

Methods and Tools ▼

Blog

COVID-19

Job Queue

<u>Usage statistics</u>

API ▼

Citations

<u>Help</u>

URL: https://www.datamonkey.org/meme/5e6ed47bf2d22859c6422054

Classic

Mixed Effects Model of Evolution results summary

INPUT DATA | 5e6ed47bf2d22859c6422054 | 44 sequences **561** sites **≛** Export ▼

1

MEME found evidence of

• episodic positive/diversifying selection at 2 sites

with p-value threshold of 0.05

See **here** for more information about the MEME method.

Please cite **PMID 22807683** if you use this result in a publication, presentation, or other scientific work.

MEME Table

Sites that yielded a statistically significant result are highlighted in green.

Showing entries 1 through 20 out of 561.

« | < | > | »

閻 Export Table to CSV

| Site \$ | Partition \$ | α \$ | β- \$ | p- \$ | β⁺ ♦ | p ⁺ ♦ | LRT \$ | p- value \$ | # branches under selection \$ | Total branch length \$ | MEME LogL \$ | FEL LogL \$ |
|-------------------|-------------------------------|----------------|-------|-------|-------|---------------------|--------|-------------------|-------------------------------|----------------------------------|------------------------|----------------|
| 1 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 1 | 1.02 | 0.00 | 1.00 | 0.52 | 0.00 | 0.00 | 0.67 | 0.00 | 0.17 | -9.53 | -9.53 |
| 3 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 1 | 1.65 | 0.00 | 1.00 | 0.73 | 0.00 | 0.00 | 0.67 | 0.00 | 0.27 | -12.61 | -12.61 |
| | | | | | | | | | | | | |
| 9 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1 | 0.78 | 0.33 | 0.94 | 0.50 | 0.06 | 0.00 | 0.67 | 0.00 | 0.24 | -15.98 | -15.98 |
| 11 | 1 | 1.02 | 0.00 | 1.00 | 0.52 | 0.00 | 0.00 | 0.67 | 0.00 | 0.17 | -9.22 | -9.22 |
| 12 | 1 | 3.89 | 0.00 | 1.00 | 0.68 | 0.00 | 0.00 | 0.67 | 0.00 | 0.63 | -16.67 | -16.67 |
| 13 | 1 | 0.00 | 0.00 | 0.98 | 44.26 | 0.02 | 1.72 | 0.21 | 1.00 | 0.35 | -11.38 | -10.87 |
| 14 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 1 | 0.71 | 0.00 | 1.00 | 0.35 | 0.00 | 0.00 | 0.67 | 0.00 | 0.12 | -9.57 | -9.57 |
| 16 | 1 | 2.58 | 0.00 | 1.00 | 0.83 | 0.00 | 0.00 | 0.67 | 0.00 | 0.42 | -14.99 | -14.99 |
| 17 | 1 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 15.0.447 F0 1000 F0 0 4000 F1 | | | | | | | | | | | |

Methods and Tools ▼ <u>Job Queue</u>

Blog

COVID-19

<u> 305 Queue</u>

Classic

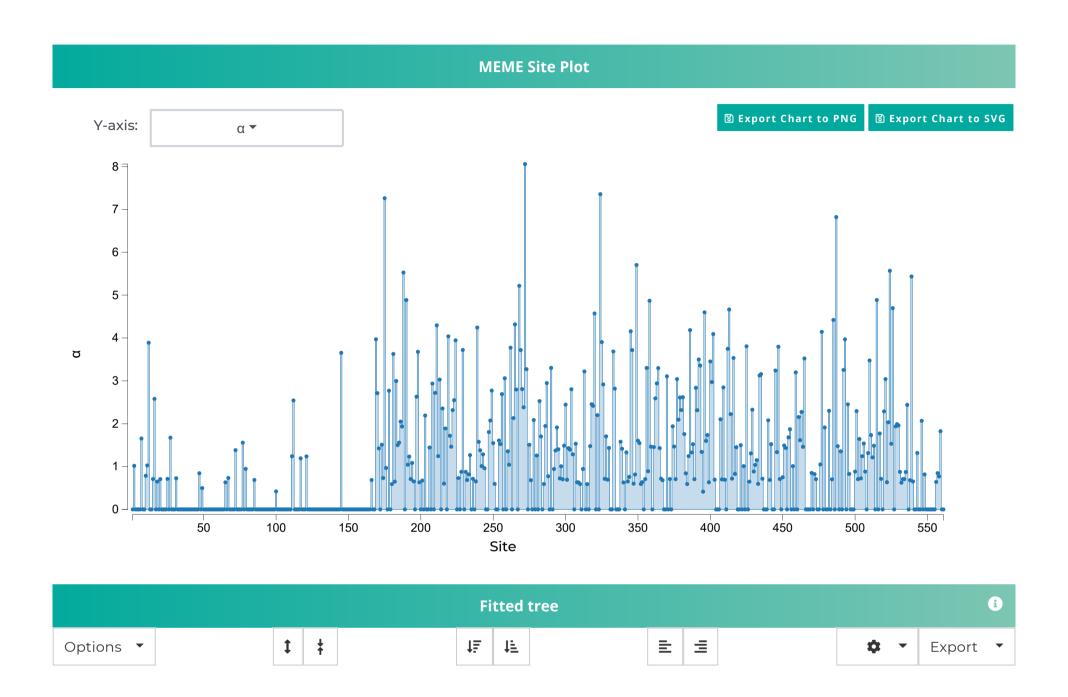
<u>Usage statistics</u>

API ▼

Citations

<u>Help</u>





Methods and Tools ▼

Job Queue

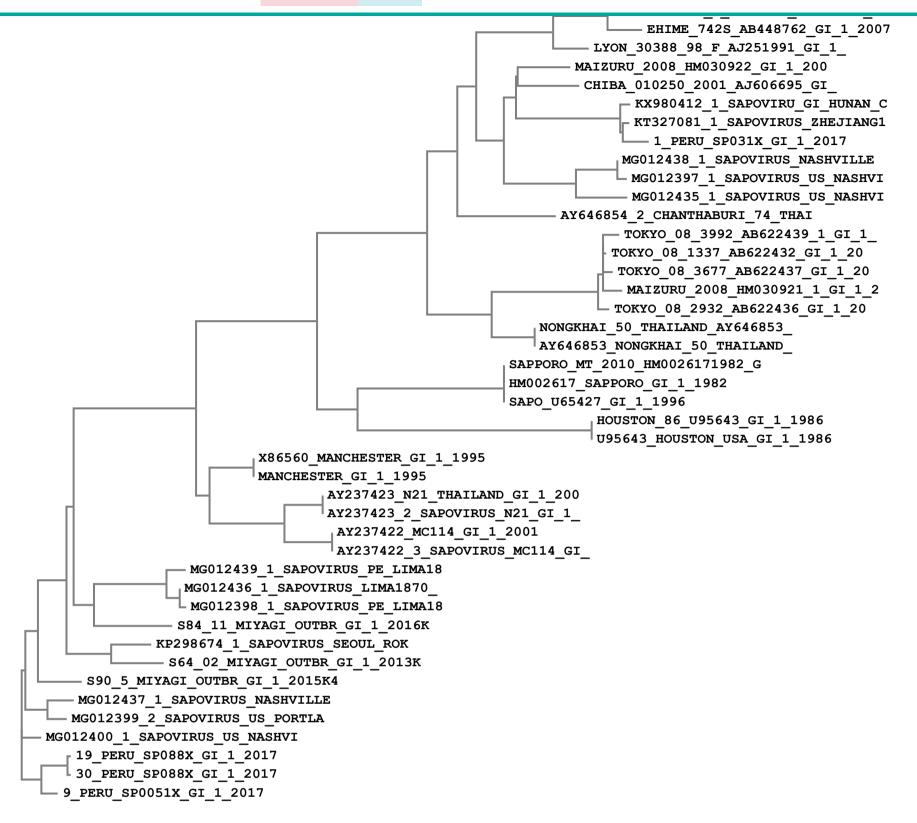
<u>Usage statistics</u>

API ▼

<u>Citations</u>

<u>Help</u>

COVID-19 **Classic** Blog



MEME Branch EBF Table

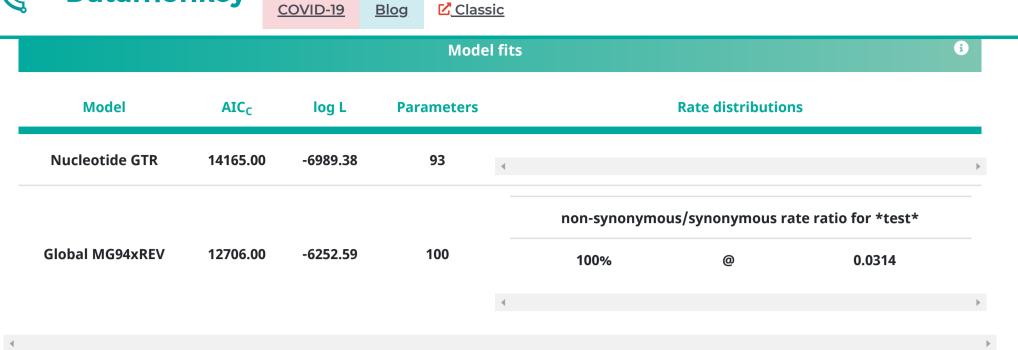
Showing entries 1 through 10 out of 27710.

< > **>>** **閻** Export Table to CSV

| Site \$ | Partition \$ | Branch | EBF ♦ |
|---------|--------------|---------------------------|--------------|
| 10 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 100 | 0 | 19_PERU_SP088X_GI_1_2017 | 0.04 |
| 105 | 0 | 19_PERU_SP088X_GI_1_2017 | 0.52 |
| 11 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 111 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 112 | 0 | 19_PERU_SP088X_GI_1_2017 | 0.38 |
| 117 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 12 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 121 | 0 | 19_PERU_SP088X_GI_1_2017 | 1 |
| 42 | ^ | 40 DEDIT CD000V CT 4 2047 | 0.00 |







This table reports a statistical summary of the models fit to the data. Here, **MG94** refers to the MG94xREV baseline model that infers a single ω rate category per branch.

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