


Modified SARS-CoV-2 synthetic genome, UK variant B.1.1.7

Specification sheet

Catalog number	SC2-FLSG-111M
Description	Modified SARS-CoV-2 synthetic genome, UK variant B.1.1.7
Length	~30 kbp
Cloning vector	BAC
Yield	5 µg (5,000 ng)
Concentration	50 ng/µL
Volume	100 µL
Package contents	One vial of synthetic DNA in a Tris/EDTA solution
Package format	
Shipping conditions	-20 °C (dry ice)
Storage conditions	-20 °C
Intended use	Research use only

Specifications are subject to change.

UK variant — B.1.1.7

Two versions of this genome are available: **IVT-ready material** and **transfection-ready material**

ORF1ab	C3267T	T1001I
	C5388A	A1708D
	T6954C	I1130T
	del11288-11296	delSGK (3675–3677)
	del21765-21770	delHV (69–70)
	del21991–21993	del Y144
Spike	A23063T	N501Y
	C237aA	A570D
	C23604A	P681H
	C23709T	T716I
	T24506G	S982A
	G24914C	D1118H
ORF8		D614G
	C27972T	Q27Stop
	G28048T	R52I
	A28111G	Y73C
N	28280 GAT→CTA	D3L
	C28977	S235F