

Table 1. Characteristics of HIV-1-infected mothers and their HIV-1-uninfected-infants with a valid ELISpot assay, by treatment arm.

	No limit on background response					Background response ≤100 SFU/million PBMC				
	ZDV/NVP (n=23)		HAART (n=24)		p	ZDV/NVP (n=23)		HAART (n=24)		p
	N	Median (IQR) n (%)	N	Median (IQR) n (%)		N	Median (IQR) n (%)	N	Median (IQR) n (%)	
Maternal Characteristics:										
Age (years)	23	24 (20 – 30)	24	26 (25 – 30)	0.20	22	24 (20 – 30)	23	26 (25 – 30)	0.25
CD4 cell count (cells/μl) at 32 weeks gestation	23	333 (295 – 430)	24	318 (264 – 421)	0.57	22	344 (295 – 430)	23	316 (261 – 421)	0.51
Plasma HIV-1 RNA level (log₁₀ copies/ml) at										
32 weeks gestation	2	4.57 (4.21 – 5.31)	23	4.81 (4.43 – 5.03)	0.79	19	4.37 (4.18 – 5.37)	22	4.78 (4.43 – 4.91)	0.96
Delivery	1	4.05 (3.83 – 4.47)	21	2.45 (2.00 – 2.75)	0.0001	12	4.12 (3.69 – 4.54)	20	2.45 (2.00 – 2.74)	0.0002
M1 postpartum	2	4.75 (4.09 – 5.45)	24	2.45 (2.00 – 2.95)	<0.0001	20	4.75 (4.09 – 5.51)	23	2.44 (2.00 – 3.03)	<0.0001

M3 postpartum	2	4.88	22	2.00	<0.0001	20	4.74	21	2.00	<0.0001
	1	(4.03 – 5.10)		(2.00 – 2.54)			(3.98 – 5.22)		(2.00 – 2.54)	
M6 postpartum	1	4.55	21	2.00	0.0004	18	4.68	20	2.20	0.0008
	9	(3.80 – 5.02)		(2.00 – 3.72)			(3.80 – 5.02)		(2.00 – 4.04)	
M9 postpartum	1	4.66	11	4.86	0.84	13	4.66	11	4.86	0.84
	3	(3.98 – 5.32)		(4.02 – 5.28)			(3.98 – 5.32)		(4.02 – 5.28)	
M12postpartum	8	5.27	8	4.72	0.14	8	5.27	8	4.72	0.14
		(4.83 – 5.71)		(4.18 – 5.24)			(4.83 – 5.71)		(4.18 – 5.24)	
Breastmilk cell-free HIV-1 RNA detected at										
Delivery	15	10 (67%)	17	6 (35%)	0.16	14	9 (64%)	16	6 (38%)	0.14
M1 postpartum	22	18 (82%)	24	7 (29%)	<0.001	21	17 (81%)	23	7 (30%)	0.001
M3 postpartum	14	5 (36%)	20	4 (20%)	0.44	13	5 (38%)	19	4 (21%)	0.43
M6 postpartum	2	2 (100%)	18	8 (44%)	0.47	2	2 (100%)	17	8 (47%)	0.47
Breastmilk HIV-1 DNA level (log₁₀ copies/ml) at										
Delivery	12	1.68	12	1.76	0.60	11	1.60	11	1.76	0.58
		(1.37 – 2.15)		(1.48 – 2.18)			(1.28 – 2.39)		(1.44 – 2.42)	

M1 postpartum	16	2.53	17	2.27	0.47	15	2.58	16	2.26	0.17
		(1.98 – 2.78)		(2.08 – 2.51)			(2.05 – 2.80)		(2.07 – 2.47)	
M3 postpartum	14	2.68	13	2.25	0.33	13	2.71	12	2.24	0.19
		(2.23 – 3.06)		(1.98 – 2.70)			(2.31 – 3.06)		(1.93 – 2.74)	
M6 postpartum	0	--	1	2.00	--	0	--	1	2.00	--
Infant characteristics:										
Follow-up time	23	364	24	365	0.69	22	363	23	365	0.36
(days)		(274 – 368)		(277 – 368)			(185 – 366)		(276 – 368)	
Number of	23	3	24	4 (3 – 5)	0.59	22	3 (1 – 4)	23	3 (2 – 4)	0.36
assays†		(2 – 5)								
Breastfeeding	23	179	23	182	0.36	22	169	22	182	0.36
duration (days)		(91 – 184)		(155 – 185)			(91 – 184)		(155 – 185)	

NOTE: N, number of individuals for whom data was available; IQR, interquartile range.

*By the Mann-Whitney *U* test.

Bold indicates $p \leq 0.05$.

† out of a possible 5 timepoints, reasons for not testing include missed visit or insufficient blood collection