

Nucleoside reverse-transcriptase inhibitors (NRTIs)		Non Nucleoside reverse-transcriptase inhibitors (NRTIs)		Protease Inhibitors (PIs)		Integrase Strand Transfer Inhibitors (INSTIs)		Fusion Inhibitor of gp41
HIV-1	HIV-2	HIV-1	HIV-2	HIV-1	HIV-2	HIV-1	HIV-2	HIV-1
Abacavir K65R ^[58,60-63]	Abacavir Q151M ^[17]	Delavirdine E138A ^[67]	Delavirdine V106I ^[89] E138A ^[89] G190A ^[89]	Atazanavir I50L ^[106]	Atazanavir	Raltegravir N155H±E92Q ^[108-109] Q148H/R/K± ^[108-109] G140S/A ^[108-109] Y143C/R ^[108-109] E157Q ^[108-109] G118R ^[108-109]	Raltegravir E92Q/Y143C ^[17] T97A/Y143C ^[17] Q148K/R ^[17] G140S/Q148R+N155H ^[17] E92Q/N155H+T97A/N155H ^[17]	Enfuvirtide G36DEV ^[118-120] V38EA ^[118-120] Q40H ^[118-120] N42T ^[118-120] N43D ^[118-120] R46K/M/Q ^[118-120] E137K ^[118-120] S138A ^[118-120]
Didanosine K65R ^[58,60-63]	Didanosine Q151M ^[17]	Efavirenz E138A ^[67] L100I ^[77] K101E/P ^[77] K103N/S ^[77]	Efavirenz V106I ^[89] E138A ^[89] G190A ^[89]	Darunavir	Darunavir I84V ^[17] L90M ^[17] I54M ^[17]	Elvitegravir Q148H/R/K ^[85] G140S/A ^[110-111] N155H ^[85]	Elvitegravir E92Q/Y143C ^[17] T97A/Y143C ^[17] Q148K/R ^[17] G140S/Q148R+N155H ^[17]	

		V106A/M ^[78] Y188C/H/L ^[77] G190A/S/E ^[77] M230L ^[77]				E92Q ^[85] E157Q ^[110-111]	E92Q/N155H+T97A/N155H ^[17]	
Emtricitabine M184V/I ^[67]	Emtricitabine Q151M ^[17] M184I/V ^[17] K65 ^[17]	Etravirine E138A ^[82-83] L100I ^[82-82] K101E/P ^[82-83] Y181C/I/V ^[82-83]	Etravirine V106I ^[89] E138A ^[89] G190A ^[89]	Forsamprenavir	Forsamprenavir	Dolutegravir Q148+E138± ^[112] G140 ^[112] N155H+Q148R ^[112] G118R ^[112] G118R-H51Y ^[112]	Dolutegravir	
Lamivudine M184V/I ^[67]	Lamivudine Q151M ^[17]	Nevirapine E138A ^[86-87] K101E/P ^[77] K103N/S ^[77] V106A/M ^[78] Y181C/I/V ^[77] Y188C/H/L ^[77] G190A/S/E ^[77,80,81] M230L ^[77]	Nevirapine V106I ^[89] E138A ^[89] G190A ^[89]	Indinavir	Indinavir I54M ^[17]			
Stavudine M41L ^[30,59] D67N ^[30,59] K70R ^[30,59] L210W ^[30,59]	Stavudine Q151M ^[17]	Rilpivavine E138A ^[84] K101E/P ^[84] K103N/S ^[84] V106A/M	Rilpivavine V106I ^[89] E138A ^[89] G190A ^[89]	Nelfinavir D30N ^[92]	Nelfinavir I54M ^[17]			

T215F/Y ^[30,59] K219Q/E ^[30,59]		^[84] Y181C/I/V ^[84] Y188C/H/L ^[84] G190A/G/E ^[79] M230L ^[84] E138K ^[86-87]						
Tenofovir K65R ^[66] M184V/I ^[66]	Tenofovir K65 ^[17]			Ritonavir	Ritonavir I54M ^[17] I84V ^[17] L90M ^[17] I82F ^[17]			
Zidovudine M41L ^[30,59] D67N ^[30,59] K70R ^[30,59] L210W ^[30,59] K219Q/E ^[30,59] T215Y/F ^[30,59]	Zidovudine Q151M ^[17]			Saquinavir V28A ^[104]	Saquinavir I84V ^[17] L90M ^[17] I54M ^[17]			
				Tipranavir	Tipranavir I82L ^[17]			