


# Modified SARS-CoV-2 synthetic genome, South African variant B.1.351

## Specification sheet

<b>Catalog number</b>	SC2-FLSG-111M
<b>Description</b>	Modified SARS-CoV-2 synthetic genome, SA variant B.1.351
<b>Length</b>	~30 kbp
<b>Cloning vector</b>	BAC
<b>Yield</b>	5 µg (5,000 ng)
<b>Concentration</b>	50 ng/µL
<b>Volume</b>	100 µL
<b>Package contents</b>	One vial of synthetic DNA in a Tris/EDTA solution
<b>Package format</b>	
<b>Shipping conditions</b>	-20 °C (dry ice)
<b>Storage conditions</b>	-20 °C
<b>Intended use</b>	Research use only

Specifications are subject to change.

## South African variant — B.1.351

IVT-ready material

<b>ORF1ab</b>	C1059T	T265I
	G5230T	K1655N
	A10323G	K3353R
	del11288-11296	delSGK (3675–3677)
	A2801C	D60A
	A22206G	D215G
<b>Spike</b>	G22813T	K417N
	G23012A	E484K
	A23063T	N501Y
	C23664T	A701V
		D614G
<b>ORF3a</b>	G25563T	Q57H
	C25904T	S17L
<b>E</b>	C26456T	P71L
<b>N</b>	C28887T	T205I