Table S1.

	Subtype A		Subtype D	
	BED ≤0.8	AI ≤40%	BED ≤0.8	AI ≤40%
All	% Misclassified	% Misclassified	% Misclassified	% Misclassified
	15.5 (195/1256)	0.0 (0/1256)	22.2 (124/558)	9.9 (55/558)
Age at infection				
18-24 years	15.9 (87/546)	0.0 (0/546)	23.5 (50/213)	10.3 (22/213)
25-28 years	12.1 (48/397)	0.0 (0/397)	0.0 (0/226)	10.2 (23/226)
>28 years	19.2 (60/313)	0.0 (0/313)	62.2 (74/119)	8.4 (10/119)
Duration of infection				
24-48 months	17.6 (97/552)	0.0 (0/552)	20.1 (47/234)	9.8 (23/234)
48-72 months	13.8 (60/435)	0.0 (0/435)	23.4 (40/171)	8.8 (15/171)
72-96 months	15.7 (38/242)	0.0 (0/242)	24.0 (31/129)	11.6 (15/129)
>96 months	0.0 (0/27)	0.0 (0/27)	25.0 (6/24)	8.3 (2/24)
CD4 (cells/µl)				
≥500	23.5 (120/511)	0.0 (0/511)	30.7 (65/212)	4.7 (10/212)
499-200	11.3 (70/619)	0.0 (0/619)	17.8 (46/258)	12.4 (32/258)
<200	4.3 (4/93)	0.0 (0/93)	15.5 (9/58)	12.1 (7/58)
No data	3.0 (1/33)	0.0 (0/33)	13.3 (4/30)	20.0 (6/30)
Viral load (copies/ml)				
> 50,000	8.3 (9/109)	0.0 (0/109)	13.9 (11/79)	17.7 (14/79)
49,999-400	21.1 (48/228)	0.0 (0/228)	5.6 (4/71)	4.2 (3/71)
<400	34.5 (41/119)	0.0 (0/119)	48.3 (73/151)	13.3 (20/151)
No data	12.1 (97/800)	0.0 (0/800)	14.0 (36/257)	7.0 (18/257)
Time on ART				
Not on ART	13.5 (150/1115)	0.0 (0/1115)	12.4 (43/348)	6.0 (21/348)
<1 year	20.9 (18/86)	0.0 (0/86)	16.1 (10/62)	16.1 (10/62)
>1 year	49.1 (27/55)	0.0 (0/55)	48.0 (71/148)	16.2 (24/148)
Misclassified by other assay				
BED-CEIA ≥0.8 OD-n	-	0.0 (0/1061)	-	9.5 (41/434)
BED-CEIA <0.8 OD-n	-	0.0 (0/195)	-	11.3 (14/124)
AI ≥40%	15.5 (195/1256)	-	21.9 (110/503)	-
AI <40%	-	-	25.5 (14/55)	-