



***Aedes vexans* mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map**
 Laboratorio de Genómica Viral y Humana, Facultad de Medicina, Universidad Autónoma de San Luis Potosí, México (08/Apr/2022, v4.0)

1 | Mosq-F | 130

Consensus **TGTGA**ACTGCAGGACACAT |

EF539857 **TGTGA**ACTGCAGGACACAT |

AF298626 **TGTGA**ACTGCAGGACACAT |

M95132 *****-T-----C-----G-----

MG232641 *****-----GG-A

AM084684 *****-----A-T.....G-----TC

131 | Mosq-RAE2 | 260

Consensus GGGGGTGACGCGGC **CGTATGCRK**VGTGAYGTTTC |

EF539857 -----A-----

AF298626 -----

M95132 -A-----

MG232641 -----

AM084684 -----

261 | Mosq-R2 | 383

Consensus CCACCGCGATCCAAGCGATGTTGTGCTCCATCTATTTCGTTGACTTACTCTCTCACTTGACTGTGATAAAGAAAAACAATTCAGTAGGCCTCAAATA **ATGTGTGACTACCCCTAAA** |

EF539857 -----

AF298626 -----G-----

M95132 -----

MG232641 -----

AM084684 -----G-----

Alignments prepared using ElimDupes (www.hiv.lanl.gov/content/sequence/elimdupesv2/elimdupes.html), CLUSTAL O (www.ebi.ac.uk/Tools/msa/clustalo/), EMBOSS Seqret (www.ebi.ac.uk/Tools/sfc/emboss_seqret/) and SURE v1.0 Sequence Unanimity Reformatting tool (<http://midasmap.uaslp.mx/suretool/>).