Gaining Deeper Understanding of Zika Virus Neurotropism by Thermodynamic Principles

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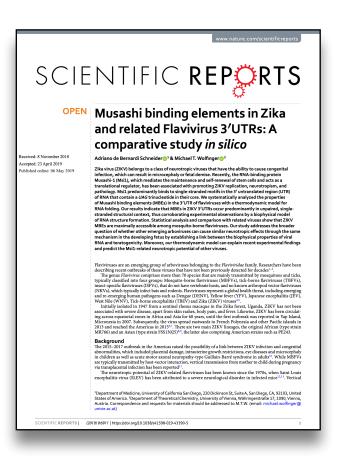
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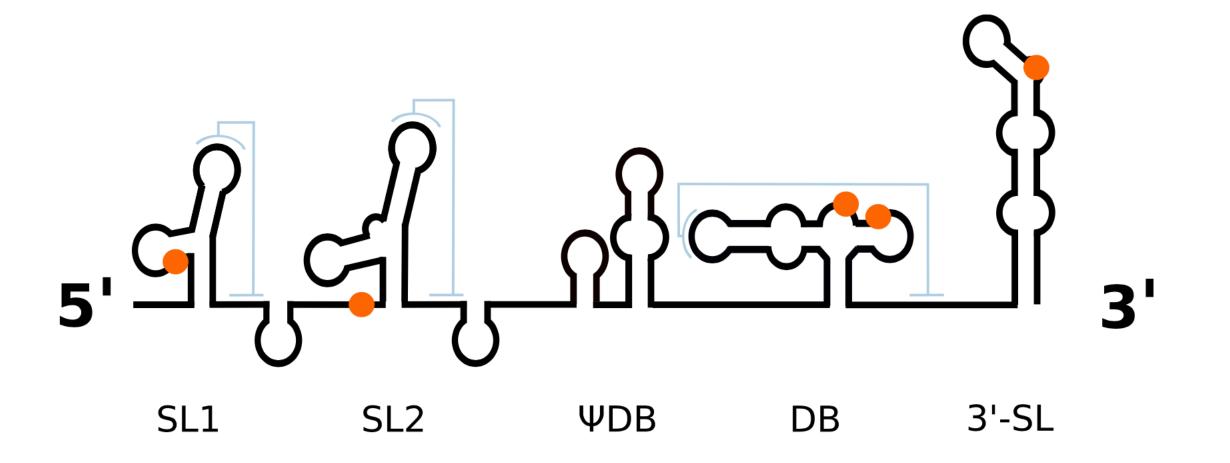
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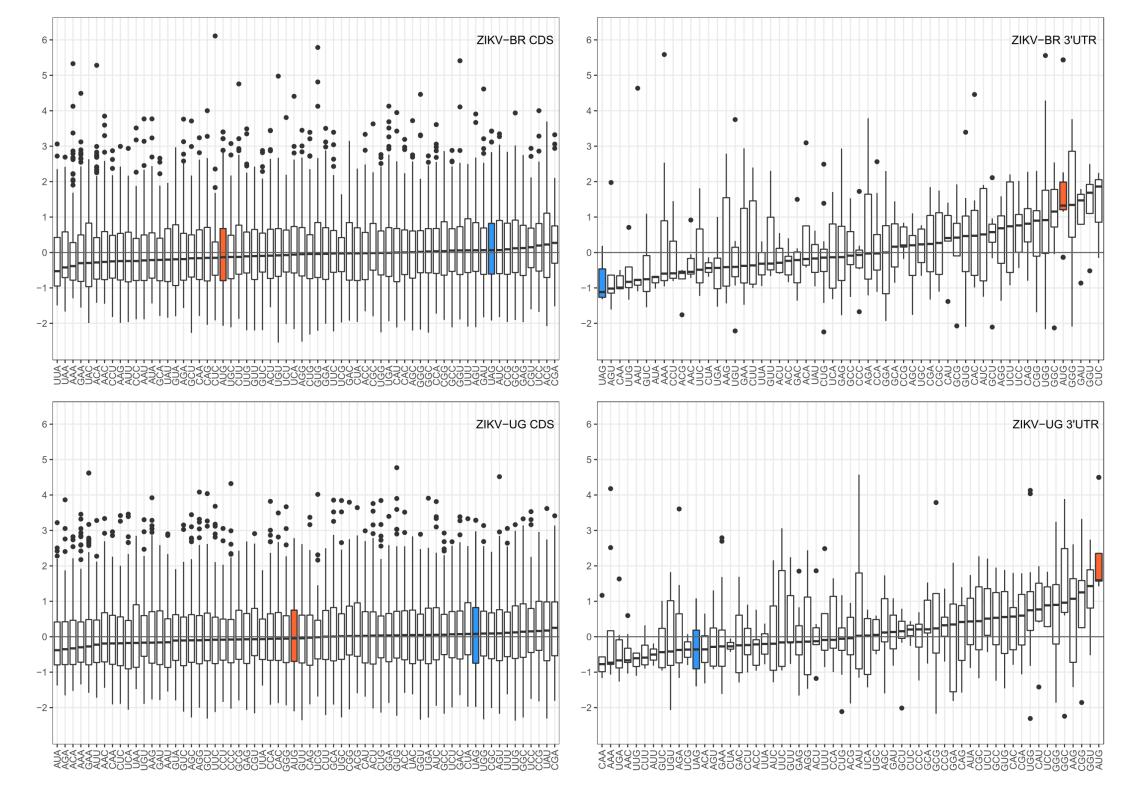
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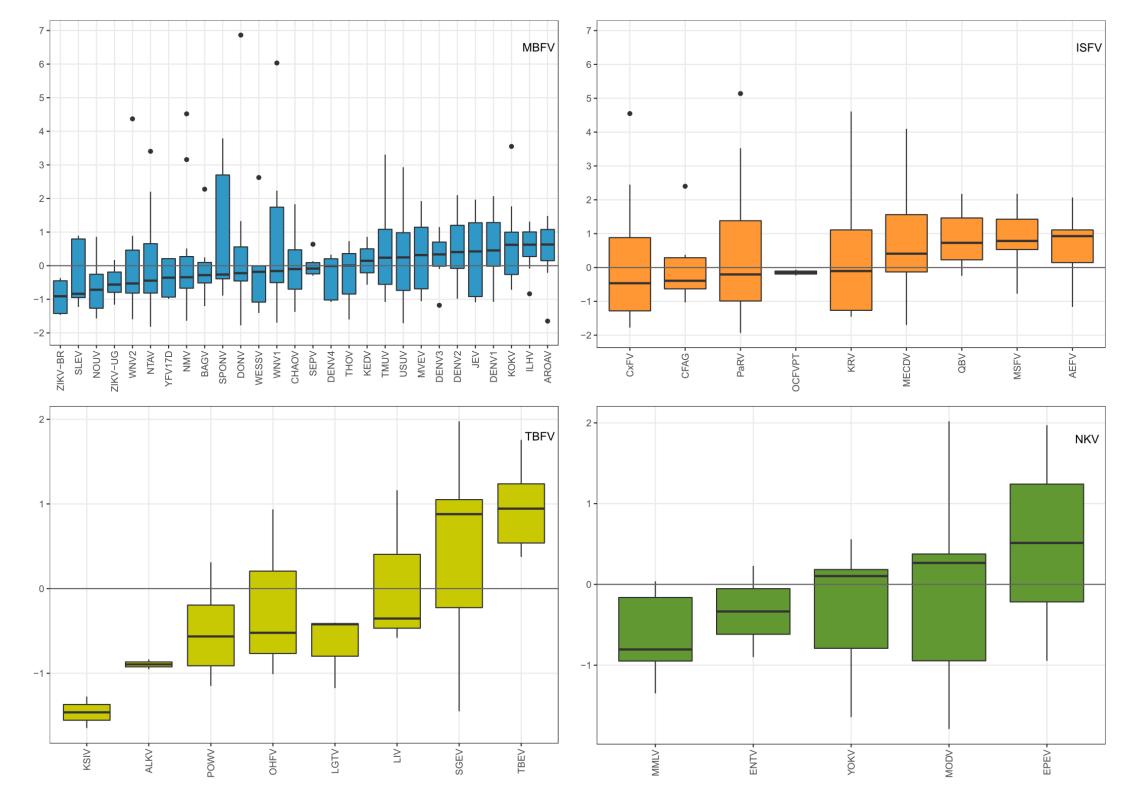
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	((((((())))))))))	(((()))))))
YOKV_NC_005039.1 DB.1 211-292	GGGAGCCUCCGCCAAUGGUGGCUUI	JACAUAUUGAGCUACUGCAUUGGUCGAUGGGGAC <mark>U</mark>	AGCGGUUAGAGGAGACCCUCUCC 82
DONV NC 016997.1 DB.1 140-216		AAGCCUAGGAGACACUAGACACUCUGGAC <mark>U</mark>	
CHAOV_NC_017086.1 DB.1 130-201		AGCCCGAGCUGGACAAGGCA-UGUGUAC <mark>U</mark>	
SEPV_NC_008719.1 DB.1 262-333		GUCCGCGCGCAGCAGGAAAGAAGGGGUC <mark>U</mark>	
WESSV_NC_012735.1 DB.1 274-345		UACCGCGCACGGUGGGAAAGAUGGGGUC <mark>U</mark>	
YFV17D NC 002031.1 DB.1 307-379		UCCCACGUGGUGGUAGAAAGACGGGGUC <mark>U</mark>	
USUV NC 006551.1 DB.1 386-457		ucccacguggugguagaaagacggggucu GUGAUGCGAACUGUUCGUGGAAGG-AC <mark>U</mark>	
MVEV_NC_000943.1 DB.1 340-409		GUGAUGCAAAC-CCCGGC-GAAGG-AC <mark>U</mark>	
JEV_NC_001437.1 DB.1 310-380		GAUGCAAU-AGACGAGGUGUAAGG-AC <mark>U</mark>	
AROAV_NC_009026.2 DB.1 141-211		AACCGUUG-AUCCCAGGCGAAGGG-AC <mark>U</mark>	
TMUV_NC_015843.2 DB.1 348-416		UGGUGUGACCAUCAUGGAGGG-AC <mark>U</mark>	
ZIKV-BR_NC_035889.1 DB.1 238-307		GCUGUGGAUCUCCAGAAGAGGG-AC <mark>U</mark>	
ZIKV-UG_NC_012532.1 DB.1 238-307		GCUGUGAAUCUCCAGCAGAGGG-AC <mark>U</mark>	
SPONV_SA-Ar DB.1 206-274		GCUGUGACUCCUGCUGGAGGG-AC <mark>U</mark>	
NMV_NC_032088.1 DB.2 364-428		AAGCUGU-AAA-CUCGUGGAAGG-AC <mark>U</mark>	
NTAV_NC_018705.3 DB.2 441-505		AAGCUGU-AAA-CCAGGGGAAGG-AC <mark>U</mark>	
WNV1_NC_009942.1 DB.2 438-503	GCACGGCCC-AGCCUGG-CU-G	AAGCUGU-AGG-UCAGGGGAAGG-AC <mark>U</mark>	AGAGGU <mark>UAG</mark> UGGAGACCCCGUGC 66
WNV2_NC_001563.2 DB.2 382-447		AAGCUGU-AAG-CCAAGGGAAGG-AC <mark>U</mark>	
MVEV_NC_000943.1 DB.2 417-483		AAGCUGUAAGG-CGGGUGGACGG-AC <mark>U</mark>	
SLEV NC 007580.2 DB.2 359-426		AAGCUGUAGAG-ACGGGGGAAGG-ACU	
DENV4_NC_002640.1 DB.2 201-269		AAGCUGUACUC-CUGGUGGAAGG-AC <mark>U</mark>	
DENV2 NC 001474.2 DB.2 268-335		AAGCUGUAGUC-UCGCUGGAAGG-ACU	
THOV NC 034151.1 DB.2 359-426		AAGCUGUAGAC-CAGAGGGAAGG-AC <mark>U</mark>	
DENV1 NC_001477.1 DB.2 278-345		AAGCUGUACCC-UGGUGGUAAGG-AC <mark>U</mark>	
JEV_NC_001437.1 DB.2 391-458		AAGCUGUAGAG-GAGGUGGAAGG-AC <mark>U</mark>	
TMUV_NC_015843.2 DB.2 424-491		AAGCUGUAACU-CUAGGGGAAGG-AC <mark>U</mark>	
USUV_NC_006551.1 DB.2 465-533		AAGCUGUAGGA-ACGGUGGAAGG-AC <mark>U</mark>	
ILHV_NC_009028.2 DB.2 195-262		AAGCUGUAGGA-CUGGUGGAAGG-AC <mark>U</mark>	
DENV3_NC_001475.2 DB.2 257-325		AAGCUGUACCU-CCUUGCAAAGG-AC <mark>U</mark>	
WNV1_NC_009942.1 DB.1 361-429		AUGGUGUUAACC-AGGGCGAAAGG-AC <mark>U</mark>	
WNV2_NC_001563.2DB.1 305-373		AUGGUGUUAACC-AGGGAGAAGGG-AC <mark>U</mark>	
NMV_NC_032088.1 DB.1 288-358		UUGCGGGAGAGAUAGUGUCACGCGGAC <mark>U</mark>	
SLEV_NC_007580.2 DB.1 286-351		AGUGCGUGACCAUGGCGUAAGG-AC <mark>U</mark>	
THOV_NC_034151.1 DB.1 283-348	CCACGGCCCAAUCUUGGG	AGGGCGUGGCCCAAGAGUAAGG-AC <mark>U</mark>	AGAGGUUAGAGGAGACCCCGUGG 66
NTAV_NC_018705.3 DB.1 366-432	CCGCGGCCCAAGCAAGGG-A	AUGGUGUGCCCCUUGUGGAAGG-UC <mark>U</mark>	AGAGGUUAGAGGAGACCCCGCGG 67
BAGV_NC_012534.1 DB.1 372-438		AUGGUGUGACCCUUGUGUAAGG-AC <mark>U</mark>	
KOKV_NC_009029.2 DB.1 290-355		GAACGCGAACUCCCCCAAAGG-AC <mark>U</mark>	
ILHV_NC_009028.2 DB.1 121-187		CAGCGCGACUCCUGGAGGAAGG-ACU	
DENV4_NC_002640.1 DB.1 111-178		AAGCUGU-ACGCGUGGCAUAUUGGAC <mark>U</mark>	
DENV1_NC 001477.1 DB.1 194-261		AAGCUGU-ACGCAUGGGGUAGCAGAC <mark>U</mark>	
DENV3_NC_001477.11DB.11134 2011 DENV3_NC_001475.2 DB.1 173-240		AAGCUGU-ACGCACGGUGUAGCAGAC <mark>U</mark>	
DENV3_NC_001473.21DB.11173-2401 DENV2_NC_001474.21DB.11181-2481	$CCC\lambda CCC\lambda C\lambda \lambda \lambda = -CC\lambda IICC =$	AAGCUGU-ACGCAUGGCGUAGUGGAC <mark>U</mark>	ACCCCIIIACACCACACCCCIICCC 68
KEDV_NC_012533.1 DB.2 197-261	CCCCCCCA A CC CCCCII A	AGCUGCGCAO-GGCGOAGOGGACU AGCUGUAACCGGUGGAAGGACUA	CCACCILLACACCACACCCCCCCCCCCCCCCCCCCCCCC
VEDA INC 000030 31DB 31360 4331			
KOKV_NC_009029.2 DB.2 368-432	GGGAGCCCAUCUCAGGG-A	AAGCUGUAACCCUGGGGGAAGG-AC <mark>U</mark>	AGAGGUUAGAGGAGACC-CUCCC 65
AROAV_NC_009026.2 DB.2 223-288	A COCCOOR A A A COCCA TICCO A CITC	AACCUUUAGGCAGGUAAAAGG-AC <mark>U</mark>	AGAGGUUAGAGGAGACCCCUUGG 66
NOUV_NC_033715.1 DB.1 282-352		AAGCUAUAAGGUGCGGGAAGG-AC <mark>U</mark>	
ENTV_NC_008718.1 DB.1 42-99		GAAACCAGUCGACGGGGAC <mark>U</mark>	
MMLV_NC_004119.1 DB.1 200-251		AAAGCUGAAAGGAC <mark>U</mark>	
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