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# Genetic variation and phylogenetic analyses reveal transmission clues of *Lentinula edodes partitivirus 1* (LePV1) from the Chinese *L. edodes* core collection

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## Highlights

- *Lentinula edodes partitivirus 1* (LePV1) from genetically-diverse/ geographically far away *L. edodes* strains are highly conserved
- LePV1 isolates were grouped into two distinct groups without geographical bias
- *RdRp* gene undergoes a stronger negative selection pressure than *CP* gene

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