

LIST OF TABLES

| | PAGE |
|--|------|
| Table 1. Detection and low resolution mapping of lethal mutations..... | 33 |
| Table 2. Comparison of the recombination fraction displayed by inbred BTBt versus hybrid double heterozygotes..... | 37 |
| Table 3. Deletion mapping crosses and progeny..... | 39 |
| Table 4. Complementation analyses involving <i>l(17)-2</i> | 47 |
| Table 5. The transmission frequency of <i>l(17)-2</i> is not increased in combination with a partial <i>t</i> haplotype..... | 52 |
| Table 6. Eight recombinant chromosomes are viable in combination with either <i>T^{orl}</i> or <i>T^{hp}</i> | 57 |