

New Topics in Protein Modeling

Candidate proteins for structure determination

- The homolog of NF- κ B transcription factor Relish (BdRelish) cloned from *Bactrocera dorsalis* Hendel
<https://www.ncbi.nlm.nih.gov/protein/683418395>
- Essential for the transcription of antimicrobial peptides
<https://www.ncbi.nlm.nih.gov/pubmed/27871341>
- Consists of
Rel homology domain
IPT (Ig-like, plexins, transcription factors) domain
 κ B-like domain (four ankyrin repeats)
- Also contains
nuclear localization signal
DNA binding site
- Viral mimics disable Relish processing
<https://www.ncbi.nlm.nih.gov/pubmed/22654665>
<https://www.ncbi.nlm.nih.gov/pubmed/27522588>

Webinars Aug 4, 7, 11, 14,
18, 21, 25, 28

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