

**Table 3** Extended lymphocyte typization comparison between IEI+ and IEI- groups (qualitative variables)

		IEI+ group (n=19)		IEI- group (n=28)		Chi2
Variables		Obs	Prevalence (%)	Obs	Prevalence (%)	P-value
Basic features	Leukopenia	19	9/19 (47)	28	9/28 (32)	0.292
	Lymphopenia	19	8/19 (42)	28	2/28 (7)	<b>0.004</b>
	↓ CD4+/CD8+ ratio	19	5/19 (26)	24	3/24 (12)	0.248
CD4+ T-cell subsets	↓ CD3+CD4+ T cells (%†)	19	4/19 (21)	24	2/24 (8)	0.232
	↓ CD4+CD45RA+CCR7+ naïve T cells (%‡)	18	11/18 (61)	16	1/16 (6)	<b>0.001</b>
	↑ CD4+CD45RA-CCR7- effector memory T cells (%‡)	18	9/18 (50)	16	0/16 (0)	<b>0.001</b>
	↓ CD4+CD127-CCR7+CD25++ regulatory T cells (%‡)	18	13/18 (72)	15	4/15 (27)	<b>0.009</b>
CD8+ T-cell subsets	↓ CD3+CD8+ T cells (%†)	19	2/19 (10)	24	2/24 (8)	0.806
	↓ CD8+CD45RA+CCR7+ naïve T cells (%§)	18	5/18 (28)	16	0/16 (0)	<b>0.022</b>
	↑ CD8+CD45RA-CCR7- late effector T cells (%§)	18	2/18 (11)	16	2/16 (12)	0.900
Other cell subsets	↓ CD56+CD16+CD3- natural killer cells (%†)	19	2/19 (10)	24	5/24 (21)	0.363
	↑ TCRαβ+CD3+CD4-CD8- double negative T cells (%¶)	18	8/18 (44)	19	3/19 (16)	0.057
CD19+ B-cell subsets	↓ CD19+ PAN-B cells (%†)	19	2/19 (10)	21	7/21 (33)	0.085
	↓ CD19+IgM++CD38++ transitional B cells (%††)	18	5/18 (28)	16	1/16 (6)	0.100
	↓ CD19+IgD+CD27+ memory B cells (%††)	18	4/18 (22)	16	0/16 (0)	<b>0.045</b>
	↓ CD19+IgD-CD27+ switched memory B cells (%††)	18	7/18 (39)	16	0/16 (0)	<b>0.005</b>
	↑ CD19+CD21+ICD38- (CD21low) B cells (%††)	18	8/18 (44)	16	0/16 (0)	<b>0.002</b>
Immunoglobulin levels	Hypogammaglobulinemia (at least 1 class‡‡)	19	17/19 (89)	25	9/25 (36)	<b>0&lt;.001</b>
	Hypogammaglobulinemia (at least 2 classes‡‡)	19	13/19 (68)	25	3/25 (12)	<b>0&lt;.001</b>

Abbreviations: IEI, Inborn errors of immunity; obs, observations.

Legend: ↓, decrease; ↑, increase.

† % total lymphocytes.

‡ % total CD4+ cells.

§ % total CD8+ cells.

¶ % TCRαβ+CD3+ cells.

†† % total CD19+ cells.

‡‡ Only IgG, IgA and IgM classes were analysed.