



Variants SARS-CoV-2

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Dénomination internationale de la surveillance des variants SARS-CoV-2 :

- Virus Of Concern = VOC
- Virus Under Investigation = VUI
- Virus Under Surveillance = VUS

Liens :

PHE UK - Variants: distribution of cases data (MAJ 25/02/2021)

<https://www.gov.uk/government/publications/covid-19-variants-genomically-confirmed-case-numbers/variants-distribution-of-cases-data>

eCDC - Infographic: Mutation of SARS-CoV2 - current variants of concern (MAJ 08/02/2021)

<https://www.ecdc.europa.eu/en/publications-data/covid-19-infographic-mutations-current-variants-concern>

CDC - About Variants of the Virus that Causes COVID-19 (MAJ 12/02/2021)

<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant.html>

CDC - Emerging SARS-CoV-2 Variants (MAJ 28/01/2021)

<https://www.cdc.gov/coronavirus/2019-ncov/more/science-and-research/scientific-brief-emerging-variants.html>

CDC - SARS-CoV-2 Variants (MAJ 31/01/2021)

<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html>

PANGO lineages :

<https://cov-lineages.org/index.html>

Tableau reprenant les différents virus surveillés avec leurs dénominations, leurs caractéristiques sur la base d'un séquençage du gène S (spicule) – MAJ 28/02/2021

Position (aa) sur S	501Y.V1 (B1.1.7)	501Y.V2 (B1.351)	501Y.V3 (P.1)	452R.V1 (B.1.429)	B1.525	20A.EU2	19B/501T (A28)	19B/501Y = HMN.19B (A27)	V2 UK (A23.1) + 484K	P2-Brésil (B1.1.28)	New York (B.1.526)	Nigeria (B1.1.318)
L5F											F	
S13I				I								
L18F		(F)	F					F				
T20N			N									
P26S			S									
Q52R					R							
del HV 69-70	Del 69-70						Del 69-70					
D80A		A										
T95I											I	I
R102I									I			
D138Y			Y									
del YY 144-145	Del 144-145											del
W152C				(C)								
F157L									L			
R190S			S					(S)				
D215G		G										
del LAL 242-244		Del 242-244										
D253G											G	
V367F									F			
K417N/T		N	T									
L452R				R				R				
S477N						N					N	
E484K	(K)	K	K		K				(K)*	K	K	K
N501Y/T	Y	Y	Y				T	Y				
A570D	D											
Q613H									H			
D614G	G	G	G	G						G	G	G
A653V								V				
H655Y	(Y)		Y				Y	Y				
Q677H					H			(H)				
P681H/R	H								R			H
A701V		V									V	
T716I	I											
D796Y/H								Y				H
F888L					L							
S982A	A											
T1027I			I									
D1118H	H											
V1176F			F							F		
I1183V								(V)				
G1219V								V				

Mutation (X) inconstante