

## 2. Supplementary Tables

### 2.1 Supplementary Table 1: Cell counts, MM and MMP of the full cohort.

<b>A</b>			
	Patients developing BI in 90 days (N = 97)	Patients not developing BI in 90 days (N = 138)	P value
Absolute value of CD3+ cells (/ML)	938.45 ± 645.39	1445.82 ± 622.83	<0.001
Percentage of CD3+ cells (%)	67.49 ± 13.21	73.66 ± 9.58	<0.001
Absolute value of CD3+CD4+ cells (/ML)	540.84 ± 415.95	849.89 ± 394.69	<0.001
Percentage of CD3+CD4+ cells (%)	38.86 ± 12.02	43.50 ± 9.36	0.001
Absolute value of CD3+CD8+ cells (/ML)	320.46 ± 250.12	476.96 ± 259.49	<0.001
Percentage of CD3+CD8+ cells (%)	22.63 ± 9.54	24.14 ± 9.13	0.22
Ratio of CD4 +T cells to CD8+ T cells	2.14 ± 1.55	2.15 ± 1.16	0.95
MM of CD3+ cells	2.72 ± 1.60	2.03 ± 1.35	<0.001
MM of CD3+CD4+ cells	3.42 ± 1.89	2.75 ± 1.61	0.004
MM of CD3+CD8+ cells	1.64 ± 1.28	0.95 ± 0.77	<0.001
MM of CD3+CD4+CD8+ cells	3.26 ± 2.28	2.57 ± 1.81	0.01
MM of CD3+CD4-CD8- cells	0.83 ± 0.91	0.53 ± 0.51	0.004
MMP of CD3+ cells	31.46 ± 10.92	37.56 ± 12.06	<0.001
MMP of CD3+CD4+ cells	20.29 ± 12.95	24.60 ± 13.55	0.02
MMP of CD3+CD8+ cells	42.38 ± 11.58	55.59 ± 11.08	<0.001
MMP of CD3+CD4+CD8+ cells	29.06 ± 17.57	33.23 ± 16.94	0.07
MMP of CD3+CD4-CD8- cells	54.62 ± 18.50	63.91 ± 16.06	<0.001
<b>B</b>			
	Patients developing ACLF in 90 days (N = 29)	Patients not developing ACLF in 90 days (N = 206)	P value
Absolute value of CD3+ cells (/ML)	626.31 ± 232.72	1322.28 ± 677.03	<0.001
Percentage of CD3+ cells (%)	65.99 ± 16.14	71.84 ± 10.67	0.07
Absolute value of CD3+CD4+ cells (/ML)	366.75 ± 183.52	772.38 ± 432.04	<0.001
Percentage of CD3+CD4+ cells (%)	38.62 ± 15.56	42.00 ± 9.88	0.11
Absolute value of CD3+CD8+ cells (/ML)	204.11 ± 124.08	441.68 ± 268.33	<0.001
Percentage of CD3+CD8+ cells (%)	21.51 ± 11.89	23.80 ± 8.89	0.22
Ratio of CD4 +T cells to CD8+ T cells	2.32 ± 1.56	2.12 ± 1.30	0.44
MM of CD3+ cells	3.01 ± 1.21	2.22 ± 1.50	0.007
MM of CD3+CD4+ cells	4.04 ± 2.05	2.89 ± 1.67	0.001
MM of CD3+CD8+ cells	1.63 ± 0.97	1.18 ± 1.07	0.03
MM of CD3+CD4+CD8+ cells	3.14 ± 2.24	2.81 ± 2.01	0.42

MM of CD3+CD4-CD8- cells	1.09 ± 0.84	0.59 ± 0.68	0.005
MMP of CD3+ cells	29.16 ± 8.72	35.87 ± 12.14	0.004
MMP of CD3+CD4+ cells	18.77 ± 10.32	23.39 ± 13.75	0.08
MMP of CD3+CD8+ cells	38.28 ± 12.56	51.66 ± 12.39	<0.001
MMP of CD3+CD4+CD8+ cells	32.20 ± 17.74	31.42 ± 17.26	0.82
MMP of CD3+CD4-CD8- cells	47.53 ± 17.28	61.84 ± 17.04	<0.001

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MM: mitochondrial mass; MMP: mitochondrial membrane potential.