

Table 2. Cytokine expression in Tax expressing cells and in non-Tax expressing cells

	HAM/TSP (n=15)	AC				not-infected	
		High load (n=14)	P	Low load (n=9)	P	(n = 6)	P
IFN- γ + total cell (%)	0.20 \pm 0.16	0.08 \pm 0.05	0.015 (W)	0.12 \pm 0.05	0.08 (W)	0.04 \pm 0.03	0.002 (W)
IFN- γ + Tax- cell (%)	0.08 \pm 0.10	0.05 \pm 0.03	0.187 (W)	0.08 \pm 0.04	0.86 (W)	0.04 \pm 0.03	0.19 (W)
Intensity of IFN- γ + Tax- cell	5.33 \pm 2.07	5.77 \pm 1.44	0.52 (S)	5.67 \pm 1.33	0.67 (S)	6.36 \pm 1.90	0.34 (S)
IFN- γ + Tax+ cell (%)	0.119 \pm 0.117	0.039 \pm 0.043	0.023 (W)	0.048 \pm 0.056	0.04 (W)		
Intensity of IFN- γ + Tax+ cell	4.19 \pm 0.81	5.17 \pm 2.61	0.20 (W)	4.70 \pm 0.95	0.18 (S)		
IFN- γ + / Tax+ cell (%)	4.48 \pm 2.52	1.56 \pm 1.07	0.0006 (W)	4.14 \pm 2.92	0.77 (S)		
TNF- α + total cell (%)	0.12 \pm 0.07	0.08 \pm 0.04	0.11 (S)	0.10 \pm 0.08	0.50 (S)	0.05 \pm 0.07	0.08 (S)
TNF- α + Tax- cell (%)	0.09 \pm 0.07	0.07 \pm 0.04	0.32 (S)	0.09 \pm 0.08	0.80 (S)	0.05 \pm 0.07	0.25 (S)
Intensity of TNF- α + Tax- cell	5.79 \pm 2.56	5.59 \pm 1.32	0.79 (W)	5.28 \pm 1.33	0.60 (S)	5.46 \pm 2.29	0.78 (S)
TNF- α + Tax+ cell (%)	0.025 \pm 0.014	0.009 \pm 0.007	0.0016 (S)	0.009 \pm 0.004	0.0009 (W)		
Intensity of TNF- α + Tax+ cell	8.90 \pm 5.67	5.15 \pm 2.75	0.03 (W)	3.00 \pm 0.66	0.001 (W)		
TNF- α + / Tax+ cell (%)	1.511 \pm 1.533	0.462 \pm 0.367	0.02 (W)	1.296 \pm 0.859	0.69 (S)		
IL-4+ total cell (%)	0.20 \pm 0.23	0.23 \pm 0.24	0.68 (W)	0.15 \pm 0.09	0.47 (W)	0.04 \pm 0.03	0.02 (W) ^{a)}
IL-4+ Tax- cell (%)	0.19 \pm 0.22	0.23 \pm 0.24	0.65 (S)	0.15 \pm 0.09	0.54 (W)	0.04 \pm 0.03	0.02 (W) ^{b)}
Intensity of IL-4+ Tax- cell	7.53 \pm 2.71	12.3 \pm 3.15	0.002 (S)	8.64 \pm 2.34	0.32 (S)	3.64 \pm 0.43	0.0001 (W)
IL-4+ Tax+ cell (%)	0.008 \pm 0.010	0.005 \pm 0.006	0.32 (S)	0.001 \pm 0.003	0.028 (W)		
IL-4+ / Tax+ cell (%)	0.42 \pm 0.52	0.23 \pm 0.27	0.22 (W)	0.16 \pm 0.37	0.21 (S)		

P values were calculated against HAM/TSP.

a) P values was 0.012 when calculated against AC (high load) and was 0.009 when calculated against AC (low load).

b) P values was 0.013 when calculated against AC (high load) and was 0.009 when calculated against AC (low load).

Statistical analysis methods used are shown in parentheses. S; Student's t-test, W; Welch's t-test.