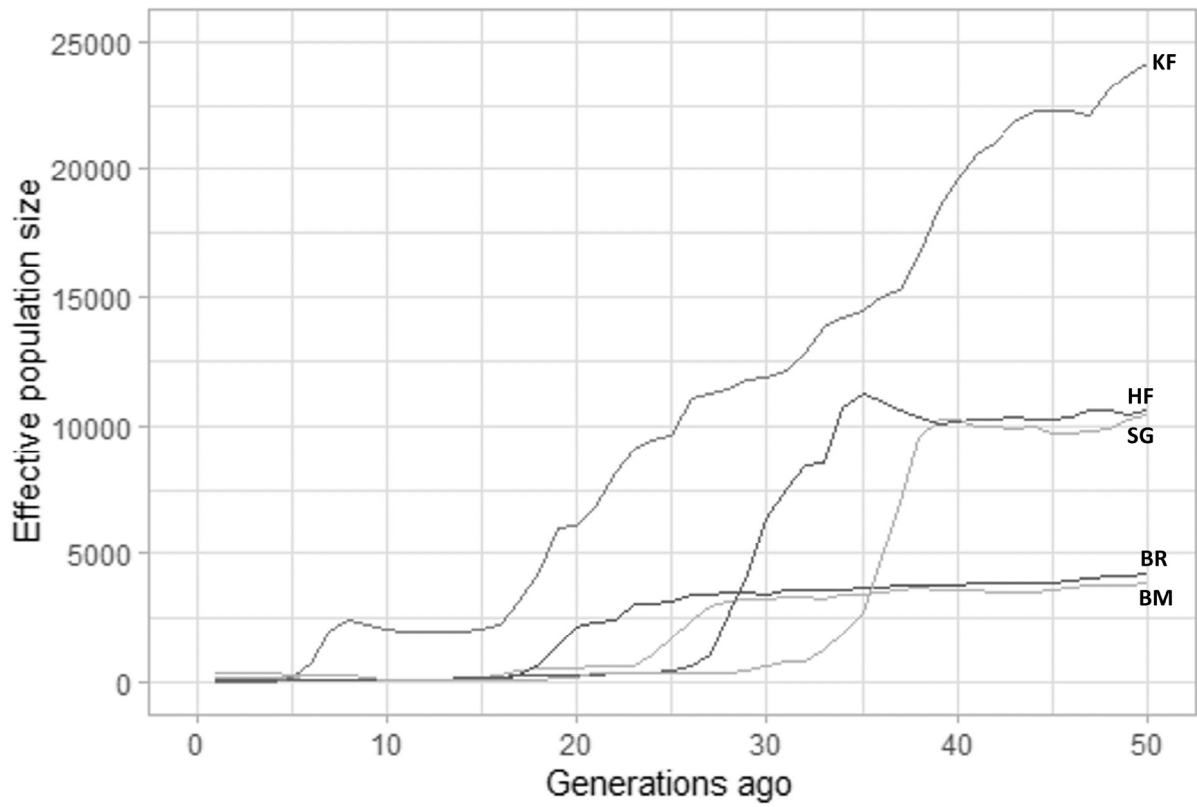


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**Supplementary Figure S1.** Non-linear trend of effective population size estimates by GONE for previous 50 generations. The plot illustrates the effective population size obtained by GONE software for Karan Fries (KF) Brangus (BR), Beefmaster (BM), Santa Gertrudis (SG) and Holstein Friesian (HF).