FEL on internal branches of Spike finds most selected sites

| Codo | n Partitio | n alpha | beta | LRT | Selection detected? |
|------|--------------|-----------|--------|-------|---------------------|
| 1 | 1 | 10000.000 | 0.075 | 1.004 | Neg. p = 0.0099 |
| 5 | 1 | 0.000 | 19.044 | 2.890 | Pos. $p = 0.0297$ |
| 12 | 2 1 | 0.000 | 20.323 | 2.989 | Pos. $p = 0.0297$ |
| 13 | 1 | 0.000 | 23.877 | 2.589 | Pos. $p = 0.0396$ |
| 18 | 1 | 0.000 | 19.110 | 2.885 | Pos. $p = 0.0396$ |
| 49 | 1 | 0.000 | 22.768 | 2.519 | Pos. $p = 0.0594$ |
| 69 | 1 | 0.000 | 22.573 | 2.464 | Pos. $p = 0.0396$ |
| 138 | 3 1 | 0.000 | 26.821 | 2.736 | Pos. $p = 0.0693$ |
| 177 | 1 | 10000.000 | 0.000 | 1.187 | Neg. $p = 0.0099$ |
| 245 | 1 | 0.000 | 22.499 | 2.501 | Pos. $p = 0.0792$ |
| 367 | ' 1 | 0.000 | 44.535 | 9.044 | Pos. $p = 0.0099$ |
| 439 | 1 | 0.000 | 34.481 | 4.986 | Pos. $p = 0.0099$ |
| 452 | 2 1 | 0.000 | 30.321 | 5.518 | Pos. $p = 0.0099$ |
| 477 | ' 1 | 0.000 | 23.678 | 4.325 | Pos. $p = 0.0297$ |
| 501 | . 1 | 0.000 | 38.373 | 3.317 | Pos. $p = 0.0297$ |
| 570 |) 1 | 0.000 | 21.039 | 3.047 | Pos. $p = 0.0594$ |
| 614 | 1 | 0.000 | 22.215 | 3.099 | Pos. $p = 0.0594$ |
| 681 | . 1 | 0.000 | 18.344 | 2.819 | Pos. $p = 0.0297$ |
| 701 | . 1 | 0.000 | 20.245 | 1.998 | Pos. $p = 0.0792$ |
| 716 | | 0.000 | 25.450 | 2.349 | Pos. $p = 0.0792$ |
| 769 | 1 | 0.000 | 28.107 | 2.470 | Pos. $p = 0.0693$ |
| 854 | 1 | 0.000 | 25.908 | 2.506 | Pos. $p = 0.0495$ |
| 941 | . 1 | 0.000 | 25.251 | 2.344 | Pos. $p = 0.0891$ |
| 111 | .8 1 | 3.081 | 27.290 | 2.023 | Pos. $p = 0.0495$ |
| 117 | 76 1 | 0.000 | 22.141 | 3.039 | Pos. $p = 0.0297$ |
| 123 | 37 1 | 10000.000 | 0.151 | 0.876 | Neg. $p = 0.0099$ |
| 124 | 8 1 | 0.000 | 20.075 | 2.336 | Pos. $p = 0.0891$ |

CAUTION: A VERY TIME CONSUMING ANALYSIS (SEVERAL HOURS)

hyphy fel --alignment data/spike.fas --tree data/spike.tree --branches Internal --output Spike-pbs.FEL.json --resample 100

