



**Mosquito ITS2 rRNA sequences used to produce nucleotide sequence alignments**  
Laboratorio de Genómica Viral y Humana, Facultad de Medicina UASLP  
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Mosquito	Sequences	GenBank accession numbers used
<i>Aedes abserratus</i>	2	KF535025, KF535026
<i>Aedes aegypti</i>	19	M95126, KU497616, KU497615, KP259840, GU980956, AY512670, AY512672, AY512673, AY512671, AY512667, MH142317, MH142318, HE820724, MH142320, MH142326, MH142319, MH142316, AB548797, AB548799
<i>Aedes albopictus</i>	166	DQ168420, KK495928, KK495935, KU497619, KK495931, KU497618, KK495943, AF305554, MW281944, MW281898, MW281905, MW281873, MW281874, MW281987, MW281999, MW281996, MW281988, MW281980, MW281984, MW281872, MW281931, MW281890, MW281919, MW281929, MW281900, MW281915, MW281891, MW281892, MW281932, MW281870, MW281983, MW281885, MW281878, MW281895, MW281894, MW281875, MW281883, MW281879, MW281992, MW281993, MW281990, MW282010, MW281994, MW281968, MW281926, MW281941, MW282009, MW281967, MW281948, MT992619, MW281953, MW281943, MW281991, MW281972, MW282020, MW281969, MW281871, MW282014, MW282013, MW281997, MW281955, MW281998, MW282016, MW282004, MW282017, MW281978, MW281952, MW282012, MW281965, MW281961, MW281935, MW281934, MW281886, MW281933, MW281957, MW282015, MW282026, MW281966, MW282005, MW281949, MW281950, MW282021, MW281960, MW281986, MW281965, MW281989, MW281962, MW281971, MW281975, MW281942, MW282000, MW282001, MW281958, MW282003, MW281985, MW281981, MW281884, MW281882, MW281879, MW282011, MW282008, MW282002, MW281969, MW281962, MW281959, MW281940, MW281936, MW281925, MW281902, MW281881, MW281880, MW281865, MW281876, MW281927, MW281918, MW281928, MW281903, MW281893, MW281888, MW281887, MW281897, MW281916, MW282006, MW281923, MW281930, MW282019, MW282025, MW281974, MW281973, MW281970, MW281970, MW281954, MW281945, MW281946, MW281939, MW281937, MW281938, MW281913, MW281914, MW281922, MW281899, MW281906, MW281920, MW281924, MW282023, MW281964, MW281868, MW281909, MW281867, MW281912, MW281911, MW281907, MW281908, MW281877, MW281907, MW281963, MW281910, MW282007, MW281889, MW281896, MW282018, MW281951, MW281976, MW281956, MW281977, MW282022, MW281866, MW281901
<i>Aedes atlanticus</i>	2	MG232604, KF307743
<i>Aedes atropalpus</i>	1	MG232605
<i>Aedes atropos</i>	0	None available
<i>Aedes aurifer</i>	1	MG232606
<i>Aedes campestris</i>	0	None available
<i>Aedes campthorhynchus</i>	8	MG232610, MT821251, KX866194, KX866193, KX866191, KX866190, KU495683, KU495682
<i>Aedes canadensis</i>	0	None available
<i>Aedes cantator</i>	1	MG232611
<i>Aedes cataphylla</i>	3	MT150263, MT150262, MT150259
<i>Aedes cinereus</i>	4	AM397836, AM397837, MG232614, AM397835
<i>Aedes dorsalis</i>	1	MG232618
<i>Aedes earlei</i>	0	None available
<i>Aedes excrucians</i>	1	MG232619
<i>Aedes flavescens</i>	0	None available
<i>Aedes fulvus</i>	0	None available
<i>Aedes grossbecki</i>	0	None available
<i>Aedes hensilli</i>	0	None available
<i>Aedes hespernotus</i>	0	None available
<i>Aedes infirmatus</i>	0	None available
<i>Aedes intrudens</i>	1	MG232624
<i>Aedes japonicus</i>	5	MG232625, FJ403047, MK412709, MK412713, MK412716
<i>Aedes kochi</i>	0	None available
<i>Aedes melanimon</i>	0	None available
<i>Aedes mitchellae</i>	0	None available
<i>Aedes nigromaculis</i>	0	None available
<i>Aedes notoscriptus</i>	25	MT821258, KX866259, KX866258, KX866257, KX866256, KX866255, KX866254, KX866252, KX866251, KX866250, KX866249, KX866248, KX866244, KX866242, KX866241, KX866237, KX866236, KX866235, KU495705, KU495704, KU495703, KU495702, KU495701, MG232629, MT821257
<i>Aedes polynesiensis</i>	2	AY822662, AY822661
<i>Aedes sollicitans</i>	0	None available
<i>Aedes squamiger</i>	0	None available
<i>Aedes sticticus</i>	3	KF535079, KF535080, KF535083
<i>Aedes taeniorhynchus</i>	1	MG232636
<i>Aedes territans</i>	0	None available
<i>Aedes triseriatus</i>	2	AF166254, M95131
<i>Aedes trivittatus</i>	0	None available
<i>Aedes vexans</i>	5	EF539857, AF298626, M95132, MG232641, AM084684
<i>Aedes vigilax</i>	0	None available
<i>Anopheles albimanus</i>	8	L78065, GU477268, GU477267, GU477269, GU477274, GU477270, JX212820, GU477271
<i>Anopheles apicimacula</i>	10	KF698907, KF698908, KF698909, KM262754 and KM262755, KM262757, KM262758, KM262759, KM262760
<i>Anopheles crucians</i>	3	AY386964, AY386965, AY386966
<i>Anopheles darlingi</i>	26	AF462389, AF462388, GU477277, GU477278, GU477276, U36780, AF051274, GQ261216, GQ261215, GQ261213, GQ261214, GQ261217, GQ261210, GQ261212, GQ261211, GQ261209, GQ261208, GQ261206, GQ261207, GQ261203, GQ261205, GQ261221, GQ261220, GQ261219, GQ261218, GQ261204
<i>Anopheles gambiae</i>	14	EU104648, EU104634, EU104644, EU104646, QG870315, QG870319, QG870322, MH598415, AF470190, AF307130, AF307124, KU056615, MW600415, MW647402
<i>Anopheles pseudopunctipennis</i>	2	U49735, KF698921
<i>Anopheles punctimacula</i>	11	JX212806, JX212812, KF698889, KF698892, KF698893, KF698890, MG734938, KF698891, GU477275, KF698894, MG734935
<i>Anopheles quadrimaculatus</i>	5	U32506, U32504, U32505, U32503, U32550
<i>Coquillettidia perturbans</i>	0	None available
<i>Culex annulirostris</i>	11	KX865978, KX865976, KX865982, KX865980, KU495632, KU495633, KU495635, KX865979, KU495631, KU495634, KX865977
<i>Culex erraticus</i>	69	HQ317364, U33021, U33020, HQ317366, HQ317363, JF784447, JF784454, JF784446, JF784469, JF784455, JF784488, JF784492, JF784486, JF784443, JF784464, JF784484, JF784531, JF784474, JF784587, JF784479, JF784504, JF784535, JF784567, JF784427, JF784572, JF784573, JF784434, JF784477, JF784494, JF784508, JF784515, JF784525, JF784521, JF784459, JF784483, JF784445, JF784442, JF784441, JF784449, JF784453, JF784485, JF784444, JF784452, JF784471, JF784448, JF784482, JF784452, JF784468, JF784480, JF784472, JF784545, JF784430, JF784436, JF784435, JF784586, JF784493, JF784523, JF784452, JF784451, JF784460, JF784439, JF784578, JF784539, JF784487, JF784512, JF784514, JF784517, JF784518
<i>Culex erythrorhox</i>	2	U33018, U33022
<i>Culex nigripalpus</i>	6	GU299724, GU299723, GU299722, GU299721, GU299720, GU299719
<i>Culex pipiens</i>	23	AJ850084, AJ850085, EF539853, KU497626, KU497627, KU495643, KU495644, KX866003, KX866004, EF539855, KU175324, JQ958367, MK972095, MK972023, MK972055, MK972111, MK972019, AM084682, AM084683, MK584720, MK584725, MK584735, MK584737
<i>Culex quinquefasciatus</i>	59	KU497623, KU497624, KU497625, FJ416031, FJ416032, FJ416033, FJ416034, FJ416035, FJ416037, FJ416038, FJ416041, FJ416042, FJ416043, FJ416044, FJ416045, FJ416047, FJ416049, FJ416050, FJ416052, FJ416053, FJ416054, FJ416055, FJ416056, FJ416057, FJ416059, JQ958368, KU495651, KU495652, KU495653, KU495654, KX866008, KX866009, KY053487, MT821278, MT821282, MT821280, GU299749, GU299752, GU299753, GU299755, GU299756, GU299757, GU299759, HQ404256, HQ404258, HQ404259, HQ404260, HQ848557, HQ848558, HQ848559, HQ848560, HQ848561, HQ848562, HQ848563, HQ848564, HQ848565, HQ848566, HQ848567, HQ848572
<i>Culex restuans</i>	6	U22138, U22137, U22135, U22136, U22134, U22133
<i>Culex salinarius</i>	6	U22140, U22142, U22141, U22139, U22143, U22144
<i>Culex tarsalis</i>	4	U33031, U33032, U33029, U33030
<i>Culiseta inornata</i>	0	None available
<i>Culiseta melanura</i>	0	None available
<i>Culiseta morsitans</i>	0	None available
<i>Deinocerites cancer</i>	0	None available
<i>Deinocerites mathesoni</i>	0	None available
<i>Deinocerites pseudus</i>	0	None available
<i>Mansonia dyari</i>	0	None available
<i>Mansonia signipennis</i>	0	None available
<i>Mansonia titillans</i>	0	None available
<i>Psorophora ciliata</i>	0	None available
<i>Psorophora ferox</i>	1	M95129
<i>Uranotaenia lowii</i>	0	None available
<i>Uranotaenia sapphirina</i>	0	None available
<i>Wyeomyia mitchellae</i>	0	None available
<i>Wyeomyia smithii</i>	0	None available
<i>Wyeomyia vanduzeei</i>	0	None available
Total	519	