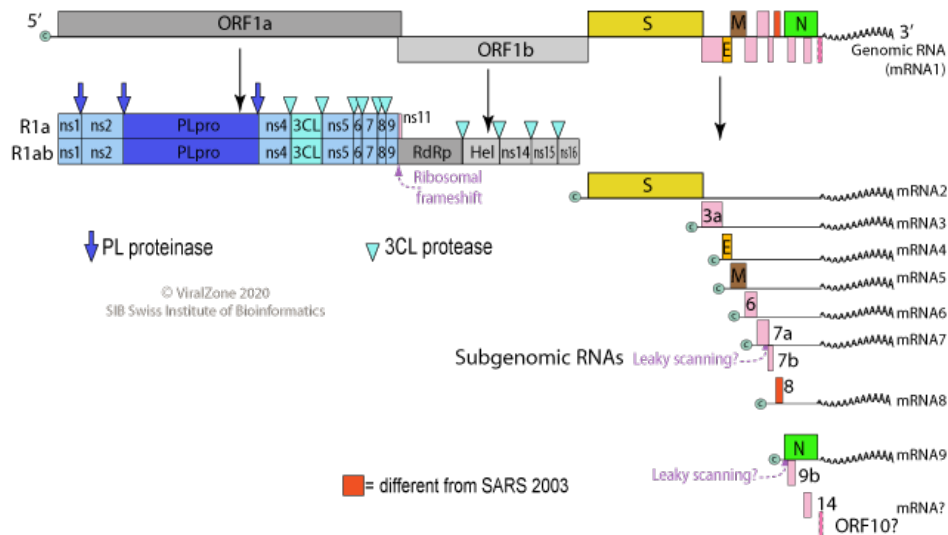


## CORONAVIRUS RESOURCES

- Taxonomy:
  - Genomic structure: Baltimore Class IV ss(+)RNA genome (~30kb monopartite)
  - Virion morphology: enveloped with helical capsid morphology
  - Order: Nidovirales / Family Coronaviridae / Genus: Betacoronavirus



- Nature: When will the coronavirus outbreak peak? (2.18.20)
  - <https://www.nature.com/articles/d41586-020-00361-5>
- Fresh Air Interview with Science Journalist, David Quammen (2.5.20)
  - <https://www.npr.org/transcripts/802938289>
- Coronavirus CoVID-19 Global Cases by Johns Hopkins CSSE:
  - <https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>
  - 2/27/20 - Total Confirmed: 83,391 / Total Deaths: 2,858 / Total Recovered: 36,598
  - Fatality rate estimated: 2-4% (compare to influenza fatality rate of ~0.1%)

<b>78,824</b> Mainland China	<b>25</b> Spain	<b>3</b> Croatia	<b>1</b> Algeria
<b>2,022</b> South Korea	<b>23</b> Australia	<b>3</b> Austria	<b>1</b> Belgium
<b>705</b> Others	<b>23</b> Malaysia	<b>3</b> Greece	<b>1</b> San Marino
<b>655</b> Italy	<b>19</b> United Arab Emirates	<b>2</b> Finland	<b>1</b> Netherlands
<b>270</b> Iran	<b>16</b> Vietnam	<b>2</b> Russia	<b>1</b> Denmark
<b>214</b> Japan	<b>16</b> UK	<b>2</b> Pakistan	<b>1</b> North Macedonia
<b>93</b> Singapore	<b>14</b> Canada	<b>2</b> Lebanon	<b>1</b> Belarus
<b>93</b> Hong Kong	<b>10</b> Macau	<b>1</b> Afghanistan	<b>1</b> New Zealand
<b>60</b> USA (not 15)	<b>8</b> Switzerland	<b>1</b> Nepal	<b>1</b> Brazil
<b>48</b> Germany	<b>7</b> Sweden	<b>1</b> Lithuania	<b>1</b> Romania
<b>43</b> Kuwait	<b>7</b> Iraq	<b>1</b> Cambodia	<b>1</b> Estonia
<b>40</b> Thailand	<b>4</b> Oman	<b>1</b> Georgia	<b>1</b> Egypt
<b>38</b> France	<b>3</b> Israel	<b>1</b> North Ireland	<b>1</b> Sri Lanka
<b>34</b> Taiwan	<b>3</b> India	<b>1</b> Nigeria	
<b>33</b> Bahrain	<b>3</b> Philippines	<b>1</b> Norway	