

Drug resistance interpretation: PR		HIVDB 9.5.1 (2023-11-05)
PI Major Mutations:	None	
PI Accessory Mutations:	None	
PR Other Mutations:	I13V <small>100% n=1,021</small> • G16E <small>100% n=1,021</small> • K20KR <small>6.12% n=2,438</small> • E35D <small>79% n=4,875</small> • M36I <small>99% n=4,875</small> • R41K <small>99% n=4,547</small> • K43R <small>99% n=4,542</small> • R57K <small>99% n=4,548</small> • L63V <small>10% n=4,547</small> • H69R <small>99% n=4,534</small> • I72M <small>100% n=4,531</small> • L89M <small>100% n=4,534</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	
PR comments		
Other		
<ul style="list-style-type: none">K20R is a highly polymorphic PI-selected accessory mutation that increases replication fitness in viruses with PI-resistance mutations.		

Mutation scoring: PR	HIVDB 9.5.1 (2023-11-05)
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No drug resistance mutations were found for PI.

Drug resistance interpretation: RT	HIVDB 9.5.1 (2023-11-05)
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NRTI Mutations:	None																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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RT Other Mutations:	E6D 42% n=2,102		•	K11NT 6.49% n=3,037	•	K20R 100% n=3,427	•	V35T 100% n=3,317	•	E40D 100% n=3,249	•	K49R 100% n=3,113	•	K122E 99% n=3,995	•	D123N 47% n=3,995	•	T163I 100% n=3,141	•	K173S 99% n=2,802	•	Q174K 100% n=2,802	•	D177E 100% n=2,802	•	V179I 99% n=2,756	•	T200A 99% n=2,117	•	I202V 100% n=2,071	•	Q207A 100% n=791	•	R211S 100% n=734	•	V245Q 100% n=234	•	E248D 99% n=212																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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RT comments	
Other	
• 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.	

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No drug resistance mutations were found for NRTI.

No drug resistance mutations were found for NNRTI.