**Supplementary File 3. Chromosome-specific BACs used to generate FISH probes**

|  |  |  |  |
| --- | --- | --- | --- |
| **BAC** | **Chromosome** | **Start** | **End** |
| RPCI94\_19F11 | III | 35266 | 135375 |
| RPCI94\_21C16 | III | 53199 | 124610 |
| RPCI94\_27L20 | III | 241669 | 341069 |
| RPCI94\_27P10 | X | 4191 | 96616 |
| RPCI94\_03E18 | X | 217136 | 321081 |
| RPCI94\_01B13 | X | 237728 | 343819 |
| RPCI94\_20J22 | X | 720980 | 839475 |
| RPCI94\_28F15 | X | 1198052 | 1322029 |
| RPCI94\_19L23 | X | 3179427 | 3291372 |
| RPCI94\_19O24 | X | 14257820 | 14399879 |
| RPCI94\_26I06 | X | 15980691 | 16042072 |
| RPCI94\_28L18 | X | 16743266 | 16871287 |
| RPCI94\_22H01 | X | 19865754 | 19995983 |