HIstone Peptides Replicate 🛨 1 🚤 2 H2A1A-K74[un] K75[un] H1.5-K33[ac] K45[un] K51[un] H2A1B-K13[un] K15[ac] H1.2-K33[un] K45[un] K51[un] H2A1B-K13[un] H1-K25[un] K31[un] H2A1A-K5[ac] K9[un] H2A1A-K5[un] K9[un] K15[un] 1.70e+01 1.7e+01 -• 1.75e+01 R = 0.45, p = 0.022R = 0.66, p = 0.00027R = 0.77, p = 4.1e-06R = 0.95, p = 9e-14R = 0.98, p < 2.2e-161.7e+01 1.80e+01 R = 0.62, p = 0.00065R = 0.56, p = 0.0053R = 0.98, p < 2.2e - 16R = 0.88, p = 3.5e-09R = 0.92, p = 3e-10R = 0.94, p = 2e-11R = 1, p < 2.2e-161.85e+01 R = 0.99, p < 2.2e-16R = 0.83, p = 1.2e-071.2e+01 1.65e+01 R = 0.97, p = 4.6e-141.6e+01 1.70e+01 R = 0.95, p = 6.7e - 121.5e+01 -1.75e+01 1.80e+01 1.60e+01 1.5e+01 1.65e+01 1.1e+01 -1.70e+01 1.4e+01 1.75e+01 1.55e+01 1.4e+01 -1.60e+01 1.5e+01 1.65e+01 1.0e+01 1.70e+01 1.50e+01 1.3e+01 1.3e+01 1.55e+01 H2AJ-K5[ac] T6[ac] K9[un] H31-K18[ac] K23[ac] H2AJ-K5[ac] K9[ac] H2AJ-K5[un] K9[un] H2AX-K5[un] K9[un] H31-K122[un] H31-K18[ac] K23[un] H31-K18[un] K23[ac] 1.3e+01 -1.9e+01 1.3e+01 1.80e+01 R = 0.64, p = 0.00042R = 0.73, p = 2.1e-05R = 0.97, p < 2.2e-16R = 0.51, p = 0.0084R = 0.94, p = 1.1e-121.7e+01 -R = 0.97, p < 2.2e-161.6e+01 R = 0.28, p = 0.19R = 0.74, p = 5.2e-05R = 0.7, p = 0.00019R = 0.84, p = 4.8e-07R = 0.99, p < 2.2e-16R = 1, p < 2.2e-161.40e+01 1.8e+01 1.75e+01 1.7e+01 1.2e+01 1.2e+01 1.35e+01 1.4e+01 1.70e+01 1.5e+01 1.6e+01 1.5e+01 1.30e+01 1.4e+01 1.65e+01 1.1e+01 1.2e+01 1.1e+01 - 1.4e+01 1.3e+01 1.25e+01 1.3e+01 1.60e+01 19.0 19.5 18.0 H31-K27[un] K36[un] K37[un] H31-K9[ac] K14[ac] H31-K18[un] K23[su] H31-K18[un] K23[un] H31-K4[me] H31-K64[un] H31-K79[me] H31-K4[un] 1.50e+01 1.40e+01 -1.0e+01 **-**R = 0.87, p = 55e - 09R = 0.37, p = 0.062 • R = 0.45, p = 0.021R = 0.82, p = 2.4e-07R = 0.97, p < 2.2e - 16R = 0.82, p = 3.7e-07R = 0.24, p = 0.281.80e+01 $\Re = 0.066, p = 0.76$ R = -0.096, p = 0.661.3e+01 R = 0.28, p = 0.2 • • R = 0.84, p = 5.6e-07R = 0.99, p < 2.2e-16R = 0.76, p = 8.3e-067.5e+00 1.35e+01 -7.5e+00 · $R = 0.93, p = 7.2e_{7}$ 1.25e+01 1.75e+01 1.2e+01 1.9e+01 1.30e+01 5.0e+00 5.0e+00 1.00e+01 1.1e+01 1.70e+01 1.25e+01 2.5e+00 1.8e+01 2.5e+00 -1.0e+01 1.20e+01 7.50e+00 1.65e+01 0.0e+00 0.0e + 009.0e+001.15e+01 21.0 13.0 14.0 20.0 18.0 19.0 H31-K9[me2] K14[ac] H31-K9[me3] K14[ac] H31-K9[me2] K14[un] H31-K9[me3] K14[un] H31-K9[me] K14[ac] H31-K9[me] K14[un] H31-K9[un] K14[ac] H31-K9[un] K14[ub] 1.2e+01 $R = 0.014, \phi = 0.94$ R = 0.73, p = 2.8e-05R = 0.54, p = 0.00461.6e+01 R = 0.95, p = 1.6e-131.5e+01 -R = 0.27, p = 0.18R = 0.68, p = 0.000121.6e+01 -R = 0.74, p = 1.5e-051.5e+01 R = 0.69, p = 0.00025R = 0.78, p = 9.5e-06R = -0.38, p = 0.075R = 0.81, p = 6.7e-07R = 0.99, p < 2.2e-16R = 0.95, p = 8.3e-121.5e+01 R = 0.96, p = 7.6e-13R = 0.93, p = 9.3e-111.2e+01 1.4e+01 1.4e+01 1.5e+01 1.5e+01 1.4e+01 1.4e+01 1.3e+01 1.0e+01 1.3e+01 1.4e+01 1.4e+01 1.2e+01 1.3e+01 1.2e+01 9.0e+00 1.2e+01 1.3e+01 1.0e+01 1.3e+01 1.1e+01 1.1e+01 1.2e+01 8.0e+00 H4-K5[ac] K8[ac] K12[ac] K16[ac] H4-K5[ac] K8[ac] K12[un] K16[ac] H4-K5[ac] K8[ac] K12[un] K16[un] H4-K5[ac] K8[un] K12[ac] K16[ac] H4-K5[ac] K8[ac] K12[ac] K16[un] H31-K9[un] K14[un] H4-K31[un] H4-K44[un] 1.7e+01 -1.8e+01 · 1.6e+01 R = 0.29, p = 0.14R = 0.83, p = 1.8e-07R = 0.9, p = 3.4e-10R = 0.99, p < 2.2e-16R = 0.97, p = 2.7e-161.8e+01 -1.6e+01 **-**R = 0.7, p = 5.9e-05R = 0.86, p = 1.3e-08R = 0.65, p = 0.00076R = 0.95, p = 1.9e-12R = 0.99, p < 2.2e-16R = 0.96, p = 2.7e-13R = 0.99, p < 2.2e-161.8e+01 R = 0.98, p = 8.4e-161.30e+01 R = 0.96, p = 1.1e-120.86, p = 1.5e - 081.6e+01 1.4e+01 1.4e+01 R = 0.73, p = 8.7e-051.6e+01 1.5e+01 1.6e+01 1.5e+01 1.6e+01 1.25e+01 1.4e+01 1.2e+01 1.2e+01 1.4e+01 1.4e+01 1.20e+01 1.4e+01 1.4e+01 1.3e+01 1.0e+01 1.3e+01 1.2e+01 1.2e+01 1.15e+01 1.2e+01 1.0e+01 1.2e + 0115 16 H4-K5[ac] K8[un] K12[ac] K16[un] H4-K5[ac] K8[un] K12[un] K16[ac] H4-K5[ac] K8[un] K12[un] K16[un] H4-K5[un] K8[ac] K12[ac] K16[ac] H4-K5[un] K8[ac] K12[ac] K16[un] H4-K5[un] K8[ac] K12[un] K16[ac] H4-K5[un] K8[ac] K12[un] K16[un] H4-K5[un] K8[un] K12[ac] K16[ac] 1.7e+01 -1.7e+01 1.7e+01 R = 0.5, p = 0.0099R = 0.79, p = 1.2e-061.6e+01 R = 0.86, p = 1.8e-08R = 0.87, p = 1.2e-08R = 0.87, p = 6.1e-091.6e+01 R = 0.92, p = 5e-111.50e+01 -R = 0.31, p = 0.13R = 0.95, p = 2.2e-12R = 0.83, p = 8.4e-07R = 0.75, p = 1.1e-051.5e+01 R = 0.99, p < 2.2e - 16R = 0.96, p = 8.7e-13R = 0.94, p = 1.7e-111.6e+01 1.6e+01 R = 0.97, p = 1e-14R = 0.87, p = 6.4e-081.6e+01 1.6e+01 1.45e+01 1.5e+01 1.5e+01 1.5e+01 1.40e+01 1.5e+01 1.5e+01 1.4e+01 1.4e+01 1.5e+01 1.4e+01 1.4e+01 1.35e+01 1.3e+01 1.4e+01 1.4e+01 1.3e+01 1.4e+01 1.30e+01 1.3e+01 1.2e+01 1.3e+01 1.3e+01 1.3e+01 1.25e+01 3 12 4 15 13 16 12 H4-K5[un] K8[un] K12[un] K16[ac] H4-K5[un] K8[un] K12[un] K16[un] H4-K5[un] K8[un] K12[ac] K16[un] 2.0e+01 -1.8e+01 R = 0.99, p < 2.2e - 16R = 1, p < 2.2e - 16R = 0.88, p = 2.3e-091.6e+01 R = 1, p < 2.2e - 16R = 0.99, p < 2.2e - 16R = 0.98, p < 2.2e - 161.8e+01 1.6e+01 1.5e+01 1.6e+01 1.4e+01 1.4e+01 1.2e+01 1.4e+01 1.0e+01 1.2e+01 1.3e+01 16 18 Log2(MS1)