

PatientID: HIVDR-707-23

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	D30ND;K20T;G73SG
	DRV	S	
	FPV	LR	
	IDV	LR	
	LPV	S	
	NFV	HR	
	SQV	LR	
	TPV	S	
NRTI	ABC	S	
	AZT	S	
	D4T	S	
	DDI	S	
	FTC	S	
	LMV	S	
	TDF	S	
NNRTI	DOR	LR	M230IM;K103N
	EFV	HR	
	ETR	LR	
	NVP	HR	
	RPV	IR	
INSTI	BIC	S	
	CAB	S	
	DTG	S	
	EVG	S	
	RAL	S	

## Appendix

### Drug abbreviations in full

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

### Comments

DRUG.CLASS	COMMENTS
<b>PI</b>	D30N is a non-polymorphic mutation NFV-selected mutation that causes high-level resistance to NFV but not to other PIs.
	G73S/T/C/A are common non-polymorphic accessory mutations selected primarily by most PIs. They are associated with minimally reduced susceptibility to each of the PIs.
<b>NRTI</b>	
<b>NNRTI</b>	K103N is a non-polymorphic mutation that confers high-level reductions in NVP and EFV susceptibility. It is the most commonly transmitted DRM.
	M230I is a rare mutation selected by RPV. Its effects on NNRTI susceptibility have not been well studied. It also often occurs as a result of APOBEC-mediated G-to-A hypermutation resulting in viruses that are likely to be noninfectious.
<b>INSTI</b>	