

Summary Table S2 | Summary table of baseline characteristics, immune parameters, ART regime, delivery and postpartum infant HIV status

Patient (n=28)	Pregnancy Number	Year of Delivery	Age at booking /yrs	Diagnosed in current pregnancy	Region	Co-morbidities					Immune Parameters																ART in pregnancy	Gestation started ART /weeks	GA at delivery /weeks	Mode of delivery	IV ZDV at birth	VL at delivery copies/mL	Infant received 4 weeks ZDV	ART stopped PP	Mode of Feeding	12-week DNA or RNA available	Infant Ab status available
						Hep B	Hep C	Late TB	Hypertensive Disorder	Type 2 DM	Mental Health Diagnosis	Co-medication	Para	CD4+ at diagnosis /mCL	CD4+ in this pregnancy /mCL	CD8+ in this pregnancy /mCL	CD4+: CD8+ ratio	HIV VL repeated on alternative assay	Maternal proviral DNA result available	Maternal DNA amplified	Detectable VL in pregnancy	VL during pregnancy copies/mL															
1	1	1999	18	No	United Kingdom	No	No	No	No	No	No	No	Nulliparous	570	670	260	1.9	Yes	No	-	Yes	<50; <500; 579; <100; <50	ZDV	30.0	39.0	PLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
	2	2001	19	No		No	No	No	No	No	No	No	Multiparous		740	460	1.7	-	No	-	No	<50	ZDV	32.0	38.0	PLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
	3	2017	36	No	United Kingdom	No	No	No	No	No	Yes	Yes	Multiparous		594	434	1.4	-	No	-	No	<20; <20; <20; <20; <20	MRV/FTC/TDF	0.0	38.0	PLCS	N/A	<20	Yes	No	Breast fed	Yes, negative	Yes, negative				
	4	2021	40	No		No	No	No	No	No	Yes	Yes	Multiparous		726	459	1.6	-	No	-	No	<20; <20; <20; <20; <20	MRV/FTC/TDF	0.0	38.0	PLCS	N/A	<20	Yes	No	Formula fed	Yes, negative	Yes, negative				
2	1	1999	32	Yes	Ethiopia	No	No	No	No	No	No	No	Nulliparous	500	500	330	1.5	Yes	Yes	not detected	-	-	ZDV	28.0	38.0	PLCS	-	-	Yes	Yes	-	-	Yes, negative				
	2	2004	37	No		No	No	No	No	No	No	No	Multiparous		500	330	1.5	-	Yes	not detected	No	<50; <50; <50	ZDV	28.0	38.0	PLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
3	1	2000	30	Yes	-	No	No	No	No	No	No	No	Nulliparous	350	640	520	1.2	Yes	No		Yes	<50; <40; 179; <50	ZDV	32.0	38.0	PLCS	N/A	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
	2	2003	33	No		No	No	No	No	No	No	No	Multiparous		660	660	1	-	No	-	Yes	<50; 51; <50; <50; <50; <50	ZDV	28.0	37.0	PLCS	N/A	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
4	1	2000	25	Yes	South Africa	No	No	No	Yes	No	No	No	Nulliparous	460	770	1170	0.5	Yes	Yes	detected	No	<50; <50; <50	ZDV	32.0	34.0	emLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
	2	2006	32	No		No	No	No	Yes	No	No	No	Multiparous		570	960	0.5	-	Yes	detected	Yes	289; 237; 223; 145; 89; 78; 54	ZDV	24.0	38.0	PLCS	N/A	54	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
5	1	2001	-	Yes	Sierra Leone	No	No	No	No	Yes	No	Yes	Nulliparous	-	-	-	-	-	Yes	not detected	-	-	ZDV	28.0	38.0	PLCS	-	-	Yes	Yes	Formula fed	-	Yes, negative				
	2	2005	-	No		No	No	No	No	Yes	No	Yes	Multiparous	-	-	-	-	-	Yes	not detected	-	-	ZDV	28.0	38.0	PLCS	-	-	Yes	Yes	Formula fed	-	Yes, negative				
	3	2011	-	No		No	No	No	No	Yes	No	Yes	Multiparous	-	682	342	2	-	Yes	not detected	-	-	ZDV	22.6	38.0	PLCS	Yes	-	Yes	Yes	Formula fed	Yes, negative	Yes, negative				
	4	2019	-	No		No	No	No	No	Yes	No	Yes	Multiparous	497	780	371	2.1	Yes	Yes	not detected	Yes	105; 44; <20; 0; <20	ZDV	20.0	38.0	PLCS	No	<20	No	Yes	Formula fed	Yes, negative	No				

6	1	2001	31	Yes	Ethiopia	No	No	No	No	No	No	No	Nulliparous	486	519	-	-	Yes	No	-	No	<50	ZDV	32.0	36.0	PLCS	N/A	<50	-	Yes	Formula fed	-	-
	7	2002	31	No	Zimbabwe	No	No	No	No	No	No	No	Nulliparous	852	852	-	-	Yes	Yes	not detected	No	<50; <50	ZDV	26.0	40.0	PLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
8	2	2006	34	No		No	No	No	No	No	No	No	Multiparous		1227	-	-	-	Yes	not detected	No	<50; <50; <50	ZDV	30.0	38.0	PLCS	Yes	-	Yes	Yes	Formula fed	Yes, negative	Yes, negative
	1	2003	25	No	Macedonia	No	No	No	No	No	No	No	Nulliparous	457	968	-	-	Yes	No	-	No	<50; <50; <50; <50	ZDV	32.0	39.0	PLCS	No	<50	Yes	Yes	Formula fed	-	Yes, negative
9	2	2005	27	No		No	No	No	No	No	No	No	Nulliparous		1159	-	-	-	No	-	No	<50; <50; <50; <50	ZDV	34.0	38.0	PLCS	No	<50	Yes	Yes	Formula fed	-	Yes, negative
	1	2004	33	Yes	Tanzania	No	No	No	No	No	No	No	Nulliparous	360	306	-	-	Yes	No	-	No	<50; <50; <50	ZDV /FTC/NFV	28.0	38.0	PLCS	Yes	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
10	1	2005	33	No	United Kingdom	No	No	No	No	No	No	No	Nulliparous	688	901	-	-	Yes	Yes	detected	No	<50; <50; <50; <50	ZDV	24.0	38.0	PLCS	No	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
	2	2006	34	No		No	No	No	No	No	No	No	Multiparous		979	-	-	-	Yes	detected	No	<50; <50; <50; <50	ZDV	24.0	39.0	PLCS	No	<50	Yes	Yes	-	-	Yes, negative
11	1	2005	26	Yes	Ivory Coast	No	No	No	No	No	No	No	Nulliparous	551	685	-	-	Yes	Yes	detected	Yes	<50; 205	ZDV /3TC/KAL	31.0	39.0	SVD	No	205	Yes	-	Formula fed	Yes, negative	Yes, negative
12	1	2005	26	No	Nigeria	No	No	No	No	No	No	No	Nulliparous	708	670	-	-	Yes	No	-	No	<50; <50; <50; <50; <50	ZDV	28.0	40.0	PLCS	No	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
13	1	2006	26	No	United Kingdom	No	Yes	No	No	No	No	No	Nulliparous	752	752	-	-	Yes	Yes	detected	No	<50 <40	ZDV	24.0	38.0	SVD	No	<40	Yes	Yes	Formula fed	Yes, negative	No
	2	2008	28	No		No	Yes	No	No	No	No	No	Multiparous		1023	-	-	-	Yes	detected	Yes	87; <40; <40; <40	ZDV	24.0	38.0	PLCS	No	<40	Yes	Yes	Formula fed	Yes, negative	No
14	3	2012	-	No		No	Yes	No	No	No	No	No	Multiparous		1121	968	1.2	Yes	Yes	detected	No	29; <20	ZDV	20.4	38.0	PLCS	No	<20	Yes	Yes	Formula fed	Yes, negative	No
	1	2006	31	Yes	Nigeria	No	No	No	No	No	No	No	Nulliparous	638	1119	-	-	Yes	No	-	Yes	95; <50; <50; <50	TDF/3TC/ KAL	24.0	39.0	SVD	No	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
15	1	2006	27	Yes	South Africa	No	No	No	No	No	No	No	Nulliparous	826	947	-	1.5	Yes	Yes	detected	No	<50; <50; <50; <50	ABC/3TC/ ZDV	32.0	41.0	SVD	No	<50	Yes	Yes	Formula fed	Yes, negative	Yes, negative
16	1	2007	22	Yes	Bangladesh	No	No	No	No	No	No	No	Nulliparous	741	784	-	1.3	Yes	Yes	detected	No	0; 0; 0; 0	ZDV	29.0	41.0	SVD	No	0	Yes	Yes	Formula fed	Yes, negative	Yes, negative

2	2011	26	No		No	No	No	No	No	No	No	Multipa rous	784	-	-	-	Yes	not detec ted	Yes	80; <40; 0; 211; 55; 0	ZDV	30.0	40.0	emL CS	No	0	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve	
1	2007	27	Yes	Polan d	No	No	No	No	No	No	No	Nullipa rous	778	697	-	-	Yes	-No	-	Yes	0; <50; <50; 6084; <40 <50	ZDV	28.0	32.0	emL CS	Ye s	<50	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve
1	2007	33	Yes	Nigeri a	Yes	No	No	No	No	No	No	Nullipa rous	357	335	-	-	-	Yes	detec ted	No	<40; <40	TDF/3TC/ KAL	33.0	41.0	SVD	No	<40	Yes	Yes	-	Yes, negati ve	Yes, negati ve
1	2008	30	Yes	Nigeri a	No	No	No	No	No	No	No	Nullipa rous	504	547	-	-	Yes	Yes	not detec ted	Yes	100; <50; <50	ZDV	28.0	39.0	PLC S	No	<50	-	No	Form ula fed	Yes, negati ve	Yes, negati ve
1	2008	35	No	Eritrea	No	No	No	No	No	No	No	Nullipa rous	430	530	700	0.7	Yes	Yes	detec ted	No	<50; <50	ZDV	28.0	39/0	emL CS	Ye s	<50	Yes	Yes	-	Yes, negati ve	Yes, negati ve
1	2008	32	No	Kenya	No	No	No	No	No	No	Yes	Nullipa rous	977	502	-	-	Yes	Yes	not detec ted	Yes	<40; 173; 88; <50; 0; <40	ZDV	28.0	38.0	PLC S	Ye s	<40	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve
1	2009	34	Yes	Rwan da	No	No	No	No	No	No	No	Nullipa rous	931	1043	-	-	Yes	Yes	not detec ted	No	<40; <40; <40; <40	ZDV	26.0	39.0	SVD	No	<40	Yes	Yes	-	Yes, negati ve	-
1	2011	30	Yes	Nigeri a	No	No	Yes	No	No	No	Yes	Nullipa rous	776	743	434	1.7	Yes	Yes	not detec ted	No	<40; <40; <40; <40; <40	ABC/3TC/ ZDV	24.0	41.0	PLC S	No	<40	Yes	Yes	Form ula fed	Yes, negati ve	No
2	2013	32	No		No	No	No	No	No	No	No	Multipa rous	612	287	-	-	Yes	not detec ted	No	0; 0; 0; 0; 0; 0	ABC/3TC/ ZDV	25.0	38.0	PLC S	No	0	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve	
1	2011	33	No	South Africa	No	No	No	No	No	No	No	Nullipa rous	770	768	-	-	Yes	Yes	not detec ted	No	0; 0; <40; 0	ABC/3TC/ ZDV	28.0	41.0	PLC S	No	0	Yes	Yes	Form ula fed	Yes, negati ve	-
1	2012	33	No	Nigeri a	No	No	No	No	No	No	No	Nullipa rous	514	514	582	0.9	Yes	Yes	detec ted	No	<40; 0; 0; 0	TDF/FTC/ ATV/r	13.0	40.0	emL CS	No	0	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve
2	2014	35	No		No	No	No	No	No	No	No	Multipa rous	393	-	-	Yes	Yes	detec ted	No	0; 0; 0; 0; 0; 0	ATV/r/FTC /TDF	29.4	40.0	VBA C	No	0	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve	
3	2018	39	No		No	No	No	No	No	No	No	Multipa rous	412	607	0.7	-	Yes	detec ted	No	0; 0; 0; 0; 0; 0	RAL/FTC/ TDF	7.4	38.0	emL CS	No	0	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve	
1	2012	-	No	Jamai ca	No	No	No	No	No	No	No	Nullipa rous	651	972	699	1.4	Yes	Yes	detec ted	Yes	52; 38; <20; <20	ZDV	23.0	40.0	SVD	No	<20	Yes	Yes	Form ula fed	Yes, negati ve	Yes, negati ve
1	2016	-	Yes	Nigeri a	Yes	No	No	No	No	No	No	Nullipa rous	455	455	1120	0.4	Yes	Yes	detec ted	No	<20; <20; <20	RPV/FTC/ TDF	18.3	37.0	emL CS	No	<20	Yes	No	Form ula fed	Yes, negati ve	Yes, negati ve
1	2019	-	No	Zambi a	No	No	No	Yes	No	No	Yes	Nullipa rous	952	975	875	1.1	Yes	No	-	Yes	78; 41; <20; <20	RPV/TDF/ FTC	22.7	39.0	SVD	No	<20	Yes	No	Mixed	Yes, negati ve	-

29	1	2012	24	Yes	Anqola	No	No	No	No	No	No	Yes	Nulliparous	1	2012	-	-	-	-	Yes	No	<50	ATV/rZDV/3TC	-	39.0	PLCS	-	<50	-	Yes	Formulated	Yes, negative	-
	2	2014	27			No	No	No	No	No	No	Yes	Multiparous	2	2014	-	1050	-	-	-	No	<50; <50; <50; <50	ZDV	28.0		VBA C	No	<50	Yes	Yes	Formulated	Yes, negative	Yes, negative
	3	2021	33			No	No	No	No	No	No	Yes	Multiparous	3	2021	-	1030	-	-	-	No	<50; <50; <50; <50	RAL/FTC/TDF			VBA C	No	<50	14 days	Yes	Formulated	Yes, negative	Yes, negative

Abbreviations: HIV, Human Immunodeficiency Virus-1; Hep B, hepatitis B; Hep C, hepatitis C; TB, Tuberculosis; CD4+, cluster of differentiation; CD8+, cluster of differentiation 8; VL, viral load; ART, antiretroviral therapy; GA, gestational age; IV, intravenous; ZDV, Zidovudine; N/A, not applicable; PP, postpartum; Ab, antibody; MRV, Maraviroc; FTC, Emtricitabine; TDF, Tenofovir disoproxil fumarate; 3TC, Lamivudine; KAL, kaletra (lopinavir/ritonavir); ABC, Abacavir; ATV/r, Atazanavir/ritonavir; RAL, Raltegravir; RPV, Rilpivirine; PLCS, planned caesarean section; emLCS, emergency caesarean section; SVD, spontaneous vaginal delivery.