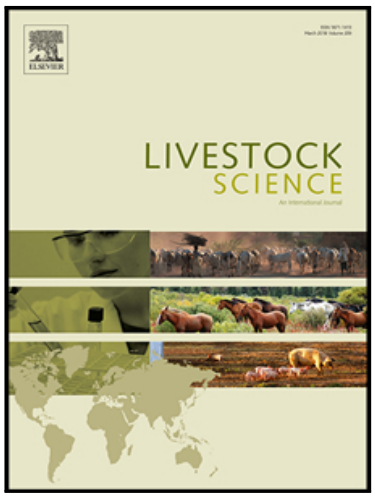

Bayesian analysis of genetic parameters for early growth traits and humoral immune responses in Japanese quail

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Highlights

- Humoral immune responses in Japanese quail are heritable.
- After immunization of the birds with SRBC, genetic correlations between immunoglobulin M (IgM) and early growth traits are positive, but for AbT and IgY are negative.
- Genetic correlations for AbNDV with BW traits are negative, but with BWG traits are positive.
- Genetic selection for IgM responses could improve growth traits.