

HIVDB algV8_6_1 => algV8_7 Changes

Following rules were added/changed in the NNRTI drug class:

- Added new rule **A98G + F227C**, with scores 15 (DOR), 15 (EFV), 15 (ETR), 15 (NVP), 15 (RPV).
- Added new rule **L234I**, with scores 30 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Added new rule **F227V**, with scores 30 (DOR), 10 (EFV), 0 (ETR), 30 (NVP), 0 (RPV).
- Added new rule **F227I**, with scores 30 (DOR), 10 (EFV), 0 (ETR), 30 (NVP), 0 (RPV).
- Added new rule **Y181C + G190A**, with scores 20 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Added new rule **V108I + Y181C**, with scores 10 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Added new rule **V108I + L234I**, with scores 15 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Added new rule **V106I**, with scores 15 (DOR), 0 (EFV), 10 (ETR), 10 (NVP), 10 (RPV).
- Added new rule **K103N + Y181C**, with scores 10 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Added new rule **L100I + K103N**, with scores 15 (DOR), 0 (EFV), 0 (ETR), 0 (NVP), 0 (RPV).
- Changed scores of rule **A98G**: 0 to 15 (DOR).
- Changed scores of rule **L100I**: 0 to 15 (DOR).
- Changed scores of rule **L100V**: 0 to 10 (DOR).
- Changed scores of rule **K101E**: 0 to 15 (DOR).
- Changed scores of rule **K101P**: 0 to 10 (DOR).
- Changed scores of rule **V106A**: 0 to 60 (DOR).
- Changed scores of rule **V106M**: 0 to 30 (DOR).
- Changed scores of rule **V108I**: 0 to 10 (DOR).
- Changed scores of rule **Y181C**: 0 to 10 (DOR).
- Changed scores of rule **Y181I**: 0 to 20 (DOR).
- Changed scores of rule **Y181V**: 0 to 20 (DOR).
- Changed scores of rule **Y188C**: 0 to 10 (DOR).
- Changed scores of rule **Y188F**: 0 to 30 (DOR).
- Changed scores of rule **Y188H**: 0 to 10 (DOR).
- Changed scores of rule **Y188L**: 0 to 60 (DOR).
- Changed scores of rule **G190C**: 0 to 10 (DOR).
- Changed scores of rule **G190E**: 0 to 60 (DOR).
- Changed scores of rule **G190Q**: 0 to 60 (DOR).
- Changed scores of rule **G190S**: 0 to 30 (DOR).
- Changed scores of rule **G190T**: 0 to 10 (DOR).
- Changed scores of rule **G190V**: 0 to 10 (DOR).
- Changed scores of rule **H221Y**: 0 to 10 (DOR).
- Changed scores of rule **P225H**: 0 to 30 (DOR).
- Changed scores of rule **F227C**: 0 to 60 (DOR).
- Changed scores of rule **F227L**: 0 to 30 (DOR).
- Changed scores of rule **M230I**: 0 to 15 (DOR).
- Changed scores of rule **M230L**: 0 to 60 (DOR).
- Changed scores of rule **Y318F**: 0 to 30 (DOR).
- Changed scores of rule **K101E + G190A**: 0 to 5 (DOR).
- Changed scores of rule **K101E + G190S**: 0 to 5 (DOR).
- Changed scores of rule **V106A + F227L**: 0 to 15 (DOR).
- Changed scores of rule **A98G + Y181C**: 0 to 5 (DOR).

One rule was changed in INSTI drug class:

- Changed scores of rule **T97A + Q148HKR**: 10 to 15 (BIC), 10 to 15 (DTG).

The changes in INSTI drug class leads to four score changes of mutation patterns:

pattern	count	BIC	DTG	EVG	RAL
T97A + G140S + Q148H	3	55 => 60	55 => 60	100	100
T97A + E138A + G140S + Q148H	1	85 => 90	85 => 90	130	130
T97A + E138K + Q148R + N155H + G163K	1	80 => 85	80 => 85	160	160
T97A + G140S + Q148R + N155H + G163R	1	80 => 85	80 => 85	175	175