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Evolutionary dynamics of avian influenza A H7N9 virus across five waves in mainland China, 2013-2017

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Highlights

- The evolving H7N9 viruses in the 5th wave lost most of their previous clades.
- the origin of HP H7N9 viruses was in the Pearl River Delta.
- HP and LP H7N9 viruses prefer different internal backbones.
- HP and LP H7N9 viruses had independent evolution in the 5th wave.

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