

Additional File 8: Nectin3 genes from *A. sinensis* and nectin3-like sequences encoded by copies of CrocERV31.

This file contains:

- Scaffold number, exon-intron locations, cDNA sequence, and amino acid sequence of the nectin3 gene from *A. sinensis*.
- Reconstructed cDNA and amino acid sequences of the nectin3-like retrocopies from CrocERV31 insertions.

***A. sinensis* nectin3 gene**

Scaffold359

Exon-intron structure:

Exon1	957523	957185
Exon2	950794	950498
Exon3	947952	947835
Exon4	944216	944065
Exon5	927690	927101

>Alligator_sinensis_cDNA

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Nucleotide sequences of nectin3 retrocopies from CrocERV31

All sequences were derived from *A. mississippiensis* ERV insertions, as this family appears to be species specific. Where the surrounding ERV insertions are relatively conserved, the name of the associated ERV sequence has also been provided.

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Protein sequences of nectin3 retrocopies from CrocERV31

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