**Figure 7 – Source Data 1. Chiasmata count data.** Chiasmata were counted from metaphase-I spreads labeled with *45S* rDNA FISH probes. The cold and hot *420* lines correspond to recombinant lines with significantly elevated recombination relative to Col/Col homozygous lines (cM) (Fig. 6).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Chiasmata | Col/Col | Ct/Ct | Col/Ct F1 | HOM-HET *420* | HET-HOM *420* |
| 6 | 0 | 0 | 2 | 1 | 0 |
| 7 | 6 | 0 | 4 | 4 | 3 |
| 8 | 7 | 12 | 7 | 15 | 14 |
| 9 | 16 | 12 | 14 | 20 | 13 |
| 10 | 6 | 13 | 3 | 13 | 6 |
| 11 | 0 | 0 | 0 | 2 | 0 |