

PI Major Mutations:None

PI Accessory Mutations:None

PR Other Mutations:L19I • I62V • L63P • C67Y

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

No drug resistance mutations were found for PI.

NRTI Mutations:M41L • T215Y

NNRTI Mutations:None

RT Other Mutations:K20R • S134SR • V245K • K277R • K281R • T286A • I293V • E297K

Nucleoside Reverse Transcriptase Inhibitors	
abacavir (ABC)	Low-Level Resistance
zidovudine (AZT)	High-Level Resistance
stavudine (D4T)	High-Level Resistance
didanosine (DDI)	Intermediate Resistance
emtricitabine (FTC)	Susceptible
lamivudine (3TC)	Susceptible
tenofovir (TDF)	Low-Level Resistance

Non-nucleoside Reverse Transcriptase Inhibitors	
doravirine (DOR)	Susceptible
efavirenz (EFV)	Susceptible
etravirine (ETR)	Susceptible
nevirapine (NVP)	Susceptible
rilpivirine (RPV)	Susceptible

RT comments

NRTI

- M41L is a TAM that usually occurs with T215Y. In combination, M41L plus T215Y confer intermediate / high-level resistance to AZT and d4T and contribute to reduced ddi, ABC and TDF susceptibility.
- T215Y/F are TAMs that causes intermediate/high-level resistance to AZT and potentially low-level resistance to ABC and TDF.

Drug resistance mutation scores of NRTI:

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Rule	ABC ÷	AZT ÷	D4T ÷	DDI ÷	FTC ÷	3TC ÷	TDF ÷
M41L	5	15	15	10	0	0	5
M41L + T215Y	10	10	10	10	5	5	10
T215Y	10	60	40	15	0	0	10
Total	25	85	65	35	5	5	25

No drug resistance mutations were found for NNRTI.