

Innate lymphoid cells are expanded and functionally altered in chronic lymphocytic leukemia

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doi:10.3324/haematol.2016.144725

Supplementary table: patient characteristics

Patient ID	Age	Sex	ALC (*10 ⁹ /L)	IgV _H mutational status
134	62	F	53.0	M-CLL
136	72	M	47.6	M-CLL
477	67	M	39.0	U-CLL
1202	55	F	179.3	U-CLL
1271	65	F	59.0	M-CLL
1394	76	F	96.2	M-CLL
346	49	M	67.0	U-CLL
442	67	F	20.2	M-CLL
1172	71	M	38.5	M-CLL
1455	60	F	52.6	U-CLL
1524	76	F	40.2	U-CLL
218	73	M	47.0	M-CLL
329	70	F	17.5	M-CLL
898	75	M	127.6	U-CLL
1043	71	F	18.1	M-CLL
1233	79	M	100.1	U-CLL
1245	60	M	73.1	M-CLL
468	52	M	132.0	U-CLL
866	60	F	36.6	M-CLL
1057	81	F	26.4	M-CLL
467	63	F	21.1	U-CLL
	Median	Female	Median	M-CLL
	67	57%	47.6	57%

Control ID	Age	Sex	ALC (*10 ⁹ /L)
B001	68	F	5.9
B002	68	M	9.5
B003	73	M	8.0
B004	75	F	5.0
B015	55	F	2.3
B016	70	M	2,1
B020	60	M	4.0
B024	61	M	4.0
	Median	Female	Median
	68	37.5%	4.5

ALC: absolute leukocyte count.

M-CLL: mutated IgVH genes

U-CLL: unmutated IgVH genes

Supplementary Figure 1

(A) Representative example of the gating strategy for total ILCs, ILC1s, ILC2s, NKp44⁻ ILC3s and NKp44⁺ ILC3s. (B) Expression of CD69 in total ILCs in CLL patients and age-matched HCs, as shown by geometric mean fluorescence intensity. (C) Subtype distribution of ILCs in M-CLL (n=12) and U-CLL (n=9) patients. (D) PBMCs depleted from T and B lymphocytes were stimulated with PMA/ionomycin for 4 hours. Representative example of the gating strategy for TNF- α and IFN- γ production in ILCs. Correlation between the percentage of ILC1s and percentage of ILCs producing TNF- α (E) and IFN- γ (F) in CLL patients as measured in Figure 2A.

