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Propagation and attenuation of FAdV isolate in CEL cells

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MATERIALS

NAME	CATALOG #	VENDOR
Fetal Bovine Serum	10270106	Gibco - Thermo Fischer

MATERIALS TEXT

A confluent monolayer was washed twice with serum free medium and inoculated with 0.1mL of homogenate liver embryos and labeled as first passage (CEL1). Infected flasks were incubated at 37°C for 60 minutes for virus adsorption and added with maintenance medium containing 2% fetal bovine serum (FBS) under 37°C incubator. The cells were observed daily under inverted microscope for cytopathic effect (CPE) for 3 days post-inoculation (pi). Flasks with prominent CPE were harvested by 3 times repeated frozen and thawed prior centrifugation at 216 x *g* for 10 minutes. Virus supernatant was collected and stored at -20°C prior inoculation for subsequence passages. Fresh confluent monolayer was prepared for each passage and inoculated with 0.1mL of viral supernatant and continued until 35th consecutive passage. For non-infected flasks, monolayer remained uninoculated and was used as control cells.