**Runs of homozygosity analysis reveals adaptation to heat stress in a paternal broiler line**

J. A. P. Marchesi, M. E. Buzanskas, M. E. Cantão, A. M. G. Ibelli, J. O. Peixoto, L. B. Joaquim, G. C. M. Moreira, T. F. Godoy, A. P. Sbardella,E. A. P. Figueiredo,L. L Coutinho, D. P. Munari, M. C. Ledur

Supplementary Table S1 - Number of SNPs before¹ and after² the genotype quality control for macro, intermediate, and microchromosomes in a paternal broiler line.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| GGA | Length (Mb) | Number of SNPs1 | Mean distance (Kb) 1 | Number of SNPs 2 | Mean distance (Kb) 2 |
| Macrochromosomes | | | | | |
| 1 | 196.2 | 102 351 | 1.92 | 65 336 | 3.00 |
| 2 | 149.56 | 64 435 | 2.32 | 40 139 | 3.73 |
| 3 | 111.3 | 57 233 | 1.94 | 38 239 | 2.91 |
| 4 | 91.28 | 43 337 | 2.11 | 27 623 | 3.30 |
| 5 | 59.83 | 30 616 | 1.95 | 19 624 | 3.05 |
| Intermediate chromosomes | | | | | |
| 6 | 35.47 | 21 943 | 1.62 | 15 273 | 2.32 |
| 7 | 36.95 | 21 604 | 1.71 | 14 648 | 2.52 |
| 8 | 29.96 | 17 274 | 1.73 | 11 259 | 2.66 |
| 9 | 24.09 | 18 117 | 1.33 | 11 945 | 2.02 |
| Microchromosomes | | | | | |
| 10 | 20.44 | 18 947 | 1.08 | 12 408 | 1.65 |
| 11 | 20.22 | 13 984 | 1.45 | 9 688 | 2.09 |
| 12 | 19.95 | 14 829 | 1.35 | 10 005 | 1.99 |
| 13 | 18.41 | 11 282 | 1.63 | 7 557 | 2.44 |
| 14 | 15.6 | 13 181 | 1.18 | 8 505 | 1.83 |
| 15 | 12.76 | 10 505 | 1.21 | 6 719 | 1.90 |
| 16 | 0.65 | 584 | 1.11 | 245 | 2.65 |
| 17 | 10.96 | 9 379 | 1.17 | 6 393 | 1.71 |
| 18 | 11.05 | 9 673 | 1.14 | 6 129 | 1.80 |
| 19 | 9.98 | 9 044 | 1.10 | 6 188 | 1.61 |
| 20 | 14.11 | 9 614 | 1.47 | 6 758 | 2.09 |
| 21 | 6.86 | 8 943 | 0.77 | 6 163 | 1.11 |
| 22 | 4.73 | 4 696 | 1.01 | 2 676 | 1.77 |
| 23 | 5.79 | 6 687 | 0.87 | 4 472 | 1.29 |
| 24 | 6.28 | 7 745 | 0.81 | 5 205 | 1.21 |
| 25 | 2.91 | 2 501 | 1.16 | 1 486 | 1.96 |
| 26 | 5.31 | 6 332 | 0.84 | 4 062 | 1.31 |
| 27 | 5.66 | 5 731 | 0.99 | 3 723 | 1.52 |
| 28 | 4.97 | 5 553 | 0.90 | 3 052 | 1.63 |
| Total | 918.37 | 546 120 | ­- | 355 520 | ­- |

*Gallus gallus* chromosomes (GGA), Mb = Megabase, Kb = Kilobase