

1 Mosq-F 130

Consensus TGTGAAC TGCAGGACACAT  
 KX865978 TGTGAAC TGCAGGACACAT  
 KX865976 -----  
 KX865982 -----  
 KX865980 -----  
 KU495632 ----- . . . .  
 KU495633 -----  
 KU495635 ----- . . . .  
 KX865979 ----- . . . .  
 KU495631 ----- . . . .  
 KU495634 ----- . . . .  
 KX865977 ----- . . . .

131 Mosq-RCX 260

Consensus GAGGCAGGCACGCAGCAGCATGGTAAAACTTCAGTG GCTGGCAAAACATTCAAGAC  
 KX865978 -----  
 KX865976 ----- A-  
 KX865982 -----  
 KX865980 -----  
 KU495632 ----- .  
 KU495633 ----- G----- T-----  
 KU495635 ----- .  
 KX865979 ----- .  
 KU495631 ----- .  
 KU495634 ----- .  
 KX865977 ----- .



## **Culex annulirostris mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map**

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	261	390
		Mosq-R2
Consensus	ACCTGGCTTGGCGCCGATGTAGACTCTCTCACTCTCCGTTGTCATCCGATGTCGCCGCGTACGCGTGCCCATCTCAAGAACCGCACCCAGTTATCTCCCATGTAGGCCTCAAATAATGTGTGAC	ATGTGTGAC
KX865978	-----••-----	-----••-----
KX865976	-----•••-----A-----	-----••-----••-----
KX865982	-----•••-----	-----A---A-----
KX865980	-----T-A-----	-----A---A-----••-----
KU495632	-----••-----	-----••-----••-----
KU495633	-----CT-----T-----•-----	-----A---A-----C-----•-----
KU495635	-----•-----	-----•-----
KX865979	-----A-----•-----	-----•-----
KU495631	-----•-----	-----A---A-----C-----•-----
KU495634	-----T-A-----	-----•-----
KX865977	-----T-A-----	-----•-----

	391	409
	Mosq-R2	
Consensus	TACCCCCCTAAATTTAAGCA	
KX865978	-----	
KX865976	-----	
KX865982	-----	
KX865980	-----	
KU495632	-----	
KU495633	-----	
KU495635	-----	
KX865979	-----	
KU495631	-----	
KU495634	-----	
KX865977	-----	

Alignments prepared using ElimDuplicates ([www.hiv.lanl.gov/content/sequence/elimduplicatesv2/elimduplicates.html](http://www.hiv.lanl.gov/content/sequence/elimduplicatesv2/elimduplicates.html)), CLUSTAL O ([www.ebi.ac.uk/Tools/msa/clustalo/](http://www.ebi.ac.uk/Tools/msa/clustalo/)), EMBOSS Seqret ([www.ebi.ac.uk/Tools/sfc/emboss\\_seqret/](http://www.ebi.ac.uk/Tools/sfc/emboss_seqret/)) and SURE v1.0 Sequence Unanimity Reformattting tool (<http://midasmap.uaslp.mx/suretool/>).