

PI Major Mutations:	None
PI Accessory Mutations:	None
PR Other Mutations:	I13V <small>100% seen:1,114</small> • K14R <small>100% seen:1,114</small> • M36I <small>100% seen:1,392</small> • N37D <small>100% seen:1,392</small> • R41K <small>100% seen:1,379</small> • R57RK <small>100% seen:1,129</small> • L63P <small>100% seen:1,112</small> • H69KQ <small>100% seen:1,111</small> • L89M <small>100% seen:1,109</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

No drug resistance mutations were found for PI.

NRTI Mutations:	None
NNRTI Mutations:	None
RT Other Mutations:	V21I <small>100% seen:2,080</small> • V35T <small>100% seen:2,079</small> • E36ED <small>100% seen:2,145</small> • T39R <small>100% seen:1,779</small> • E40ED <small>100% seen:1,836</small> • I50V <small>100% seen:1,825</small> • V50I <small>100% seen:1,821</small> • K173AS <small>100% seen:2,117</small> • D177E <small>100% seen:2,081</small> • V179I <small>100% seen:2,202</small> • T200A <small>100% seen:2,080</small> • I202V <small>100% seen:2,710</small> • Q207A <small>100% seen:2,081</small> • R211K <small>100% seen:2,011</small> • F214FL <small>100% seen:1,111</small> • V245Q <small>100% seen:1,001</small> • E248D <small>100% seen:990</small>
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

RT comments
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.

No drug resistance mutations were found for NRTI.

No drug resistance mutations were found for NNRTI.

INSTI Major Mutations:	None
INSTI Accessory Mutations:	None
IN Other Mutations:	K14R <small>100% seen:79</small> • D25E <small>100% seen:90</small> • V31I <small>100% seen:112</small> • I60M <small>100% seen:102</small> • T124A <small>100% seen:101</small> • T125A <small>100% seen:101</small> • V126F <small>100% seen:101</small> • G134N <small>100% seen:99</small> • I135IV <small>100% seen:99</small> • K136Q <small>100% seen:99</small> • V201I <small>100% seen:112</small> • D279G <small>100% seen:190</small> • S283G <small>100% seen:190</small>
Integrase Strand Transfer Inhibitors	
bictegravir (BIC)	Susceptible
cabotegravir (CAB)	Susceptible
dolutegravir (DTG)	Susceptible
elvitegravir (EVG)	Susceptible
raltegravir (RAL)	Susceptible

No drug resistance mutations were found for INSTI.