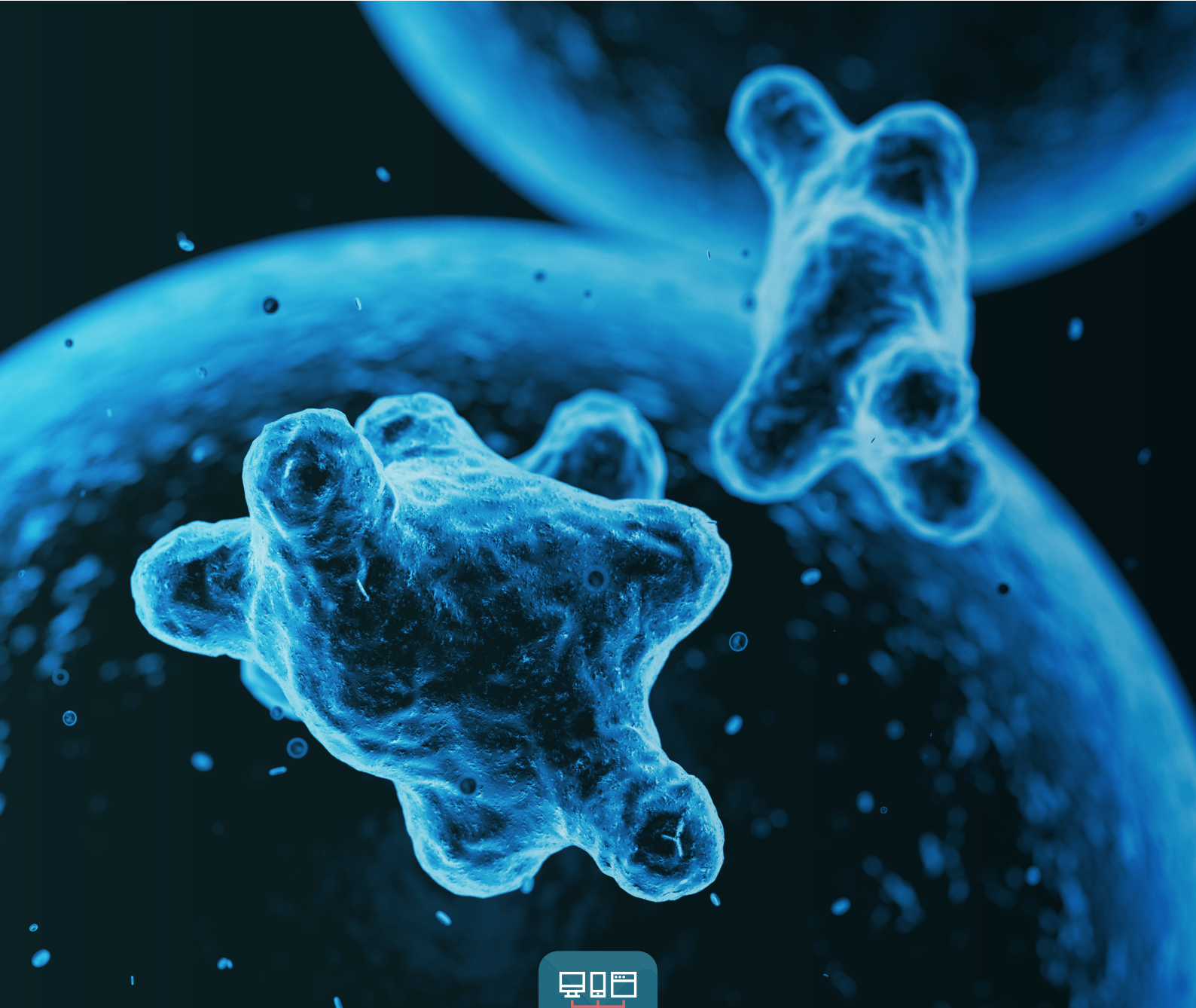




# EXATYPE™

Exatype HIV  
Proviral genotyping  
solution



## Exatype HIV Proviral genotyping solution

Testing proviral DNA for drug resistance assists in the selection of drug regimens that are better-tolerated in treatment-experienced people, while ensuring these don't lead to virologic rebound.

# Exatype features



Filters and removes false variants from provirus that is rendered inactive due to APOBEC hypermutation or large internal deletions



Requires no expert training or lengthy installation processes



Easily scaled with parallel processing in the cloud or through direct integration with sequencers and/or LIMS



Secure; adheres to HIPAA and GDPR protocols



Compatible with Illumina, IonTorrent and Oxford Nanopore sequencing platforms



Uses algorithms with proven accuracy in variant calling in viral data

Analysing your data is simple  
and completed in a few easy steps.

A drug-resistance report is produced for each sample.

## How to get in touch

Contact us at [info@hyraxbio.com](mailto:info@hyraxbio.com) to discuss how we can provide companion software for your needs



Job name: **Sample Report**

Sample ID: **1bb3ff1e-f76b-412b-b1b5-44349382fa5c**

Date: **July 10, 2021**

Sequencing platform: **Illumina**

exatype™ v2.4.5

Resistance Algorithm: Stanford v7.0

DRM Prevalence Cutoff: 3 %

● Susceptible    
 ● Intermediate    
 ● Resistant    
 ● Low Coverage

DRUG CLASS	DRUG	CALL <sup>1</sup>	DRMS ≥ 3 % PREVALENCE
NRTI	3TC	I	[RT] M41L, [RT] Q151M, [RT] L210W
	ABC	R	
	AZT	R	
	D4T	R	
	DDI	R	
	FTC	I	
	TDF	I	
NNRTI	EFV	S	
	ETR	S	
	NVP	S	
	RPV	S	
PI	ATV/r	I	[PR] M46I, [PR] L90M
	DRV/r	S	
	FPV/r	I	
	IDV/r	I	
	LPV/r	I	
	NFV	R	
	SQV/r	I	
	TPV/r	S	
INI	DTG	S	[IN] T66A, [IN] N155H
	EVG	R	
	RAL	R	

Example of an Exatype HIV drug-resistance report

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