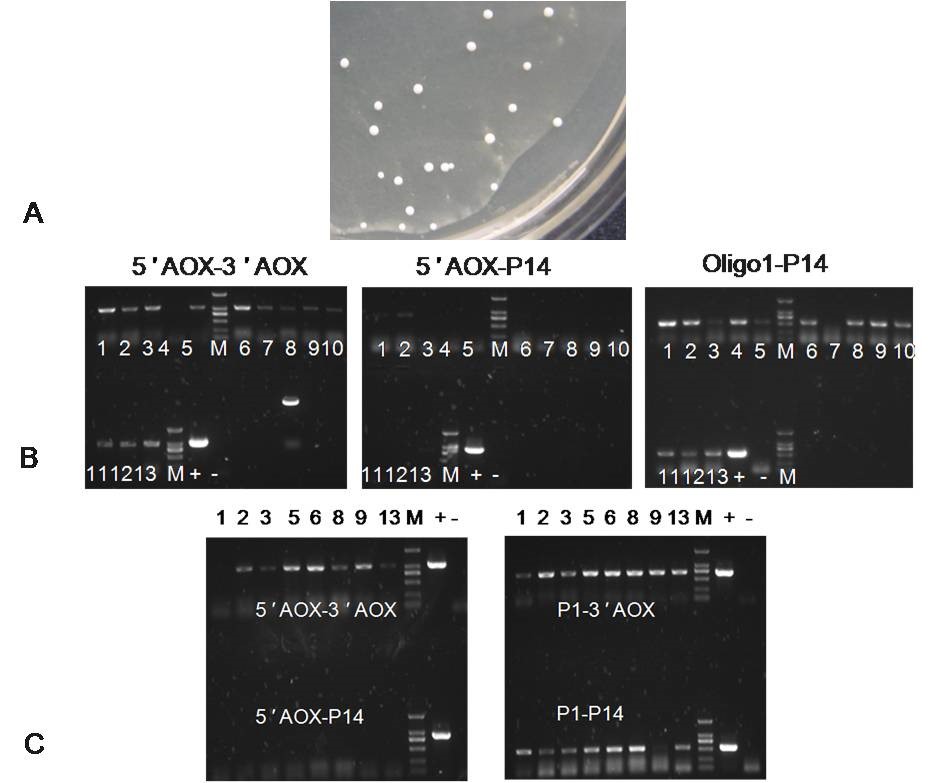
**Supplement Figure legends**



**Figure. S1.** The selection and identification of recombinant GS115-pPICZαA-boIFN-λ3

(A). The colony of the GS115-pPICZαA-boIFN-λ3. (B). PCR product amplified from the first generation of GS115-pPICZαA-boIFN-λ3 1to13; + Positive control; - Negative control. (C). PCR identified from the second generation of GS115-pPICZαA-boIFN-λ3 1, 2, 3, 5, 6, 8, 9 and 13; + Positive control; - Negative control.



**Figure. S2**. The predicted N-linked and O-linked glycosylation sequence of boIFN-λ3



**Figure. S3.** Inhibation of VSV in MDBK cell by recombinant boIFN-λ3