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Title: Analysis of stress factors associated with KHV reactivation and pathological effects from KHV reactivation

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Research Highlights

- This is the first investigation on the effect of changes in dissolved O₂ on KHV reactivation.
- Frequent bleeding and sampling are stressful to koi and can trigger KHV reactivation from latency.
- KHV reactivation from latency is associated with elevated cortisol level.
- KHV genome increases within the latently infected cells during reactivation.
- Histopathologic changes occur within the internal organs during KHV reactivation.
- Lymphocytic encephalitis and/or encephalitis occurs during KHV reactivation from latency

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