Visualizations of original ISMs

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Figure A Major subtypes in countries/regions with the most sequences (indicating date subtype was first sequenced in that country/region). Subtypes with less than 5% abundance are plotted as “OTHER”. The raw counts for all ISMs in each country/region, as well as the date each ISM was first found in a sequence in that country/region

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Figure B: Viral subtype distribution in the United States, showing the 25 states with the most sequence submissions. Subtypes with less than 5% abundance are plotted as Other. The raw counts for all ISMs in each state, as well as the date each ISM was first found in a sequence in that state.

Figure C: Relative abundance in other countries of the second-most abundant subtype in Italy, TCACCTGTCACAGGTAAC (left) and most abundant subtype in Italy TCACCTGTCACAGGTTGGG (right).
Figure D Relative abundance (%) of ISMs in DNA sequences from USA as sampled over time.

Figure E Relative abundance (%) of ISMs in DNA sequences from USA as sampled over time.

Figure F Relative abundance (%) of ISMs in DNA sequences from Australia as sampled over time.
**Figure G** Relative abundance (%) of ISMs in DNA sequences from Canada as sampled over time.

**Figure H** Relative abundance (%) of ISMs in DNA sequences from Mainland China as sampled over time.

**Figure I** Relative abundance (%) of ISMs in DNA sequences from Netherlands as sampled over time.
Figure G Relative abundance (%) of ISMs in DNA sequences from Spain as sampled over time.