PI Major Mutations: M461 ::::

PI Accessory Mutations: L10F :::: 174P ::::

PR Other Mutations: 113V ::::: • K14R :::: • L19I :::: • E35D :::: • M36I :::: • R41K :::: • R57K ::: • H69K :::

Protease Inhibitors

atazanavir/r (ATV/r) Low-Level Resistance darunavir/r (DRV/r) Potential Low-Level Resistance fosamprenavir/r (FPV/r) Intermediate Resistance indinavir/r (IDV/r) Intermediate Resistance lopinavir/r (LPV/r) Low-Level Resistance nelfinavir (NFV) High-Level Resistance Low-Level Resistance saquinavir/r (SQV/r) Intermediate Resistance tipranavir/r (TPV/r)

PR comments

Major

M46I/L are relatively non-polymorphic PI-selected mutations. In combination with other PI-resistance mutations, they are associated with reduced susceptibility to each of the PIs except DRV.

Accessory

- L10F is a common non-polymorphic, PI-selected accessory mutation associated with reduced in vitro susceptibility to LPV and DRV.
- . T74P is a nonpolymorphic PI-selected accessory mutation that occurs primarily in viruses from persons who have received multiple PIs. In combination with other mutations, It is associated with reduced susceptibility to ATV and DRV.

Mutation scoring: PR HIVDB 9.5.1 (2023-11-05)

Orug resistance mutation scores of Pt:							Download CSV	
Rule	ATV/r ≑	DRV/r ÷	FPV/r ≎	IDV/r 🗧	LPV/r ≑	NFV ≑	SQV/r ≑	TPV/r
M461	10	0	10	10	10	30	10	5
T74P	10	5	10	10	5	20	10	25
L10F	0	5	15	10	5	15	0	0
Total	20	10	35	30	20	65	20	30

Drug resistance interpretation: RT

NRTI Mutations: None NNRTI Mutations:

K312R · L517l · S519N · Q524K · K327E · E529D · K330R · A534S · A554S · J556V · V559l RT Other Mutations:

Nucleoside Reverse Transcriptase Inhibitors abacavir (ABC) Susceptible Susceptible zidovudine (AZT) stavudine (D4T) Susceptible didanosine (DDI) Susceptible Susceptible emtricitabine (FTC) lamivudine (3TC) Susceptible tenofovir (TDF) Susceptible

Non-nucleoside Reverse Transcriptase Inhibitors

doravirine (DOR) Susceptible Susceptible efavirenz (EFV) etravirine (ETR) Susceptible nevirapine (NVP) Susceptible Susceptible rilpivirine (RPV)

Mutation scoring: RT

Mutation scoring: IN

No drug resistance mutations were found for NRTL

No drug resistance mutations were found for NNRTI.

Drug resistance interpretation: IN

INSTI Major Mutations: None INSTI Accessory Mutations: None

IN Other Mutations:

Integrase Strand Transfer Inhibitors

bictegravir (BIC) Susceptible cabotegravir (CAB) Susceptible dolutegravir (DTG) Susceptible elvitegravir (EVG) Susceptible Susceptible raltegravir (RAL)

No drug resistance mutations were found for INSTI.

HIVDB 9.5.1 (2023-11-05)

HIVDB 9.5.1 (2023-11-05)

HIVDB 9.5.1 (2023-11-05)

HIVDB 9.5.1 (2023-11-05)