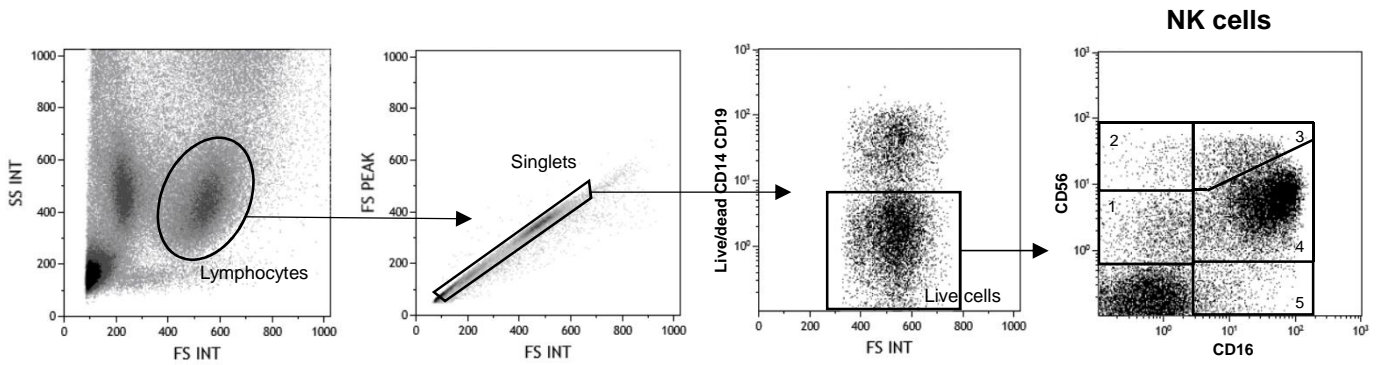
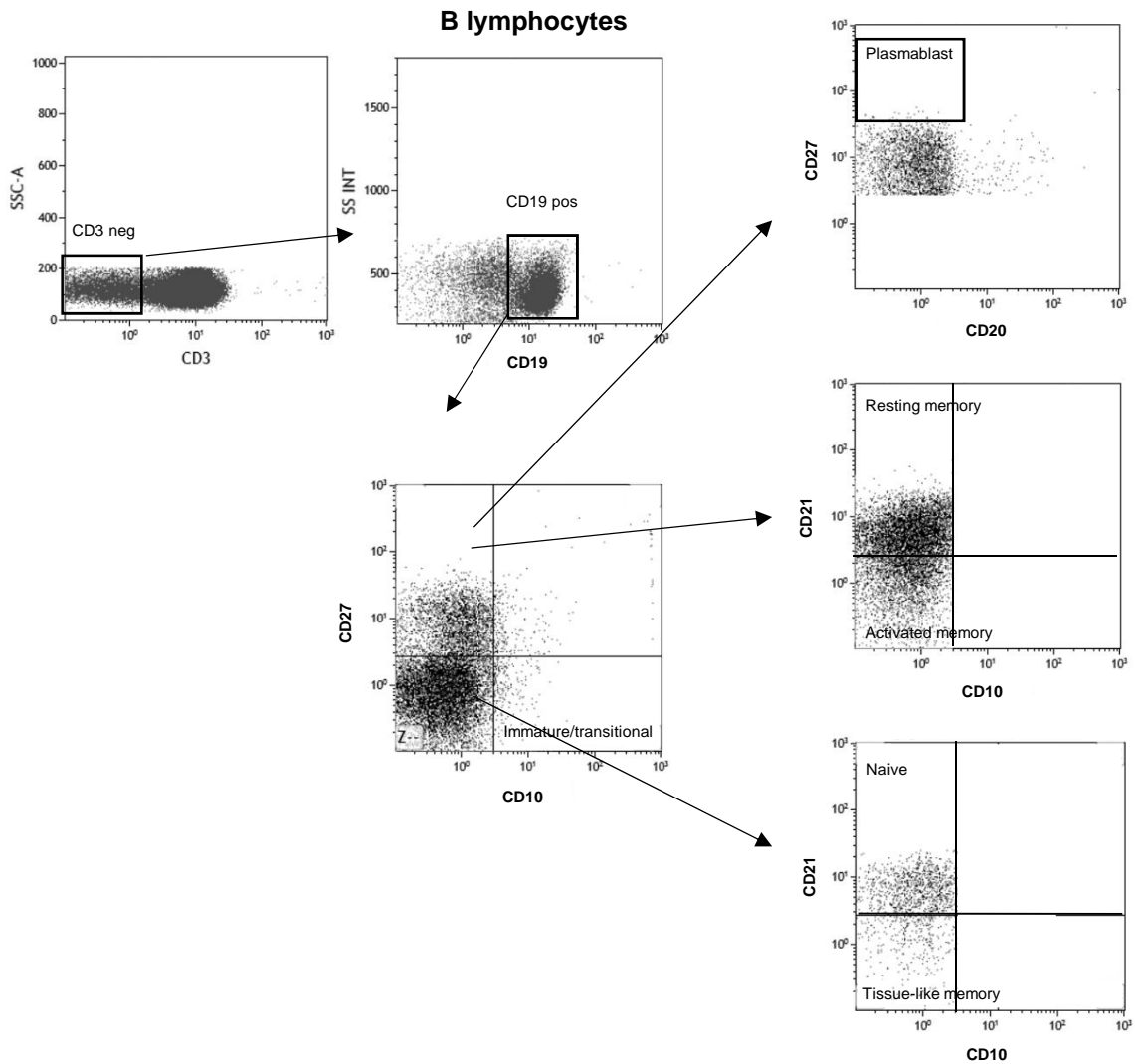


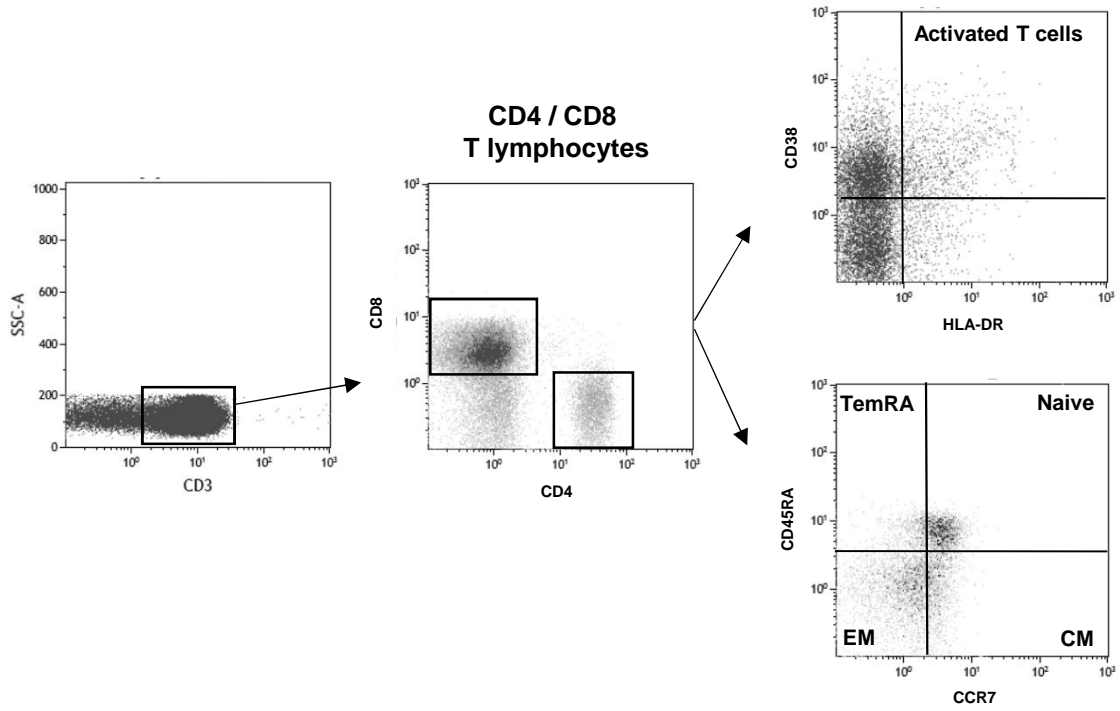
Supplementary Figure S1



Representative sample for flow-cytometric gating strategy for NK cells. After initially gating lymphocytes according to morphological parameters only singlets were further analyzed. Only live cells CD14- and CD19- were analyzed using CD56 and CD16. NK cells were name as follows: 1, CD56dimCD16-; 2, CD56bCD16-; 3, CD56bCD16+; 4, CD56dimCD16+; and 5 CD56-CD16+.



Representative sample for flow-cytometric gating strategy for B lymphocytes. After initially gating lymphocytes according to morphological parameters only singlets were further analyzed. Cells with CD3- phenotype were analyzed using CD19 (B lymphocytes). B lymphocytes were name initially according to CD27 and CD10, defining Immature/transitional (CD10+CD27-) cells; Plasmablasts (CD27++CD10-CD20-), Resting memory (CD27+CD21+CD10-), Activated memory (CD27+CD21-CD10-), Naive (CD27-CD21+CD10-), and Tissue-like memory (CD27-CD21-CD10-),



Representative sample for flow-cytometric gating strategy for T lymphocytes. After initially gating lymphocytes according to morphological parameters only singlets were further analyzed. Cells with CD3⁺ phenotype were analyzed using CD4 and CD8. Activated T cells were defined as the coexpression of CD38 and HLA-DR. T cell subsets were defined as: naïve (CD45RA+CCR7⁺), central memory (CM, CD45RA-CCR7⁺), effector memory (EM, CD45-CCR7⁻) and TemRA (CD45RA+CCR7⁻).

Supplementary Table S1

Biological samples		Pre cHL	cHL	Post cHL
HL group				
Plasma	Paired samples	11	21	12
	Single samples	4	4	7
PBMC	Paired samples	3	9	5
	Single samples	3		4
Control group				
Plasma			25	
PBMC			9	
Time of sample collection (months)		11 [5-28]		13 [10-22]

Supplementary Table S2

	CD4 count	CD8 count	CD4/CD8 ratio	miR-20a	miR-16	miR-106a	miR-21	miR-324	miR-185	miR-223	sCD14	sCD27	sCD30	IL2R
Nadir CD4 count	0.398 <0.001	-0.030 0.808	0.429 <0.001	0.032 0.851	0.036 0.836	0.048 0.779	0.102 0.552	-0.152 0.376	0.148 0.390	0.043 0.805	-0.126 0.465	-0.079 0.647	-0.025 0.884	-0.182 0.287
CD4 count		0.423 <0.001	0.609 <0.001	-0.180 0.253	0.306 0.049	0.322 0.037	-0.094 0.553	-0.377 0.014	0.061 0.700	-0.043 0.788	-0.020 0.899	-0.143 0.365	-0.248 0.113	-0.279 0.074
CD8 count			-0.344 0.003	0.059 0.748	0.374 0.035	0.330 0.065	-0.056 0.763	0.003 0.985	0.114 0.533	0.162 0.377	0.015 0.934	-0.068 0.712	-0.130 0.478	-0.148 0.418
CD4/CD8 ratio				-0.463 0.008	0.006 0.974	0.073 0.694	-0.221 0.225	-0.315 0.079	0.026 0.886	-0.137 0.454	-0.181 0.322	-0.254 0.160	-0.199 0.276	-0.202 0.268
miR-20a					-0.283 0.069	0.217 0.168	0.410 0.007	0.194 0.219	0.296 0.057	0.191 0.225	0.175 0.269	0.358 0.020	0.047 0.770	0.136 0.392
miR-16						0.144 0.364	-0.067 0.675	-0.213 0.176	0.035 0.828	0.166 0.293	-0.182 0.250	-0.249 0.111	-0.374 0.015	-0.291 0.062
miR-106a							0.198 0.208	-0.337 0.029	0.561 <0.001	0.430 0.005	-0.057 0.722	-0.014 0.930	-0.200 0.204	-0.223 0.156
miR-21								0.359 0.020	0.133 0.401	0.065 0.680	0.423 0.005	0.507 0.001	0.270 0.084	0.093 0.559
miR-324									-0.040 0.804	-0.020 0.898	0.140 0.377	0.206 0.190	0.292 0.061	0.144 0.363
miR-185										0.490 0.001	-0.240 0.125	-0.181 0.251	-0.228 0.146	-0.318 0.040
miR-223											-0.014 0.931	-0.154 0.392	-0.327 0.034	-0.235 0.134
sCD14												0.325 0.036	0.096 0.545	0.205 0.194
sCD27													0.567 <0.001	0.563 <0.001
sCD30														0.669 <0.001

Supplementary Table S3. Spanish AIDS Research Network (CoRIS), BioBank and collaborating Centers.

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