

S5 Table:

	H3K27me3		H4K20me3	
	H3 WT	H3A31S	H3 WT	H3A31S
1	1.78231818	1.003287	1.5698695	2.82295283
2	2.30611039	1.0038244	2.8875211	1.09981996
3	1.04781295	1.0038737	1.45446453	1.88535789
4	4.54749593	1.008937	2.96744882	1.20878192
5	1.51152774	1.0098271	4.22501681	2.15315126
6	2.3629232	1.013489	1.00953079	1.03679741
7	4.40181046	1.0167346	1.5560023	1.73120322
8	2.84736067	1.018232	1.92253776	1.03956375
9	2.98564541	1.018328	1.1131251	1.14419054
10	1.62566522	1.01893	3.40767437	1.58339691
11	1.64775363	1.0189348	1.80748225	1.29192066
12	1.3577281	1.0189823	1.30595238	1.03713
13	1.03939127	1.0198347	1.77630778	1.55950026
14	1.89772195	1.0268947	1.37608868	1.30224882
15	1.54647574	1.0283783	1.38984057	1.32723822
16	1.82828518	1.0284378	1.15512891	1.03686739
17	1.37648763	1.0284378	1.93292301	1.16063649
18	3.63357807	1.02874		2.12998551
19	2.06851693	1.0378347		1.06175943
20	1.08682106	1.03823		1.1322978
21	1.88809093	1.047372		
22	4.87522781	1.048923		
23	1.19049149	1.0489238		
24	7.22520586	1.0928732		
25	1.32017942	1.123453		
26	4.58812042	1.1732984		
27	2.68466793	1.1938478		
28		1.272763		
29		1.328948		
30		1.3828387		
31		1.421878		
32		1.4621872		
33		1.8273467		
34		2.000726		
35		2.00383		

36		2.0128348		
37		2.0354452		
38		2.234231		
39		2.397823		
40		2.589237		
41		2.6238236		
42		2.888937		
43		2.9237832		
44		3.0421893		
45		3.1783287		
46		3.4988987		
47		4.8214528		
48		4.924126		
49		4.993727		
50		5.213347		