

Drug resistance interpretation: PR

PI Major Mutations:

PI Accessory Mutations:

PR Other Mutations:

None

None

I13V100%  
cons:2,321 • K20R100%  
cons:2,382 • E35D98%  
cons:1,681 • M36I100%  
cons:1,681 • R41K100%  
cons:1,637 • R57K100%  
cons:1,277 • H69K100%  
cons:2,347 • L89M100%  
cons:2,358

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

PR comments

Other

- K20R is a highly polymorphic PI-selected accessory mutation that increases replication fitness in viruses with PI-resistance mutations.

Mutation scoring: PR

No drug resistance mutations were found for PI.

Drug resistance interpretation: RT

NRTI Mutations:

NNRTI Mutations:

RT Other Mutations:

None

None

V21V100%  
cons:1,732 • V35T100%  
cons:1,209 • T39A100%  
cons:1,203 • I47I100%  
cons:1,529 • K49K99%  
cons:1,514 • I50V100%  
cons:1,554 • V60I100%  
cons:1,591 • K122E100%  
cons:1,578 • D123S100%  
cons:1,577 • I135T100%  
cons:1,803 • K173S100%  
cons:1,386 • Q174K100%  
cons:1,387 • D177E100%  
cons:1,334 • T200A100%  
cons:1,371 • Q207E100%  
cons:1,463 • R211K100%  
cons:1,774 • V243E100%  
cons:2,101 • E248D100%  
cons:1,122

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)

Susceptible

etravirine (ETR)

Susceptible

nevirapine (NVP)

Susceptible

rilpivirine (RPV)

Susceptible

Mutation scoring: RT

No drug resistance mutations were found for NRTI.

No drug resistance mutations were found for NNRTI.

Drug resistance interpretation: IN

INSTI Major Mutations:

INSTI Accessory Mutations:

IN Other Mutations:

None

None

K14R100%  
cons:1,028 • A21T100%  
cons:1,111 • V31I100%  
cons:1,147 • I60M100%  
cons:1,029 • I72V100%  
cons:1,018 • T112V100%  
cons:1,020 • I113V100%  
cons:1,020 • T124A100%  
cons:1,027 • T125TA100%  
cons:1,027 • V126F100%  
cons:1,027 • G134N100%  
cons:1,029 • I135V100%  
cons:1,029 • K136Q100%  
cons:1,029 • F139Y100%  
cons:1,028 • D167E100%  
cons:1,028 • K173R100%  
cons:1,027 • V201I100%  
cons:1,021 • I208M100%  
cons:1,021 • Q216QH100%  
cons:1,020 • L234I100%  
cons:1,021 • S283G100%  
cons:1,711

Integrase Strand Transfer Inhibitors

bictegravir (BIC)

Susceptible

cabotegravir (CAB)

Susceptible

dolutegravir (DTG)

Susceptible

elvitegravir (EVG)

Susceptible

raltegravir (RAL)

Susceptible

Mutation scoring: IN

No drug resistance mutations were found for INSTI.