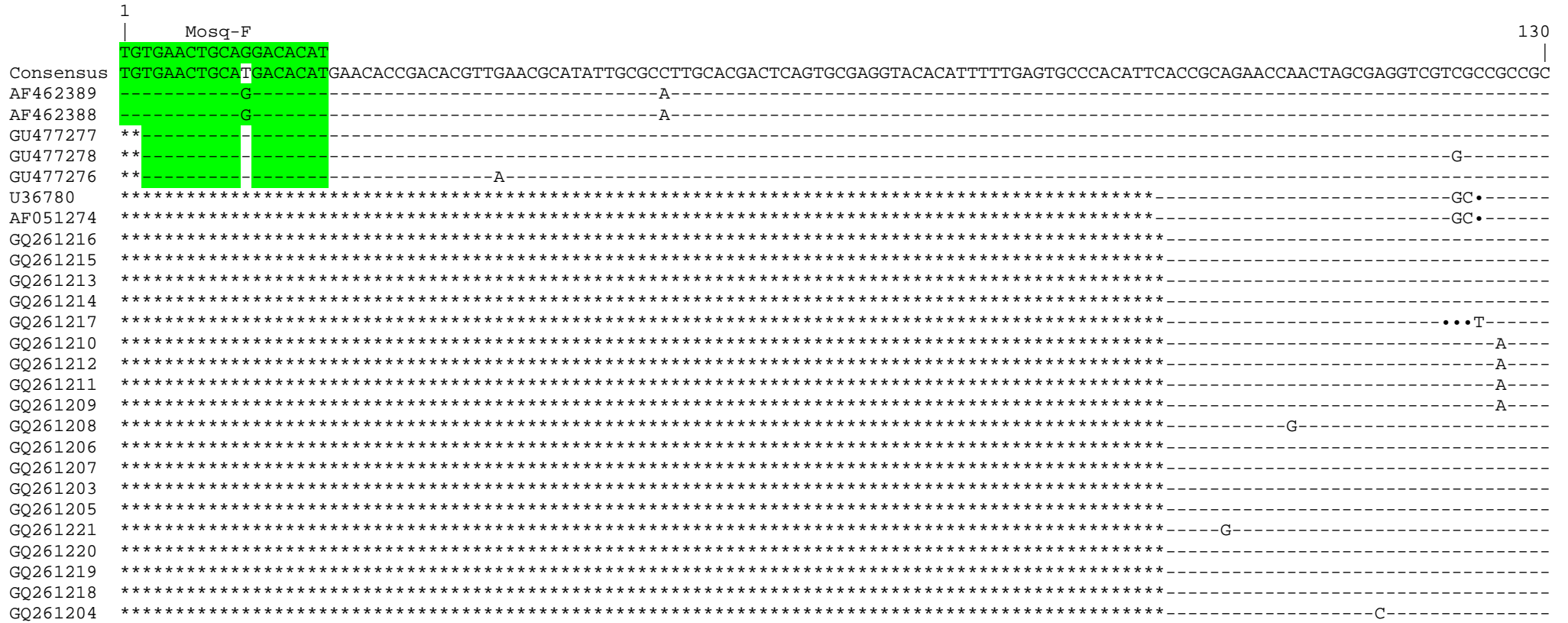




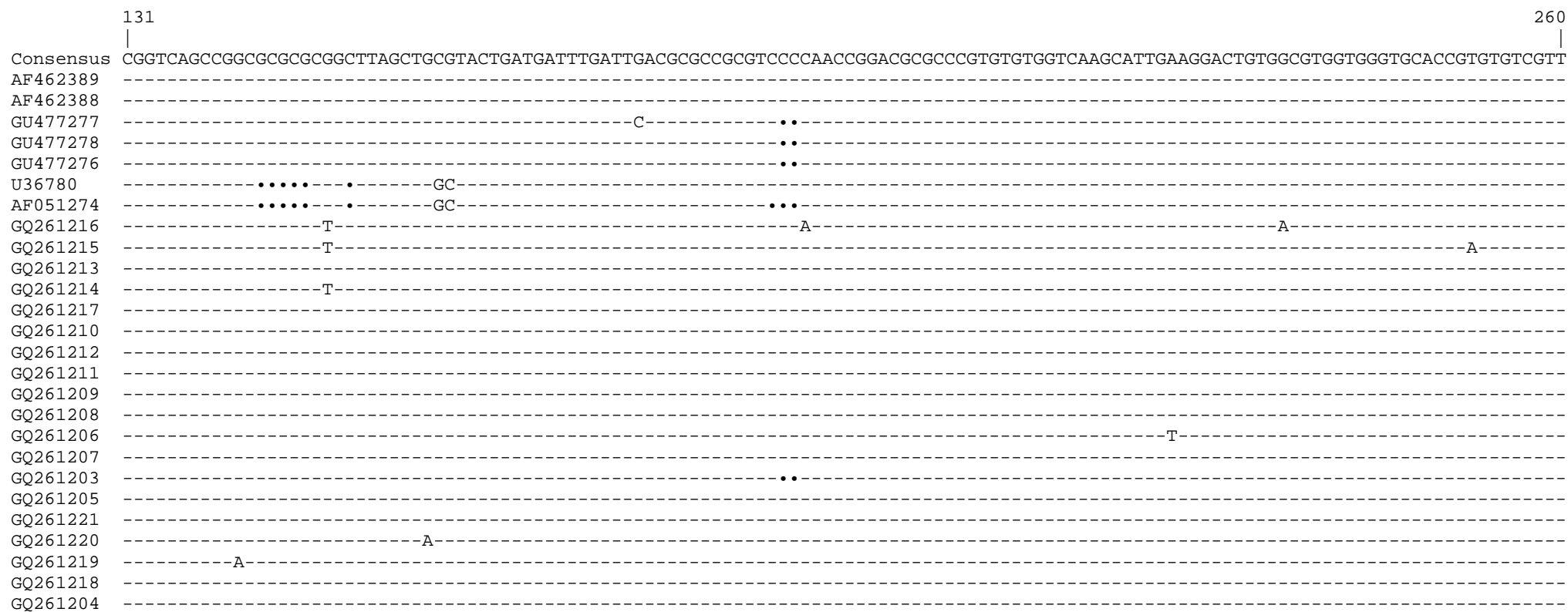
Anopheles darlingi mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map
 Laboratorio de Genómica Viral y Humana, Facultad de Medicina, Universidad Autónoma de San Luis Potosí, México (08/Apr/2022, v4.0)





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	261	390
Consensus	GCTTAATACGCGACCCTCTCTCCGGTTTCACATCTGGAGCGGGCTATCCAGTCACAATCCCCAGCGAAATGTGCCGATACACGGGTAGCCCCGATGTGGAGATCCAAGCGAGGACCTCCCTCAAAACCAT	
AF462389	-----	
AF462388	-----	
GU477277	-----	
GU477278	-----A-----A•-----	
GU477276	-----•-----	
U36780	-----	
AF051274	-----	
GQ261216	-----T-----	-----A-----
GQ261215	-----T-----	-----A-----
GQ261213	-----T-----	-----A-----
GQ261214	-----T-----	-----A-----
GQ261217	-----	
GQ261210	-----C-----	-----
GQ261212	-----C-----	-----
GQ261211	-----	-----A-----
GQ261209	-----	
GQ261208	-----	
GQ261206	-----	
GQ261207	-----	
GQ261203	-----	-----A•-----
GQ261205	-----C-----	-----T-----
GQ261221	-----	
GQ261220	-----	
GQ261219	-----	
GQ261218	-----G-----	-----
GQ261204	-----	



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	391			Mosq-R2	520
Consensus	TGTGATGAAACCCACCACACAAGAGAGAAGAGAGAGAGCGACCAAAGCAACGTTTCGCACGCGCTGTCTAGCTCATCGAGCGGCACACGGATCTAGGAACTAGGATCTCAAGTGGGCCTCAAATA				ATGT
AF462389	-----				ATGT
AF462388	-----				-----
GU477277	-----T-----				-----
GU477278	-----				-----
GU477276	-----				-----
U36780	-----				*****
AF051274	-----				*****
GQ261216	-----				*****
GQ261215	-----				*****
GQ261213	-----				*****
GQ261214	-----				*****
GQ261217	-----				*****
GQ261210	-----G-----T-----				*****
GQ261212	-----T-----				*****
GQ261211	-----T-----				*****
GQ261209	-----T-----				*****
GQ261208	-----T-----				*****
GQ261206	-----T-----				*****
GQ261207	-----T-----				*****
GQ261203	-----				*****
GQ261205	-----				*****
GQ261221	-----				*****
GQ261220	-----				*****
GQ261219	-----				*****
GQ261218	-----				*****
GQ261204	-----				*****



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```
          521                               545
          | Mosq-R2                         |
Consensus GTGACTACCCCTAAA TTTAAGCAT
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  *****
```

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/>).