

**Table S1. Densitometric quantitation of DNMT1 Deacetylation by HDACs****Western blot results from Figure 2C**

lane		anti-HA	anti-Ack	anti-Ack/anti-HA	normalized to control (lane 1)
2	control	7.27	19.91	2.74	1.00
4	no PCAF	21.90	0.03	0.00	0.00
6	HDAC1	8.76	4.65	0.53	0.19
8	HDAC2	8.98	18.99	2.11	0.77
10	HDAC3	11.76	6.70	0.57	0.21
12	SIRT1	16.87	0.10	0.01	0.00
14	SIRT6	10.97	21.98	2.00	0.73
16	SIRT7	13.49	27.66	2.05	0.75

**Western blot results from Figure S3**

lane		anti-HA	anti-Ack	anti-Ack/anti-HA	normalized to control (lane 2)
1	no PCAF	24.10	0.41	0.02	0.00
2	control	9.34	35.72	3.82	1.00
3	HDAC1	17.31	11.01	0.64	0.17
4	HDAC2	9.54	28.41	2.98	0.78
5	HDAC3	17.70	19.83	1.12	0.29
6	SIRT1	22.00	4.62	0.21	0.05

lane		anti-HA	anti-Ack	anti-Ack/anti-HA	normalized to control (lane 1)
1	control	30.03	67.95	2.26	1.00
2	HDAC1	31.95	31.35	0.98	0.43
3	SIRT1	38.02	0.70	0.02	0.01