-KMe2-DSGKAKTKAVSRS-BZ	P0C0S5
676	H2A 1:20 K7me3 (H2A.Z)	Ac-AGGKAG-KMe3-DSGKAKTKAVSRS-BZ	P0C0S5
677	H2A 1:20 K7but (H2A.Z)	Ac-AGGKAG-KBut-DSGKAKTKAVSRS-BZ	P0C0S5
678	H2A 1:20 K7prop (H2A.Z)	Ac-AGGKAG-KProp-DSGKAKTKAVSRS-BZ	P0C0S5
679	H2A 1:20 K7mal (H2A.Z)	Ac-AGGKAG-KMal-DSGKAKTKAVSRS-BZ	P0C0S5
680	H2A 1:20 K7suc (H2A.Z)	Ac-AGGKAG-KSuc-DSGKAKTKAVSRS-BZ	P0C0S5
681	H2A 1:20 K4ac (H2A.Z)	H-AGG-KAc-AGKDSGKAKTKAVSRS-BZ	P0C0S5
682	H2A 1:20 K4ac (H2A.Z)	Ac-AGG-KAc-AGKDSGKAKTKAVSRS-BZ	P0C0S5
683	H2A 1:20 K4me1 (H2A.Z)	H-AGG-KMe1-AGKDSGKAKTKAVSRS-BZ	P0C0S5
684	H2A 1:20 K4me1 (H2A.Z)	Ac-AGG-KMe1-AGKDSGKAKTKAVSRS-BZ	P0C0S5
685	H2A 1:20 K4me2 (H2A.Z)	H-AGG-KMe2-AGKDSGKAKTKAVSRS-BZ	P0C0S5
686	H2A 1:20 K4me2 (H2A.Z)	Ac-AGG-KMe2-AGKDSGKAKTKAVSRS-BZ	P0C0S5
687	H2A 1:20 K4me3 (H2A.Z)	H-AGG-KMe3-AGKDSGKAKTKAVSRS-BZ	P0C0S5
688	H2A 1:20 K4me3 (H2A.Z)	Ac-AGG-KMe3-AGKDSGKAKTKAVSRS-BZ	P0C0S5



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	Peptide Name	Peptide Sequence	Uniprot
689	H2A 1:20 K4but (H2A.Z)	H-AGG-KBut-AGKDSGKAKTKAVSRS-BZ	P0C0S5
690	H2A 1:20 K4but (H2A.Z)	Ac-AGG-KBut-AGKDSGKAKTKAVSRS-BZ	P0C0S5
691	H2A 1:20 K4prop (H2A.Z)	H-AGG-KProp-AGKDSGKAKTKAVSRS-BZ	P0C0S5
692	H2A 1:20 K4prop (H2A.Z)	Ac-AGG-KProp-AGKDSGKAKTKAVSRS-BZ	P0C0S5
693	H2A 1:20 K4mal (H2A.Z)	H-AGG-KMal-AGKDSGKAKTKAVSRS-BZ	P0C0S5
694	H2A 1:20 K4mal (H2A.Z)	Ac-AGG-KMal-AGKDSGKAKTKAVSRS-BZ	P0C0S5
695	H2A 1:20 K4suc (H2A.Z)	H-AGG-KSuc-AGKDSGKAKTKAVSRS-BZ	P0C0S5
696	H2A 1:20 K4suc (H2A.Z)	Ac-AGG-KSuc-AGKDSGKAKTKAVSRS-BZ	P0C0S5
697	H2A 1:20 R20me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKAKTRSS-RMe1-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
698	H2A 1:20 K15ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KAc-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
699	H2A 1:20 K15me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KMe1-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
700	H2A 1:20 K15me2 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KMe2-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
701	H2A 1:20 K15me3 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KMe3-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
702	H2A 1:20 K15but (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KBut-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
703	H2A 1:20 K15prop (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KProp-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
704	H2A 1:20 K15mal (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KMal-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
705	H2A 1:20 K15suc (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARAKA-KSuc-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
706	H2A 1:20 K13ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KAc-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
707	H2A 1:20 K13me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KMe1-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
708	H2A 1:20 K13me2 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KMe2-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
709	H2A 1:20 K13me3 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KMe3-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
710	H2A 1:20 K13but (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KBut-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
711	H2A 1:20 K13prop (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KProp-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
712	H2A 1:20 K13mal (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KMal-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
713	H2A 1:20 K13suc (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KSuc-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
714	H2A 1:20 Cit11 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKA-Cit-AKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
715	H2A 1:20 R11me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKA-RMe1-AKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
716	H2A 1:20 R11me2a (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKA-RMe2a-AKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
717	H2A 1:20 R11me2s (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKA-RMe2s-AKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
718	H2A 1:20 K9ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KAc-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
719	H2A 1:20 K9me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KMe1-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
720	H2A 1:20 K9me2 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KMe2-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
721	H2A 1:20 K9me3 (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KMe3-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
722	H2A 1:20 K9but (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KBut-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
723	H2A 1:20 K9prop (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KProp-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
724	H2A 1:20 K9mal (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KMal-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
725	H2A 1:20 K9suc (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KSuc-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
726	H2A 1:20 K5ac (H2A.1\1BE\1D\1H\1J)	H-SGRG-KAc-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
727	H2A 1:20 K5ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KAc-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
728	H2A 1:20 K5me1 (H2A.1\1BE\1D\1H\1J)	H-SGRG-KMe1-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
729	H2A 1:20 K5me1 (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KMe1-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
730	H2A 1:20 K5me2 (H2A.1\1BE\1D\1H\1J)	H-SGRG-KMe2-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
731	H2A 1:20 K5me2 (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KMe2-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5



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	Peptide Name	Peptide Sequence	Uniprot
732	H2A 1:20 K5me3 (H2A.1\1BE\1D\1H\1J)	H-SGRG-KMe3-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
733	H2A 1:20 K5me3 (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KMe3-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
734	H2A 1:20 K5but (H2A.1\1BE\1D\1H\1J)	H-SGRG-KBut-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
735	H2A 1:20 K5but (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KBut-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
736	H2A 1:20 K5prop (H2A.1\1BE\1D\1H\1J)	H-SGRG-KProp-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
737	H2A 1:20 K5prop (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KProp-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
738	H2A 1:20 K5mal (H2A.1\1BE\1D\1H\1J)	H-SGRG-KMal-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
739	H2A 1:20 K5mal (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KMal-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
740	H2A 1:20 K5suc (H2A.1\1BE\1D\1H\1J)	H-SGRG-KSuc-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
741	H2A 1:20 K5suc (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KSuc-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
742	H2A 1:20 Cit3 (H2A.1\1BE\1D\1H\1J)	H-SG-Cit-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
743	H2A 1:20 Cit3 (H2A.1\1BE\1D\1H\1J)	Ac-SG-Cit-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
744	H2A 1:20 R3me1 (H2A.1\1BE\1D\1H\1J)	H-SG-RMe1-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
745	H2A 1:20 R3me1 (H2A.1\1BE\1D\1H\1J)	Ac-SG-RMe1-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
746	H2A 1:20 R3me2a (H2A.1\1BE\1D\1H\1J)	H-SG-RMe2a-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
747	H2A 1:20 R3me2a (H2A.1\1BE\1D\1H\1J)	Ac-SG-RMe2a-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
748	H2A 1:20 R3me2s (H2A.1\1BE\1D\1H\1J)	H-SG-RMe2s-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
749	H2A 1:20 R3me2s (H2A.1\1BE\1D\1H\1J)	Ac-SG-RMe2s-GKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
750	H2A 1:20 pS1 (H2A.1\1BE\1D\1H\1J)	H-pS-GRGKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
751	H2A 1:20 pS1 (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRGKQGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
752	H2A 1:20 K15ac (H2A.1A)	Ac-SGRGKQGGKARAKS-KAc-SRSSR-BZ	Q96QV6
753	H2A 1:20 K15me1 (H2A.1A)	Ac-SGRGKQGGKARAKS-KMe1-SRSSR-BZ	Q96QV6
754	H2A 1:20 K15me2 (H2A.1A)	Ac-SGRGKQGGKARAKS-KMe2-SRSSR-BZ	Q96QV6
755	H2A 1:20 K15me3 (H2A.1A)	Ac-SGRGKQGGKARAKS-KMe3-SRSSR-BZ	Q96QV6
756	H2A 1:20 K15but (H2A.1A)	Ac-SGRGKQGGKARAKS-KBut-SRSSR-BZ	Q96QV6
757	H2A 1:20 K15prop (H2A.1A)	Ac-SGRGKQGGKARAKS-KProp-SRSSR-BZ	Q96QV6
758	H2A 1:20 K15mal (H2A.1A)	Ac-SGRGKQGGKARAKS-KMal-SRSSR-BZ	Q96QV6
759	H2A 1:20 K15suc (H2A.1A)	Ac-SGRGKQGGKARAKS-KSuc-SRSSR-BZ	Q96QV6
760	H2A 1:20 pS14 (H2A.1A)	Ac-SGRGKQGGKARA-pS-KSRSSR-BZ	Q96QV6
761	H2A 1:20 K13ac (H2A.1A)	Ac-SGRGKQGGKARA-KAc-SKSRSSR-BZ	Q96QV6
762	H2A 1:20 K13me1 (H2A.1A)	Ac-SGRGKQGGKARA-KMe1-SKSRSSR-BZ	Q96QV6
763	H2A 1:20 K13me2 (H2A.1A)	Ac-SGRGKQGGKARA-KMe2-SKSRSSR-BZ	Q96QV6
764	H2A 1:20 K13me3 (H2A.1A)	Ac-SGRGKQGGKARA-KMe3-SKSRSSR-BZ	Q96QV6
765	H2A 1:20 K13but (H2A.1A)	Ac-SGRGKQGGKARA-KBut-SKSRSSR-BZ	Q96QV6
766	H2A 1:20 K13prop (H2A.1A)	Ac-SGRGKQGGKARA-KProp-SKSRSSR-BZ	Q96QV6
767	H2A 1:20 K13mal (H2A.1A)	Ac-SGRGKQGGKARA-KMal-SKSRSSR-BZ	Q96QV6
768	H2A 1:20 K13suc (H2A.1A)	Ac-SGRGKQGGKARA-KSuc-SKSRSSR-BZ	Q96QV6
769	H2A 1:20 Cit11 (H2A.1A)	Ac-SGRGKQGGKA-Cit-AKSKSRSSR-BZ	Q96QV6
770	H2A 1:20 R11me1 (H2A.1A)	Ac-SGRGKQGGKA-RMe1-AKSKSRSSR-BZ	Q96QV6
771	H2A 1:20 R11me2a (H2A.1A)	Ac-SGRGKQGGKA-RMe2a-AKSKSRSSR-BZ	Q96QV6
772	H2A 1:20 R11me2s (H2A.1A)	Ac-SGRGKQGGKA-RMe2s-AKSKSRSSR-BZ	Q96QV6
773	H2A 1:20 K9ac (H2A.1A)	Ac-SGRGKQGG-KAc-ARAKSKSRSSR-BZ	Q96QV6
774	H2A 1:20 K9me1 (H2A.1A)	Ac-SGRGKQGG-KMe1-ARAKSKSRSSR-BZ	Q96QV6



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	Peptide Name	Peptide Sequence	Uniprot
775	H2A 1:20 K9me2 (H2A.1A)	Ac-SGRGKQGG-KMe2-ARAKSKSRSSR-BZ	Q96QV6
776	H2A 1:20 K9me3 (H2A.1A)	Ac-SGRGKQGG-KMe3-ARAKSKSRSSR-BZ	Q96QV6
777	H2A 1:20 K9but (H2A.1A)	Ac-SGRGKQGG-KBut-ARAKSKSRSSR-BZ	Q96QV6
778	H2A 1:20 K9prop (H2A.1A)	Ac-SGRGKQGG-KProp-ARAKSKSRSSR-BZ	Q96QV6
779	H2A 1:20 K9mal (H2A.1A)	Ac-SGRGKQGG-KMal-ARAKSKSRSSR-BZ	Q96QV6
780	H2A 1:20 K9suc (H2A.1A)	Ac-SGRGKQGG-KSuc-ARAKSKSRSSR-BZ	Q96QV6
781	H2A 1:20 K15ac (H2A.J)	Ac-SGRGKQGGKVRACA-KAc-SRSSR-BZ	Q9BTM1
782	H2A 1:20 K15me1 (H2A.J)	Ac-SGRGKQGGKVRACA-KMe1-SRSSR-BZ	Q9BTM1
783	H2A 1:20 K15me2 (H2A.J)	Ac-SGRGKQGGKVRACA-KMe2-SRSSR-BZ	Q9BTM1
784	H2A 1:20 K15me3 (H2A.J)	Ac-SGRGKQGGKVRACA-KMe3-SRSSR-BZ	Q9BTM1
785	H2A 1:20 K15but (H2A.J)	Ac-SGRGKQGGKVRACA-KBut-SRSSR-BZ	Q9BTM1
786	H2A 1:20 K15prop (H2A.J)	Ac-SGRGKQGGKVRACA-KProp-SRSSR-BZ	Q9BTM1
787	H2A 1:20 K15mal (H2A.J)	Ac-SGRGKQGGKVRACA-KMal-SRSSR-BZ	Q9BTM1
788	H2A 1:20 K15suc (H2A.J)	Ac-SGRGKQGGKVRACA-KSuc-SRSSR-BZ	Q9BTM1
789	H2A 1:20 K13ac (H2A.J)	Ac-SGRGKQGGKVRRA-KAc-AKSRSSR-BZ	Q9BTM1
790	H2A 1:20 K13me1 (H2A.J)	Ac-SGRGKQGGKVRRA-KMe1-AKSRSSR-BZ	Q9BTM1
791	H2A 1:20 K13me2 (H2A.J)	Ac-SGRGKQGGKVRRA-KMe2-AKSRSSR-BZ	Q9BTM1
792	H2A 1:20 K13me3 (H2A.J)	Ac-SGRGKQGGKVRRA-KMe3-AKSRSSR-BZ	Q9BTM1
793	H2A 1:20 K13but (H2A.J)	Ac-SGRGKQGGKVRRA-KBut-AKSRSSR-BZ	Q9BTM1
794	H2A 1:20 K13prop (H2A.J)	Ac-SGRGKQGGKVRRA-KProp-AKSRSSR-BZ	Q9BTM1
795	H2A 1:20 K13mal (H2A.J)	Ac-SGRGKQGGKVRRA-KMal-AKSRSSR-BZ	Q9BTM1
796	H2A 1:20 K13suc (H2A.J)	Ac-SGRGKQGGKVRRA-KSuc-AKSRSSR-BZ	Q9BTM1
797	H2A 1:20 Cit11 (H2A.J)	Ac-SGRGKQGGKV-Cit-AKAKSRSSR-BZ	Q9BTM1
798	H2A 1:20 R11me1 (H2A.J)	Ac-SGRGKQGGKV-RMe1-AKAKSRSSR-BZ	Q9BTM1
799	H2A 1:20 R11me2a (H2A.J)	Ac-SGRGKQGGKV-RMe2a-AKAKSRSSR-BZ	Q9BTM1
800	H2A 1:20 R11me2s (H2A.J)	Ac-SGRGKQGGKV-RMe2s-AKAKSRSSR-BZ	Q9BTM1
801	H2A 1:20 K9ac (H2A.J)	Ac-SGRGKQGG-KAc-VRAKAKSRSSR-BZ	Q9BTM1
802	H2A 1:20 K9me1 (H2A.J)	Ac-SGRGKQGG-KMe1-VRAKAKSRSSR-BZ	Q9BTM1
803	H2A 1:20 K9me2 (H2A.J)	Ac-SGRGKQGG-KMe2-VRAKAKSRSSR-BZ	Q9BTM1
804	H2A 1:20 K9me3 (H2A.J)	Ac-SGRGKQGG-KMe3-VRAKAKSRSSR-BZ	Q9BTM1
805	H2A 1:20 K9but (H2A.J)	Ac-SGRGKQGG-KBut-VRAKAKSRSSR-BZ	Q9BTM1
806	H2A 1:20 K9prop (H2A.J)	Ac-SGRGKQGG-KProp-VRAKAKSRSSR-BZ	Q9BTM1
807	H2A 1:20 K9mal (H2A.J)	Ac-SGRGKQGG-KMal-VRAKAKSRSSR-BZ	Q9BTM1
808	H2A 1:20 K9suc (H2A.J)	Ac-SGRGKQGG-KSuc-VRAKAKSRSSR-BZ	Q9BTM1
809	H2A 1:20 K15ac (H2A.x)	Ac-SGRGKTGGKARAKA-KAc-SRSSR-BZ	P16104
810	H2A 1:20 K15me1 (H2A.x)	Ac-SGRGKTGGKARAKA-KMe1-SRSSR-BZ	P16104
811	H2A 1:20 K15me2 (H2A.x)	Ac-SGRGKTGGKARAKA-KMe2-SRSSR-BZ	P16104
812	H2A 1:20 K15me3 (H2A.x)	Ac-SGRGKTGGKARAKA-KMe3-SRSSR-BZ	P16104
813	H2A 1:20 K15but (H2A.x)	Ac-SGRGKTGGKARAKA-KBut-SRSSR-BZ	P16104
814	H2A 1:20 K15prop (H2A.x)	Ac-SGRGKTGGKARAKA-KProp-SRSSR-BZ	P16104
815	H2A 1:20 K15mal (H2A.x)	Ac-SGRGKTGGKARAKA-KMal-SRSSR-BZ	P16104
816	H2A 1:20 K15suc (H2A.x)	Ac-SGRGKTGGKARAKA-KSuc-SRSSR-BZ	P16104
817	H2A 1:20 K13ac (H2A.x)	Ac-SGRGKTGGKARA-KAc-AKSRSSR-BZ	P16104



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	Peptide Name	Peptide Sequence	Uniprot
818	H2A 1:20 K13me1 (H2A.x)	Ac-SGRGKTGGKARA-KMe1-AKSRSSR-BZ	P16104
819	H2A 1:20 K13me2 (H2A.x)	Ac-SGRGKTGGKARA-KMe2-AKSRSSR-BZ	P16104
820	H2A 1:20 K13me3 (H2A.x)	Ac-SGRGKTGGKARA-KMe3-AKSRSSR-BZ	P16104
821	H2A 1:20 K13but (H2A.x)	Ac-SGRGKTGGKARA-KBut-AKSRSSR-BZ	P16104
822	H2A 1:20 K13prop (H2A.x)	Ac-SGRGKTGGKARA-KProp-AKSRSSR-BZ	P16104
823	H2A 1:20 K13mal (H2A.x)	Ac-SGRGKTGGKARA-KMal-AKSRSSR-BZ	P16104
824	H2A 1:20 K13suc (H2A.x)	Ac-SGRGKTGGKARA-KSuc-AKSRSSR-BZ	P16104
825	H2A 1:20 Cit11 (H2A.x)	Ac-SGRGKTGGKA-Cit-AKAKSRSSR-BZ	P16104
826	H2A 1:20 R11me1 (H2A.x)	Ac-SGRGKTGGKA-RMe1-AKAKSRSSR-BZ	P16104
827	H2A 1:20 R11me2a (H2A.x)	Ac-SGRGKTGGKA-RMe2a-AKAKSRSSR-BZ	P16104
828	H2A 1:20 R11me2s (H2A.x)	Ac-SGRGKTGGKA-RMe2s-AKAKSRSSR-BZ	P16104
829	H2A 1:20 K9ac (H2A.x)	Ac-SGRGKTGG-KAC-ARAKAKSRSSR-BZ	P16104
830	H2A 1:20 K9me1 (H2A.x)	Ac-SGRGKTGG-KMe1-ARAKAKSRSSR-BZ	P16104
831	H2A 1:20 K9me2 (H2A.x)	Ac-SGRGKTGG-KMe2-ARAKAKSRSSR-BZ	P16104
832	H2A 1:20 K9me3 (H2A.x)	Ac-SGRGKTGG-KMe3-ARAKAKSRSSR-BZ	P16104
833	H2A 1:20 K9but (H2A.x)	Ac-SGRGKTGG-KBut-ARAKAKSRSSR-BZ	P16104
834	H2A 1:20 K9prop (H2A.x)	Ac-SGRGKTGG-KProp-ARAKAKSRSSR-BZ	P16104
835	H2A 1:20 K9mal (H2A.x)	Ac-SGRGKTGG-KMal-ARAKAKSRSSR-BZ	P16104
836	H2A 1:20 K9suc (H2A.x)	Ac-SGRGKTGG-KSuc-ARAKAKSRSSR-BZ	P16104
837	H2A 1:20 pT6 (H2A.x)	Ac-SGRGK-pT-GGKARAKAKSRSSR-BZ	P16104
838	H2A 1:20 K13ac_K15ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGGKARA-KAC-A-KAC-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
839	H2A 1:20 K9ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KAC-ARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
840	H2A 1:20 K5ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KAC-QGGKARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
841	H2A 1:20 K5ac_K9ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KAC-QGG-KAC-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
842	H2A 1:20 pS1_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRGKQGGKARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
843	H2A 1:20 pS1_K9ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRGKQGG-KAC-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
844	H2A 1:20 pS1_K5ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRG-KAC-QGGKARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
845	H2A 1:20 K9ac_K13ac_K15ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRGKQGG-KAC-ARA-KAC-A-KAC-TRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
846	H2A 1:20 K5ac_K9ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-SGRG-KAC-QGG-KAC-ARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
847	H2A 1:20 pS1_K9ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRGKQGG-KAC-ARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
848	H2A 1:20 pS1_K5ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRG-KAC-QGGKARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
849	H2A 1:20 pS1_K5ac_K9ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRG-KAC-QGG-KAC-ARAKAKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
850	H2A 1:20 pS1_K5ac_K9ac_K13ac (H2A.1\1BE\1D\1H\1J)	Ac-pS-GRG-KAC-QGG-KAC-ARA-KAC-AKTRSSR-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
851	H2A 3:22 (H2A.V)	Ac-GKAGKDSGKAKAVSRSQR-BZ	Q71UI9
852	H2A 3:22 (H2A.Z)	Ac-GKAGKDSGKAKTKAVSRSQR-BZ	P0C0S5
853	H2A 3:22 K15ac (H2A.V)	Ac-GKAGKDSGKAKA-KAC-AVSRSQR-BZ	Q71UI9
854	H2A 3:22 K15me1 (H2A.V)	Ac-GKAGKDSGKAKA-KMe1-AVSRSQR-BZ	Q71UI9
855	H2A 3:22 K15me2 (H2A.V)	Ac-GKAGKDSGKAKA-KMe2-AVSRSQR-BZ	Q71UI9
856	H2A 3:22 K15me3 (H2A.V)	Ac-GKAGKDSGKAKA-KMe3-AVSRSQR-BZ	Q71UI9
857	H2A 3:22 K15but (H2A.V)	Ac-GKAGKDSGKAKA-KBut-AVSRSQR-BZ	Q71UI9
858	H2A 3:22 K15prop (H2A.V)	Ac-GKAGKDSGKAKA-KProp-AVSRSQR-BZ	Q71UI9
859	H2A 3:22 K15mal (H2A.V)	Ac-GKAGKDSGKAKA-KMal-AVSRSQR-BZ	Q71UI9
860	H2A 3:22 K15suc (H2A.V)	Ac-GKAGKDSGKAKA-KSuc-AVSRSQR-BZ	Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
861	H2A 3:22 K13ac (H2A.V)	Ac-GKAGKDSGKA-KAc-AKAVSRQR-BZ	Q71UI9
862	H2A 3:22 K13me1 (H2A.V)	Ac-GKAGKDSGKA-KMe1-AKAVSRQR-BZ	Q71UI9
863	H2A 3:22 K13me2 (H2A.V)	Ac-GKAGKDSGKA-KMe2-AKAVSRQR-BZ	Q71UI9
864	H2A 3:22 K13me3 (H2A.V)	Ac-GKAGKDSGKA-KMe3-AKAVSRQR-BZ	Q71UI9
865	H2A 3:22 K13but (H2A.V)	Ac-GKAGKDSGKA-KBut-AKAVSRQR-BZ	Q71UI9
866	H2A 3:22 K13prop (H2A.V)	Ac-GKAGKDSGKA-KProp-AKAVSRQR-BZ	Q71UI9
867	H2A 3:22 K13mal (H2A.V)	Ac-GKAGKDSGKA-KMal-AKAVSRQR-BZ	Q71UI9
868	H2A 3:22 K13suc (H2A.V)	Ac-GKAGKDSGKA-KSuc-AKAVSRQR-BZ	Q71UI9
869	H2A 3:22 K11ac (H2A.V)	Ac-GKAGKDSG-KAc-AKAKAVSRQR-BZ	Q71UI9
870	H2A 3:22 K11me1 (H2A.V)	Ac-GKAGKDSG-KMe1-AKAKAVSRQR-BZ	Q71UI9
871	H2A 3:22 K11me2 (H2A.V)	Ac-GKAGKDSG-KMe2-AKAKAVSRQR-BZ	Q71UI9
872	H2A 3:22 K11me3 (H2A.V)	Ac-GKAGKDSG-KMe3-AKAKAVSRQR-BZ	Q71UI9
873	H2A 3:22 K11but (H2A.V)	Ac-GKAGKDSG-KBut-AKAKAVSRQR-BZ	Q71UI9
874	H2A 3:22 K11prop (H2A.V)	Ac-GKAGKDSG-KProp-AKAKAVSRQR-BZ	Q71UI9
875	H2A 3:22 K11mal (H2A.V)	Ac-GKAGKDSG-KMal-AKAKAVSRQR-BZ	Q71UI9
876	H2A 3:22 K11suc (H2A.V)	Ac-GKAGKDSG-KSuc-AKAKAVSRQR-BZ	Q71UI9
877	H2A 3:22 pS9 (H2A.V)	Ac-GKAGKD-pS-GKAKAVSRQR-BZ	Q71UI9
878	H2A 3:22 K15ac (H2A.Z)	Ac-GKAGKDSGKAKT-KAc-AVSRQR-BZ	P0C0S5
879	H2A 3:22 K15me1 (H2A.Z)	Ac-GKAGKDSGKAKT-KMe1-AVSRQR-BZ	P0C0S5
880	H2A 3:22 K15me2 (H2A.Z)	Ac-GKAGKDSGKAKT-KMe2-AVSRQR-BZ	P0C0S5
881	H2A 3:22 K15me3 (H2A.Z)	Ac-GKAGKDSGKAKT-KMe3-AVSRQR-BZ	P0C0S5
882	H2A 3:22 K15but (H2A.Z)	Ac-GKAGKDSGKAKT-KBut-AVSRQR-BZ	P0C0S5
883	H2A 3:22 K15prop (H2A.Z)	Ac-GKAGKDSGKAKT-KProp-AVSRQR-BZ	P0C0S5
884	H2A 3:22 K15mal (H2A.Z)	Ac-GKAGKDSGKAKT-KMal-AVSRQR-BZ	P0C0S5
885	H2A 3:22 K15suc (H2A.Z)	Ac-GKAGKDSGKAKT-KSuc-AVSRQR-BZ	P0C0S5
886	H2A 3:22 pT14 (H2A.Z)	Ac-GKAGKDSGKAK-pT-KAVSRQR-BZ	P0C0S5
887	H2A 3:22 K13ac (H2A.Z)	Ac-GKAGKDSGKA-KAc-TKAVSRQR-BZ	P0C0S5
888	H2A 3:22 K13me1 (H2A.Z)	Ac-GKAGKDSGKA-KMe1-TKAVSRQR-BZ	P0C0S5
889	H2A 3:22 K13me2 (H2A.Z)	Ac-GKAGKDSGKA-KMe2-TKAVSRQR-BZ	P0C0S5
890	H2A 3:22 K13me3 (H2A.Z)	Ac-GKAGKDSGKA-KMe3-TKAVSRQR-BZ	P0C0S5
891	H2A 3:22 K13but (H2A.Z)	Ac-GKAGKDSGKA-KBut-TKAVSRQR-BZ	P0C0S5
892	H2A 3:22 K13prop (H2A.Z)	Ac-GKAGKDSGKA-KProp-TKAVSRQR-BZ	P0C0S5
893	H2A 3:22 K13mal (H2A.Z)	Ac-GKAGKDSGKA-KMal-TKAVSRQR-BZ	P0C0S5
894	H2A 3:22 K13suc (H2A.Z)	Ac-GKAGKDSGKA-KSuc-TKAVSRQR-BZ	P0C0S5
895	H2A 3:22 K11ac (H2A.Z)	Ac-GKAGKDSG-KAc-AKTKAVSRQR-BZ	P0C0S5
896	H2A 3:22 K11me1 (H2A.Z)	Ac-GKAGKDSG-KMe1-AKTKAVSRQR-BZ	P0C0S5
897	H2A 3:22 K11me2 (H2A.Z)	Ac-GKAGKDSG-KMe2-AKTKAVSRQR-BZ	P0C0S5
898	H2A 3:22 K11me3 (H2A.Z)	Ac-GKAGKDSG-KMe3-AKTKAVSRQR-BZ	P0C0S5
899	H2A 3:22 K11but (H2A.Z)	Ac-GKAGKDSG-KBut-AKTKAVSRQR-BZ	P0C0S5
900	H2A 3:22 K11prop (H2A.Z)	Ac-GKAGKDSG-KProp-AKTKAVSRQR-BZ	P0C0S5
901	H2A 3:22 K11mal (H2A.Z)	Ac-GKAGKDSG-KMal-AKTKAVSRQR-BZ	P0C0S5
902	H2A 3:22 K11suc (H2A.Z)	Ac-GKAGKDSG-KSuc-AKTKAVSRQR-BZ	P0C0S5
903	H2A 3:22 pS9 (H2A.Z)	Ac-GKAGKD-pS-GKAKTKAVSRQR-BZ	P0C0S5



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	Peptide Name	Peptide Sequence	Uniprot
904	H2A 11:30 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRSSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
905	H2A 11:30 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRSSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
906	H2A 11:30 (H2A.1A)	Ac-RAKSKSRSSRAGLQFPVGRI-BZ	Q96QV6
907	H2A 11:30 Cit20 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRSS-Cit-AGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
908	H2A 11:30 R20me1 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRSS-RMe1-AGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
909	H2A 11:30 R20me2a (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRSS-RMe2a-AGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
910	H2A 11:30 R20me2s (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRSS-RMe2s-AGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
911	H2A 11:30 pS19 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSRS-pS-RAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
912	H2A 11:30 pS18 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKSR-pS-SRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
913	H2A 11:30 Cit17 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKS-Cit-SSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
914	H2A 11:30 R17me1 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKS-RMe1-SSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
915	H2A 11:30 R17me2a (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKS-RMe2a-SSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
916	H2A 11:30 R17me2s (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAKS-RMe2s-SSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
917	H2A 11:30 pS16 (H2A.1C\2A\2B\2C\3\J\X)	Ac-RAKAK-pS-RSSRAGLQFPVGRV-BZ	P16104, Q7L7L0, Q6FI13, Q16777, Q8IUE6, Q93077, Q9BTM1
918	H2A 11:30 Cit20 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRSS-Cit-AGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
919	H2A 11:30 R20me1 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRSS-RMe1-AGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
920	H2A 11:30 R20me2a (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRSS-RMe2a-AGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
921	H2A 11:30 R20me2s (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRSS-RMe2s-AGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
922	H2A 11:30 pS19 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTRS-pS-RAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
923	H2A 11:30 pS18 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKTR-pS-SRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
924	H2A 11:30 Cit17 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKT-Cit-SSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
925	H2A 11:30 R17me1 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKT-RMe1-SSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
926	H2A 11:30 R17me2a (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKT-RMe2a-SSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
927	H2A 11:30 R17me2s (H2A.1\1BE\1D\1H\1J)	Ac-RAKAKT-RMe2s-SSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
928	H2A 11:30 pT16 (H2A.1\1BE\1D\1H\1J)	Ac-RAKAK-pT-RSSRAGLQFPVGRV-BZ	P0C0S8, P20671, P04908, Q99878, Q96KK5
929	H2A 15:34 (H2A.V\Z)	Ac-KAVSRSQRAGLQFPVGRIHR-BZ	P0C0S5, Q71UI9
930	H2A 15:34 Cit22 (H2A.V\Z)	Ac-KAVSRSQ-Cit-AGLQFPVGRIHR-BZ	P0C0S5, Q71UI9
931	H2A 15:34 R22me1 (H2A.V\Z)	Ac-KAVSRSQ-RMe1-AGLQFPVGRIHR-BZ	P0C0S5, Q71UI9
932	H2A 15:34 R22me2a (H2A.V\Z)	Ac-KAVSRSQ-RMe2a-AGLQFPVGRIHR-BZ	P0C0S5, Q71UI9
933	H2A 15:34 R22me2s (H2A.V\Z)	Ac-KAVSRSQ-RMe2s-AGLQFPVGRIHR-BZ	P0C0S5, Q71UI9
934	H2A 15:34 pS20 (H2A.V\Z)	Ac-KAVSR-pS-QRAGLQFPVGRIHR-BZ	P0C0S5, Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
935	H2A 18:37 (H2A.V\Z)	Ac-SRSQRAGLQFPVGRVHRHLK-BZ	P0C0S5, Q71UI9
936	H2A 18:37 Cit31 (H2A.V\Z)	Ac-SRSQRAGLQFPVG-Cit-IHRHLK-BZ	P0C0S5, Q71UI9
937	H2A 18:37 R31me1 (H2A.V\Z)	Ac-SRSQRAGLQFPVG-RMe1-IHRHLK-BZ	P0C0S5, Q71UI9
938	H2A 18:37 R31me2a (H2A.V\Z)	Ac-SRSQRAGLQFPVG-RMe2a-IHRHLK-BZ	P0C0S5, Q71UI9
939	H2A 18:37 R31me2s (H2A.V\Z)	Ac-SRSQRAGLQFPVG-RMe2s-IHRHLK-BZ	P0C0S5, Q71UI9
940	H2A 17:36 (H2A.1A)	Ac-RSSRAGLQFPVGRVHRLLRK-BZ	Q96QV6
941	H2A 17:36 Cit29 (H2A.1A)	Ac-RSSRAGLQFPVG-Cit-IHRLLRK-BZ	Q96QV6
942	H2A 17:36 R29me1 (H2A.1A)	Ac-RSSRAGLQFPVG-RMe1-IHRLLRK-BZ	Q96QV6
943	H2A 17:36 R29me2a (H2A.1A)	Ac-RSSRAGLQFPVG-RMe2a-IHRLLRK-BZ	Q96QV6
944	H2A 17:36 R29me2s (H2A.1A)	Ac-RSSRAGLQFPVG-RMe2s-IHRLLRK-BZ	Q96QV6
945	H2A 19:38 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J)	Ac-SRAGLQFPVGRVHRLLRKGN-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
946	H2A 19:38 K36ac (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J)	Ac-SRAGLQFPVGRVHRLLR-KAC-GN-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
947	H2A 19:38 R20me1 K36ac (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J)	Ac-S-RMe1-AGLQFPVGRVHRLLR-KAC-GN-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
948	H2A 21:40 (H2A.x)	Ac-AGLQFPVGRVHRLLRKGHYA-BZ	P16104
949	H2A 21:40 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVHRLLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
950	H2A 21:40 (H2A.1BE\1D\3)	Ac-AGLQFPVGRVHRLLRKGNYS-BZ	Q7L7L0, P20671, P04908
951	H2A 21:40 Cit35 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVHRLLR-Cit-KGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
952	H2A 21:40 R35me1 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVHRLLR-RMe1-KGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
953	H2A 21:40 R35me2a (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVHRLLR-RMe2a-KGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
954	H2A 21:40 R35me2s (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVHRLLR-RMe2s-KGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
955	H2A 21:40 Cit32 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVH-Cit-LLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
956	H2A 21:40 R32me1 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVH-RMe1-LLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
957	H2A 21:40 R32me2a (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVH-RMe2a-LLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
958	H2A 21:40 R32me2s (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVGRVH-RMe2s-LLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
959	H2A 21:40 Cit29 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVG-Cit-VHRLLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
960	H2A 21:40 R29me1 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVG-RMe1-VHRLLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
961	H2A 21:40 R29me2a (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVG-RMe2a-VHRLLRKGNIA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1



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	Peptide Name	Peptide Sequence	Uniprot
962	H2A 21:40 R29me2s (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-AGLQFPVG-RMe2s-VHLLLRKGNYA-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
963	H2A 25:44 (H2A.Z)	Ac-LQFPVGRIRHRLKSRRTTSHG-BZ	P0C0S5
964	H2A 25:44 (H2A.V)	Ac-LQFPVGRIRHRLKTRTTSHG-BZ	Q71UI9
965	H2A 25:44 Cit39 (H2A.Z)	Ac-LQFPVGRIRHRLKS-Cit-TTSHG-BZ	P0C0S5
966	H2A 25:44 R39me1 (H2A.Z)	Ac-LQFPVGRIRHRLKS-RMe1-TTSHG-BZ	P0C0S5
967	H2A 25:44 R39me2a (H2A.Z)	Ac-LQFPVGRIRHRLKS-RMe2a-TTSHG-BZ	P0C0S5
968	H2A 25:44 R39me2s (H2A.Z)	Ac-LQFPVGRIRHRLKS-RMe2s-TTSHG-BZ	P0C0S5
969	H2A 25:44 pS38 (H2A.Z)	Ac-LQFPVGRIRHRLK-pS-RTTSHG-BZ	P0C0S5
970	H2A 25:44 K37ac (H2A.Z)	Ac-LQFPVGRIRHRL-KAc-SRTTSHG-BZ	P0C0S5
971	H2A 25:44 K37me1 (H2A.Z)	Ac-LQFPVGRIRHRL-KMe1-SRTTSHG-BZ	P0C0S5
972	H2A 25:44 K37me2 (H2A.Z)	Ac-LQFPVGRIRHRL-KMe2-SRTTSHG-BZ	P0C0S5
973	H2A 25:44 K37me3 (H2A.Z)	Ac-LQFPVGRIRHRL-KMe3-SRTTSHG-BZ	P0C0S5
974	H2A 25:44 K37but (H2A.Z)	Ac-LQFPVGRIRHRL-KBut-SRTTSHG-BZ	P0C0S5
975	H2A 25:44 K37prop (H2A.Z)	Ac-LQFPVGRIRHRL-KProp-SRTTSHG-BZ	P0C0S5
976	H2A 25:44 K37mal (H2A.Z)	Ac-LQFPVGRIRHRL-KMal-SRTTSHG-BZ	P0C0S5
977	H2A 25:44 K37suc (H2A.Z)	Ac-LQFPVGRIRHRL-KSuc-SRTTSHG-BZ	P0C0S5
978	H2A 25:44 Cit34 (H2A.Z)	Ac-LQFPVGRIRH-Cit-HLKSRTTSHG-BZ	P0C0S5
979	H2A 25:44 R34me1 (H2A.Z)	Ac-LQFPVGRIRH-RMe1-HLKSRTTSHG-BZ	P0C0S5
980	H2A 25:44 R34me2a (H2A.Z)	Ac-LQFPVGRIRH-RMe2a-HLKSRTTSHG-BZ	P0C0S5
981	H2A 25:44 R34me2s (H2A.Z)	Ac-LQFPVGRIRH-RMe2s-HLKSRTTSHG-BZ	P0C0S5
982	H2A 25:44 Cit31 (H2A.Z)	Ac-LQFPVG-Cit-IHRHLKSRRTTSHG-BZ	P0C0S5
983	H2A 25:44 R31me1 (H2A.Z)	Ac-LQFPVG-RMe1-IHRHLKSRRTTSHG-BZ	P0C0S5
984	H2A 25:44 R31me2a (H2A.Z)	Ac-LQFPVG-RMe2a-IHRHLKSRRTTSHG-BZ	P0C0S5
985	H2A 25:44 R31me2s (H2A.Z)	Ac-LQFPVG-RMe2s-IHRHLKSRRTTSHG-BZ	P0C0S5
986	H2A 25:44 Cit39 (H2A.V)	Ac-LQFPVGRIRHRLKT-Cit-TTSHG-BZ	Q71UI9
987	H2A 25:44 R39me1 (H2A.V)	Ac-LQFPVGRIRHRLKT-RMe1-TTSHG-BZ	Q71UI9
988	H2A 25:44 R39me2a (H2A.V)	Ac-LQFPVGRIRHRLKT-RMe2a-TTSHG-BZ	Q71UI9
989	H2A 25:44 R39me2s (H2A.V)	Ac-LQFPVGRIRHRLKT-RMe2s-TTSHG-BZ	Q71UI9
990	H2A 25:44 pT38 (H2A.V)	Ac-LQFPVGRIRHRLK-pT-RTTSHG-BZ	Q71UI9
991	H2A 25:44 K37ac (H2A.V)	Ac-LQFPVGRIRHRL-KAc-TRTTSHG-BZ	Q71UI9
992	H2A 25:44 K37me1 (H2A.V)	Ac-LQFPVGRIRHRL-KMe1-TRTTSHG-BZ	Q71UI9
993	H2A 25:44 K37me2 (H2A.V)	Ac-LQFPVGRIRHRL-KMe2-TRTTSHG-BZ	Q71UI9
994	H2A 25:44 K37me3 (H2A.V)	Ac-LQFPVGRIRHRL-KMe3-TRTTSHG-BZ	Q71UI9
995	H2A 25:44 K37but (H2A.V)	Ac-LQFPVGRIRHRL-KBut-TRTTSHG-BZ	Q71UI9
996	H2A 25:44 K37prop (H2A.V)	Ac-LQFPVGRIRHRL-KProp-TRTTSHG-BZ	Q71UI9
997	H2A 25:44 K37mal (H2A.V)	Ac-LQFPVGRIRHRL-KMal-TRTTSHG-BZ	Q71UI9
998	H2A 25:44 K37suc (H2A.V)	Ac-LQFPVGRIRHRL-KSuc-TRTTSHG-BZ	Q71UI9
999	H2A 25:44 Cit34 (H2A.V)	Ac-LQFPVGRIRH-Cit-HLKTRTTSHG-BZ	Q71UI9
1000	H2A 25:44 R34me1 (H2A.V)	Ac-LQFPVGRIRH-RMe1-HLKTRTTSHG-BZ	Q71UI9
1001	H2A 25:44 R34me2a (H2A.V)	Ac-LQFPVGRIRH-RMe2a-HLKTRTTSHG-BZ	Q71UI9
1002	H2A 25:44 R34me2s (H2A.V)	Ac-LQFPVGRIRH-RMe2s-HLKTRTTSHG-BZ	Q71UI9
1003	H2A 25:44 Cit31 (H2A.V)	Ac-LQFPVG-Cit-IHRHLKTRTTSHG-BZ	Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
1004	H2A 25:44 R31me1 (H2A.V)	Ac-IQFPVG-RMe1-IHRHLKTRTTSHG-BZ	Q71UI9
1005	H2A 25:44 R31me2a (H2A.V)	Ac-LQFPVG-RMe2a-IHRHLKTRTTSHG-BZ	Q71UI9
1006	H2A 25:44 R31me2s (H2A.V)	Ac-LQFPVG-RMe2s-IHRHLKTRTTSHG-BZ	Q71UI9
1007	H2A 24:43 (H2A.1A)	Ac-QFPVGRIHRLLRKGNYAERI-BZ	Q96QV6
1008	H2A 24:43 K36ac (H2A.1A)	Ac-QFPVGRIHRLLR-KAc-GNYAERI-BZ	Q96QV6
1009	H2A 24:43 K36me1 (H2A.1A)	Ac-QFPVGRIHRLLR-KMe1-GNYAERI-BZ	Q96QV6
1010	H2A 24:43 K36me2 (H2A.1A)	Ac-QFPVGRIHRLLR-KMe2-GNYAERI-BZ	Q96QV6
1011	H2A 24:43 K36me3 (H2A.1A)	Ac-QFPVGRIHRLLR-KMe3-GNYAERI-BZ	Q96QV6
1012	H2A 24:43 K36but (H2A.1A)	Ac-QFPVGRIHRLLR-KBut-GNYAERI-BZ	Q96QV6
1013	H2A 24:43 K36prop (H2A.1A)	Ac-QFPVGRIHRLLR-KProp-GNYAERI-BZ	Q96QV6
1014	H2A 24:43 K36mal (H2A.1A)	Ac-QFPVGRIHRLLR-KMal-GNYAERI-BZ	Q96QV6
1015	H2A 24:43 K36suc (H2A.1A)	Ac-QFPVGRIHRLLR-KSuc-GNYAERI-BZ	Q96QV6
1016	H2A 24:43 Cit35 (H2A.1A)	Ac-QFPVGRIHRLLR-Cit-KGNYAERI-BZ	Q96QV6
1017	H2A 24:43 R35me1 (H2A.1A)	Ac-QFPVGRIHRLLR-RMe1-KGNYAERI-BZ	Q96QV6
1018	H2A 24:43 R35me2a (H2A.1A)	Ac-QFPVGRIHRLLR-RMe2a-KGNYAERI-BZ	Q96QV6
1019	H2A 24:43 R35me2s (H2A.1A)	Ac-QFPVGRIHRLLR-RMe2s-KGNYAERI-BZ	Q96QV6
1020	H2A 24:43 Cit32 (H2A.1A)	Ac-QFPVGRIH-Cit-LLRKGNYAERI-BZ	Q96QV6
1021	H2A 24:43 R32me1 (H2A.1A)	Ac-QFPVGRIH-RMe1-LLRKGNYAERI-BZ	Q96QV6
1022	H2A 24:43 R32me2a (H2A.1A)	Ac-QFPVGRIH-RMe2a-LLRKGNYAERI-BZ	Q96QV6
1023	H2A 24:43 R32me2s (H2A.1A)	Ac-QFPVGRIH-RMe2s-LLRKGNYAERI-BZ	Q96QV6
1024	H2A 24:43 Cit29 (H2A.1A)	Ac-QFPVG-Cit-IHRLLRKGNYAERI-BZ	Q96QV6
1025	H2A 24:43 R29me1 (H2A.1A)	Ac-QFPVG-RMe1-IHRLLRKGNYAERI-BZ	Q96QV6
1026	H2A 24:43 R29me2a (H2A.1A)	Ac-QFPVG-RMe2a-IHRLLRKGNYAERI-BZ	Q96QV6
1027	H2A 24:43 R29me2s (H2A.1A)	Ac-QFPVG-RMe2s-IHRLLRKGNYAERI-BZ	Q96QV6
1028	H2A 28:47 (H2A.Z)	Ac-PVGR IHRHLKSR TTSHGRVG-BZ	P0C0S5
1029	H2A 28:47 (H2A.V)	Ac-PVGR IHRHLKTR TTSHGRVG-BZ	Q71UI9
1030	H2A 28:47 pS42 (H2A.Z)	Ac-PVGR IHRHLKSR TT-pS-HGRVG-BZ	P0C0S5
1031	H2A 28:47 pT41 (H2A.Z)	Ac-PVGR IHRHLKSR TT-pT-SHGRVG-BZ	P0C0S5
1032	H2A 28:47 pT40 (H2A.Z)	Ac-PVGR IHRHLKSR-pT-TSHGRVG-BZ	P0C0S5
1033	H2A 28:47 Cit39 (H2A.Z)	Ac-PVGR IHRHLKS-Cit-TTSHGRVG-BZ	P0C0S5
1034	H2A 28:47 R39me1 (H2A.Z)	Ac-PVGR IHRHLKS-RMe1-TTSHGRVG-BZ	P0C0S5
1035	H2A 28:47 R39me2a (H2A.Z)	Ac-PVGR IHRHLKS-RMe2a-TTSHGRVG-BZ	P0C0S5
1036	H2A 28:47 R39me2s (H2A.Z)	Ac-PVGR IHRHLKS-RMe2s-TTSHGRVG-BZ	P0C0S5
1037	H2A 28:47 pS38 (H2A.Z)	Ac-PVGR IHRHLK-pS-RTTSHGRVG-BZ	P0C0S5
1038	H2A 28:47 K37ac (H2A.Z)	Ac-PVGR IHRHL-KAc-SRTTSHGRVG-BZ	P0C0S5
1039	H2A 28:47 K37me1 (H2A.Z)	Ac-PVGR IHRHL-KMe1-SRTTSHGRVG-BZ	P0C0S5
1040	H2A 28:47 K37me2 (H2A.Z)	Ac-PVGR IHRHL-KMe2-SRTTSHGRVG-BZ	P0C0S5
1041	H2A 28:47 K37me3 (H2A.Z)	Ac-PVGR IHRHL-KMe3-SRTTSHGRVG-BZ	P0C0S5
1042	H2A 28:47 K37but (H2A.Z)	Ac-PVGR IHRHL-KBut-SRTTSHGRVG-BZ	P0C0S5
1043	H2A 28:47 K37prop (H2A.Z)	Ac-PVGR IHRHL-KProp-SRTTSHGRVG-BZ	P0C0S5
1044	H2A 28:47 K37mal (H2A.Z)	Ac-PVGR IHRHL-KMal-SRTTSHGRVG-BZ	P0C0S5
1045	H2A 28:47 K37suc (H2A.Z)	Ac-PVGR IHRHL-KSuc-SRTTSHGRVG-BZ	P0C0S5
1046	H2A 28:47 Cit34 (H2A.Z)	Ac-PVGR IH-Cit-HLKSRTTSHGRVG-BZ	P0C0S5



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	Peptide Name	Peptide Sequence	Uniprot
1047	H2A 28:47 R34me1 (H2A.Z)	Ac-PVGRIH-RMe1-HLKSRTTSHGRVG-BZ	P0C0S5
1048	H2A 28:47 R34me2a (H2A.Z)	Ac-PVGRIH-RMe2a-HLKSRTTSHGRVG-BZ	P0C0S5
1049	H2A 28:47 R34me2s (H2A.Z)	Ac-PVGRIH-RMe2s-HLKSRTTSHGRVG-BZ	P0C0S5
1050	H2A 28:47 pS42 (H2A.V)	Ac-PVGRIHRLKTRTT-pS-HGRVG-BZ	Q71UI9
1051	H2A 28:47 pT41 (H2A.V)	Ac-PVGRIHRLKTRT-pT-SHGRVG-BZ	Q71UI9
1052	H2A 28:47 pT40 (H2A.V)	Ac-PVGRIHRLKTR-pT-TSHGRVG-BZ	Q71UI9
1053	H2A 28:47 Cit39 (H2A.V)	Ac-PVGRIHRLKTR-Cit-TTSHGRVG-BZ	Q71UI9
1054	H2A 28:47 R39me1 (H2A.V)	Ac-PVGRIHRLKTR-RMe1-TTSHGRVG-BZ	Q71UI9
1055	H2A 28:47 R39me2a (H2A.V)	Ac-PVGRIHRLKTR-RMe2a-TTSHGRVG-BZ	Q71UI9
1056	H2A 28:47 R39me2s (H2A.V)	Ac-PVGRIHRLKTR-RMe2s-TTSHGRVG-BZ	Q71UI9
1057	H2A 28:47 pT38 (H2A.V)	Ac-PVGRIHRLK-pT-RTTSHGRVG-BZ	Q71UI9
1058	H2A 28:47 K37ac (H2A.V)	Ac-PVGRIHRL-KAc-TRTTSHGRVG-BZ	Q71UI9
1059	H2A 28:47 K37me1 (H2A.V)	Ac-PVGRIHRL-KMe1-TRTTSHGRVG-BZ	Q71UI9
1060	H2A 28:47 K37me2 (H2A.V)	Ac-PVGRIHRL-KMe2-TRTTSHGRVG-BZ	Q71UI9
1061	H2A 28:47 K37me3 (H2A.V)	Ac-PVGRIHRL-KMe3-TRTTSHGRVG-BZ	Q71UI9
1062	H2A 28:47 K37but (H2A.V)	Ac-PVGRIHRL-KBut-TRTTSHGRVG-BZ	Q71UI9
1063	H2A 28:47 K37prop (H2A.V)	Ac-PVGRIHRL-KProp-TRTTSHGRVG-BZ	Q71UI9
1064	H2A 28:47 K37mal (H2A.V)	Ac-PVGRIHRL-KMal-TRTTSHGRVG-BZ	Q71UI9
1065	H2A 28:47 K37suc (H2A.V)	Ac-PVGRIHRL-KSuc-TRTTSHGRVG-BZ	Q71UI9
1066	H2A 28:47 Cit34 (H2A.V)	Ac-PVGRIH-Cit-HLKTRTTSHGRVG-BZ	Q71UI9
1067	H2A 28:47 R34me1 (H2A.V)	Ac-PVGRIH-RMe1-HLKTRTTSHGRVG-BZ	Q71UI9
1068	H2A 28:47 R34me2a (H2A.V)	Ac-PVGRIH-RMe2a-HLKTRTTSHGRVG-BZ	Q71UI9
1069	H2A 28:47 R34me2s (H2A.V)	Ac-PVGRIH-RMe2s-HLKTRTTSHGRVG-BZ	Q71UI9
1070	H2A 31:50 (H2A.x)	Ac-HRLLRKGHYAERVGAGAPVY-BZ	P16104
1071	H2A 31:50 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1072	H2A 31:50 (H2A.1BE\1D\3)	Ac-HRLLRKGNYSERVAGAPVY-BZ	Q7L7L0, P20671, P04908
1073	H2A 31:50 Cit42 (H2A.x)	Ac-HRLLRKGHYAE-Cit-VGAGAPVY-BZ	P16104
1074	H2A 31:50 R42me1 (H2A.x)	Ac-HRLLRKGHYAE-RMe1-VGAGAPVY-BZ	P16104
1075	H2A 31:50 R42me2a (H2A.x)	Ac-HRLLRKGHYAE-RMe2a-VGAGAPVY-BZ	P16104
1076	H2A 31:50 R42me2s (H2A.x)	Ac-HRLLRKGHYAE-RMe2s-VGAGAPVY-BZ	P16104
1077	H2A 31:50 pY39 (H2A.x)	Ac-HRLLRKGH-pY-AERVGAGAPVY-BZ	P16104
1078	H2A 31:50 K36ac (H2A.x)	Ac-HRLLR-KAc-GHYAERVGAGAPVY-BZ	P16104
1079	H2A 31:50 K36me1 (H2A.x)	Ac-HRLLR-KMe1-GHYAERVGAGAPVY-BZ	P16104
1080	H2A 31:50 K36me2 (H2A.x)	Ac-HRLLR-KMe2-GHYAERVGAGAPVY-BZ	P16104
1081	H2A 31:50 K36me3 (H2A.x)	Ac-HRLLR-KMe3-GHYAERVGAGAPVY-BZ	P16104
1082	H2A 31:50 K36but (H2A.x)	Ac-HRLLR-KBut-GHYAERVGAGAPVY-BZ	P16104
1083	H2A 31:50 K36prop (H2A.x)	Ac-HRLLR-KProp-GHYAERVGAGAPVY-BZ	P16104
1084	H2A 31:50 K36mal (H2A.x)	Ac-HRLLR-KMal-GHYAERVGAGAPVY-BZ	P16104
1085	H2A 31:50 K36suc (H2A.x)	Ac-HRLLR-KSuc-GHYAERVGAGAPVY-BZ	P16104
1086	H2A 31:50 Cit42 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNYAE-Cit-VGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1



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	Peptide Name	Peptide Sequence	Uniprot
1087	H2A 31:50 R42me1 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNYAE-RMe1-VGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1088	H2A 31:50 R42me2a (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNYAE-RMe2a-VGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1089	H2A 31:50 R42me2s (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNYAE-RMe2s-VGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1090	H2A 31:50 pY39 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLRKGNY-pY-AERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1091	H2A 31:50 K36ac (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KAc-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1092	H2A 31:50 K36me1 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KMe1-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1093	H2A 31:50 K36me2 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KMe2-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1094	H2A 31:50 K36me3 (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KMe3-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1095	H2A 31:50 K36but (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KBut-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1096	H2A 31:50 K36prop (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KProp-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1097	H2A 31:50 K36mal (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KMal-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1098	H2A 31:50 K36suc (H2A.1\1C\1H\1J\2A\2B\2C\J)	Ac-HRLLR-KSuc-GNYAERVGAGAPVY-BZ	P0C0S8, Q6FI13, Q16777, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1099	H2A 31:50 Cit42 (H2A.1BE\1D\3)	Ac-HRLLRKGNYSE-Cit-VGAGAPVY-BZ	Q7L7L0, P20671, P04908
1100	H2A 31:50 R42me1 (H2A.1BE\1D\3)	Ac-HRLLRKGNYSE-RMe1-VGAGAPVY-BZ	Q7L7L0, P20671, P04908
1101	H2A 31:50 R42me2a (H2A.1BE\1D\3)	Ac-HRLLRKGNYSE-RMe2a-VGAGAPVY-BZ	Q7L7L0, P20671, P04908
1102	H2A 31:50 R42me2s (H2A.1BE\1D\3)	Ac-HRLLRKGNYSE-RMe2s-VGAGAPVY-BZ	Q7L7L0, P20671, P04908
1103	H2A 31:50 pS40 (H2A.1BE\1D\3)	Ac-HRLLRKGNY-pS-ERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1104	H2A 31:50 pY39 (H2A.1BE\1D\3)	Ac-HRLLRKGNY-pY-SERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1105	H2A 31:50 K36ac (H2A.1BE\1D\3)	Ac-HRLLR-KAc-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1106	H2A 31:50 K36me1 (H2A.1BE\1D\3)	Ac-HRLLR-KMe1-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1107	H2A 31:50 K36me2 (H2A.1BE\1D\3)	Ac-HRLLR-KMe2-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1108	H2A 31:50 K36me3 (H2A.1BE\1D\3)	Ac-HRLLR-KMe3-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1109	H2A 31:50 K36but (H2A.1BE\1D\3)	Ac-HRLLR-KBut-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1110	H2A 31:50 K36prop (H2A.1BE\1D\3)	Ac-HRLLR-KProp-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1111	H2A 31:50 K36mal (H2A.1BE\1D\3)	Ac-HRLLR-KMal-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1112	H2A 31:50 K36suc (H2A.1BE\1D\3)	Ac-HRLLR-KSuc-GNYSERVGAGAPVY-BZ	Q7L7L0, P20671, P04908
1113	H2A 34:53 (H2A.1A)	Ac-LRKGNYAERIGAGAPVYLAA-BZ	Q96QV6
1114	H2A 34:53 Cit42 (H2A.1A)	Ac-LRKGNYAE-Cit-IGAGAPVYLAA-BZ	Q96QV6
1115	H2A 34:53 R42me1 (H2A.1A)	Ac-LRKGNYAE-RMe1-IGAGAPVYLAA-BZ	Q96QV6
1116	H2A 34:53 R42me2a (H2A.1A)	Ac-LRKGNYAE-RMe2a-IGAGAPVYLAA-BZ	Q96QV6
1117	H2A 34:53 R42me2s (H2A.1A)	Ac-LRKGNYAE-RMe2s-IGAGAPVYLAA-BZ	Q96QV6



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	Peptide Name	Peptide Sequence	Uniprot
1118	H2A 34:53 pY39 (H2A.1A)	Ac-LRKGN-pY-AERIGAGAPVYLAA-BZ	Q96QV6
1119	H2A 39:58 (H2A.V\Z)	Ac-RTTSHGRVGGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1120	H2A 39:58 pY53 (H2A.V\Z)	Ac-RTTSHGRVGGATAAV-pY-SAAIL-BZ	P0C0S5, Q71UI9
1121	H2A 39:58 pT49 (H2A.V\Z)	Ac-RTTSHGRVGA-pT-AAVYSAAIL-BZ	P0C0S5, Q71UI9
1122	H2A 39:58 Cit45 (H2A.V\Z)	Ac-RTTSHG-Cit-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1123	H2A 39:58 R45me1 (H2A.V\Z)	Ac-RTTSHG-RMe1-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1124	H2A 39:58 R45me2a (H2A.V\Z)	Ac-RTTSHG-RMe2a-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1125	H2A 39:58 R45me2s (H2A.V\Z)	Ac-RTTSHG-RMe2s-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1126	H2A 40:59 (H2A.V\Z)	Ac-TTSHGRVGGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1127	H2A 40:59 pS54 (H2A.V\Z)	Ac-TTSHGRVGGATAAVY-pS-AAILE-BZ	P0C0S5, Q71UI9
1128	H2A 40:59 pY53 (H2A.V\Z)	Ac-TTSHGRVGGATAAV-pY-SAAILE-BZ	P0C0S5, Q71UI9
1129	H2A 40:59 pT49 (H2A.V\Z)	Ac-TTSHGRVGA-pT-AAVYSAAIL-BZ	P0C0S5, Q71UI9
1130	H2A 40:59 Cit45 (H2A.V\Z)	Ac-TTSHG-Cit-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1131	H2A 40:59 R45me1 (H2A.V\Z)	Ac-TTSHG-RMe1-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1132	H2A 40:59 R45me2a (H2A.V\Z)	Ac-TTSHG-RMe2a-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1133	H2A 40:59 R45me2s (H2A.V\Z)	Ac-TTSHG-RMe2s-VGATAAVVSAAIL-BZ	P0C0S5, Q71UI9
1134	H2A 41:60 (H2A.1\1BE\1C\1D\1H\1J\2B\3\J\X)	Ac-ERVGAGAPVYLAAVLEYLTA-BZ	P0C0S8, P16104, Q7L7L0, P20671, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1135	H2A 41:60 (H2A.2A\2C)	Ac-ERVGAGAPVYMAAVLEYLTA-BZ	Q6FI13, Q16777
1136	H2A 41:60 pY50 (H2A.1\1BE\1C\1D\1H\1J\2B\3\J\X)	Ac-ERVGAGAPV-pY-LAAVLEYLTA-BZ	P0C0S8, P16104, Q7L7L0, P20671, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1137	H2A 41:60 pY50 (H2A.2A\2C)	Ac-ERVGAGAPV-pY-MAAVLEYLTA-BZ	Q6FI13, Q16777
1138	H2A 42:61 (H2A.1A)	Ac-RIGAGAPVYLAAVLEYLTAE-BZ	Q96QV6
1139	H2A 42:61 pY50 (H2A.1A)	Ac-RIGAGAPV-pY-LAAVLEYLTAE-BZ	Q96QV6
1140	H2A 49:68 (H2A.V\Z)	Ac-TAAVYSAAILLEYLTAEVLEL-BZ	P0C0S5, Q71UI9
1141	H2A 49:68 pT62 (H2A.V\Z)	Ac-TAAVYSAAILLEYL-pT-AEVLEL-BZ	P0C0S5, Q71UI9
1142	H2A 49:68 pY60 (H2A.V\Z)	Ac-TAAVYSAAIL-pY-LTAEVLEL-BZ	P0C0S5, Q71UI9
1143	H2A 49:68 pS54 (H2A.V\Z)	Ac-TAAVY-pS-AAILEYLTAEVLEL-BZ	P0C0S5, Q71UI9
1144	H2A 51:70 (H2A.1\1BE\1C\1D\1H\1J\2B\3\J\X)	Ac-LAAVLEYLTAEILELAGNAA-BZ	P0C0S8, P16104, Q7L7L0, P20671, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1145	H2A 51:70 (H2A.1A)	Ac-LAAVLEYLTAEILELAGNAS-BZ	Q96QV6
1146	H2A 51:70 (H2A.2A\2C)	Ac-MAAVLEYLTAEILELAGNAA-BZ	Q6FI13, Q16777
1147	H2A 51:70 pT59 (H2A.1\1BE\1C\1D\1H\1J\2B\3\J\X)	Ac-LAAVLEYL-pT-AEILELAGNAA-BZ	P0C0S8, P16104, Q7L7L0, P20671, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1148	H2A 51:70 pY57 (H2A.1\1BE\1C\1D\1H\1J\2B\3\J\X)	Ac-LAAVLE-pY-LTAEILELAGNAA-BZ	P0C0S8, P16104, Q7L7L0, P20671, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1149	H2A 59:78 (H2A.V\Z)	Ac-EYLTAEVLELAGNASKDLKV-BZ	P0C0S5, Q71UI9
1150	H2A 59:78 pS73 (H2A.V\Z)	Ac-EYLTAEVLELAGNA-pS-KDLKV-BZ	P0C0S5, Q71UI9
1151	H2A 61:80 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNKKTRIIP-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1152	H2A 61:80 (H2A.1A)	Ac-EILELAGNASRDNKKTRIIP-BZ	Q96QV6
1153	H2A 61:80 K75ac (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KAc-TRIIP-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1



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	Peptide Name	Peptide Sequence	Uniprot
1154	H2A 61:80 K75me1 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KMe1-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1155	H2A 61:80 K75me2 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KMe2-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1156	H2A 61:80 K75me3 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KMe3-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1157	H2A 61:80 K75but (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KBut-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1158	H2A 61:80 K75prop (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KProp-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1159	H2A 61:80 K75mal (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KMal-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1160	H2A 61:80 K75suc (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDNK-KSuc-TRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1161	H2A 61:80 K74ac (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KAc-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1162	H2A 61:80 K74me1 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KMe1-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1163	H2A 61:80 K74me2 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KMe2-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1164	H2A 61:80 K74me3 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KMe3-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1165	H2A 61:80 K74but (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KBut-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1166	H2A 61:80 K74prop (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KProp-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1167	H2A 61:80 K74mal (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KMal-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1168	H2A 61:80 K74suc (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAARDN-KSuc-KTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1169	H2A 61:80 Cit71 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAA-Cit-DNKKTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1170	H2A 61:80 R71me1 (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAA-RMe1-DNKKTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1171	H2A 61:80 R71me2a (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAA-RMe2a-DNKKTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1172	H2A 61:80 R71me2s (H2A.1\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-EILELAGNAA-RMe2s-DNKKTRIIP-BZ	POC0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96KK5, Q9BTM1
1173	H2A 61:80 K75ac (H2A.1A)	Ac-EILELAGNASRDNK-KAc-TRIIP-BZ	Q96QV6
1174	H2A 61:80 K75me1 (H2A.1A)	Ac-EILELAGNASRDNK-KMe1-TRIIP-BZ	Q96QV6
1175	H2A 61:80 K75me2 (H2A.1A)	Ac-EILELAGNASRDNK-KMe2-TRIIP-BZ	Q96QV6
1176	H2A 61:80 K75me3 (H2A.1A)	Ac-EILELAGNASRDNK-KMe3-TRIIP-BZ	Q96QV6
1177	H2A 61:80 K75but (H2A.1A)	Ac-EILELAGNASRDNK-KBut-TRIIP-BZ	Q96QV6



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	Peptide Name	Peptide Sequence	Uniprot
1178	H2A 61:80 K75prop (H2A.1A)	Ac-EIHELGNASRDNK-KProp-TRIIP-BZ	Q96QV6
1179	H2A 61:80 K75mal (H2A.1A)	Ac-EIHELGNASRDNK-KMal-TRIIP-BZ	Q96QV6
1180	H2A 61:80 K75suc (H2A.1A)	Ac-EIHELGNASRDNK-KSuc-TRIIP-BZ	Q96QV6
1181	H2A 61:80 K74ac (H2A.1A)	Ac-EIHELGNASRDN-KAc-KTRIIP-BZ	Q96QV6
1182	H2A 61:80 K74me1 (H2A.1A)	Ac-EIHELGNASRDN-KMe1-KTRIIP-BZ	Q96QV6
1183	H2A 61:80 K74me2 (H2A.1A)	Ac-EIHELGNASRDN-KMe2-KTRIIP-BZ	Q96QV6
1184	H2A 61:80 K74me3 (H2A.1A)	Ac-EIHELGNASRDN-KMe3-KTRIIP-BZ	Q96QV6
1185	H2A 61:80 K74but (H2A.1A)	Ac-EIHELGNASRDN-KBut-KTRIIP-BZ	Q96QV6
1186	H2A 61:80 K74prop (H2A.1A)	Ac-EIHELGNASRDN-KProp-KTRIIP-BZ	Q96QV6
1187	H2A 61:80 K74mal (H2A.1A)	Ac-EIHELGNASRDN-KMal-KTRIIP-BZ	Q96QV6
1188	H2A 61:80 K74suc (H2A.1A)	Ac-EIHELGNASRDN-KSuc-KTRIIP-BZ	Q96QV6
1189	H2A 61:80 Cit71 (H2A.1A)	Ac-EIHELGNAS-Cit-DNKKTRIIP-BZ	Q96QV6
1190	H2A 61:80 R71me1 (H2A.1A)	Ac-EIHELGNAS-RMe1-DNKKTRIIP-BZ	Q96QV6
1191	H2A 61:80 R71me2a (H2A.1A)	Ac-EIHELGNAS-RMe2a-DNKKTRIIP-BZ	Q96QV6
1192	H2A 61:80 R71me2s (H2A.1A)	Ac-EIHELGNAS-RMe2s-DNKKTRIIP-BZ	Q96QV6
1193	H2A 61:80 pS70 (H2A.1A)	Ac-EIHELGNAS-pS-RDNKKTRIIP-BZ	Q96QV6
1194	H2A 69:88 (H2A.V\Z)	Ac-AGNASKDLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1195	H2A 69:88 pT82 (H2A.V\Z)	Ac-AGNASKDLKVKRI-pT-PRHLQL-BZ	P0C0S5, Q71UI9
1196	H2A 69:88 Cit80 (H2A.V\Z)	Ac-AGNASKDLKVK-Cit-ITPRHLQL-BZ	P0C0S5, Q71UI9
1197	H2A 69:88 R80me1 (H2A.V\Z)	Ac-AGNASKDLKVK-RMe1-ITPRHLQL-BZ	P0C0S5, Q71UI9
1198	H2A 69:88 R80me2a (H2A.V\Z)	Ac-AGNASKDLKVK-RMe2a-ITPRHLQL-BZ	P0C0S5, Q71UI9
1199	H2A 69:88 R80me2s (H2A.V\Z)	Ac-AGNASKDLKVK-RMe2s-ITPRHLQL-BZ	P0C0S5, Q71UI9
1200	H2A 69:88 K79ac (H2A.V\Z)	Ac-AGNASKDLKV-KAc-RITPRHLQL-BZ	P0C0S5, Q71UI9
1201	H2A 69:88 K79me1 (H2A.V\Z)	Ac-AGNASKDLKV-KMe1-RITPRHLQL-BZ	P0C0S5, Q71UI9
1202	H2A 69:88 K79me2 (H2A.V\Z)	Ac-AGNASKDLKV-KMe2-RITPRHLQL-BZ	P0C0S5, Q71UI9
1203	H2A 69:88 K79me3 (H2A.V\Z)	Ac-AGNASKDLKV-KMe3-RITPRHLQL-BZ	P0C0S5, Q71UI9
1204	H2A 69:88 K79but (H2A.V\Z)	Ac-AGNASKDLKV-KBut-RITPRHLQL-BZ	P0C0S5, Q71UI9
1205	H2A 69:88 K79prop (H2A.V\Z)	Ac-AGNASKDLKV-KProp-RITPRHLQL-BZ	P0C0S5, Q71UI9
1206	H2A 69:88 K79mal (H2A.V\Z)	Ac-AGNASKDLKV-KMal-RITPRHLQL-BZ	P0C0S5, Q71UI9
1207	H2A 69:88 K79suc (H2A.V\Z)	Ac-AGNASKDLKV-KSuc-RITPRHLQL-BZ	P0C0S5, Q71UI9
1208	H2A 69:88 K77ac (H2A.V\Z)	Ac-AGNASKDL-KAc-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1209	H2A 69:88 K77me1 (H2A.V\Z)	Ac-AGNASKDL-KMe1-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1210	H2A 69:88 K77me2 (H2A.V\Z)	Ac-AGNASKDL-KMe2-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1211	H2A 69:88 K77me3 (H2A.V\Z)	Ac-AGNASKDL-KMe3-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1212	H2A 69:88 K77but (H2A.V\Z)	Ac-AGNASKDL-KBut-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1213	H2A 69:88 K77prop (H2A.V\Z)	Ac-AGNASKDL-KProp-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1214	H2A 69:88 K77mal (H2A.V\Z)	Ac-AGNASKDL-KMal-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1215	H2A 69:88 K77suc (H2A.V\Z)	Ac-AGNASKDL-KSuc-VKRITPRHLQL-BZ	P0C0S5, Q71UI9
1216	H2A 69:88 K74ac (H2A.V\Z)	Ac-AGNAS-KAc-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1217	H2A 69:88 K74me1 (H2A.V\Z)	Ac-AGNAS-KMe1-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1218	H2A 69:88 K74me2 (H2A.V\Z)	Ac-AGNAS-KMe2-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1219	H2A 69:88 K74me3 (H2A.V\Z)	Ac-AGNAS-KMe3-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1220	H2A 69:88 K74but (H2A.V\Z)	Ac-AGNAS-KBut-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
1221	H2A 69:88 K74prop (H2A.V\Z)	Ac-AGNAS-KProp-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1222	H2A 69:88 K74mal (H2A.V\Z)	Ac-AGNAS-KMal-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1223	H2A 69:88 K74suc (H2A.V\Z)	Ac-AGNAS-KSuc-DLKVKRITPRHLQL-BZ	P0C0S5, Q71UI9
1224	H2A 71:90 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKTRIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1225	H2A 71:90 (H2A.2B)	Ac-RDNKKTRIPRHLQLAVRND-BZ	Q8IUE6
1226	H2A 71:90 Cit81 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKTRIIP-Cit-HLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1227	H2A 71:90 R81me1 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKTRIIP-RMe1-HLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1228	H2A 71:90 R81me2a (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKTRIIP-RMe2a-HLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1229	H2A 71:90 R81me2s (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKTRIIP-RMe2s-HLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1230	H2A 71:90 Cit77 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKT-Cit-IIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1231	H2A 71:90 R77me1 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKT-RMe1-IIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1232	H2A 71:90 R77me2a (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKT-RMe2a-IIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1233	H2A 71:90 R77me2s (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKKT-RMe2s-IIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1234	H2A 71:90 pT76 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2C\3\J\X)	Ac-RDNKK-pT-RIIPRHLQLAIRND-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1235	H2A 74:93 (H2A.2B)	Ac-KKTRIPRHLQLAVRNDDEEL-BZ	Q8IUE6
1236	H2A 74:93 Cit88 (H2A.2B)	Ac-KKTRIPRHLQLAV-Cit-NDEEL-BZ	Q8IUE6
1237	H2A 74:93 R88me1 (H2A.2B)	Ac-KKTRIPRHLQLAV-RMe1-NDEEL-BZ	Q8IUE6
1238	H2A 74:93 R88me2a (H2A.2B)	Ac-KKTRIPRHLQLAV-RMe2a-NDEEL-BZ	Q8IUE6
1239	H2A 74:93 R88me2s (H2A.2B)	Ac-KKTRIPRHLQLAV-RMe2s-NDEEL-BZ	Q8IUE6
1240	H2A 74:93 Cit81 (H2A.2B)	Ac-KKTRIIP-Cit-HLQLAVRNDDEEL-BZ	Q8IUE6
1241	H2A 74:93 R81me1 (H2A.2B)	Ac-KKTRIIP-RMe1-HLQLAVRNDDEEL-BZ	Q8IUE6
1242	H2A 74:93 R81me2a (H2A.2B)	Ac-KKTRIIP-RMe2a-HLQLAVRNDDEEL-BZ	Q8IUE6
1243	H2A 74:93 R81me2s (H2A.2B)	Ac-KKTRIIP-RMe2s-HLQLAVRNDDEEL-BZ	Q8IUE6
1244	H2A 79:98 (H2A.V\Z)	Ac-KRITPRHLQLAIRGDEELDS-BZ	P0C0S5, Q71UI9
1245	H2A 79:98 Cit91 (H2A.V\Z)	Ac-KRITPRHLQLAI-Cit-GDEELDS-BZ	P0C0S5, Q71UI9
1246	H2A 79:98 R91me1 (H2A.V\Z)	Ac-KRITPRHLQLAI-RMe1-GDEELDS-BZ	P0C0S5, Q71UI9
1247	H2A 79:98 R91me2a (H2A.V\Z)	Ac-KRITPRHLQLAI-RMe2a-GDEELDS-BZ	P0C0S5, Q71UI9
1248	H2A 79:98 R91me2s (H2A.V\Z)	Ac-KRITPRHLQLAI-RMe2s-GDEELDS-BZ	P0C0S5, Q71UI9
1249	H2A 79:98 Cit84 (H2A.V\Z)	Ac-KRITP-Cit-HLQLAIRGDEELDS-BZ	P0C0S5, Q71UI9
1250	H2A 79:98 R84me1 (H2A.V\Z)	Ac-KRITP-RMe1-HLQLAIRGDEELDS-BZ	P0C0S5, Q71UI9
1251	H2A 79:98 R84me2a (H2A.V\Z)	Ac-KRITP-RMe2a-HLQLAIRGDEELDS-BZ	P0C0S5, Q71UI9
1252	H2A 79:98 R84me2s (H2A.V\Z)	Ac-KRITP-RMe2s-HLQLAIRGDEELDS-BZ	P0C0S5, Q71UI9
1253	H2A 80:99 (H2A.1A\X)	Ac-PRHLQLAIRNDEELNKLGG-BZ	P16104, Q96QV6



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	Peptide Name	Peptide Sequence	Uniprot
1254	H2A 80:99 Cit88 (H2A.1A\X)	Ac-PRHLQLAI-Cit-NDEELNKLGG-BZ	P16104, Q96QV6
1255	H2A 80:99 R88me1 (H2A.1A\X)	Ac-PRHLQLAI-RMe1-NDEELNKLGG-BZ	P16104, Q96QV6
1256	H2A 80:99 R88me2a (H2A.1A\X)	Ac-PRHLQLAI-RMe2a-NDEELNKLGG-BZ	P16104, Q96QV6
1257	H2A 80:99 R88me2s (H2A.1A\X)	Ac-PRHLQLAI-RMe2s-NDEELNKLGG-BZ	P16104, Q96QV6
1258	H2A 81:100 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELNKLGGK-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1259	H2A 81:100 (H2A.1BE\1C\3)	Ac-RHLQLAIRNDEELNKLGRV-BZ	Q7L7L0, P04908, Q93077
1260	H2A 81:100 K95ac (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KAc-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1261	H2A 81:100 K95me1 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KMe1-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1262	H2A 81:100 K95me2 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KMe2-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1263	H2A 81:100 K95me3 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KMe3-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1264	H2A 81:100 K95but (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KBut-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1265	H2A 81:100 K95prop (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KProp-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1266	H2A 81:100 K95mal (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KMal-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1267	H2A 81:100 K95suc (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAIRNDEELN-KSuc-LLGKV-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1268	H2A 81:100 Cit88 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAI-Cit-NDEELNKLGGK-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1269	H2A 81:100 R88me1 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAI-RMe1-NDEELNKLGGK-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1270	H2A 81:100 R88me2a (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAI-RMe2a-NDEELNKLGGK-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1271	H2A 81:100 R88me2s (H2A.1\1D\1H\1J\2A\2C\J)	Ac-RHLQLAI-RMe2s-NDEELNKLGGK-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1272	H2A 85:104 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-LAIRNDEELNKLGGKVTIAQ-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1273	H2A 85:104 K99ac (H2A.1\1D\1H\1J\2A\2C\J)	Ac-LAIRNDEELNKLGG-KAc-VTIAQ-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1274	H2A 85:104 K95ac (H2A.1\1D\1H\1J\2A\2C\J)	Ac-LAIRNDEELN-KAc-LLGKVTIAQ-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1275	H2A 85:104 K95ac_K99ac (H2A.1\1D\1H\1J\2A\2C\J)	Ac-LAIRNDEELN-KAc-LLG-KAc-VTIAQ-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1276	H2A 89:108 (H2A.V\Z)	Ac-AIRGDEELDSLKATIAGGG-BZ	P0C0S5, Q71UI9
1277	H2A 89:108 pT103 (H2A.V\Z)	Ac-AIRGDEELDSLKA-pT-IAGGG-BZ	P0C0S5, Q71UI9
1278	H2A 89:108 K101ac (H2A.V\Z)	Ac-AIRGDEELSLI-KAc-ATIAGGG-BZ	P0C0S5, Q71UI9
1279	H2A 89:108 K101me1 (H2A.V\Z)	Ac-AIRGDEELSLI-KMe1-ATIAGGG-BZ	P0C0S5, Q71UI9



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	Peptide Name	Peptide Sequence	Uniprot
1280	H2A 89:108 K101me2 (H2A.V\Z)	Ac-AIRGDEELDSLl-KMe2-ATIAGGG-BZ	P0C0S5, Q71UI9
1281	H2A 89:108 K101me3 (H2A.V\Z)	Ac-AIRGDEELDSLl-KMe3-ATIAGGG-BZ	P0C0S5, Q71UI9
1282	H2A 89:108 K101but (H2A.V\Z)	Ac-AIRGDEELDSLl-KBut-ATIAGGG-BZ	P0C0S5, Q71UI9
1283	H2A 89:108 K101prop (H2A.V\Z)	Ac-AIRGDEELDSLl-KProp-ATIAGGG-BZ	P0C0S5, Q71UI9
1284	H2A 89:108 K101mal (H2A.V\Z)	Ac-AIRGDEELDSLl-KMal-ATIAGGG-BZ	P0C0S5, Q71UI9
1285	H2A 89:108 K101suc (H2A.V\Z)	Ac-AIRGDEELDSLl-KSuc-ATIAGGG-BZ	P0C0S5, Q71UI9
1286	H2A 89:108 pS98 (H2A.V\Z)	Ac-AIRGDEELD-pS-LIKATIAGGG-BZ	P0C0S5, Q71UI9
1287	H2A 88:107 (H2A.1A\2B\X)	Ac-RNDEELNKLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1288	H2A 88:107 pT101 (H2A.1A\2B\X)	Ac-RNDEELNKLGGV-pT-IAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1289	H2A 88:107 K95ac (H2A.1A\2B\X)	Ac-RNDEELN-KAc-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1290	H2A 88:107 K95me1 (H2A.1A\2B\X)	Ac-RNDEELN-KMe1-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1291	H2A 88:107 K95me2 (H2A.1A\2B\X)	Ac-RNDEELN-KMe2-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1292	H2A 88:107 K95me3 (H2A.1A\2B\X)	Ac-RNDEELN-KMe3-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1293	H2A 88:107 K95but (H2A.1A\2B\X)	Ac-RNDEELN-KBut-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1294	H2A 88:107 K95prop (H2A.1A\2B\X)	Ac-RNDEELN-KProp-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1295	H2A 88:107 K95mal (H2A.1A\2B\X)	Ac-RNDEELN-KMal-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1296	H2A 88:107 K95suc (H2A.1A\2B\X)	Ac-RNDEELN-KSuc-LLGGVTIAQGGV-BZ	P16104, Q8IUE6, Q96QV6
1297	H2A 91:110 (H2A.1A\2B\X)	Ac-EELNKLGGVTIAQGGVLPN-BZ	P16104, Q8IUE6, Q96QV6
1298	H2A 91:110 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLKGVTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1299	H2A 91:110 (H2A.1BE\1C\3)	Ac-EELNKLGRVTIAQGGVLPN-BZ	Q7L7L0, P04908, Q93077
1300	H2A 91:110 pT101 (H2A.1A\2B\X)	Ac-EELNKLGGV-pT-IAQGGVLPN-BZ	P16104, Q8IUE6, Q96QV6
1301	H2A 91:110 pT101 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLKGK-pT-IAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1302	H2A 91:110 K99ac (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KAc-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1303	H2A 91:110 K99me1 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KMe1-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1304	H2A 91:110 K99me2 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KMe2-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1305	H2A 91:110 K99me3 (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KMe3-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1306	H2A 91:110 K99but (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KBut-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1307	H2A 91:110 K99prop (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KProp-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1308	H2A 91:110 K99mal (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KMal-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1309	H2A 91:110 K99suc (H2A.1\1D\1H\1J\2A\2C\J)	Ac-EELNKLLG-KSuc-VTIAQGGVLPN-BZ	P0C0S8, P20671, Q6FI13, Q16777, Q99878, Q96KK5, Q9BTM1
1310	H2A 91:110 pT101 (H2A.1BE\1C\3)	Ac-EELNKLLGRV-pT-IAQGGVLPN-BZ	Q7L7L0, P04908, Q93077
1311	H2A 91:110 Cit99 (H2A.1BE\1C\3)	Ac-EELNKLLG-Cit-VTIAQGGVLPN-BZ	Q7L7L0, P04908, Q93077
1312	H2A 91:110 R99me1 (H2A.1BE\1C\3)	Ac-EELNKLLG-RMe1-VTIAQGGVLPN-BZ	Q7L7L0, P04908, Q93077



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	Peptide Name	Peptide Sequence	Uniprot
1313	H2A 91:110 R99me2a (H2A.1BE\1C\3)	Ac-EELNKLLG-RMe2a-VTIAQGGVLPN-BZ	Q7L7L0, P04908, Q93077
1314	H2A 91:110 R99me2s (H2A.1BE\1C\3)	Ac-EELNKLLG-RMe2s-VTIAQGGVLPN-BZ	Q7L7L0, P04908, Q93077
1315	H2A 99:118 (H2A.V\Z)	Ac-LIKATIAGGGVPIPHIHKSLI-BZ	P0C0S5, Q71UI9
1316	H2A 101:120 (H2A.1\1A\1BE\1C\1D\1H\1J\2A\2B\2C\3\J\X)	Ac-TIAQGGVLPNIQAVLLPKKT-BZ	P0C0S8, P16104, Q7L7L0, P20671, Q6FI13, Q16777, P04908, Q8IUE6, Q93077, Q99878, Q96QV6, Q96KK5, Q9BTM1
1317	H2A 108:127 (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-A-BZ	Q71UI9
1318	H2A 108:127 (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-V-BZ	P0C0S5
1319	H2A 108:127 pT126 (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-pT-A-BZ	Q71UI9
1320	H2A 108:127 K125ac (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KAc-TA-BZ	Q71UI9
1321	H2A 108:127 K125me1 (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KMe1-TA-BZ	Q71UI9
1322	H2A 108:127 K125me2 (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KMe2-TA-BZ	Q71UI9
1323	H2A 108:127 K125me3 (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KMe3-TA-BZ	Q71UI9
1324	H2A 108:127 K125but (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KBut-TA-BZ	Q71UI9
1325	H2A 108:127 K125prop (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KProp-TA-BZ	Q71UI9
1326	H2A 108:127 K125mal (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KMal-TA-BZ	Q71UI9
1327	H2A 108:127 K125suc (H2A.V)	Ac-GVIPHIHKSILIGKKGQQT-KSuc-TA-BZ	Q71UI9
1328	H2A 108:127 pT126 (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-pT-V-BZ	P0C0S5
1329	H2A 108:127 K125ac (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KAc-TV-BZ	P0C0S5
1330	H2A 108:127 K125me1 (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KMe1-TV-BZ	P0C0S5
1331	H2A 108:127 K125me2 (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KMe2-TV-BZ	P0C0S5
1332	H2A 108:127 K125me3 (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KMe3-TV-BZ	P0C0S5
1333	H2A 108:127 K125but (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KBut-TV-BZ	P0C0S5
1334	H2A 108:127 K125prop (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KProp-TV-BZ	P0C0S5
1335	H2A 108:127 K125mal (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KMal-TV-BZ	P0C0S5
1336	H2A 108:127 K125suc (H2A.Z)	Ac-GVIPHIHKSILIGKKGQQT-KSuc-TV-BZ	P0C0S5
1337	H2A 108:127 K121ac (H2A.Z)	Ac-GVIPHIHKSILIGK-KAc-GQQT-V-BZ	P0C0S5
1338	H2A 108:127 K121me1 (H2A.Z)	Ac-GVIPHIHKSILIGK-KMe1-GQQT-V-BZ	P0C0S5
1339	H2A 108:127 K121me2 (H2A.Z)	Ac-GVIPHIHKSILIGK-KMe2-GQQT-V-BZ	P0C0S5
1340	H2A 108:127 K121me3 (H2A.Z)	Ac-GVIPHIHKSILIGK-KMe3-GQQT-V-BZ	P0C0S5
1341	H2A 108:127 K121but (H2A.Z)	Ac-GVIPHIHKSILIGK-KBut-GQQT-V-BZ	P0C0S5
1342	H2A 108:127 K121prop (H2A.Z)	Ac-GVIPHIHKSILIGK-KProp-GQQT-V-BZ	P0C0S5
1343	H2A 108:127 K121mal (H2A.Z)	Ac-GVIPHIHKSILIGK-KMal-GQQT-V-BZ	P0C0S5
1344	H2A 108:127 K121suc (H2A.Z)	Ac-GVIPHIHKSILIGK-KSuc-GQQT-V-BZ	P0C0S5
1345	H2A 108:127 K120ac (H2A.Z)	Ac-GVIPHIHKSILIG-KAc-KGQQT-V-BZ	P0C0S5
1346	H2A 108:127 K120me1 (H2A.Z)	Ac-GVIPHIHKSILIG-KMe1-KGQQT-V-BZ	P0C0S5
1347	H2A 108:127 K120me2 (H2A.Z)	Ac-GVIPHIHKSILIG-KMe2-KGQQT-V-BZ	P0C0S5
1348	H2A 108:127 K120me3 (H2A.Z)	Ac-GVIPHIHKSILIG-KMe3-KGQQT-V-BZ	P0C0S5
1349	H2A 108:127 K120but (H2A.Z)	Ac-GVIPHIHKSILIG-KBut-KGQQT-V-BZ	P0C0S5
1350	H2A 108:127 K120prop (H2A.Z)	Ac-GVIPHIHKSILIG-KProp-KGQQT-V-BZ	P0C0S5
1351	H2A 108:127 K120mal (H2A.Z)	Ac-GVIPHIHKSILIG-KMal-KGQQT-V-BZ	P0C0S5
1352	H2A 108:127 K120suc (H2A.Z)	Ac-GVIPHIHKSILIG-KSuc-KGQQT-V-BZ	P0C0S5
1353	H2A 108:127 pS116 (H2A.Z)	Ac-GVIPHIHK-pS-LIGKKGQQT-V-BZ	P0C0S5



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	Peptide Name	Peptide Sequence	Uniprot
1354	H2A 108:127 K115ac (H2A.Z)	Ac-GVIPHIH-KAc-SLIGKKGQQKTV-BZ	P0C0S5
1355	H2A 108:127 K115me1 (H2A.Z)	Ac-GVIPHIH-KMe1-SLIGKKGQQKTV-BZ	P0C0S5
1356	H2A 108:127 K115me2 (H2A.Z)	Ac-GVIPHIH-KMe2-SLIGKKGQQKTV-BZ	P0C0S5
1357	H2A 108:127 K115me3 (H2A.Z)	Ac-GVIPHIH-KMe3-SLIGKKGQQKTV-BZ	P0C0S5
1358	H2A 108:127 K115but (H2A.Z)	Ac-GVIPHIH-KBut-SLIGKKGQQKTV-BZ	P0C0S5
1359	H2A 108:127 K115prop (H2A.Z)	Ac-GVIPHIH-KProp-SLIGKKGQQKTV-BZ	P0C0S5
1360	H2A 108:127 K115ma1 (H2A.Z)	Ac-GVIPHIH-KMa1-SLIGKKGQQKTV-BZ	P0C0S5
1361	H2A 108:127 K115suc (H2A.Z)	Ac-GVIPHIH-KSuc-SLIGKKGQQKTV-BZ	P0C0S5
1362	H2A 108:127 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKAK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1363	H2A 108:127 (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKTK-BZ	Q99878
1364	H2A 108:127 K127ac (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KAc-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1365	H2A 108:127 K127me1 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KMe1-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1366	H2A 108:127 K127me2 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KMe2-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1367	H2A 108:127 K127me3 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KMe3-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1368	H2A 108:127 K127but (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KBut-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1369	H2A 108:127 K127prop (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KProp-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1370	H2A 108:127 K127ma1 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KMa1-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1371	H2A 108:127 K127suc (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHHKA-KSuc-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1372	H2A 108:127 K125ac (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KAc-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1373	H2A 108:127 K125me1 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KMe1-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1374	H2A 108:127 K125me2 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KMe2-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1375	H2A 108:127 K125me3 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KMe3-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1376	H2A 108:127 K125but (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KBut-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1377	H2A 108:127 K125prop (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KProp-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1378	H2A 108:127 K125ma1 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KMa1-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1379	H2A 108:127 K125suc (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKKTESHH-KSuc-AK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5



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	Peptide Name	Peptide Sequence	Uniprot
1380	H2A 108:127 pT120 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPKK-pT-ESHHKAK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1381	H2A 108:127 K119ac (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPK-KAC-TESHHKAK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1382	H2A 108:127 K127ac (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KAC-BZ	Q99878
1383	H2A 108:127 K127me1 (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KMe1-BZ	Q99878
1384	H2A 108:127 K127me2 (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KMe2-BZ	Q99878
1385	H2A 108:127 K127me3 (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KMe3-BZ	Q99878
1386	H2A 108:127 K127but (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KBut-BZ	Q99878
1387	H2A 108:127 K127prop (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KProp-BZ	Q99878
1388	H2A 108:127 K127mal (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KMal-BZ	Q99878
1389	H2A 108:127 K127suc (H2A.1J)	Ac-LPNIQAVLLPKKTESHHKT-KSuc-BZ	Q99878
1390	H2A 108:127 pT126 (H2A.1J)	Ac-LPNIQAVLLPKKTESHHK-pT-K-BZ	Q99878
1391	H2A 108:127 K125ac (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KAC-TK-BZ	Q99878
1392	H2A 108:127 K125me1 (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KMe1-TK-BZ	Q99878
1393	H2A 108:127 K125me2 (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KMe2-TK-BZ	Q99878
1394	H2A 108:127 K125me3 (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KMe3-TK-BZ	Q99878
1395	H2A 108:127 K125but (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KBut-TK-BZ	Q99878
1396	H2A 108:127 K125prop (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KProp-TK-BZ	Q99878
1397	H2A 108:127 K125mal (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KMal-TK-BZ	Q99878
1398	H2A 108:127 K125suc (H2A.1J)	Ac-LPNIQAVLLPKKTESHH-KSuc-TK-BZ	Q99878
1399	H2A 108:127 pS122 (H2A.1J)	Ac-LPNIQAVLLPKKTE-pS-HHKTK-BZ	Q99878
1400	H2A 108:127 pT120 (H2A.1J)	Ac-LPNIQAVLLPKK-pT-ESHHKTK-BZ	Q99878
1401	H2A 108:127 K119ac (H2A.1J)	Ac-LPNIQAVLLPK-KAC-TESHHKTK-BZ	Q99878
1402	H2A 108:127 K119me1 (H2A.1J)	Ac-LPNIQAVLLPK-KMe1-TESHHKTK-BZ	Q99878
1403	H2A 108:127 K119me2 (H2A.1J)	Ac-LPNIQAVLLPK-KMe2-TESHHKTK-BZ	Q99878
1404	H2A 108:127 K119me3 (H2A.1J)	Ac-LPNIQAVLLPK-KMe3-TESHHKTK-BZ	Q99878
1405	H2A 108:127 K119but (H2A.1J)	Ac-LPNIQAVLLPK-KBut-TESHHKTK-BZ	Q99878
1406	H2A 108:127 K119prop (H2A.1J)	Ac-LPNIQAVLLPK-KProp-TESHHKTK-BZ	Q99878
1407	H2A 108:127 K119mal (H2A.1J)	Ac-LPNIQAVLLPK-KMal-TESHHKTK-BZ	Q99878
1408	H2A 108:127 K119suc (H2A.1J)	Ac-LPNIQAVLLPK-KSuc-TESHHKTK-BZ	Q99878
1409	H2A 108:127 K118ac (H2A.1J)	Ac-LPNIQAVLLP-KAC-KTESHHKTK-BZ	Q99878
1410	H2A 108:127 K118me1 (H2A.1J)	Ac-LPNIQAVLLP-KMe1-KTESHHKTK-BZ	Q99878
1411	H2A 108:127 K118me2 (H2A.1J)	Ac-LPNIQAVLLP-KMe2-KTESHHKTK-BZ	Q99878
1412	H2A 108:127 K118me3 (H2A.1J)	Ac-LPNIQAVLLP-KMe3-KTESHHKTK-BZ	Q99878
1413	H2A 108:127 K118but (H2A.1J)	Ac-LPNIQAVLLP-KBut-KTESHHKTK-BZ	Q99878
1414	H2A 108:127 K118prop (H2A.1J)	Ac-LPNIQAVLLP-KProp-KTESHHKTK-BZ	Q99878
1415	H2A 108:127 K118mal (H2A.1J)	Ac-LPNIQAVLLP-KMal-KTESHHKTK-BZ	Q99878
1416	H2A 108:127 K118suc (H2A.1J)	Ac-LPNIQAVLLP-KSuc-KTESHHKTK-BZ	Q99878
1417	H2A 108:127 K119ac_pT120 (H2A.1\1BE\1C\1D\1H\2A\3)	Ac-LPNIQAVLLPK-KAC-pT-ESHHKAK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077, Q96KK5
1418	H2A 108:127 K119ac_pT120 (H2A.1J)	Ac-LPNIQAVLLPK-KAC-pT-ESHHKTK-BZ	Q99878
1419	H2A 109:128 (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKSK-BZ	Q16777



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	Peptide Name	Peptide Sequence	Uniprot
1420	H2A 109:128 (H2A.J)	Ac-PNIQAVLLPKKTESQKTKSK-BZ	Q9BTM1
1421	H2A 109:128 K128ac (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KAC-BZ	Q16777
1422	H2A 109:128 K128me1 (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KMe1-BZ	Q16777
1423	H2A 109:128 K128me2 (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KMe2-BZ	Q16777
1424	H2A 109:128 K128me3 (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KMe3-BZ	Q16777
1425	H2A 109:128 K128but (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KBut-BZ	Q16777
1426	H2A 109:128 K128prop (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KProp-BZ	Q16777
1427	H2A 109:128 K128mal (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KMal-BZ	Q16777
1428	H2A 109:128 K128suc (H2A.2C)	Ac-PNIQAVLLPKKTESHKAKS-KSuc-BZ	Q16777
1429	H2A 109:128 pS127 (H2A.2C)	Ac-PNIQAVLLPKKTESHKAK-pS-K-BZ	Q16777
1430	H2A 109:128 K126ac (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KAC-SK-BZ	Q16777
1431	H2A 109:128 K126me1 (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KMe1-SK-BZ	Q16777
1432	H2A 109:128 K126me2 (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KMe2-SK-BZ	Q16777
1433	H2A 109:128 K126me3 (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KMe3-SK-BZ	Q16777
1434	H2A 109:128 K126but (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KBut-SK-BZ	Q16777
1435	H2A 109:128 K126prop (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KProp-SK-BZ	Q16777
1436	H2A 109:128 K126mal (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KMal-SK-BZ	Q16777
1437	H2A 109:128 K126suc (H2A.2C)	Ac-PNIQAVLLPKKTESHKA-KSuc-SK-BZ	Q16777
1438	H2A 109:128 K124ac (H2A.2C)	Ac-PNIQAVLLPKKTESH-KAC-AKSK-BZ	Q16777
1439	H2A 109:128 K124me1 (H2A.2C)	Ac-PNIQAVLLPKKTESH-KMe1-AKSK-BZ	Q16777
1440	H2A 109:128 K124me2 (H2A.2C)	Ac-PNIQAVLLPKKTESH-KMe2-AKSK-BZ	Q16777
1441	H2A 109:128 K124me3 (H2A.2C)	Ac-PNIQAVLLPKKTESH-KMe3-AKSK-BZ	Q16777
1442	H2A 109:128 K124but (H2A.2C)	Ac-PNIQAVLLPKKTESH-KBut-AKSK-BZ	Q16777
1443	H2A 109:128 K124prop (H2A.2C)	Ac-PNIQAVLLPKKTESH-KProp-AKSK-BZ	Q16777
1444	H2A 109:128 K124mal (H2A.2C)	Ac-PNIQAVLLPKKTESH-KMal-AKSK-BZ	Q16777
1445	H2A 109:128 K124suc (H2A.2C)	Ac-PNIQAVLLPKKTESH-KSuc-AKSK-BZ	Q16777
1446	H2A 109:128 pS122 (H2A.2C)	Ac-PNIQAVLLPKKTE-pS-HKAKSK-BZ	Q16777
1447	H2A 109:128 pT120 (H2A.2C)	Ac-PNIQAVLLPKK-pT-ESHKAKSK-BZ	Q16777
1448	H2A 109:128 K119ac (H2A.2C)	Ac-PNIQAVLLPK-KAC-TESHKAKSK-BZ	Q16777
1449	H2A 109:128 K119me1 (H2A.2C)	Ac-PNIQAVLLPK-KMe1-TESHKAKSK-BZ	Q16777
1450	H2A 109:128 K119me2 (H2A.2C)	Ac-PNIQAVLLPK-KMe2-TESHKAKSK-BZ	Q16777
1451	H2A 109:128 K119me3 (H2A.2C)	Ac-PNIQAVLLPK-KMe3-TESHKAKSK-BZ	Q16777
1452	H2A 109:128 K119but (H2A.2C)	Ac-PNIQAVLLPK-KBut-TESHKAKSK-BZ	Q16777
1453	H2A 109:128 K119prop (H2A.2C)	Ac-PNIQAVLLPK-KProp-TESHKAKSK-BZ	Q16777
1454	H2A 109:128 K119mal (H2A.2C)	Ac-PNIQAVLLPK-KMal-TESHKAKSK-BZ	Q16777
1455	H2A 109:128 K119suc (H2A.2C)	Ac-PNIQAVLLPK-KSuc-TESHKAKSK-BZ	Q16777
1456	H2A 109:128 K118ac (H2A.2C)	Ac-PNIQAVLLP-KAC-KTESHKAKSK-BZ	Q16777
1457	H2A 109:128 K118me1 (H2A.2C)	Ac-PNIQAVLLP-KMe1-KTESHKAKSK-BZ	Q16777
1458	H2A 109:128 K118me2 (H2A.2C)	Ac-PNIQAVLLP-KMe2-KTESHKAKSK-BZ	Q16777
1459	H2A 109:128 K118me3 (H2A.2C)	Ac-PNIQAVLLP-KMe3-KTESHKAKSK-BZ	Q16777
1460	H2A 109:128 K118but (H2A.2C)	Ac-PNIQAVLLP-KBut-KTESHKAKSK-BZ	Q16777
1461	H2A 109:128 K118prop (H2A.2C)	Ac-PNIQAVLLP-KProp-KTESHKAKSK-BZ	Q16777
1462	H2A 109:128 K118mal (H2A.2C)	Ac-PNIQAVLLP-KMal-KTESHKAKSK-BZ	Q16777



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	Peptide Name	Peptide Sequence	Uniprot
1463	H2A 109:128 K118suc (H2A.2C)	Ac-PNIQAVLLP-KSuc-KTESHKAKSK-BZ	Q16777
1464	H2A 109:128 K128ac (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KAc-BZ	Q9BTM1
1465	H2A 109:128 K128me1 (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KMe1-BZ	Q9BTM1
1466	H2A 109:128 K128me2 (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KMe2-BZ	Q9BTM1
1467	H2A 109:128 K128me3 (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KMe3-BZ	Q9BTM1
1468	H2A 109:128 K128but (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KBut-BZ	Q9BTM1
1469	H2A 109:128 K128prop (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KProp-BZ	Q9BTM1
1470	H2A 109:128 K128mal (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KMal-BZ	Q9BTM1
1471	H2A 109:128 K128suc (H2A.J)	Ac-PNIQAVLLPKKTESQKTKS-KSuc-BZ	Q9BTM1
1472	H2A 109:128 pS127 (H2A.J)	Ac-PNIQAVLLPKKTESQKTK-pS-K-BZ	Q9BTM1
1473	H2A 109:128 K126ac (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KAc-SK-BZ	Q9BTM1
1474	H2A 109:128 K126me1 (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KMe1-SK-BZ	Q9BTM1
1475	H2A 109:128 K126me2 (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KMe2-SK-BZ	Q9BTM1
1476	H2A 109:128 K126me3 (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KMe3-SK-BZ	Q9BTM1
1477	H2A 109:128 K126but (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KBut-SK-BZ	Q9BTM1
1478	H2A 109:128 K126prop (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KProp-SK-BZ	Q9BTM1
1479	H2A 109:128 K126mal (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KMal-SK-BZ	Q9BTM1
1480	H2A 109:128 K126suc (H2A.J)	Ac-PNIQAVLLPKKTESQKT-KSuc-SK-BZ	Q9BTM1
1481	H2A 109:128 pT125 (H2A.J)	Ac-PNIQAVLLPKKTESQK-pT-KSK-BZ	Q9BTM1
1482	H2A 109:128 K124ac (H2A.J)	Ac-PNIQAVLLPKKTESQ-KAc-TKSK-BZ	Q9BTM1
1483	H2A 109:128 K124me1 (H2A.J)	Ac-PNIQAVLLPKKTESQ-KMe1-TKSK-BZ	Q9BTM1
1484	H2A 109:128 K124me2 (H2A.J)	Ac-PNIQAVLLPKKTESQ-KMe2-TKSK-BZ	Q9BTM1
1485	H2A 109:128 K124me3 (H2A.J)	Ac-PNIQAVLLPKKTESQ-KMe3-TKSK-BZ	Q9BTM1
1486	H2A 109:128 K124but (H2A.J)	Ac-PNIQAVLLPKKTESQ-KBut-TKSK-BZ	Q9BTM1
1487	H2A 109:128 K124prop (H2A.J)	Ac-PNIQAVLLPKKTESQ-KProp-TKSK-BZ	Q9BTM1
1488	H2A 109:128 K124mal (H2A.J)	Ac-PNIQAVLLPKKTESQ-KMal-TKSK-BZ	Q9BTM1
1489	H2A 109:128 K124suc (H2A.J)	Ac-PNIQAVLLPKKTESQ-KSuc-TKSK-BZ	Q9BTM1
1490	H2A 109:128 pS122 (H2A.J)	Ac-PNIQAVLLPKKTE-pS-QTKSK-BZ	Q9BTM1
1491	H2A 109:128 pT120 (H2A.J)	Ac-PNIQAVLLPKK-pT-ESQTKSK-BZ	Q9BTM1
1492	H2A 109:128 K119ac (H2A.J)	Ac-PNIQAVLLPK-KAc-TESQTKSK-BZ	Q9BTM1
1493	H2A 109:128 K119me1 (H2A.J)	Ac-PNIQAVLLPK-KMe1-TESQTKSK-BZ	Q9BTM1
1494	H2A 109:128 K119me2 (H2A.J)	Ac-PNIQAVLLPK-KMe2-TESQTKSK-BZ	Q9BTM1
1495	H2A 109:128 K119me3 (H2A.J)	Ac-PNIQAVLLPK-KMe3-TESQTKSK-BZ	Q9BTM1
1496	H2A 109:128 K119but (H2A.J)	Ac-PNIQAVLLPK-KBut-TESQTKSK-BZ	Q9BTM1
1497	H2A 109:128 K119prop (H2A.J)	Ac-PNIQAVLLPK-KProp-TESQTKSK-BZ	Q9BTM1
1498	H2A 109:128 K119mal (H2A.J)	Ac-PNIQAVLLPK-KMal-TESQTKSK-BZ	Q9BTM1
1499	H2A 109:128 K119suc (H2A.J)	Ac-PNIQAVLLPK-KSuc-TESQTKSK-BZ	Q9BTM1
1500	H2A 109:128 K118ac (H2A.J)	Ac-PNIQAVLLP-KAc-KTESQTKSK-BZ	Q9BTM1
1501	H2A 109:128 K118me1 (H2A.J)	Ac-PNIQAVLLP-KMe1-KTESQTKSK-BZ	Q9BTM1
1502	H2A 109:128 K118me2 (H2A.J)	Ac-PNIQAVLLP-KMe2-KTESQTKSK-BZ	Q9BTM1
1503	H2A 109:128 K118me3 (H2A.J)	Ac-PNIQAVLLP-KMe3-KTESQTKSK-BZ	Q9BTM1
1504	H2A 109:128 K118but (H2A.J)	Ac-PNIQAVLLP-KBut-KTESQTKSK-BZ	Q9BTM1
1505	H2A 109:128 K118prop (H2A.J)	Ac-PNIQAVLLP-KProp-KTESQTKSK-BZ	Q9BTM1



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	Peptide Name	Peptide Sequence	Uniprot
1506	H2A 109:128 K118mal (H2A.J)	Ac-PNIQAVLLP-KMal-KTESQKTKSK-BZ	Q9BTM1
1507	H2A 109:128 K118suc (H2A.J)	Ac-PNIQAVLLP-KSuc-KTESQKTKSK-BZ	Q9BTM1
1508	H2A 110:129 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAKGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1509	H2A 110:129 (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKNK-BZ	Q8IUE6
1510	H2A 110:129 K129ac (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KAC-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1511	H2A 110:129 K129me1 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KMe1-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1512	H2A 110:129 K129me2 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KMe2-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1513	H2A 110:129 K129me3 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KMe3-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1514	H2A 110:129 K129but (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KBut-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1515	H2A 110:129 K129prop (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KProp-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1516	H2A 110:129 K129mal (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KMal-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1517	H2A 110:129 K129suc (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKAG-KSuc-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1518	H2A 110:129 K127ac (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KAC-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1519	H2A 110:129 K127me1 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KMe1-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1520	H2A 110:129 K127me2 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KMe2-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1521	H2A 110:129 K127me3 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KMe3-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1522	H2A 110:129 K127but (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KBut-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1523	H2A 110:129 K127prop (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KProp-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1524	H2A 110:129 K127mal (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KMal-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1525	H2A 110:129 K127suc (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHHKA-KSuc-GK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1526	H2A 110:129 K125ac (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KAC-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1527	H2A 110:129 K125me1 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KMe1-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1528	H2A 110:129 K125me2 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KMe2-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1529	H2A 110:129 K125me3 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KMe3-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1530	H2A 110:129 K125but (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KBut-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1531	H2A 110:129 K125prop (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KProp-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1532	H2A 110:129 K125mal (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KMal-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1533	H2A 110:129 K125suc (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTESHH-KSuc-AGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1534	H2A 110:129 pS122 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKKTE-pS-HHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1535	H2A 110:129 pT120 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPKK-pT-ESHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1536	H2A 110:129 K119ac (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KAC-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1537	H2A 110:129 K119me1 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KMe1-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1538	H2A 110:129 K119me2 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KMe2-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1539	H2A 110:129 K119me3 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KMe3-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1540	H2A 110:129 K119but (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KBut-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1541	H2A 110:129 K119prop (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KProp-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1542	H2A 110:129 K119mal (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KMal-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1543	H2A 110:129 K119suc (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KSuc-TESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1544	H2A 110:129 K118ac (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KAC-KTESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1545	H2A 110:129 K118me1 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KMe1-KTESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1546	H2A 110:129 K118me2 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KMe2-KTESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1547	H2A 110:129 K118me3 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KMe3-KTESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1548	H2A 110:129 K118but (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KBut-KTESHHKAGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077



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	Peptide Name	Peptide Sequence	Uniprot
1549	H2A 110:129 K118prop (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KProp-KTESHKAKGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1550	H2A 110:129 K118mal (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KMal-KTESHKAKGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1551	H2A 110:129 K118suc (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLP-KSuc-KTESHKAKGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1552	H2A 110:129 K129ac (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KAc-BZ	Q8IUE6
1553	H2A 110:129 K129me1 (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KMe1-BZ	Q8IUE6
1554	H2A 110:129 K129me2 (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KMe2-BZ	Q8IUE6
1555	H2A 110:129 K129me3 (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KMe3-BZ	Q8IUE6
1556	H2A 110:129 K129but (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KBut-BZ	Q8IUE6
1557	H2A 110:129 K129prop (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KProp-BZ	Q8IUE6
1558	H2A 110:129 K129ma1 (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KMal-BZ	Q8IUE6
1559	H2A 110:129 K129suc (H2A.2B)	Ac-NIQAVLLPKKTESHKPGKN-KSuc-BZ	Q8IUE6
1560	H2A 110:129 K127ac (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KAc-NK-BZ	Q8IUE6
1561	H2A 110:129 K127me1 (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KMe1-NK-BZ	Q8IUE6
1562	H2A 110:129 K127me2 (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KMe2-NK-BZ	Q8IUE6
1563	H2A 110:129 K127me3 (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KMe3-NK-BZ	Q8IUE6
1564	H2A 110:129 K127but (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KBut-NK-BZ	Q8IUE6
1565	H2A 110:129 K127prop (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KProp-NK-BZ	Q8IUE6
1566	H2A 110:129 K127ma1 (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KMal-NK-BZ	Q8IUE6
1567	H2A 110:129 K127suc (H2A.2B)	Ac-NIQAVLLPKKTESHKPG-KSuc-NK-BZ	Q8IUE6
1568	H2A 110:129 K124ac (H2A.2B)	Ac-NIQAVLLPKKTESH-KAc-PGKNK-BZ	Q8IUE6
1569	H2A 110:129 K124me1 (H2A.2B)	Ac-NIQAVLLPKKTESH-KMe1-PGKNK-BZ	Q8IUE6
1570	H2A 110:129 K124me2 (H2A.2B)	Ac-NIQAVLLPKKTESH-KMe2-PGKNK-BZ	Q8IUE6
1571	H2A 110:129 K124me3 (H2A.2B)	Ac-NIQAVLLPKKTESH-KMe3-PGKNK-BZ	Q8IUE6
1572	H2A 110:129 K124but (H2A.2B)	Ac-NIQAVLLPKKTESH-KBut-PGKNK-BZ	Q8IUE6
1573	H2A 110:129 K124prop (H2A.2B)	Ac-NIQAVLLPKKTESH-KProp-PGKNK-BZ	Q8IUE6
1574	H2A 110:129 K124ma1 (H2A.2B)	Ac-NIQAVLLPKKTESH-KMal-PGKNK-BZ	Q8IUE6
1575	H2A 110:129 K124suc (H2A.2B)	Ac-NIQAVLLPKKTESH-KSuc-PGKNK-BZ	Q8IUE6
1576	H2A 110:129 pS122 (H2A.2B)	Ac-NIQAVLLPKKTE-pS-HKPGKNK-BZ	Q8IUE6
1577	H2A 110:129 pT120 (H2A.2B)	Ac-NIQAVLLPKK-pT-ESHKPGKNK-BZ	Q8IUE6
1578	H2A 110:129 K119ac (H2A.2B)	Ac-NIQAVLLPK-KAc-TESHKPGKNK-BZ	Q8IUE6
1579	H2A 110:129 K119me1 (H2A.2B)	Ac-NIQAVLLPK-KMe1-TESHKPGKNK-BZ	Q8IUE6
1580	H2A 110:129 K119me2 (H2A.2B)	Ac-NIQAVLLPK-KMe2-TESHKPGKNK-BZ	Q8IUE6
1581	H2A 110:129 K119me3 (H2A.2B)	Ac-NIQAVLLPK-KMe3-TESHKPGKNK-BZ	Q8IUE6
1582	H2A 110:129 K119but (H2A.2B)	Ac-NIQAVLLPK-KBut-TESHKPGKNK-BZ	Q8IUE6
1583	H2A 110:129 K119prop (H2A.2B)	Ac-NIQAVLLPK-KProp-TESHKPGKNK-BZ	Q8IUE6
1584	H2A 110:129 K119ma1 (H2A.2B)	Ac-NIQAVLLPK-KMal-TESHKPGKNK-BZ	Q8IUE6
1585	H2A 110:129 K119suc (H2A.2B)	Ac-NIQAVLLPK-KSuc-TESHKPGKNK-BZ	Q8IUE6
1586	H2A 110:129 K118ac (H2A.2B)	Ac-NIQAVLLP-KAc-KTESHKPGKNK-BZ	Q8IUE6
1587	H2A 110:129 K118me1 (H2A.2B)	Ac-NIQAVLLP-KMe1-KTESHKPGKNK-BZ	Q8IUE6
1588	H2A 110:129 K118me2 (H2A.2B)	Ac-NIQAVLLP-KMe2-KTESHKPGKNK-BZ	Q8IUE6
1589	H2A 110:129 K118me3 (H2A.2B)	Ac-NIQAVLLP-KMe3-KTESHKPGKNK-BZ	Q8IUE6
1590	H2A 110:129 K118but (H2A.2B)	Ac-NIQAVLLP-KBut-KTESHKPGKNK-BZ	Q8IUE6
1591	H2A 110:129 K118prop (H2A.2B)	Ac-NIQAVLLP-KProp-KTESHKPGKNK-BZ	Q8IUE6



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	Peptide Name	Peptide Sequence	Uniprot
1592	H2A 110:129 K118mal (H2A.2B)	Ac-NIQAVLLP-KMal-KTESHKPGKNK-BZ	Q8IUE6
1593	H2A 110:129 K118suc (H2A.2B)	Ac-NIQAVLLP-KSuc-KTESHKPGKNK-BZ	Q8IUE6
1594	H2A 110:129 K119ac pT120 (H2A.1\1BE\1C\1D\2A\3)	Ac-NIQAVLLPK-KAc-pT-ESHKAKGK-BZ	P0C0S8, Q7L7L0, P20671, Q6FI13, P04908, Q93077
1595	H2A 111:130 (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-BZ	Q96QV6
1596	H2A 111:130 (H2A.x)	Ac-IQAVLLPKKTSATVGPKAPS-BZ	P16104
1597	H2A 111:130 K130ac (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KAc-BZ	Q96QV6
1598	H2A 111:130 K130me1 (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KMe1-BZ	Q96QV6
1599	H2A 111:130 K130me2 (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KMe2-BZ	Q96QV6
1600	H2A 111:130 K130me3 (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KMe3-BZ	Q96QV6
1601	H2A 111:130 K130but (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KBut-BZ	Q96QV6
1602	H2A 111:130 K130prop (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KProp-BZ	Q96QV6
1603	H2A 111:130 K130mal (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KMal-BZ	Q96QV6
1604	H2A 111:130 K130suc (H2A.1A)	Ac-IQAVLLPKKTESHHKQSK-KSuc-BZ	Q96QV6
1605	H2A 111:130 pS129 (H2A.1A)	Ac-IQAVLLPKKTESHHKQ-pS-K-BZ	Q96QV6
1606	H2A 111:130 K126ac (H2A.1A)	Ac-IQAVLLPKKTESHHH-KAc-AQSK-BZ	Q96QV6
1607	H2A 111:130 K126me1 (H2A.1A)	Ac-IQAVLLPKKTESHHH-KMe1-AQSK-BZ	Q96QV6
1608	H2A 111:130 K126me2 (H2A.1A)	Ac-IQAVLLPKKTESHHH-KMe2-AQSK-BZ	Q96QV6
1609	H2A 111:130 K126me3 (H2A.1A)	Ac-IQAVLLPKKTESHHH-KMe3-AQSK-BZ	Q96QV6
1610	H2A 111:130 K126but (H2A.1A)	Ac-IQAVLLPKKTESHHH-KBut-AQSK-BZ	Q96QV6
1611	H2A 111:130 K126prop (H2A.1A)	Ac-IQAVLLPKKTESHHH-KProp-AQSK-BZ	Q96QV6
1612	H2A 111:130 K126mal (H2A.1A)	Ac-IQAVLLPKKTESHHH-KMal-AQSK-BZ	Q96QV6
1613	H2A 111:130 K126suc (H2A.1A)	Ac-IQAVLLPKKTESHHH-KSuc-AQSK-BZ	Q96QV6
1614	H2A 111:130 pS122 (H2A.1A)	Ac-IQAVLLPKKTE-pS-HHKQSK-BZ	Q96QV6
1615	H2A 111:130 pT120 (H2A.1A)	Ac-IQAVLLPKK-pT-ESHKQSK-BZ	Q96QV6
1616	H2A 111:130 K119ac (H2A.1A)	Ac-IQAVLLPK-KAc-TESHKQSK-BZ	Q96QV6
1617	H2A 111:130 K119me1 (H2A.1A)	Ac-IQAVLLPK-KMe1-TESHKQSK-BZ	Q96QV6
1618	H2A 111:130 K119me2 (H2A.1A)	Ac-IQAVLLPK-KMe2-TESHKQSK-BZ	Q96QV6
1619	H2A 111:130 K119me3 (H2A.1A)	Ac-IQAVLLPK-KMe3-TESHKQSK-BZ	Q96QV6
1620	H2A 111:130 K119but (H2A.1A)	Ac-IQAVLLPK-KBut-TESHKQSK-BZ	Q96QV6
1621	H2A 111:130 K119prop (H2A.1A)	Ac-IQAVLLPK-KProp-TESHKQSK-BZ	Q96QV6
1622	H2A 111:130 K119mal (H2A.1A)	Ac-IQAVLLPK-KMal-TESHKQSK-BZ	Q96QV6
1623	H2A 111:130 K119suc (H2A.1A)	Ac-IQAVLLPK-KSuc-TESHKQSK-BZ	Q96QV6
1624	H2A 111:130 K118ac (H2A.1A)	Ac-IQAVLLP-KAc-KTESHHKQSK-BZ	Q96QV6
1625	H2A 111:130 K118me1 (H2A.1A)	Ac-IQAVLLP-KMe1-KTESHHKQSK-BZ	Q96QV6
1626	H2A 111:130 K118me2 (H2A.1A)	Ac-IQAVLLP-KMe2-KTESHHKQSK-BZ	Q96QV6
1627	H2A 111:130 K118me3 (H2A.1A)	Ac-IQAVLLP-KMe3-KTESHHKQSK-BZ	Q96QV6
1628	H2A 111:130 K118but (H2A.1A)	Ac-IQAVLLP-KBut-KTESHHKQSK-BZ	Q96QV6
1629	H2A 111:130 K118prop (H2A.1A)	Ac-IQAVLLP-KProp-KTESHHKQSK-BZ	Q96QV6
1630	H2A 111:130 K118mal (H2A.1A)	Ac-IQAVLLP-KMal-KTESHHKQSK-BZ	Q96QV6
1631	H2A 111:130 K118suc (H2A.1A)	Ac-IQAVLLP-KSuc-KTESHHKQSK-BZ	Q96QV6
1632	H2A 111:130 pT123 (H2A.x)	Ac-IQAVLLPKKTS-pT-VGPKAPS-BZ	P16104
1633	H2A 111:130 pS121 (H2A.x)	Ac-IQAVLLPKK-pS-ATVGPKAPS-BZ	P16104
1634	H2A 111:130 pT120 (H2A.x)	Ac-IQAVLLPKK-pT-SATVGPKAPS-BZ	P16104



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	Peptide Name	Peptide Sequence	Uniprot
1635	H2A 111:130 K119ac (H2A.x)	Ac-IQAVLLPK-KAc-TSATVGPkAPS-BZ	P16104
1636	H2A 111:130 K119me1 (H2A.x)	Ac-IQAVLLPK-KMe1-TSATVGPkAPS-BZ	P16104
1637	H2A 111:130 K119me2 (H2A.x)	Ac-IQAVLLPK-KMe2-TSATVGPkAPS-BZ	P16104
1638	H2A 111:130 K119me3 (H2A.x)	Ac-IQAVLLPK-KMe3-TSATVGPkAPS-BZ	P16104
1639	H2A 111:130 K119but (H2A.x)	Ac-IQAVLLPK-KBut-TSATVGPkAPS-BZ	P16104
1640	H2A 111:130 K119prop (H2A.x)	Ac-IQAVLLPK-KProp-TSATVGPkAPS-BZ	P16104
1641	H2A 111:130 K119mal (H2A.x)	Ac-IQAVLLPK-KMal-TSATVGPkAPS-BZ	P16104
1642	H2A 111:130 K119suc (H2A.x)	Ac-IQAVLLPK-KSuc-TSATVGPkAPS-BZ	P16104
1643	H2A 111:130 K118ac (H2A.x)	Ac-IQAVLLP-KAc-KTSATVGPkAPS-BZ	P16104
1644	H2A 111:130 K118me1 (H2A.x)	Ac-IQAVLLP-KMe1-KTSATVGPkAPS-BZ	P16104
1645	H2A 111:130 K118me2 (H2A.x)	Ac-IQAVLLP-KMe2-KTSATVGPkAPS-BZ	P16104
1646	H2A 111:130 K118me3 (H2A.x)	Ac-IQAVLLP-KMe3-KTSATVGPkAPS-BZ	P16104
1647	H2A 111:130 K118but (H2A.x)	Ac-IQAVLLP-KBut-KTSATVGPkAPS-BZ	P16104
1648	H2A 111:130 K118prop (H2A.x)	Ac-IQAVLLP-KProp-KTSATVGPkAPS-BZ	P16104
1649	H2A 111:130 K118mal (H2A.x)	Ac-IQAVLLP-KMal-KTSATVGPkAPS-BZ	P16104
1650	H2A 111:130 K118suc (H2A.x)	Ac-IQAVLLP-KSuc-KTSATVGPkAPS-BZ	P16104
1651	H2A 121:140 (H2A.x)	Ac-SATVGPkAPSGGKATQASQ-BZ	P16104
1652	H2A 121:140 K134ac (H2A.x)	Ac-SATVGPkAPSGGK-KAc-ATQASQ-BZ	P16104
1653	H2A 121:140 K134me1 (H2A.x)	Ac-SATVGPkAPSGGK-KMe1-ATQASQ-BZ	P16104
1654	H2A 121:140 K134me2 (H2A.x)	Ac-SATVGPkAPSGGK-KMe2-ATQASQ-BZ	P16104
1655	H2A 121:140 K134me3 (H2A.x)	Ac-SATVGPkAPSGGK-KMe3-ATQASQ-BZ	P16104
1656	H2A 121:140 K134but (H2A.x)	Ac-SATVGPkAPSGGK-KBut-ATQASQ-BZ	P16104
1657	H2A 121:140 K134prop (H2A.x)	Ac-SATVGPkAPSGGK-KProp-ATQASQ-BZ	P16104
1658	H2A 121:140 K134mal (H2A.x)	Ac-SATVGPkAPSGGK-KMal-ATQASQ-BZ	P16104
1659	H2A 121:140 K134suc (H2A.x)	Ac-SATVGPkAPSGGK-KSuc-ATQASQ-BZ	P16104
1660	H2A 121:140 K133ac (H2A.x)	Ac-SATVGPkAPSGG-KAc-KATQASQ-BZ	P16104
1661	H2A 121:140 K133me1 (H2A.x)	Ac-SATVGPkAPSGG-KMe1-KATQASQ-BZ	P16104
1662	H2A 121:140 K133me2 (H2A.x)	Ac-SATVGPkAPSGG-KMe2-KATQASQ-BZ	P16104
1663	H2A 121:140 K133me3 (H2A.x)	Ac-SATVGPkAPSGG-KMe3-KATQASQ-BZ	P16104
1664	H2A 121:140 K133but (H2A.x)	Ac-SATVGPkAPSGG-KBut-KATQASQ-BZ	P16104
1665	H2A 121:140 K133prop (H2A.x)	Ac-SATVGPkAPSGG-KProp-KATQASQ-BZ	P16104
1666	H2A 121:140 K133mal (H2A.x)	Ac-SATVGPkAPSGG-KMal-KATQASQ-BZ	P16104
1667	H2A 121:140 K133suc (H2A.x)	Ac-SATVGPkAPSGG-KSuc-KATQASQ-BZ	P16104
1668	H2A 121:140 pS130 (H2A.x)	Ac-SATVGPkAP-pS-GGKkATQASQ-BZ	P16104
1669	H2A 121:140 K127ac (H2A.x)	Ac-SATVGP-KAc-APSGGkKATQASQ-BZ	P16104
1670	H2A 121:140 K127me1 (H2A.x)	Ac-SATVGP-KMe1-APSGGkKATQASQ-BZ	P16104
1671	H2A 121:140 K127me2 (H2A.x)	Ac-SATVGP-KMe2-APSGGkKATQASQ-BZ	P16104
1672	H2A 121:140 K127me3 (H2A.x)	Ac-SATVGP-KMe3-APSGGkKATQASQ-BZ	P16104
1673	H2A 121:140 K127but (H2A.x)	Ac-SATVGP-KBut-APSGGkKATQASQ-BZ	P16104
1674	H2A 121:140 K127prop (H2A.x)	Ac-SATVGP-KProp-APSGGkKATQASQ-BZ	P16104
1675	H2A 121:140 K127mal (H2A.x)	Ac-SATVGP-KMal-APSGGkKATQASQ-BZ	P16104
1676	H2A 121:140 K127suc (H2A.x)	Ac-SATVGP-KSuc-APSGGkKATQASQ-BZ	P16104
1677	H2A 123:142 (H2A.x)	Ac-TVGPkAPSGGkKATQASQ-EY-BZ	P16104



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	Peptide Name	Peptide Sequence	Uniprot
1678	H2A 123:142 pY142 (H2A.x)	Ac-TVGPKAPSGGKKATQASQE-pY-BZ	P16104
1679	H2A 123:142 pS139 (H2A.x)	Ac-TVGPKAPSGGKKATQA-pS-QEY-BZ	P16104
1680	H2A 123:142 pT136 (H2A.x)	Ac-TVGPKAPSGGKKA-pT-QASQEY-BZ	P16104
1681	H2A 123:142 K134ac (H2A.x)	Ac-TVGPKAPSGGK-KAc-ATQASQEY-BZ	P16104
1682	H2A 123:142 K134me1 (H2A.x)	Ac-TVGPKAPSGGK-KMe1-ATQASQEY-BZ	P16104
1683	H2A 123:142 K134me2 (H2A.x)	Ac-TVGPKAPSGGK-KMe2-ATQASQEY-BZ	P16104
1684	H2A 123:142 K134me3 (H2A.x)	Ac-TVGPKAPSGGK-KMe3-ATQASQEY-BZ	P16104
1685	H2A 123:142 K134but (H2A.x)	Ac-TVGPKAPSGGK-KBut-ATQASQEY-BZ	P16104
1686	H2A 123:142 K134prop (H2A.x)	Ac-TVGPKAPSGGK-KProp-ATQASQEY-BZ	P16104
1687	H2A 123:142 K134ma1 (H2A.x)	Ac-TVGPKAPSGGK-KMa1-ATQASQEY-BZ	P16104
1688	H2A 123:142 K134suc (H2A.x)	Ac-TVGPKAPSGGK-KSuc-ATQASQEY-BZ	P16104
1689	H2A 123:142 K133ac (H2A.x)	Ac-TVGPKAPSGG-KAc-KATQASQEY-BZ	P16104
1690	H2A 123:142 K133me1 (H2A.x)	Ac-TVGPKAPSGG-KMe1-KATQASQEY-BZ	P16104
1691	H2A 123:142 K133me2 (H2A.x)	Ac-TVGPKAPSGG-KMe2-KATQASQEY-BZ	P16104
1692	H2A 123:142 K133me3 (H2A.x)	Ac-TVGPKAPSGG-KMe3-KATQASQEY-BZ	P16104
1693	H2A 123:142 K133but (H2A.x)	Ac-TVGPKAPSGG-KBut-KATQASQEY-BZ	P16104
1694	H2A 123:142 K133prop (H2A.x)	Ac-TVGPKAPSGG-KProp-KATQASQEY-BZ	P16104
1695	H2A 123:142 K133ma1 (H2A.x)	Ac-TVGPKAPSGG-KMa1-KATQASQEY-BZ	P16104
1696	H2A 123:142 K133suc (H2A.x)	Ac-TVGPKAPSGG-KSuc-KATQASQEY-BZ	P16104
1697	H2A 123:142 pS130 (H2A.x)	Ac-TVGPKAP-pS-GGKKATQASQEY-BZ	P16104
1698	H2B 1:20 (H2B.1H\10\2F)	H-PDPAKSAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1699	H2B 1:20 (H2B.1H\10\2F)	Ac-PDPAKSAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1700	H2B 1:20 (H2B.3B)	H-PDPSKSAPAPKKGSKKAVTK-BZ	Q8N257
1701	H2B 1:20 (H2B.3B)	Ac-PDPSKSAPAPKKGSKKAVTK-BZ	Q8N257
1702	H2B 1:20 (H2B.1L)	H-PELAKSAPAPKKGSKKAVTK-BZ	Q99880
1703	H2B 1:20 (H2B.1L)	Ac-PELAKSAPAPKKGSKKAVTK-BZ	Q99880
1704	H2B 1:20 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1705	H2B 1:20 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1706	H2B 1:20 (H2B.1B)	H-PEPSKSAPAPKKGSKKAITK-BZ	P33778
1707	H2B 1:20 (H2B.1B)	Ac-PEPSKSAPAPKKGSKKAITK-BZ	P33778
1708	H2B 1:20 (H2B.1N)	H-PEPSKSAPAPKKGSKKAVTK-BZ	Q99877
1709	H2B 1:20 (H2B.1N)	Ac-PEPSKSAPAPKKGSKKAVTK-BZ	Q99877
1710	H2B 1:20 (H2B.1D)	H-PEPTKSAPAPKKGSKKAVTK-BZ	P58876
1711	H2B 1:20 (H2B.1D)	Ac-PEPTKSAPAPKKGSKKAVTK-BZ	P58876
1712	H2B 1:20 (H2B.1M)	H-PEPVKSAPVPKKGSKKAINK-BZ	Q99879
1713	H2B 1:20 (H2B.1M)	Ac-PEPVKSAPVPKKGSKKAINK-BZ	Q99879
1714	H2B 1:20 (H2B.1A)	H-PEVSSKGATISKKGFKKAVV-BZ	Q96A08
1715	H2B 1:20 (H2B.1A)	Ac-PEVSSKGATISKKGFKKAVV-BZ	Q96A08
1716	H2B 1:20 K5ac (H2B.1H\10\2F)	H-PDPA-KAc-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1717	H2B 1:20 K5ac (H2B.1H\10\2F)	Ac-PDPA-KAc-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1718	H2B 1:20 K5me1 (H2B.1H\10\2F)	H-PDPA-KMe1-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1719	H2B 1:20 K5me1 (H2B.1H\10\2F)	Ac-PDPA-KMe1-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1720	H2B 1:20 K5me2 (H2B.1H\10\2F)	H-PDPA-KMe2-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
1721	H2B 1:20 K5me2 (H2B.1H\10\2F)	Ac-PDPA-KMe2-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1722	H2B 1:20 K5me3 (H2B.1H\10\2F)	H-PDPA-KMe3-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1723	H2B 1:20 K5me3 (H2B.1H\10\2F)	Ac-PDPA-KMe3-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1724	H2B 1:20 K5but (H2B.1H\10\2F)	H-PDPA-KBut-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1725	H2B 1:20 K5but (H2B.1H\10\2F)	Ac-PDPA-KBut-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1726	H2B 1:20 K5prop (H2B.1H\10\2F)	H-PDPA-KProp-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1727	H2B 1:20 K5prop (H2B.1H\10\2F)	Ac-PDPA-KProp-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1728	H2B 1:20 K5mal (H2B.1H\10\2F)	H-PDPA-KMal-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1729	H2B 1:20 K5mal (H2B.1H\10\2F)	Ac-PDPA-KMal-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1730	H2B 1:20 K5suc (H2B.1H\10\2F)	H-PDPA-KSuc-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1731	H2B 1:20 K5suc (H2B.1H\10\2F)	Ac-PDPA-KSuc-SAPAPKKGSKKAVTK-BZ	Q93079, P23527, Q5QNW6
1732	H2B 1:20 K5ac (H2B.3B)	H-PDPS-KAc-SAPAPKKGSKKAVTK-BZ	Q8N257
1733	H2B 1:20 K5ac (H2B.3B)	Ac-PDPS-KAc-SAPAPKKGSKKAVTK-BZ	Q8N257
1734	H2B 1:20 K5me1 (H2B.3B)	H-PDPS-KMe1-SAPAPKKGSKKAVTK-BZ	Q8N257
1735	H2B 1:20 K5me1 (H2B.3B)	Ac-PDPS-KMe1-SAPAPKKGSKKAVTK-BZ	Q8N257
1736	H2B 1:20 K5me2 (H2B.3B)	H-PDPS-KMe2-SAPAPKKGSKKAVTK-BZ	Q8N257
1737	H2B 1:20 K5me2 (H2B.3B)	Ac-PDPS-KMe2-SAPAPKKGSKKAVTK-BZ	Q8N257
1738	H2B 1:20 K5me3 (H2B.3B)	H-PDPS-KMe3-SAPAPKKGSKKAVTK-BZ	Q8N257
1739	H2B 1:20 K5me3 (H2B.3B)	Ac-PDPS-KMe3-SAPAPKKGSKKAVTK-BZ	Q8N257
1740	H2B 1:20 K5but (H2B.3B)	H-PDPS-KBut-SAPAPKKGSKKAVTK-BZ	Q8N257
1741	H2B 1:20 K5but (H2B.3B)	Ac-PDPS-KBut-SAPAPKKGSKKAVTK-BZ	Q8N257
1742	H2B 1:20 K5prop (H2B.3B)	H-PDPS-KProp-SAPAPKKGSKKAVTK-BZ	Q8N257
1743	H2B 1:20 K5prop (H2B.3B)	Ac-PDPS-KProp-SAPAPKKGSKKAVTK-BZ	Q8N257
1744	H2B 1:20 K5mal (H2B.3B)	H-PDPS-KMal-SAPAPKKGSKKAVTK-BZ	Q8N257
1745	H2B 1:20 K5mal (H2B.3B)	Ac-PDPS-KMal-SAPAPKKGSKKAVTK-BZ	Q8N257
1746	H2B 1:20 K5suc (H2B.3B)	H-PDPS-KSuc-SAPAPKKGSKKAVTK-BZ	Q8N257
1747	H2B 1:20 K5suc (H2B.3B)	Ac-PDPS-KSuc-SAPAPKKGSKKAVTK-BZ	Q8N257
1748	H2B 1:20 pS4 (H2B.3B)	H-PDP-pS-KSAPAPKKGSKKAVTK-BZ	Q8N257
1749	H2B 1:20 pS4 (H2B.3B)	Ac-PDP-pS-KSAPAPKKGSKKAVTK-BZ	Q8N257
1750	H2B 1:20 K5ac (H2B.1L)	H-PELA-KAc-SAPAPKKGSKKAVTK-BZ	Q99880
1751	H2B 1:20 K5ac (H2B.1L)	Ac-PELA-KAc-SAPAPKKGSKKAVTK-BZ	Q99880
1752	H2B 1:20 K5me1 (H2B.1L)	H-PELA-KMe1-SAPAPKKGSKKAVTK-BZ	Q99880
1753	H2B 1:20 K5me1 (H2B.1L)	Ac-PELA-KMe1-SAPAPKKGSKKAVTK-BZ	Q99880
1754	H2B 1:20 K5me2 (H2B.1L)	H-PELA-KMe2-SAPAPKKGSKKAVTK-BZ	Q99880
1755	H2B 1:20 K5me2 (H2B.1L)	Ac-PELA-KMe2-SAPAPKKGSKKAVTK-BZ	Q99880
1756	H2B 1:20 K5me3 (H2B.1L)	H-PELA-KMe3-SAPAPKKGSKKAVTK-BZ	Q99880
1757	H2B 1:20 K5me3 (H2B.1L)	Ac-PELA-KMe3-SAPAPKKGSKKAVTK-BZ	Q99880
1758	H2B 1:20 K5but (H2B.1L)	H-PELA-KBut-SAPAPKKGSKKAVTK-BZ	Q99880
1759	H2B 1:20 K5but (H2B.1L)	Ac-PELA-KBut-SAPAPKKGSKKAVTK-BZ	Q99880
1760	H2B 1:20 K5prop (H2B.1L)	H-PELA-KProp-SAPAPKKGSKKAVTK-BZ	Q99880
1761	H2B 1:20 K5prop (H2B.1L)	Ac-PELA-KProp-SAPAPKKGSKKAVTK-BZ	Q99880
1762	H2B 1:20 K5mal (H2B.1L)	H-PELA-KMal-SAPAPKKGSKKAVTK-BZ	Q99880
1763	H2B 1:20 K5mal (H2B.1L)	Ac-PELA-KMal-SAPAPKKGSKKAVTK-BZ	Q99880



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	Peptide Name	Peptide Sequence	Uniprot
1764	H2B 1:20 K5suc (H2B.1L)	H-PELA-KSuc-SAPAPKKGSKKAVTK-BZ	Q99880
1765	H2B 1:20 K5suc (H2B.1L)	Ac-PELA-KSuc-SAPAPKKGSKKAVTK-BZ	Q99880
1766	H2B 1:20 K20ac (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSKKAVT-KAc-BZ	P62807, P57053, P06899, Q16778, O60814
1767	H2B 1:20 K20ac (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSKKAVT-KAc-BZ	P62807, P57053, P06899, Q16778, O60814
1768	H2B 1:20 K16ac (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KAc-AVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1769	H2B 1:20 K16ac (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KAc-AVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1770	H2B 1:20 K15ac (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1771	H2B 1:20 K15ac (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1772	H2B 1:20 K15me1 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KMe1-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1773	H2B 1:20 K15me1 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KMe1-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1774	H2B 1:20 K15me2 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KMe2-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1775	H2B 1:20 K15me2 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KMe2-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1776	H2B 1:20 K15me3 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KMe3-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1777	H2B 1:20 K15me3 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KMe3-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1778	H2B 1:20 K15but (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KBut-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1779	H2B 1:20 K15but (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KBut-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1780	H2B 1:20 K15prop (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KProp-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1781	H2B 1:20 K15prop (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KProp-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1782	H2B 1:20 K15mal (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KMal-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1783	H2B 1:20 K15mal (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KMal-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1784	H2B 1:20 K15suc (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKGSK-KSuc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1785	H2B 1:20 K15suc (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKGSK-KSuc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1786	H2B 1:20 pS14 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPKKG-pS-KKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1787	H2B 1:20 pS14 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPKKG-pS-KKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1788	H2B 1:20 K12ac (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KAc-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1789	H2B 1:20 K12ac (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KAc-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1790	H2B 1:20 K12me1 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KMe1-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1791	H2B 1:20 K12me1 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KMe1-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1792	H2B 1:20 K12me2 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KMe2-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1793	H2B 1:20 K12me2 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KMe2-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1794	H2B 1:20 K12me3 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KMe3-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1795	H2B 1:20 K12me3 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KMe3-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1796	H2B 1:20 K12but (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KBut-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1797	H2B 1:20 K12but (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KBut-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1798	H2B 1:20 K12prop (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KProp-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1799	H2B 1:20 K12prop (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KProp-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1800	H2B 1:20 K12mal (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KMal-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1801	H2B 1:20 K12mal (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KMal-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1802	H2B 1:20 K12suc (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAPK-KSuc-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1803	H2B 1:20 K12suc (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAPK-KSuc-GSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1804	H2B 1:20 K11ac (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KAc-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1805	H2B 1:20 K11ac (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KAc-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1806	H2B 1:20 K11me1 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KMe1-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814



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	Peptide Name	Peptide Sequence	Uniprot
1807	H2B 1:20 K11me1 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KMe1-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1808	H2B 1:20 K11me2 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KMe2-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1809	H2B 1:20 K11me2 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KMe2-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1810	H2B 1:20 K11me3 (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KMe3-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1811	H2B 1:20 K11me3 (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KMe3-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1812	H2B 1:20 K11but (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KBut-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1813	H2B 1:20 K11but (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KBut-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1814	H2B 1:20 K11prop (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KProp-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1815	H2B 1:20 K11prop (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KProp-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1816	H2B 1:20 K11mal (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KMal-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1817	H2B 1:20 K11mal (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KMal-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1818	H2B 1:20 K11suc (H2B.1\1J\1K\2E\FS)	H-PEPAKSAPAP-KSuc-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1819	H2B 1:20 K11suc (H2B.1\1J\1K\2E\FS)	Ac-PEPAKSAPAP-KSuc-KGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1820	H2B 1:20 pS6 (H2B.1\1J\1K\2E\FS)	H-PEPAK-pS-APAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1821	H2B 1:20 pS6 (H2B.1\1J\1K\2E\FS)	Ac-PEPAK-pS-APAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1822	H2B 1:20 K5ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1823	H2B 1:20 K5ac (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KAc-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1824	H2B 1:20 K5me1 (H2B.1\1J\1K\2E\FS)	H-PEPA-KMe1-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1825	H2B 1:20 K5me1 (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KMe1-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1826	H2B 1:20 K5me2 (H2B.1\1J\1K\2E\FS)	H-PEPA-KMe2-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1827	H2B 1:20 K5me2 (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KMe2-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1828	H2B 1:20 K5me3 (H2B.1\1J\1K\2E\FS)	H-PEPA-KMe3-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1829	H2B 1:20 K5me3 (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KMe3-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1830	H2B 1:20 K5but (H2B.1\1J\1K\2E\FS)	H-PEPA-KBut-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1831	H2B 1:20 K5but (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KBut-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1832	H2B 1:20 K5prop (H2B.1\1J\1K\2E\FS)	H-PEPA-KProp-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1833	H2B 1:20 K5prop (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KProp-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1834	H2B 1:20 K5mal (H2B.1\1J\1K\2E\FS)	H-PEPA-KMal-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1835	H2B 1:20 K5mal (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KMal-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1836	H2B 1:20 K5suc (H2B.1\1J\1K\2E\FS)	H-PEPA-KSuc-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1837	H2B 1:20 K5suc (H2B.1\1J\1K\2E\FS)	Ac-PEPA-KSuc-SAPAPKKGSKKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1838	H2B 1:20 K5ac (H2B.1N)	H-PEPS-KAc-SAPAPKKGSKKAVTK-BZ	Q99877
1839	H2B 1:20 K5ac (H2B.1N)	Ac-PEPS-KAc-SAPAPKKGSKKAVTK-BZ	Q99877
1840	H2B 1:20 K5me1 (H2B.1N)	H-PEPS-KMe1-SAPAPKKGSKKAVTK-BZ	Q99877
1841	H2B 1:20 K5me1 (H2B.1N)	Ac-PEPS-KMe1-SAPAPKKGSKKAVTK-BZ	Q99877
1842	H2B 1:20 K5me2 (H2B.1N)	H-PEPS-KMe2-SAPAPKKGSKKAVTK-BZ	Q99877
1843	H2B 1:20 K5me2 (H2B.1N)	Ac-PEPS-KMe2-SAPAPKKGSKKAVTK-BZ	Q99877
1844	H2B 1:20 K5me3 (H2B.1N)	H-PEPS-KMe3-SAPAPKKGSKKAVTK-BZ	Q99877
1845	H2B 1:20 K5me3 (H2B.1N)	Ac-PEPS-KMe3-SAPAPKKGSKKAVTK-BZ	Q99877
1846	H2B 1:20 K5but (H2B.1N)	H-PEPS-KBut-SAPAPKKGSKKAVTK-BZ	Q99877
1847	H2B 1:20 K5but (H2B.1N)	Ac-PEPS-KBut-SAPAPKKGSKKAVTK-BZ	Q99877
1848	H2B 1:20 K5prop (H2B.1N)	H-PEPS-KProp-SAPAPKKGSKKAVTK-BZ	Q99877
1849	H2B 1:20 K5prop (H2B.1N)	Ac-PEPS-KProp-SAPAPKKGSKKAVTK-BZ	Q99877



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
1850	H2B 1:20 K5mal (H2B.1N)	H-PEPS-KMal-SAPAPKKGSKKAVTK-BZ	Q99877
1851	H2B 1:20 K5mal (H2B.1N)	Ac-PEPS-KMal-SAPAPKKGSKKAVTK-BZ	Q99877
1852	H2B 1:20 K5suc (H2B.1N)	H-PEPS-KSuc-SAPAPKKGSKKAVTK-BZ	Q99877
1853	H2B 1:20 K5suc (H2B.1N)	Ac-PEPS-KSuc-SAPAPKKGSKKAVTK-BZ	Q99877
1854	H2B 1:20 pS4 (H2B.1N)	H-PEP-pS-KSAPAPKKGSKKAVTK-BZ	Q99877
1855	H2B 1:20 pS4 (H2B.1N)	Ac-PEP-pS-KSAPAPKKGSKKAVTK-BZ	Q99877
1856	H2B 1:20 K5ac (H2B.1D)	H-PEPT-KAc-SAPAPKKGSKKAVTK-BZ	P58876
1857	H2B 1:20 K5ac (H2B.1D)	Ac-PEPT-KAc-SAPAPKKGSKKAVTK-BZ	P58876
1858	H2B 1:20 K5me1 (H2B.1D)	H-PEPT-KMe1-SAPAPKKGSKKAVTK-BZ	P58876
1859	H2B 1:20 K5me1 (H2B.1D)	Ac-PEPT-KMe1-SAPAPKKGSKKAVTK-BZ	P58876
1860	H2B 1:20 K5me2 (H2B.1D)	H-PEPT-KMe2-SAPAPKKGSKKAVTK-BZ	P58876
1861	H2B 1:20 K5me2 (H2B.1D)	Ac-PEPT-KMe2-SAPAPKKGSKKAVTK-BZ	P58876
1862	H2B 1:20 K5me3 (H2B.1D)	H-PEPT-KMe3-SAPAPKKGSKKAVTK-BZ	P58876
1863	H2B 1:20 K5me3 (H2B.1D)	Ac-PEPT-KMe3-SAPAPKKGSKKAVTK-BZ	P58876
1864	H2B 1:20 K5but (H2B.1D)	H-PEPT-KBut-SAPAPKKGSKKAVTK-BZ	P58876
1865	H2B 1:20 K5but (H2B.1D)	Ac-PEPT-KBut-SAPAPKKGSKKAVTK-BZ	P58876
1866	H2B 1:20 K5prop (H2B.1D)	H-PEPT-KProp-SAPAPKKGSKKAVTK-BZ	P58876
1867	H2B 1:20 K5prop (H2B.1D)	Ac-PEPT-KProp-SAPAPKKGSKKAVTK-BZ	P58876
1868	H2B 1:20 K5mal (H2B.1D)	H-PEPT-KMal-SAPAPKKGSKKAVTK-BZ	P58876
1869	H2B 1:20 K5mal (H2B.1D)	Ac-PEPT-KMal-SAPAPKKGSKKAVTK-BZ	P58876
1870	H2B 1:20 K5suc (H2B.1D)	H-PEPT-KSuc-SAPAPKKGSKKAVTK-BZ	P58876
1871	H2B 1:20 K5suc (H2B.1D)	Ac-PEPT-KSuc-SAPAPKKGSKKAVTK-BZ	P58876
1872	H2B 1:20 pT4 (H2B.1D)	H-PEP-pT-KSAPAPKKGSKKAVTK-BZ	P58876
1873	H2B 1:20 pT4 (H2B.1D)	Ac-PEP-pT-KSAPAPKKGSKKAVTK-BZ	P58876
1874	H2B 1:20 K15ac (H2B.1M)	H-PEPVKSAPVPKKGs-KAc-KAINK-BZ	Q99879
1875	H2B 1:20 K15ac (H2B.1M)	Ac-PEPVKSAPVPKKGs-KAc-KAINK-BZ	Q99879
1876	H2B 1:20 K15me1 (H2B.1M)	H-PEPVKSAPVPKKGs-KMe1-KAINK-BZ	Q99879
1877	H2B 1:20 K15me1 (H2B.1M)	Ac-PEPVKSAPVPKKGs-KMe1-KAINK-BZ	Q99879
1878	H2B 1:20 K15me2 (H2B.1M)	H-PEPVKSAPVPKKGs-KMe2-KAINK-BZ	Q99879
1879	H2B 1:20 K15me2 (H2B.1M)	Ac-PEPVKSAPVPKKGs-KMe2-KAINK-BZ	Q99879
1880	H2B 1:20 K15me3 (H2B.1M)	H-PEPVKSAPVPKKGs-KMe3-KAINK-BZ	Q99879
1881	H2B 1:20 K15me3 (H2B.1M)	Ac-PEPVKSAPVPKKGs-KMe3-KAINK-BZ	Q99879
1882	H2B 1:20 K15but (H2B.1M)	H-PEPVKSAPVPKKGs-KBut-KAINK-BZ	Q99879
1883	H2B 1:20 K15but (H2B.1M)	Ac-PEPVKSAPVPKKGs-KBut-KAINK-BZ	Q99879
1884	H2B 1:20 K15prop (H2B.1M)	H-PEPVKSAPVPKKGs-KProp-KAINK-BZ	Q99879
1885	H2B 1:20 K15prop (H2B.1M)	Ac-PEPVKSAPVPKKGs-KProp-KAINK-BZ	Q99879
1886	H2B 1:20 K15mal (H2B.1M)	H-PEPVKSAPVPKKGs-KMal-KAINK-BZ	Q99879
1887	H2B 1:20 K15mal (H2B.1M)	Ac-PEPVKSAPVPKKGs-KMal-KAINK-BZ	Q99879
1888	H2B 1:20 K15suc (H2B.1M)	H-PEPVKSAPVPKKGs-KSuc-KAINK-BZ	Q99879
1889	H2B 1:20 K15suc (H2B.1M)	Ac-PEPVKSAPVPKKGs-KSuc-KAINK-BZ	Q99879
1890	H2B 1:20 pS14 (H2B.1M)	H-PEPVKSAPVPKKG-pS-KKAINK-BZ	Q99879
1891	H2B 1:20 pS14 (H2B.1M)	Ac-PEPVKSAPVPKKG-pS-KKAINK-BZ	Q99879
1892	H2B 1:20 K12ac (H2B.1M)	H-PEPVKSAPVPK-KAc-GSKKAINK-BZ	Q99879



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
1893	H2B 1:20 K12ac (H2B.1M)	Ac-PEPVKSAPVVK-KAc-GSKKAINK-BZ	Q99879
1894	H2B 1:20 K12me1 (H2B.1M)	H-PEPVKSAPVVK-KMe1-GSKKAINK-BZ	Q99879
1895	H2B 1:20 K12me1 (H2B.1M)	Ac-PEPVKSAPVVK-KMe1-GSKKAINK-BZ	Q99879
1896	H2B 1:20 K12me2 (H2B.1M)	H-PEPVKSAPVVK-KMe2-GSKKAINK-BZ	Q99879
1897	H2B 1:20 K12me2 (H2B.1M)	Ac-PEPVKSAPVVK-KMe2-GSKKAINK-BZ	Q99879
1898	H2B 1:20 K12me3 (H2B.1M)	H-PEPVKSAPVVK-KMe3-GSKKAINK-BZ	Q99879
1899	H2B 1:20 K12me3 (H2B.1M)	Ac-PEPVKSAPVVK-KMe3-GSKKAINK-BZ	Q99879
1900	H2B 1:20 K12but (H2B.1M)	H-PEPVKSAPVVK-KBut-GSKKAINK-BZ	Q99879
1901	H2B 1:20 K12but (H2B.1M)	Ac-PEPVKSAPVVK-KBut-GSKKAINK-BZ	Q99879
1902	H2B 1:20 K12prop (H2B.1M)	H-PEPVKSAPVVK-KProp-GSKKAINK-BZ	Q99879
1903	H2B 1:20 K12prop (H2B.1M)	Ac-PEPVKSAPVVK-KProp-GSKKAINK-BZ	Q99879
1904	H2B 1:20 K12mal (H2B.1M)	H-PEPVKSAPVVK-KMal-GSKKAINK-BZ	Q99879
1905	H2B 1:20 K12mal (H2B.1M)	Ac-PEPVKSAPVVK-KMal-GSKKAINK-BZ	Q99879
1906	H2B 1:20 K12suc (H2B.1M)	H-PEPVKSAPVVK-KSuc-GSKKAINK-BZ	Q99879
1907	H2B 1:20 K12suc (H2B.1M)	Ac-PEPVKSAPVVK-KSuc-GSKKAINK-BZ	Q99879
1908	H2B 1:20 K11ac (H2B.1M)	H-PEPVKSAPVP-KAc-KGSKKAINK-BZ	Q99879
1909	H2B 1:20 K11ac (H2B.1M)	Ac-PEPVKSAPVP-KAc-KGSKKAINK-BZ	Q99879
1910	H2B 1:20 K11me1 (H2B.1M)	H-PEPVKSAPVP-KMe1-KGSKKAINK-BZ	Q99879
1911	H2B 1:20 K11me1 (H2B.1M)	Ac-PEPVKSAPVP-KMe1-KGSKKAINK-BZ	Q99879
1912	H2B 1:20 K11me2 (H2B.1M)	H-PEPVKSAPVP-KMe2-KGSKKAINK-BZ	Q99879
1913	H2B 1:20 K11me2 (H2B.1M)	Ac-PEPVKSAPVP-KMe2-KGSKKAINK-BZ	Q99879
1914	H2B 1:20 K11me3 (H2B.1M)	H-PEPVKSAPVP-KMe3-KGSKKAINK-BZ	Q99879
1915	H2B 1:20 K11me3 (H2B.1M)	Ac-PEPVKSAPVP-KMe3-KGSKKAINK-BZ	Q99879
1916	H2B 1:20 K11but (H2B.1M)	H-PEPVKSAPVP-KBut-KGSKKAINK-BZ	Q99879
1917	H2B 1:20 K11but (H2B.1M)	Ac-PEPVKSAPVP-KBut-KGSKKAINK-BZ	Q99879
1918	H2B 1:20 K11prop (H2B.1M)	H-PEPVKSAPVP-KProp-KGSKKAINK-BZ	Q99879
1919	H2B 1:20 K11prop (H2B.1M)	Ac-PEPVKSAPVP-KProp-KGSKKAINK-BZ	Q99879
1920	H2B 1:20 K11mal (H2B.1M)	H-PEPVKSAPVP-KMal-KGSKKAINK-BZ	Q99879
1921	H2B 1:20 K11mal (H2B.1M)	Ac-PEPVKSAPVP-KMal-KGSKKAINK-BZ	Q99879
1922	H2B 1:20 K11suc (H2B.1M)	H-PEPVKSAPVP-KSuc-KGSKKAINK-BZ	Q99879
1923	H2B 1:20 K11suc (H2B.1M)	Ac-PEPVKSAPVP-KSuc-KGSKKAINK-BZ	Q99879
1924	H2B 1:20 pS6 (H2B.1M)	H-PEPVK-pS-APVPKKGSKKAINK-BZ	Q99879
1925	H2B 1:20 pS6 (H2B.1M)	Ac-PEPVK-pS-APVPKKGSKKAINK-BZ	Q99879
1926	H2B 1:20 K5ac (H2B.1M)	H-PEPV-KAc-SAPVPKKGSKKAINK-BZ	Q99879
1927	H2B 1:20 K5ac (H2B.1M)	Ac-PEPV-KAc-SAPVPKKGSKKAINK-BZ	Q99879
1928	H2B 1:20 K5me1 (H2B.1M)	H-PEPV-KMe1-SAPVPKKGSKKAINK-BZ	Q99879
1929	H2B 1:20 K5me1 (H2B.1M)	Ac-PEPV-KMe1-SAPVPKKGSKKAINK-BZ	Q99879
1930	H2B 1:20 K5me2 (H2B.1M)	H-PEPV-KMe2-SAPVPKKGSKKAINK-BZ	Q99879
1931	H2B 1:20 K5me2 (H2B.1M)	Ac-PEPV-KMe2-SAPVPKKGSKKAINK-BZ	Q99879
1932	H2B 1:20 K5me3 (H2B.1M)	H-PEPV-KMe3-SAPVPKKGSKKAINK-BZ	Q99879
1933	H2B 1:20 K5me3 (H2B.1M)	Ac-PEPV-KMe3-SAPVPKKGSKKAINK-BZ	Q99879
1934	H2B 1:20 K5but (H2B.1M)	H-PEPV-KBut-SAPVPKKGSKKAINK-BZ	Q99879
1935	H2B 1:20 K5but (H2B.1M)	Ac-PEPV-KBut-SAPVPKKGSKKAINK-BZ	Q99879



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	Peptide Name	Peptide Sequence	Uniprot
1936	H2B 1:20 K5prop (H2B.1M)	H-PEPV-KProp-SAPVPKKGSKKAINK-BZ	Q99879
1937	H2B 1:20 K5prop (H2B.1M)	Ac-PEPV-KProp-SAPVPKKGSKKAINK-BZ	Q99879
1938	H2B 1:20 K5mal (H2B.1M)	H-PEPV-KMal-SAPVPKKGSKKAINK-BZ	Q99879
1939	H2B 1:20 K5mal (H2B.1M)	Ac-PEPV-KMal-SAPVPKKGSKKAINK-BZ	Q99879
1940	H2B 1:20 K5suc (H2B.1M)	H-PEPV-KSuc-SAPVPKKGSKKAINK-BZ	Q99879
1941	H2B 1:20 K5suc (H2B.1M)	Ac-PEPV-KSuc-SAPVPKKGSKKAINK-BZ	Q99879
1942	H2B 1:20 K13ac (H2B.1A)	H-PEVSSKGATISK-KAc-GFKKAVV-BZ	Q96A08
1943	H2B 1:20 K13ac (H2B.1A)	Ac-PEVSSKGATISK-KAc-GFKKAVV-BZ	Q96A08
1944	H2B 1:20 K13me1 (H2B.1A)	H-PEVSSKGATISK-KMe1-GFKKAVV-BZ	Q96A08
1945	H2B 1:20 K13me1 (H2B.1A)	Ac-PEVSSKGATISK-KMe1-GFKKAVV-BZ	Q96A08
1946	H2B 1:20 K13me2 (H2B.1A)	H-PEVSSKGATISK-KMe2-GFKKAVV-BZ	Q96A08
1947	H2B 1:20 K13me2 (H2B.1A)	Ac-PEVSSKGATISK-KMe2-GFKKAVV-BZ	Q96A08
1948	H2B 1:20 K13me3 (H2B.1A)	H-PEVSSKGATISK-KMe3-GFKKAVV-BZ	Q96A08
1949	H2B 1:20 K13me3 (H2B.1A)	Ac-PEVSSKGATISK-KMe3-GFKKAVV-BZ	Q96A08
1950	H2B 1:20 K13but (H2B.1A)	H-PEVSSKGATISK-KBut-GFKKAVV-BZ	Q96A08
1951	H2B 1:20 K13but (H2B.1A)	Ac-PEVSSKGATISK-KBut-GFKKAVV-BZ	Q96A08
1952	H2B 1:20 K13prop (H2B.1A)	H-PEVSSKGATISK-KProp-GFKKAVV-BZ	Q96A08
1953	H2B 1:20 K13prop (H2B.1A)	Ac-PEVSSKGATISK-KProp-GFKKAVV-BZ	Q96A08
1954	H2B 1:20 K13mal (H2B.1A)	H-PEVSSKGATISK-KMal-GFKKAVV-BZ	Q96A08
1955	H2B 1:20 K13mal (H2B.1A)	Ac-PEVSSKGATISK-KMal-GFKKAVV-BZ	Q96A08
1956	H2B 1:20 K13suc (H2B.1A)	H-PEVSSKGATISK-KSuc-GFKKAVV-BZ	Q96A08
1957	H2B 1:20 K13suc (H2B.1A)	Ac-PEVSSKGATISK-KSuc-GFKKAVV-BZ	Q96A08
1958	H2B 1:20 K12ac (H2B.1A)	H-PEVSSKGATISK-KAc-KGFKKAVV-BZ	Q96A08
1959	H2B 1:20 K12ac (H2B.1A)	Ac-PEVSSKGATISK-KAc-KGFKKAVV-BZ	Q96A08
1960	H2B 1:20 K12me1 (H2B.1A)	H-PEVSSKGATISK-KMe1-KGFKKAVV-BZ	Q96A08
1961	H2B 1:20 K12me1 (H2B.1A)	Ac-PEVSSKGATISK-KMe1-KGFKKAVV-BZ	Q96A08
1962	H2B 1:20 K12me2 (H2B.1A)	H-PEVSSKGATISK-KMe2-KGFKKAVV-BZ	Q96A08
1963	H2B 1:20 K12me2 (H2B.1A)	Ac-PEVSSKGATISK-KMe2-KGFKKAVV-BZ	Q96A08
1964	H2B 1:20 K12me3 (H2B.1A)	H-PEVSSKGATISK-KMe3-KGFKKAVV-BZ	Q96A08
1965	H2B 1:20 K12me3 (H2B.1A)	Ac-PEVSSKGATISK-KMe3-KGFKKAVV-BZ	Q96A08
1966	H2B 1:20 K12but (H2B.1A)	H-PEVSSKGATISK-KBut-KGFKKAVV-BZ	Q96A08
1967	H2B 1:20 K12but (H2B.1A)	Ac-PEVSSKGATISK-KBut-KGFKKAVV-BZ	Q96A08
1968	H2B 1:20 K12prop (H2B.1A)	H-PEVSSKGATISK-KProp-KGFKKAVV-BZ	Q96A08
1969	H2B 1:20 K12prop (H2B.1A)	Ac-PEVSSKGATISK-KProp-KGFKKAVV-BZ	Q96A08
1970	H2B 1:20 K12mal (H2B.1A)	H-PEVSSKGATISK-KMal-KGFKKAVV-BZ	Q96A08
1971	H2B 1:20 K12mal (H2B.1A)	Ac-PEVSSKGATISK-KMal-KGFKKAVV-BZ	Q96A08
1972	H2B 1:20 K12suc (H2B.1A)	H-PEVSSKGATISK-KSuc-KGFKKAVV-BZ	Q96A08
1973	H2B 1:20 K12suc (H2B.1A)	Ac-PEVSSKGATISK-KSuc-KGFKKAVV-BZ	Q96A08
1974	H2B 1:20 pS11 (H2B.1A)	H-PEVSSKGATISK-pS-KKGFKKAVV-BZ	Q96A08
1975	H2B 1:20 pS11 (H2B.1A)	Ac-PEVSSKGATISK-pS-KKGFKKAVV-BZ	Q96A08
1976	H2B 1:20 pT9 (H2B.1A)	H-PEVSSKGA-pT-ISKKGFKKAVV-BZ	Q96A08
1977	H2B 1:20 pT9 (H2B.1A)	Ac-PEVSSKGA-pT-ISKKGFKKAVV-BZ	Q96A08
1978	H2B 1:20 K6ac (H2B.1A)	H-PEVSS-KAc-GATISKKGFKKAVV-BZ	Q96A08



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	Peptide Name	Peptide Sequence	Uniprot
1979	H2B 1:20 K6ac (H2B.1A)	Ac-PEVSS-KAc-GATISKKGFKKAVV-BZ	Q96A08
1980	H2B 1:20 K6me1 (H2B.1A)	H-PEVSS-KMe1-GATISKKGFKKAVV-BZ	Q96A08
1981	H2B 1:20 K6me1 (H2B.1A)	Ac-PEVSS-KMe1-GATISKKGFKKAVV-BZ	Q96A08
1982	H2B 1:20 K6me2 (H2B.1A)	H-PEVSS-KMe2-GATISKKGFKKAVV-BZ	Q96A08
1983	H2B 1:20 K6me2 (H2B.1A)	Ac-PEVSS-KMe2-GATISKKGFKKAVV-BZ	Q96A08
1984	H2B 1:20 K6me3 (H2B.1A)	H-PEVSS-KMe3-GATISKKGFKKAVV-BZ	Q96A08
1985	H2B 1:20 K6me3 (H2B.1A)	Ac-PEVSS-KMe3-GATISKKGFKKAVV-BZ	Q96A08
1986	H2B 1:20 K6but (H2B.1A)	H-PEVSS-KBut-GATISKKGFKKAVV-BZ	Q96A08
1987	H2B 1:20 K6but (H2B.1A)	Ac-PEVSS-KBut-GATISKKGFKKAVV-BZ	Q96A08
1988	H2B 1:20 K6prop (H2B.1A)	H-PEVSS-KProp-GATISKKGFKKAVV-BZ	Q96A08
1989	H2B 1:20 K6prop (H2B.1A)	Ac-PEVSS-KProp-GATISKKGFKKAVV-BZ	Q96A08
1990	H2B 1:20 K6mal (H2B.1A)	H-PEVSS-KMal-GATISKKGFKKAVV-BZ	Q96A08
1991	H2B 1:20 K6mal (H2B.1A)	Ac-PEVSS-KMal-GATISKKGFKKAVV-BZ	Q96A08
1992	H2B 1:20 K6suc (H2B.1A)	H-PEVSS-KSuc-GATISKKGFKKAVV-BZ	Q96A08
1993	H2B 1:20 K6suc (H2B.1A)	Ac-PEVSS-KSuc-GATISKKGFKKAVV-BZ	Q96A08
1994	H2B 1:20 pS5 (H2B.1A)	H-PEVS-pS-KGATISKKGFKKAVV-BZ	Q96A08
1995	H2B 1:20 pS5 (H2B.1A)	Ac-PEVS-pS-KGATISKKGFKKAVV-BZ	Q96A08
1996	H2B 1:20 pS4 (H2B.1A)	H-PEV-pS-SKGATISKKGFKKAVV-BZ	Q96A08
1997	H2B 1:20 pS4 (H2B.1A)	Ac-PEV-pS-SKGATISKKGFKKAVV-BZ	Q96A08
1998	H2B 1:20 pS14 K15ac (H2B.1\1J\1K\2E\FS)	H-PEPAKAPAPKKG-pS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
1999	H2B 1:20 K12ac K15ac (H2B.1\1J\1K\2E\FS)	H-PEPAKAPAPK-KAc-GS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2000	H2B 1:20 K12ac pS14 (H2B.1\1J\1K\2E\FS)	H-PEPAKAPAPK-KAc-G-pS-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2001	H2B 1:20 K5ac K15ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPKKG-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2002	H2B 1:20 K5ac pS14 (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPKKG-pS-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2003	H2B 1:20 K5ac K12ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPK-KAc-GSKAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2004	H2B 1:20 K12ac pS14 K15ac (H2B.1\1J\1K\2E\FS)	H-PEPAKAPAPK-KAc-G-pS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2005	H2B 1:20 K5ac pS14 K15ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPKKG-pS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2006	H2B 1:20 K5ac K12ac K15ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPK-KAc-GS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2007	H2B 1:20 K5ac K12ac pS14 (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPK-KAc-G-pS-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2008	H2B 1:20 K5ac K12ac pS14 K15ac (H2B.1\1J\1K\2E\FS)	H-PEPA-KAc-SAPAPK-KAc-G-pS-KAc-KAVTK-BZ	P62807, P57053, P06899, Q16778, O60814
2009	H2B 11:30 (H2B.1A)	Ac-SKKGPKKAVVKTQK-KEGKKR-BZ	Q96A08
2010	H2B 11:30 K25ac (H2B.1A)	Ac-SKKGPKKAVVKTQK-KAc-EGKKR-BZ	Q96A08
2011	H2B 11:30 K25me1 (H2B.1A)	Ac-SKKGPKKAVVKTQK-KMe1-EGKKR-BZ	Q96A08
2012	H2B 11:30 K25me2 (H2B.1A)	Ac-SKKGPKKAVVKTQK-KMe2-EGKKR-BZ	Q96A08
2013	H2B 11:30 K25me3 (H2B.1A)	Ac-SKKGPKKAVVKTQK-KMe3-EGKKR-BZ	Q96A08
2014	H2B 11:30 K25but (H2B.1A)	Ac-SKKGPKKAVVKTQK-KBut-EGKKR-BZ	Q96A08
2015	H2B 11:30 K25prop (H2B.1A)	Ac-SKKGPKKAVVKTQK-KProp-EGKKR-BZ	Q96A08
2016	H2B 11:30 K25mal (H2B.1A)	Ac-SKKGPKKAVVKTQK-KMal-EGKKR-BZ	Q96A08
2017	H2B 11:30 K25suc (H2B.1A)	Ac-SKKGPKKAVVKTQK-KSuc-EGKKR-BZ	Q96A08
2018	H2B 11:30 K24ac (H2B.1A)	Ac-SKKGPKKAVVKTQ-KAc-KEGKKR-BZ	Q96A08
2019	H2B 11:30 K24me1 (H2B.1A)	Ac-SKKGPKKAVVKTQ-KMe1-KEGKKR-BZ	Q96A08
2020	H2B 11:30 K24me2 (H2B.1A)	Ac-SKKGPKKAVVKTQ-KMe2-KEGKKR-BZ	Q96A08
2021	H2B 11:30 K24me3 (H2B.1A)	Ac-SKKGPKKAVVKTQ-KMe3-KEGKKR-BZ	Q96A08



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	Peptide Name	Peptide Sequence	Uniprot
2022	H2B 11:30 K24but (H2B.1A)	Ac-SKKGFKKAVVKTQ-KBut-KEGKKR-BZ	Q96A08
2023	H2B 11:30 K24prop (H2B.1A)	Ac-SKKGFKKAVVKTQ-KProp-KEGKKR-BZ	Q96A08
2024	H2B 11:30 K24mal (H2B.1A)	Ac-SKKGFKKAVVKTQ-KMal-KEGKKR-BZ	Q96A08
2025	H2B 11:30 K24suc (H2B.1A)	Ac-SKKGFKKAVVKTQ-KSuc-KEGKKR-BZ	Q96A08
2026	H2B 11:30 pT22 (H2B.1A)	Ac-SKKGFKKAVVK-pT-QKKEGKKR-BZ	Q96A08
2027	H2B 11:30 K21ac (H2B.1A)	Ac-SKKGFKKAVV-KAc-TQKKEGKKR-BZ	Q96A08
2028	H2B 11:30 K21me1 (H2B.1A)	Ac-SKKGFKKAVV-KMe1-TQKKEGKKR-BZ	Q96A08
2029	H2B 11:30 K21me2 (H2B.1A)	Ac-SKKGFKKAVV-KMe2-TQKKEGKKR-BZ	Q96A08
2030	H2B 11:30 K21me3 (H2B.1A)	Ac-SKKGFKKAVV-KMe3-TQKKEGKKR-BZ	Q96A08
2031	H2B 11:30 K21but (H2B.1A)	Ac-SKKGFKKAVV-KBut-TQKKEGKKR-BZ	Q96A08
2032	H2B 11:30 K21prop (H2B.1A)	Ac-SKKGFKKAVV-KProp-TQKKEGKKR-BZ	Q96A08
2033	H2B 11:30 K21mal (H2B.1A)	Ac-SKKGFKKAVV-KMal-TQKKEGKKR-BZ	Q96A08
2034	H2B 11:30 K21suc (H2B.1A)	Ac-SKKGFKKAVV-KSuc-TQKKEGKKR-BZ	Q96A08
2035	H2B 11:30 K17ac (H2B.1A)	Ac-SKKGFK-KAc-AVVKTQKKEGKKR-BZ	Q96A08
2036	H2B 11:30 K17me1 (H2B.1A)	Ac-SKKGFK-KMe1-AVVKTQKKEGKKR-BZ	Q96A08
2037	H2B 11:30 K17me2 (H2B.1A)	Ac-SKKGFK-KMe2-AVVKTQKKEGKKR-BZ	Q96A08
2038	H2B 11:30 K17me3 (H2B.1A)	Ac-SKKGFK-KMe3-AVVKTQKKEGKKR-BZ	Q96A08
2039	H2B 11:30 K17but (H2B.1A)	Ac-SKKGFK-KBut-AVVKTQKKEGKKR-BZ	Q96A08
2040	H2B 11:30 K17prop (H2B.1A)	Ac-SKKGFK-KProp-AVVKTQKKEGKKR-BZ	Q96A08
2041	H2B 11:30 K17mal (H2B.1A)	Ac-SKKGFK-KMal-AVVKTQKKEGKKR-BZ	Q96A08
2042	H2B 11:30 K17suc (H2B.1A)	Ac-SKKGFK-KSuc-AVVKTQKKEGKKR-BZ	Q96A08
2043	H2B 11:30 K16ac (H2B.1A)	Ac-SKGGF-KAc-KAVVKTQKKEGKKR-BZ	Q96A08
2044	H2B 11:30 K16me1 (H2B.1A)	Ac-SKGGF-KMe1-KAVVKTQKKEGKKR-BZ	Q96A08
2045	H2B 11:30 K16me2 (H2B.1A)	Ac-SKGGF-KMe2-KAVVKTQKKEGKKR-BZ	Q96A08
2046	H2B 11:30 K16me3 (H2B.1A)	Ac-SKGGF-KMe3-KAVVKTQKKEGKKR-BZ	Q96A08
2047	H2B 11:30 K16but (H2B.1A)	Ac-SKGGF-KBut-KAVVKTQKKEGKKR-BZ	Q96A08
2048	H2B 11:30 K16prop (H2B.1A)	Ac-SKGGF-KProp-KAVVKTQKKEGKKR-BZ	Q96A08
2049	H2B 11:30 K16mal (H2B.1A)	Ac-SKGGF-KMal-KAVVKTQKKEGKKR-BZ	Q96A08
2050	H2B 11:30 K16suc (H2B.1A)	Ac-SKGGF-KSuc-KAVVKTQKKEGKKR-BZ	Q96A08
2051	H2B 11:30 (H2B.1M)	Ac-KKGSKKAINKAQKKGKRRK-BZ	Q99879
2052	H2B 11:30 (H2B.1B)	Ac-KKGSKKAITKAQKKGKRRK-BZ	P33778
2053	H2B 11:30 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAIVTKAQKKGKRRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2054	H2B 11:30 (H2B.FS)	Ac-KKGSKKAIVTKAQKKGKRRK-BZ	P57053
2055	H2B 11:30 (H2B.2F)	Ac-KKGSKKAIVTKVQKKGKRRK-BZ	Q5QNW6
2056	H2B 11:30 K24ac (H2B.1M)	Ac-KKGSKKAINKAQK-KAc-DGKRRK-BZ	Q99879
2057	H2B 11:30 K24me1 (H2B.1M)	Ac-KKGSKKAINKAQK-KMe1-DGKRRK-BZ	Q99879
2058	H2B 11:30 K24me2 (H2B.1M)	Ac-KKGSKKAINKAQK-KMe2-DGKRRK-BZ	Q99879
2059	H2B 11:30 K24me3 (H2B.1M)	Ac-KKGSKKAINKAQK-KMe3-DGKRRK-BZ	Q99879
2060	H2B 11:30 K24but (H2B.1M)	Ac-KKGSKKAINKAQK-KBut-DGKRRK-BZ	Q99879
2061	H2B 11:30 K24prop (H2B.1M)	Ac-KKGSKKAINKAQK-KProp-DGKRRK-BZ	Q99879
2062	H2B 11:30 K24mal (H2B.1M)	Ac-KKGSKKAINKAQK-KMal-DGKRRK-BZ	Q99879
2063	H2B 11:30 K24suc (H2B.1M)	Ac-KKGSKKAINKAQK-KSuc-DGKRRK-BZ	Q99879



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	Peptide Name	Peptide Sequence	Uniprot
2064	H2B 11:30 K23ac (H2B.1M)	Ac-KKGSKKAINKAQ-KAc-KDGKKRK-BZ	Q99879
2065	H2B 11:30 K23me1 (H2B.1M)	Ac-KKGSKKAINKAQ-KMe1-KDGKKRK-BZ	Q99879
2066	H2B 11:30 K23me2 (H2B.1M)	Ac-KKGSKKAINKAQ-KMe2-KDGKKRK-BZ	Q99879
2067	H2B 11:30 K23me3 (H2B.1M)	Ac-KKGSKKAINKAQ-KMe3-KDGKKRK-BZ	Q99879
2068	H2B 11:30 K23but (H2B.1M)	Ac-KKGSKKAINKAQ-KBut-KDGKKRK-BZ	Q99879
2069	H2B 11:30 K23prop (H2B.1M)	Ac-KKGSKKAINKAQ-KProp-KDGKKRK-BZ	Q99879
2070	H2B 11:30 K23mal (H2B.1M)	Ac-KKGSKKAINKAQ-KMal-KDGKKRK-BZ	Q99879
2071	H2B 11:30 K23suc (H2B.1M)	Ac-KKGSKKAINKAQ-KSuc-KDGKKRK-BZ	Q99879
2072	H2B 11:30 K20ac (H2B.1M)	Ac-KKGSKKAINK-KAc-AQKKGKRRK-BZ	Q99879
2073	H2B 11:30 K20me1 (H2B.1M)	Ac-KKGSKKAINK-KMe1-AQKKGKRRK-BZ	Q99879
2074	H2B 11:30 K20me2 (H2B.1M)	Ac-KKGSKKAINK-KMe2-AQKKGKRRK-BZ	Q99879
2075	H2B 11:30 K20me3 (H2B.1M)	Ac-KKGSKKAINK-KMe3-AQKKGKRRK-BZ	Q99879
2076	H2B 11:30 K20but (H2B.1M)	Ac-KKGSKKAINK-KBut-AQKKGKRRK-BZ	Q99879
2077	H2B 11:30 K20prop (H2B.1M)	Ac-KKGSKKAINK-KProp-AQKKGKRRK-BZ	Q99879
2078	H2B 11:30 K20mal (H2B.1M)	Ac-KKGSKKAINK-KMal-AQKKGKRRK-BZ	Q99879
2079	H2B 11:30 K20suc (H2B.1M)	Ac-KKGSKKAINK-KSuc-AQKKGKRRK-BZ	Q99879
2080	H2B 11:30 K16ac (H2B.1M)	Ac-KKGSK-KAc-AINKAQKKGKRRK-BZ	Q99879
2081	H2B 11:30 K16me1 (H2B.1M)	Ac-KKGSK-KMe1-AINKAQKKGKRRK-BZ	Q99879
2082	H2B 11:30 K16me2 (H2B.1M)	Ac-KKGSK-KMe2-AINKAQKKGKRRK-BZ	Q99879
2083	H2B 11:30 K16me3 (H2B.1M)	Ac-KKGSK-KMe3-AINKAQKKGKRRK-BZ	Q99879
2084	H2B 11:30 K16but (H2B.1M)	Ac-KKGSK-KBut-AINKAQKKGKRRK-BZ	Q99879
2085	H2B 11:30 K16prop (H2B.1M)	Ac-KKGSK-KProp-AINKAQKKGKRRK-BZ	Q99879
2086	H2B 11:30 K16mal (H2B.1M)	Ac-KKGSK-KMal-AINKAQKKGKRRK-BZ	Q99879
2087	H2B 11:30 K16suc (H2B.1M)	Ac-KKGSK-KSuc-AINKAQKKGKRRK-BZ	Q99879
2088	H2B 11:30 K24ac (H2B.1B)	Ac-KKGSKKAITKAQK-KAc-DGKKRK-BZ	P33778
2089	H2B 11:30 K24me1 (H2B.1B)	Ac-KKGSKKAITKAQK-KMe1-DGKKRK-BZ	P33778
2090	H2B 11:30 K24me2 (H2B.1B)	Ac-KKGSKKAITKAQK-KMe2-DGKKRK-BZ	P33778
2091	H2B 11:30 K24me3 (H2B.1B)	Ac-KKGSKKAITKAQK-KMe3-DGKKRK-BZ	P33778
2092	H2B 11:30 K24but (H2B.1B)	Ac-KKGSKKAITKAQK-KBut-DGKKRK-BZ	P33778
2093	H2B 11:30 K24prop (H2B.1B)	Ac-KKGSKKAITKAQK-KProp-DGKKRK-BZ	P33778
2094	H2B 11:30 K24mal (H2B.1B)	Ac-KKGSKKAITKAQK-KMal-DGKKRK-BZ	P33778
2095	H2B 11:30 K24suc (H2B.1B)	Ac-KKGSKKAITKAQK-KSuc-DGKKRK-BZ	P33778
2096	H2B 11:30 K23ac (H2B.1B)	Ac-KKGSKKAITKAQ-KAc-KDGKKRK-BZ	P33778
2097	H2B 11:30 K23me1 (H2B.1B)	Ac-KKGSKKAITKAQ-KMe1-KDGKKRK-BZ	P33778
2098	H2B 11:30 K23me2 (H2B.1B)	Ac-KKGSKKAITKAQ-KMe2-KDGKKRK-BZ	P33778
2099	H2B 11:30 K23me3 (H2B.1B)	Ac-KKGSKKAITKAQ-KMe3-KDGKKRK-BZ	P33778
2100	H2B 11:30 K23but (H2B.1B)	Ac-KKGSKKAITKAQ-KBut-KDGKKRK-BZ	P33778
2101	H2B 11:30 K23prop (H2B.1B)	Ac-KKGSKKAITKAQ-KProp-KDGKKRK-BZ	P33778
2102	H2B 11:30 K23mal (H2B.1B)	Ac-KKGSKKAITKAQ-KMal-KDGKKRK-BZ	P33778
2103	H2B 11:30 K23suc (H2B.1B)	Ac-KKGSKKAITKAQ-KSuc-KDGKKRK-BZ	P33778
2104	H2B 11:30 K20ac (H2B.1B)	Ac-KKGSKKAIT-KAc-AQKKGKRRK-BZ	P33778
2105	H2B 11:30 K20me1 (H2B.1B)	Ac-KKGSKKAIT-KMe1-AQKKGKRRK-BZ	P33778
2106	H2B 11:30 K20me2 (H2B.1B)	Ac-KKGSKKAIT-KMe2-AQKKGKRRK-BZ	P33778



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	Peptide Name	Peptide Sequence	Uniprot
2107	H2B 11:30 K20me3 (H2B.1B)	Ac-KKGSKKAIT-KMe3-AQKKDGKKRK-BZ	P33778
2108	H2B 11:30 K20but (H2B.1B)	Ac-KKGSKKAIT-KBut-AQKKDGKKRK-BZ	P33778
2109	H2B 11:30 K20prop (H2B.1B)	Ac-KKGSKKAIT-KProp-AQKKDGKKRK-BZ	P33778
2110	H2B 11:30 K20mal (H2B.1B)	Ac-KKGSKKAIT-KMal-AQKKDGKKRK-BZ	P33778
2111	H2B 11:30 K20suc (H2B.1B)	Ac-KKGSKKAIT-KSuc-AQKKDGKKRK-BZ	P33778
2112	H2B 11:30 pT19 (H2B.1B)	Ac-KKGSKKAI-pT-KAQQKDGKKRK-BZ	P33778
2113	H2B 11:30 K16ac (H2B.1B)	Ac-KKGSK-KAc-AITKAQKKDGKKRK-BZ	P33778
2114	H2B 11:30 K16me1 (H2B.1B)	Ac-KKGSK-KMe1-AITKAQKKDGKKRK-BZ	P33778
2115	H2B 11:30 K16me2 (H2B.1B)	Ac-KKGSK-KMe2-AITKAQKKDGKKRK-BZ	P33778
2116	H2B 11:30 K16me3 (H2B.1B)	Ac-KKGSK-KMe3-AITKAQKKDGKKRK-BZ	P33778
2117	H2B 11:30 K16but (H2B.1B)	Ac-KKGSK-KBut-AITKAQKKDGKKRK-BZ	P33778
2118	H2B 11:30 K16prop (H2B.1B)	Ac-KKGSK-KProp-AITKAQKKDGKKRK-BZ	P33778
2119	H2B 11:30 K16mal (H2B.1B)	Ac-KKGSK-KMal-AITKAQKKDGKKRK-BZ	P33778
2120	H2B 11:30 K16suc (H2B.1B)	Ac-KKGSK-KSuc-AITKAQKKDGKKRK-BZ	P33778
2121	H2B 11:30 K24ac (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KAc-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2122	H2B 11:30 K24me1 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KMe1-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2123	H2B 11:30 K24me2 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KMe2-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2124	H2B 11:30 K24me3 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KMe3-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2125	H2B 11:30 K24but (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KBut-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2126	H2B 11:30 K24prop (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KProp-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2127	H2B 11:30 K24mal (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KMal-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2128	H2B 11:30 K24suc (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQK-KSuc-DGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2129	H2B 11:30 K23ac (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KAc-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2130	H2B 11:30 K23me1 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KMe1-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2131	H2B 11:30 K23me2 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KMe2-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2132	H2B 11:30 K23me3 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KMe3-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2133	H2B 11:30 K23but (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KBut-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2134	H2B 11:30 K23prop (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKAHTKAQ-KProp-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2135	H2B 11:30 K23mal (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKAQ-KMal-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2136	H2B 11:30 K23suc (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKAQ-KSuc-KDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2137	H2B 11:30 K20ac (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2138	H2B 11:30 K20me1 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KMe1-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2139	H2B 11:30 K20me2 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KMe2-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2140	H2B 11:30 K20me3 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KMe3-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2141	H2B 11:30 K20but (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KBut-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2142	H2B 11:30 K20prop (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KProp-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2143	H2B 11:30 K20mal (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KMal-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2144	H2B 11:30 K20suc (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA VTKA C-KSuc-AQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2145	H2B 11:30 pT19 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSKKA V-pT-KAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2146	H2B 11:30 K16ac (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KA C-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2147	H2B 11:30 K16me1 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KMe1-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2148	H2B 11:30 K16me2 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KMe2-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2149	H2B 11:30 K16me3 (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KMe3-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2150	H2B 11:30 K16but (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KBut-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2151	H2B 11:30 K16prop (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KProp-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2152	H2B 11:30 K16mal (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KMal-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2153	H2B 11:30 K16suc (H2B.1\1D\1H\1J\1K\1L\1N\1O\2E\3B)	Ac-KKGSK-KSuc-AVTKAQKKDGKKRK-BZ	P62807, Q99880, Q93079, Q99877, P06899, P23527, Q16778, Q8N257, P58876, O60814
2154	H2B 11:30 K24ac (H2B.2F)	Ac-KKGSKKA VTKVQK-KA C-DGKKRK-BZ	Q5QNW6
2155	H2B 11:30 K24me1 (H2B.2F)	Ac-KKGSKKA VTKVQK-KMe1-DGKKRK-BZ	Q5QNW6
2156	H2B 11:30 K24me2 (H2B.2F)	Ac-KKGSKKA VTKVQK-KMe2-DGKKRK-BZ	Q5QNW6
2157	H2B 11:30 K24me3 (H2B.2F)	Ac-KKGSKKA VTKVQK-KMe3-DGKKRK-BZ	Q5QNW6
2158	H2B 11:30 K24but (H2B.2F)	Ac-KKGSKKA VTKVQK-KBut-DGKKRK-BZ	Q5QNW6



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	Peptide Name	Peptide Sequence	Uniprot
2159	H2B 11:30 K24prop (H2B.2F)	Ac-KKGSKKAVTKVQK-KProp-DGKKRK-BZ	Q5QNW6
2160	H2B 11:30 K24mal (H2B.2F)	Ac-KKGSKKAVTKVQK-KMal-DGKKRK-BZ	Q5QNW6
2161	H2B 11:30 K24suc (H2B.2F)	Ac-KKGSKKAVTKVQK-KSuc-DGKKRK-BZ	Q5QNW6
2162	H2B 11:30 K23ac (H2B.2F)	Ac-KKGSKKAVTKVQ-KAc-KDGKKRK-BZ	Q5QNW6
2163	H2B 11:30 K23me1 (H2B.2F)	Ac-KKGSKKAVTKVQ-KMe1-KDGKKRK-BZ	Q5QNW6
2164	H2B 11:30 K23me2 (H2B.2F)	Ac-KKGSKKAVTKVQ-KMe2-KDGKKRK-BZ	Q5QNW6
2165	H2B 11:30 K23me3 (H2B.2F)	Ac-KKGSKKAVTKVQ-KMe3-KDGKKRK-BZ	Q5QNW6
2166	H2B 11:30 K23but (H2B.2F)	Ac-KKGSKKAVTKVQ-KBut-KDGKKRK-BZ	Q5QNW6
2167	H2B 11:30 K23prop (H2B.2F)	Ac-KKGSKKAVTKVQ-KProp-KDGKKRK-BZ	Q5QNW6
2168	H2B 11:30 K23mal (H2B.2F)	Ac-KKGSKKAVTKVQ-KMal-KDGKKRK-BZ	Q5QNW6
2169	H2B 11:30 K23suc (H2B.2F)	Ac-KKGSKKAVTKVQ-KSuc-KDGKKRK-BZ	Q5QNW6
2170	H2B 11:30 K20ac (H2B.2F)	Ac-KKGSKKAVT-KAc-VQKKGKKRK-BZ	Q5QNW6
2171	H2B 11:30 K20me1 (H2B.2F)	Ac-KKGSKKAVT-KMe1-VQKKGKKRK-BZ	Q5QNW6
2172	H2B 11:30 K20me2 (H2B.2F)	Ac-KKGSKKAVT-KMe2-VQKKGKKRK-BZ	Q5QNW6
2173	H2B 11:30 K20me3 (H2B.2F)	Ac-KKGSKKAVT-KMe3-VQKKGKKRK-BZ	Q5QNW6
2174	H2B 11:30 K20but (H2B.2F)	Ac-KKGSKKAVT-KBut-VQKKGKKRK-BZ	Q5QNW6
2175	H2B 11:30 K20prop (H2B.2F)	Ac-KKGSKKAVT-KProp-VQKKGKKRK-BZ	Q5QNW6
2176	H2B 11:30 K20mal (H2B.2F)	Ac-KKGSKKAVT-KMal-VQKKGKKRK-BZ	Q5QNW6
2177	H2B 11:30 K20suc (H2B.2F)	Ac-KKGSKKAVT-KSuc-VQKKGKKRK-BZ	Q5QNW6
2178	H2B 11:30 pT19 (H2B.2F)	Ac-KKGSKKAV-pT-KVQKKGKKRK-BZ	Q5QNW6
2179	H2B 11:30 K16ac (H2B.2F)	Ac-KKGSK-KAc-AVTKVQKKGKKRK-BZ	Q5QNW6
2180	H2B 11:30 K16me1 (H2B.2F)	Ac-KKGSK-KMe1-AVTKVQKKGKKRK-BZ	Q5QNW6
2181	H2B 11:30 K16me2 (H2B.2F)	Ac-KKGSK-KMe2-AVTKVQKKGKKRK-BZ	Q5QNW6
2182	H2B 11:30 K16me3 (H2B.2F)	Ac-KKGSK-KMe3-AVTKVQKKGKKRK-BZ	Q5QNW6
2183	H2B 11:30 K16but (H2B.2F)	Ac-KKGSK-KBut-AVTKVQKKGKKRK-BZ	Q5QNW6
2184	H2B 11:30 K16prop (H2B.2F)	Ac-KKGSK-KProp-AVTKVQKKGKKRK-BZ	Q5QNW6
2185	H2B 11:30 K16mal (H2B.2F)	Ac-KKGSK-KMal-AVTKVQKKGKKRK-BZ	Q5QNW6
2186	H2B 11:30 K16suc (H2B.2F)	Ac-KKGSK-KSuc-AVTKVQKKGKKRK-BZ	Q5QNW6
2187	H2B 21:40 (H2B.1A)	Ac-KTQKKEGKKRKRTRKESYSI-BZ	Q96A08
2188	H2B 21:40 K35ac (H2B.1A)	Ac-KTQKKEGKKRKRTR-KAc-ESYSI-BZ	Q96A08
2189	H2B 21:40 K35me1 (H2B.1A)	Ac-KTQKKEGKKRKRTR-KMe1-ESYSI-BZ	Q96A08
2190	H2B 21:40 K35me2 (H2B.1A)	Ac-KTQKKEGKKRKRTR-KMe2-ESYSI-BZ	Q96A08
2191	H2B 21:40 K35me3 (H2B.1A)	Ac-KTQKKEGKKRKRTR-KMe3-ESYSI-BZ	Q96A08
2192	H2B 21:40 K35but (H2B.1A)	Ac-KTQKKEGKKRKRTR-KBut-ESYSI-BZ	Q96A08
2193	H2B 21:40 K35prop (H2B.1A)	Ac-KTQKKEGKKRKRTR-KProp-ESYSI-BZ	Q96A08
2194	H2B 21:40 K35mal (H2B.1A)	Ac-KTQKKEGKKRKRTR-KMal-ESYSI-BZ	Q96A08
2195	H2B 21:40 K35suc (H2B.1A)	Ac-KTQKKEGKKRKRTR-KSuc-ESYSI-BZ	Q96A08
2196	H2B 21:40 Cit34 (H2B.1A)	Ac-KTQKKEGKKRKRTR-Cit-KESYSI-BZ	Q96A08
2197	H2B 21:40 R34me1 (H2B.1A)	Ac-KTQKKEGKKRKRTR-RMe1-KESYSI-BZ	Q96A08
2198	H2B 21:40 R34me2a (H2B.1A)	Ac-KTQKKEGKKRKRTR-RMe2a-KESYSI-BZ	Q96A08
2199	H2B 21:40 R34me2s (H2B.1A)	Ac-KTQKKEGKKRKRTR-RMe2s-KESYSI-BZ	Q96A08
2200	H2B 21:40 pT33 (H2B.1A)	Ac-KTQKKEGKKRKR-pT-RKESYSI-BZ	Q96A08
2201	H2B 21:40 Cit32 (H2B.1A)	Ac-KTQKKEGKKRKR-Cit-TRKESYSI-BZ	Q96A08



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	Peptide Name	Peptide Sequence	Uniprot
2202	H2B 21:40 R32me1 (H2B.1A)	Ac-KTQKKEGKKRK-RMe1-TRKESYSI-BZ	Q96A08
2203	H2B 21:40 R32me2a (H2B.1A)	Ac-KTQKKEGKKRK-RMe2a-TRKESYSI-BZ	Q96A08
2204	H2B 21:40 R32me2s (H2B.1A)	Ac-KTQKKEGKKRK-RMe2s-TRKESYSI-BZ	Q96A08
2205	H2B 21:40 K31ac (H2B.1A)	Ac-KTQKKEGKKR-KAc-RTRKESYSI-BZ	Q96A08
2206	H2B 21:40 K31me1 (H2B.1A)	Ac-KTQKKEGKKR-KMe1-RTRKESYSI-BZ	Q96A08
2207	H2B 21:40 K31me2 (H2B.1A)	Ac-KTQKKEGKKR-KMe2-RTRKESYSI-BZ	Q96A08
2208	H2B 21:40 K31me3 (H2B.1A)	Ac-KTQKKEGKKR-KMe3-RTRKESYSI-BZ	Q96A08
2209	H2B 21:40 K31but (H2B.1A)	Ac-KTQKKEGKKR-KBut-RTRKESYSI-BZ	Q96A08
2210	H2B 21:40 K31prop (H2B.1A)	Ac-KTQKKEGKKR-KProp-RTRKESYSI-BZ	Q96A08
2211	H2B 21:40 K31mal (H2B.1A)	Ac-KTQKKEGKKR-KMal-RTRKESYSI-BZ	Q96A08
2212	H2B 21:40 K31suc (H2B.1A)	Ac-KTQKKEGKKR-KSuc-RTRKESYSI-BZ	Q96A08
2213	H2B 21:40 Cit30 (H2B.1A)	Ac-KTQKKEGKK-Cit-KRTRKESYSI-BZ	Q96A08
2214	H2B 21:40 R30me1 (H2B.1A)	Ac-KTQKKEGKK-RMe1-KRTRKESYSI-BZ	Q96A08
2215	H2B 21:40 R30me2a (H2B.1A)	Ac-KTQKKEGKK-RMe2a-KRTRKESYSI-BZ	Q96A08
2216	H2B 21:40 R30me2s (H2B.1A)	Ac-KTQKKEGKK-RMe2s-KRTRKESYSI-BZ	Q96A08
2217	H2B 21:40 K29ac (H2B.1A)	Ac-KTQKKEGK-KAc-RKRTRKESYSI-BZ	Q96A08
2218	H2B 21:40 K29me1 (H2B.1A)	Ac-KTQKKEGK-KMe1-RKRTRKESYSI-BZ	Q96A08
2219	H2B 21:40 K29me2 (H2B.1A)	Ac-KTQKKEGK-KMe2-RKRTRKESYSI-BZ	Q96A08
2220	H2B 21:40 K29me3 (H2B.1A)	Ac-KTQKKEGK-KMe3-RKRTRKESYSI-BZ	Q96A08
2221	H2B 21:40 K29but (H2B.1A)	Ac-KTQKKEGK-KBut-RKRTRKESYSI-BZ	Q96A08
2222	H2B 21:40 K29prop (H2B.1A)	Ac-KTQKKEGK-KProp-RKRTRKESYSI-BZ	Q96A08
2223	H2B 21:40 K29mal (H2B.1A)	Ac-KTQKKEGK-KMal-RKRTRKESYSI-BZ	Q96A08
2224	H2B 21:40 K29suc (H2B.1A)	Ac-KTQKKEGK-KSuc-RKRTRKESYSI-BZ	Q96A08
2225	H2B 21:40 K28ac (H2B.1A)	Ac-KTQKKEG-KAc-KRKRTRKESYSI-BZ	Q96A08
2226	H2B 21:40 K28me1 (H2B.1A)	Ac-KTQKKEG-KMe1-KRKRTRKESYSI-BZ	Q96A08
2227	H2B 21:40 K28me2 (H2B.1A)	Ac-KTQKKEG-KMe2-KRKRTRKESYSI-BZ	Q96A08
2228	H2B 21:40 K28me3 (H2B.1A)	Ac-KTQKKEG-KMe3-KRKRTRKESYSI-BZ	Q96A08
2229	H2B 21:40 K28but (H2B.1A)	Ac-KTQKKEG-KBut-KRKRTRKESYSI-BZ	Q96A08
2230	H2B 21:40 K28prop (H2B.1A)	Ac-KTQKKEG-KProp-KRKRTRKESYSI-BZ	Q96A08
2231	H2B 21:40 K28mal (H2B.1A)	Ac-KTQKKEG-KMal-KRKRTRKESYSI-BZ	Q96A08
2232	H2B 21:40 K28suc (H2B.1A)	Ac-KTQKKEG-KSuc-KRKRTRKESYSI-BZ	Q96A08
2233	H2B 21:40 (H2B.3B)	Ac-AQKKDGKKRKRGRKESYSIY-BZ	Q8N257
2234	H2B 21:40 (H2B.1B\1J\1O\2E)	Ac-AQKKDGKKRKRGRKESYSIY-BZ	P06899, P23527, Q16778, P33778
2235	H2B 21:40 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKKRKRGRKESYSIY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2236	H2B 21:40 (H2B.FS)	Ac-AQKKDGRKRKRGRKESYSIY-BZ	P57053
2237	H2B 21:40 (H2B.2F)	Ac-VQKKDGKKRKRGRKESYSIY-BZ	Q5QNW6
2238	H2B 21:40 K34ac (H2B.3B)	Ac-AQKKDGKKRKRGR-KAc-ESYSIY-BZ	Q8N257
2239	H2B 21:40 K34me1 (H2B.3B)	Ac-AQKKDGKKRKRGR-KMe1-ESYSIY-BZ	Q8N257
2240	H2B 21:40 K34me2 (H2B.3B)	Ac-AQKKDGKKRKRGR-KMe2-ESYSIY-BZ	Q8N257
2241	H2B 21:40 K34me3 (H2B.3B)	Ac-AQKKDGKKRKRGR-KMe3-ESYSIY-BZ	Q8N257
2242	H2B 21:40 K34but (H2B.3B)	Ac-AQKKDGKKRKRGR-KBut-ESYSIY-BZ	Q8N257
2243	H2B 21:40 K34prop (H2B.3B)	Ac-AQKKDGKKRKRGR-KProp-ESYSIY-BZ	Q8N257



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	Peptide Name	Peptide Sequence	Uniprot
2244	H2B 21:40 K34mal (H2B.3B)	Ac-AQKKDGGKKRKRGR-KMal-ESYSIY-BZ	Q8N257
2245	H2B 21:40 K34suc (H2B.3B)	Ac-AQKKDGGKKRKRGR-KSuc-ESYSIY-BZ	Q8N257
2246	H2B 21:40 Cit33 (H2B.3B)	Ac-AQKKDGGKKRKRGR-Cit-KESYSIY-BZ	Q8N257
2247	H2B 21:40 R33me1 (H2B.3B)	Ac-AQKKDGGKKRKRGR-RMe1-KESYSIY-BZ	Q8N257
2248	H2B 21:40 R33me2a (H2B.3B)	Ac-AQKKDGGKKRKRGR-RMe2a-KESYSIY-BZ	Q8N257
2249	H2B 21:40 R33me2s (H2B.3B)	Ac-AQKKDGGKKRKRGR-RMe2s-KESYSIY-BZ	Q8N257
2250	H2B 21:40 Cit31 (H2B.3B)	Ac-AQKKDGGKKRK-Cit-GRKESYSIY-BZ	Q8N257
2251	H2B 21:40 R31me1 (H2B.3B)	Ac-AQKKDGGKKRK-RMe1-GRKESYSIY-BZ	Q8N257
2252	H2B 21:40 R31me2a (H2B.3B)	Ac-AQKKDGGKKRK-RMe2a-GRKESYSIY-BZ	Q8N257
2253	H2B 21:40 R31me2s (H2B.3B)	Ac-AQKKDGGKKRK-RMe2s-GRKESYSIY-BZ	Q8N257
2254	H2B 21:40 K30ac (H2B.3B)	Ac-AQKKDGGKKR-KAc-RGRKESYSIY-BZ	Q8N257
2255	H2B 21:40 K30me1 (H2B.3B)	Ac-AQKKDGGKKR-KMe1-RGRKESYSIY-BZ	Q8N257
2256	H2B 21:40 K30me2 (H2B.3B)	Ac-AQKKDGGKKR-KMe2-RGRKESYSIY-BZ	Q8N257
2257	H2B 21:40 K30me3 (H2B.3B)	Ac-AQKKDGGKKR-KMe3-RGRKESYSIY-BZ	Q8N257
2258	H2B 21:40 K30but (H2B.3B)	Ac-AQKKDGGKKR-KBut-RGRKESYSIY-BZ	Q8N257
2259	H2B 21:40 K30prop (H2B.3B)	Ac-AQKKDGGKKR-KProp-RGRKESYSIY-BZ	Q8N257
2260	H2B 21:40 K30mal (H2B.3B)	Ac-AQKKDGGKKR-KMal-RGRKESYSIY-BZ	Q8N257
2261	H2B 21:40 K30suc (H2B.3B)	Ac-AQKKDGGKKR-KSuc-RGRKESYSIY-BZ	Q8N257
2262	H2B 21:40 Cit29 (H2B.3B)	Ac-AQKKDGGKK-Cit-KRGRKESYSIY-BZ	Q8N257
2263	H2B 21:40 R29me1 (H2B.3B)	Ac-AQKKDGGKK-RMe1-KRGRKESYSIY-BZ	Q8N257
2264	H2B 21:40 R29me2a (H2B.3B)	Ac-AQKKDGGKK-RMe2a-KRGRKESYSIY-BZ	Q8N257
2265	H2B 21:40 R29me2s (H2B.3B)	Ac-AQKKDGGKK-RMe2s-KRGRKESYSIY-BZ	Q8N257
2266	H2B 21:40 K28ac (H2B.3B)	Ac-AQKKDGGK-KAc-RKRGRKESYSIY-BZ	Q8N257
2267	H2B 21:40 K28me1 (H2B.3B)	Ac-AQKKDGGK-KMe1-RKRGRKESYSIY-BZ	Q8N257
2268	H2B 21:40 K28me2 (H2B.3B)	Ac-AQKKDGGK-KMe2-RKRGRKESYSIY-BZ	Q8N257
2269	H2B 21:40 K28me3 (H2B.3B)	Ac-AQKKDGGK-KMe3-RKRGRKESYSIY-BZ	Q8N257
2270	H2B 21:40 K28but (H2B.3B)	Ac-AQKKDGGK-KBut-RKRGRKESYSIY-BZ	Q8N257
2271	H2B 21:40 K28prop (H2B.3B)	Ac-AQKKDGGK-KProp-RKRGRKESYSIY-BZ	Q8N257
2272	H2B 21:40 K28mal (H2B.3B)	Ac-AQKKDGGK-KMal-RKRGRKESYSIY-BZ	Q8N257
2273	H2B 21:40 K28suc (H2B.3B)	Ac-AQKKDGGK-KSuc-RKRGRKESYSIY-BZ	Q8N257
2274	H2B 21:40 K27ac (H2B.3B)	Ac-AQKKDGG-KAc-KRKRGRKESYSIY-BZ	Q8N257
2275	H2B 21:40 K27me1 (H2B.3B)	Ac-AQKKDGG-KMe1-KRKRGRKESYSIY-BZ	Q8N257
2276	H2B 21:40 K27me2 (H2B.3B)	Ac-AQKKDGG-KMe2-KRKRGRKESYSIY-BZ	Q8N257
2277	H2B 21:40 K27me3 (H2B.3B)	Ac-AQKKDGG-KMe3-KRKRGRKESYSIY-BZ	Q8N257
2278	H2B 21:40 K27but (H2B.3B)	Ac-AQKKDGG-KBut-KRKRGRKESYSIY-BZ	Q8N257
2279	H2B 21:40 K27prop (H2B.3B)	Ac-AQKKDGG-KProp-KRKRGRKESYSIY-BZ	Q8N257
2280	H2B 21:40 K27mal (H2B.3B)	Ac-AQKKDGG-KMal-KRKRGRKESYSIY-BZ	Q8N257
2281	H2B 21:40 K27suc (H2B.3B)	Ac-AQKKDGG-KSuc-KRKRGRKESYSIY-BZ	Q8N257
2282	H2B 21:40 K34ac (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKRGR-KAc-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2283	H2B 21:40 K34me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKRGR-KMe1-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2284	H2B 21:40 K34me2 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMe2-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2285	H2B 21:40 K34me3 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMe3-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2286	H2B 21:40 K34but (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KBut-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2287	H2B 21:40 K34prop (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KProp-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2288	H2B 21:40 K34mal (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMal-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2289	H2B 21:40 K34suc (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KSuc-ESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2290	H2B 21:40 Cit33 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-Cit-KESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2291	H2B 21:40 R33me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe1-KESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2292	H2B 21:40 R33me2a (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe2a-KESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2293	H2B 21:40 R33me2s (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe2s-KESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2294	H2B 21:40 pS32 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-pS-RKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2295	H2B 21:40 Cit31 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-Cit-SRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2296	H2B 21:40 R31me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe1-SRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2297	H2B 21:40 R31me2a (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe2a-SRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2298	H2B 21:40 R31me2s (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-RMe2s-SRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2299	H2B 21:40 K30ac (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KAc-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2300	H2B 21:40 K30me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMe1-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2301	H2B 21:40 K30me2 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMe2-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2302	H2B 21:40 K30me3 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KMe3-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2303	H2B 21:40 K30but (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KBut-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2304	H2B 21:40 K30prop (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGGKKRKR-SR-KProp-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2305	H2B 21:40 K30mal (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKKR-KMal-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2306	H2B 21:40 K30suc (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKKR-KSuc-RSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2307	H2B 21:40 Cit29 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKK-Cit-KRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2308	H2B 21:40 R29me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKK-RMe1-KRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2309	H2B 21:40 R29me2a (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKK-RMe2a-KRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2310	H2B 21:40 R29me2s (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGKK-RMe2s-KRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2311	H2B 21:40 K28ac (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KAc-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2312	H2B 21:40 K28me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KMe1-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2313	H2B 21:40 K28me2 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KMe2-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2314	H2B 21:40 K28me3 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KMe3-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2315	H2B 21:40 K28but (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KBut-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2316	H2B 21:40 K28prop (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KProp-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2317	H2B 21:40 K28mal (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KMal-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2318	H2B 21:40 K28suc (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDGK-KSuc-RKRSRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2319	H2B 21:40 K27ac (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KAc-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2320	H2B 21:40 K27me1 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KMe1-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2321	H2B 21:40 K27me2 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KMe2-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2322	H2B 21:40 K27me3 (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KMe3-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2323	H2B 21:40 K27but (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KBut-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2324	H2B 21:40 K27prop (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KProp-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2325	H2B 21:40 K27mal (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KMal-KRKRRESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2326	H2B 21:40 K27suc (H2B.1\1D\1H\1K\1L\1M\1N)	Ac-AQKKDG-KSuc-KRKRSRKESYSVY-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P58876, O60814
2327	H2B 21:40 K34ac (H2B.FS)	Ac-AQKKDGRKRKRSR-KAc-ESYSVY-BZ	P57053
2328	H2B 21:40 K34me1 (H2B.FS)	Ac-AQKKDGRKRKRSR-KMe1-ESYSVY-BZ	P57053
2329	H2B 21:40 K34me2 (H2B.FS)	Ac-AQKKDGRKRKRSR-KMe2-ESYSVY-BZ	P57053
2330	H2B 21:40 K34me3 (H2B.FS)	Ac-AQKKDGRKRKRSR-KMe3-ESYSVY-BZ	P57053
2331	H2B 21:40 K34but (H2B.FS)	Ac-AQKKDGRKRKRSR-KBut-ESYSVY-BZ	P57053
2332	H2B 21:40 K34prop (H2B.FS)	Ac-AQKKDGRKRKRSR-KProp-ESYSVY-BZ	P57053
2333	H2B 21:40 K34mal (H2B.FS)	Ac-AQKKDGRKRKRSR-KMal-ESYSVY-BZ	P57053
2334	H2B 21:40 K34suc (H2B.FS)	Ac-AQKKDGRKRKRSR-KSuc-ESYSVY-BZ	P57053
2335	H2B 21:40 Cit33 (H2B.FS)	Ac-AQKKDGRKRKR-Cit-KESYSVY-BZ	P57053
2336	H2B 21:40 R33me1 (H2B.FS)	Ac-AQKKDGRKRKR-RMe1-KESYSVY-BZ	P57053
2337	H2B 21:40 R33me2a (H2B.FS)	Ac-AQKKDGRKRKR-RMe2a-KESYSVY-BZ	P57053
2338	H2B 21:40 R33me2s (H2B.FS)	Ac-AQKKDGRKRKR-RMe2s-KESYSVY-BZ	P57053
2339	H2B 21:40 pS32 (H2B.FS)	Ac-AQKKDGRKRKR-pS-RKESYSVY-BZ	P57053
2340	H2B 21:40 Cit31 (H2B.FS)	Ac-AQKKDGRKR-Cit-SRKESYSVY-BZ	P57053
2341	H2B 21:40 R31me1 (H2B.FS)	Ac-AQKKDGRKR-RMe1-SRKESYSVY-BZ	P57053
2342	H2B 21:40 R31me2a (H2B.FS)	Ac-AQKKDGRKR-RMe2a-SRKESYSVY-BZ	P57053
2343	H2B 21:40 R31me2s (H2B.FS)	Ac-AQKKDGRKR-RMe2s-SRKESYSVY-BZ	P57053
2344	H2B 21:40 K30ac (H2B.FS)	Ac-AQKKDGRKR-KAc-RSRKESYSVY-BZ	P57053
2345	H2B 21:40 K30me1 (H2B.FS)	Ac-AQKKDGRKR-KMe1-RSRKESYSVY-BZ	P57053
2346	H2B 21:40 K30me2 (H2B.FS)	Ac-AQKKDGRKR-KMe2-RSRKESYSVY-BZ	P57053
2347	H2B 21:40 K30me3 (H2B.FS)	Ac-AQKKDGRKR-KMe3-RSRKESYSVY-BZ	P57053
2348	H2B 21:40 K30but (H2B.FS)	Ac-AQKKDGRKR-KBut-RSRKESYSVY-BZ	P57053
2349	H2B 21:40 K30prop (H2B.FS)	Ac-AQKKDGRKR-KProp-RSRKESYSVY-BZ	P57053
2350	H2B 21:40 K30mal (H2B.FS)	Ac-AQKKDGRKR-KMal-RSRKESYSVY-BZ	P57053
2351	H2B 21:40 K30suc (H2B.FS)	Ac-AQKKDGRKR-KSuc-RSRKESYSVY-BZ	P57053
2352	H2B 21:40 Cit29 (H2B.FS)	Ac-AQKKDGRK-Cit-KRSRKESYSVY-BZ	P57053
2353	H2B 21:40 R29me1 (H2B.FS)	Ac-AQKKDGRK-RMe1-KRSRKESYSVY-BZ	P57053
2354	H2B 21:40 R29me2a (H2B.FS)	Ac-AQKKDGRK-RMe2a-KRSRKESYSVY-BZ	P57053
2355	H2B 21:40 R29me2s (H2B.FS)	Ac-AQKKDGRK-RMe2s-KRSRKESYSVY-BZ	P57053
2356	H2B 21:40 K28ac (H2B.FS)	Ac-AQKKDGR-KAc-RKRSRKESYSVY-BZ	P57053
2357	H2B 21:40 K28me1 (H2B.FS)	Ac-AQKKDGR-KMe1-RKRSRKESYSVY-BZ	P57053
2358	H2B 21:40 K28me2 (H2B.FS)	Ac-AQKKDGR-KMe2-RKRSRKESYSVY-BZ	P57053
2359	H2B 21:40 K28me3 (H2B.FS)	Ac-AQKKDGR-KMe3-RKRSRKESYSVY-BZ	P57053
2360	H2B 21:40 K28but (H2B.FS)	Ac-AQKKDGR-KBut-RKRSRKESYSVY-BZ	P57053
2361	H2B 21:40 K28prop (H2B.FS)	Ac-AQKKDGR-KProp-RKRSRKESYSVY-BZ	P57053
2362	H2B 21:40 K28mal (H2B.FS)	Ac-AQKKDGR-KMal-RKRSRKESYSVY-BZ	P57053
2363	H2B 21:40 K28suc (H2B.FS)	Ac-AQKKDGR-KSuc-RKRSRKESYSVY-BZ	P57053
2364	H2B 21:40 Cit27 (H2B.FS)	Ac-AQKKDG-Cit-KRKRSRKESYSVY-BZ	P57053
2365	H2B 21:40 R27me1 (H2B.FS)	Ac-AQKKDG-RMe1-KRKRSRKESYSVY-BZ	P57053
2366	H2B 21:40 R27me2a (H2B.FS)	Ac-AQKKDG-RMe2a-KRKRSRKESYSVY-BZ	P57053
2367	H2B 21:40 R27me2s (H2B.FS)	Ac-AQKKDG-RMe2s-KRKRSRKESYSVY-BZ	P57053



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	Peptide Name	Peptide Sequence	Uniprot
2368	H2B 22:41 (H2B.1B\1J\1O\2E)	Ac-QKKDGKKRKRSRKESYSIYV-BZ	P06899, P23527, Q16778, P33778
2369	H2B 22:41 (H2B.1\1D\1H\1K\1L\1M\1N\2F)	Ac-QKKDGKKRKRSRKESYSVYV-BZ	P62807, Q99880, Q99879, Q93079, Q99877, Q5QNW6, P58876, O60814
2370	H2B 22:41 (H2B.FS)	Ac-QKKDGKKRKRSRKESYSVYV-BZ	P57053
2371	H2B 22:41 pS36 (H2B.1B\1J\1O\2E)	Ac-QKKDGKKRKRSRKE-pS-YSIYV-BZ	P06899, P23527, Q16778, P33778
2372	H2B 22:41 pS32 (H2B.1B\1J\1O\2E)	Ac-QKKDGKKRKR-pS-RKESYSIYV-BZ	P06899, P23527, Q16778, P33778
2373	H2B 22:41 K23ac (H2B.1B\1J\1O\2E)	Ac-Q-KAc-KDGKKRKRSRKESYSIYV-BZ	P06899, P23527, Q16778, P33778
2374	H2B 22:41 pS36 (H2B.1\1D\1H\1K\1L\1M\1N\2F)	Ac-QKKDGKKRKRSRKE-pS-YSVYV-BZ	P62807, Q99880, Q99879, Q93079, Q99877, Q5QNW6, P58876, O60814
2375	H2B 22:41 pS32 (H2B.1\1D\1H\1K\1L\1M\1N\2F)	Ac-QKKDGKKRKR-pS-RKESYSVYV-BZ	P62807, Q99880, Q99879, Q93079, Q99877, Q5QNW6, P58876, O60814
2376	H2B 22:41 K23ac (H2B.1\1D\1H\1K\1L\1M\1N\2F)	Ac-Q-KAc-KDGKKRKRSRKESYSVYV-BZ	P62807, Q99880, Q99879, Q93079, Q99877, Q5QNW6, P58876, O60814
2377	H2B 22:41 pS36 (H2B.FS)	Ac-QKKDGKKRKRSRKE-pS-YSVYV-BZ	P57053
2378	H2B 22:41 K34ac (H2B.FS)	Ac-QKKDGKKRKRSR-KAc-ESYSVYV-BZ	P57053
2379	H2B 22:41 pS32 (H2B.FS)	Ac-QKKDGKKRKR-pS-RKESYSVYV-BZ	P57053
2380	H2B 22:41 K23ac (H2B.FS)	Ac-Q-KAc-KDGKKRKRSRKESYSVYV-BZ	P57053
2381	H2B 22:41 pS32_pS36 (H2B.1B\1J\1O\2E)	Ac-QKKDGKKRKR-pS-RKE-pS-YSIYV-BZ	P06899, P23527, Q16778, P33778
2382	H2B 22:41 pS32_pS36 (H2B.1\1D\1H\1K\1L\1M\1N\2F)	Ac-QKKDGKKRKR-pS-RKE-pS-YSVYV-BZ	P62807, Q99880, Q99879, Q93079, Q99877, Q5QNW6, P58876, O60814
2383	H2B 22:41 pS32_pS36 (H2B.FS)	Ac-QKKDGKKRKR-pS-RKE-pS-YSVYV-BZ	P57053
2384	H2B 31:50 (H2B.1A)	Ac-KRTRKESYSIYIYKVLKQVH-BZ	Q96A08
2385	H2B 31:50 K44ac (H2B.1A)	Ac-KRTRKESYSIYIY-KAc-VLKQVH-BZ	Q96A08
2386	H2B 31:50 K44me1 (H2B.1A)	Ac-KRTRKESYSIYIY-KMe1-VLKQVH-BZ	Q96A08
2387	H2B 31:50 K44me2 (H2B.1A)	Ac-KRTRKESYSIYIY-KMe2-VLKQVH-BZ	Q96A08
2388	H2B 31:50 K44me3 (H2B.1A)	Ac-KRTRKESYSIYIY-KMe3-VLKQVH-BZ	Q96A08
2389	H2B 31:50 K44but (H2B.1A)	Ac-KRTRKESYSIYIY-KBut-VLKQVH-BZ	Q96A08
2390	H2B 31:50 K44prop (H2B.1A)	Ac-KRTRKESYSIYIY-KProp-VLKQVH-BZ	Q96A08
2391	H2B 31:50 K44mal (H2B.1A)	Ac-KRTRKESYSIYIY-KMal-VLKQVH-BZ	Q96A08
2392	H2B 31:50 K44suc (H2B.1A)	Ac-KRTRKESYSIYIY-KSuc-VLKQVH-BZ	Q96A08
2393	H2B 31:50 pY43 (H2B.1A)	Ac-KRTRKESYSIYI-pY-KVLKQVH-BZ	Q96A08
2394	H2B 31:50 pY41 (H2B.1A)	Ac-KRTRKESYSI-pY-IYKVLKQVH-BZ	Q96A08
2395	H2B 31:50 pS39 (H2B.1A)	Ac-KRTRKESY-pS-IYIYKVLKQVH-BZ	Q96A08
2396	H2B 31:50 pY38 (H2B.1A)	Ac-KRTRKES-pY-SIYIYKVLKQVH-BZ	Q96A08
2397	H2B 31:50 pS37 (H2B.1A)	Ac-KRTRKE-pS-YSIYIYKVLKQVH-BZ	Q96A08
2398	H2B 31:50 (H2B.3B)	Ac-RGRKESYSIYVYKVLKQVHP-BZ	Q8N257
2399	H2B 31:50 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVYKVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2400	H2B 31:50 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVYKVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2401	H2B 31:50 K43ac (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KAc-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2402	H2B 31:50 K43me1 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KMe1-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2403	H2B 31:50 K43me2 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KMe2-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2404	H2B 31:50 K43me3 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KMe3-VLKQVHP-BZ	P06899, P23527, Q16778, P33778



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	Peptide Name	Peptide Sequence	Uniprot
2405	H2B 31:50 K43but (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KBut-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2406	H2B 31:50 K43prop (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KProp-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2407	H2B 31:50 K43mal (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KMal-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2408	H2B 31:50 K43suc (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYVY-KSuc-VLKQVHP-BZ	P06899, P23527, Q16778, P33778
2409	H2B 31:50 pY42 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSIYV-pY-KVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2410	H2B 31:50 pY40 (H2B.1B\1J\1O\2E)	Ac-RSRKESYSI-pY-VYKVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2411	H2B 31:50 pS38 (H2B.1B\1J\1O\2E)	Ac-RSRKESY-pS-IYVYKVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2412	H2B 31:50 pY37 (H2B.1B\1J\1O\2E)	Ac-RSRKES-pY-SIYVYKVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2413	H2B 31:50 pS36 (H2B.1B\1J\1O\2E)	Ac-RSRKE-pS-YSIYVYKVLKQVHP-BZ	P06899, P23527, Q16778, P33778
2414	H2B 31:50 K43ac (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KAc-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2415	H2B 31:50 K43me1 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KMe1-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2416	H2B 31:50 K43me2 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KMe2-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2417	H2B 31:50 K43me3 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KMe3-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2418	H2B 31:50 K43but (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KBut-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2419	H2B 31:50 K43prop (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KProp-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2420	H2B 31:50 K43mal (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KMal-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2421	H2B 31:50 K43suc (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYVY-KSuc-VLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2422	H2B 31:50 pY42 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSVYV-pY-KVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2423	H2B 31:50 pY40 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESYSV-pY-VYKVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2424	H2B 31:50 pS38 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKESY-pS-VYVYKVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2425	H2B 31:50 pY37 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKES-pY-SVYVYKVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2426	H2B 31:50 pS36 (H2B.1\1D\1H\1K\1L\1M\1N\2F\FS)	Ac-RSRKE-pS-YSVYVYKVLKQVHP-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, Q5QNW6, P58876, O60814
2427	H2B 41:60 (H2B.1A)	Ac-YIYKVLKQVHPDTGISSKAM-BZ	Q96A08
2428	H2B 41:60 pT53 (H2B.1A)	Ac-YIYKVLKQVHPD-pT-GISSKAM-BZ	Q96A08
2429	H2B 41:60 K47ac (H2B.1A)	Ac-YIYKVL-KAc-QVHPDTGISSKAM-BZ	Q96A08
2430	H2B 41:60 K47me1 (H2B.1A)	Ac-YIYKVL-KMe1-QVHPDTGISSKAM-BZ	Q96A08
2431	H2B 41:60 K47me2 (H2B.1A)	Ac-YIYKVL-KMe2-QVHPDTGISSKAM-BZ	Q96A08
2432	H2B 41:60 K47me3 (H2B.1A)	Ac-YIYKVL-KMe3-QVHPDTGISSKAM-BZ	Q96A08
2433	H2B 41:60 K47but (H2B.1A)	Ac-YIYKVL-KBut-QVHPDTGISSKAM-BZ	Q96A08
2434	H2B 41:60 K47prop (H2B.1A)	Ac-YIYKVL-KProp-QVHPDTGISSKAM-BZ	Q96A08



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	Peptide Name	Peptide Sequence	Uniprot
2435	H2B 41:60 K47mal (H2B.1A)	Ac-YIYKVL-KMal-QVHPDTGISSKAM-BZ	Q96A08
2436	H2B 41:60 K47suc (H2B.1A)	Ac-YIYKVL-KSuc-QVHPDTGISSKAM-BZ	Q96A08
2437	H2B 41:60 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVLKQVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2438	H2B 41:60 pS55 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVLKQVHPDTGI-pS-SKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2439	H2B 41:60 pT52 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVLKQVHPD-pT-GISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2440	H2B 41:60 K46ac (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KAc-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2441	H2B 41:60 K46me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KMe1-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2442	H2B 41:60 K46me2 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KMe2-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2443	H2B 41:60 K46me3 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KMe3-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2444	H2B 41:60 K46but (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KBut-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2445	H2B 41:60 K46prop (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KProp-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2446	H2B 41:60 K46mal (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KMal-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2447	H2B 41:60 K46suc (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-VYKVL-KSuc-QVHPDTGISSKAMG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2448	H2B 42:61 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-YKVLKQVHPDTGISSKAMGI-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2449	H2B 42:61 K57me2 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-YKVLKQVHPDTGISS-KMe2-AMGI-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2450	H2B 42:61 K46ac (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-YKVL-KAc-QVHPDTGISSKAMGI-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2451	H2B 42:61 K46me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-YKVL-KMe1-QVHPDTGISSKAMGI-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2452	H2B 51:70 (H2B.1A)	Ac-PDTGISSKAMSIMNSFVTDI-BZ	Q96A08
2453	H2B 51:70 pS65 (H2B.1A)	Ac-PDTGISSKAMSIMN-pS-FVTDI-BZ	Q96A08
2454	H2B 51:70 pS61 (H2B.1A)	Ac-PDTGISSKAM-pS-IMNSFVTDI-BZ	Q96A08
2455	H2B 51:70 K58ac (H2B.1A)	Ac-PDTGISS-KAc-AMSIMNSFVTDI-BZ	Q96A08
2456	H2B 51:70 K58me1 (H2B.1A)	Ac-PDTGISS-KMe1-AMSIMNSFVTDI-BZ	Q96A08
2457	H2B 51:70 K58me2 (H2B.1A)	Ac-PDTGISS-KMe2-AMSIMNSFVTDI-BZ	Q96A08
2458	H2B 51:70 K58me3 (H2B.1A)	Ac-PDTGISS-KMe3-AMSIMNSFVTDI-BZ	Q96A08
2459	H2B 51:70 K58but (H2B.1A)	Ac-PDTGISS-KBut-AMSIMNSFVTDI-BZ	Q96A08
2460	H2B 51:70 K58prop (H2B.1A)	Ac-PDTGISS-KProp-AMSIMNSFVTDI-BZ	Q96A08
2461	H2B 51:70 K58mal (H2B.1A)	Ac-PDTGISS-KMal-AMSIMNSFVTDI-BZ	Q96A08
2462	H2B 51:70 K58suc (H2B.1A)	Ac-PDTGISS-KSuc-AMSIMNSFVTDI-BZ	Q96A08
2463	H2B 51:70 pS57 (H2B.1A)	Ac-PDTGIS-pS-KAMSIMNSFVTDI-BZ	Q96A08
2464	H2B 51:70 pS56 (H2B.1A)	Ac-PDTGI-pS-SKAMSIMNSFVTDI-BZ	Q96A08
2465	H2B 51:70 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISSKAMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2466	H2B 51:70 pS64 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISSKAMGIMN-pS-FVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2467	H2B 51:70 K57ac (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KAc-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2468	H2B 51:70 K57me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KMe1-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2469	H2B 51:70 K57me2 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KMe2-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2470	H2B 51:70 K57me3 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KMe3-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2471	H2B 51:70 K57but (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KBut-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2472	H2B 51:70 K57prop (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KProp-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
2473	H2B 51:70 K57mal (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KMal-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2474	H2B 51:70 K57suc (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGISS-KSuc-AMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2475	H2B 51:70 pS56 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-DTGIS-pS-KAMGIMNSFVNDIF-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, P58876, O60814
2476	H2B 61:80 (H2B.1A)	Ac-SIMNSFVTDIFERIASEASR-BZ	Q96A08
2477	H2B 61:80 Cit73 (H2B.1A)	Ac-SIMNSFVTDIFE-Cit-IASEASR-BZ	Q96A08
2478	H2B 61:80 R73me1 (H2B.1A)	Ac-SIMNSFVTDIFE-RMe1-IASEASR-BZ	Q96A08
2479	H2B 61:80 R73me2a (H2B.1A)	Ac-SIMNSFVTDIFE-RMe2a-IASEASR-BZ	Q96A08
2480	H2B 61:80 R73me2s (H2B.1A)	Ac-SIMNSFVTDIFE-RMe2s-IASEASR-BZ	Q96A08
2481	H2B 61:80 pT68 (H2B.1A)	Ac-SIMNSFV-pT-DIFERIASEASR-BZ	Q96A08
2482	H2B 61:80 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-IMNSFVNDIFERIAEASRL-BZ	P62807, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2483	H2B 61:80 (H2B.1L\3B)	Ac-IMNSFVNDIFERIAEASRL-BZ	Q99880, Q8N257
2484	H2B 61:80 Cit72 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-IMNSFVNDIFE-Cit-IAGEASRL-BZ	P62807, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2485	H2B 61:80 R72me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-IMNSFVNDIFE-RMe1-IAGEASRL-BZ	P62807, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2486	H2B 61:80 R72me2a (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-IMNSFVNDIFE-RMe2a-IAGEASRL-BZ	P62807, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2487	H2B 61:80 R72me2s (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-IMNSFVNDIFE-RMe2s-IAGEASRL-BZ	P62807, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2488	H2B 61:80 pS75 (H2B.1L\3B)	Ac-IMNSFVNDIFERIA-pS-EASRL-BZ	Q99880, Q8N257
2489	H2B 61:80 Cit72 (H2B.1L\3B)	Ac-IMNSFVNDIFE-Cit-IASEASRL-BZ	Q99880, Q8N257
2490	H2B 61:80 R72me1 (H2B.1L\3B)	Ac-IMNSFVNDIFE-RMe1-IASEASRL-BZ	Q99880, Q8N257
2491	H2B 61:80 R72me2a (H2B.1L\3B)	Ac-IMNSFVNDIFE-RMe2a-IASEASRL-BZ	Q99880, Q8N257
2492	H2B 61:80 R72me2s (H2B.1L\3B)	Ac-IMNSFVNDIFE-RMe2s-IASEASRL-BZ	Q99880, Q8N257
2493	H2B 66:85 (H2B.1A)	Ac-FVTDIFERIASEASRLAHYS-BZ	Q96A08
2494	H2B 66:85 Cit80 (H2B.1A)	Ac-FVTDIFERIASEAS-Cit-LAHYS-BZ	Q96A08
2495	H2B 66:85 R80me1 (H2B.1A)	Ac-FVTDIFERIASEAS-RMe1-LAHYS-BZ	Q96A08
2496	H2B 66:85 R80me2a (H2B.1A)	Ac-FVTDIFERIASEAS-RMe2a-LAHYS-BZ	Q96A08
2497	H2B 66:85 R80me2s (H2B.1A)	Ac-FVTDIFERIASEAS-RMe2s-LAHYS-BZ	Q96A08
2498	H2B 66:85 pS79 (H2B.1A)	Ac-FVTDIFERIASEA-pS-RLAHYS-BZ	Q96A08
2499	H2B 66:85 pS76 (H2B.1A)	Ac-FVTDIFERIA-pS-EASRLAHYS-BZ	Q96A08
2500	H2B 66:85 Cit73 (H2B.1A)	Ac-FVTDIFE-Cit-IASEASRLAHYS-BZ	Q96A08
2501	H2B 66:85 R73me1 (H2B.1A)	Ac-FVTDIFE-RMe1-IASEASRLAHYS-BZ	Q96A08
2502	H2B 66:85 R73me2a (H2B.1A)	Ac-FVTDIFE-RMe2a-IASEASRLAHYS-BZ	Q96A08
2503	H2B 66:85 R73me2s (H2B.1A)	Ac-FVTDIFE-RMe2s-IASEASRLAHYS-BZ	Q96A08



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	Peptide Name	Peptide Sequence	Uniprot
2504	H2B 71:90 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2505	H2B 71:90 (H2B.FS)	Ac-ERiAGEASRLPHYNKRSTIT-BZ	P57053
2506	H2B 71:90 (H2B.1L\3B)	Ac-ERiASEASRLAHYNKRSTIT-BZ	Q99880, Q8N257
2507	H2B 72:91 (H2B.1A)	Ac-ERiASEASRLAHYSKRSTIS-BZ	Q96A08
2508	H2B 71:90 K85ac (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KAc-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2509	H2B 71:90 K85me1 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KMe1-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2510	H2B 71:90 K85me2 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KMe2-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2511	H2B 71:90 K85me3 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KMe3-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2512	H2B 71:90 K85but (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KBut-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2513	H2B 71:90 K85prop (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KProp-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2514	H2B 71:90 K85mal (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KMal-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2515	H2B 71:90 K85suc (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAHYN-KSuc-RSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2516	H2B 71:90 pY83 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEASRLAH-pY-NKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2517	H2B 71:90 Cit79 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEAS-Cit-LAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2518	H2B 71:90 R79me1 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEAS-RMe1-LAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2519	H2B 71:90 R79me2a (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEAS-RMe2a-LAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2520	H2B 71:90 R79me2s (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEAS-RMe2s-LAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2521	H2B 71:90 pS78 (H2B.1\1B\1D\1H\1J\1K\1M\1N\1O\2E\2F)	Ac-ERiAGEA-pS-RLAHYNKRSTIT-BZ	P62807, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2522	H2B 71:90 K85ac (H2B.FS)	Ac-ERiAGEASRLPHYN-KAc-RSTIT-BZ	P57053
2523	H2B 71:90 K85me1 (H2B.FS)	Ac-ERiAGEASRLPHYN-KMe1-RSTIT-BZ	P57053
2524	H2B 71:90 K85me2 (H2B.FS)	Ac-ERiAGEASRLPHYN-KMe2-RSTIT-BZ	P57053
2525	H2B 71:90 K85me3 (H2B.FS)	Ac-ERiAGEASRLPHYN-KMe3-RSTIT-BZ	P57053
2526	H2B 71:90 K85but (H2B.FS)	Ac-ERiAGEASRLPHYN-KBut-RSTIT-BZ	P57053
2527	H2B 71:90 K85prop (H2B.FS)	Ac-ERiAGEASRLPHYN-KProp-RSTIT-BZ	P57053
2528	H2B 71:90 K85mal (H2B.FS)	Ac-ERiAGEASRLPHYN-KMal-RSTIT-BZ	P57053
2529	H2B 71:90 K85suc (H2B.FS)	Ac-ERiAGEASRLPHYN-KSuc-RSTIT-BZ	P57053
2530	H2B 71:90 pY83 (H2B.FS)	Ac-ERiAGEASRLPH-pY-NKRSTIT-BZ	P57053
2531	H2B 71:90 Cit79 (H2B.FS)	Ac-ERiAGEAS-Cit-LPHYNKRSTIT-BZ	P57053



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	Peptide Name	Peptide Sequence	Uniprot
2532	H2B 71:90 R79me1 (H2B.FS)	Ac-ERiAGEAS-RMe1-LPHYNKRSTIT-BZ	P57053
2533	H2B 71:90 R79me2a (H2B.FS)	Ac-ERiAGEAS-RMe2a-LPHYNKRSTIT-BZ	P57053
2534	H2B 71:90 R79me2s (H2B.FS)	Ac-ERiAGEAS-RMe2s-LPHYNKRSTIT-BZ	P57053
2535	H2B 71:90 pS78 (H2B.FS)	Ac-ERiAGEA-pS-RLPHYNKRSTIT-BZ	P57053
2536	H2B 72:91 K86ac (H2B.1A)	Ac-ERiASEASRLAHYS-KAc-RSTIS-BZ	Q96A08
2537	H2B 72:91 K86me1 (H2B.1A)	Ac-ERiASEASRLAHYS-KMe1-RSTIS-BZ	Q96A08
2538	H2B 72:91 K86me2 (H2B.1A)	Ac-ERiASEASRLAHYS-KMe2-RSTIS-BZ	Q96A08
2539	H2B 72:91 K86me3 (H2B.1A)	Ac-ERiASEASRLAHYS-KMe3-RSTIS-BZ	Q96A08
2540	H2B 72:91 K86but (H2B.1A)	Ac-ERiASEASRLAHYS-KBut-RSTIS-BZ	Q96A08
2541	H2B 72:91 K86pprop (H2B.1A)	Ac-ERiASEASRLAHYS-KProp-RSTIS-BZ	Q96A08
2542	H2B 72:91 K86mal (H2B.1A)	Ac-ERiASEASRLAHYS-KMal-RSTIS-BZ	Q96A08
2543	H2B 72:91 K86suc (H2B.1A)	Ac-ERiASEASRLAHYS-KSuc-RSTIS-BZ	Q96A08
2544	H2B 72:91 pS85 (H2B.1A)	Ac-ERiASEASRLAHY-pS-KRSTIS-BZ	Q96A08
2545	H2B 72:91 pY84 (H2B.1A)	Ac-ERiASEASRLAH-pY-SKRSTIS-BZ	Q96A08
2546	H2B 72:91 Cit80 (H2B.1A)	Ac-ERiASEAS-Cit-LAHYSKRSTIS-BZ	Q96A08
2547	H2B 72:91 R80me1 (H2B.1A)	Ac-ERiASEAS-RMe1-LAHYSKRSTIS-BZ	Q96A08
2548	H2B 72:91 R80me2a (H2B.1A)	Ac-ERiASEAS-RMe2a-LAHYSKRSTIS-BZ	Q96A08
2549	H2B 72:91 R80me2s (H2B.1A)	Ac-ERiASEAS-RMe2s-LAHYSKRSTIS-BZ	Q96A08
2550	H2B 72:91 pS79 (H2B.1A)	Ac-ERiASEA-pS-RLAHYSKRSTIS-BZ	Q96A08
2551	H2B 81:100 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2552	H2B 81:100 (H2B.3B)	Ac-AHYNKRSTITSREVQTAVRL-BZ	Q8N257
2553	H2B 82:101 (H2B.1A)	Ac-AHYSKRSTISSREIQTAVRL-BZ	Q96A08
2554	H2B 81:100 (H2B.FS)	Ac-PHYNKRSTITSREIQTAVRL-BZ	P57053
2555	H2B 81:100 Cit92 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTITS-Cit-EIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2556	H2B 81:100 R92me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTITS-RMe1-EIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2557	H2B 81:100 R92me2a (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTITS-RMe2a-EIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2558	H2B 81:100 R92me2s (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTITS-RMe2s-EIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2559	H2B 81:100 pS91 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTIT-pS-REIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2560	H2B 81:100 pT90 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTI-pT-SREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2561	H2B 81:100 pT88 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKRSTI-pT-ITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2562	H2B 81:100 pS87 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNKR-pS-TITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2563	H2B 81:100 Cit86 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNK-Cit-STITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2564	H2B 81:100 R86me1 (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNK-RMe1-STITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2565	H2B 81:100 R86me2a (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNK-RMe2a-STITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2566	H2B 81:100 R86me2s (H2B.1\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F)	Ac-AHYNK-RMe2s-STITSREIQTAVRL-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P06899, P23527, Q16778, P33778, Q5QNW6, P58876, O60814
2567	H2B 81:100 Cit92 (H2B.3B)	Ac-AHYNKRSTITS-Cit-EVQTAVRL-BZ	Q8N257
2568	H2B 81:100 R92me1 (H2B.3B)	Ac-AHYNKRSTITS-RMe1-EVQTAVRL-BZ	Q8N257
2569	H2B 81:100 R92me2a (H2B.3B)	Ac-AHYNKRSTITS-RMe2a-EVQTAVRL-BZ	Q8N257
2570	H2B 81:100 R92me2s (H2B.3B)	Ac-AHYNKRSTITS-RMe2s-EVQTAVRL-BZ	Q8N257
2571	H2B 81:100 pS91 (H2B.3B)	Ac-AHYNKRSTIT-pS-REVQTAVRL-BZ	Q8N257
2572	H2B 81:100 pT90 (H2B.3B)	Ac-AHYNKRSTI-pT-SREVQTAVRL-BZ	Q8N257
2573	H2B 81:100 pT88 (H2B.3B)	Ac-AHYNKRST-pT-ITSREVQTAVRL-BZ	Q8N257
2574	H2B 81:100 pS87 (H2B.3B)	Ac-AHYNKR-pS-TITSREVQTAVRL-BZ	Q8N257
2575	H2B 81:100 Cit86 (H2B.3B)	Ac-AHYNK-Cit-STITSREVQTAVRL-BZ	Q8N257
2576	H2B 81:100 R86me1 (H2B.3B)	Ac-AHYNK-RMe1-STITSREVQTAVRL-BZ	Q8N257
2577	H2B 81:100 R86me2a (H2B.3B)	Ac-AHYNK-RMe2a-STITSREVQTAVRL-BZ	Q8N257
2578	H2B 81:100 R86me2s (H2B.3B)	Ac-AHYNK-RMe2s-STITSREVQTAVRL-BZ	Q8N257
2579	H2B 82:101 Cit93 (H2B.1A)	Ac-AHYSKRSTISS-Cit-EIQTAVRL-BZ	Q96A08
2580	H2B 82:101 R93me1 (H2B.1A)	Ac-AHYSKRSTISS-RMe1-EIQTAVRL-BZ	Q96A08
2581	H2B 82:101 R93me2a (H2B.1A)	Ac-AHYSKRSTISS-RMe2a-EIQTAVRL-BZ	Q96A08
2582	H2B 82:101 R93me2s (H2B.1A)	Ac-AHYSKRSTISS-RMe2s-EIQTAVRL-BZ	Q96A08
2583	H2B 82:101 pS92 (H2B.1A)	Ac-AHYSKRSTIS-pS-REIQTAVRL-BZ	Q96A08
2584	H2B 82:101 pS91 (H2B.1A)	Ac-AHYSKRSTI-pS-SREIQTAVRL-BZ	Q96A08
2585	H2B 82:101 pT89 (H2B.1A)	Ac-AHYSKRS-pT-ISSREIQTAVRL-BZ	Q96A08
2586	H2B 82:101 pS88 (H2B.1A)	Ac-AHYSKR-pS-TISSREIQTAVRL-BZ	Q96A08
2587	H2B 82:101 Cit87 (H2B.1A)	Ac-AHYSK-Cit-STISSREIQTAVRL-BZ	Q96A08
2588	H2B 82:101 R87me1 (H2B.1A)	Ac-AHYSK-RMe1-STISSREIQTAVRL-BZ	Q96A08
2589	H2B 82:101 R87me2a (H2B.1A)	Ac-AHYSK-RMe2a-STISSREIQTAVRL-BZ	Q96A08
2590	H2B 82:101 R87me2s (H2B.1A)	Ac-AHYSK-RMe2s-STISSREIQTAVRL-BZ	Q96A08
2591	H2B 83:102 (H2B.3B)	Ac-YNKRSTITSREVQTAVRLLL-BZ	Q8N257
2592	H2B 83:102 pT96 (H2B.3B)	Ac-YNKRSTITSREVQ-pT-AVRLLL-BZ	Q8N257
2593	H2B 83:102 Cit92 (H2B.3B)	Ac-YNKRSTITS-Cit-EVQTAVRLLL-BZ	Q8N257
2594	H2B 83:102 R92me1 (H2B.3B)	Ac-YNKRSTITS-RMe1-EVQTAVRLLL-BZ	Q8N257
2595	H2B 83:102 R92me2a (H2B.3B)	Ac-YNKRSTITS-RMe2a-EVQTAVRLLL-BZ	Q8N257
2596	H2B 83:102 R92me2s (H2B.3B)	Ac-YNKRSTITS-RMe2s-EVQTAVRLLL-BZ	Q8N257
2597	H2B 83:102 pS91 (H2B.3B)	Ac-YNKRSTIT-pS-REVQTAVRLLL-BZ	Q8N257
2598	H2B 83:102 pT90 (H2B.3B)	Ac-YNKRSTI-pT-SREVQTAVRLLL-BZ	Q8N257
2599	H2B 83:102 pT88 (H2B.3B)	Ac-YNKRST-pT-ITSREVQTAVRLLL-BZ	Q8N257
2600	H2B 91\92:110\111 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQTAVRLLLPGLAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
2601	H2B 91\92:110\111 Cit99\100 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQTAV-Cit-LLLPGELAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814
2602	H2B 91\92:110\111 R99\100me1 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQTAV-RMe1-LLLPGELAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814
2603	H2B 91\92:110\111 R99\100me2a (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQTAV-RMe2a-LLLPGELAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814
2604	H2B 91\92:110\111 R99\100me2s (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQTAV-RMe2s-LLLPGELAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814
2605	H2B 91\92:110\111 pT96\97 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\FS)	Ac-SREIQ-pT-AVRLLLPGELAKHA-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q96A08, P58876, O60814
2606	H2B 95\96:114\115 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELAKHAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2607	H2B 95\96:114\115 K108\109ac (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KAc-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2608	H2B 95\96:114\115 K108\109me1 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KMe1-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2609	H2B 95\96:114\115 K108\109me2 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KMe2-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2610	H2B 95\96:114\115 K108\109me3 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KMe3-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2611	H2B 95\96:114\115 K108\109but (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KBut-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2612	H2B 95\96:114\115 K108\109prop (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KProp-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2613	H2B 95\96:114\115 K108\109mal (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KMal-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2614	H2B 95\96:114\115 K108\109suc (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-QTAVRLLLPGELA-KSuc-HAVSEG-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814



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Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
2615	H2B 101\102:120\121 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELAKHAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2616	H2B 101\102:120\121 pT115\116 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELAKHAVSEG-pT-KAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2617	H2B 101\102:120\121 pS112\113 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELAKHAV-pS-EGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2618	H2B 101\102:120\121 K108\109ac (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KAc-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2619	H2B 101\102:120\121 K108\109me1 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KMe1-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2620	H2B 101\102:120\121 K108\109me2 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KMe2-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2621	H2B 101\102:120\121 K108\109me3 (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KMe3-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2622	H2B 101\102:120\121 K108\109but (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KBut-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2623	H2B 101\102:120\121 K108\109prop (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KProp-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2624	H2B 101\102:120\121 K108\109mal (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KMal-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2625	H2B 101\102:120\121 K108\109suc (H2B.1\1A\1B\1D\1H\1J\1K\1L\1M\1N\1O\2E\2F\3B\FS)	Ac-LLPGELA-KSuc-HAVSEGTKAVTK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P57053, P06899, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876, O60814
2626	H2B 106:125 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSK-BZ	P57053, P06899, O60814
2627	H2B 106\107:125\126 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2628	H2B 106:125 K125ac (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KAc-BZ	P57053, P06899, O60814
2629	H2B 106:125 K125me1 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KMe1-BZ	P57053, P06899, O60814
2630	H2B 106:125 K125me2 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KMe2-BZ	P57053, P06899, O60814
2631	H2B 106:125 K125me3 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KMe3-BZ	P57053, P06899, O60814
2632	H2B 106:125 K125but (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KBut-BZ	P57053, P06899, O60814
2633	H2B 106:125 K125prop (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KProp-BZ	P57053, P06899, O60814
2634	H2B 106:125 K125mal (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KMal-BZ	P57053, P06899, O60814



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	Peptide Name	Peptide Sequence	Uniprot
2635	H2B 106:125 K125suc (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYTSA-KSuc-BZ	P57053, P06899, O60814
2636	H2B 106:125 pS123 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKYT-pS-AK-BZ	P57053, P06899, O60814
2637	H2B 106:125 pT122 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTKY-pT-SAK-BZ	P57053, P06899, O60814
2638	H2B 106:125 pY121 (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVTK-pY-TSAK-BZ	P57053, P06899, O60814
2639	H2B 106:125 K120ac (H2B.1J\1K\FS)	Ac-LAKHAVSEGTKAVT-KAc-YTSAK-BZ	P57053, P06899, O60814
2640	H2B 106:125 K116ac (H2B.1J\1K\FS)	Ac-LAKHAVSEGK-KAc-AVTKYTSK-BZ	P57053, P06899, O60814
2641	H2B 106:125 K108ac (H2B.1J\1K\FS)	Ac-LA-KAc-HAVSEGKAVTKYTSK-BZ	P57053, P06899, O60814
2642	H2B 106:125 K108me1 (H2B.1J\1K\FS)	Ac-LA-KMe1-HAVSEGKAVTKYTSK-BZ	P57053, P06899, O60814
2643	H2B 106\107:125\126 K125\126ac (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KAc-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2644	H2B 106\107:125\126 K125\126me1 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KMe1-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2645	H2B 106\107:125\126 K125\126me2 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KMe2-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2646	H2B 106\107:125\126 K125\126me3 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KMe3-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2647	H2B 106\107:125\126 K125\126but (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KBut-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2648	H2B 106\107:125\126 K125\126prop (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KProp-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2649	H2B 106\107:125\126 K125\126mal (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KMal-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2650	H2B 106\107:125\126 K125\126suc (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTSS-KSuc-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2651	H2B 106\107:125\126 pS124\125 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYTS-pS-K-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2652	H2B 106\107:125\126 pS123\124 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKYT-pS-SK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2653	H2B 106\107:125\126 pT122\123 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTKY-pT-SSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2654	H2B 106\107:125\126 pY121\122 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVTK-pY-TSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2655	H2B 106\107:125\126 K120\121ac (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KAc-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2656	H2B 106\107:125\126 K120\121me1 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KMe1-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2657	H2B 106\107:125\126 K120\121me2 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KMe2-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2658	H2B 106\107:125\126 K120\121me3 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KMe3-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2659	H2B 106\107:125\126 K120\121but (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KBut-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876



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	Peptide Name	Peptide Sequence	Uniprot
2660	H2B 106\107:125\126 K120\121prop (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KProp-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2661	H2B 106\107:125\126 K120\121mal (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KMal-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2662	H2B 106\107:125\126 K120\121suc (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAVT-KSuc-YTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2663	H2B 106\107:125\126 pT119\120 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGTKAV-pT-KYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2664	H2B 106\107:125\126 K116\117ac (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KAc-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2665	H2B 106\107:125\126 K116\117me1 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KMe1-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2666	H2B 106\107:125\126 K116\117me2 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KMe2-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2667	H2B 106\107:125\126 K116\117me3 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KMe3-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2668	H2B 106\107:125\126 K116\117but (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KBut-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2669	H2B 106\107:125\126 K116\117prop (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KProp-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2670	H2B 106\107:125\126 K116\117mal (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KMal-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2671	H2B 106\107:125\126 K116\117suc (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEGT-KSuc-AVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2672	H2B 106\107:125\126 pT115\116 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAVSEG-pT-KAVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2673	H2B 106\107:125\126 pS112\113 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LAKHAV-pS-EGTKAVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2674	H2B 106\107:125\126 K108\109ac (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LA-KAc-HAVSEGTKAVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2675	H2B 106\107:125\126 K108\109me1 (H2B.1\1A\1B\1D\1H\1L\1M\1N\1O\2E\2F\3B)	Ac-LA-KMe1-HAVSEGTKAVTKYTSSK-BZ	P62807, Q99880, Q99879, Q93079, Q99877, P23527, Q16778, P33778, Q5QNW6, Q8N257, Q96A08, P58876
2676	H3 1:20 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2677	H3 1:20 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2678	H3 1:20 K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAPR-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2679	H3 1:20 K18ac (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAPR-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2680	H3 1:20 K18me1 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAPR-KMe1-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2681	H3 1:20 K18me1 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAPR-KMe1-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2682	H3 1:20 K18me2 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAPR-KMe2-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2683	H3 1:20 K18me2 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAPR-KMe2-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2684	H3 1:20 K18me3 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAPR-KMe3-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2685	H3 1:20 K18me3 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAPR-KMe3-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2686	H3 1:20 Cit17 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-Cit-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2687	H3 1:20 Cit17 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAP-Cit-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2688	H3 1:20 R17me1 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-RMe1-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2689	H3 1:20 R17me1 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAP-RMe1-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2690	H3 1:20 R17me2a (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-RMe2a-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2691	H3 1:20 R17me2a (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAP-RMe2a-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2692	H3 1:20 R17me2s (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-RMe2s-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2693	H3 1:20 R17me2s (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGGKAP-RMe2s-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2694	H3 1:20 K14ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2695	H3 1:20 K14ac (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2696	H3 1:20 K14me1 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KMe1-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2697	H3 1:20 K14me1 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KMe1-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2698	H3 1:20 K14me2 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KMe2-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2699	H3 1:20 K14me2 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KMe2-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2700	H3 1:20 K14me3 (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KMe3-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2701	H3 1:20 K14me3 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KMe3-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2702	H3 1:20 K14but (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KBut-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2703	H3 1:20 K14but (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KBut-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2704	H3 1:20 K14prop (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KProp-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2705	H3 1:20 K14prop (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KProp-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2706	H3 1:20 K14mal (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KMal-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2707	H3 1:20 K14mal (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KMal-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2708	H3 1:20 K14suc (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KSuc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2709	H3 1:20 K14suc (H3.1\1t\2\3\3C)	Ac-ARTKQTARKSTGG-KSuc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2710	H3 1:20 pT11 (H3.1\1t\2\3\3C)	H-ARTKQTARKS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2711	H3 1:20 pT11 (H3.1\1t\2\3\3C)	Ac-ARTKQTARKS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2712	H3 1:20 pS10 (H3.1\1t\2\3\3C)	H-ARTKQTARK-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2713	H3 1:20 pS10 (H3.1\1t\2\3\3C)	Ac-ARTKQTARK-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2714	H3 1:20 K9ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2715	H3 1:20 K9ac (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2716	H3 1:20 K9me1 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2717	H3 1:20 K9me1 (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2718	H3 1:20 K9me2 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2719	H3 1:20 K9me2 (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2720	H3 1:20 K9me3 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2721	H3 1:20 K9me3 (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2722	H3 1:20 K9but (H3.1\1t\2\3\3C)	H-ARTKQTAR-KBut-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2723	H3 1:20 K9but (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KBut-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2724	H3 1:20 K9prop (H3.1\1t\2\3\3C)	H-ARTKQTAR-KProp-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2725	H3 1:20 K9prop (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KProp-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2726	H3 1:20 K9mal (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMal-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2727	H3 1:20 K9mal (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KMal-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2728	H3 1:20 K9suc (H3.1\1t\2\3\3C)	H-ARTKQTAR-KSuc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2729	H3 1:20 K9suc (H3.1\1t\2\3\3C)	Ac-ARTKQTAR-KSuc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2730	H3 1:20 Cit8 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2731	H3 1:20 Cit8 (H3.1\1t\2\3\3C)	Ac-ARTKQTA-Cit-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2732	H3 1:20 R8me1 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe1-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2733	H3 1:20 R8me1 (H3.1\1t\2\3\3C)	Ac-ARTKQTA-RMe1-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2734	H3 1:20 R8me2a (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2735	H3 1:20 R8me2a (H3.1\1t\2\3\3C)	Ac-ARTKQTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2736	H3 1:20 R8me2s (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2737	H3 1:20 R8me2s (H3.1\1t\2\3\3C)	Ac-ARTKQTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2738	H3 1:20 pT6 (H3.1\1t\2\3\3C)	H-ARTKQ-pT-ARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2739	H3 1:20 pT6 (H3.1\1t\2\3\3C)	Ac-ARTKQ-pT-ARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2740	H3 1:20 K4ac (H3.1\1t\2\3\3C)	H-ART-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2741	H3 1:20 K4ac (H3.1\1t\2\3\3C)	Ac-ART-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2742	H3 1:20 K4me1 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2743	H3 1:20 K4me1 (H3.1\1t\2\3\3C)	Ac-ART-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2744	H3 1:20 K4me2 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2745	H3 1:20 K4me2 (H3.1\1t\2\3\3C)	Ac-ART-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2746	H3 1:20 K4me3 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2747	H3 1:20 K4me3 (H3.1\1t\2\3\3C)	Ac-ART-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2748	H3 1:20 K4but (H3.1\1t\2\3\3C)	H-ART-KBut-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2749	H3 1:20 K4but (H3.1\1t\2\3\3C)	Ac-ART-KBut-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2750	H3 1:20 K4prop (H3.1\1t\2\3\3C)	H-ART-KProp-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2751	H3 1:20 K4prop (H3.1\1t\2\3\3C)	Ac-ART-KProp-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2752	H3 1:20 K4mal (H3.1\1t\2\3\3C)	H-ART-KMal-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2753	H3 1:20 K4mal (H3.1\1t\2\3\3C)	Ac-ART-KMal-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2754	H3 1:20 K4suc (H3.1\1t\2\3\3C)	H-ART-KSuc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2755	H3 1:20 K4suc (H3.1\1t\2\3\3C)	Ac-ART-KSuc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2756	H3 1:20 pT3 (H3.1\1t\2\3\3C)	H-AR-pT-KQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2757	H3 1:20 pT3 (H3.1\1t\2\3\3C)	Ac-AR-pT-KQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2758	H3 1:20 Cit2 (H3.1\1t\2\3\3C)	H-A-Cit-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2759	H3 1:20 Cit2 (H3.1\1t\2\3\3C)	Ac-A-Cit-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2760	H3 1:20 R2me1 (H3.1\1t\2\3\3C)	H-A-RMe1-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2761	H3 1:20 R2me1 (H3.1\1t\2\3\3C)	Ac-A-RMe1-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2762	H3 1:20 R2me2a (H3.1\1t\2\3\3C)	H-A-RMe2a-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2763	H3 1:20 R2me2a (H3.1\1t\2\3\3C)	Ac-A-RMe2a-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2764	H3 1:20 R2me2s (H3.1\1t\2\3\3C)	H-A-RMe2s-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2765	H3 1:20 R2me2s (H3.1\1t\2\3\3C)	Ac-A-RMe2s-TKQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2766	H3 1:20 Cit17 K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-Cit-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2767	H3 1:20 R17me2a K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-RMe2a-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2768	H3 1:20 R17me2s K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGGKAP-RMe2s-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2769	H3 1:20 K14ac K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-APR-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2770	H3 1:20 K14ac R17me2a (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-AP-RMe2a-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2771	H3 1:20 K14ac R17me2s (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-AP-RMe2s-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2772	H3 1:20 K14me3 R17me2a (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KMe3-AP-RMe2a-KQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2773	H3 1:20 pT11_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTARKS-pT-GG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2774	H3 1:20 pT11_K14me3 (H3.1\1t\2\3\3C)	H-ARTKQTARKS-pT-GG-KMe3-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2775	H3 1:20 pS10_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTARK-pS-TGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2776	H3 1:20 pS10_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTARK-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2777	H3 1:20 K9ac_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2778	H3 1:20 K9ac_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2779	H3 1:20 K9ac_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2780	H3 1:20 K9me1_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe1-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2781	H3 1:20 K9me1_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe1-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2782	H3 1:20 K9me1_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe1-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2783	H3 1:20 K9me2_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe2-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2784	H3 1:20 K9me2_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe2-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2785	H3 1:20 K9me2_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe2-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2786	H3 1:20 K9me3_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2787	H3 1:20 K9me3_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2788	H3 1:20 K9me3_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2789	H3 1:20 Cit8_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2790	H3 1:20 Cit8_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-K-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2791	H3 1:20 Cit8_K9ac (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2792	H3 1:20 Cit8_K9me1 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2793	H3 1:20 Cit8_K9me2 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2794	H3 1:20 Cit8_K9me3 (H3.1\1t\2\3\3C)	H-ARTKQTA-Cit-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2795	H3 1:20 R8me2a_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2796	H3 1:20 R8me2a_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-K-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2797	H3 1:20 R8me2a_K9ac (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2798	H3 1:20 R8me2a_K9me1 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2799	H3 1:20 R8me2a_K9me2 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2800	H3 1:20 R8me2a_K9me3 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2801	H3 1:20 R8me2s_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2802	H3 1:20 R8me2s_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-K-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2803	H3 1:20 R8me2s_K9ac (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2804	H3 1:20 R8me2s_K9me1 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2805	H3 1:20 R8me2s_K9me2 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2806	H3 1:20 R8me2s_K9me3 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2807	H3 1:20 K4me3_K9ac (H3.1\1t\2\3\3C)	H-ART-KMe3-QTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2808	H3 1:20 K4me3_K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2809	H3 1:20 pT3_K4ac (H3.1\1t\2\3\3C)	H-AR-pT-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2810	H3 1:20 pT3_K4me1 (H3.1\1t\2\3\3C)	H-AR-pT-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2811	H3 1:20 pT3_K4me2 (H3.1\1t\2\3\3C)	H-AR-pT-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2812	H3 1:20 pT3_K4me3 (H3.1\1t\2\3\3C)	H-AR-pT-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2813	H3 1:20 Cit2_K4ac (H3.1\1t\2\3\3C)	H-A-Cit-T-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2814	H3 1:20 Cit2_K4me1 (H3.1\1t\2\3\3C)	H-A-Cit-T-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2815	H3 1:20 Cit2_K4me2 (H3.1\1t\2\3\3C)	H-A-Cit-T-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2816	H3 1:20 Cit2_K4me3 (H3.1\1t\2\3\3C)	H-A-Cit-T-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2817	H3 1:20 Cit2_pT3 (H3.1\1t\2\3\3C)	H-A-Cit-pT-KQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2818	H3 1:20 R2me2a_K4ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2819	H3 1:20 R2me2a_K4me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2820	H3 1:20 R2me2a_K4me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2821	H3 1:20 R2me2a_K4me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2822	H3 1:20 R2me2a_pT3 (H3.1\1t\2\3\3C)	H-A-RMe2a-pT-KQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2823	H3 1:20 R2me2s_K4ac (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2824	H3 1:20 R2me2s_K4me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2825	H3 1:20 R2me2s_K4me2 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2826	H3 1:20 R2me2s_K4me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2827	H3 1:20 R2me2s_pT3 (H3.1\1t\2\3\3C)	H-A-RMe2s-pT-KQTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2828	H3 1:20 K14ac_R17me2a_K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-AP-RMe2a-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2829	H3 1:20 K14ac_R17me2s_K18ac (H3.1\1t\2\3\3C)	H-ARTKQTARKSTGG-KAc-AP-RMe2s-KAc-QL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2830	H3 1:20 pS10_pT11_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTARK-pS-pT-GG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2831	H3 1:20 pS10_pT11_K14me3 (H3.1\1t\2\3\3C)	H-ARTKQTARK-pS-pT-GG-KMe3-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2832	H3 1:20 K9ac_pS10_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-pS-TGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2833	H3 1:20 K9ac_pS10_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KAc-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2834	H3 1:20 K9me1_pS10_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe1-pS-TGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2835	H3 1:20 K9me2_pS10_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe2-pS-TGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2836	H3 1:20 K9me3_pS10_K14ac (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-pS-TGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2837	H3 1:20 K9me3_pS10_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTAR-KMe3-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2838	H3 1:20 R8me2a_K9ac_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KAc-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2839	H3 1:20 R8me2a_K9ac_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KAc-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2840	H3 1:20 R8me2a_K9me1_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe1-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2841	H3 1:20 R8me2a_K9me1_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe1-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2842	H3 1:20 R8me2a_K9me2_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe2-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2843	H3 1:20 R8me2a_K9me2_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe2-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2844	H3 1:20 R8me2a_K9me3_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe3-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2845	H3 1:20 R8me2a_K9me3_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe3-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2846	H3 1:20 R8me2s_K9ac_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KAc-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2847	H3 1:20 R8me2s_K9ac_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KAc-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2848	H3 1:20 R8me2s_K9me1_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe1-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2849	H3 1:20 R8me2s_K9me1_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe1-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2850	H3 1:20 R8me2s_K9me2_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe2-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2851	H3 1:20 R8me2s_K9me2_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe2-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2852	H3 1:20 R8me2s_K9me3_pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe3-S-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2853	H3 1:20 R8me2s_K9me3_pS10 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2s-KMe3-pS-TGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2854	H3 1:20 K4ac_K9ac_K14ac (H3.1\1t\2\3\3C)	H-ART-KAc-QTAR-KAc-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2855	H3 1:20 K4ac_R8me2a_K9ac (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2856	H3 1:20 K4ac_R8me2a_K9me1 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2857	H3 1:20 K4ac_R8me2a_K9me2 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2858	H3 1:20 K4ac_R8me2a_K9me3 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2859	H3 1:20 K4ac R8me2s K9ac (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2860	H3 1:20 K4ac R8me2s K9me1 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2861	H3 1:20 K4ac R8me2s K9me2 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2862	H3 1:20 K4ac R8me2s K9me3 (H3.1\1t\2\3\3C)	H-ART-KAc-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2863	H3 1:20 K4me1 K9ac K14ac (H3.1\1t\2\3\3C)	H-ART-KMe1-QTAR-KAc-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2864	H3 1:20 K4me1 R8me2a K9ac (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2865	H3 1:20 K4me1 R8me2a K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2866	H3 1:20 K4me1 R8me2a K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2867	H3 1:20 K4me1 R8me2a K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2868	H3 1:20 K4me1 R8me2s K9ac (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2869	H3 1:20 K4me1 R8me2s K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2870	H3 1:20 K4me1 R8me2s K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2871	H3 1:20 K4me1 R8me2s K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe1-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2872	H3 1:20 K4me2 K9ac K14ac (H3.1\1t\2\3\3C)	H-ART-KMe2-QTAR-KAc-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2873	H3 1:20 K4me2 R8me2a K9ac (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2874	H3 1:20 K4me2 R8me2a K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2875	H3 1:20 K4me2 R8me2a K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2876	H3 1:20 K4me2 R8me2a K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2877	H3 1:20 K4me2 R8me2s K9ac (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2878	H3 1:20 K4me2 R8me2s K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2879	H3 1:20 K4me2 R8me2s K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2880	H3 1:20 K4me2 R8me2s K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe2-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2881	H3 1:20 K4me3 K9ac K14ac (H3.1\1t\2\3\3C)	H-ART-KMe3-QTAR-KAc-STGG-KAc-APRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2882	H3 1:20 K4me3 R8me2a K9ac (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2883	H3 1:20 K4me3 R8me2a K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2884	H3 1:20 K4me3 R8me2a K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2885	H3 1:20 K4me3 R8me2a K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2886	H3 1:20 K4me3 R8me2s K9ac (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2887	H3 1:20 K4me3 R8me2s K9me1 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2888	H3 1:20 K4me3 R8me2s K9me2 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2889	H3 1:20 K4me3 R8me2s K9me3 (H3.1\1t\2\3\3C)	H-ART-KMe3-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2890	H3 1:20 R2me2a K4ac K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2891	H3 1:20 R2me2a K4ac K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2892	H3 1:20 R2me2a K4ac R8me2a (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2893	H3 1:20 R2me2a K4me1 K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2894	H3 1:20 R2me2a K4me1 K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2895	H3 1:20 R2me2a K4me1 R8me2a (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2896	H3 1:20 R2me2a K4me2 K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2897	H3 1:20 R2me2a K4me2 K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2898	H3 1:20 R2me2a K4me2 R8me2a (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2899	H3 1:20 R2me2a K4me3 K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe3-QTAR-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2900	H3 1:20 R2me2a K4me3 K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe3-QTAR-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2901	H3 1:20 R2me2a K4me3 R8me2a (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe3-QTA-RMe2a-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2902	H3 1:20 R2me2a pT3 K4ac (H3.1\1t\2\3\3C)	H-A-RMe2a-pT-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2903	H3 1:20 R2me2a pT3 K4me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-pT-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2904	H3 1:20 R2me2a pT3 K4me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-pT-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2905	H3 1:20 R2me2a pT3 K4me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-pT-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2906	H3 1:20 R2me2s K4ac K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KAc-QTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2907	H3 1:20 R2me2s K4ac K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KAc-QTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2908	H3 1:20 R2me2s K4ac R8me2s (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KAc-QTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2909	H3 1:20 R2me2s K4me1 K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe1-QTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2910	H3 1:20 R2me2s K4me1 K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe1-QTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2911	H3 1:20 R2me2s K4me1 R8me2s (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe1-QTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2912	H3 1:20 R2me2s K4me2 K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe2-QTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2913	H3 1:20 R2me2s K4me2 K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe2-QTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2914	H3 1:20 R2me2s K4me2 R8me2s (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe2-QTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2915	H3 1:20 R2me2s K4me3 K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTAR-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2916	H3 1:20 R2me2s K4me3 K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTAR-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2917	H3 1:20 R2me2s K4me3 R8me2s (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTA-RMe2s-KSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2918	H3 1:20 R2me2s pT3 K4ac (H3.1\1t\2\3\3C)	H-A-RMe2s-pT-KAc-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2919	H3 1:20 R2me2s pT3 K4me1 (H3.1\1t\2\3\3C)	H-A-RMe2s-pT-KMe1-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2920	H3 1:20 R2me2s pT3 K4me2 (H3.1\1t\2\3\3C)	H-A-RMe2s-pT-KMe2-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2921	H3 1:20 R2me2s pT3 K4me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-pT-KMe3-QTARKSTGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2922	H3 1:20 R8me2a K9ac pS10 pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KAc-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2923	H3 1:20 R8me2a K9me1 pS10 pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe1-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2924	H3 1:20 R8me2a K9me2 pS10 pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe2-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2925	H3 1:20 R8me2a K9me3 pS10 pT11 (H3.1\1t\2\3\3C)	H-ARTKQTA-RMe2a-KMe3-pS-pT-GGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2926	H3 1:20 R2me2a K4ac R8me2a K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2927	H3 1:20 R2me2a K4ac R8me2a K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2928	H3 1:20 R2me2a K4ac R8me2a K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2929	H3 1:20 R2me2a K4ac R8me2a K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2930	H3 1:20 R2me2a K4ac R8me2s K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2931	H3 1:20 R2me2a K4ac R8me2s K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2932	H3 1:20 R2me2a K4ac R8me2s K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2933	H3 1:20 R2me2a K4ac R8me2s K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KAc-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2934	H3 1:20 R2me2a K4me1 R8me2a K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2935	H3 1:20 R2me2a K4me1 R8me2a K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2936	H3 1:20 R2me2a K4me1 R8me2a K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2937	H3 1:20 R2me2a K4me1 R8me2a K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2a-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2938	H3 1:20 R2me2a K4me1 R8me2s K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2s-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2939	H3 1:20 R2me2a K4me1 R8me2s K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2s-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2940	H3 1:20 R2me2a K4me1 R8me2s K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2941	H3 1:20 R2me2a K4me1 R8me2s K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe1-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2942	H3 1:20 R2me2a K4me2 R8me2a K9ac (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTA-RMe2a-KAc-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2943	H3 1:20 R2me2a K4me2 R8me2a K9me1 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTA-RMe2a-KMe1-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2944	H3 1:20 R2me2a K4me2 R8me2a K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2a-T-KMe2-QTA-RMe2a-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
2988	H3 1:20 R2me2s K4me3 R8me2s K9me2 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTA-RMe2s-KMe2-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2989	H3 1:20 R2me2s K4me3 R8me2s K9me3 (H3.1\1t\2\3\3C)	H-A-RMe2s-T-KMe3-QTA-RMe2s-KMe3-STGGKAPRKQL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
2990	H3 11:30 (H3.1\2\3)	Ac-TGGKAPRKQLATKAARKSAP-BZ	Q71DI3, P84243, P68431
2991	H3 11:30 (H3.3C)	Ac-TGGKAPRKQLATKAARKSTP-BZ	Q6NXT2
2992	H3 11:30 (H3.1t)	Ac-TGGKAPRKQLATKVARKSAP-BZ	Q16695
2993	H3 11:30 K23ac (H3.1\2\3)	Ac-TGGKAPRKQLAT-KAc-AARKSAP-BZ	Q71DI3, P84243, P68431
2994	H3 11:30 K23me1 (H3.1\2\3)	Ac-TGGKAPRKQLAT-KMe1-AARKSAP-BZ	Q71DI3, P84243, P68431
2995	H3 11:30 K23me2 (H3.1\2\3)	Ac-TGGKAPRKQLAT-KMe2-AARKSAP-BZ	Q71DI3, P84243, P68431
2996	H3 11:30 K23me3 (H3.1\2\3)	Ac-TGGKAPRKQLAT-KMe3-AARKSAP-BZ	Q71DI3, P84243, P68431
2997	H3 11:30 K23but (H3.1\2\3)	Ac-TGGKAPRKQLAT-KBut-AARKSAP-BZ	Q71DI3, P84243, P68431
2998	H3 11:30 K23prop (H3.1\2\3)	Ac-TGGKAPRKQLAT-KProp-AARKSAP-BZ	Q71DI3, P84243, P68431
2999	H3 11:30 K23mal (H3.1\2\3)	Ac-TGGKAPRKQLAT-KMal-AARKSAP-BZ	Q71DI3, P84243, P68431
3000	H3 11:30 K23suc (H3.1\2\3)	Ac-TGGKAPRKQLAT-KSuc-AARKSAP-BZ	Q71DI3, P84243, P68431
3001	H3 11:30 pT22 (H3.1\2\3)	Ac-TGGKAPRKQLA-pT-KAARKSAP-BZ	Q71DI3, P84243, P68431
3002	H3 11:30 K18ac (H3.1\2\3)	Ac-TGGKAPR-KAc-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3003	H3 11:30 K18me1 (H3.1\2\3)	Ac-TGGKAPR-KMe1-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3004	H3 11:30 K18me2 (H3.1\2\3)	Ac-TGGKAPR-KMe2-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3005	H3 11:30 K18me3 (H3.1\2\3)	Ac-TGGKAPR-KMe3-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3006	H3 11:30 K18but (H3.1\2\3)	Ac-TGGKAPR-KBut-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3007	H3 11:30 K18prop (H3.1\2\3)	Ac-TGGKAPR-KProp-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3008	H3 11:30 K18mal (H3.1\2\3)	Ac-TGGKAPR-KMal-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3009	H3 11:30 K18suc (H3.1\2\3)	Ac-TGGKAPR-KSuc-QLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3010	H3 11:30 Cit17 (H3.1\2\3)	Ac-TGGKAP-Cit-KQLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3011	H3 11:30 R17me1 (H3.1\2\3)	Ac-TGGKAP-RMe1-KQLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3012	H3 11:30 R17me2a (H3.1\2\3)	Ac-TGGKAP-RMe2a-KQLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3013	H3 11:30 R17me2s (H3.1\2\3)	Ac-TGGKAP-RMe2s-KQLATKAARKSAP-BZ	Q71DI3, P84243, P68431
3014	H3 11:30 K23ac (H3.1t)	Ac-TGGKAPRKQLAT-KAc-VARKSAP-BZ	Q16695
3015	H3 11:30 K23me1 (H3.1t)	Ac-TGGKAPRKQLAT-KMe1-VARKSAP-BZ	Q16695
3016	H3 11:30 K23me2 (H3.1t)	Ac-TGGKAPRKQLAT-KMe2-VARKSAP-BZ	Q16695
3017	H3 11:30 K23me3 (H3.1t)	Ac-TGGKAPRKQLAT-KMe3-VARKSAP-BZ	Q16695
3018	H3 11:30 K23but (H3.1t)	Ac-TGGKAPRKQLAT-KBut-VARKSAP-BZ	Q16695
3019	H3 11:30 K23prop (H3.1t)	Ac-TGGKAPRKQLAT-KProp-VARKSAP-BZ	Q16695
3020	H3 11:30 K23mal (H3.1t)	Ac-TGGKAPRKQLAT-KMal-VARKSAP-BZ	Q16695
3021	H3 11:30 K23suc (H3.1t)	Ac-TGGKAPRKQLAT-KSuc-VARKSAP-BZ	Q16695
3022	H3 11:30 pT22 (H3.1t)	Ac-TGGKAPRKQLA-pT-KVARKSAP-BZ	Q16695
3023	H3 11:30 K18ac (H3.1t)	Ac-TGGKAPR-KAc-QLATKVARKSAP-BZ	Q16695
3024	H3 11:30 K18me1 (H3.1t)	Ac-TGGKAPR-KMe1-QLATKVARKSAP-BZ	Q16695
3025	H3 11:30 K18me2 (H3.1t)	Ac-TGGKAPR-KMe2-QLATKVARKSAP-BZ	Q16695
3026	H3 11:30 K18me3 (H3.1t)	Ac-TGGKAPR-KMe3-QLATKVARKSAP-BZ	Q16695
3027	H3 11:30 K18but (H3.1t)	Ac-TGGKAPR-KBut-QLATKVARKSAP-BZ	Q16695
3028	H3 11:30 K18prop (H3.1t)	Ac-TGGKAPR-KProp-QLATKVARKSAP-BZ	Q16695
3029	H3 11:30 K18mal (H3.1t)	Ac-TGGKAPR-KMal-QLATKVARKSAP-BZ	Q16695
3030	H3 11:30 K18suc (H3.1t)	Ac-TGGKAPR-KSuc-QLATKVARKSAP-BZ	Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3031	H3 11:30 Cit17 (H3.1t)	Ac-TGGKAP-Cit-KQLATKVARKSAP-BZ	Q16695
3032	H3 11:30 R17me1 (H3.1t)	Ac-TGGKAP-RMe1-KQLATKVARKSAP-BZ	Q16695
3033	H3 11:30 R17me2a (H3.1t)	Ac-TGGKAP-RMe2a-KQLATKVARKSAP-BZ	Q16695
3034	H3 11:30 R17me2s (H3.1t)	Ac-TGGKAP-RMe2s-KQLATKVARKSAP-BZ	Q16695
3035	H3 21:40 (H3.1\2)	Ac-ATKAARKSAPATGGVKKPHR-BZ	Q71DI3, P68431
3036	H3 21:40 (H3.3)	Ac-ATKAARKSAPSTGGVKKPHR-BZ	P84243
3037	H3 21:40 (H3.3C)	Ac-ATKAARKSTPSTCGVKPHRY-BZ	Q6NXT2
3038	H3 21:40 (H3.1t)	Ac-ATKVARKSAPATGGVKKPHR-BZ	Q16695
3039	H3 21:40 pT32 (H3.1\2)	Ac-ATKAARKSAPA-pT-GGVKKPHR-BZ	Q71DI3, P68431
3040	H3 21:40 pS28 (H3.1\2)	Ac-ATKAARK-pS-APATGGVKKPHR-BZ	Q71DI3, P68431
3041	H3 21:40 K27ac (H3.1\2)	Ac-ATKAAR-KAc-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3042	H3 21:40 K27me1 (H3.1\2)	Ac-ATKAAR-KMe1-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3043	H3 21:40 K27me2 (H3.1\2)	Ac-ATKAAR-KMe2-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3044	H3 21:40 K27me3 (H3.1\2)	Ac-ATKAAR-KMe3-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3045	H3 21:40 K27but (H3.1\2)	Ac-ATKAAR-KBut-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3046	H3 21:40 K27prop (H3.1\2)	Ac-ATKAAR-KProp-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3047	H3 21:40 K27mal (H3.1\2)	Ac-ATKAAR-KMal-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3048	H3 21:40 K27suc (H3.1\2)	Ac-ATKAAR-KSuc-SAPATGGVKKPHR-BZ	Q71DI3, P68431
3049	H3 21:40 Cit26 (H3.1\2)	Ac-ATKAA-Cit-KSAPATGGVKKPHR-BZ	Q71DI3, P68431
3050	H3 21:40 R26me1 (H3.1\2)	Ac-ATKAA-RMe1-KSAPATGGVKKPHR-BZ	Q71DI3, P68431
3051	H3 21:40 R26me2a (H3.1\2)	Ac-ATKAA-RMe2a-KSAPATGGVKKPHR-BZ	Q71DI3, P68431
3052	H3 21:40 R26me2s (H3.1\2)	Ac-ATKAA-RMe2s-KSAPATGGVKKPHR-BZ	Q71DI3, P68431
3053	H3 21:40 pT32 (H3.3)	Ac-ATKAARKSAPS-pT-GGVKKPHR-BZ	P84243
3054	H3 21:40 pS31 (H3.3)	Ac-ATKAARKSAP-pS-TGGVKKPHR-BZ	P84243
3055	H3 21:40 pS28 (H3.3)	Ac-ATKAARK-pS-APSTGGVKKPHR-BZ	P84243
3056	H3 21:40 K27ac (H3.3)	Ac-ATKAAR-KAc-SAPSTGGVKKPHR-BZ	P84243
3057	H3 21:40 K27me1 (H3.3)	Ac-ATKAAR-KMe1-SAPSTGGVKKPHR-BZ	P84243
3058	H3 21:40 K27me2 (H3.3)	Ac-ATKAAR-KMe2-SAPSTGGVKKPHR-BZ	P84243
3059	H3 21:40 K27me3 (H3.3)	Ac-ATKAAR-KMe3-SAPSTGGVKKPHR-BZ	P84243
3060	H3 21:40 K27but (H3.3)	Ac-ATKAAR-KBut-SAPSTGGVKKPHR-BZ	P84243
3061	H3 21:40 K27prop (H3.3)	Ac-ATKAAR-KProp-SAPSTGGVKKPHR-BZ	P84243
3062	H3 21:40 K27mal (H3.3)	Ac-ATKAAR-KMal-SAPSTGGVKKPHR-BZ	P84243
3063	H3 21:40 K27suc (H3.3)	Ac-ATKAAR-KSuc-SAPSTGGVKKPHR-BZ	P84243
3064	H3 21:40 Cit26 (H3.3)	Ac-ATKAA-Cit-KSAPSTGGVKKPHR-BZ	P84243
3065	H3 21:40 R26me1 (H3.3)	Ac-ATKAA-RMe1-KSAPSTGGVKKPHR-BZ	P84243
3066	H3 21:40 R26me2a (H3.3)	Ac-ATKAA-RMe2a-KSAPSTGGVKKPHR-BZ	P84243
3067	H3 21:40 R26me2s (H3.3)	Ac-ATKAA-RMe2s-KSAPSTGGVKKPHR-BZ	P84243
3068	H3 21:40 pT32 (H3.3C)	Ac-ATKAARKSTPS-pT-CGVKPHRY-BZ	Q6NXT2
3069	H3 21:40 pS31 (H3.3C)	Ac-ATKAARKSTP-pS-TCGVKPHRY-BZ	Q6NXT2
3070	H3 21:40 pT29 (H3.3C)	Ac-ATKAARKS-pT-PSTCGVKPHRY-BZ	Q6NXT2
3071	H3 21:40 pS28 (H3.3C)	Ac-ATKAARK-pS-TPSTCGVKPHRY-BZ	Q6NXT2
3072	H3 21:40 K27ac (H3.3C)	Ac-ATKAAR-KAc-STPSTCGVKPHRY-BZ	Q6NXT2
3073	H3 21:40 K27me1 (H3.3C)	Ac-ATKAAR-KMe1-STPSTCGVKPHRY-BZ	Q6NXT2



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	Peptide Name	Peptide Sequence	Uniprot
3074	H3 21:40 K27me2 (H3.3C)	Ac-ATKAAR-KMe2-STPSTCGVKPHRY-BZ	Q6NXT2
3075	H3 21:40 K27me3 (H3.3C)	Ac-ATKAAR-KMe3-STPSTCGVKPHRY-BZ	Q6NXT2
3076	H3 21:40 K27but (H3.3C)	Ac-ATKAAR-KBut-STPSTCGVKPHRY-BZ	Q6NXT2
3077	H3 21:40 K27prop (H3.3C)	Ac-ATKAAR-KProp-STPSTCGVKPHRY-BZ	Q6NXT2
3078	H3 21:40 K27mal (H3.3C)	Ac-ATKAAR-KMal-STPSTCGVKPHRY-BZ	Q6NXT2
3079	H3 21:40 K27suc (H3.3C)	Ac-ATKAAR-KSuc-STPSTCGVKPHRY-BZ	Q6NXT2
3080	H3 21:40 Cit26 (H3.3C)	Ac-ATKAA-Cit-KSTPSTCGVKPHRY-BZ	Q6NXT2
3081	H3 21:40 R26me1 (H3.3C)	Ac-ATKAA-RMe1-KSTPSTCGVKPHRY-BZ	Q6NXT2
3082	H3 21:40 R26me2a (H3.3C)	Ac-ATKAA-RMe2a-KSTPSTCGVKPHRY-BZ	Q6NXT2
3083	H3 21:40 R26me2s (H3.3C)	Ac-ATKAA-RMe2s-KSTPSTCGVKPHRY-BZ	Q6NXT2
3084	H3 23:42 (H3.1\2)	Ac-KAARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3085	H3 23:42 (H3.3)	Ac-KAARKSAPSTGGVKKPHRYR-BZ	P84243
3086	H3 23:42 (H3.3C)	Ac-KAARKSTPSTCGVKPHRYR-BZ	Q6NXT2
3087	H3 23:42 (H3.1t)	Ac-KVARKSAPATGGVKKPHRYR-BZ	Q16695
3088	H3 23:42 R42me1 (H3.1\2)	Ac-KAARKSAPATGGVKKPHRY-RMe1-BZ	Q71DI3, P68431
3089	H3 23:42 R42me2a (H3.1\2)	Ac-KAARKSAPATGGVKKPHRY-RMe2a-BZ	Q71DI3, P68431
3090	H3 23:42 R42me2s (H3.1\2)	Ac-KAARKSAPATGGVKKPHRY-RMe2s-BZ	Q71DI3, P68431
3091	H3 23:42 pY41 (H3.1\2)	Ac-KAARKSAPATGGVKKPHR-pY-R-BZ	Q71DI3, P68431
3092	H3 23:42 K37me1 (H3.1\2)	Ac-KAARKSAPATGGVK-KMe1-PHRYR-BZ	Q71DI3, P68431
3093	H3 23:42 K37me2 (H3.1\2)	Ac-KAARKSAPATGGVK-KMe2-PHRYR-BZ	Q71DI3, P68431
3094	H3 23:42 K37me3 (H3.1\2)	Ac-KAARKSAPATGGVK-KMe3-PHRYR-BZ	Q71DI3, P68431
3095	H3 23:42 K36ac (H3.1\2)	Ac-KAARKSAPATGGV-KAc-KPHRYR-BZ	Q71DI3, P68431
3096	H3 23:42 K36me1 (H3.1\2)	Ac-KAARKSAPATGGV-KMe1-KPHRYR-BZ	Q71DI3, P68431
3097	H3 23:42 K36me2 (H3.1\2)	Ac-KAARKSAPATGGV-KMe2-KPHRYR-BZ	Q71DI3, P68431
3098	H3 23:42 K36me3 (H3.1\2)	Ac-KAARKSAPATGGV-KMe3-KPHRYR-BZ	Q71DI3, P68431
3099	H3 23:42 pT32 (H3.1\2)	Ac-KAARKSAPA-pT-GGVKKPHRYR-BZ	Q71DI3, P68431
3100	H3 23:42 pS28 (H3.1\2)	Ac-KAARK-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3101	H3 23:42 K27ac (H3.1\2)	Ac-KAAR-KAc-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3102	H3 23:42 K27me1 (H3.1\2)	Ac-KAAR-KMe1-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3103	H3 23:42 K27me2 (H3.1\2)	Ac-KAAR-KMe2-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3104	H3 23:42 K27me3 (H3.1\2)	Ac-KAAR-KMe3-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3105	H3 23:42 K27but (H3.1\2)	Ac-KAAR-KBut-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3106	H3 23:42 Cit26 (H3.1\2)	Ac-KAA-Cit-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3107	H3 23:42 R26me1 (H3.1\2)	Ac-KAA-RMe1-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3108	H3 23:42 R26me2a (H3.1\2)	Ac-KAA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3109	H3 23:42 R26me2s (H3.1\2)	Ac-KAA-RMe2s-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3110	H3 23:42 K23ac (H3.1\2)	Ac-KAc-AARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3111	H3 23:42 K23me1 (H3.1\2)	Ac-KMe1-AARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3112	H3 23:42 K23me2 (H3.1\2)	Ac-KMe2-AARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3113	H3 23:42 K23me3 (H3.1\2)	Ac-KMe3-AARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3114	H3 23:42 K23prop (H3.1\2)	Ac-KProp-AARKSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3115	H3 23:42 R42me1 (H3.3)	Ac-KAARKSAPSTGGVKKPHRY-RMe1-BZ	P84243
3116	H3 23:42 R42me2a (H3.3)	Ac-KAARKSAPSTGGVKKPHRY-RMe2a-BZ	P84243



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	Peptide Name	Peptide Sequence	Uniprot
3117	H3 23:42 R42me2s (H3.3)	Ac-KAARKSAPSTGGVKKPHRY-RMe2s-BZ	P84243
3118	H3 23:42 pY41 (H3.3)	Ac-KAARKSAPSTGGVKKPHR-pY-R-BZ	P84243
3119	H3 23:42 K37me1 (H3.3)	Ac-KAARKSAPSTGGVK-KMe1-PHRYR-BZ	P84243
3120	H3 23:42 K37me2 (H3.3)	Ac-KAARKSAPSTGGVK-KMe2-PHRYR-BZ	P84243
3121	H3 23:42 K37me3 (H3.3)	Ac-KAARKSAPSTGGVK-KMe3-PHRYR-BZ	P84243
3122	H3 23:42 K36ac (H3.3)	Ac-KAARKSAPSTGGV-KAc-KPHRYR-BZ	P84243
3123	H3 23:42 K36me1 (H3.3)	Ac-KAARKSAPSTGGV-KMe1-KPHRYR-BZ	P84243
3124	H3 23:42 K36me2 (H3.3)	Ac-KAARKSAPSTGGV-KMe2-KPHRYR-BZ	P84243
3125	H3 23:42 K36me3 (H3.3)	Ac-KAARKSAPSTGGV-KMe3-KPHRYR-BZ	P84243
3126	H3 23:42 pT32 (H3.3)	Ac-KAARKSAPS-pT-GGVKKPHRYR-BZ	P84243
3127	H3 23:42 pS31 (H3.3)	Ac-KAARKSAP-pS-TGGVKKPHRYR-BZ	P84243
3128	H3 23:42 pS28 (H3.3)	Ac-KAARK-pS-APSTGGVKKPHRYR-BZ	P84243
3129	H3 23:42 K27ac (H3.3)	Ac-KAAR-KAc-SAPSTGGVKKPHRYR-BZ	P84243
3130	H3 23:42 K27me1 (H3.3)	Ac-KAAR-KMe1-SAPSTGGVKKPHRYR-BZ	P84243
3131	H3 23:42 K27me2 (H3.3)	Ac-KAAR-KMe2-SAPSTGGVKKPHRYR-BZ	P84243
3132	H3 23:42 K27me3 (H3.3)	Ac-KAAR-KMe3-SAPSTGGVKKPHRYR-BZ	P84243
3133	H3 23:42 K27but (H3.3)	Ac-KAAR-KBut-SAPSTGGVKKPHRYR-BZ	P84243
3134	H3 23:42 Cit26 (H3.3)	Ac-KAA-Cit-KSAPSTGGVKKPHRYR-BZ	P84243
3135	H3 23:42 R26me1 (H3.3)	Ac-KAA-RMe1-KSAPSTGGVKKPHRYR-BZ	P84243
3136	H3 23:42 R26me2a (H3.3)	Ac-KAA-RMe2a-KSAPSTGGVKKPHRYR-BZ	P84243
3137	H3 23:42 R26me2s (H3.3)	Ac-KAA-RMe2s-KSAPSTGGVKKPHRYR-BZ	P84243
3138	H3 23:42 K23ac (H3.3)	Ac-KAc-AARKSAPSTGGVKKPHRYR-BZ	P84243
3139	H3 23:42 K23me1 (H3.3)	Ac-KMe1-AARKSAPSTGGVKKPHRYR-BZ	P84243
3140	H3 23:42 K23me2 (H3.3)	Ac-KMe2-AARKSAPSTGGVKKPHRYR-BZ	P84243
3141	H3 23:42 K23me3 (H3.3)	Ac-KMe3-AARKSAPSTGGVKKPHRYR-BZ	P84243
3142	H3 23:42 K23prop (H3.3)	Ac-KProp-AARKSAPSTGGVKKPHRYR-BZ	P84243
3143	H3 23:42 Cit41 (H3.3C)	Ac-KAARKSTPSTCGVKPHRY-Cit-P-BZ	Q6NXT2
3144	H3 23:42 R41me1 (H3.3C)	Ac-KAARKSTPSTCGVKPHRY-RMe1-P-BZ	Q6NXT2
3145	H3 23:42 R41me2a (H3.3C)	Ac-KAARKSTPSTCGVKPHRY-RMe2a-P-BZ	Q6NXT2
3146	H3 23:42 R41me2s (H3.3C)	Ac-KAARKSTPSTCGVKPHRY-RMe2s-P-BZ	Q6NXT2
3147	H3 23:42 pY40 (H3.3C)	Ac-KAARKSTPSTCGVKPHR-pY-RP-BZ	Q6NXT2
3148	H3 23:42 pT32 (H3.3C)	Ac-KAARKSTPS-pT-CGVKPHRYRP-BZ	Q6NXT2
3149	H3 23:42 pS31 (H3.3C)	Ac-KAARKSTP-pS-TCGVKPHRYRP-BZ	Q6NXT2
3150	H3 23:42 pS28 (H3.3C)	Ac-KAARK-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3151	H3 23:42 K27ac (H3.3C)	Ac-KAAR-KAc-STPSTCGVKPHRYRP-BZ	Q6NXT2
3152	H3 23:42 K27me1 (H3.3C)	Ac-KAAR-KMe1-STPSTCGVKPHRYRP-BZ	Q6NXT2
3153	H3 23:42 K27me2 (H3.3C)	Ac-KAAR-KMe2-STPSTCGVKPHRYRP-BZ	Q6NXT2
3154	H3 23:42 K27me3 (H3.3C)	Ac-KAAR-KMe3-STPSTCGVKPHRYRP-BZ	Q6NXT2
3155	H3 23:42 K27but (H3.3C)	Ac-KAAR-KBut-STPSTCGVKPHRYRP-BZ	Q6NXT2
3156	H3 23:42 Cit26 (H3.3C)	Ac-KAA-Cit-KSTPSTCGVKPHRYRP-BZ	Q6NXT2
3157	H3 23:42 R26me1 (H3.3C)	Ac-KAA-RMe1-KSTPSTCGVKPHRYRP-BZ	Q6NXT2
3158	H3 23:42 R26me2a (H3.3C)	Ac-KAA-RMe2a-KSTPSTCGVKPHRYRP-BZ	Q6NXT2
3159	H3 23:42 R26me2s (H3.3C)	Ac-KAA-RMe2s-KSTPSTCGVKPHRYRP-BZ	Q6NXT2



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	Peptide Name	Peptide Sequence	Uniprot
3160	H3 23:42 K23ac (H3.3C)	Ac-KAc-AARKSTPSTCGVKKPHRYR-BZ	Q6NXT2
3161	H3 23:42 K23me1 (H3.3C)	Ac-KMe1-AARKSTPSTCGVKKPHRYR-BZ	Q6NXT2
3162	H3 23:42 K23me2 (H3.3C)	Ac-KMe2-AARKSTPSTCGVKKPHRYR-BZ	Q6NXT2
3163	H3 23:42 K23me3 (H3.3C)	Ac-KMe3-AARKSTPSTCGVKKPHRYR-BZ	Q6NXT2
3164	H3 23:42 K23prop (H3.3C)	Ac-KProp-AARKSTPSTCGVKKPHRYR-BZ	Q6NXT2
3165	H3 23:42 R42me1 (H3.1t)	Ac-KVARKSAPATGGVKKPHRY-RMe1-BZ	Q16695
3166	H3 23:42 R42me2a (H3.1t)	Ac-KVARKSAPATGGVKKPHRY-RMe2a-BZ	Q16695
3167	H3 23:42 R42me2s (H3.1t)	Ac-KVARKSAPATGGVKKPHRY-RMe2s-BZ	Q16695
3168	H3 23:42 pY41 (H3.1t)	Ac-KVARKSAPATGGVKKPHR-pY-R-BZ	Q16695
3169	H3 23:42 K37me1 (H3.1t)	Ac-KVARKSAPATGGVK-KMe1-PHRYR-BZ	Q16695
3170	H3 23:42 K37me2 (H3.1t)	Ac-KVARKSAPATGGVK-KMe2-PHRYR-BZ	Q16695
3171	H3 23:42 K37me3 (H3.1t)	Ac-KVARKSAPATGGVK-KMe3-PHRYR-BZ	Q16695
3172	H3 23:42 K36ac (H3.1t)	Ac-KVARKSAPATGGV-KAc-KPHRYR-BZ	Q16695
3173	H3 23:42 K36me1 (H3.1t)	Ac-KVARKSAPATGGV-KMe1-KPHRYR-BZ	Q16695
3174	H3 23:42 K36me2 (H3.1t)	Ac-KVARKSAPATGGV-KMe2-KPHRYR-BZ	Q16695
3175	H3 23:42 K36me3 (H3.1t)	Ac-KVARKSAPATGGV-KMe3-KPHRYR-BZ	Q16695
3176	H3 23:42 pT32 (H3.1t)	Ac-KVARKSAPA-pT-GGVKKPHRYR-BZ	Q16695
3177	H3 23:42 pS28 (H3.1t)	Ac-KVARK-pS-APATGGVKKPHRYR-BZ	Q16695
3178	H3 23:42 K27ac (H3.1t)	Ac-KVAR-KAc-SAPATGGVKKPHRYR-BZ	Q16695
3179	H3 23:42 K27me1 (H3.1t)	Ac-KVAR-KMe1-SAPATGGVKKPHRYR-BZ	Q16695
3180	H3 23:42 K27me2 (H3.1t)	Ac-KVAR-KMe2-SAPATGGVKKPHRYR-BZ	Q16695
3181	H3 23:42 K27me3 (H3.1t)	Ac-KVAR-KMe3-SAPATGGVKKPHRYR-BZ	Q16695
3182	H3 23:42 K27but (H3.1t)	Ac-KVAR-KBut-SAPATGGVKKPHRYR-BZ	Q16695
3183	H3 23:42 Cit26 (H3.1t)	Ac-KVA-Cit-KSAPATGGVKKPHRYR-BZ	Q16695
3184	H3 23:42 R26me1 (H3.1t)	Ac-KVA-RMe1-KSAPATGGVKKPHRYR-BZ	Q16695
3185	H3 23:42 R26me2a (H3.1t)	Ac-KVA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q16695
3186	H3 23:42 R26me2s (H3.1t)	Ac-KVA-RMe2s-KSAPATGGVKKPHRYR-BZ	Q16695
3187	H3 23:42 K23ac (H3.1t)	Ac-KAc-VARKSAPATGGVKKPHRYR-BZ	Q16695
3188	H3 23:42 K23me1 (H3.1t)	Ac-KMe1-VARKSAPATGGVKKPHRYR-BZ	Q16695
3189	H3 23:42 K23me2 (H3.1t)	Ac-KMe2-VARKSAPATGGVKKPHRYR-BZ	Q16695
3190	H3 23:42 K23me3 (H3.1t)	Ac-KMe3-VARKSAPATGGVKKPHRYR-BZ	Q16695
3191	H3 23:42 K23prop (H3.1t)	Ac-KProp-VARKSAPATGGVKKPHRYR-BZ	Q16695
3192	H3 23:42 K36me3 K37me3 (H3.1\2)	Ac-KAARKSAPATGGV-KMe3-KMe3-PHRYR-BZ	Q71DI3, P68431
3193	H3 23:42 pT32 K37me3 (H3.1\2)	Ac-KAARKSAPA-pT-GGVK-KMe3-PHRYR-BZ	Q71DI3, P68431
3194	H3 23:42 pT32 K36me3 (H3.1\2)	Ac-KAARKSAPA-pT-GGV-KMe3-KPHRYR-BZ	Q71DI3, P68431
3195	H3 23:42 pS28_pT32 (H3.1\2)	Ac-KAARK-pS-APA-pT-GGVKKPHRYR-BZ	Q71DI3, P68431
3196	H3 23:42 K27ac_pS28 (H3.1\2)	Ac-KAAR-KAc-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3197	H3 23:42 K27me1_pS28 (H3.1\2)	Ac-KAAR-KMe1-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3198	H3 23:42 K27me2_pS28 (H3.1\2)	Ac-KAAR-KMe2-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3199	H3 23:42 K27me3_pS28 (H3.1\2)	Ac-KAAR-KMe3-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3200	H3 23:42 Cit26_pS28 (H3.1\2)	Ac-KAA-Cit-K-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3201	H3 23:42 Cit26 K27me1 (H3.1\2)	Ac-KAA-Cit-KMe1-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3202	H3 23:42 Cit26 K27me2 (H3.1\2)	Ac-KAA-Cit-KMe2-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431



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	Peptide Name	Peptide Sequence	Uniprot
3203	H3 23:42 Cit26 K27me3 (H3.1\2)	Ac-KAA-Cit-KMe3-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3204	H3 23:42 R26me2a_pS28 (H3.1\2)	Ac-KAA-RMe2a-K-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3205	H3 23:42 R26me2a_K27ac (H3.1\2)	Ac-KAA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3206	H3 23:42 R26me2a_K27me1 (H3.1\2)	Ac-KAA-RMe2a-KMe1-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3207	H3 23:42 R26me2a_K27me2 (H3.1\2)	Ac-KAA-RMe2a-KMe2-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3208	H3 23:42 R26me2a_K27me3 (H3.1\2)	Ac-KAA-RMe2a-KMe3-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3209	H3 23:42 R26me2s_pS28 (H3.1\2)	Ac-KAA-RMe2s-K-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3210	H3 23:42 R26me2s_K27ac (H3.1\2)	Ac-KAA-RMe2s-KAc-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3211	H3 23:42 R26me2s_K27me1 (H3.1\2)	Ac-KAA-RMe2s-KMe1-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3212	H3 23:42 R26me2s_K27me2 (H3.1\2)	Ac-KAA-RMe2s-KMe2-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3213	H3 23:42 R26me2s_K27me3 (H3.1\2)	Ac-KAA-RMe2s-KMe3-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3214	H3 23:42 K23ac_R26me2a (H3.1\2)	Ac-KAc-AA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3215	H3 23:42 K23me3_R26me2a (H3.1\2)	Ac-KMe3-AA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3216	H3 23:42 K36me3_K37me3 (H3.3)	Ac-KAARKSAPSTGGV-KMe3-KMe3-PHRYR-BZ	P84243
3217	H3 23:42 pT32_K37me3 (H3.3)	Ac-KAARKSAPS-pT-GGVK-KMe3-PHRYR-BZ	P84243
3218	H3 23:42 pT32_K36me3 (H3.3)	Ac-KAARKSAPS-pT-GGV-KMe3-KPHRYR-BZ	P84243
3219	H3 23:42 pS31_pT32 (H3.3)	Ac-KAARKSAP-pS-pT-GGVKPHRYR-BZ	P84243
3220	H3 23:42 pS28_pT32 (H3.3)	Ac-KAARK-pS-APS-pT-GGVKPHRYR-BZ	P84243
3221	H3 23:42 K27ac_pS28 (H3.3)	Ac-KAAR-KAc-pS-APSTGGVKKPHRYR-BZ	P84243
3222	H3 23:42 K27me1_pS28 (H3.3)	Ac-KAAR-KMe1-pS-APSTGGVKKPHRYR-BZ	P84243
3223	H3 23:42 K27me2_pS28 (H3.3)	Ac-KAAR-KMe2-pS-APSTGGVKKPHRYR-BZ	P84243
3224	H3 23:42 K27me3_pS28 (H3.3)	Ac-KAAR-KMe3-pS-APSTGGVKKPHRYR-BZ	P84243
3225	H3 23:42 Cit26_pS28 (H3.3)	Ac-KAA-Cit-K-pS-APSTGGVKKPHRYR-BZ	P84243
3226	H3 23:42 Cit26_K27me1 (H3.3)	Ac-KAA-Cit-KMe1-SAPSTGGVKKPHRYR-BZ	P84243
3227	H3 23:42 Cit26_K27me2 (H3.3)	Ac-KAA-Cit-KMe2-SAPSTGGVKKPHRYR-BZ	P84243
3228	H3 23:42 Cit26_K27me3 (H3.3)	Ac-KAA-Cit-KMe3-SAPSTGGVKKPHRYR-BZ	P84243
3229	H3 23:42 R26me2a_pS28 (H3.3)	Ac-KAA-RMe2a-K-pS-APSTGGVKKPHRYR-BZ	P84243
3230	H3 23:42 R26me2a_K27ac (H3.3)	Ac-KAA-RMe2a-KAc-SAPSTGGVKKPHRYR-BZ	P84243
3231	H3 23:42 R26me2a_K27me1 (H3.3)	Ac-KAA-RMe2a-KMe1-SAPSTGGVKKPHRYR-BZ	P84243
3232	H3 23:42 R26me2a_K27me2 (H3.3)	Ac-KAA-RMe2a-KMe2-SAPSTGGVKKPHRYR-BZ	P84243
3233	H3 23:42 R26me2a_K27me3 (H3.3)	Ac-KAA-RMe2a-KMe3-SAPSTGGVKKPHRYR-BZ	P84243
3234	H3 23:42 R26me2s_pS28 (H3.3)	Ac-KAA-RMe2s-K-pS-APSTGGVKKPHRYR-BZ	P84243
3235	H3 23:42 R26me2s_K27ac (H3.3)	Ac-KAA-RMe2s-KAc-SAPSTGGVKKPHRYR-BZ	P84243
3236	H3 23:42 R26me2s_K27me1 (H3.3)	Ac-KAA-RMe2s-KMe1-SAPSTGGVKKPHRYR-BZ	P84243
3237	H3 23:42 R26me2s_K27me2 (H3.3)	Ac-KAA-RMe2s-KMe2-SAPSTGGVKKPHRYR-BZ	P84243
3238	H3 23:42 R26me2s_K27me3 (H3.3)	Ac-KAA-RMe2s-KMe3-SAPSTGGVKKPHRYR-BZ	P84243
3239	H3 23:42 K23ac_R26me2a (H3.3)	Ac-KAc-AA-RMe2a-KSAPSTGGVKKPHRYR-BZ	P84243
3240	H3 23:42 K23me3_R26me2a (H3.3)	Ac-KMe3-AA-RMe2a-KSAPSTGGVKKPHRYR-BZ	P84243
3241	H3 23:42 pT32_K36me3 (H3.3C)	Ac-KAARKSTPS-pT-CGV-KMe3-PHRYR-BZ	Q6NXT2
3242	H3 23:42 pS31_pT32 (H3.3C)	Ac-KAARKSTP-pS-pT-CGVKPHRYR-BZ	Q6NXT2
3243	H3 23:42 pS28_pT32 (H3.3C)	Ac-KAARK-pS-TPS-pT-CGVKPHRYR-BZ	Q6NXT2
3244	H3 23:42 K27ac_pS28 (H3.3C)	Ac-KAAR-KAc-pS-TPSTCGVKKPHRYR-BZ	Q6NXT2
3245	H3 23:42 K27me1_pS28 (H3.3C)	Ac-KAAR-KMe1-pS-TPSTCGVKKPHRYR-BZ	Q6NXT2



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	Peptide Name	Peptide Sequence	Uniprot
3246	H3 23:42 K27me2_pS28 (H3.3C)	Ac-KAAR-KMe2-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3247	H3 23:42 K27me3_pS28 (H3.3C)	Ac-KAAR-KMe3-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3248	H3 23:42 Cit26_pS28 (H3.3C)	Ac-KAA-Cit-K-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3249	H3 23:42 Cit26_K27me1 (H3.3C)	Ac-KAA-Cit-KMe1-STPSTCGVKPHRYRP-BZ	Q6NXT2
3250	H3 23:42 Cit26_K27me2 (H3.3C)	Ac-KAA-Cit-KMe2-STPSTCGVKPHRYRP-BZ	Q6NXT2
3251	H3 23:42 Cit26_K27me3 (H3.3C)	Ac-KAA-Cit-KMe3-STPSTCGVKPHRYRP-BZ	Q6NXT2
3252	H3 23:42 R26me2a_pS28 (H3.3C)	Ac-KAA-RMe2a-K-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3253	H3 23:42 R26me2a_K27ac (H3.3C)	Ac-KAA-RMe2a-KAc-STPSTCGVKPHRYRP-BZ	Q6NXT2
3254	H3 23:42 R26me2a_K27me1 (H3.3C)	Ac-KAA-RMe2a-KMe1-STPSTCGVKPHRYRP-BZ	Q6NXT2
3255	H3 23:42 R26me2a_K27me2 (H3.3C)	Ac-KAA-RMe2a-KMe2-STPSTCGVKPHRYRP-BZ	Q6NXT2
3256	H3 23:42 R26me2a_K27me3 (H3.3C)	Ac-KAA-RMe2a-KMe3-STPSTCGVKPHRYRP-BZ	Q6NXT2
3257	H3 23:42 R26me2s_pS28 (H3.3C)	Ac-KAA-RMe2s-K-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3258	H3 23:42 R26me2s_K27ac (H3.3C)	Ac-KAA-RMe2s-KAc-STPSTCGVKPHRYRP-BZ	Q6NXT2
3259	H3 23:42 R26me2s_K27me1 (H3.3C)	Ac-KAA-RMe2s-KMe1-STPSTCGVKPHRYRP-BZ	Q6NXT2
3260	H3 23:42 R26me2s_K27me2 (H3.3C)	Ac-KAA-RMe2s-KMe2-STPSTCGVKPHRYRP-BZ	Q6NXT2
3261	H3 23:42 R26me2s_K27me3 (H3.3C)	Ac-KAA-RMe2s-KMe3-STPSTCGVKPHRYRP-BZ	Q6NXT2
3262	H3 23:42 K23ac_R26me2a (H3.3C)	Ac-KAc-AA-RMe2a-KSTPSTCGVKPHRYRP-BZ	Q6NXT2
3263	H3 23:42 K23me3_R26me2a (H3.3C)	Ac-KMe3-AA-RMe2a-KSTPSTCGVKPHRYRP-BZ	Q6NXT2
3264	H3 23:42 K36me3_K37me3 (H3.1t)	Ac-KVARKSAPATGGV-KMe3-KMe3-PHRYR-BZ	Q16695
3265	H3 23:42 pT32_K37me3 (H3.1t)	Ac-KVARKSAPA-pT-GGVK-KMe3-PHRYR-BZ	Q16695
3266	H3 23:42 pT32_K36me3 (H3.1t)	Ac-KVARKSAPA-pT-GGV-KMe3-KPHRYR-BZ	Q16695
3267	H3 23:42 pS28_pT32 (H3.1t)	Ac-KVAR-pS-APA-pT-GGVKPHRYR-BZ	Q16695
3268	H3 23:42 K27ac_pS28 (H3.1t)	Ac-KVAR-KAc-pS-APATGGVKKPHRYR-BZ	Q16695
3269	H3 23:42 K27me1_pS28 (H3.1t)	Ac-KVAR-KMe1-pS-APATGGVKKPHRYR-BZ	Q16695
3270	H3 23:42 K27me2_pS28 (H3.1t)	Ac-KVAR-KMe2-pS-APATGGVKKPHRYR-BZ	Q16695
3271	H3 23:42 K27me3_pS28 (H3.1t)	Ac-KVAR-KMe3-pS-APATGGVKKPHRYR-BZ	Q16695
3272	H3 23:42 Cit26_pS28 (H3.1t)	Ac-KVA-Cit-K-pS-APATGGVKKPHRYR-BZ	Q16695
3273	H3 23:42 Cit26_K27me1 (H3.1t)	Ac-KVA-Cit-KMe1-SAPATGGVKKPHRYR-BZ	Q16695
3274	H3 23:42 Cit26_K27me2 (H3.1t)	Ac-KVA-Cit-KMe2-SAPATGGVKKPHRYR-BZ	Q16695
3275	H3 23:42 Cit26_K27me3 (H3.1t)	Ac-KVA-Cit-KMe3-SAPATGGVKKPHRYR-BZ	Q16695
3276	H3 23:42 R26me2a_pS28 (H3.1t)	Ac-KVA-RMe2a-K-pS-APATGGVKKPHRYR-BZ	Q16695
3277	H3 23:42 R26me2a_K27ac (H3.1t)	Ac-KVA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q16695
3278	H3 23:42 R26me2a_K27me1 (H3.1t)	Ac-KVA-RMe2a-KMe1-SAPATGGVKKPHRYR-BZ	Q16695
3279	H3 23:42 R26me2a_K27me2 (H3.1t)	Ac-KVA-RMe2a-KMe2-SAPATGGVKKPHRYR-BZ	Q16695
3280	H3 23:42 R26me2a_K27me3 (H3.1t)	Ac-KVA-RMe2a-KMe3-SAPATGGVKKPHRYR-BZ	Q16695
3281	H3 23:42 R26me2s_pS28 (H3.1t)	Ac-KVA-RMe2s-K-pS-APATGGVKKPHRYR-BZ	Q16695
3282	H3 23:42 R26me2s_K27ac (H3.1t)	Ac-KVA-RMe2s-KAc-SAPATGGVKKPHRYR-BZ	Q16695
3283	H3 23:42 R26me2s_K27me1 (H3.1t)	Ac-KVA-RMe2s-KMe1-SAPATGGVKKPHRYR-BZ	Q16695
3284	H3 23:42 R26me2s_K27me2 (H3.1t)	Ac-KVA-RMe2s-KMe2-SAPATGGVKKPHRYR-BZ	Q16695
3285	H3 23:42 R26me2s_K27me3 (H3.1t)	Ac-KVA-RMe2s-KMe3-SAPATGGVKKPHRYR-BZ	Q16695
3286	H3 23:42 K23ac_R26me2a (H3.1t)	Ac-KAc-VA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q16695
3287	H3 23:42 K23me3_R26me2a (H3.1t)	Ac-KMe3-VA-RMe2a-KSAPATGGVKKPHRYR-BZ	Q16695
3288	H3 23:42 pT32_K36me3_K37me3 (H3.1\2)	Ac-KAARKSAPA-pT-GGV-KMe3-KMe3-PHRYR-BZ	Q71DI3, P68431



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	Peptide Name	Peptide Sequence	Uniprot
3289	H3 23:42 R26me2a_K27ac_pS28 (H3.1\2)	Ac-KAA-RMe2a-KAc-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3290	H3 23:42 R26me2a_K27me1_pS28 (H3.1\2)	Ac-KAA-RMe2a-KMe1-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3291	H3 23:42 R26me2a_K27me2_pS28 (H3.1\2)	Ac-KAA-RMe2a-KMe2-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3292	H3 23:42 R26me2a_K27me3_pS28 (H3.1\2)	Ac-KAA-RMe2a-KMe3-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3293	H3 23:42 R26me2s_K27ac_pS28 (H3.1\2)	Ac-KAA-RMe2s-KAc-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3294	H3 23:42 R26me2s_K27me1_pS28 (H3.1\2)	Ac-KAA-RMe2s-KMe1-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3295	H3 23:42 R26me2s_K27me2_pS28 (H3.1\2)	Ac-KAA-RMe2s-KMe2-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3296	H3 23:42 R26me2s_K27me3_pS28 (H3.1\2)	Ac-KAA-RMe2s-KMe3-pS-APATGGVKKPHRYR-BZ	Q71DI3, P68431
3297	H3 23:42 K23ac_R26me2a_K27ac (H3.1\2)	Ac-KAc-AA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3298	H3 23:42 K23me3_R26me2a_K27ac (H3.1\2)	Ac-KMe3-AA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q71DI3, P68431
3299	H3 23:42 pT32_K36me3_K37me3 (H3.3)	Ac-KAARKSAPS-pT-GGV-KMe3-KMe3-PHRYR-BZ	P84243
3300	H3 23:42 pS28_pS31_pT32 (H3.3)	Ac-KAARK-pS-AP-pS-pT-GGVKKPHRYR-BZ	P84243
3301	H3 23:42 R26me2a_K27ac_pS28 (H3.3)	Ac-KAA-RMe2a-KAc-pS-APSTGGVKKPHRYR-BZ	P84243
3302	H3 23:42 R26me2a_K27me1_pS28 (H3.3)	Ac-KAA-RMe2a-KMe1-pS-APSTGGVKKPHRYR-BZ	P84243
3303	H3 23:42 R26me2a_K27me2_pS28 (H3.3)	Ac-KAA-RMe2a-KMe2-pS-APSTGGVKKPHRYR-BZ	P84243
3304	H3 23:42 R26me2a_K27me3_pS28 (H3.3)	Ac-KAA-RMe2a-KMe3-pS-APSTGGVKKPHRYR-BZ	P84243
3305	H3 23:42 R26me2s_K27ac_pS28 (H3.3)	Ac-KAA-RMe2s-KAc-pS-APSTGGVKKPHRYR-BZ	P84243
3306	H3 23:42 R26me2s_K27me1_pS28 (H3.3)	Ac-KAA-RMe2s-KMe1-pS-APSTGGVKKPHRYR-BZ	P84243
3307	H3 23:42 R26me2s_K27me2_pS28 (H3.3)	Ac-KAA-RMe2s-KMe2-pS-APSTGGVKKPHRYR-BZ	P84243
3308	H3 23:42 R26me2s_K27me3_pS28 (H3.3)	Ac-KAA-RMe2s-KMe3-pS-APSTGGVKKPHRYR-BZ	P84243
3309	H3 23:42 K23ac_R26me2a_K27ac (H3.3)	Ac-KAc-AA-RMe2a-KAc-SAPSTGGVKKPHRYR-BZ	P84243
3310	H3 23:42 K23me3_R26me2a_K27ac (H3.3)	Ac-KMe3-AA-RMe2a-KAc-SAPSTGGVKKPHRYR-BZ	P84243
3311	H3 23:42 pS28_pS31_pT32 (H3.3C)	Ac-KAARK-pS-TP-pS-pT-CGVKPHRYRP-BZ	Q6NXT2
3312	H3 23:42 R26me2a_K27ac_pS28 (H3.3C)	Ac-KAA-RMe2a-KAc-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3313	H3 23:42 R26me2a_K27me1_pS28 (H3.3C)	Ac-KAA-RMe2a-KMe1-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3314	H3 23:42 R26me2a_K27me2_pS28 (H3.3C)	Ac-KAA-RMe2a-KMe2-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3315	H3 23:42 R26me2a_K27me3_pS28 (H3.3C)	Ac-KAA-RMe2a-KMe3-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3316	H3 23:42 R26me2s_K27ac_pS28 (H3.3C)	Ac-KAA-RMe2s-KAc-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3317	H3 23:42 R26me2s_K27me1_pS28 (H3.3C)	Ac-KAA-RMe2s-KMe1-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3318	H3 23:42 R26me2s_K27me2_pS28 (H3.3C)	Ac-KAA-RMe2s-KMe2-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3319	H3 23:42 R26me2s_K27me3_pS28 (H3.3C)	Ac-KAA-RMe2s-KMe3-pS-TPSTCGVKPHRYRP-BZ	Q6NXT2
3320	H3 23:42 K23ac_R26me2a_K27ac (H3.3C)	Ac-KAc-AA-RMe2a-KAc-STPSTCGVKPHRYRP-BZ	Q6NXT2
3321	H3 23:42 K23me3_R26me2a_K27ac (H3.3C)	Ac-KMe3-AA-RMe2a-KAc-STPSTCGVKPHRYRP-BZ	Q6NXT2
3322	H3 23:42 pT32_K36me3_K37me3 (H3.1t)	Ac-KVARKSAPA-pT-GGV-KMe3-KMe3-PHRYR-BZ	Q16695
3323	H3 23:42 R26me2a_K27ac_pS28 (H3.1t)	Ac-KVA-RMe2a-KAc-pS-APATGGVKKPHRYR-BZ	Q16695
3324	H3 23:42 R26me2a_K27me1_pS28 (H3.1t)	Ac-KVA-RMe2a-KMe1-pS-APATGGVKKPHRYR-BZ	Q16695
3325	H3 23:42 R26me2a_K27me2_pS28 (H3.1t)	Ac-KVA-RMe2a-KMe2-pS-APATGGVKKPHRYR-BZ	Q16695
3326	H3 23:42 R26me2a_K27me3_pS28 (H3.1t)	Ac-KVA-RMe2a-KMe3-pS-APATGGVKKPHRYR-BZ	Q16695
3327	H3 23:42 R26me2s_K27ac_pS28 (H3.1t)	Ac-KVA-RMe2s-KAc-pS-APATGGVKKPHRYR-BZ	Q16695
3328	H3 23:42 R26me2s_K27me1_pS28 (H3.1t)	Ac-KVA-RMe2s-KMe1-pS-APATGGVKKPHRYR-BZ	Q16695
3329	H3 23:42 R26me2s_K27me2_pS28 (H3.1t)	Ac-KVA-RMe2s-KMe2-pS-APATGGVKKPHRYR-BZ	Q16695
3330	H3 23:42 R26me2s_K27me3_pS28 (H3.1t)	Ac-KVA-RMe2s-KMe3-pS-APATGGVKKPHRYR-BZ	Q16695
3331	H3 23:42 K23ac_R26me2a_K27ac (H3.1t)	Ac-KAc-VA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3332	H3 23:42 K23me3 R26me2a K27ac (H3.1t)	Ac-KMe3-VA-RMe2a-KAc-SAPATGGVKKPHRYR-BZ	Q16695
3333	H3 30:49 (H3.3C)	Ac-PSTCGVKPHRYRPGTVALRE-BZ	Q6NXT2
3334	H3 30:49 pT44 (H3.3C)	Ac-PSTCGVKPHRYRPG-pT-VALRE-BZ	Q6NXT2
3335	H3 30:49 Cit41 (H3.3C)	Ac-PSTCGVKPHRY-Cit-PGTVALRE-BZ	Q6NXT2
3336	H3 30:49 R41me1 (H3.3C)	Ac-PSTCGVKPHRY-RMe1-PGTVALRE-BZ	Q6NXT2
3337	H3 30:49 R41me2a (H3.3C)	Ac-PSTCGVKPHRY-RMe2a-PGTVALRE-BZ	Q6NXT2
3338	H3 30:49 R41me2s (H3.3C)	Ac-PSTCGVKPHRY-RMe2s-PGTVALRE-BZ	Q6NXT2
3339	H3 30:49 pY40 (H3.3C)	Ac-PSTCGVKPHR-pY-RPGTVALRE-BZ	Q6NXT2
3340	H3 30:49 Cit39 (H3.3C)	Ac-PSTCGVKPH-Cit-YRPGTVALRE-BZ	Q6NXT2
3341	H3 30:49 R39me1 (H3.3C)	Ac-PSTCGVKPH-RMe1-YRPGTVALRE-BZ	Q6NXT2
3342	H3 30:49 R39me2a (H3.3C)	Ac-PSTCGVKPH-RMe2a-YRPGTVALRE-BZ	Q6NXT2
3343	H3 30:49 R39me2s (H3.3C)	Ac-PSTCGVKPH-RMe2s-YRPGTVALRE-BZ	Q6NXT2
3344	H3 30:49 K36ac (H3.3C)	Ac-PSTCGV-KAc-PHRYRPGTVALRE-BZ	Q6NXT2
3345	H3 30:49 K36me1 (H3.3C)	Ac-PSTCGV-KMe1-PHRYRPGTVALRE-BZ	Q6NXT2
3346	H3 30:49 K36me2 (H3.3C)	Ac-PSTCGV-KMe2-PHRYRPGTVALRE-BZ	Q6NXT2
3347	H3 30:49 K36me3 (H3.3C)	Ac-PSTCGV-KMe3-PHRYRPGTVALRE-BZ	Q6NXT2
3348	H3 30:49 K36but (H3.3C)	Ac-PSTCGV-KBut-PHRYRPGTVALRE-BZ	Q6NXT2
3349	H3 30:49 K36prop (H3.3C)	Ac-PSTCGV-KProp-PHRYRPGTVALRE-BZ	Q6NXT2
3350	H3 30:49 K36mal (H3.3C)	Ac-PSTCGV-KMal-PHRYRPGTVALRE-BZ	Q6NXT2
3351	H3 30:49 K36suc (H3.3C)	Ac-PSTCGV-KSuc-PHRYRPGTVALRE-BZ	Q6NXT2
3352	H3 31:50 (H3.1\1t\2)	Ac-ATGGVKKPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3353	H3 31:50 (H3.3)	Ac-STGGVKKPHRYRPGTVALRE-BZ	P84243
3354	H3 31:50 pT45 (H3.1\1t\2)	Ac-ATGGVKKPHRYRPG-pT-VALRE-BZ	Q71DI3, P68431, Q16695
3355	H3 31:50 Cit42 (H3.1\1t\2)	Ac-ATGGVKKPHRY-Cit-PGTVALRE-BZ	Q71DI3, P68431, Q16695
3356	H3 31:50 R42me1 (H3.1\1t\2)	Ac-ATGGVKKPHRY-RMe1-PGTVALRE-BZ	Q71DI3, P68431, Q16695
3357	H3 31:50 R42me2a (H3.1\1t\2)	Ac-ATGGVKKPHRY-RMe2a-PGTVALRE-BZ	Q71DI3, P68431, Q16695
3358	H3 31:50 R42me2s (H3.1\1t\2)	Ac-ATGGVKKPHRY-RMe2s-PGTVALRE-BZ	Q71DI3, P68431, Q16695
3359	H3 31:50 pY41 (H3.1\1t\2)	Ac-ATGGVKKPHR-pY-RPGTVALRE-BZ	Q71DI3, P68431, Q16695
3360	H3 31:50 Cit40 (H3.1\1t\2)	Ac-ATGGVKKPH-Cit-YRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3361	H3 31:50 R40me1 (H3.1\1t\2)	Ac-ATGGVKKPH-RMe1-YRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3362	H3 31:50 R40me2a (H3.1\1t\2)	Ac-ATGGVKKPH-RMe2a-YRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3363	H3 31:50 R40me2s (H3.1\1t\2)	Ac-ATGGVKKPH-RMe2s-YRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3364	H3 31:50 K37ac (H3.1\1t\2)	Ac-ATGGV-KAc-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3365	H3 31:50 K37me1 (H3.1\1t\2)	Ac-ATGGV-KMe1-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3366	H3 31:50 K37me2 (H3.1\1t\2)	Ac-ATGGV-KMe2-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3367	H3 31:50 K37me3 (H3.1\1t\2)	Ac-ATGGV-KMe3-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3368	H3 31:50 K37but (H3.1\1t\2)	Ac-ATGGV-KBut-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3369	H3 31:50 K37prop (H3.1\1t\2)	Ac-ATGGV-KProp-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3370	H3 31:50 K37mal (H3.1\1t\2)	Ac-ATGGV-KMal-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3371	H3 31:50 K37suc (H3.1\1t\2)	Ac-ATGGV-KSuc-PHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3372	H3 31:50 K36ac (H3.1\1t\2)	Ac-ATGGV-KAc-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3373	H3 31:50 K36me1 (H3.1\1t\2)	Ac-ATGGV-KMe1-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3374	H3 31:50 K36me2 (H3.1\1t\2)	Ac-ATGGV-KMe2-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3375	H3 31:50 K36me3 (H3.1\1t\2)	Ac-ATGGV-KMe3-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3376	H3 31:50 K36but (H3.1\1t\2)	Ac-ATGGV-KBut-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3377	H3 31:50 K36prop (H3.1\1t\2)	Ac-ATGGV-KProp-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3378	H3 31:50 K36mal (H3.1\1t\2)	Ac-ATGGV-KMal-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3379	H3 31:50 K36suc (H3.1\1t\2)	Ac-ATGGV-KSuc-KPHRYRPGTVALRE-BZ	Q71DI3, P68431, Q16695
3380	H3 40\41:59\60 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIRRYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3381	H3 40\41:59\60 pY53\54 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIRR-pY-QKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3382	H3 40\41:59\60 Cit52\53 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIR-Cit-YQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3383	H3 40\41:59\60 R52\53me1 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIR-RMe1-YQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3384	H3 40\41:59\60 R52\53me2a (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIR-RMe2a-YQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3385	H3 40\41:59\60 R52\53me2s (H3.1\1t\2\3\3C)	Ac-YRPGTVALREIR-RMe2s-YQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3386	H3 40\41:59\60 Cit51\52 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREI-Cit-RYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3387	H3 40\41:59\60 R51\52me1 (H3.1\1t\2\3\3C)	Ac-YRPGTVALREI-RMe1-RYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3388	H3 40\41:59\60 R51\52me2a (H3.1\1t\2\3\3C)	Ac-YRPGTVALREI-RMe2a-RYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3389	H3 40\41:59\60 R51\52me2s (H3.1\1t\2\3\3C)	Ac-YRPGTVALREI-RMe2s-RYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3390	H3 40\41:59\60 Cit48\49 (H3.1\1t\2\3\3C)	Ac-YRPGTVAL-Cit-EIRRYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3391	H3 40\41:59\60 R48\49me1 (H3.1\1t\2\3\3C)	Ac-YRPGTVAL-RMe1-EIRRYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3392	H3 40\41:59\60 R48\49me2a (H3.1\1t\2\3\3C)	Ac-YRPGTVAL-RMe2a-EIRRYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3393	H3 40\41:59\60 R48\49me2s (H3.1\1t\2\3\3C)	Ac-YRPGTVAL-RMe2s-EIRRYQKSTEL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3394	H3 42\43:61\62 (H3.1\1t\2\3\3C)	Ac-PGTVALREIRRYQKSTELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3395	H3 42\43:61\62 K55\56ac (H3.1\1t\2\3\3C)	Ac-PGTVALREIRRYQ-KAc-STELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3396	H3 42\43:61\62 K55\56me1 (H3.1\1t\2\3\3C)	Ac-PGTVALREIRRYQ-KMe1-STELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3397	H3 42\43:61\62 K55\56me3 (H3.1\1t\2\3\3C)	Ac-PGTVALREIRRYQ-KMe3-STELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3398	H3 42\43:61\62 K55\56prop (H3.1\1t\2\3\3C)	Ac-PGTVALREIRRYQ-KProp-STELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3399	H3 42\43:61\62 pT44\45 (H3.1\1t\2\3\3C)	Ac-PG-pT-VALREIRRYQKSTELLI-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3400	H3 50\51:69\70 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3401	H3 50\51:69\70 K63\64ac (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KAc-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3402	H3 50\51:69\70 K63\64me1 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KMe1-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3403	H3 50\51:69\70 K63\64me2 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KMe2-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3404	H3 50\51:69\70 K63\64me3 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KMe3-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3405	H3 50\51:69\70 K63\64but (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KBut-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3406	H3 50\51:69\70 K63\64prop (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KProp-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3407	H3 50\51:69\70 K63\64mal (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KMal-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3408	H3 50\51:69\70 K63\64suc (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLIR-KSuc-LPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3409	H3 50\51:69\70 Cit62\63 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLI-Cit-KLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3410	H3 50\51:69\70 R62\63me1 (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLI-RMe1-KLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3411	H3 50\51:69\70 R62\63me2a (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLI-RMe2a-KLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3412	H3 50\51:69\70 R62\63me2s (H3.1\1t\2\3\3C)	Ac-IRRYQKSTELLI-RMe2s-KLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3413	H3 50\51:69\70 pT57\58 (H3.1\1t\2\3\3C)	Ac-IRRYQKS-pT-ELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3414	H3 50\51:69\70 pS56\57 (H3.1\1t\2\3\3C)	Ac-IRRYQK-pS-TELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3415	H3 50\51:69\70 K55\56ac (H3.1\1t\2\3\3C)	Ac-IRRYQ-KAc-STELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3416	H3 50\51:69\70 K55\56me1 (H3.1\1t\2\3\3C)	Ac-IRRYQ-KMe1-STELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3417	H3 50\51:69\70 K55\56me2 (H3.1\1t\2\3\3C)	Ac-IRRYQ-KMe2-STELLIRKLPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3418	H3 50\51:69\70 K55\56me3 (H3.1\1t\2\3\3C)	Ac-IRRYQ-KMe3-STELLIRKLPPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3419	H3 50\51:69\70 K55\56but (H3.1\1t\2\3\3C)	Ac-IRRYQ-KBut-STELLIRKLPPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3420	H3 50\51:69\70 K55\56prop (H3.1\1t\2\3\3C)	Ac-IRRYQ-KProp-STELLIRKLPPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3421	H3 50\51:69\70 K55\56mal (H3.1\1t\2\3\3C)	Ac-IRRYQ-KMal-STELLIRKLPPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3422	H3 50\51:69\70 K55\56suc (H3.1\1t\2\3\3C)	Ac-IRRYQ-KSuc-STELLIRKLPPFQRL-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3423	H3 61:80 (H3.1t)	Ac-LIRKLPPFQRLMREIAQDFKT-BZ	Q16695
3424	H3 61:80 (H3.1\2\3)	Ac-LIRKLPPFQRLVREIAQDFKT-BZ	Q71DI3, P84243, P68431
3425	H3 60:79 (H3.3C)	Ac-LIRKLPPFQRLVREIAQDFNT-BZ	Q6NXT2
3426	H3 61:80 Cit72 (H3.1t)	Ac-LIRKLPPFQRLM-Cit-EIAQDFKT-BZ	Q16695
3427	H3 61:80 R72me1 (H3.1t)	Ac-LIRKLPPFQRLM-RMe1-EIAQDFKT-BZ	Q16695
3428	H3 61:80 R72me2a (H3.1t)	Ac-LIRKLPPFQRLM-RMe2a-EIAQDFKT-BZ	Q16695
3429	H3 61:80 R72me2s (H3.1t)	Ac-LIRKLPPFQRLM-RMe2s-EIAQDFKT-BZ	Q16695
3430	H3 61:80 Cit69 (H3.1t)	Ac-LIRKLPPFQ-Cit-LMREIAQDFKT-BZ	Q16695
3431	H3 61:80 R69me1 (H3.1t)	Ac-LIRKLPPFQ-RMe1-LMREIAQDFKT-BZ	Q16695
3432	H3 61:80 R69me2a (H3.1t)	Ac-LIRKLPPFQ-RMe2a-LMREIAQDFKT-BZ	Q16695
3433	H3 61:80 R69me2s (H3.1t)	Ac-LIRKLPPFQ-RMe2s-LMREIAQDFKT-BZ	Q16695
3434	H3 61:80 Cit72 (H3.1\2\3)	Ac-LIRKLPPFQRLV-Cit-EIAQDFKT-BZ	Q71DI3, P84243, P68431
3435	H3 61:80 R72me1 (H3.1\2\3)	Ac-LIRKLPPFQRLV-RMe1-EIAQDFKT-BZ	Q71DI3, P84243, P68431
3436	H3 61:80 R72me2a (H3.1\2\3)	Ac-LIRKLPPFQRLV-RMe2a-EIAQDFKT-BZ	Q71DI3, P84243, P68431
3437	H3 61:80 R72me2s (H3.1\2\3)	Ac-LIRKLPPFQRLV-RMe2s-EIAQDFKT-BZ	Q71DI3, P84243, P68431
3438	H3 61:80 Cit69 (H3.1\2\3)	Ac-LIRKLPPFQ-Cit-LVREIAQDFKT-BZ	Q71DI3, P84243, P68431
3439	H3 61:80 R69me1 (H3.1\2\3)	Ac-LIRKLPPFQ-RMe1-LVREIAQDFKT-BZ	Q71DI3, P84243, P68431
3440	H3 61:80 R69me2a (H3.1\2\3)	Ac-LIRKLPPFQ-RMe2a-LVREIAQDFKT-BZ	Q71DI3, P84243, P68431
3441	H3 61:80 R69me2s (H3.1\2\3)	Ac-LIRKLPPFQ-RMe2s-LVREIAQDFKT-BZ	Q71DI3, P84243, P68431
3442	H3 63:82 (H3.1t)	Ac-RKLPPFQRLMREIAQDFKTDL-BZ	Q16695
3443	H3 63:82 (H3.1\2\3)	Ac-RKLPPFQRLVREIAQDFKTDL-BZ	Q71DI3, P84243, P68431
3444	H3 63:82 K79ac (H3.1t)	Ac-RKLPPFQRLMREIAQDF-KAc-TDL-BZ	Q16695
3445	H3 63:82 K79me1 (H3.1t)	Ac-RKLPPFQRLMREIAQDF-KMe1-TDL-BZ	Q16695
3446	H3 63:82 K79me2 (H3.1t)	Ac-RKLPPFQRLMREIAQDF-KMe2-TDL-BZ	Q16695
3447	H3 63:82 K79me3 (H3.1t)	Ac-RKLPPFQRLMREIAQDF-KMe3-TDL-BZ	Q16695
3448	H3 63:82 K64me1 (H3.1t)	Ac-R-KMe1-LPFQRLMREIAQDFKTDL-BZ	Q16695
3449	H3 63:82 K79ac (H3.1\2\3)	Ac-RKLPPFQRLVREIAQDF-KAc-TDL-BZ	Q71DI3, P84243, P68431
3450	H3 63:82 K79me1 (H3.1\2\3)	Ac-RKLPPFQRLVREIAQDF-KMe1-TDL-BZ	Q71DI3, P84243, P68431
3451	H3 63:82 K79me2 (H3.1\2\3)	Ac-RKLPPFQRLVREIAQDF-KMe2-TDL-BZ	Q71DI3, P84243, P68431
3452	H3 63:82 K79me3 (H3.1\2\3)	Ac-RKLPPFQRLVREIAQDF-KMe3-TDL-BZ	Q71DI3, P84243, P68431
3453	H3 63:82 K64me1 (H3.1\2\3)	Ac-R-KMe1-LPFQRLVREIAQDFKTDL-BZ	Q71DI3, P84243, P68431
3454	H3 71:90 (H3.1t)	Ac-MREIAQDFKTDLRFQSSAVM-BZ	Q16695
3455	H3 71:90 (H3.3)	Ac-VREIAQDFKTDLRFQSSAIG-BZ	P84243
3456	H3 71:90 (H3.1\2)	Ac-VREIAQDFKTDLRFQSSAVM-BZ	Q71DI3, P68431
3457	H3 70:89 (H3.3C)	Ac-VREIAQDFNTDLRFQSSAVG-BZ	Q6NXT2
3458	H3 71:90 Cit83 (H3.1\2)	Ac-VREIAQDFKTDL-Cit-FQSSAVM-BZ	Q71DI3, P68431
3459	H3 71:90 R83me1 (H3.1\2)	Ac-VREIAQDFKTDL-RMe1-FQSSAVM-BZ	Q71DI3, P68431
3460	H3 71:90 R83me2a (H3.1\2)	Ac-VREIAQDFKTDL-RMe2a-FQSSAVM-BZ	Q71DI3, P68431



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	Peptide Name	Peptide Sequence	Uniprot
3461	H3 71:90 R83me2s (H3.1\2)	Ac-VREIAQDFKTDL-RMe2s-FQSSAVM-BZ	Q71DI3, P68431
3462	H3 71:90 pT80 (H3.1\2)	Ac-VREIAQDFK-pT-DLRFQSSAVM-BZ	Q71DI3, P68431
3463	H3 71:90 K79ac (H3.1\2)	Ac-VREIAQDF-KAc-TDLRFQSSAVM-BZ	Q71DI3, P68431
3464	H3 71:90 K79me1 (H3.1\2)	Ac-VREIAQDF-KMe1-TDLRFQSSAVM-BZ	Q71DI3, P68431
3465	H3 71:90 K79me2 (H3.1\2)	Ac-VREIAQDF-KMe2-TDLRFQSSAVM-BZ	Q71DI3, P68431
3466	H3 71:90 K79me3 (H3.1\2)	Ac-VREIAQDF-KMe3-TDLRFQSSAVM-BZ	Q71DI3, P68431
3467	H3 71:90 K79but (H3.1\2)	Ac-VREIAQDF-KBut-TDLRFQSSAVM-BZ	Q71DI3, P68431
3468	H3 71:90 K79prop (H3.1\2)	Ac-VREIAQDF-KProp-TDLRFQSSAVM-BZ	Q71DI3, P68431
3469	H3 71:90 K79mal (H3.1\2)	Ac-VREIAQDF-KMal-TDLRFQSSAVM-BZ	Q71DI3, P68431
3470	H3 71:90 K79suc (H3.1\2)	Ac-VREIAQDF-KSuc-TDLRFQSSAVM-BZ	Q71DI3, P68431
3471	H3 70:89 Cit82 (H3.3C)	Ac-VREIAQDFNTDL-Cit-FQSAAVG-BZ	Q6NXT2
3472	H3 70:89 R82me1 (H3.3C)	Ac-VREIAQDFNTDL-RMe1-FQSAAVG-BZ	Q6NXT2
3473	H3 70:89 R82me2a (H3.3C)	Ac-VREIAQDFNTDL-RMe2a-FQSAAVG-BZ	Q6NXT2
3474	H3 70:89 R82me2s (H3.3C)	Ac-VREIAQDFNTDL-RMe2s-FQSAAVG-BZ	Q6NXT2
3475	H3 70:89 pT79 (H3.3C)	Ac-VREIAQDFN-pT-DLRFQSAAVG-BZ	Q6NXT2
3476	H3 81:100 (H3.3)	Ac-DLRFQSAAIGALQEASEAYL-BZ	P84243
3477	H3 80:99 (H3.3C)	Ac-DLRFQSAAVGALQEASEAYL-BZ	Q6NXT2
3478	H3 81:100 (H3.1)	Ac-DLRFQSSAVMALQEACEAYL-BZ	P68431
3479	H3 81:100 (H3.1t)	Ac-DLRFQSSAVMALQEACESYL-BZ	Q16695
3480	H3 81:100 (H3.2)	Ac-DLRFQSSAVMALQEASEAYL-BZ	Q71DI3
3481	H3 81:100 pS86 (H3.3)	Ac-DLRFQ-pS-AAIGALQEASEAYL-BZ	P84243
3482	H3 80:99 pS85 (H3.3C)	Ac-DLRFQ-pS-AAV GALQEASEAYL-BZ	Q6NXT2
3483	H3 81:100 pS87 (H3.1)	Ac-DLRFQ-pS-AVMALQEACEAYL-BZ	P68431
3484	H3 81:100 pS86 (H3.1)	Ac-DLRFQ-pS-SAVMALQEACEAYL-BZ	P68431
3485	H3 91:110 (H3.1)	Ac-ALQEACEAYLVGLFEDTNLC-BZ	P68431
3486	H3 91:110 (H3.1t)	Ac-ALQEACESYLVGLFEDTNLC-BZ	Q16695
3487	H3 91:110 (H3.2\3)	Ac-ALQEASEAYLVGLFEDTNLC-BZ	Q71DI3, P84243
3488	H3 90:109 (H3.3C)	Ac-ALQEASEAYLVGLLEDTNLC-BZ	Q6NXT2
3489	H3 91:110 pY99 (H3.1)	Ac-ALQEACEA-pY-LVGLFEDTNLC-BZ	P68431
3490	H3 91:110 pY99 (H3.1t)	Ac-ALQEACES-pY-LVGLFEDTNLC-BZ	Q16695
3491	H3 91:110 pS98 (H3.1t)	Ac-ALQEACE-pS-YLVGLFEDTNLC-BZ	Q16695
3492	H3 91:110 pY99 (H3.2\3)	Ac-ALQEASEA-pY-LVGLFEDTNLC-BZ	Q71DI3, P84243
3493	H3 91:110 pS96 (H3.2\3)	Ac-ALQEAP-S-EAYLVGLFEDTNLC-BZ	Q71DI3, P84243
3494	H3 90:109 pY98 (H3.3C)	Ac-ALQEASEA-pY-LVGLLEDTNLC-BZ	Q6NXT2
3495	H3 90:109 pS95 (H3.3C)	Ac-ALQEAP-S-EAYLVGLLEDTNLC-BZ	Q6NXT2
3496	H3 101:120 (H3.1\2\3)	Ac-VGLFEDTNLCIAIHAKRVTIM-BZ	Q71DI3, P84243, P68431
3497	H3 101:120 (H3.1t)	Ac-VGLFEDTNLCVIAHAKRVTIM-BZ	Q16695
3498	H3 100:119 (H3.3C)	Ac-VGLLEDTNLCIAIHAKRVTIM-BZ	Q6NXT2
3499	H3 101:120 K115ac (H3.1\2\3)	Ac-VGLFEDTNLCIAIHA-KAc-RVTIM-BZ	Q71DI3, P84243, P68431
3500	H3 101:120 K115me1 (H3.1\2\3)	Ac-VGLFEDTNLCIAIHA-KMe1-RVTIM-BZ	Q71DI3, P84243, P68431
3501	H3 101:120 K115me2 (H3.1\2\3)	Ac-VGLFEDTNLCIAIHA-KMe2-RVTIM-BZ	Q71DI3, P84243, P68431
3502	H3 101:120 K115me3 (H3.1\2\3)	Ac-VGLFEDTNLCIAIHA-KMe3-RVTIM-BZ	Q71DI3, P84243, P68431
3503	H3 101:120 K115but (H3.1\2\3)	Ac-VGLFEDTNLCIAIHA-KBut-RVTIM-BZ	Q71DI3, P84243, P68431



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	Peptide Name	Peptide Sequence	Uniprot
3504	H3 101:120 K115prop (H3.1\2\3)	Ac-VGLFEDTNLCAIHA-KProp-RVTIM-BZ	Q71DI3, P84243, P68431
3505	H3 101:120 K115mal (H3.1\2\3)	Ac-VGLFEDTNLCAIHA-KMal-RVTIM-BZ	Q71DI3, P84243, P68431
3506	H3 101:120 K115suc (H3.1\2\3)	Ac-VGLFEDTNLCAIHA-KSuc-RVTIM-BZ	Q71DI3, P84243, P68431
3507	H3 101:120 pT107 (H3.1\2\3)	Ac-VGLFED-pT-NLCAIHAKRVTIM-BZ	Q71DI3, P84243, P68431
3508	H3 101:120 K115ac (H3.1t)	Ac-VGLFEDTNLCVIHA-KAc-RVTIM-BZ	Q16695
3509	H3 101:120 K115me1 (H3.1t)	Ac-VGLFEDTNLCVIHA-KMe1-RVTIM-BZ	Q16695
3510	H3 101:120 K115me2 (H3.1t)	Ac-VGLFEDTNLCVIHA-KMe2-RVTIM-BZ	Q16695
3511	H3 101:120 K115me3 (H3.1t)	Ac-VGLFEDTNLCVIHA-KMe3-RVTIM-BZ	Q16695
3512	H3 101:120 K115but (H3.1t)	Ac-VGLFEDTNLCVIHA-KBut-RVTIM-BZ	Q16695
3513	H3 101:120 K115prop (H3.1t)	Ac-VGLFEDTNLCVIHA-KProp-RVTIM-BZ	Q16695
3514	H3 101:120 K115mal (H3.1t)	Ac-VGLFEDTNLCVIHA-KMal-RVTIM-BZ	Q16695
3515	H3 101:120 K115suc (H3.1t)	Ac-VGLFEDTNLCVIHA-KSuc-RVTIM-BZ	Q16695
3516	H3 101:120 pT107 (H3.1t)	Ac-VGLFED-pT-NLCVIHAKRVTIM-BZ	Q16695
3517	H3 104\105:123\124 (H3.1\2\3\3C)	Ac-EDTNLCAIHAKRVTIMPKDI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3518	H3 105:124 (H3.1t)	Ac-EDTNLCVIHA-KRVTIMPKDI-BZ	Q16695
3519	H3 104\105:123\124 K121\122ac (H3.1\2\3\3C)	Ac-EDTNLCAIHAKRVTIMP-KAc-DI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3520	H3 104\105:123\124 K121\122me1 (H3.1\2\3\3C)	Ac-EDTNLCAIHAKRVTIMP-KMe1-DI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3521	H3 104\105:123\124 pT117\118 (H3.1\2\3\3C)	Ac-EDTNLCAIHAKRV-pT-IMPKDI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3522	H3 104\105:123\124 K114\115ac (H3.1\2\3\3C)	Ac-EDTNLCAIHA-KAc-RVTIMPKDI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3523	H3 105:124 K122me1 (H3.1t)	Ac-EDTNLCVIHA-KRVTIMP-KMe1-DI-BZ	Q16695
3524	H3 105:124 pT118 (H3.1t)	Ac-EDTNLCVIHA-KRV-pT-IMPKDI-BZ	Q16695
3525	H3 105:124 K115ac (H3.1t)	Ac-EDTNLCVIHA-KAc-RVTIMPKDI-BZ	Q16695
3526	H3 105:124 pT107 (H3.1t)	Ac-ED-pT-NLCVIHAKRVTIMPKDI-BZ	Q16695
3527	H3 104\105:123\124 pT117\118_K121\122ac (H3.1\2\3\3C)	Ac-EDTNLCAIHAKRV-pT-IMP-KAc-DI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3528	H3 104\105:123\124 K114\115ac_pT117\118 (H3.1\2\3\3C)	Ac-EDTNLCAIHA-KAc-RV-pT-IMPKDI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3529	H3 105:124 pT118_K122ac (H3.1t)	Ac-EDTNLCVIHA-KRV-pT-IMP-KAc-DI-BZ	Q16695
3530	H3 105:124 K115ac_pT118 (H3.1t)	Ac-EDTNLCVIHA-KAc-RV-pT-IMPKDI-BZ	Q16695
3531	H3 104\105:123\124 K114\115ac_pT117\118_K121\122ac (H3.1\2\3\3C)	Ac-EDTNLCAIHA-KAc-RV-pT-IMP-KAc-DI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3532	H3 105:124 K115ac_pT118_K122ac (H3.1t)	Ac-EDTNLCVIHA-KAc-RV-pT-IMP-KAc-DI-BZ	Q16695
3533	H3 108:127 (H3.1t)	Ac-NLCVIHAKRVTIMPKDIQLA-BZ	Q16695
3534	H3 108:127 K122ac (H3.1t)	Ac-NLCVIHAKRVTIMP-KAc-DIQLA-BZ	Q16695
3535	H3 108:127 K122me1 (H3.1t)	Ac-NLCVIHAKRVTIMP-KMe1-DIQLA-BZ	Q16695
3536	H3 108:127 K122me2 (H3.1t)	Ac-NLCVIHAKRVTIMP-KMe2-DIQLA-BZ	Q16695
3537	H3 108:127 K122me3 (H3.1t)	Ac-NLCVIHAKRVTIMP-KMe3-DIQLA-BZ	Q16695
3538	H3 108:127 K122but (H3.1t)	Ac-NLCVIHAKRVTIMP-KBut-DIQLA-BZ	Q16695
3539	H3 108:127 K122prop (H3.1t)	Ac-NLCVIHAKRVTIMP-KProp-DIQLA-BZ	Q16695
3540	H3 108:127 K122mal (H3.1t)	Ac-NLCVIHAKRVTIMP-KMal-DIQLA-BZ	Q16695
3541	H3 108:127 K122suc (H3.1t)	Ac-NLCVIHAKRVTIMP-KSuc-DIQLA-BZ	Q16695
3542	H3 108:127 pT118 (H3.1t)	Ac-NLCVIHAKRV-pT-IMPKDIQLA-BZ	Q16695
3543	H3 108:127 Cit116 (H3.1t)	Ac-NLCVIHAK-Cit-VTIMPKDIQLA-BZ	Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3544	H3 108:127 R116me1 (H3.1t)	Ac-NLCVIHAK-RMe1-VTIMPKDIQLA-BZ	Q16695
3545	H3 108:127 R116me2a (H3.1t)	Ac-NLCVIHAK-RMe2a-VTIMPKDIQLA-BZ	Q16695
3546	H3 108:127 R116me2s (H3.1t)	Ac-NLCVIHAK-RMe2s-VTIMPKDIQLA-BZ	Q16695
3547	H3 108:127 K115ac (H3.1t)	Ac-NLCVIHA-KAc-RVTIMPKDIQLA-BZ	Q16695
3548	H3 108:127 K115me1 (H3.1t)	Ac-NLCVIHA-KMe1-RVTIMPKDIQLA-BZ	Q16695
3549	H3 108:127 K115me2 (H3.1t)	Ac-NLCVIHA-KMe2-RVTIMPKDIQLA-BZ	Q16695
3550	H3 108:127 K115me3 (H3.1t)	Ac-NLCVIHA-KMe3-RVTIMPKDIQLA-BZ	Q16695
3551	H3 108:127 K115but (H3.1t)	Ac-NLCVIHA-KBut-RVTIMPKDIQLA-BZ	Q16695
3552	H3 108:127 K115prop (H3.1t)	Ac-NLCVIHA-KProp-RVTIMPKDIQLA-BZ	Q16695
3553	H3 108:127 K115mal (H3.1t)	Ac-NLCVIHA-KMal-RVTIMPKDIQLA-BZ	Q16695
3554	H3 108:127 K115suc (H3.1t)	Ac-NLCVIHA-KSuc-RVTIMPKDIQLA-BZ	Q16695
3555	H3 110\111:129\130 (H3.1\2\3\3C)	Ac-AIHAKRVTIMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3556	H3 110\111:129\130 K121\122ac (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KAc-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3557	H3 110\111:129\130 K121\122me1 (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KMe1-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3558	H3 110\111:129\130 K121\122me2 (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KMe2-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3559	H3 110\111:129\130 K121\122me3 (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KMe3-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3560	H3 110\111:129\130 K121\122but (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KBut-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3561	H3 110\111:129\130 K121\122prop (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KProp-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3562	H3 110\111:129\130 K121\122mal (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KMal-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3563	H3 110\111:129\130 K121\122suc (H3.1\2\3\3C)	Ac-AIHAKRVTIMP-KSuc-DIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3564	H3 110\111:129\130 pT117\118 (H3.1\2\3\3C)	Ac-AIHAKRV-pT-IMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3565	H3 110\111:129\130 Cit115\116 (H3.1\2\3\3C)	Ac-AIHAK-Cit-VTIMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3566	H3 110\111:129\130 R115\116me1 (H3.1\2\3\3C)	Ac-AIHAK-RMe1-VTIMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3567	H3 110\111:129\130 R115\116me2a (H3.1\2\3\3C)	Ac-AIHAK-RMe2a-VTIMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3568	H3 110\111:129\130 R115\116me2s (H3.1\2\3\3C)	Ac-AIHAK-RMe2s-VTIMPKDIQLARRI-BZ	Q71DI3, P84243, P68431, Q6NXT2
3569	H3 114\115:133\134 (H3.1\1t\2\3\3C)	Ac-KRVTIMPKDIQLARRIRGER-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3570	H3 114\115:133\134 R127\128me1 (H3.1\1t\2\3\3C)	Ac-KRVTIMPKDIQLA-RMe1-RIRGER-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3571	H3 114\115:133\134 R127\128me2a (H3.1\1t\2\3\3C)	Ac-KRVTIMPKDIQLA-RMe2a-RIRGER-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3572	H3 114\115:133\134 K121\122ac_R127\128me2a (H3.1\1t\2\3\3C)	Ac-KRVTIMP-KAc-DIQLA-RMe2a-RIRGER-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3573	H3 115\116:134\135 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3574	H3 115\116:134\135 Cit133\134 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRIRGE-Cit-A-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3575	H3 115\116:134\135 R133\134me1 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRIRGE-RMe1-A-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3576	H3 115\116:134\135 R133\134me2a (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRIRGE-RMe2a-A-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3577	H3 115\116:134\135 R133\134me2s (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRIRGE-RMe2s-A-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3578	H3 115\116:134\135 Cit130\131 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRI-Cit-GERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3579	H3 115\116:134\135 R130\131me1 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRI-RMe1-GERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3580	H3 115\116:134\135 R130\131me2a (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRI-RMe2a-GERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3581	H3 115\116:134\135 R130\131me2s (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLARRI-RMe2s-GERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3582	H3 115\116:134\135 Cit128\129 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLAR-Cit-IRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3583	H3 115\116:134\135 R128\129me1 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLAR-RMe1-IRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3584	H3 115\116:134\135 R128\129me2a (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLAR-RMe2a-IRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3585	H3 115\116:134\135 R128\129me2s (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLAR-RMe2s-IRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695



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	Peptide Name	Peptide Sequence	Uniprot
3586	H3 115\116:134\135 Cit127\128 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLA-Cit-RIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3587	H3 115\116:134\135 R127\128me1 (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLA-RMe1-RIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3588	H3 115\116:134\135 R127\128me2a (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLA-RMe2a-RIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3589	H3 115\116:134\135 R127\128me2s (H3.1\1t\2\3\3C)	Ac-RVTIMPKDIQLA-RMe2s-RIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3590	H3 115\116:134\135 K121\122ac (H3.1\1t\2\3\3C)	Ac-RVTIMP-KAc-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3591	H3 115\116:134\135 K121\122me1 (H3.1\1t\2\3\3C)	Ac-RVTIMP-KMe1-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3592	H3 115\116:134\135 K121\122me2 (H3.1\1t\2\3\3C)	Ac-RVTIMP-KMe2-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3593	H3 115\116:134\135 K121\122me3 (H3.1\1t\2\3\3C)	Ac-RVTIMP-KMe3-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3594	H3 115\116:134\135 K121\122but (H3.1\1t\2\3\3C)	Ac-RVTIMP-KBut-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3595	H3 115\116:134\135 K121\122prop (H3.1\1t\2\3\3C)	Ac-RVTIMP-KProp-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3596	H3 115\116:134\135 K121\122mal (H3.1\1t\2\3\3C)	Ac-RVTIMP-KMal-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3597	H3 115\116:134\135 K121\122suc (H3.1\1t\2\3\3C)	Ac-RVTIMP-KSuc-DIQLARRIRGERA-BZ	Q71DI3, P84243, P68431, Q6NXT2, Q16695
3598	H4 1:20 (H4)	H-SGRGKGGKGLGKGGAKRHRK-BZ	P62805
3599	H4 1:20 (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-BZ	P62805
3600	H4 1:20 K20ac (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-KAc-BZ	P62805
3601	H4 1:20 K20me1 (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-KMe1-BZ	P62805
3602	H4 1:20 K20me2 (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-KMe2-BZ	P62805
3603	H4 1:20 K20me3 (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-KMe3-BZ	P62805
3604	H4 1:20 K16ac (H4)	Ac-SGRGKGGKGLGKGGAKRHRK-KAc-RHRK-BZ	P62805
3605	H4 1:20 K12ac (H4)	Ac-SGRGKGGKGLG-KAc-GGAKRHRK-BZ	P62805
3606	H4 1:20 K12me1 (H4)	Ac-SGRGKGGKGLG-KMe1-GGAKRHRK-BZ	P62805
3607	H4 1:20 K12me2 (H4)	Ac-SGRGKGGKGLG-KMe2-GGAKRHRK-BZ	P62805
3608	H4 1:20 K12me3 (H4)	Ac-SGRGKGGKGLG-KMe3-GGAKRHRK-BZ	P62805
3609	H4 1:20 K12but (H4)	Ac-SGRGKGGKGLG-KBut-GGAKRHRK-BZ	P62805
3610	H4 1:20 K12prop (H4)	Ac-SGRGKGGKGLG-KProp-GGAKRHRK-BZ	P62805
3611	H4 1:20 K12mal (H4)	Ac-SGRGKGGKGLG-KMal-GGAKRHRK-BZ	P62805
3612	H4 1:20 K12suc (H4)	Ac-SGRGKGGKGLG-KSuc-GGAKRHRK-BZ	P62805
3613	H4 1:20 K8ac (H4)	Ac-SGRGKGG-KAc-GLGKGGAKRHRK-BZ	P62805
3614	H4 1:20 K8me1 (H4)	Ac-SGRGKGG-KMe1-GLGKGGAKRHRK-BZ	P62805
3615	H4 1:20 K8me2 (H4)	Ac-SGRGKGG-KMe2-GLGKGGAKRHRK-BZ	P62805
3616	H4 1:20 K8me3 (H4)	Ac-SGRGKGG-KMe3-GLGKGGAKRHRK-BZ	P62805
3617	H4 1:20 K8but (H4)	Ac-SGRGKGG-KBut-GLGKGGAKRHRK-BZ	P62805
3618	H4 1:20 K8prop (H4)	Ac-SGRGKGG-KProp-GLGKGGAKRHRK-BZ	P62805
3619	H4 1:20 K8mal (H4)	Ac-SGRGKGG-KMal-GLGKGGAKRHRK-BZ	P62805
3620	H4 1:20 K8suc (H4)	Ac-SGRGKGG-KSuc-GLGKGGAKRHRK-BZ	P62805
3621	H4 1:20 K5ac (H4)	H-SGRG-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3622	H4 1:20 K5ac (H4)	Ac-SGRG-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3623	H4 1:20 K5me1 (H4)	H-SGRG-KMe1-GGKGLGKGGAKRHRK-BZ	P62805
3624	H4 1:20 K5me1 (H4)	Ac-SGRG-KMe1-GGKGLGKGGAKRHRK-BZ	P62805
3625	H4 1:20 K5me2 (H4)	H-SGRG-KMe2-GGKGLGKGGAKRHRK-BZ	P62805
3626	H4 1:20 K5me2 (H4)	Ac-SGRG-KMe2-GGKGLGKGGAKRHRK-BZ	P62805
3627	H4 1:20 K5me3 (H4)	H-SGRG-KMe3-GGKGLGKGGAKRHRK-BZ	P62805
3628	H4 1:20 K5me3 (H4)	Ac-SGRG-KMe3-GGKGLGKGGAKRHRK-BZ	P62805



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	Peptide Name	Peptide Sequence	Uniprot
3629	H4 1:20 K5but (H4)	H-SGRG-KBut-GGKGLGKGGAKRHRK-BZ	P62805
3630	H4 1:20 K5but (H4)	Ac-SGRG-KBut-GGKGLGKGGAKRHRK-BZ	P62805
3631	H4 1:20 K5prop (H4)	H-SGRG-KProp-GGKGLGKGGAKRHRK-BZ	P62805
3632	H4 1:20 K5prop (H4)	Ac-SGRG-KProp-GGKGLGKGGAKRHRK-BZ	P62805
3633	H4 1:20 K5mal (H4)	H-SGRG-KMal-GGKGLGKGGAKRHRK-BZ	P62805
3634	H4 1:20 K5mal (H4)	Ac-SGRG-KMal-GGKGLGKGGAKRHRK-BZ	P62805
3635	H4 1:20 K5suc (H4)	H-SGRG-KSuc-GGKGLGKGGAKRHRK-BZ	P62805
3636	H4 1:20 K5suc (H4)	Ac-SGRG-KSuc-GGKGLGKGGAKRHRK-BZ	P62805
3637	H4 1:20 Cit3 (H4)	H-SG-Cit-GKGGKGLGKGGAKRHRK-BZ	P62805
3638	H4 1:20 Cit3 (H4)	Ac-SG-Cit-GKGGKGLGKGGAKRHRK-BZ	P62805
3639	H4 1:20 R3me1 (H4)	H-SG-RMe1-GKGGKGLGKGGAKRHRK-BZ	P62805
3640	H4 1:20 R3me1 (H4)	Ac-SG-RMe1-GKGGKGLGKGGAKRHRK-BZ	P62805
3641	H4 1:20 R3me2a (H4)	H-SG-RMe2a-GKGGKGLGKGGAKRHRK-BZ	P62805
3642	H4 1:20 R3me2a (H4)	Ac-SG-RMe2a-GKGGKGLGKGGAKRHRK-BZ	P62805
3643	H4 1:20 R3me2s (H4)	H-SG-RMe2s-GKGGKGLGKGGAKRHRK-BZ	P62805
3644	H4 1:20 R3me2s (H4)	Ac-SG-RMe2s-GKGGKGLGKGGAKRHRK-BZ	P62805
3645	H4 1:20 pS1 (H4)	H-pS-GRGKGGKGLGKGGAKRHRK-BZ	P62805
3646	H4 1:20 pS1 (H4)	Ac-pS-GRGKGGKGLGKGGAKRHRK-BZ	P62805
3647	H4 1:20 K16ac_K20ac (H4)	Ac-SGRGKGGKGLGKGGGA-KAc-RHR-KAc-BZ	P62805
3648	H4 1:20 K16ac_K20me1 (H4)	Ac-SGRGKGGKGLGKGGGA-KAc-RHR-KMe1-BZ	P62805
3649	H4 1:20 K16ac_K20me2 (H4)	Ac-SGRGKGGKGLGKGGGA-KAc-RHR-KMe2-BZ	P62805
3650	H4 1:20 K16ac_K20me3 (H4)	Ac-SGRGKGGKGLGKGGGA-KAc-RHR-KMe3-BZ	P62805
3651	H4 1:20 K12ac_K20me1 (H4)	Ac-SGRGKGGKGLG-KAc-GGAKRHR-KMe1-BZ	P62805
3652	H4 1:20 K12ac_K20me2 (H4)	Ac-SGRGKGGKGLG-KAc-GGAKRHR-KMe2-BZ	P62805
3653	H4 1:20 K12ac_K20me3 (H4)	Ac-SGRGKGGKGLG-KAc-GGAKRHR-KMe3-BZ	P62805
3654	H4 1:20 K12ac_K16ac (H4)	Ac-SGRGKGGKGLG-KAc-GGA-KAc-RHRK-BZ	P62805
3655	H4 1:20 K12me1_K16ac (H4)	Ac-SGRGKGGKGLG-KMe1-GGA-KAc-RHRK-BZ	P62805
3656	H4 1:20 K12me3_K16ac (H4)	Ac-SGRGKGGKGLG-KMe3-GGA-KAc-RHRK-BZ	P62805
3657	H4 1:20 K8ac_K20me1 (H4)	Ac-SGRGKGG-KAc-GLGKGGAKRHR-KMe1-BZ	P62805
3658	H4 1:20 K8ac_K20me2 (H4)	Ac-SGRGKGG-KAc-GLGKGGAKRHR-KMe2-BZ	P62805
3659	H4 1:20 K8ac_K20me3 (H4)	Ac-SGRGKGG-KAc-GLGKGGAKRHR-KMe3-BZ	P62805
3660	H4 1:20 K8ac_K16ac (H4)	Ac-SGRGKGG-KAc-GLGKGGGA-KAc-RHRK-BZ	P62805
3661	H4 1:20 K8ac_K12ac (H4)	Ac-SGRGKGG-KAc-GLG-KAc-GGAKRHRK-BZ	P62805
3662	H4 1:20 K8ac_K12me1 (H4)	Ac-SGRGKGG-KAc-GLG-KMe1-GGAKRHRK-BZ	P62805
3663	H4 1:20 K8ac_K12me3 (H4)	Ac-SGRGKGG-KAc-GLG-KMe3-GGAKRHRK-BZ	P62805
3664	H4 1:20 K5ac_K20me1 (H4)	Ac-SGRG-KAc-GGKGLGKGGAKRHR-KMe1-BZ	P62805
3665	H4 1:20 K5ac_K20me2 (H4)	Ac-SGRG-KAc-GGKGLGKGGAKRHR-KMe2-BZ	P62805
3666	H4 1:20 K5ac_K20me3 (H4)	Ac-SGRG-KAc-GGKGLGKGGAKRHR-KMe3-BZ	P62805
3667	H4 1:20 K5ac_K8ac (H4)	Ac-SGRG-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3668	H4 1:20 R3me2a_K8ac (H4)	Ac-SG-RMe2a-GKGG-KAc-GLGKGGAKRHRK-BZ	P62805
3669	H4 1:20 R3me2a_K5ac (H4)	Ac-SG-RMe2a-G-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3670	H4 1:20 R3me2s_K8ac (H4)	Ac-SG-RMe2s-GKGG-KAc-GLGKGGAKRHRK-BZ	P62805
3671	H4 1:20 R3me2s_K5ac (H4)	Ac-SG-RMe2s-G-KAc-GGKGLGKGGAKRHRK-BZ	P62805



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	Peptide Name	Peptide Sequence	Uniprot
3672	H4 1:20 pS1 K5ac (H4)	Ac-pS-GRG-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3673	H4 1:20 pS1 R3me2a (H4)	Ac-pS-G-RMe2a-GKGGKGLGKGGAKRHRK-BZ	P62805
3674	H4 1:20 pS1 R3me2s (H4)	Ac-pS-G-RMe2s-GKGGKGLGKGGAKRHRK-BZ	P62805
3675	H4 1:20 K8ac_K12ac_K16ac (H4)	Ac-SGRGKGG-KAc-GLG-KAc-GGA-KAc-RHRK-BZ	P62805
3676	H4 1:20 K5ac_K8ac_K12ac (H4)	Ac-SGRG-KAc-GG-KAc-GLG-KAc-GGAKRHRK-BZ	P62805
3677	H4 1:20 R3me2a_K5ac_K8ac (H4)	Ac-SG-RMe2a-G-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3678	H4 1:20 R3me2s_K5ac_K8ac (H4)	Ac-SG-RMe2s-G-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3679	H4 1:20 pS1 K5ac_K8ac (H4)	Ac-pS-GRG-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3680	H4 1:20 pS1 R3me2a_K5ac (H4)	Ac-pS-G-RMe2a-G-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3681	H4 1:20 pS1 R3me2s_K5ac (H4)	Ac-pS-G-RMe2s-G-KAc-GGKGLGKGGAKRHRK-BZ	P62805
3682	H4 1:20 K5ac_K8ac_K12ac_K16ac (H4)	Ac-SGRG-KAc-GG-KAc-GLG-KAc-GGA-KAc-RHRK-BZ	P62805
3683	H4 1:20 R3me2a_K5ac_K8ac_K12ac (H4)	Ac-SG-RMe2a-G-KAc-GG-KAc-GLG-KAc-GGAKRHRK-BZ	P62805
3684	H4 1:20 R3me2s_K5ac_K8ac_K12ac (H4)	Ac-SG-RMe2s-G-KAc-GG-KAc-GLG-KAc-GGAKRHRK-BZ	P62805
3685	H4 1:20 pS1_K5ac_K8ac_K12ac (H4)	Ac-pS-GRG-KAc-GG-KAc-GLG-KAc-GGAKRHRK-BZ	P62805
3686	H4 1:20 pS1_R3me2a_K5ac_K8ac (H4)	Ac-pS-G-RMe2a-G-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3687	H4 1:20 pS1_R3me2s_K5ac_K8ac (H4)	Ac-pS-G-RMe2s-G-KAc-GG-KAc-GLGKGGAKRHRK-BZ	P62805
3688	H4 1:20 K5ac_K8ac_K12ac_K16ac_K20me3 (H4)	Ac-SGRG-KAc-GG-KAc-GLG-KAc-GGA-KAc-RHR-KMe3-BZ	P62805
3689	H4 1:20 pS1_K5ac_K8ac_K12ac_K16ac (H4)	Ac-pS-GRG-KAc-GG-KAc-GLG-KAc-GGA-KAc-RHRK-BZ	P62805
3690	H4 1:20 pS1_K5ac_K8ac_K12ac_K16ac_K20me3 (H4)	Ac-pS-GRG-KAc-GG-KAc-GLG-KAc-GGA-KAc-RHR-KMe3-BZ	P62805
3691	H4 11:30 (H4)	Ac-GKGGAKRHRKVLDRDNIQGIT-BZ	P62805
3692	H4 11:30 Cit23 (H4)	Ac-GKGGAKRHRKVL-Cit-DNIQGIT-BZ	P62805
3693	H4 11:30 R23me1 (H4)	Ac-GKGGAKRHRKVL-RMe1-DNIQGIT-BZ	P62805
3694	H4 11:30 R23me2a (H4)	Ac-GKGGAKRHRKVL-RMe2a-DNIQGIT-BZ	P62805
3695	H4 11:30 R23me2s (H4)	Ac-GKGGAKRHRKVL-RMe2s-DNIQGIT-BZ	P62805
3696	H4 11:30 K20ac (H4)	Ac-GKGGAKRHR-KAc-VLRDNIQGIT-BZ	P62805
3697	H4 11:30 K20me1 (H4)	Ac-GKGGAKRHR-KMe1-VLRDNIQGIT-BZ	P62805
3698	H4 11:30 K20me2 (H4)	Ac-GKGGAKRHR-KMe2-VLRDNIQGIT-BZ	P62805
3699	H4 11:30 K20me3 (H4)	Ac-GKGGAKRHR-KMe3-VLRDNIQGIT-BZ	P62805
3700	H4 11:30 K20but (H4)	Ac-GKGGAKRHR-KBut-VLRDNIQGIT-BZ	P62805
3701	H4 11:30 K20prop (H4)	Ac-GKGGAKRHR-KProp-VLRDNIQGIT-BZ	P62805
3702	H4 11:30 K20mal (H4)	Ac-GKGGAKRHR-KMal-VLRDNIQGIT-BZ	P62805
3703	H4 11:30 K20suc (H4)	Ac-GKGGAKRHR-KSuc-VLRDNIQGIT-BZ	P62805
3704	H4 11:30 Cit19 (H4)	Ac-GKGGAKRH-Cit-KVLRDNIQGIT-BZ	P62805
3705	H4 11:30 R19me1 (H4)	Ac-GKGGAKRH-RMe1-KVLRDNIQGIT-BZ	P62805
3706	H4 11:30 R19me2a (H4)	Ac-GKGGAKRH-RMe2a-KVLRDNIQGIT-BZ	P62805
3707	H4 11:30 R19me2s (H4)	Ac-GKGGAKRH-RMe2s-KVLRDNIQGIT-BZ	P62805
3708	H4 11:30 Cit17 (H4)	Ac-GKGGAK-Cit-HRKVLRDNIQGIT-BZ	P62805
3709	H4 11:30 R17me1 (H4)	Ac-GKGGAK-RMe1-HRKVLRDNIQGIT-BZ	P62805
3710	H4 11:30 R17me2a (H4)	Ac-GKGGAK-RMe2a-HRKVLRDNIQGIT-BZ	P62805
3711	H4 11:30 R17me2s (H4)	Ac-GKGGAK-RMe2s-HRKVLRDNIQGIT-BZ	P62805
3712	H4 11:30 K16ac (H4)	Ac-GKGGAK-KAc-RHRKVLDRDNIQGIT-BZ	P62805
3713	H4 11:30 K16me1 (H4)	Ac-GKGGAK-KMe1-HRKVLRDNIQGIT-BZ	P62805



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	Peptide Name	Peptide Sequence	Uniprot
3714	H4 11:30 K16me2 (H4)	Ac-GKGGG-KMe2-RHRKVLRDNIQGIT-BZ	P62805
3715	H4 11:30 K16me3 (H4)	Ac-GKGGG-KMe3-RHRKVLRDNIQGIT-BZ	P62805
3716	H4 11:30 K16but (H4)	Ac-GKGGG-KBut-RHRKVLRDNIQGIT-BZ	P62805
3717	H4 11:30 K16prop (H4)	Ac-GKGGG-KProp-RHRKVLRDNIQGIT-BZ	P62805
3718	H4 11:30 K16mal (H4)	Ac-GKGGG-KMal-RHRKVLRDNIQGIT-BZ	P62805
3719	H4 11:30 K16suc (H4)	Ac-GKGGG-KSuc-RHRKVLRDNIQGIT-BZ	P62805
3720	H4 14:33 (H4)	Ac-GAKRHRKVLRDNIQGITKPA-BZ	P62805
3721	H4 14:33 K31ac (H4)	Ac-GAKRHRKVLRDNIQGIT-Kac-PA-BZ	P62805
3722	H4 14:33 K31me2 (H4)	Ac-GAKRHRKVLRDNIQGIT-KMe2-PA-BZ	P62805
3723	H4 14:33 K20ac (H4)	Ac-GAKRHR-KAc-VLRDNIQGITKPA-BZ	P62805
3724	H4 14:33 K20me1 (H4)	Ac-GAKRHR-KMe1-VLRDNIQGITKPA-BZ	P62805
3725	H4 14:33 K20me2 (H4)	Ac-GAKRHR-KMe2-VLRDNIQGITKPA-BZ	P62805
3726	H4 14:33 K20me3 (H4)	Ac-GAKRHR-KMe3-VLRDNIQGITKPA-BZ	P62805
3727	H4 14:33 K16ac (H4)	Ac-GA-KAc-RHRKVLRDNIQGITKPA-BZ	P62805
3728	H4 21:40 (H4)	Ac-VLRDNIQGITKPAIRRLARR-BZ	P62805
3729	H4 21:40 Cit35 (H4)	Ac-VLRDNIQGITKPAI-Cit-RLARR-BZ	P62805
3730	H4 21:40 R35me1 (H4)	Ac-VLRDNIQGITKPAI-RMe1-RLARR-BZ	P62805
3731	H4 21:40 R35me2a (H4)	Ac-VLRDNIQGITKPAI-RMe2a-RLARR-BZ	P62805
3732	H4 21:40 R35me2s (H4)	Ac-VLRDNIQGITKPAI-RMe2s-RLARR-BZ	P62805
3733	H4 21:40 K31ac (H4)	Ac-VLRDNIQGIT-Kac-PAIRRLARR-BZ	P62805
3734	H4 21:40 K31me1 (H4)	Ac-VLRDNIQGIT-KMe1-PAIRRLARR-BZ	P62805
3735	H4 21:40 K31me2 (H4)	Ac-VLRDNIQGIT-KMe2-PAIRRLARR-BZ	P62805
3736	H4 21:40 K31me3 (H4)	Ac-VLRDNIQGIT-KMe3-PAIRRLARR-BZ	P62805
3737	H4 21:40 K31but (H4)	Ac-VLRDNIQGIT-KBut-PAIRRLARR-BZ	P62805
3738	H4 21:40 K31prop (H4)	Ac-VLRDNIQGIT-KProp-PAIRRLARR-BZ	P62805
3739	H4 21:40 K31mal (H4)	Ac-VLRDNIQGIT-KMal-PAIRRLARR-BZ	P62805
3740	H4 21:40 K31suc (H4)	Ac-VLRDNIQGIT-KSuc-PAIRRLARR-BZ	P62805
3741	H4 21:40 pT30 (H4)	Ac-VLRDNIQGI-pT-KPAIRRLARR-BZ	P62805
3742	H4 31:50 (H4)	Ac-KPAIRRLARRGGVKRISGLI-BZ	P62805
3743	H4 31:50 Cit45 (H4)	Ac-KPAIRRLARRGGVK-Cit-ISGLI-BZ	P62805
3744	H4 31:50 R45me1 (H4)	Ac-KPAIRRLARRGGVK-RMe1-ISGLI-BZ	P62805
3745	H4 31:50 R45me2a (H4)	Ac-KPAIRRLARRGGVK-RMe2a-ISGLI-BZ	P62805
3746	H4 31:50 R45me2s (H4)	Ac-KPAIRRLARRGGVK-RMe2s-ISGLI-BZ	P62805
3747	H4 31:50 K44ac (H4)	Ac-KPAIRRLARRGGV-KAc-RISGLI-BZ	P62805
3748	H4 31:50 K44me1 (H4)	Ac-KPAIRRLARRGGV-KMe1-RISGLI-BZ	P62805
3749	H4 31:50 K44me2 (H4)	Ac-KPAIRRLARRGGV-KMe2-RISGLI-BZ	P62805
3750	H4 31:50 K44me3 (H4)	Ac-KPAIRRLARRGGV-KMe3-RISGLI-BZ	P62805
3751	H4 31:50 K44but (H4)	Ac-KPAIRRLARRGGV-KBut-RISGLI-BZ	P62805
3752	H4 31:50 K44prop (H4)	Ac-KPAIRRLARRGGV-KProp-RISGLI-BZ	P62805
3753	H4 31:50 K44mal (H4)	Ac-KPAIRRLARRGGV-KMal-RISGLI-BZ	P62805
3754	H4 31:50 K44suc (H4)	Ac-KPAIRRLARRGGV-KSuc-RISGLI-BZ	P62805
3755	H4 31:50 Cit40 (H4)	Ac-KPAIRRLAR-Cit-GGVKRISGLI-BZ	P62805
3756	H4 31:50 R40me1 (H4)	Ac-KPAIRRLAR-RMe1-GGVKRISGLI-BZ	P62805



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	Peptide Name	Peptide Sequence	Uniprot
3757	H4 31:50 R40me2a (H4)	Ac-KPAIRRLAR-RMe2a-GGVKRISGLI-BZ	P62805
3758	H4 31:50 R40me2s (H4)	Ac-KPAIRRLAR-RMe2s-GGVKRISGLI-BZ	P62805
3759	H4 31:50 Cit39 (H4)	Ac-KPAIRRLA-Cit-RGGVKRISGLI-BZ	P62805
3760	H4 31:50 R39me1 (H4)	Ac-KPAIRRLA-RMe1-RGGVKRISGLI-BZ	P62805
3761	H4 31:50 R39me2a (H4)	Ac-KPAIRRLA-RMe2a-RGGVKRISGLI-BZ	P62805
3762	H4 31:50 R39me2s (H4)	Ac-KPAIRRLA-RMe2s-RGGVKRISGLI-BZ	P62805
3763	H4 31:50 Cit36 (H4)	Ac-KPAIR-Cit-LARRGGVKRISGLI-BZ	P62805
3764	H4 31:50 R36me1 (H4)	Ac-KPAIR-RMe1-LARRGGVKRISGLI-BZ	P62805
3765	H4 31:50 R36me2a (H4)	Ac-KPAIR-RMe2a-LARRGGVKRISGLI-BZ	P62805
3766	H4 31:50 R36me2s (H4)	Ac-KPAIR-RMe2s-LARRGGVKRISGLI-BZ	P62805
3767	H4 41:60 (H4)	Ac-GGVKRISGLIYEETRGVLKV-BZ	P62805
3768	H4 41:60 Cit55 (H4)	Ac-GGVKRISGLIYEET-Cit-GVLKV-BZ	P62805
3769	H4 41:60 R55me1 (H4)	Ac-GGVKRISGLIYEET-RMe1-GVLKV-BZ	P62805
3770	H4 41:60 R55me2a (H4)	Ac-GGVKRISGLIYEET-RMe2a-GVLKV-BZ	P62805
3771	H4 41:60 R55me2s (H4)	Ac-GGVKRISGLIYEET-RMe2s-GVLKV-BZ	P62805
3772	H4 41:60 pT54 (H4)	Ac-GGVKRISGLIYEE-pT-RGVLKV-BZ	P62805
3773	H4 41:60 pY51 (H4)	Ac-GGVKRISGLI-pY-EETRGVLKV-BZ	P62805
3774	H4 41:60 pS47 (H4)	Ac-GGVKRI-pS-GLIYEETRGVLKV-BZ	P62805
3775	H4 44:63 (H4)	Ac-KRISGLIYEETRGVLKVFLF-BZ	P62805
3776	H4 44:63 K59ac (H4)	Ac-KRISGLIYEETRGVL-KAc-VFLF-BZ	P62805
3777	H4 44:63 R55me1 (H4)	Ac-KRISGLIYEET-RMe1-GVLKVFLF-BZ	P62805
3778	H4 44:63 R55me2a (H4)	Ac-KRISGLIYEET-RMe2a-GVLKVFLF-BZ	P62805
3779	H4 44:63 R55me2s (H4)	Ac-KRISGLIYEET-RMe2s-GVLKVFLF-BZ	P62805
3780	H4 44:63 pY51 (H4)	Ac-KRISGLI-pY-EETRGVLKVFLF-BZ	P62805
3781	H4 44:63 pS47 (H4)	Ac-KRI-pS-GLIYEETRGVLKVFLF-BZ	P62805
3782	H4 51:70 (H4)	Ac-YEETRGVLKVFLFENVIRDAV-BZ	P62805
3783	H4 51:70 K59ac (H4)	Ac-YEETRGVL-KAc-VFLFENVIRDAV-BZ	P62805
3784	H4 51:70 K59me1 (H4)	Ac-YEETRGVL-KMe1-VFLFENVIRDAV-BZ	P62805
3785	H4 51:70 K59me2 (H4)	Ac-YEETRGVL-KMe2-VFLFENVIRDAV-BZ	P62805
3786	H4 51:70 K59me3 (H4)	Ac-YEETRGVL-KMe3-VFLFENVIRDAV-BZ	P62805
3787	H4 51:70 K59but (H4)	Ac-YEETRGVL-KBut-VFLFENVIRDAV-BZ	P62805
3788	H4 51:70 K59prop (H4)	Ac-YEETRGVL-KProp-VFLFENVIRDAV-BZ	P62805
3789	H4 51:70 K59mal (H4)	Ac-YEETRGVL-KMal-VFLFENVIRDAV-BZ	P62805
3790	H4 51:70 K59suc (H4)	Ac-YEETRGVL-KSuc-VFLFENVIRDAV-BZ	P62805
3791	H4 61:80 (H4)	Ac-FLENVIRDAVYTEHAKRKT-BZ	P62805
3792	H4 61:80 pT73 (H4)	Ac-FLENVIRDAVY-pT-EHAKRKT-BZ	P62805
3793	H4 61:80 pY72 (H4)	Ac-FLENVIRDAVY-pY-TEHAKRKT-BZ	P62805
3794	H4 61:80 pT71 (H4)	Ac-FLENVIRDAV-pT-YTEHAKRKT-BZ	P62805
3795	H4 61:80 Cit67 (H4)	Ac-FLENVI-Cit-DAVYTEHAKRKT-BZ	P62805
3796	H4 61:80 R67me1 (H4)	Ac-FLENVI-RMe1-DAVYTEHAKRKT-BZ	P62805
3797	H4 61:80 R67me2a (H4)	Ac-FLENVI-RMe2a-DAVYTEHAKRKT-BZ	P62805
3798	H4 61:80 R67me2s (H4)	Ac-FLENVI-RMe2s-DAVYTEHAKRKT-BZ	P62805
3799	H4 68:87 (H4)	Ac-DAVYTEHAKRKTIVTAMDVV-BZ	P62805



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	Peptide Name	Peptide Sequence	Uniprot
3800	H4 68:87 K79ac (H4)	Ac-DAVTTYTEHAKR-KAc-TVTAMDVV-BZ	P62805
3801	H4 68:87 K79me1 (H4)	Ac-DAVTTYTEHAKR-KMe1-TVTAMDVV-BZ	P62805
3802	H4 68:87 K79me2 (H4)	Ac-DAVTTYTEHAKR-KMe2-TVTAMDVV-BZ	P62805
3803	H4 68:87 K79me3 (H4)	Ac-DAVTTYTEHAKR-KMe3-TVTAMDVV-BZ	P62805
3804	H4 68:87 K77ac (H4)	Ac-DAVTTYTEHA-KAc-RKTVTAMDVV-BZ	P62805
3805	H4 68:87 K77ac_K79ac (H4)	Ac-DAVTTYTEHA-KAc-R-KAc-TVTAMDVV-BZ	P62805
3806	H4 68:87 K77ac_K79me1 (H4)	Ac-DAVTTYTEHA-KAc-R-KMe1-TVTAMDVV-BZ	P62805
3807	H4 68:87 K77ac_K79me3 (H4)	Ac-DAVTTYTEHA-KAc-R-KMe3-TVTAMDVV-BZ	P62805
3808	H4 71:90 (H4)	Ac-TYTEHAKRKTVTAMDVVYAL-BZ	P62805
3809	H4 71:90 pT82 (H4)	Ac-TYTEHAKRKT-pT-AMDVVYAL-BZ	P62805
3810	H4 71:90 pT80 (H4)	Ac-TYTEHAKR-pT-VTAMDVVYAL-BZ	P62805
3811	H4 71:90 K79ac (H4)	Ac-TYTEHAKR-KAc-TVTAMDVVYAL-BZ	P62805
3812	H4 71:90 K79me1 (H4)	Ac-TYTEHAKR-KMe1-TVTAMDVVYAL-BZ	P62805
3813	H4 71:90 K79me2 (H4)	Ac-TYTEHAKR-KMe2-TVTAMDVVYAL-BZ	P62805
3814	H4 71:90 K79me3 (H4)	Ac-TYTEHAKR-KMe3-TVTAMDVVYAL-BZ	P62805
3815	H4 71:90 K79but (H4)	Ac-TYTEHAKR-KBut-TVTAMDVVYAL-BZ	P62805
3816	H4 71:90 K79prop (H4)	Ac-TYTEHAKR-KProp-TVTAMDVVYAL-BZ	P62805
3817	H4 71:90 K79mal (H4)	Ac-TYTEHAKR-KMal-TVTAMDVVYAL-BZ	P62805
3818	H4 71:90 K79suc (H4)	Ac-TYTEHAKR-KSuc-TVTAMDVVYAL-BZ	P62805
3819	H4 71:90 Cit78 (H4)	Ac-TYTEHAK-Cit-KTVTAMDVVYAL-BZ	P62805
3820	H4 71:90 R78me1 (H4)	Ac-TYTEHAK-RMe1-KTVTAMDVVYAL-BZ	P62805
3821	H4 71:90 R78me2a (H4)	Ac-TYTEHAK-RMe2a-KTVTAMDVVYAL-BZ	P62805
3822	H4 71:90 R78me2s (H4)	Ac-TYTEHAK-RMe2s-KTVTAMDVVYAL-BZ	P62805
3823	H4 71:90 K77ac (H4)	Ac-TYTEHA-KAc-RKTVTAMDVVYAL-BZ	P62805
3824	H4 71:90 K77me1 (H4)	Ac-TYTEHA-KMe1-RKTVTAMDVVYAL-BZ	P62805
3825	H4 71:90 K77me2 (H4)	Ac-TYTEHA-KMe2-RKTVTAMDVVYAL-BZ	P62805
3826	H4 71:90 K77me3 (H4)	Ac-TYTEHA-KMe3-RKTVTAMDVVYAL-BZ	P62805
3827	H4 71:90 K77but (H4)	Ac-TYTEHA-KBut-RKTVTAMDVVYAL-BZ	P62805
3828	H4 71:90 K77prop (H4)	Ac-TYTEHA-KProp-RKTVTAMDVVYAL-BZ	P62805
3829	H4 71:90 K77mal (H4)	Ac-TYTEHA-KMal-RKTVTAMDVVYAL-BZ	P62805
3830	H4 71:90 K77suc (H4)	Ac-TYTEHA-KSuc-RKTVTAMDVVYAL-BZ	P62805
3831	H4 81:100 (H4)	Ac-VTAMDVVYALKRQGRPLYGF-BZ	P62805
3832	H4 81:100 Cit95 (H4)	Ac-VTAMDVVYALKRQG-Cit-TLYGF-BZ	P62805
3833	H4 81:100 R95me1 (H4)	Ac-VTAMDVVYALKRQG-RMe1-TLYGF-BZ	P62805
3834	H4 81:100 R95me2a (H4)	Ac-VTAMDVVYALKRQG-RMe2a-TLYGF-BZ	P62805
3835	H4 81:100 R95me2s (H4)	Ac-VTAMDVVYALKRQG-RMe2s-TLYGF-BZ	P62805
3836	H4 81:100 Cit92 (H4)	Ac-VTAMDVVYALK-Cit-QGRTLYGF-BZ	P62805
3837	H4 81:100 R92me1 (H4)	Ac-VTAMDVVYALK-RMe1-QGRTLYGF-BZ	P62805
3838	H4 81:100 R92me2a (H4)	Ac-VTAMDVVYALK-RMe2a-QGRTLYGF-BZ	P62805
3839	H4 81:100 R92me2s (H4)	Ac-VTAMDVVYALK-RMe2s-QGRTLYGF-BZ	P62805
3840	H4 81:100 K91ac (H4)	Ac-VTAMDVVYAL-KAc-RQGRPLYGF-BZ	P62805
3841	H4 81:100 K91me1 (H4)	Ac-VTAMDVVYAL-KMe1-RQGRPLYGF-BZ	P62805
3842	H4 81:100 K91me2 (H4)	Ac-VTAMDVVYAL-KMe2-RQGRPLYGF-BZ	P62805



Innovative Peptide Solutions

Histone Code Peptide Microarray

	Peptide Name	Peptide Sequence	Uniprot
3843	H4 81:100 K91me3 (H4)	Ac-VTAMDVVYAL-KMe3-RQGRTLYGF-BZ	P62805
3844	H4 81:100 K91but (H4)	Ac-VTAMDVVYAL-KBut-RQGRTLYGF-BZ	P62805
3845	H4 81:100 K91prop (H4)	Ac-VTAMDVVYAL-KProp-RQGRTLYGF-BZ	P62805
3846	H4 81:100 K91mal (H4)	Ac-VTAMDVVYAL-KMal-RQGRTLYGF-BZ	P62805
3847	H4 81:100 K91suc (H4)	Ac-VTAMDVVYAL-KSuc-RQGRTLYGF-BZ	P62805
3848	H4 81:100 pY88 (H4)	Ac-VTAMDVV-pY-ALKRQGRTLYGF-BZ	P62805
3849	H4 83:102 (H4)	Ac-AMDVVYALKRQGRTLYGFGG-BZ	P62805
3850	H4 83:102 pY98 (H4)	Ac-AMDVVYALKRQGRTL-pY-GFGG-BZ	P62805
3851	H4 83:102 pT96 (H4)	Ac-AMDVVYALKRQGR-pT-LYGFGG-BZ	P62805
3852	H4 83:102 Cit95 (H4)	Ac-AMDVVYALKRQG-Cit-TLYGFGG-BZ	P62805
3853	H4 83:102 R95me1 (H4)	Ac-AMDVVYALKRQG-RMe1-TLYGFGG-BZ	P62805
3854	H4 83:102 R95me2a (H4)	Ac-AMDVVYALKRQG-RMe2a-TLYGFGG-BZ	P62805
3855	H4 83:102 R95me2s (H4)	Ac-AMDVVYALKRQG-RMe2s-TLYGFGG-BZ	P62805
3856	H4 83:102 Cit92 (H4)	Ac-AMDVVYALK-Cit-QGRTLYGFGG-BZ	P62805
3857	H4 83:102 R92me1 (H4)	Ac-AMDVVYALK-RMe1-QGRTLYGFGG-BZ	P62805
3858	H4 83:102 R92me2a (H4)	Ac-AMDVVYALK-RMe2a-QGRTLYGFGG-BZ	P62805
3859	H4 83:102 R92me2s (H4)	Ac-AMDVVYALK-RMe2s-QGRTLYGFGG-BZ	P62805
3860	H4 83:102 K91ac (H4)	Ac-AMDVVYAL-KAc-RQGRTLYGFGG-BZ	P62805
3861	H4 83:102 K91me1 (H4)	Ac-AMDVVYAL-KMe1-RQGRTLYGFGG-BZ	P62805
3862	H4 83:102 K91me2 (H4)	Ac-AMDVVYAL-KMe2-RQGRTLYGFGG-BZ	P62805
3863	H4 83:102 K91me3 (H4)	Ac-AMDVVYAL-KMe3-RQGRTLYGFGG-BZ	P62805
3864	H4 83:102 K91but (H4)	Ac-AMDVVYAL-KBut-RQGRTLYGFGG-BZ	P62805
3865	H4 83:102 K91prop (H4)	Ac-AMDVVYAL-KProp-RQGRTLYGFGG-BZ	P62805
3866	H4 83:102 K91mal (H4)	Ac-AMDVVYAL-KMal-RQGRTLYGFGG-BZ	P62805
3867	H4 83:102 K91suc (H4)	Ac-AMDVVYAL-KSuc-RQGRTLYGFGG-BZ	P62805
3868	H4 83:102 pY88 (H4)	Ac-AMDVV-pY-ALKRQGRTLYGFGG-BZ	P62805