



Relative expression of genes for antioxidant protection and immunity in the cecum of the intestine (A) and in the liver (B) of cockerels (*Gallus gallus domesticus*) of different genotypes: 1 — Russian White breed (RW), 2 — a cross between the Russian White and Cornish breeds (CORN × RW), 3 — broilers of the Ross 308 cross; *CAT* — catalase, *GSH-Gpx* — glutathione peroxidase, *HO-1* — heme oxygenase 1, *SOD* — superoxide dismutase, *Nrf2* — related transcription factor 2, *AvBD9* — avian beta-defensin 9, *IL6* — interleukin 6, *IL8* — interleukin 8 (physiological yard of the Ernst Federal Research Center for Animal Husbandry — VIZh, 2022).