

Additional File 5. Cell-cycle analysis of H3WT, H3K37A, H3K37R and H3K37Q after rapamycin treatment.

| Pre-Rap | % G1 | % S | % G2 |
|-----------------|-------------|------------|-------------|
| H3WT | 25.4 | 46.2 | 28.4 |
| H3K37A | 31.1 | 35.5 | 33.4 |
| H3K37R | 28.9 | 40.6 | 30.5 |
| H3K37Q | 30.3 | 39.9 | 29.8 |
| | | | |
| 1.5h Rap | % G1 | % S | % G2 |
| H3WT | 61.9 | 12.4 | 25.7 |
| H3K37A | 68.7 | 3.2 | 28.1 |
| H3K37R | 56.2 | 18.4 | 25.4 |
| H3K37Q | 66.7 | 11.9 | 21.3 |
| | | | |
| 4h Rap | % G1 | % S | % G2 |
| H3WT | 54.3 | 21.5 | 24.2 |
| H3K37A | 63.2 | 5.8 | 31 |
| H3K37R | 53.2 | 21.8 | 25 |
| H3K37Q | 54.6 | 23.9 | 21.5 |