

PatientID: HIVDR-822-23

Sebuttemba 27, 2023

Color Code

■ HR: High-Level Resistance ■ PLR: Potential Low-Level Resistance
■ LR: Low-Level Resistance ■ IR: Intermediate Resistance
■ S: Susceptible

DRUG.CLASS	DRUG	RESISTANCE.PROFILE	DRMS.above.20.percent.prevalence
PI	ATV	LR	M46I;T74P;L10F
	DRV	PLR	
	FPV	IR	
	IDV	IR	
	LPV	LR	
	NFV	HR	
	SQV	LR	
	TPV	IR	
NRTI	ABC	HR	L74IL;M41L;T215F
	AZT	HR	
	D4T	IR	
	DDI	HR	
	FTC	HR	
	LMV	HR	
	TDF	LR	
NNRTI	DOR	HR	G190A
	EFV	HR	
	ETR	HR	
	NVP	HR	
	RPV	HR	
INSTI	BIC	S	
	CAB	S	
	DTG	S	
	EVG	S	
	RAL	S	

Appendix

Drug abbreviations in full

DRUG.CLASS	ABBREVIATION	DRUG.NAME
PI	ATV	Atazanavir
	DRV	Darunavir
	FPV	Fosamprenavir
	IDV	Indinavir
	LPV	Lopinavir
	NFV	Nelfinavir
	SQV	Saquinavir
	TPV	Tipranavir
NRTI	ABC	Abacavir
	AZT	Azidothymidine
	DFT	Stavudine
	DDI	Didanosine
	FTC	Emtricitabine
	LMV	Lamivudine
	TDF	Tenofovir
NNRTI	DOR	Doravirine
	EFV	Efavirenz
	ETR	Etravirine
	NVP	Nevirapine
	RPV	Rilpivirine
INSTI	BIC	Bictegravir
	CAB	Cabotegravir
	DTG	Dolutegravir
	EVG	Elvitegravir
	RAL	Raltegravir

Comments

DRUG.CLASS	COMMENTS
PI	L10F is a common non-polymorphic, PI-selected accessory mutation associated with reduced in vitro susceptibility to LPV and DRV.
	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.
	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.
NRTI	L74V causes intermediate ABC resistance. L74I causes low-level ABC resistance.
	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.
NNRTI	G190A is a non-polymorphic mutation that causes high-level resistance to NVP and intermediate resistance to EFV. It does not significantly reduce susceptibility to RPV, ETR, or DOR.

INSTI	
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