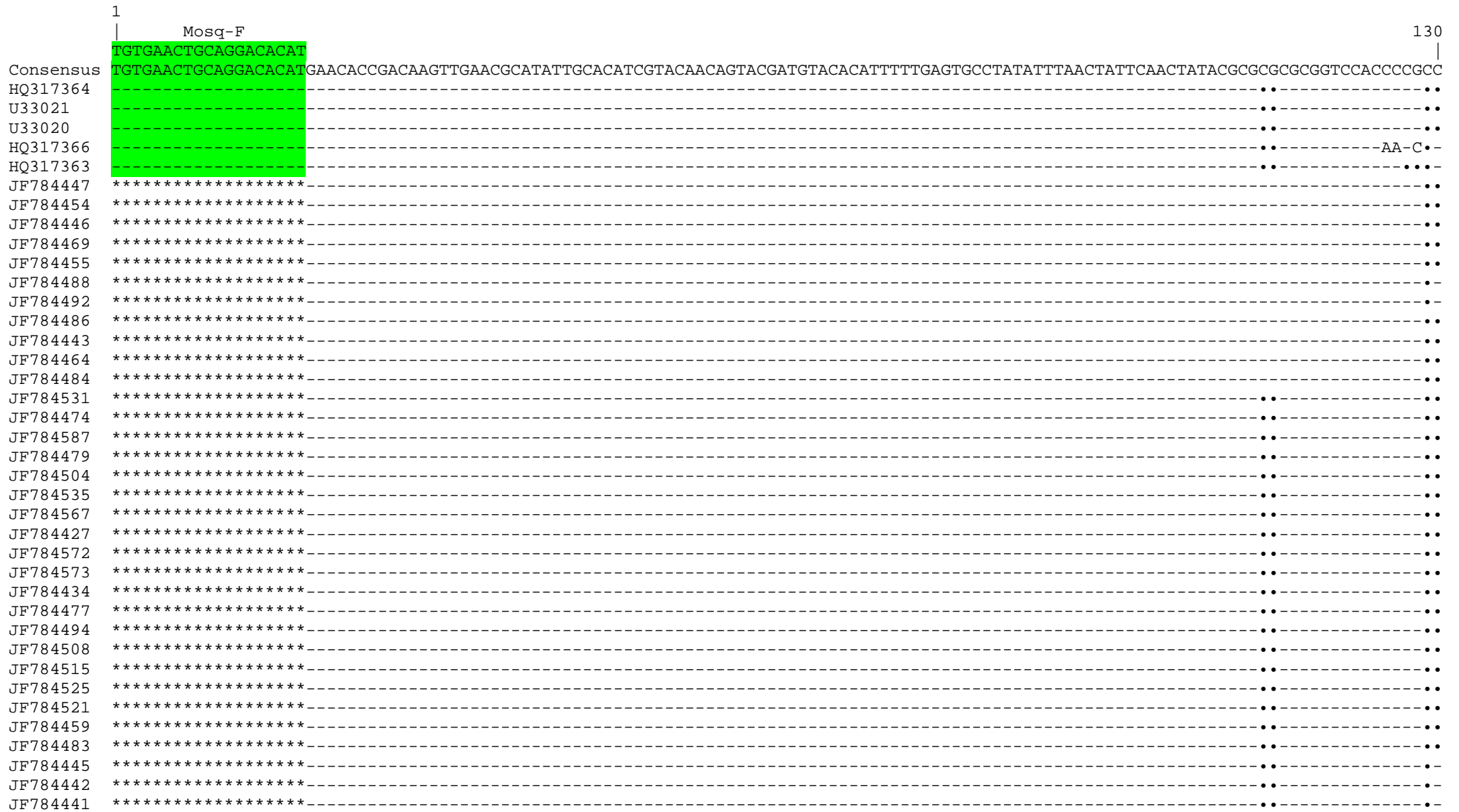




***Culex erraticus* mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map**  
Laboratorio de Genómica Viral y Humana, Facultad de Medicina, Universidad Autónoma de San Luis Potosí, México (08/Apr/2022, v4.0)





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```
JF784449 *****-----G-----.....  
JF784453 *****-----.....  
JF784485 *****-----.....  
JF784444 *****-----.....  
JF784452 *****-----G-----.....  
JF784471 *****-----.....  
JF784476 *****-----G-----.....  
JF784448 *****-----.....  
JF784482 *****-----.....  
JF784552 *****-----.....  
JF784468 *****-----.....  
JF784480 *****-----AA-C.....  
JF784472 *****-----AA-C.....  
JF784545 *****-----.....  
JF784430 *****-----.....  
JF784436 *****-----.....  
JF784435 *****-----.....  
JF784586 *****-----.....  
JF784493 *****-----.....  
JF784523 *****-----T-----.....  
JF784526 *****-----.....  
JF784451 *****-----.....  
JF784460 *****-----.....  
JF784439 *****-----.....  
JF784578 *****-----G-----.....  
JF784539 *****-----.....  
JF784487 *****-----.....  
JF784512 *****-----.....  
JF784514 *****-----.....  
JF784517 *****-----C-----.....  
JF784518 *****-----.....
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**Culex erraticus mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map**

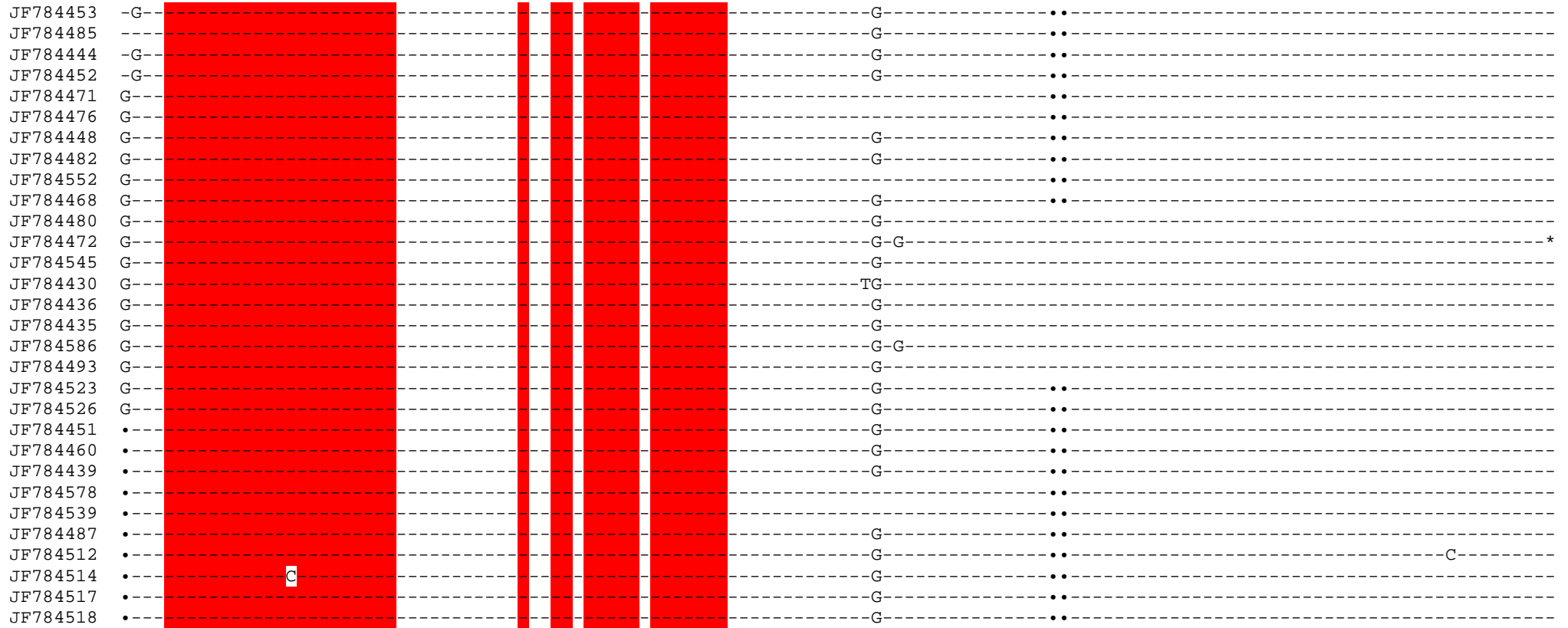
Laboratorio de Genómica Viral y Humana, Facultad de Medicina, Universidad Autónoma de San Luis Potosí, México (08/Apr/2022, v4.0)

	131	Mosq-RAE2	Mosq-RCX	260
Consensus	CCCG	CGTATGCRKVTGAYGTTTTTC	GCTGGCAAACATTCAAGAC	AGTATGAGTACACCCAGTGGCTTGGACTTGG
HQ317364	•---			••---
U33021	•---			••---
U33020	•---			••---
HQ317366	G---			G---
HQ317363	G---			G-G---
JF784447	•---			••---
JF784454	•---			••---
JF784446	•---			••---
JF784469	•---			••---
JF784455	•---			••---
JF784488	---			••---
JF784492	---			••---
JF784486	•---			••---
JF784443	•---			••---
JF784464	•---			••---
JF784484	•---			••---
JF784531	•---			••---
JF784474	•---			••---
JF784587	•---			••-A-
JF784479	•---			••---
JF784504	•---			••---
JF784535	•---			••---
JF784567	•---			••-A-
JF784427	•---			••---
JF784572	•---			••---
JF784573	•---			••---
JF784434	•---			••---
JF784477	•---			••-G-
JF784494	•---			••---
JF784508	•---			••---
JF784515	•---			••-G-
JF784525	•---			••---
JF784521	•---			••---
JF784459	•---			••---
JF784483	•---			••---
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JF784442	---			••---
JF784441	---			••---
JF784449	---			••---



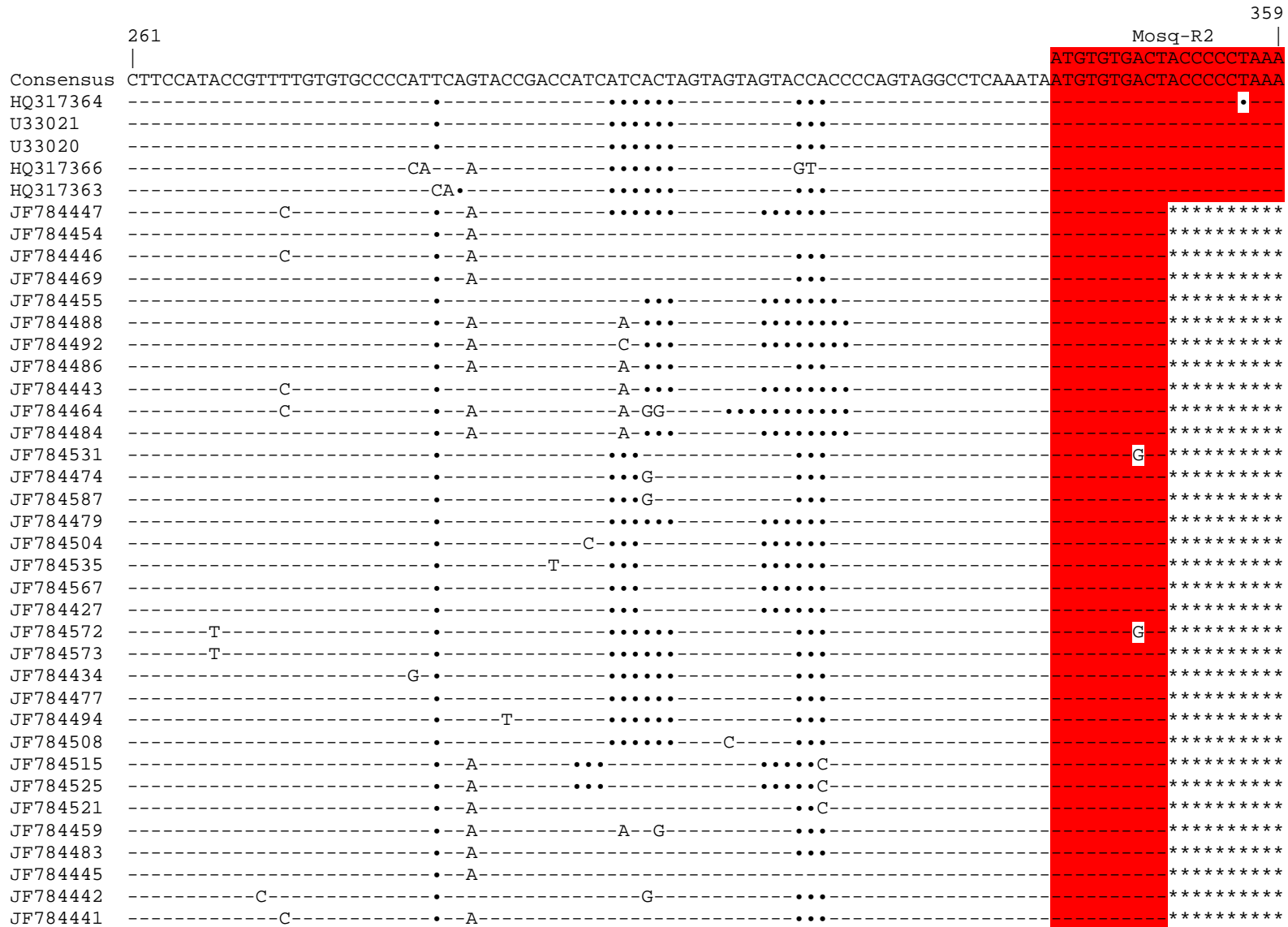
# *Culex erraticus* mosquito rRNA gene internal transcribed spacer 2 (ITS2) unanimity alignment & molecular taxonomy primer map

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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**Culex erraticus** 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)

```

JF784449 -----C----- •-A----- •••••----- *****
JF784453 ----- •-A----- •••••----- *****
JF784485 ----- •-A----- •••••----- *****
JF784444 ----- •••••----- •••••----- *****
JF784452 ----- •••••----- •••••----- *****
JF784471 ----- •-CT•••••----- •••••----- *****
JF784476 ----- •-CT•••••----- •••••----- *****
JF784448 -----C----- •-A-----A- •••••----- *****
JF784482 ----- •-A-----A- •••••----- *****
JF784552 ----- •-A-----A- •••••----- *****
JF784468 ----- •-A-----A- •••••----- *****
JF784480 -----C-----C• ••••----- •••••----- *****
JF784472 *****
JF784545 ----- CA•••••----- •••••----- *****
JF784430 ----- CA•••••----- •••••----- *****
JF784436 ----- CA•••••----- •••••-----C----- *****
JF784435 ----- CA•••••----- •••••----- *****
JF784586 ----- CA•••••----- •••••----- *****
JF784493 ----- CA•••••----- •••••----- *****
JF784523 -C----- CA•••••----- •••••----- *****
JF784526 ----- CA•••••----- •••••----- *****
JF784451 ----- CA•-----G----- •••••----- *****
JF784460 ----- -C----- CA•••••----- •••••----- *****
JF784439 ----- CA•••••----- •••••----- *****
JF784578 ----- CA•••••----- •••••----- *****
JF784539 ----- CA•••••----- •••••----- *****
JF784487 ----- CA•A----- •••••----- •••••----- *****
JF784512 ----- CA•••••----- •••••----- *****
JF784514 ----- CA•••••----- •••••----- *****
JF784517 ----- CA•••••----- •••••----- *****
JF784518 ----- CA•••••----- •••••----- *****
  
```

Alignments prepared using ElimDupes ([www.hiv.lanl.gov/content/sequence/elimdupesv2/elimdupes.html](http://www.hiv.lanl.gov/content/sequence/elimdupesv2/elimdupes.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 Reformatting tool (<http://midasmap.uaslp.mx/suretool/>).