Table S3 Differences in homozygosity measures between individuals among 9 sub-population in three chicken breeds.

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| --- | --- | --- | --- |
| Measure | BEC | BYC | NLS |
| groups | P-value | groups | P-value | groups | P-value |
| NSEG | 07\_10\_15 | 0.0001 | 07\_10\_15 | 0.0001 | 10\_12\_15 | 0.0001 |
|  | 07\_10 | 0.636 | 07\_10 | 0.0001 | 10\_12 | 0.168 |
|  | 10\_15 | 0.0001 | 10\_15 | 0.0001 | 12\_15 | 0.0001 |
|  | 15\_07 | 0.0001 | 15\_07 | 0.0001 | 15\_10 | 0.006 |
| KB | 07\_10\_15 | 0.0001 | 07\_10\_15 | 0.0001 | 10\_12\_15 | 0.001 |
|  | 07\_10 | 0.556 | 07\_10 | 0.0001 | 10\_12 | 0.323 |
|  | 10\_15 | 0.0001 | 10\_15 | 0.0001 | 12\_15 | 0.0001 |
|  | 15\_07 | 0.0001 | 15\_07 | 0.0001 | 15\_10 | 0.007 |
| KBAVER | 07\_10\_15 | 0.514 | 07\_10\_15 | 0.01 | 10\_12\_15 | 0.067 |
|  | 07\_10 | 0.628 | 07\_10 | 0.098 | 10\_12 | 0.091 |
|  | 10\_15 | 0.252 | 10\_15 | 0.003 | 12\_15 | 0.026 |
|  | 15\_07 | 0.506 | 15\_07 | 0.156 | 15\_10 | 0.577 |