

Drug resistance interpretation: PR

HIVDB 9.5.1 (2023-11-05)

PI Major Mutations:	None
PI Accessory Mutations:	None
PR Other Mutations:	K14R 99% <small>seen:1,142</small> • E33D 100% <small>seen:0,804</small> • M36I 100% <small>seen:0,823</small> • R41K 99% <small>seen:0,327</small> • R57K 99% <small>seen:0,034</small> • H69K 99% <small>seen:0,790</small> • L89M 100% <small>seen:1,023</small>

Protease Inhibitors

atazanavir/r (ATV/r)	Susceptible
darunavir/r (DRV/r)	Susceptible
fosamprenavir/r (FPV/r)	Susceptible
indinavir/r (IDV/r)	Susceptible
lopinavir/r (LPV/r)	Susceptible
nelfinavir (NFV)	Susceptible
saquinavir/r (SQV/r)	Susceptible
tipranavir/r (TPV/r)	Susceptible

Mutation scoring: PR	HIVDB 9.5.1 (2023-11-05)
No drug resistance mutations were found for PI.	

Drug resistance interpretation: RT

HIVDB 9.5.1 (2023-11-05)

NRTI Mutations:

None

NNRTI Mutations:

K103N 94%
seen:1,207

RT Other Mutations:

K11T 98%
seen:0,011 • K20R 98%
seen:1,808 • V21I 98%
seen:1,808 • V35T 98%
seen:0,387 • T39K 98%
seen:1,833 • K122E 100%
seen:0,728 • D123N 100%
seen:0,124 • T165T 91.18%
seen:0,001 • K173A 98%
seen:1,733 • Q174K 95%
seen:1,733 • D177E 98%
seen:1,808 • V179I 95%
seen:0,803 • T200TA 91.77%
seen:0,001 • I202V 100%
seen:1,002 • Q207A 100%
seen:1,002 • R211NS 91.84%
seen:1,001 • V243Q 98%
seen:0,034 • E248D 98%
seen:0,001 • A554S 98%
seen:0,001

Nucleoside Reverse Transcriptase Inhibitors

abacavir (ABC)

Susceptible

zidovudine (AZT)

Susceptible

stavudine (D4T)

Susceptible

didanosine (DDI)

Susceptible

emtricitabine (FTC)

Susceptible

lamivudine (3TC)

Susceptible

tenofovir (TDF)

Susceptible

Non-nucleoside Reverse Transcriptase Inhibitors

doravirine (DOR)

Susceptible

efavirenz (EFV)

High-Level Resistance

etravirine (ETR)

Susceptible

nevirapine (NVP)

High-Level Resistance

rilpivirine (RPV)

Susceptible

RT comments
NNRTI
<ul style="list-style-type: none">K103N is a non-polymorphic mutation that confers high-level reductions in NVP and EFV susceptibility. It is the most commonly transmitted DRM.
Other
<ul style="list-style-type: none">V179I is a polymorphic mutation that is frequently selected in persons receiving ETR and RPV. However, it has little, if any, direct effect on NNRTI susceptibility.

Mutation scoring: RT	HIVDB 9.5.1 (2023-11-05)
No drug resistance mutations were found for NRTI.	

Drug resistance mutation scores of NNRTI:					Download CSV	▼
Rule	DOR ⚡	EFV ⚡	ETR ⚡	NVP ⚡	RPV ⚡	
K103N	0	60	0	60	0	

Drug resistance interpretation: IN		HIVDB 9.5.1 (2023-11-05)
NSTI Major Mutations:	None	
NSTI Accessory Mutations:	None	
IN Other Mutations:	K14R 100% <small>seen:0,001</small> • S245N 91.40% <small>seen:0,001</small> • V31I 100% <small>seen:0,702</small> • M50V 98% <small>seen:0,738</small> • I60M 100% <small>seen:0,001</small> • I72V 98% <small>seen:0,001</small> • T112V 98% <small>seen:0,001</small> • I113V 98% <small>seen:0,001</small> • T124A 100% <small>seen:0,001</small> • T125A 100% <small>seen:0,001</small> • V126F 98% <small>seen:0,001</small> • G134N 98% <small>seen:0,001</small> • I135V 91.50% <small>seen:0,001</small> • K136Q 98% <small>seen:0,001</small> • F139Y 98% <small>seen:0,001</small> • D167E 100% <small>seen:0,001</small> • V201I 100% <small>seen:0,001</small> • T206S 100% <small>seen:0,001</small> • D256E 100% <small>seen:0,001</small> • S283G 100% <small>seen:0,001</small>	
Integrase Strand Transfer Inhibitors		
bictegravir (BIC)	Susceptible	
cabotegravir (CAB)	Susceptible	
dolutegravir (DTG)	Susceptible	
elvitegravir (EVG)	Susceptible	
raltegravir (RAL)	Susceptible	

Mutation scoring: IN	HIVDB 9.5.1 (2023-11-05)
No drug resistance mutations were found for INSTI.	