

Supplemental Table 1. Data generation and mapping statistics

|                      | Embryo<br>Rep 1 | Embryo<br>Rep 2 | Germlineless<br>AdultRep 1 | Germlineless<br>AdultRep 2 | Germline containing<br>AdultRep 1 | Germline containing<br>AdultRep 2 | XO Herm.<br>L3 | Naked DNA  |
|----------------------|-----------------|-----------------|----------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------|------------|
| Total read pairs     | 41,412,531      | 40,522,562      | 40,732,484                 | 38,377,313                 | 48,223,076                        | 49,120,535                        | 32,592,324     | 61,008,194 |
| Unique read pairs    | 20,813,043      | 20,932,835      | 17,115,272                 | 17,035,873                 | 27,007,464                        | 26,678,268                        | 18,026,756     | 36,166,977 |
| Median coverage (bp) | 31              | 27              | 9                          | 5                          | 19                                | 16                                | 20             | 36         |

Supplemental Table 2. Ratio of unique bases per chromosome

|     | Embryo<br>Rep 1 | Embryo<br>Rep 2 | Germlineless<br>Adult Rep 1 | Germlineless<br>Adult Rep 2 | Germline containing<br>Adult Rep 1 | Germline containing<br>Adult Rep 2 | XO Herm.<br>L3 | Naked DNA | Mappability |
|-----|-----------------|-----------------|-----------------------------|-----------------------------|------------------------------------|------------------------------------|----------------|-----------|-------------|
| I   | 0.95            | 0.95            | 0.95                        | 0.95                        | 0.95                               | 0.95                               | 0.95           | 0.94      | 0.95        |
| II  | 0.98            | 0.98            | 0.98                        | 0.98                        | 0.98                               | 0.98                               | 0.98           | 0.98      | 0.98        |
| III | 0.98            | 0.98            | 0.97                        | 0.97                        | 0.97                               | 0.97                               | 0.97           | 0.97      | 0.97        |
| IV  | 0.98            | 0.98            | 0.98                        | 0.98                        | 0.98                               | 0.98                               | 0.98           | 0.98      | 0.98        |
| V   | 0.95            | 0.95            | 0.95                        | 0.95                        | 0.95                               | 0.95                               | 0.95           | 0.95      | 0.95        |
| X   | 1.14            | 1.13            | 1.13                        | 1.13                        | 1.13                               | 1.14                               | 1.13           | 1.14      | 1.13        |