

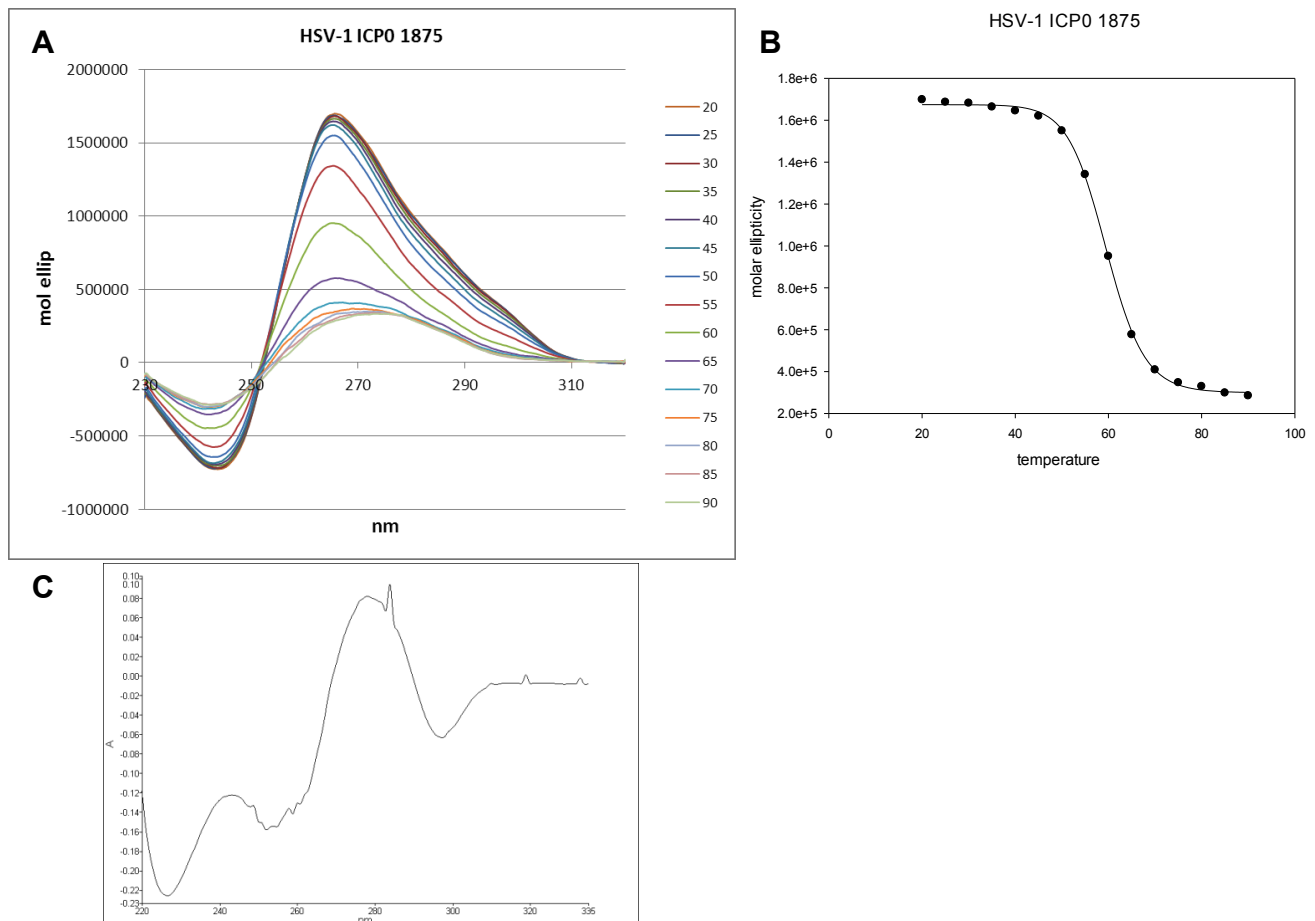
Conserved G-quadruplexes regulate the Immediate Early Promoters of Human *Alphaherpesviruses*

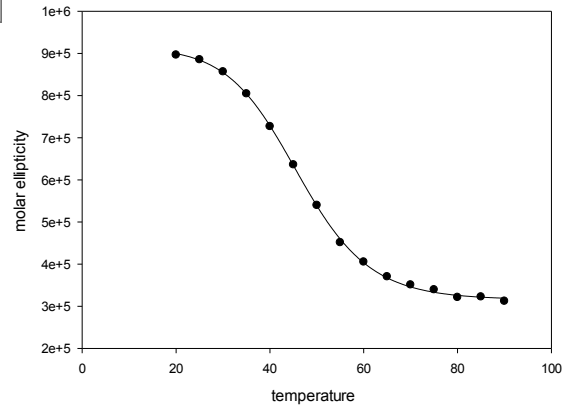
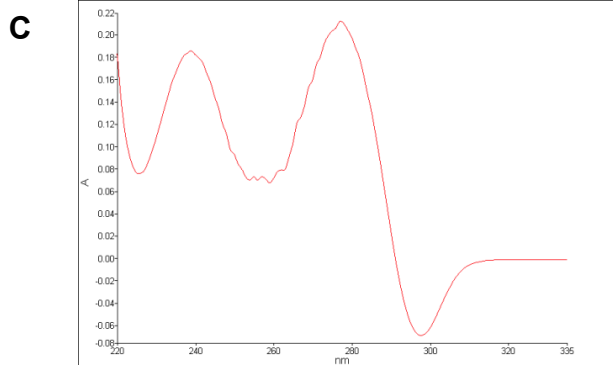
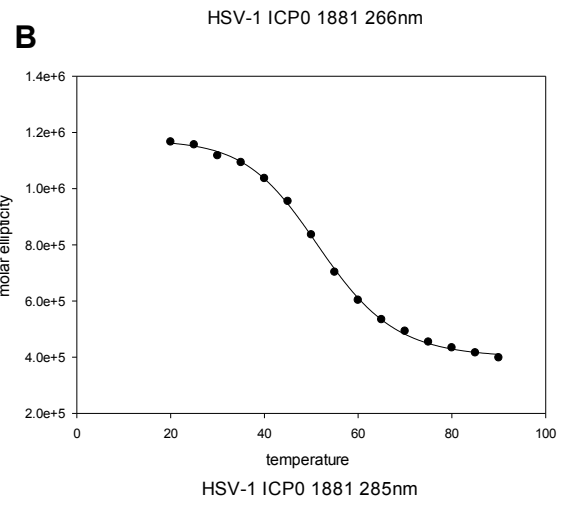
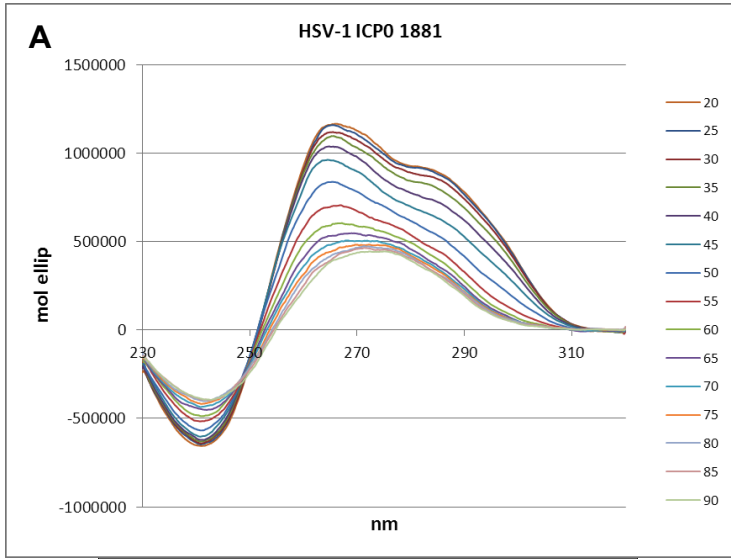
Ilaria Frasson, Matteo Nadai and Sara N. Richter*

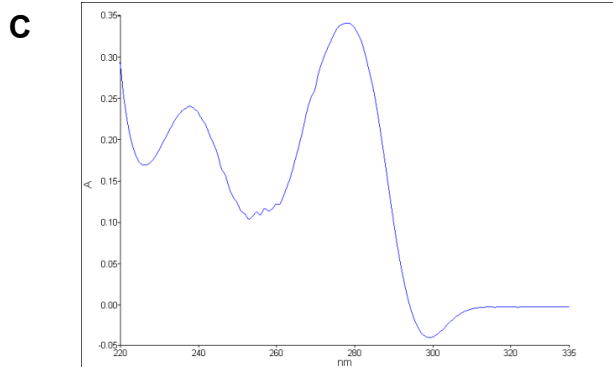
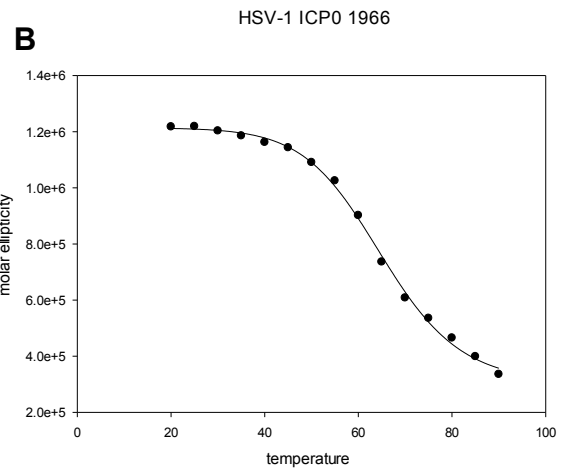
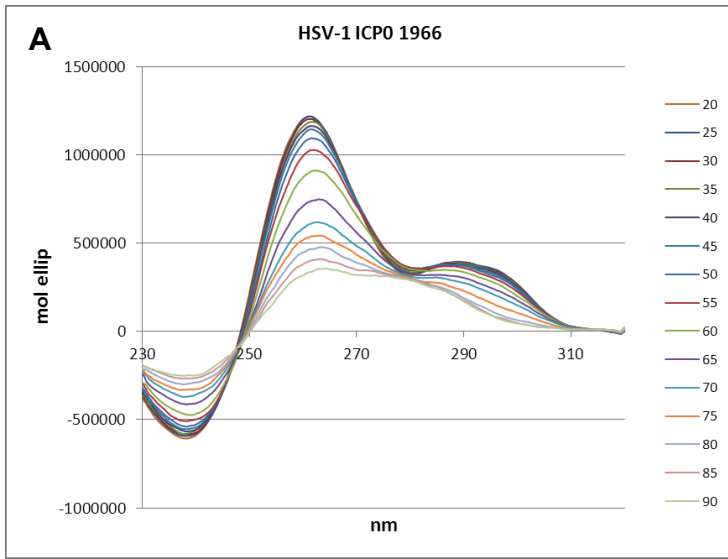
Department of Molecular Medicine, University of Padua, via A. Gabelli 63, 35121 Padua, Italy

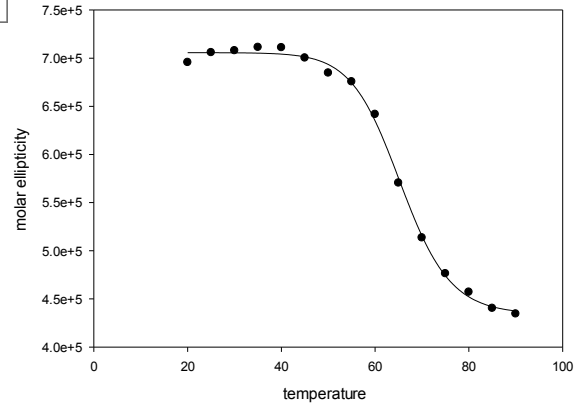
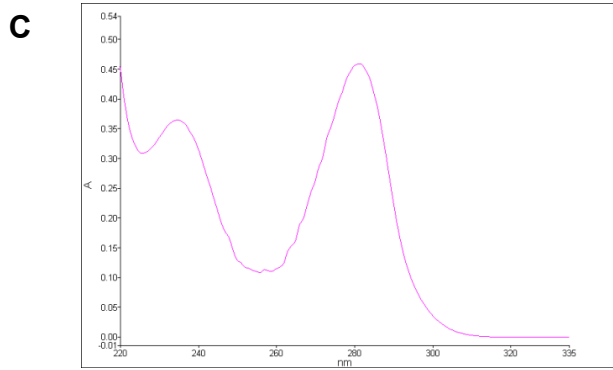
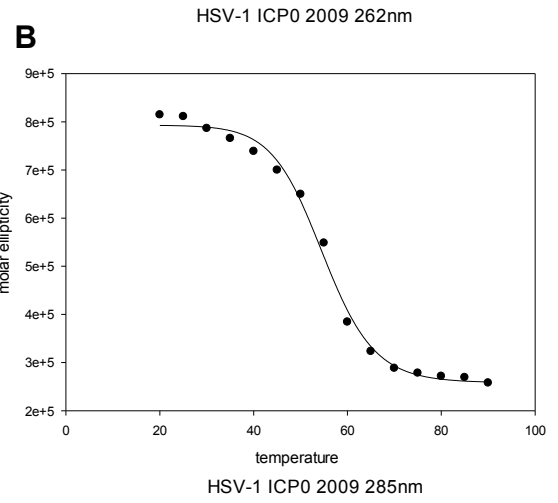
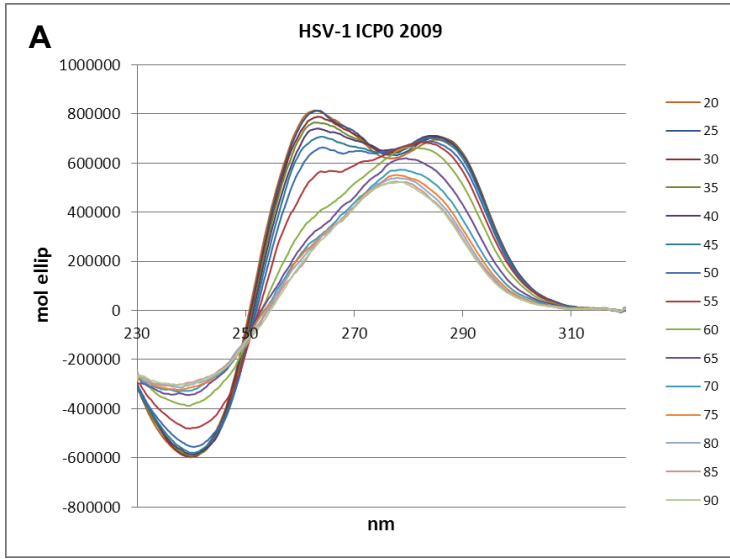
Figure S1

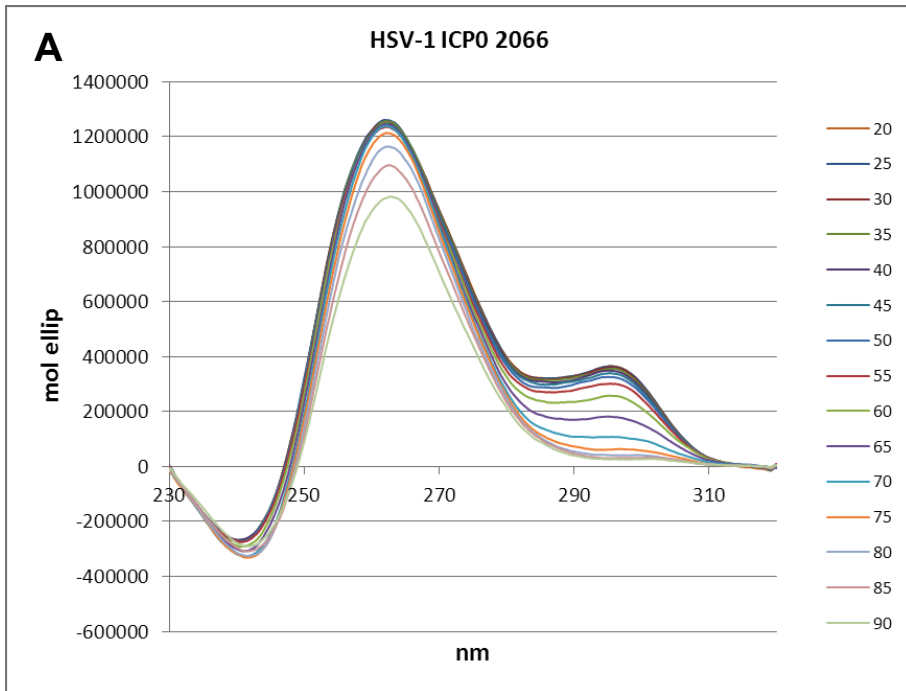
A) CD thermal unfolding spectra, B) CD thermal unfolding fitting, and C) TDS of alphaherpesvirus IE promoter G4 sequences







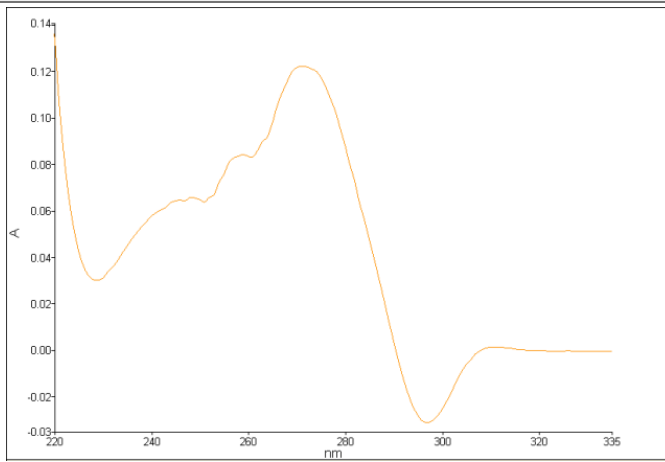


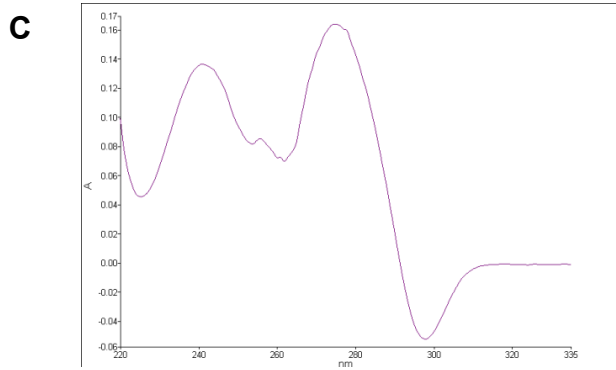
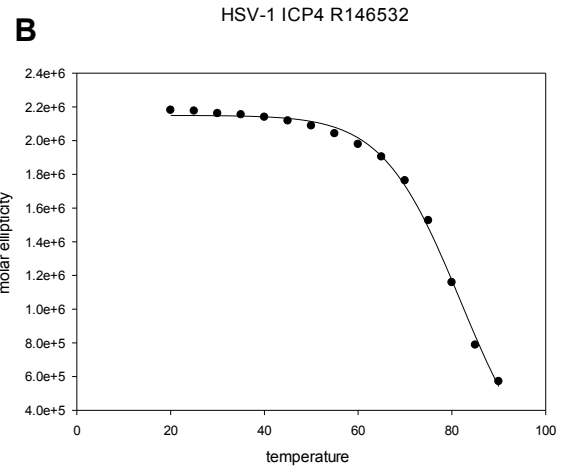
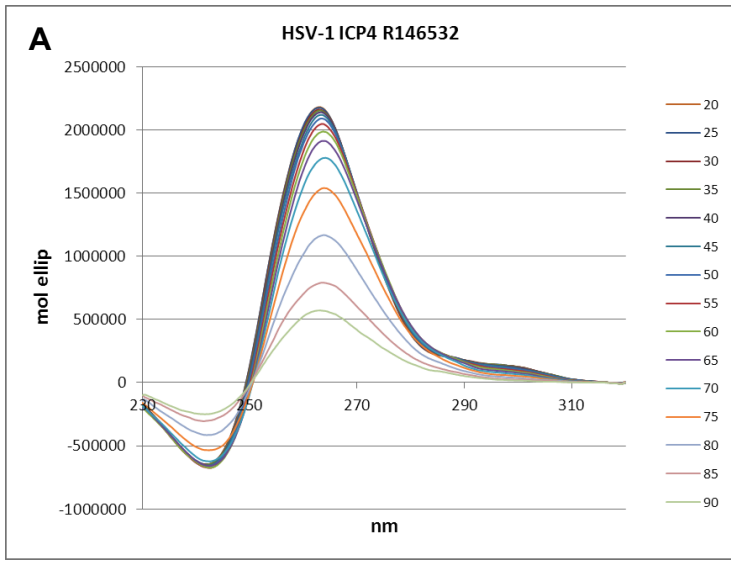


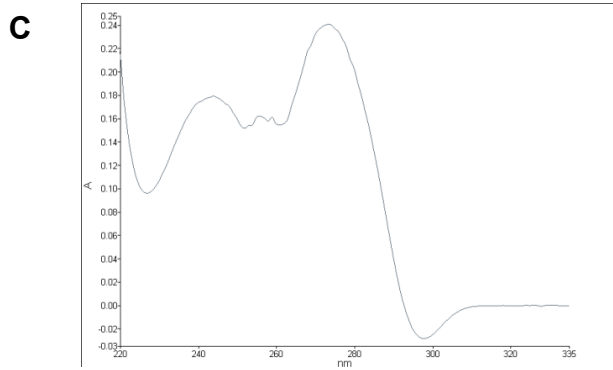
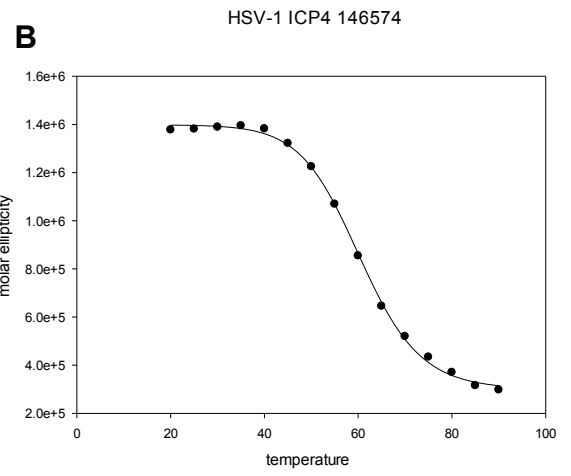
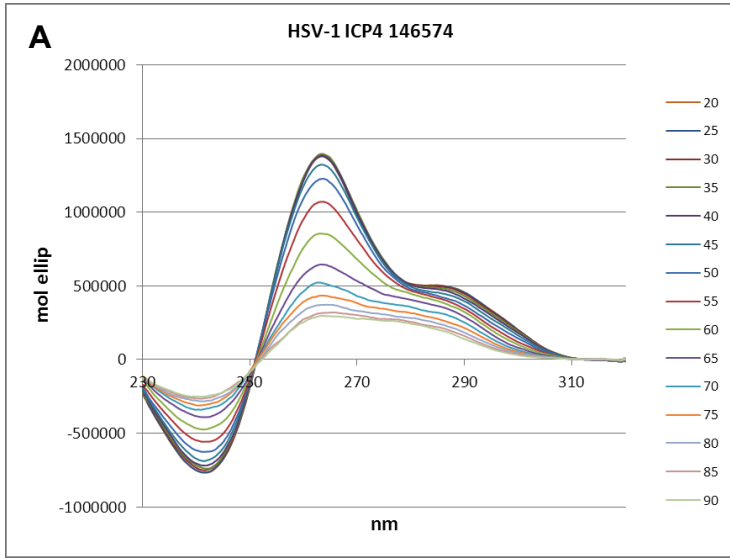
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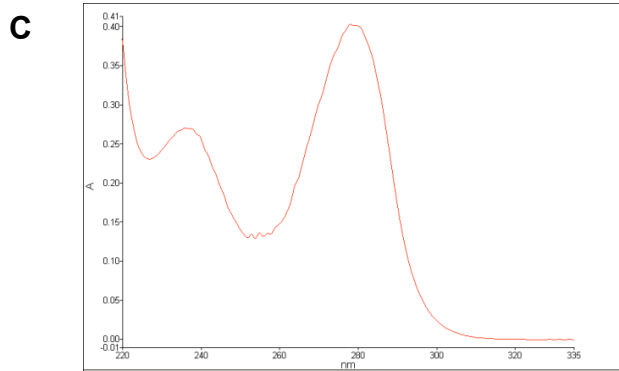
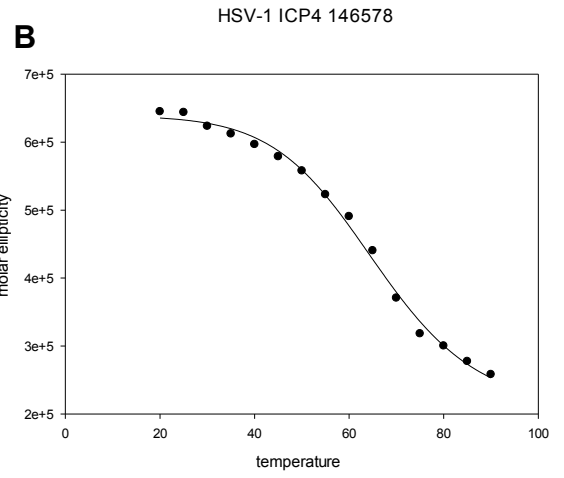
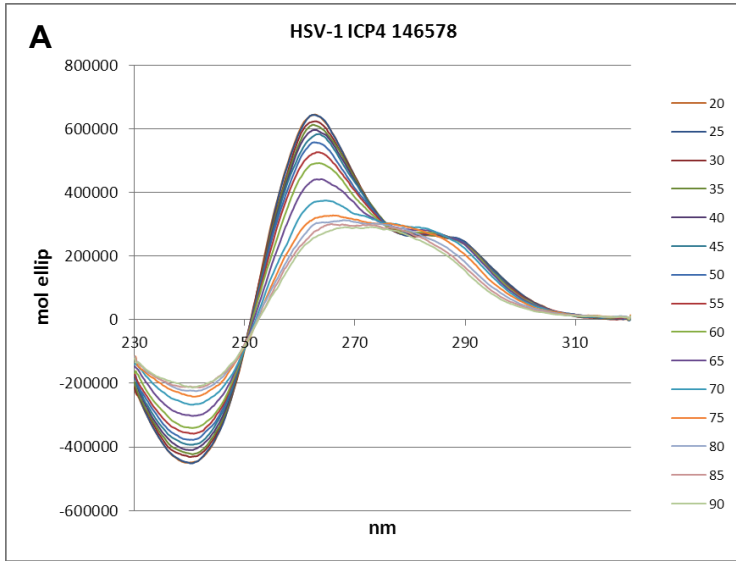
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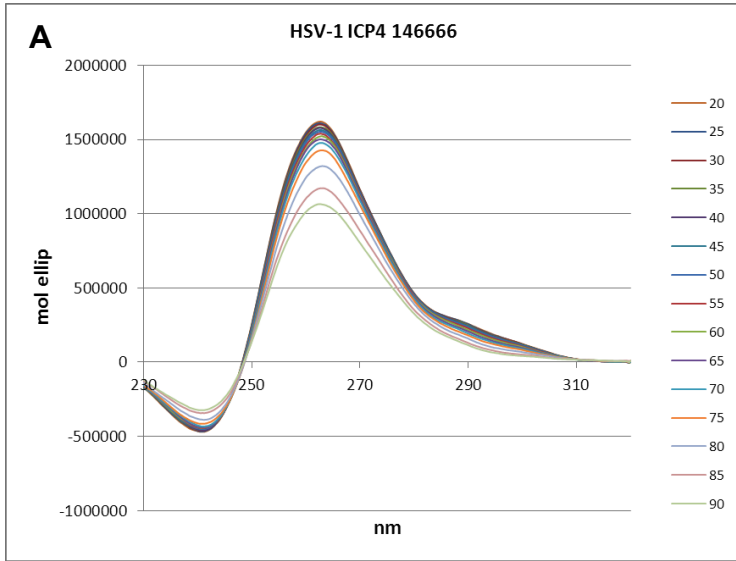
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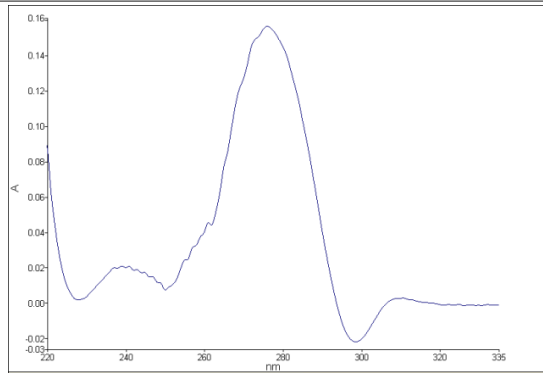


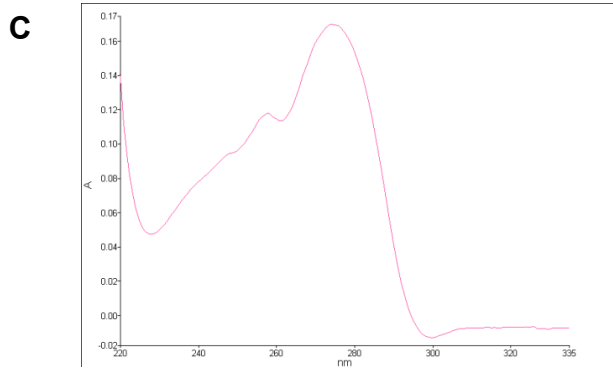
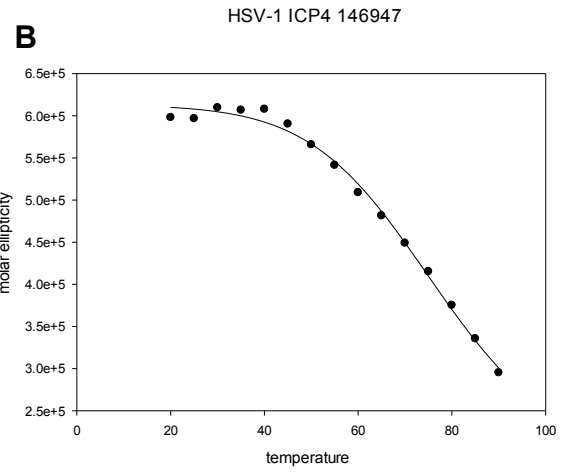
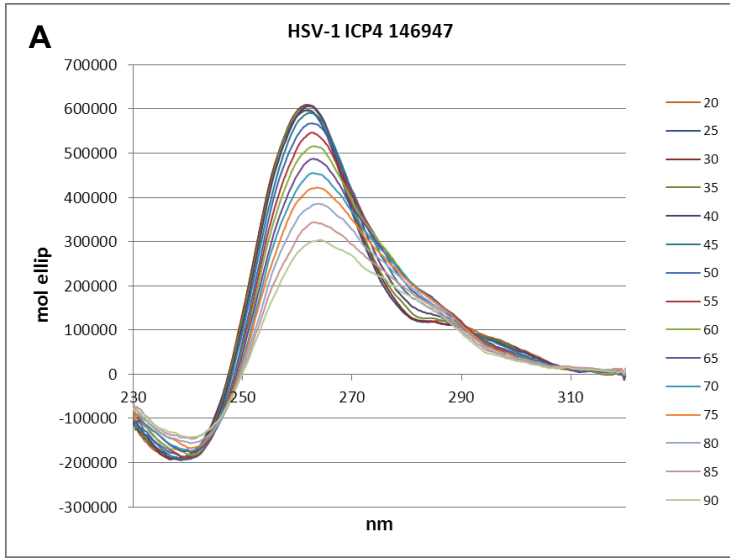


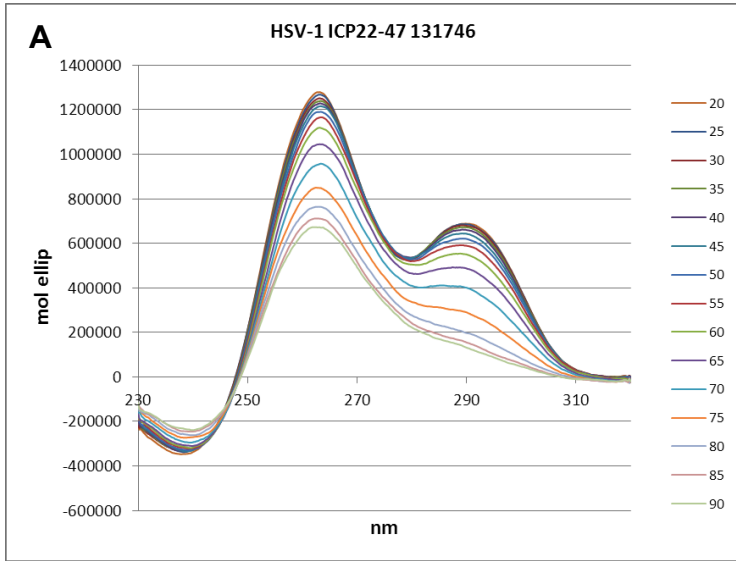
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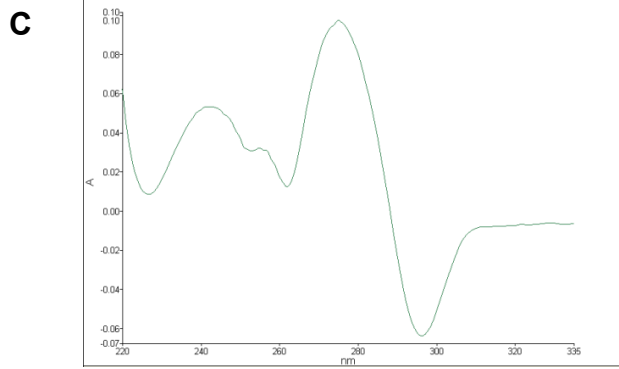
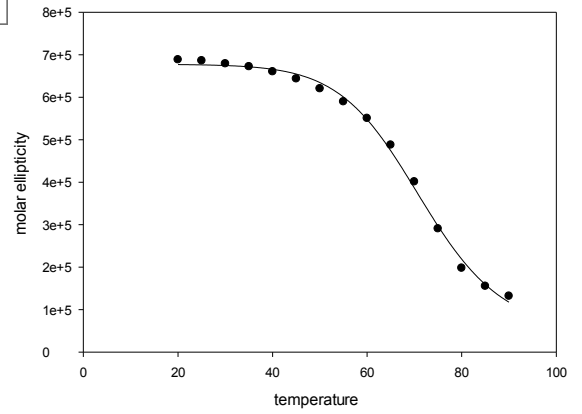


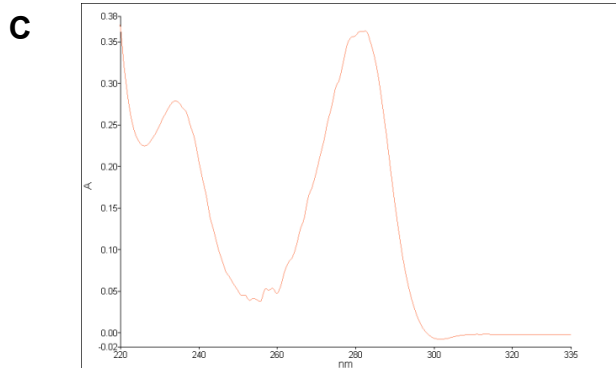
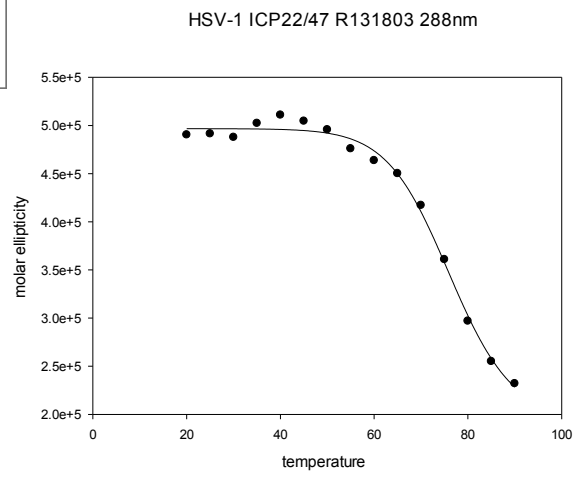
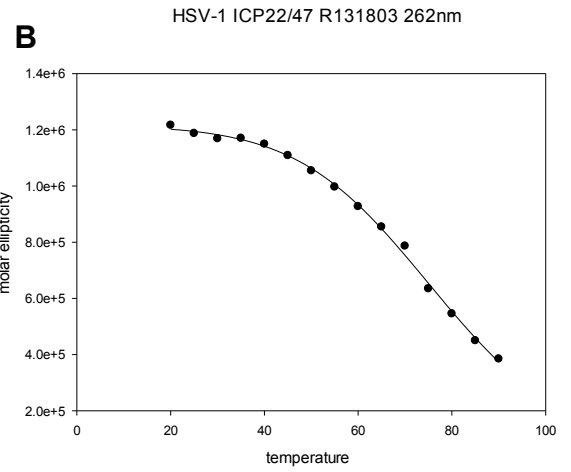
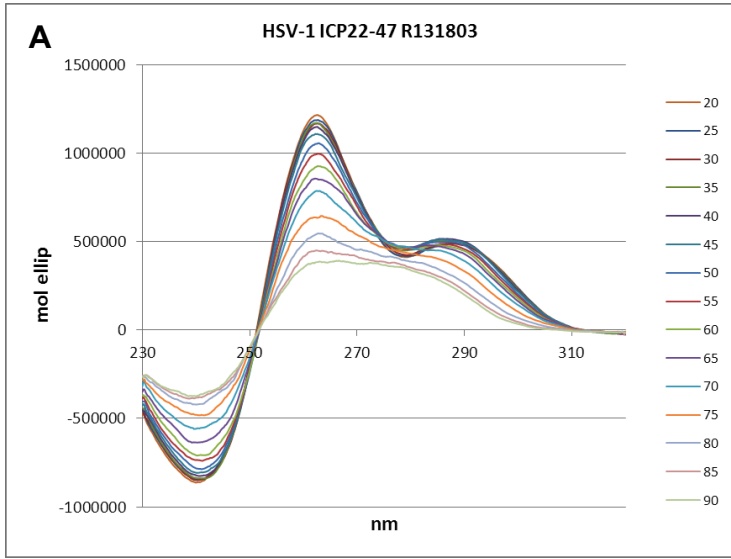


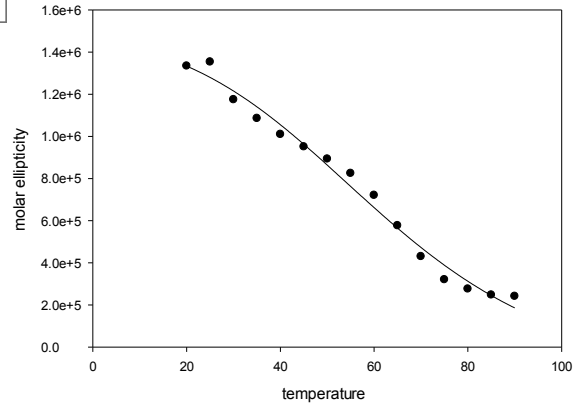
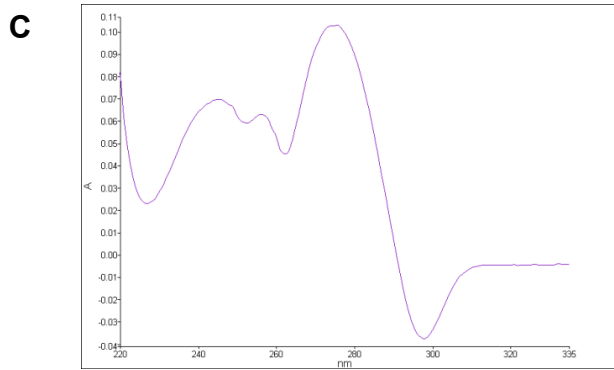
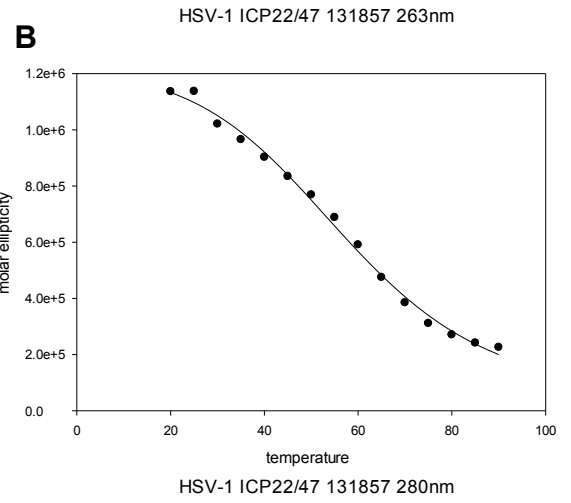
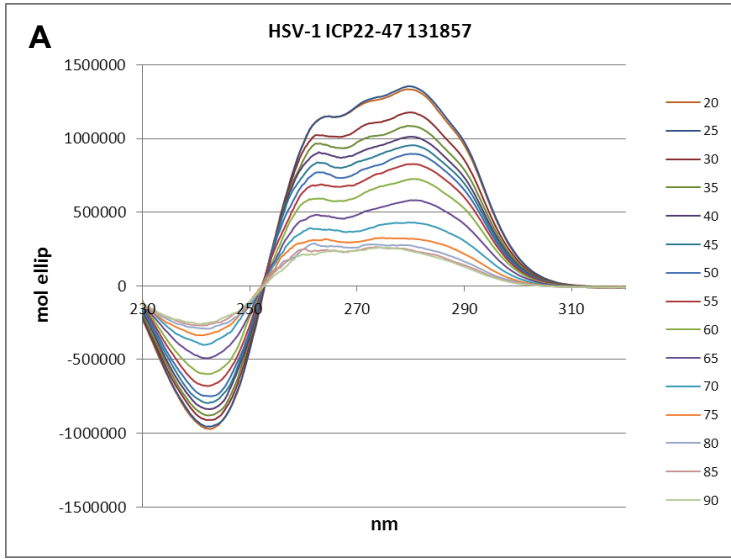
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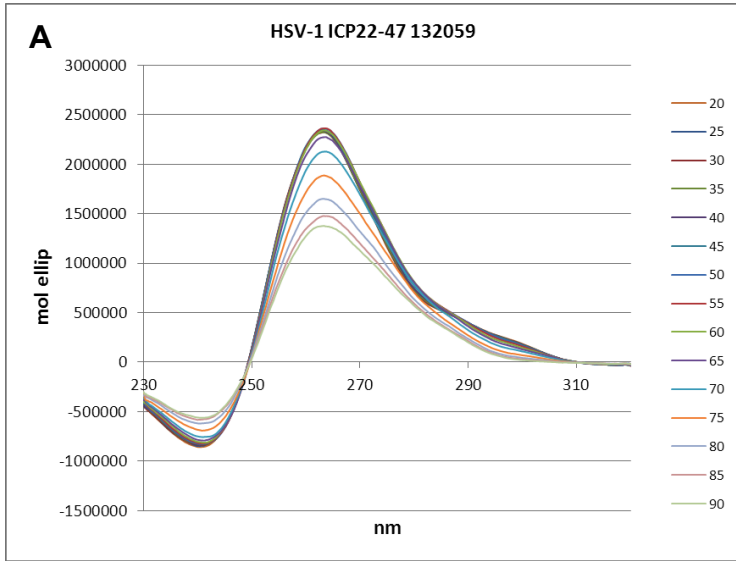
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HSV-1 ICP22/47 131746 290nm





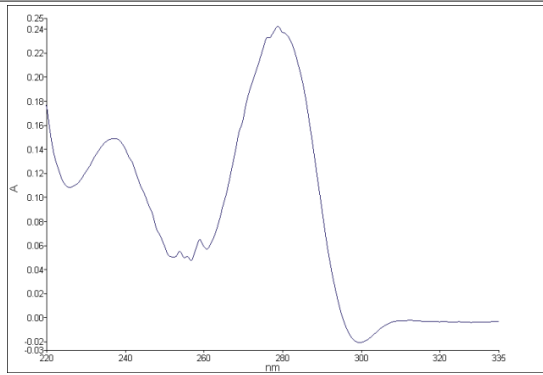


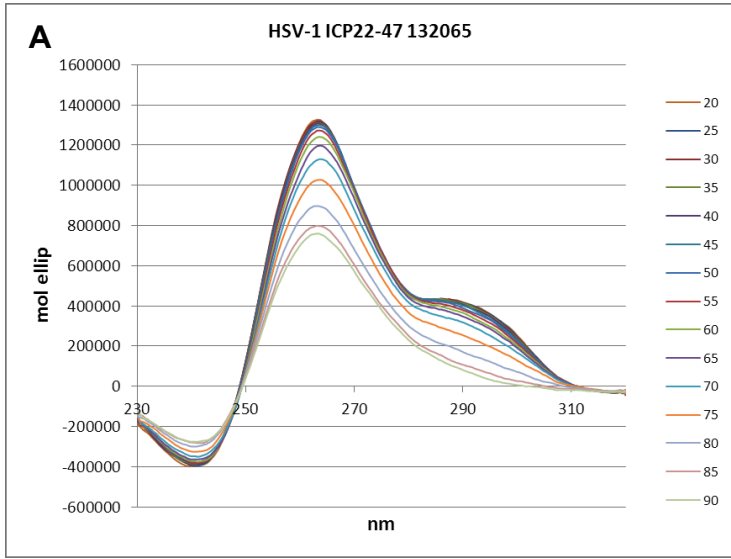


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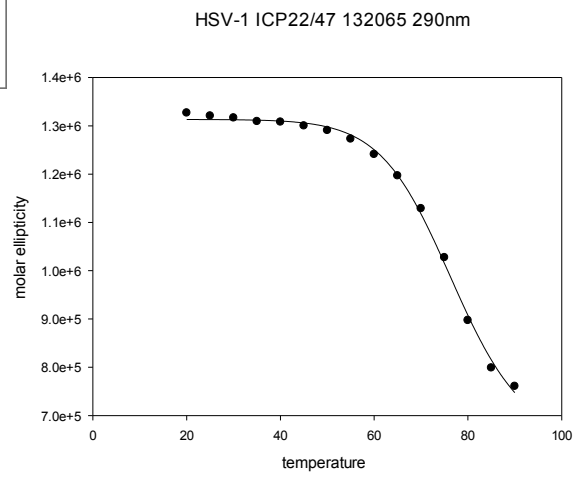
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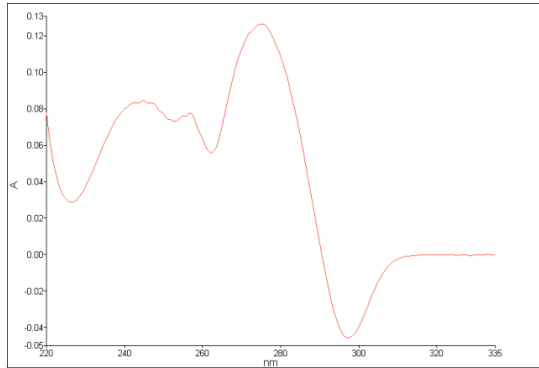


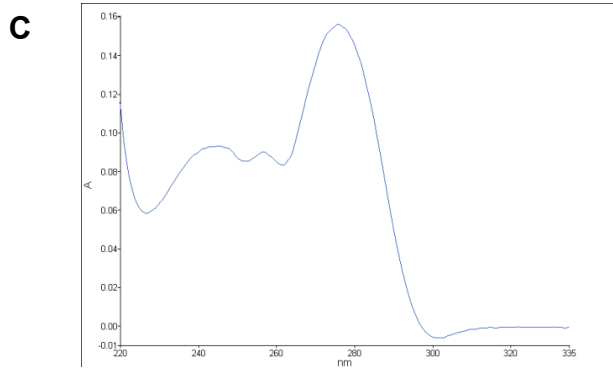
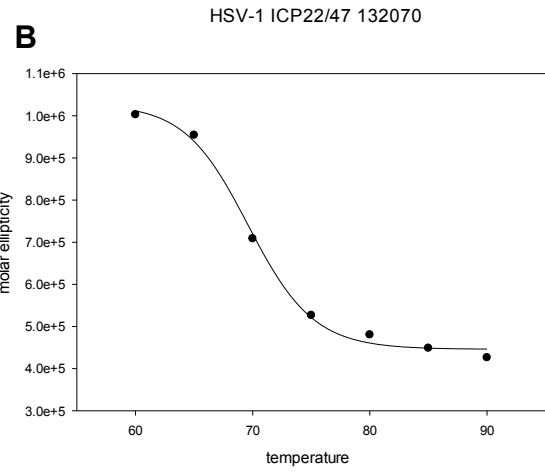
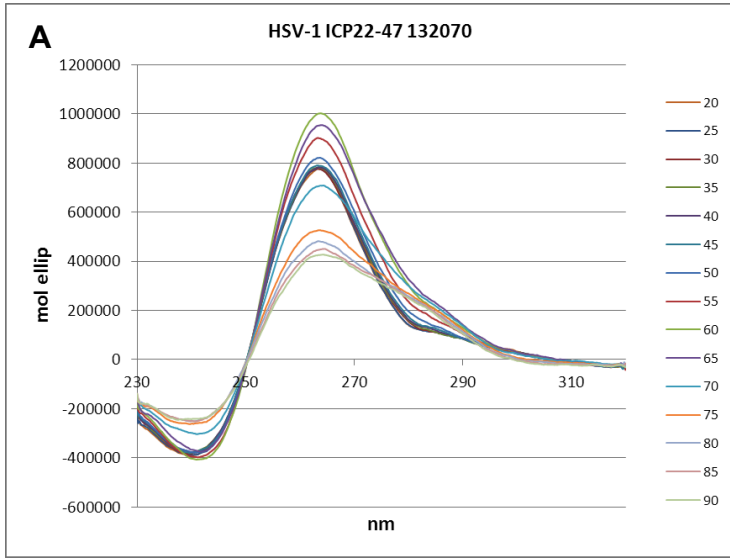


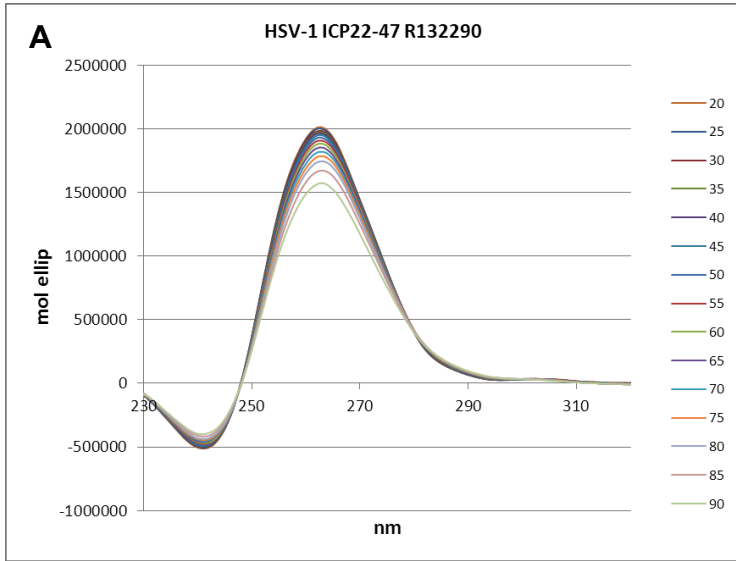
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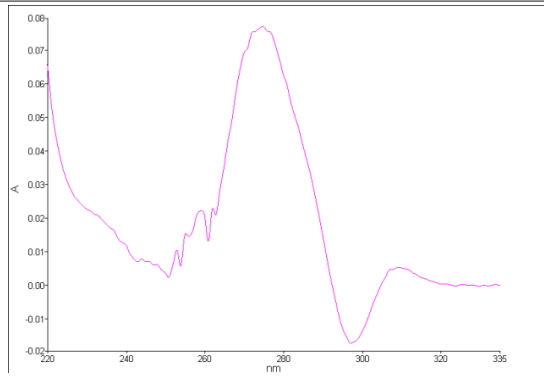


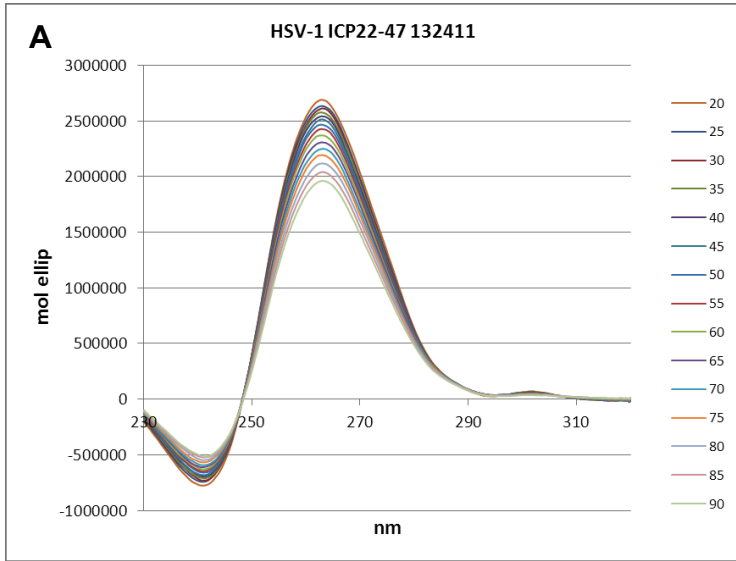


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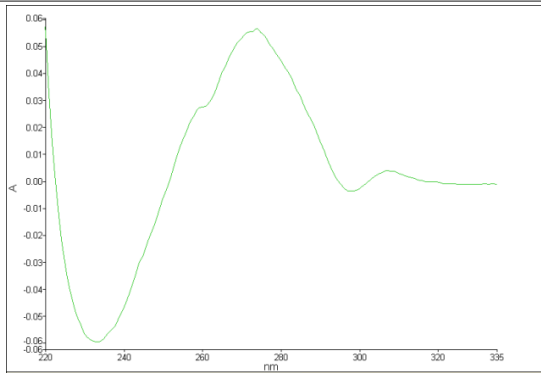


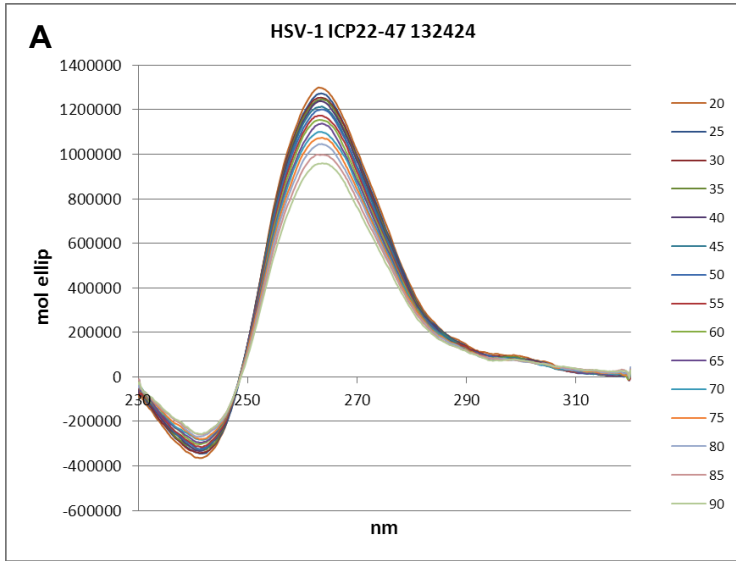


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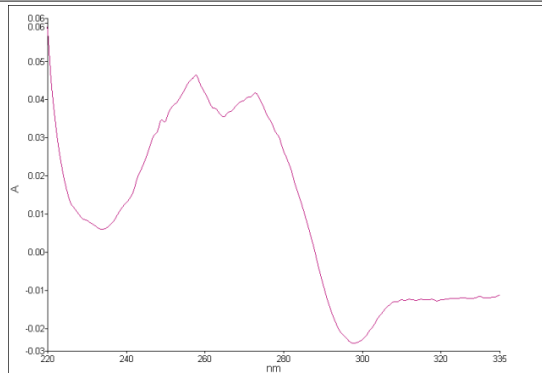


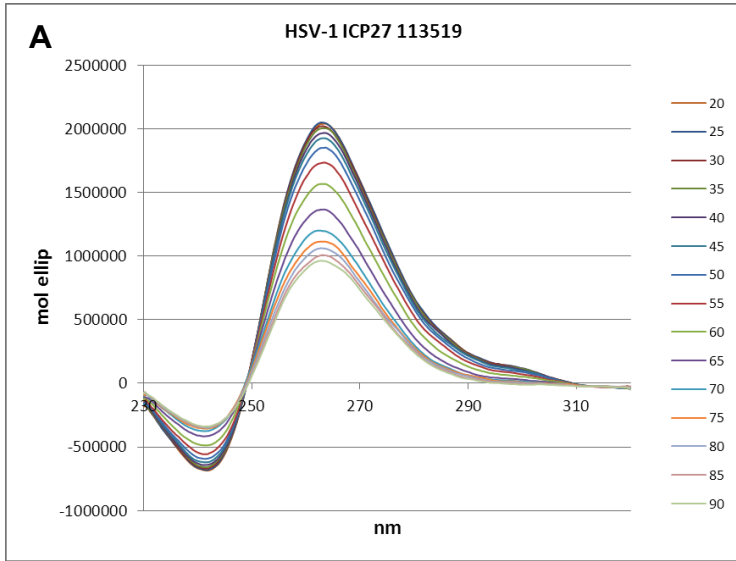


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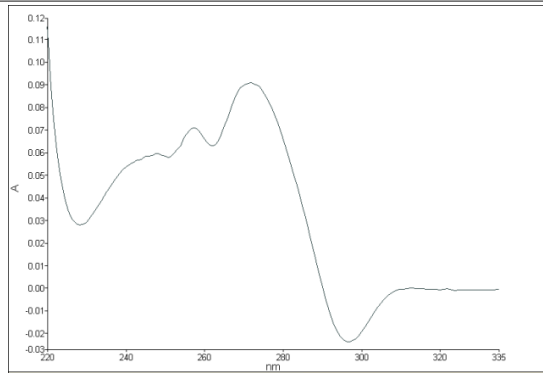


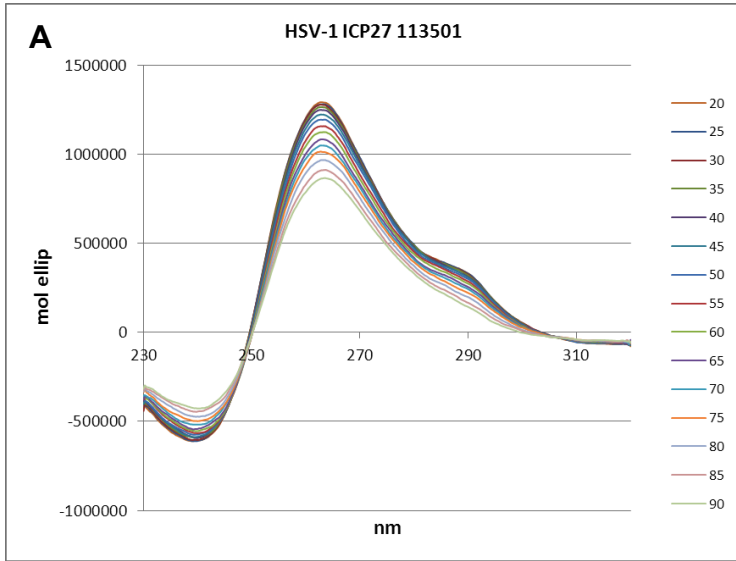


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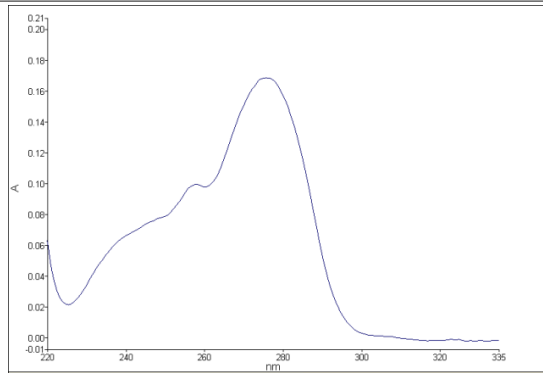


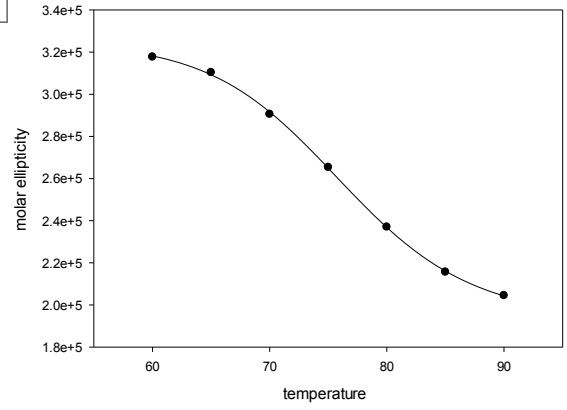
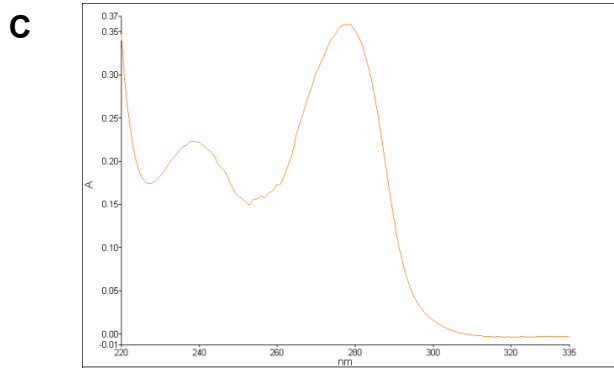
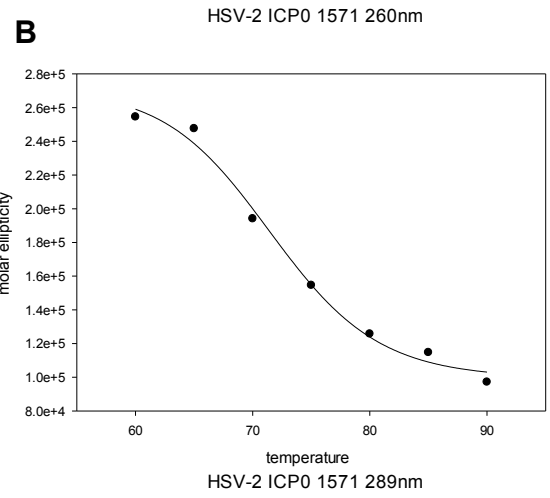
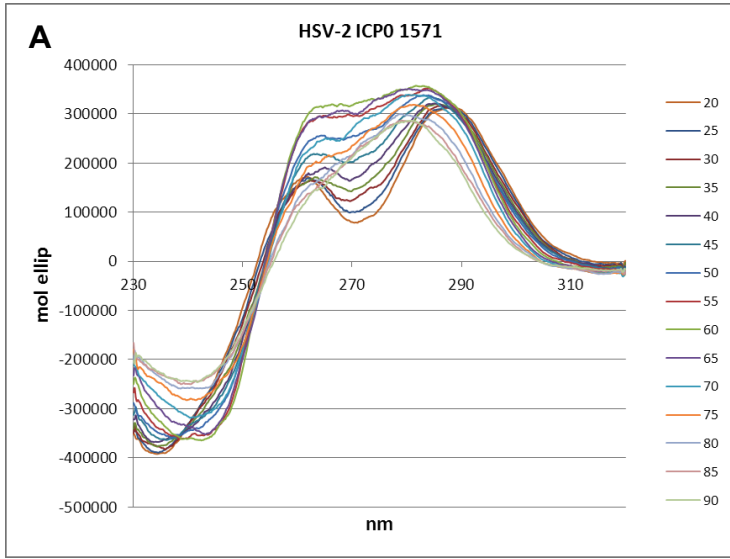


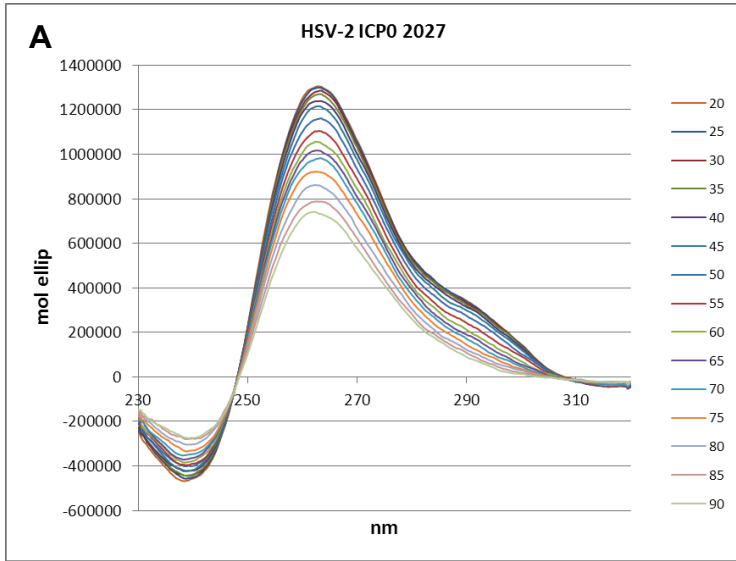
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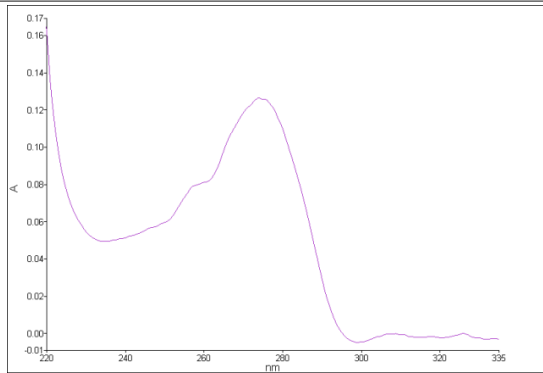


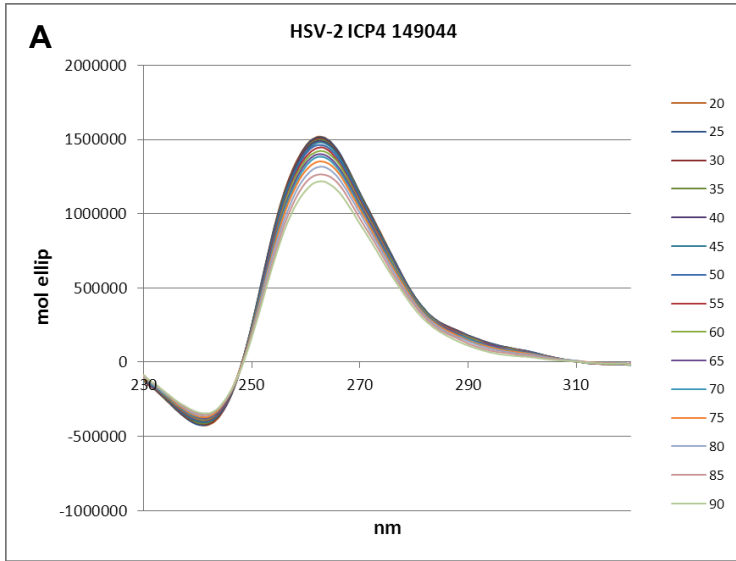


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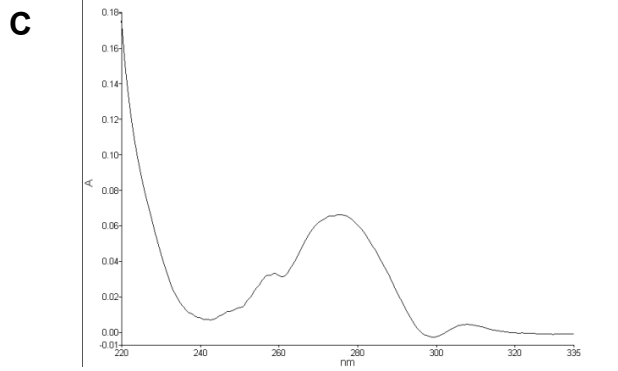
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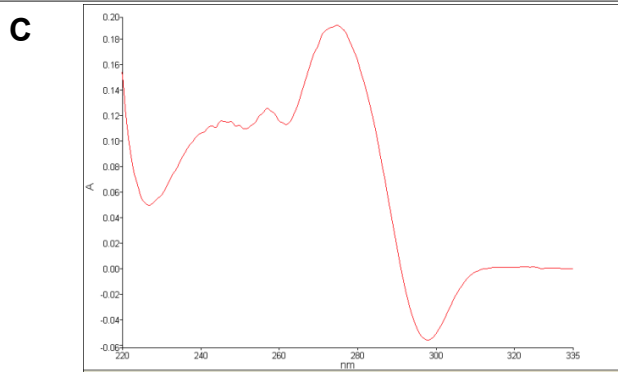
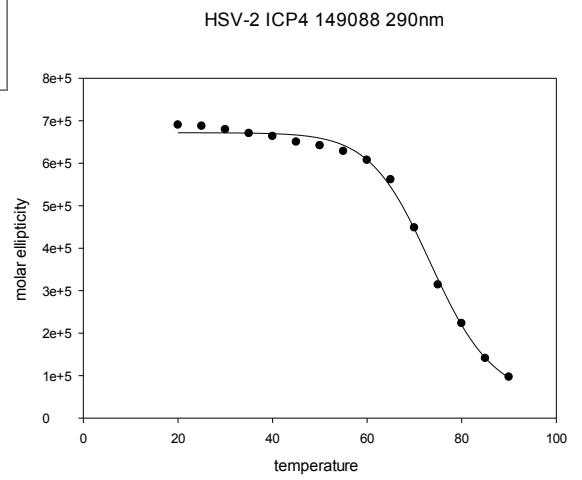
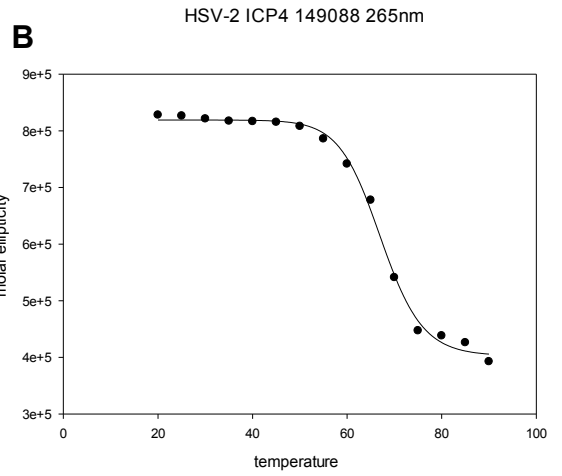
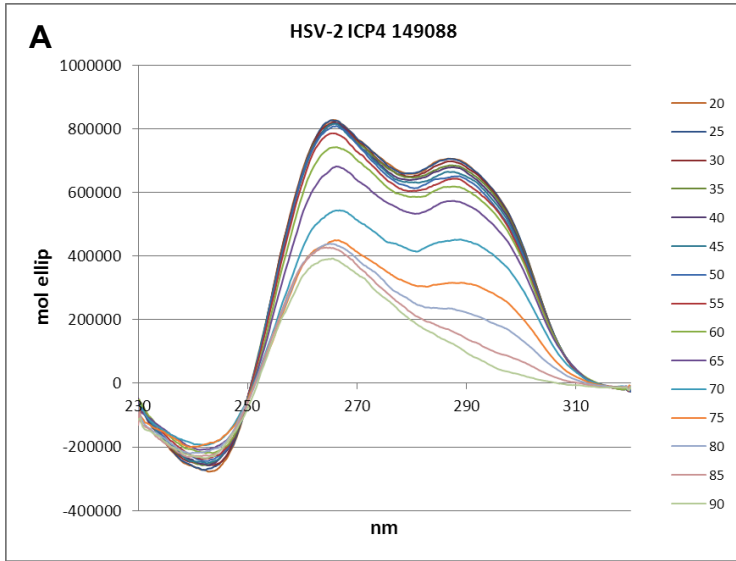


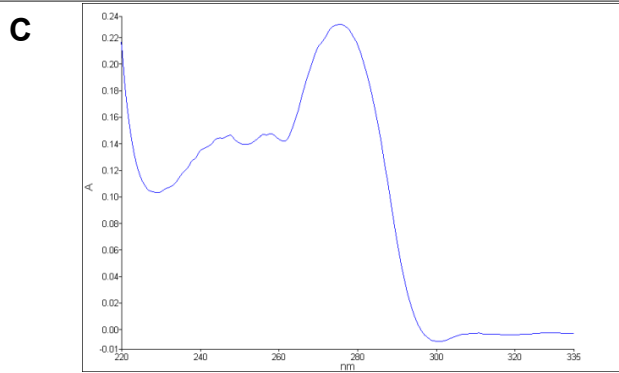
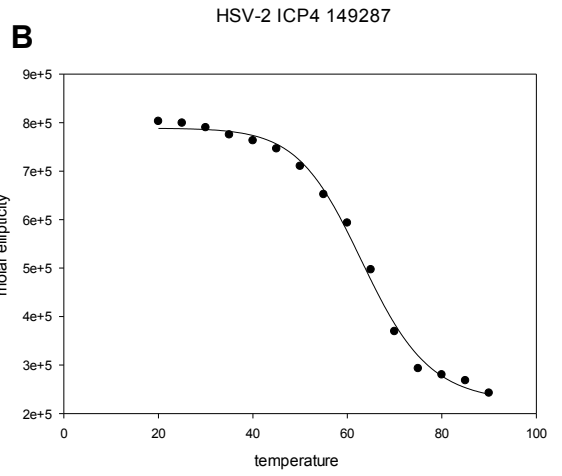
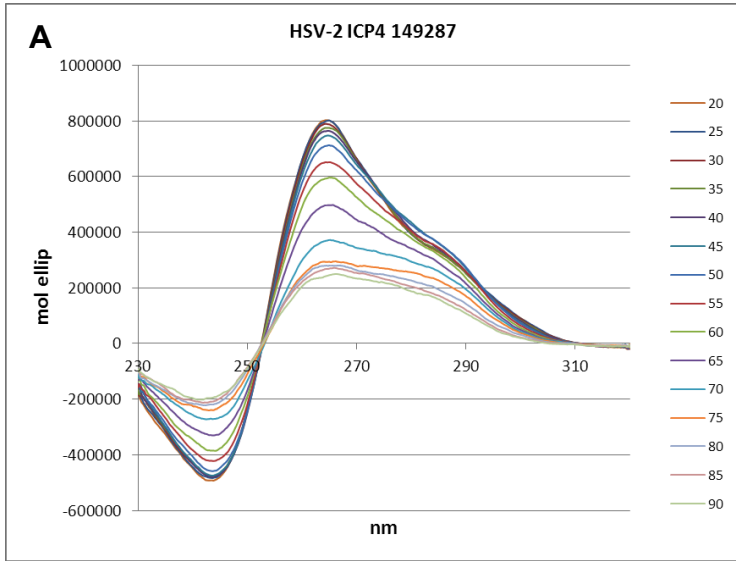


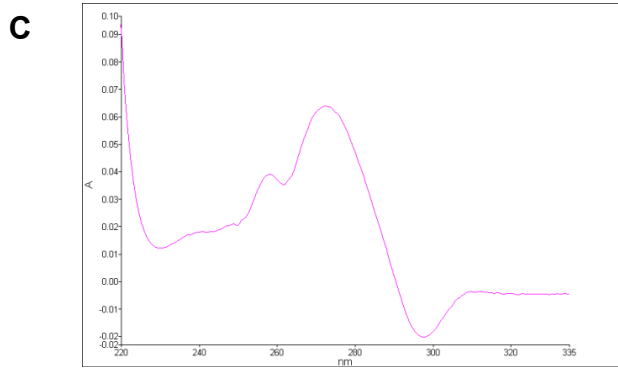
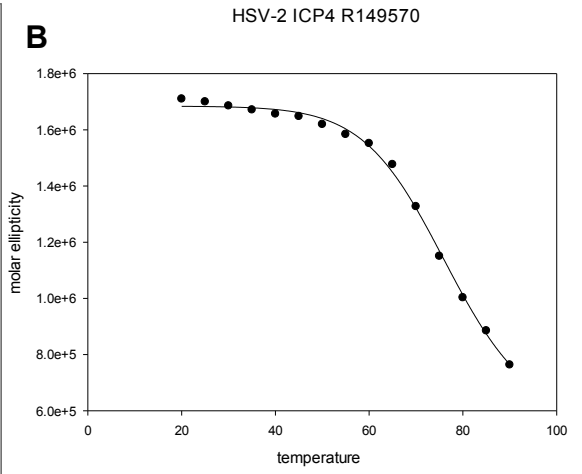
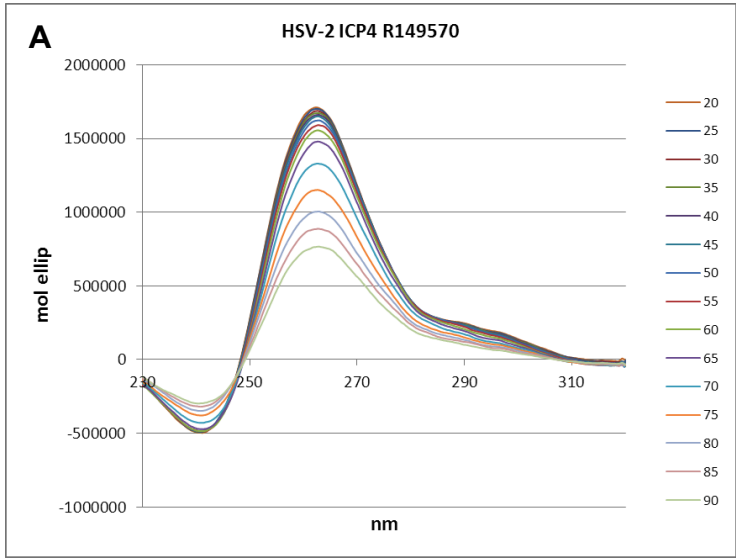
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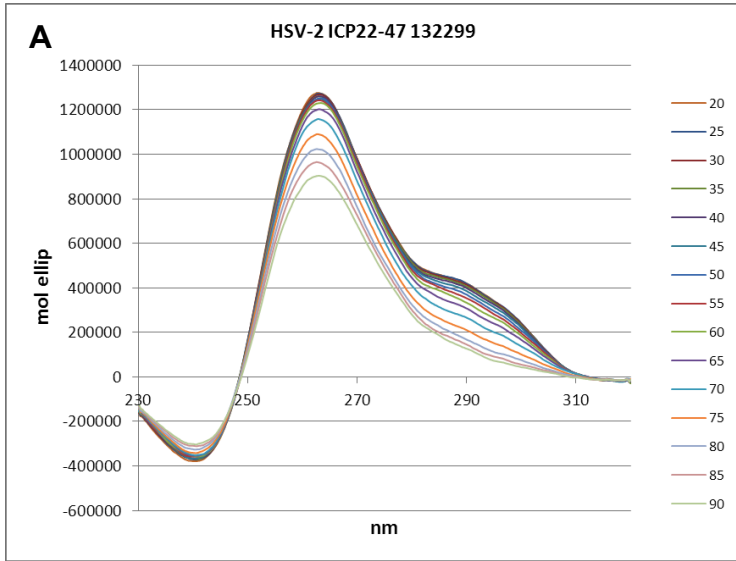
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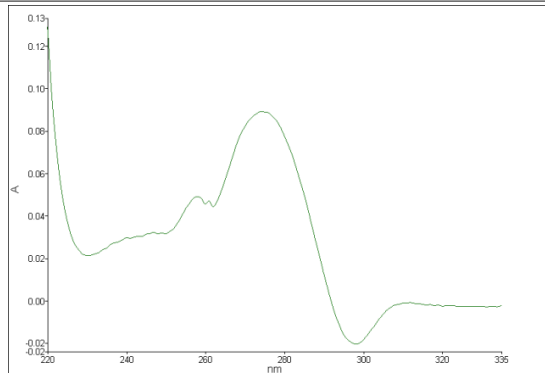


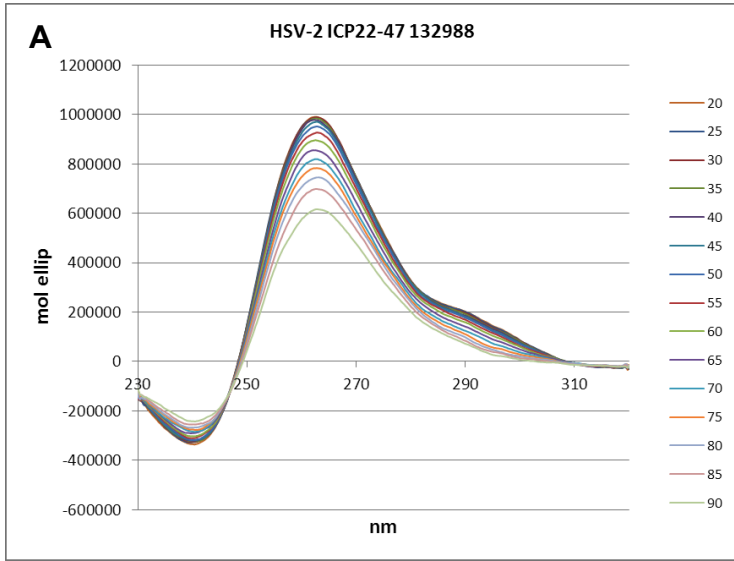


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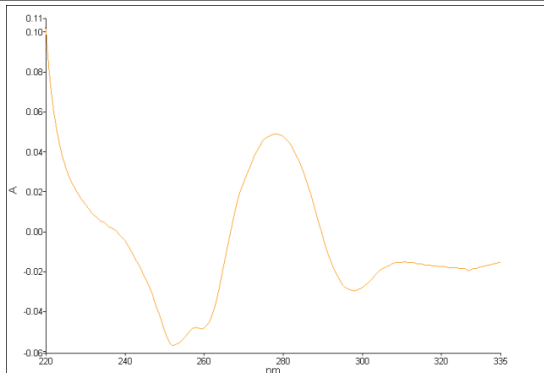


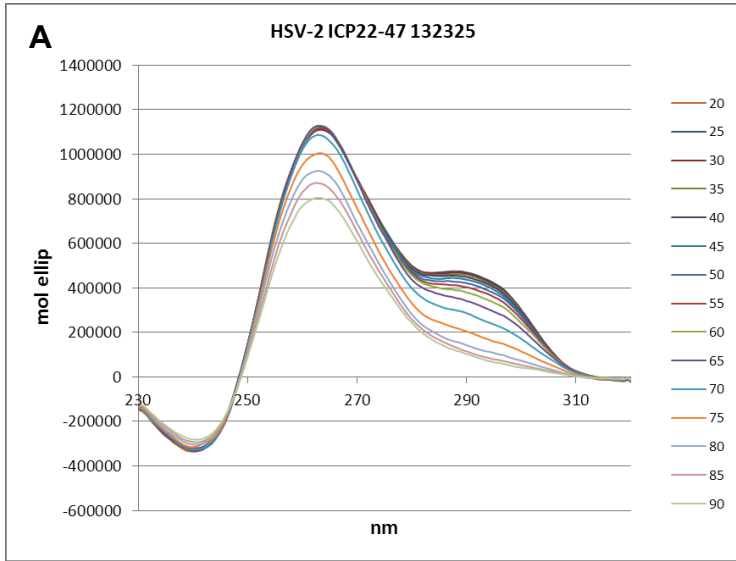


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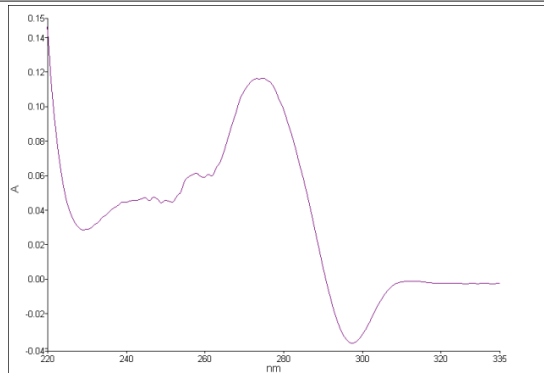


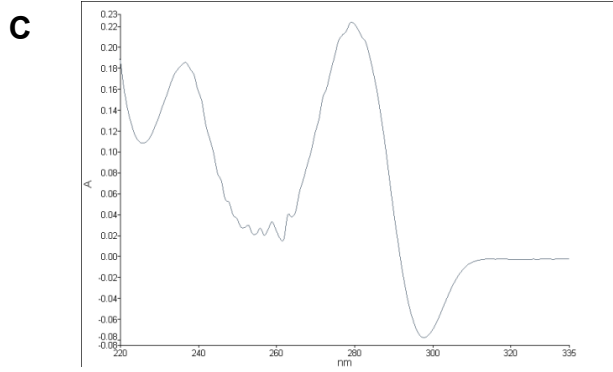
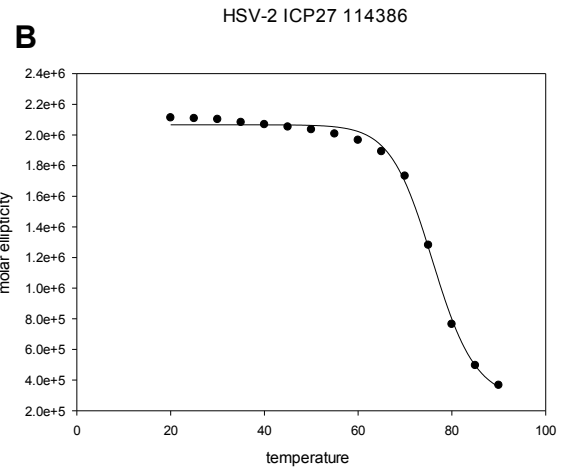
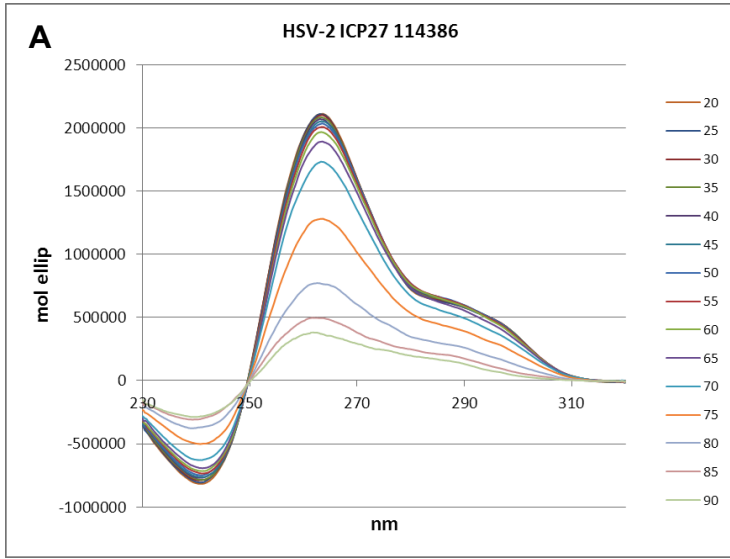


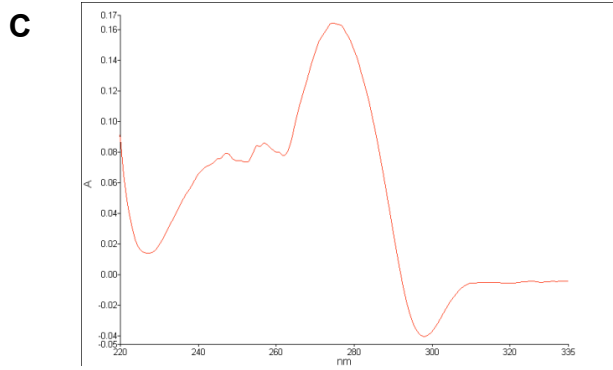
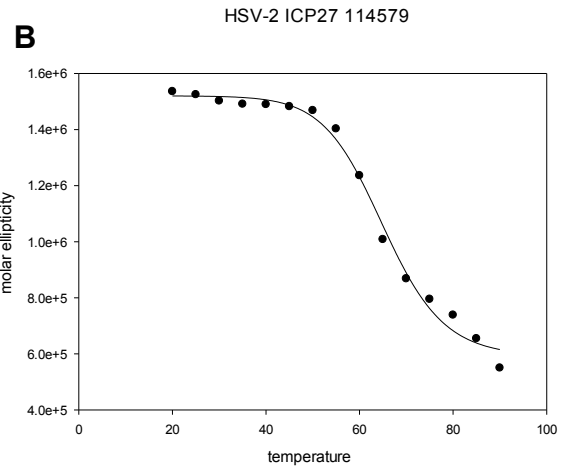
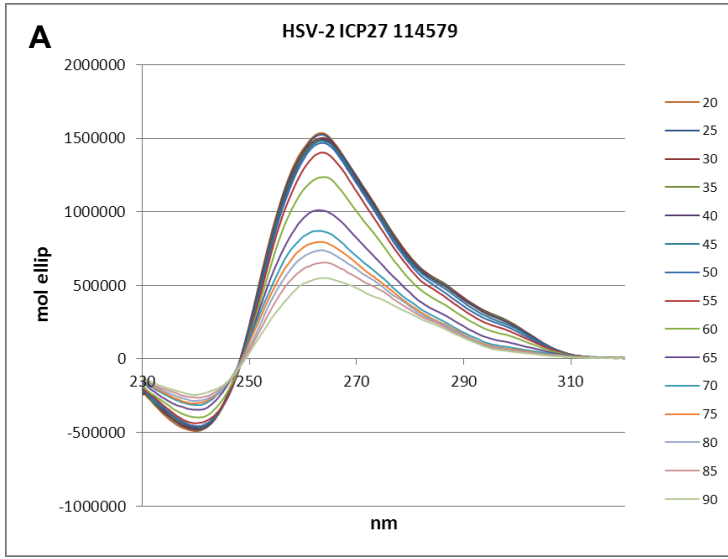
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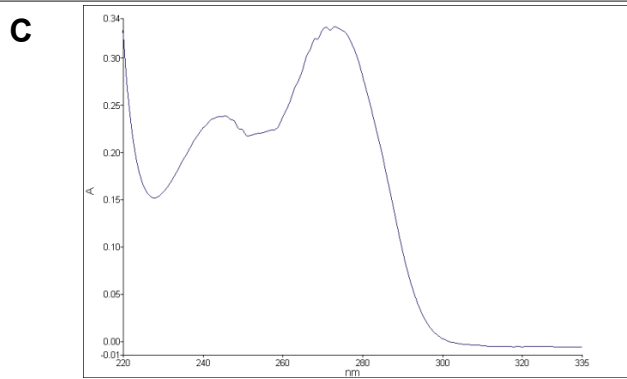
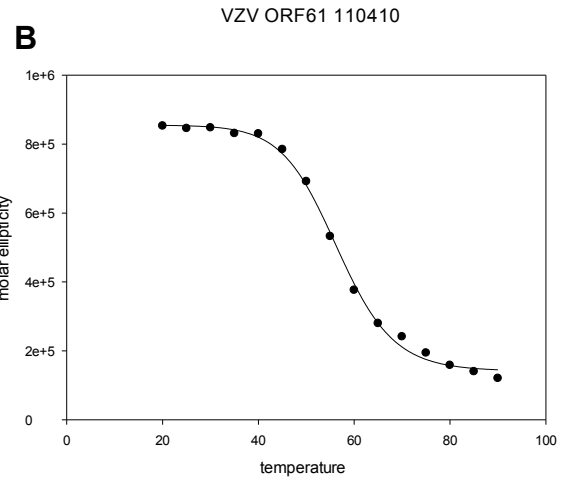
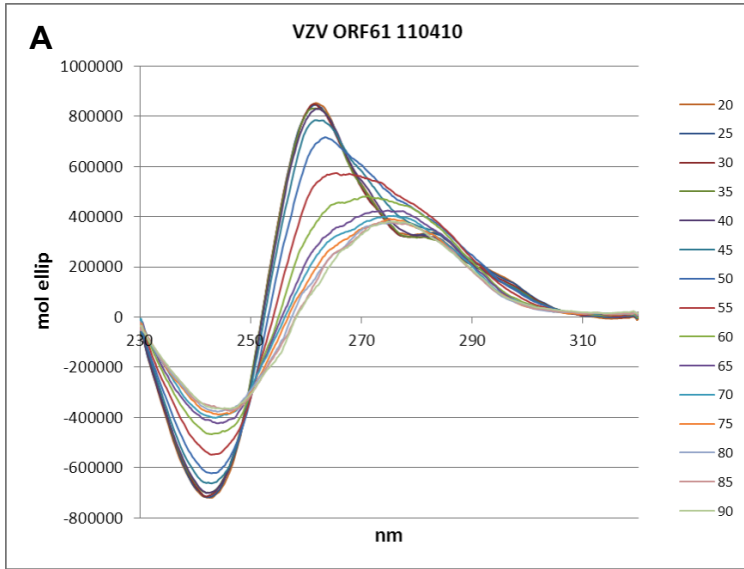
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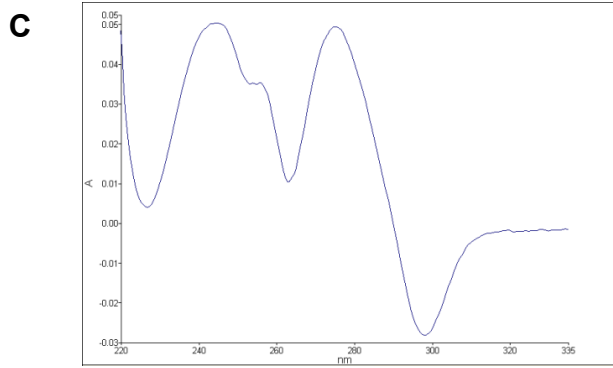
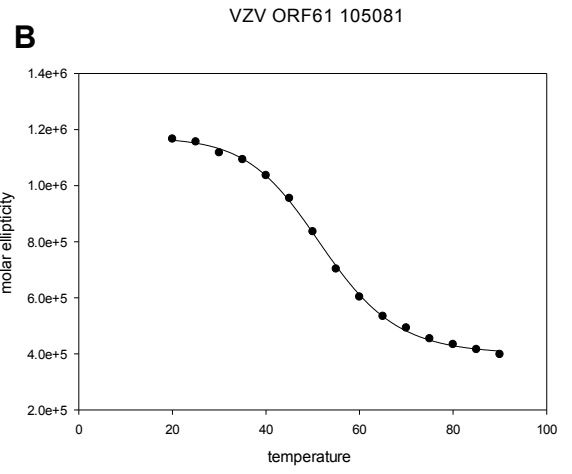
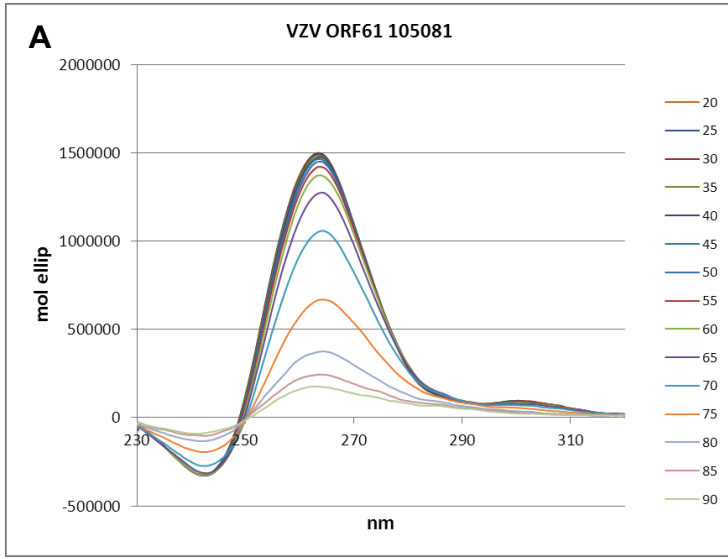
C

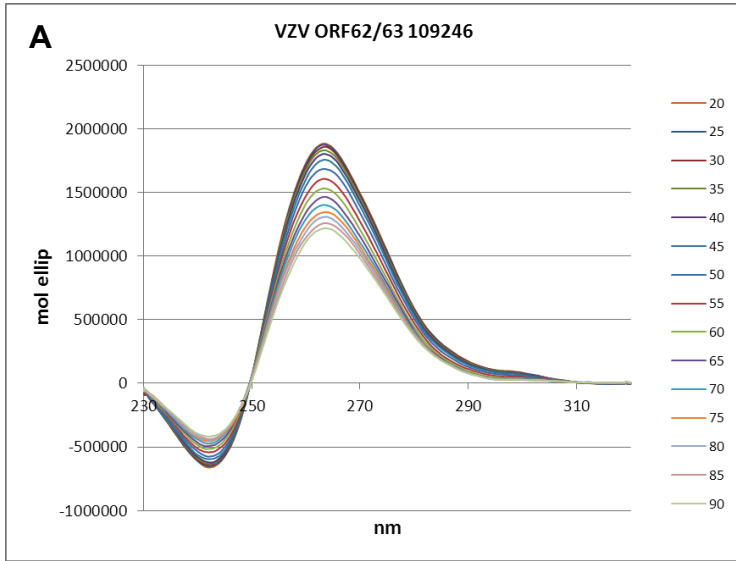








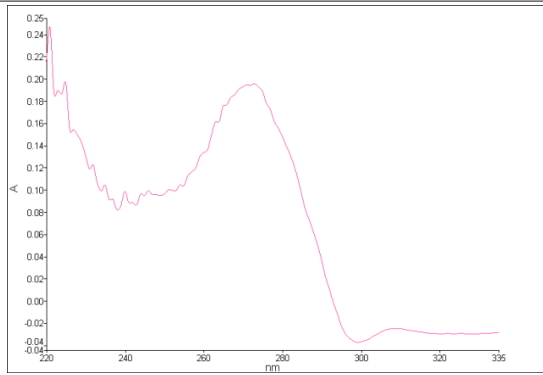




B

$T_m > 90$

C



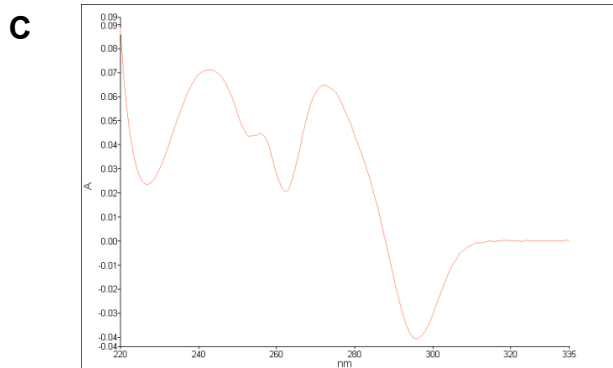
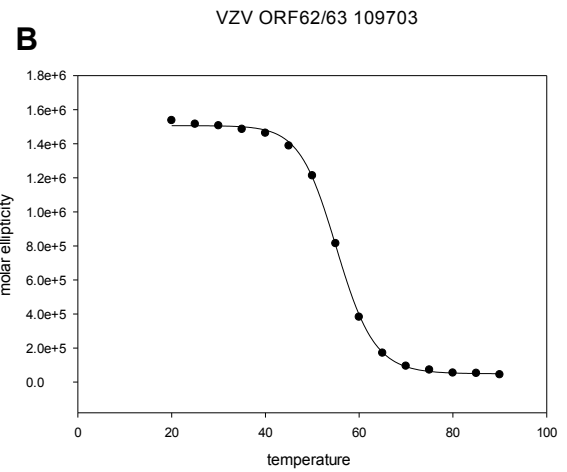
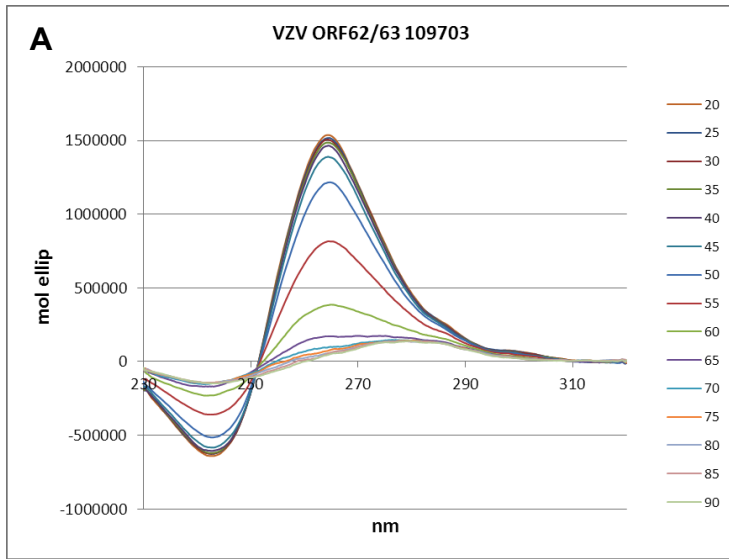


Table S1: oligonucleotides used in the Taq polymerase stop assay

Name	Sequence (5'-3')
ICP0	TTTTTGGGGAGGGGAAAGGCGTGGGGTTTTTCTGCATATAAGCAGCTGCTTTTTGCC
ICP27	TTTTTGGGGCGGGGCCCCGCCCCGGGGGGCGGAACGAGGAGGGGTTTGGGTTTTTCTGCATATAAGCAGCTGCTTTTTGCC

