

Table S1. Primers used to amplify the capsid protein sequence of FAdV strains

| PCR product | Sequences of primers | Products size | Reference |
|-------------|--|--------------------|-----------|
| FAdV-JD | FAdV-JD-F: CAAGTTCAGACAGACGGT FAdV-JD-R: AGTGATGACGGGACATCAT | 889 bp | |
| Hexon | Hexon-F1: CGTCTAGGTTCGCACCGCCATGGC Hexon-R1: CATCTGGTCGATGGACCAACGCGCACC Hexon-F2: CATCGACCAGATGGACAACGTCAACCCCTTCAAC Hexon-R2: TTACACGGCGTTGCCTGTGGCG | 1501 bp 1345 bp | [1] |
| Fiber | C-Fib1-F: AGATCTATGTCGGCCCTAATC C-Fib1-R: AAGCTTTTAGGGGCTCGGAGC C-Fib2-F: AGATCGATGCTCCGAGCCCCTAA C-Fib2-R: CGGCCGTTACGGGAGGGAGCCC | 1287 bp 1426 bp | [2] |
| Penton | C-Penton-F: GGATCCATGTGGGGGTTGCAGCCGCCGACGT C-Penton-R: CTCGAGCTACTGCAAGGTCGCGGAACCTCAGA | 1577 bp | |

1. Chen, L.; Yin, L.; Zhou, Q.; Peng, P.; Du, Y.; Liu, L.; Zhang, Y.; Xue, C.; Cao, Y. Epidemiological investigation of fowl adenovirus infections in poultry in China during 2015-2018. *BMC veterinary research* **2019**, *15*, 271, doi:10.1186/s12917-019-1969-7.
2. Marek, A.; Nolte, V.; Schachner, A.; Berger, E.; Schlötterer, C.; Hess, M. Two fiber genes of nearly equal lengths are a common and distinctive feature of Fowl adenovirus C members. *Veterinary microbiology* **2012**, *156*, 411-417, doi:10.1016/j.vetmic.2011.11.003.