

Supplementary Table 1. Summary scores of Th1/Th17 immunohistochemistry in PBC.

Sex	Age	Scheuer's Stage	PT# ¹	Avg. Th1 Score	Avg. Th17 Score	Th1/Th17	Log ₂ (Th1/Th17)
F	43	1	2	7.0	6.8	1.0	0.05
M	62	1	2	8.0	8.0	1.0	0.00
F	61	1	3	6.5	6.8	1.0	-0.05
F	67	1	6	8.5	8.2	1.0	0.06
F	46	1	5	7.8	7.0	1.1	0.16
F	56	2	6	9.8	9.8	1.0	0.00
F	52	1	5	7.6	8.0	1.0	-0.07
F	59	1	4	7.0	9.5	0.7	-0.44
M	54	2	7	5.2	4.3	1.2	0.28
M	59	3	8	8.5	9.0	0.9	-0.08
M	68	3	6	6.7	7.8	0.9	-0.23
M	55	2	5	7.2	7.8	0.9	-0.12
F	79	1	4	7.0	7.5	0.9	-0.10
F	53	3	5	8.4	7.2	1.2	0.22
F	54	1	3	7.7	6.3	1.2	0.28
F	67	1	5	8.8	8.2	1.1	0.10
F	66	3	5	8.6	9.0	1.0	-0.07
F	49	3	6	8.8	7.5	1.2	0.24
F	57	3	3	8.5	10.2	0.8	-0.26
F	51	1	5	9.0	8.6	1.0	0.07
M	63	3	6	7.8	7.8	1.0	-0.02
M	60	1	6	9.6	8.0	1.2	0.26
F	56	4	4	6.1	6.0	1.0	0.03
F	54	2	4	5.9	5.0	1.2	0.23

F	49	4	4	2.8	6.0	0.5	-1.13
F	52	1	6	4.8	4.8	1.0	0.00
F	50	3	3	8.3	8.0	1.0	0.06
M	40	3	4	4.0	7.3	0.6	-0.86
F	55	4	5	5.7	6.5	0.9	-0.19
F	50	2	11	5.6	6.6	0.8	-0.25
M	63	3	8	4.3	8.8	0.5	-1.02
M	61	4	7	7.1	4.1	1.8	0.81
F	34	1	1	4.5	3.5	1.3	0.36
F	60	3	7	8.9	8.7	1.0	0.02
F	43	3	9	5.9	6.6	0.9	-0.14
F	57	4	7	7.1	6.2	1.1	0.20
F	66	4	6	7.8	9.3	0.8	-0.27
F	66	4	5	6.1	7.3	0.8	-0.26
F	43	2	2	3.0	3.5	0.9	-0.22
F	48	4	4	6.0	6.6	0.9	-0.14
F	31	3	3	6.8	8.3	0.8	-0.29
F	52	4	11	6.7	8.7	0.8	-0.39
F	60	3	7	9.9	9.7	1.0	0.03
F	62	3	3	4.3	8.2	0.5	-0.91
F	30	3	3	4.3	5.7	0.8	-0.39
F	47	4	6	3.9	7.8	0.5	-1.00
F	65	4	3	8.3	5.3	1.6	0.64
F	50	3	3	4.5	7.0	0.6	-0.64
M	31	1	5	3.8	4.6	0.8	-0.28
M	22	3	4	4.5	7.8	0.6	-0.78
F	58	2	3	4.2	8.7	0.5	-1.06

¹ Number of portal tracts evaluated in each subject

Supplementary Table 2. Summary scores of Th1/Th17 immunohistochemistry in AIH.

Sex	Age	Stage	PT# ¹	Avg. Th1 Score	Avg. Th17 Score	Th1/Th17	Log ₂ (Th1/Th17)
F	61	3	9	5.4	3.4	1.6	0.65
F	47	3	4	7.9	4.8	1.7	0.73
F	26	3	6	4.3	5.3	0.8	-0.33
F	55	2	3	3.5	5.5	0.6	-0.65
F	58	1	9	8.1	6.1	1.3	0.41
F	65	4	5	7.6	4.1	1.9	0.89
F	53	3	4	6.0	8.0	0.8	-0.42
M	62	3	2	4.5	6.0	0.8	-0.42
F	59	4	6	7.5	5.8	1.3	0.38
F	56	3	4	8.3	3.6	2.3	1.19
F	43	2	6	7.1	3.8	1.8	0.89
F	28	2	6	7.5	4.0	1.9	0.91
F	49	1	3	1.7	3.8	0.4	-1.20
F	50	4	5	7.7	4.3	1.8	0.84
F	54	1	3	3.8	5.7	0.7	-0.56
F	60	2	2	3.0	7.0	0.4	-1.22
F	48	3	1	2.5	5.5	0.5	-1.14
F	50	2	5	4.5	7.1	0.6	-0.66
M	38	2	3	8.8	4.0	2.2	1.14
M	27	0	5	2.0	3.9	0.5	-0.96
F	54	3	3	7.2	6.0	1.2	0.26
F	39	0	8	8.9	9.9	0.9	-0.16
F	56	4	5	4.4	3.9	1.1	0.17
F	55	3	4	8.0	7.8	1.0	0.05

F	55	3	4	3.6	7.0	0.5	-0.95
F	11	0	3	8.2	4.3	1.9	0.91
F	40	1	2	2.8	3.8	0.7	-0.45
F	62	3	2	7.3	4.0	1.8	0.86
M	17	3	9	6.8	5.1	1.3	0.41
F	64	2	3	7.0	8.5	0.8	-0.28
F	23	1	2	7.8	6.3	1.2	0.31
F	54	2	4	9.9	5.9	1.7	0.75
M	37	3	3	2.5	7.3	0.3	-1.55
F	35	2	4	7.9	8.8	0.9	-0.15
F	56	2	2	5.5	6.0	0.9	-0.13
F	50	3	2	4.8	5.0	1.0	-0.07
F	45	1	2	6.0	6.3	1.0	-0.06
F	48	0	1	5.5	5.0	1.1	0.14
F	52	4	3	4.3	7.8	0.6	-0.85
M	30	0	4	3.6	2.5	1.5	0.54
M	45	3	6	3.1	8.1	0.4	-1.39

¹ Number of portal tracts evaluated in each subject

Supplementary Table 3. Summary scores of Th1/Th17 immunohistochemistry in HBV.

Sex	Age	Stage	PT#¹	Avg. Th1 Score	Avg. Th17 Score	Th1/Th17	Log₂ (Th1/Th17)
M	49	4	7	3.7	2.4	1.6	0.66
F	48	4	7	6.4	3.0	2.1	1.10
M	39	4	4	7.5	5.3	1.4	0.51
M	62	3	4	7.9	4.0	2.0	0.98
M	48	1	1	5.5	5.5	1.0	0.00
F	27	1	5	4.8	3.3	1.5	0.54
F	45	1	8	2.9	4.5	0.7	-0.62
M	37	4	5	2.7	4.4	0.6	-0.70
M	52	4	4	5.0	6.3	0.8	-0.32
M	22	0	2	4.3	3.0	1.4	0.50
M	36	4	4	4.4	5.4	0.8	-0.30
M	39	3	5	3.4	3.9	0.9	-0.20
M	40	3	8	4.4	5.4	0.8	-0.28
F	65	3	4	3.9	3.1	1.2	0.31
M	39	3	8	7.6	6.6	1.2	0.20
M	41	3	5	5.6	3.3	1.7	0.76
M	50	0	6	3.8	6.3	0.6	-0.71
M	54	0	1	7.5	2.5	3.0	1.58
F	37	4	2	3.8	3.5	1.1	0.10
M	35	1	2	4.8	5.3	0.9	-0.14
F	55	1	1	5.0	4.0	1.3	0.32
M	41	2	3	7.0	4.0	1.8	0.81
F	35	0	4	3.3	5.8	0.6	-0.82
M	50	1	2	7.5	4.0	1.9	0.91

F	32	0	1	4.5	4.0	1.1	0.17
M	39	4	5	3.5	0.8	4.4	2.13

¹ Number of portal tracts evaluated in each subject

Supplementary Table 4. Summary scores of Th1/Th17 immunohistochemistry in HCV.

Sex	Age	Stage	PT#¹	Avg. Th1 Score	Avg. Th17 Score	Th1/Th17	Log₂ (Th1/Th17)
M	43	1	8	5.4	8.5	0.6	-0.66
F	53	1	4	4.5	9.3	0.5	-1.04
F	67	2	12	4.2	5.1	0.8	-0.28
F	56	2	8	5.9	7.6	0.8	-0.36
F	60	1	9	8.2	8.6	1.0	-0.06
F	68	2	7	5.9	10.1	0.6	-0.79
F	72	2	3	6.1	10.5	0.6	-0.78
F	58	1	4	6.5	9.8	0.7	-0.58
M	72	1	4	7.8	10.3	0.8	-0.40
F	45	1	3	7.0	11.3	0.6	-0.70
F	76	3	3	7.7	11.7	0.7	-0.61
F	68	1	4	4.3	7.5	0.6	-0.82
F	68	2	5	7.8	10.6	0.7	-0.44

¹ Number of portal tracts evaluated in each subject