SUPPLEMENTAL DIGITAL CONTENT

Table S1: Evaluation of factors associated with hepatotoxicity at Weeks 24 and 48

Variable	Hepatotoxicity at Week 24						
	No	Yes	p-value	OR	95%CI	aOR	95% CI
Sex, n (%)							
Female	732 (99.1)	7 (0.95)	0.73	1.7	0.4-8.4	1.4	0.2-8.1
Male	361 (99.5)	2 (0.55)		Ref		Ref	-
Age, yrs	35 (30-42)*	32 (28-38)*	0.28	0.95	0.9-1.0	0.9	0.8-1.0
WHO Stage, n (%)							
1	404 (99.5)	2 (0.5)		Ref	-		
2	476 (99.0)	5 (1.0)	0.43	2.1	0.4-11.0		
3	168 (99.4)	1 (0.6)		1.2	0.1-13.3		
4	44 (97.8)	1 (2.2)		4.6	0.4-51.7		
HCV co-infection, n (%)							
Yes	59 (93.7)	4 (6.35)	0.001	14.0	3.7-53.6	19.3	4.4-84.4
No	1,034 (99.5)	5 (0.48)		Ref	-	Ref	-
NVP-containing ART, n (%)							
Yes	1,035 (99.1)	9 (0.9)	1.00				
No	58 (100.0)	0 (0.0)					
d4T-containing ART, n (%)							
Yes	536 (98.9)	6 (1.1)	0.33	2.1	0.5-8.4	2.4	0.6-10.0
No	557 (99.5)	3 (0.5)		Ref	-	Ref	-
Baseline CD4 count, cells/mm^3	136 (71-218)*	126 (95-135)*	0.79	1.00	0.99-1.00		
Baseline HIV RNA, log cp/ml	4.7 (4.2-5.2)*	5.2 (4.8-5.5)*	0.08	2.15	0.84-5.53		
Baseline ALT, U/ml	19 (10.6-32.1)*	22.8 (15.0-47.6)*	0.42	1.0	1.00-1.03	1.01	1.00-1.03

* Median and IQR shown for these indicators

Variable	Hepatotoxicity at Week 48						
	No	Yes	p-value	OR	95%CI	aOR	95% CI
Sex, n (%)							
Female	804 (99.9)	1 (0.1)	0.11	0.17	0.02-1.62	0.05	0.004-0.62
Male	407 (99.3)	3 (0.7)		Ref	-	Ref	
Age, yrs	35 (30-42)	28.5 (28-33.5)	0.16	0.95	0.9-1.0	0.81	0.68-0.95)
WHO Stage, n (%)							
1	451 (100)	0 (0.0)					
2	554 (99.8)	1 (0.2)	0.02				
3	163 (98.2)	3 (1.8)					
4	42 (100)	0 (0.0)					
HCV co-infection, n (%)							
Yes	69 (97.2)	2 (2.8)	0.02	16.6	2.3-119.3	56.7	5.0-637.0
No	1,142 (99.8)	2 (0.2)		Ref	-	Ref	-
NVP-containing ART, n (%)							
Yes	1,157 (99.7)	4 (0.3)	1.00				
No	54 (100)	0 (0.0)					
d4T-containing ART, n (%)							
Yes	624 (99.8)	1 (0.2)	0.36	0.31	0.03-3.02	0.31	0.03-3.54
No	587 (99.5)	3 (0.5)		Ref	-	Ref	-
Baseline CD4 count, cells/mm^3	134 (71-218)	166 (68-352)	0.62				
Baseline HIV RNA, log cp/ml	4.8 (4.2-5.2)	4.9 (4.4-4.95)	0.82				
Baseline ALT, U/ml	19.5 (10.8-32.6)	26.5 (14.9-49.5)	0.49	1.0	0.98-1.0	0.99	0.95-1.04