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2nd International Conference on

Influenza

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$SSOLFDWLRQ RI QRQ SDWKRJHQLF 3% JHQH RI ORZ SDWKR
SDWKRJHQLF DYLDQ LQÀXHQ]D WR JHQHUDWH QRYHO YDFFLQ

Jin-Wook Jang[1]   ,O +ZDQ +\XPN -RR 'Q .Z-RDOH +RQJ .LP

Avian influenza (AI) vaccines for poultry are based on hemagglutinin (HA) proteins and protection is specific to the vaccine subtype. Since 2004, AI vaccine strains have been developed using reverse genetic systems. Recent pair-wise comparison with internal genes of A/chicken/Korea/01310/2011 (H9N2; 01310) and A/chicken/Korea/KBNP-0028/2000 (H9N2; 0028) revealed that recombinant PR8 viruses possessing the PB2 of 01310 or NS of 0028 decreased pathogenicity in mice, protected against PR8 challenge and increased replication efficiency in embryonated chicken eggs (ECEs). And the LPAI H5N1 recombinant virus containing PB2 of

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