

Information content of the alignments

| | <u>WNV NS3</u> | <u>HIV-1 <i>env</i></u> | <u>SARS-CoV-2 spike</u> |
|---|----------------|-------------------------|-------------------------|
| Sequences | 19 | 16 | 118 |
| Codons | 619 | 288 | 1273 |
| Tree Length <i>MG94 model, subs/site</i> | 0.67 | 0.20 | 0.134 |

How do you expect the measure to correlate with the ability to detect selection?

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