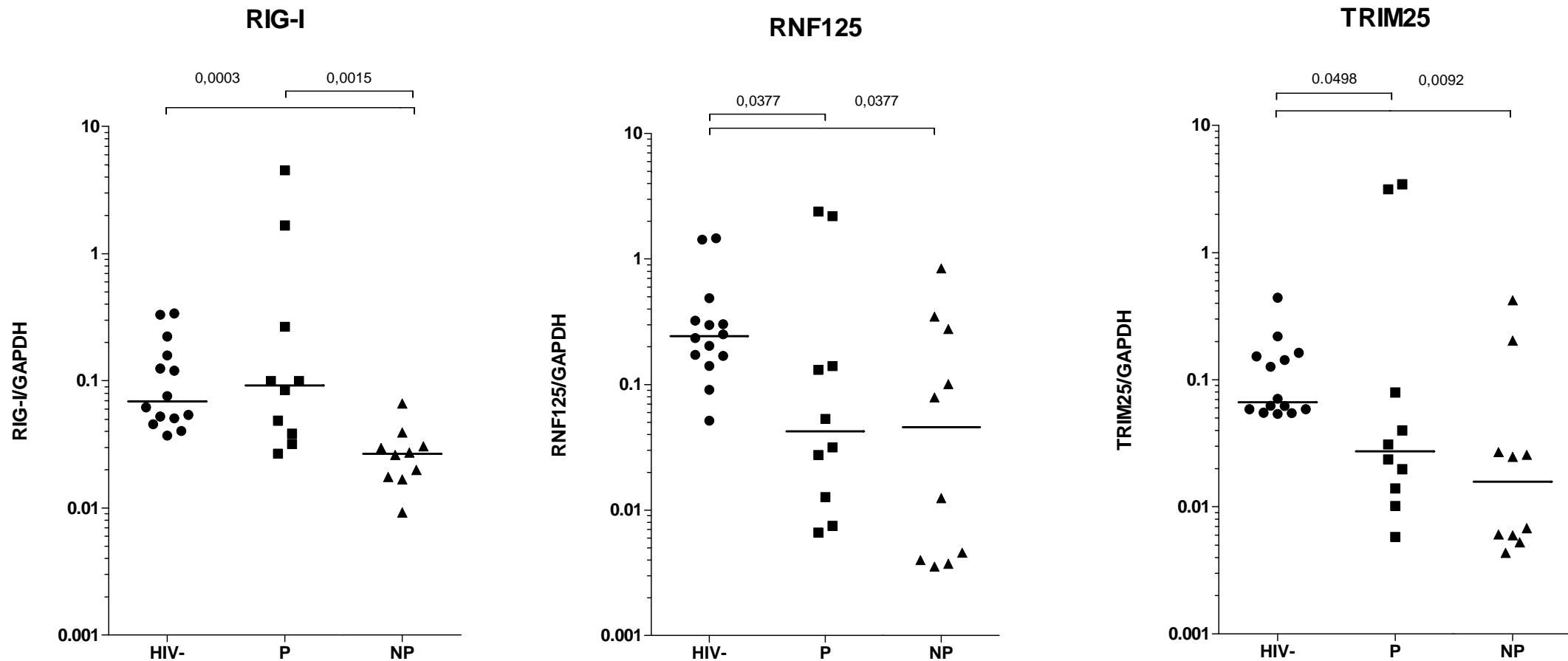


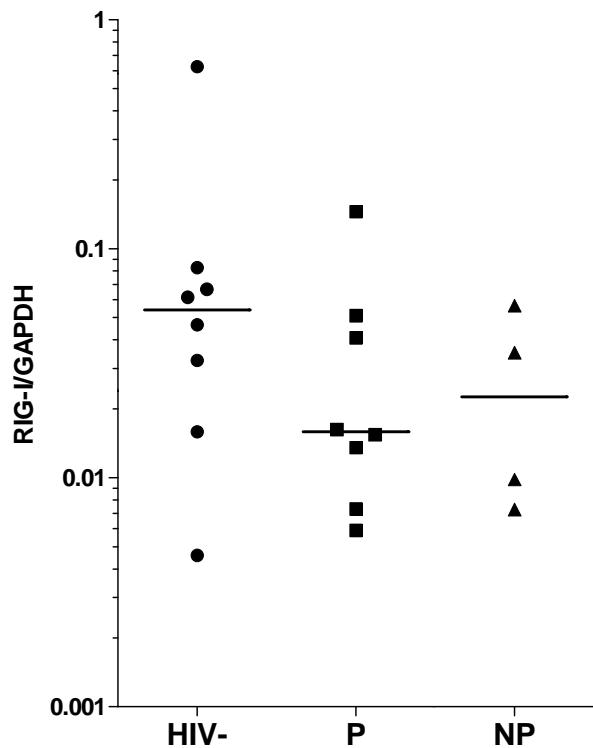
ADULTS



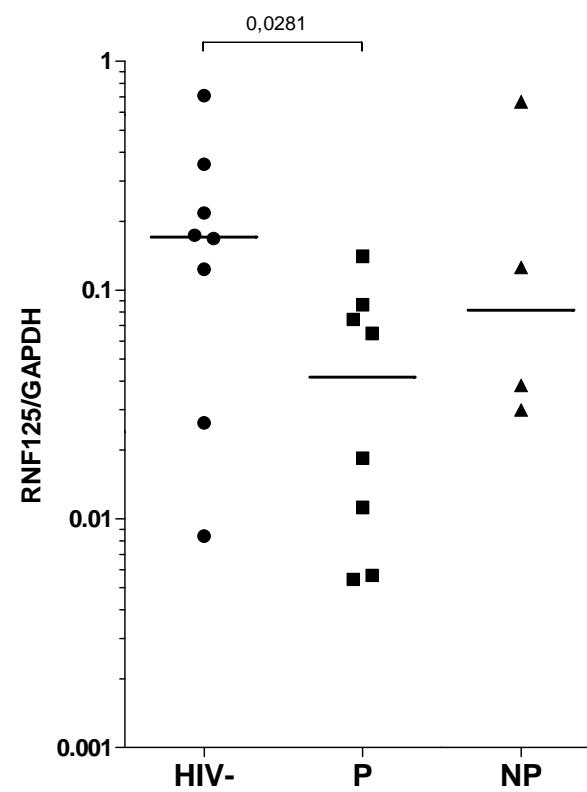
Supplementary Figure 1- mRNA levels of RIG-I, RNF125 and TRIM25 relative to GAPDH, respectively from HIV⁻ and HIV⁺ adults with different profiles of disease progression- Measurements were obtained by qRT-PCR from subjects cDNA prepared from PBMCs. Horizontal bars represent the median for each group.

CHILDREN

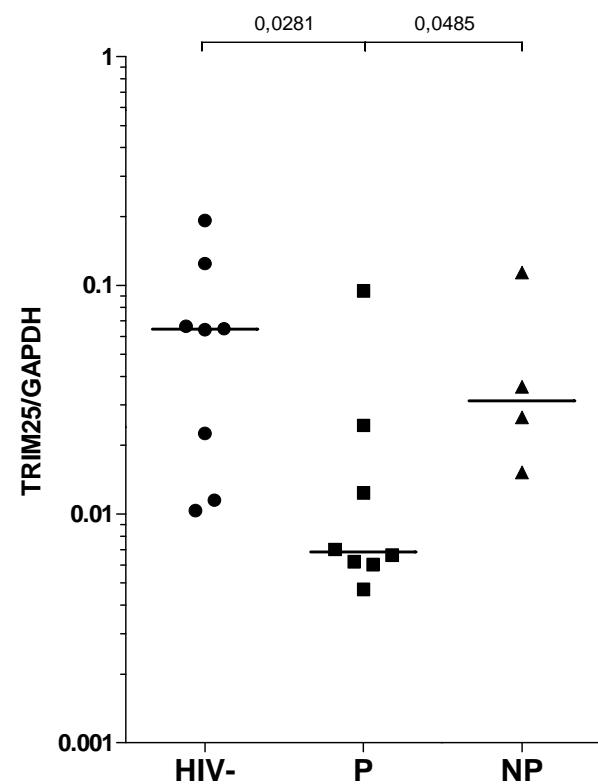
RIG-I



RNF125



TRIM25



Supplementary Figure 2- mRNA levels of RIG-I, RNF125 and TRIM25 relative to GAPDH, respectively from HIV⁻ and HIV⁺ children with different profiles of disease progression- Measurements were obtained by qRT-PCR from subjects cDNA prepared from PBMCs. Horizontal bars represent the median for each group.

Supplementary Table 1. Clinical characteristics of HIV-infected subjects under study

	Patient ID	Age at collection	ART	Gender	Collection Date	HIV-1 VL (log)	CD4 ⁺ counts/mm ³
	F1/P	38	No	F	07/2007	4.52	256
ADULTS	F2/P	39	No	M	08/2007	3.60	311
	F3/NP	37	No	F	05/2007	ND	898
	F7/P	61	From 1999	M	06/2008	<80	280
	F8/P	32	No	F	09/2007	ND	298
	F11/P	33	No	M	06/2007	1.80	388
	F12/P	35	Yes*	F	08/2007	<80	304
	F13/NP	26	No	M	05/2007	3.88	634
	F19/P	43	No	M	09/2007	3.99	201
	F20/NP	49	No	M	08/2006	4.32	744
	F21/NP	36	No	M	05/2008	3.80	881
	F22/NP	49	No	M	10/2008	3.19	748
	F23/NP	39	No	M	05/2006	5.16	606
	F24/P	57	No	F	08/2007	2.87	155
	F25/P	19	No	F	04/2008	4.17	290
	F27/NP	37	No	M	11/2007	4.89	707
	F29/NP	37	No	M	04/2006	3.38	1004
	G2/NP	58	No	F	07/2007	<80	1028
	G3/NP	44	No	F	06/2007	<80	1427
	G6/P	-	No	F	06/2007	ND	482

	Patient ID	Age at collection	ART	Gender	Collection Date	HIV-1 VL (log)	% CD4 ⁺
	N35/NP	9	No	F	04/2003	3.73	27
CHILDREN	N52/NP	11	08/2002	M	10/2003	2.62	23
	N64/NP	12	No	F	06/2004	3.77	34
	N70/NP	14	No	F	02/2004	4.28	32
	N58/P	5	No	F	07/2003	5.49	25
	N59/P	6	01/2004	F	01/2004	4.82	12
	N75/P	7	06/2003	F	09/2003	1.90	25
	N25/P	3	06/2001	M	07/2003	5.27	19
	N27/P	1	07/2001	M	08/2001	4.11	8
	N28/P	4	08/2001	M	05/2003	5.36	20
	N62/P	1	11/2002	F	12/2002	5.23	8
	N29/P	13	08/2001	M	09/2001	2.50	4

NP, Non-progressors; P, progressors; ND, not determined; ART, antiretroviral therapy;

* started ART 3 months before sample collection

Supplementary Table 2. Significant correlations found in the adult´s cohort

Group	Parameter 1	Parameter 2	r^*	p	N
	RIG-I	TRIM25			
control	RIG-I	CD4 ⁺	-	-	-
	RNF125/TRIM25	VL	-	-	-
	RIG-I	TRIM25	0.514	≤ 0.05	19
infected	RIG-I	CD4 ⁺	-0.478	≤ 0.05	19
	RNF125/TRIM25	VL	-0.496	≤ 0.05	17

* correlation coefficient; N, number of patients used for the analysis