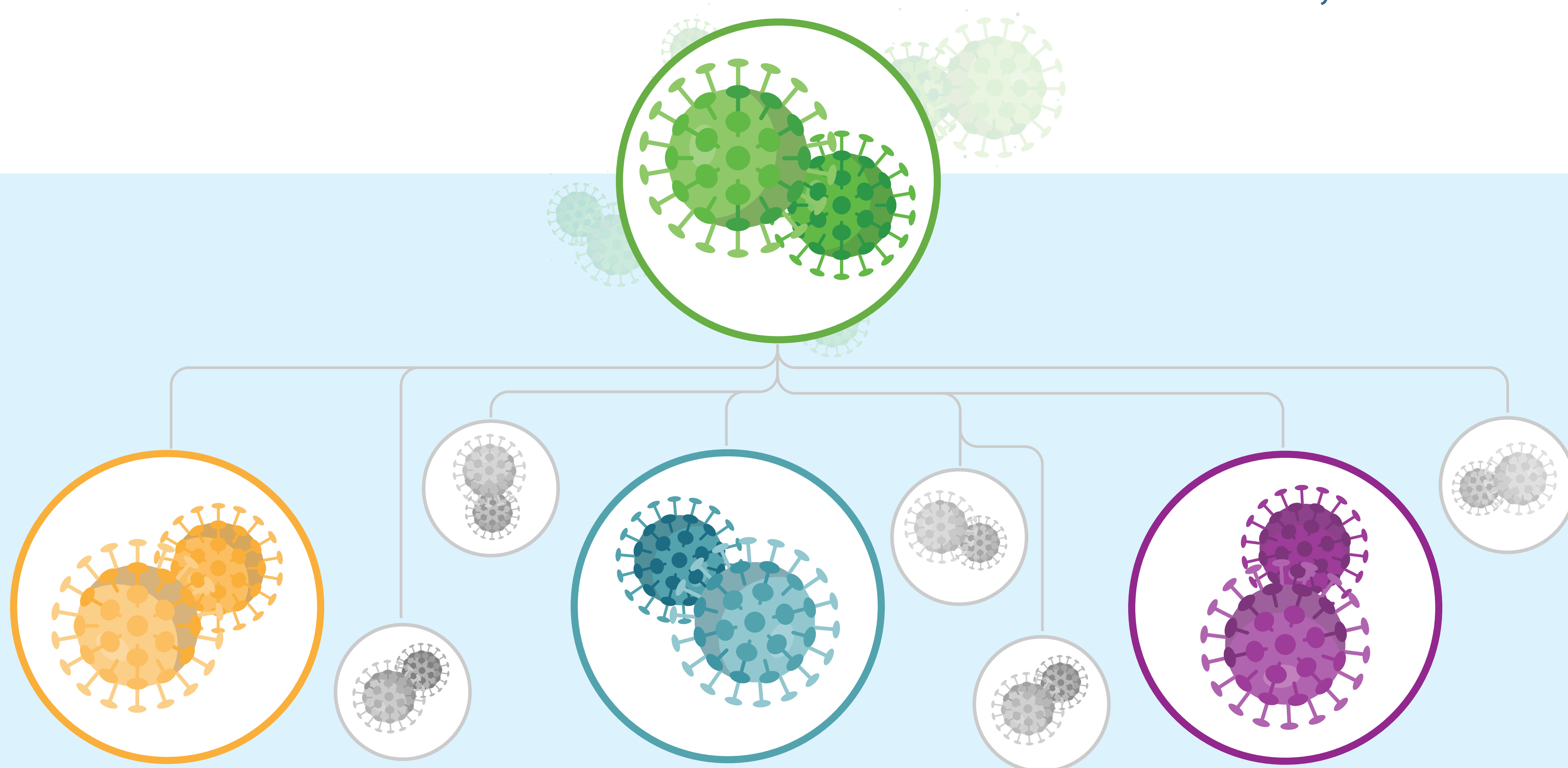


# Mutation of SARS-CoV-2: current variants of concern

8 February 2021

Mutations of SARS-CoV-2 that cause COVID-19 have been observed globally. Viruses, in particular RNA viruses such as coronaviruses, constantly evolve through mutations, and while most will not have a significant impact, some mutations may provide the virus with a selective advantage such as increased transmissibility. Such mutations are cause for concern and need to be monitored closely.



**Name:** VOC 202012/01

**Lineage:** B.1.1.7

**First detected:** Sept 2020

**Country of first detection:**  
United Kingdom

**First detected in EU/EEA:**  
9 Nov 2020

**Concern:**  
increased transmissibility  
and possible increased  
severity

**Name:** 501 Y.V2

**Lineage:** B.1.351

**First detected:** Oct 2020

**Country of first detection:**  
South Africa

**First detected in EU/EEA:**  
28 Dec 2020

**Concern:**  
increased transmissibility  
and possible reduction of  
vaccine effectiveness

**Name:** P.1

**Lineage:** P.1

**First detected:** Dec 2020

**Country of first detection:**  
Brazil

**First detected in EU/EEA:**  
12 Jan 2021

**Concern:**  
increased transmissibility  
and possible reduction of  
vaccine effectiveness

#COVID19

Learn more in the latest risk assessment by ECDC on SARS-CoV-2 variants of concern <http://bit.ly/RRAVariants1>