**Table S2.** Summary of ChIP-seq and input libraries and mapping of sequence reads to B73 genome

| Library | Total read pairs | Read pairs passed quality control | Mappable read pairs | Uniquely mapped read pairs (%)[1] | Centromeric read pairs (%)[2] |
|---------|------------------|-----------------------------------|---------------------|-----------------------------------|-------------------------------|
| 0.2U Input | 35,366,518 | 34,282,260 | 33,568,066 | 16,854,486 (50.2%) | 86,937 (0.5%) |
| 0.2U ChIP | 28,053,990 | 20,594,145 | 18,375,337 | 6,929,280 (37.7%) | 1,575,470 (22.7%) |
| 5U Input | 40,687,077 | 39,209,656 | 38,610,100 | 19,128,781 (49.5%) | 84,051 (0.4%) |
| 5U ChIP | 37,563,852 | 36,085,722 | 35,124,707 | 15,072,393 (42.9%) | 1,662,475 (11.0%) |

[1] The percentage of uniquely mapped read pairs of total mapped read pairs.

[2] The percentage of centromeric read pairs of uniquely mapped read pairs.