**Table S15. Summary of *MC1R* Haplotype Analysis on ECA3.** Genotype data was phased as described in Materials and Methods and summary statistics on the chromosomes containing the associated haplotype are presented by breed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Chromosome Attributes (Mb)** | | |  |
|  | **Chromosomes evaluated** | **Start** | **Stop** | **Length** | **#SNPs** |
| **Andalusian** | 7 | 35.897 | 36.977 | 1.080 | 16 |
| **Arabian** | 35 | 35.408 | 38.158 | 2.750 | 51 |
| **Belgian** | 48 | 35.408 | 36.977 | 1.569 | 23 |
| **Franches-Montagnes** | 19 | 35.408 | 36.977 | 1.569 | 23 |
| **French Trotter** | 19 | 34.001 | 38.158 | 4.157 | 88 |
| **Hanoverian** | 23 | 35.408 | 37.726 | 2.318 | 38 |
| **Icelandic** | 19 | 35.481 | 36.977 | 1.496 | 20 |
| **Mongolian** | 26 | 35.408 | 36.616 | 1.208 | 17 |
| **Norwegian Fjord** | 10 | 34.600 | 36.979 | 2.379 | 46 |
| **Quarter Horse** | 75 | 35.408 | 36.977 | 1.569 | 21 |
| **Saddlebred** | 41 | 35.408 | 37.74 | 2.332 | 39 |
| **Standardbred** | 10 | 34.599 | 38.157 | 3.558 | 75 |
| **Swiss Warmblood** | 27 | 35.408 | 37.8 | 2.392 | 41 |
| **Thoroughbred** | 41 | 35.640 | 38.158 | 2.518 | 48 |
| **Average** | 27.8 |  |  | 2.159 | 37.8 |
|  |  |  |  |  |  |