### S2 Table

Minimum and maximum LD values, average distance (kb), and frequency observed in chromosomes by population, concerning SNPs with $|D'|$ and $r^2$ values higher than 0.75, in the interval 0.25-0.75, and lower than 0.25.

| Pop. value | LD value | $|D'|$ Min. | $|D'|$ Max. | Av. dist. Min. | Av. dist. Max. | Freq. Min. | Freq. Max. | $r^2$ Min. | $r^2$ Max. | Av. dist. Min. | Av. dist. Max. | Freq. Min. | Freq. Max. |
|------------|----------|------------|------------|----------------|----------------|------------|------------|------------|------------|----------------|----------------|------------|------------|
| Bip.       | >0.75    | 0.99       | 1.00       | 221.5          | 227.3          | 0.65       | 0.74       | 0.87       | 0.91       | 79.7           | 126.3          | 0.002      | 0.005      |
|            | 0.25-0.75| 0.45       | 0.47       | 229.4          | 237.1          | 0.10       | 0.17       | 0.46       | 0.50       | 209.5          | 225.4          | 0.017      | 0.048      |
|            | <0.25    | 0.14       | 0.16       | 228.0          | 234.2          | 0.16       | 0.18       | 0.00       | 0.01       | 224.9          | 230.2          | 0.947      | 0.981      |
| Syn.       | >0.75    | 0.98       | 0.99       | 208.5          | 222.7          | 0.61       | 0.65       | 0.95       | 0.96       | 6.5            | 19.4           | 0.008      | 0.015      |
|            | 0.25-0.75| 0.48       | 0.49       | 224.4          | 238.5          | 0.22       | 0.25       | 0.40       | 0.41       | 126.0          | 153.6          | 0.024      | 0.043      |
|            | <0.25    | 0.12       | 0.13       | 238.5          | 249.9          | 0.13       | 0.15       | 0.02       | 0.02       | 222.3          | 235.0          | 0.943      | 0.968      |
| BFe4       | >0.75    | 0.98       | 0.99       | 206.9          | 228.9          | 0.26       | 0.58       | 0.93       | 0.96       | 5.7            | 34.8           | 0.002      | 0.016      |
|            | 0.25-0.75| 0.44       | 0.48       | 219.8          | 239.3          | 0.22       | 0.25       | 0.41       | 0.48       | 19.2           | 150.1          | 0.002      | 0.043      |
|            | <0.25    | 0.10       | 0.12       | 230.2          | 257.4          | 0.18       | 0.52       | 0.01       | 0.02       | 223.7          | 237.1          | 0.941      | 0.996      |