

**Supplementary Table 1 Primer sequences used for real-time qPCR in detection of gene expression in liver cancer and paracancerous tissues**

<b>Gene name</b>	<b>GenBank accession</b>	<b>Sequence (5'→3')</b>
<i>CD8A</i>	NM_001768	F: ACTTGTGGGGTCCTTCTCCTGT R: TGTCTCCCGATTTGACCACAGG
<i>KLRB1 (CD161)</i>	NM_002258	F:GTTCCACCAAAGAATCCAGCCTG R:AAGAGCCGTTTATCCACTTCCAG
<i>PDCD1-1(PD-1)</i>	NM_005018	F: AAGGCGCAGATCAAAGAGAGCC R: CAACCACCAGGGTTTGGAAGCTG
<i>GAPDH</i>	NM_002046	F: GTCTCCTCTGACTTCAACAGCG R: ACCACCCTGTTGCTGTAGCCAA

**Supplementary Table 2 Co-expressed genes of *KLRB1***

<b>Gene name</b>	<b>Gene locations</b>	<b>Correlation coefficient (r)</b>	<b>P value</b>
CD3E	11q23.3	0.849135593	2.82E-101
CD6	11q12.2	0.836961502	9.45E-96
CD247	1q24.2	0.834559477	1.03E-94
ACAP1	17p13.1	0.831452253	2.13E-93
CD48	1q23.3	0.830883008	3.68E-93