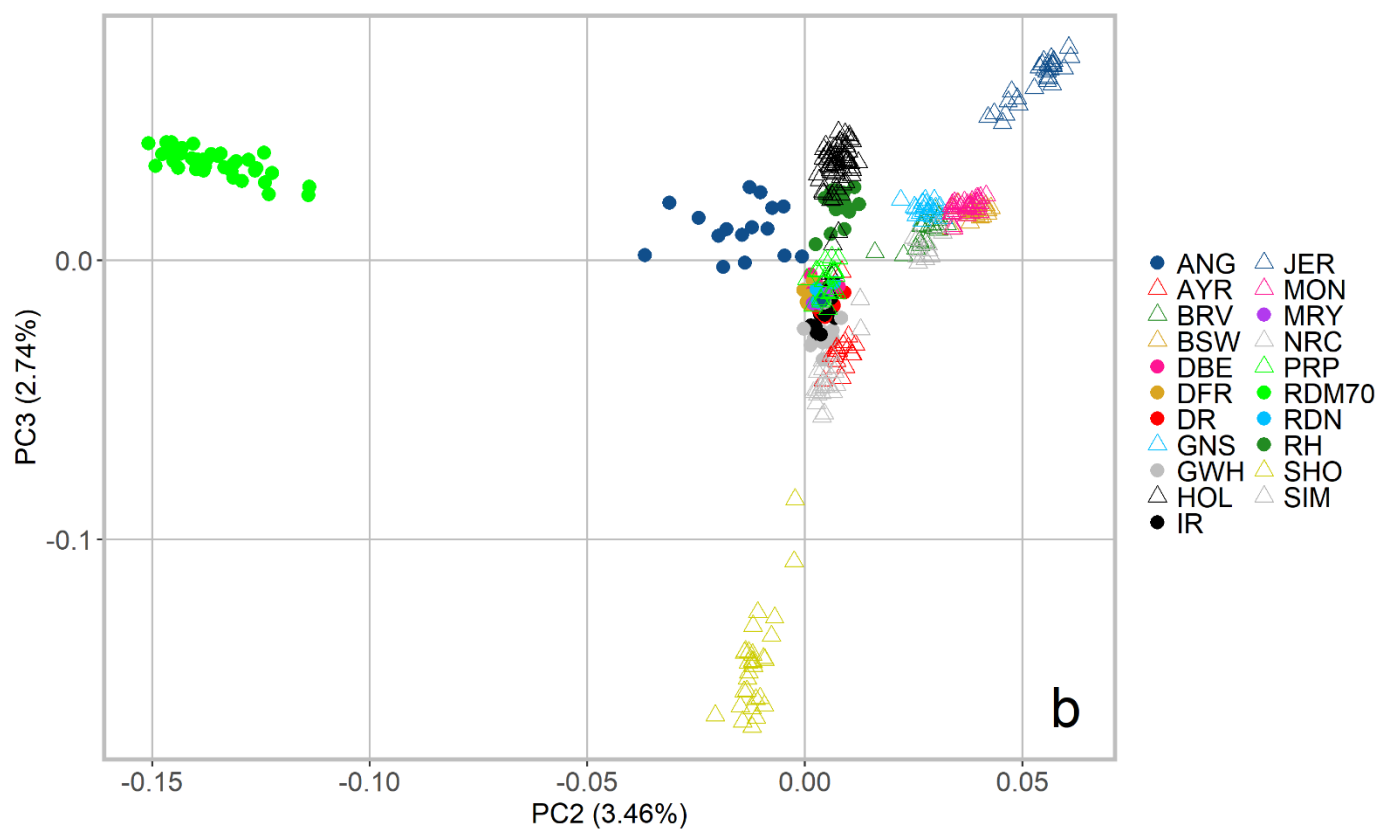
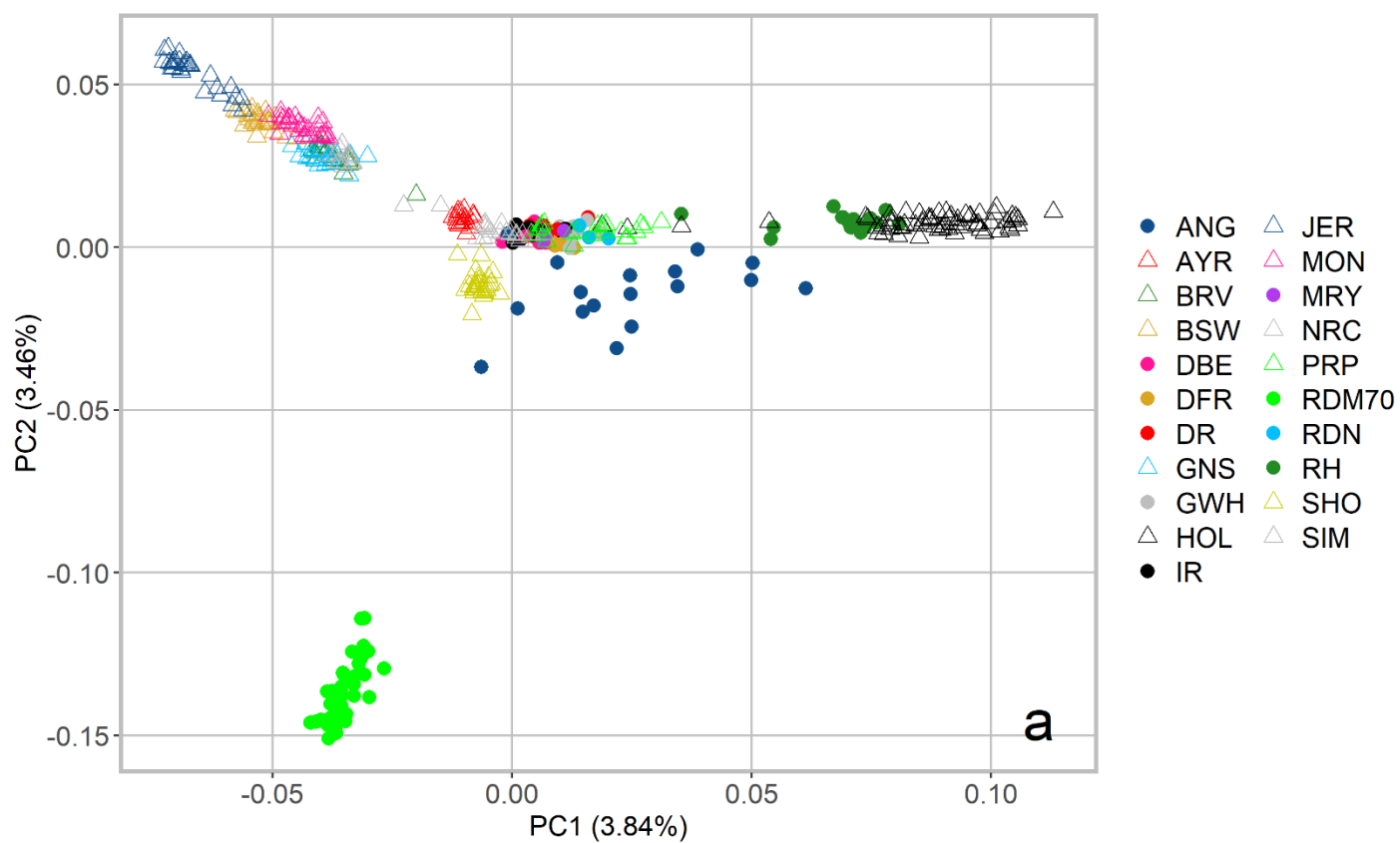




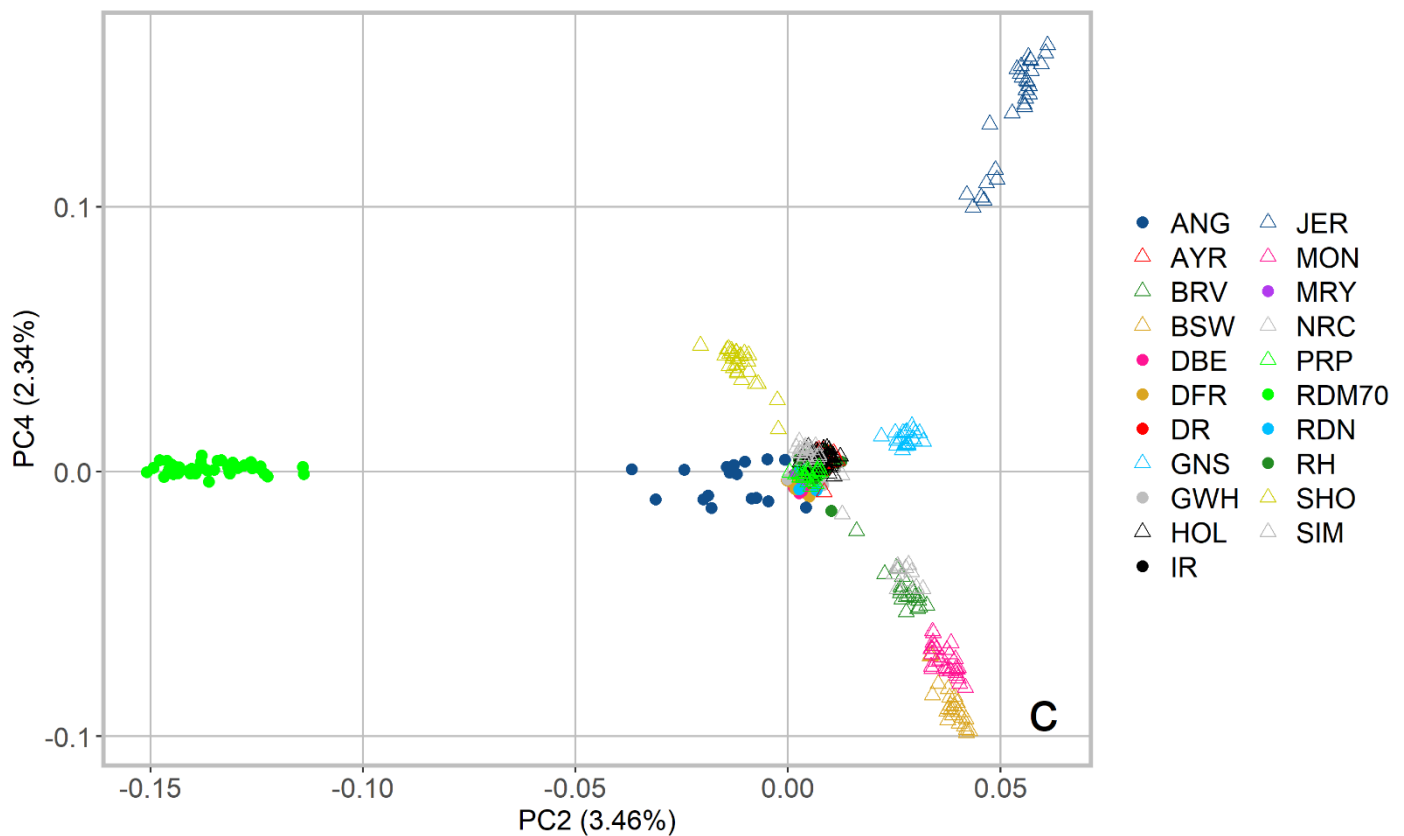


Figure S2 Genetic relatedness among the red cattle breeds from Germany, the Netherlands and Denmark (circles) and further European cattle breeds from the WIDDE database (triangles) using principle component analyses (a: PC1 vs. PC2; b: PC2 vs. PC3; c: PC2 vs. PC4). ANG: German Angler, AYR: Finnish Ayrshire, BRV: Braunvieh, BSW: Brown Swiss, DBE: Dutch Belted, DFR: Dutch Friesian Red, DR: Deep Red, GNS: Guernsey, GWH: Groningen White-Headed, HOL: Holstein Friesian, IR: Improved Red, JER: Jersey, MON: Montbeliarde, MRY: Meuse-Rhine-Yssel, NRC: Norwegian Red Cattle, PRP: French Red Pied Lowland, RDM70: Traditional Danish Red, RDN: Red and White Dual-Purpose, RH: Red Holstein, SHO: Shorthorn, SIM: Simmental.