

Supplementary Table S3

Clinicopathological characteristics of the patients in each functional compound KIR-HLA genotype group

Characteristics	Overall patients											
	KIR2DL1-C2			KIR2DL2-C1			KIR3DL1-Bw4			KIR3DL2-A3/11		
	positive N = 24	negative N = 146	<i>P</i> value	positive N = 17	negative N = 153	<i>P</i> value	positive N = 134	negative N = 36	<i>P</i> value	positive N = 27	negative N = 143	<i>P</i> value
Age *												
median (range)	64.5 (50 - 80)	65.5 (39 - 86)	0.694	70 (61 - 79)	65 (39 - 86)	0.021	65 (39 - 86)	68 (47 - 82)	0.760	66 (39 - 80)	65 (39 - 86)	0.806
Sex *												
male / female	18 / 6	111 / 35	0.914	14 / 3	115 / 38	0.498	102 / 32	27 / 9	0.890	18 / 9	111 / 32	0.236
Etiology *												
HBV / HCV / others	6 / 15 / 3	36 / 82 / 28		1 / 12 / 4	41 / 85 / 27		31 / 78 / 25	11 / 19 / 6		7 / 19 / 1	35 / 78 / 30	
HBV / others	6 / 18	36 / 110	0.971	1 / 16	41 / 112	0.032	31 / 103	11 / 25	0.368	7 / 20	35 / 108	0.873
HCV / others	15 / 9	82 / 64	0.559	12 / 5	85 / 68	0.226	78 / 56	19 / 17	0.560	19 / 8	78 / 65	0.122
non-viral / viral	3 / 21	28 / 118	0.414	4 / 13	27 / 126	0.563	25 / 109	6 / 30	0.782	1 / 26	30 / 113	0.014
Tumor number*												
median (range)	1 (1 - 4)	1 (1 - 20)	0.691	1 (1 - 4)	1 (1 - 20)	0.411	1 (1 - 20)	1 (1 - 4)	0.522	1 (1 - 4)	1 (1 - 20)	0.678
1 / ≥2	17 / 7	99 / 47	0.767	13 / 4	103 / 50	0.431	91 / 43	25 / 11	0.860	19 / 8	97 / 46	0.794
Maximum diameter * (mm)												
median (range)	22 (13 - 115)	28 (8 - 155)	0.138	30 (10 - 76)	28 (8 - 150)	0.994	28 (8 - 155)	25 (9 - 150)	0.150	25 (10 - 155)	28 (8 - 150)	0.366
≤50 / >50	20 / 4	126 / 20	0.704	15 / 2	131 / 22	0.764	113 / 21	33 / 3	0.237	24 / 3	122 / 21	0.615
Histological differentiation *												
G1+G2 / G3	20 / 4	133 / 13	0.271	16 / 1	137 / 16	0.524	121 / 13	32 / 4	0.805	23 / 4	130 / 13	0.386
Vascular invasion *												
negative / positive	15 / 9	105 / 41	0.357	15 / 2	105 / 48	0.069	97 / 37	23 / 13	0.327	18 / 9	102 / 41	0.629
Satellite lesion *												
negative / positive	20 / 4	119 / 27	0.828	14 / 3	125 / 28	0.947	106 / 28	33 / 3	0.063	22 / 5	117 / 26	0.967
Surgical margin (mm) *												
< 5 / ≥5	20 / 4	129 / 17	0.504	16 / 1	133 / 20	0.352	122 / 12	27 / 9	0.016	24 / 3	125 / 18	0.829
TNM stage (UICC ^{7th})												
I / II / IIIA	9 / 14 / 1	71 / 58 / 17	0.176	12 / 3 / 2	68 / 69 / 16	0.067	64 / 56 / 14	16 / 16 / 4	0.939	12 / 13 / 2	68 / 59 / 16	0.730
Characteristics	Matched patients											
	KIR2DL1-C2			KIR2DL2-C1			KIR3DL1-Bw4			KIR3DL2-A3/11		
	positive N = 24	negative N = 48	<i>P</i> value	positive N = 17	negative N = 34	<i>P</i> value	positive N = 72	negative N = 36	<i>P</i> value	positive N = 27	negative N = 54	<i>P</i> value
Age *												
median (range)	64.5 (50 - 80)	67.5 (42 - 86)	0.628	70 (61 - 79)	69 (53 - 86)	0.733	65.5 (39 - 86)	68 (47 - 82)	0.927	66 (39 - 80)	65.5 (39 - 84)	1.000
Sex *												
male / female	18 / 6	37 / 11	0.845	14 / 3	26 / 8	0.626	53 / 19	27 / 9	0.876	18 / 9	39 / 15	0.608
Etiology *												
HBV / HCV / others	6 / 15 / 3	14 / 27 / 7		1 / 12 / 4	6 / 22 / 6		14 / 14 / 44	11 / 19 / 6		7 / 19 / 1	11 / 39 / 4	
HBV / others	6 / 18	14 / 34	0.708	1 / 16	6 / 28	0.221	14 / 58	11 / 25	0.203	7 / 20	11 / 43	0.574
HCV / others	15 / 9	27 / 21	0.611	12 / 5	22 / 12	0.673	44 / 28	19 / 17	0.409	19 / 8	39 / 15	0.862
non-viral / viral	3 / 21	7 / 41	0.808	4 / 13	6 / 28	0.622	14 / 58	6 / 30	0.724	1 / 26	4 / 50	0.496
Tumor number *												
median (range)	1 (1 - 4)	1 (1 - 4)	0.722	1 (1 - 4)	1 (1 - 3)	0.821	1 (1 - 10)	1 (1 - 4)	0.571	1 (1 - 4)	1 (1 - 20)	0.861
1 / ≥2	17 / 7	36 / 12	0.707	13 / 4	27 / 7	0.811	54 / 18	25 / 11	0.542	19 / 8	38 / 16	1.000
Maximum diameter * (mm)												
median (range)	22 (13 - 115)	29 (14 - 155)	0.113	30 (10 - 76)	26.5 (10 - 65)	0.689	23 (10 - 120)	25 (9 - 150)	0.837	25 (10 - 155)	27 (10 - 105)	0.837
≤50 / >50	20 / 4	42 / 6	0.634	15 / 2	131 / 22	0.473	67 / 5	33 / 3	0.797	24 / 3	48 / 6	1.000
Histological differentiation *												
G1+G2 / G3	20 / 4	41 / 7	0.818	16 / 1	30 / 4	0.488	68 / 4	32 / 4	0.312	23 / 4	46 / 8	1.000
Vascular invasion *												
negative / positive	15 / 9	27 / 21	0.611	15 / 2	33 / 1	0.224	51 / 21	23 / 13	0.466	18 / 9	34 / 20	0.742
Satellite lesion *												
negative / positive	20 / 4	40 / 8	1.000	14 / 3	29 / 5	0.787	68 / 4	33 / 3	0.587	22 / 5	43 / 11	0.843
Surgical margin (mm) *												
< 5 / ≥5	20 / 4	39 / 9	0.828	16 / 1	32 / 2	1.000	61 / 11	27 / 9	0.228	24 / 3	47 / 7	0.810
TNM stage (UICC ^{7th})												
I / II / IIIA	9 / 14 / 1	20 / 23 / 5	0.536	12 / 3 / 2	26 / 8 / 0	0.120	37 / 31 / 4	16 / 16 / 4	0.551	12 / 13 / 2	22 / 28 / 4	0.948

P value calculated by χ^2 test or Wilcoxon test.

* used for propensity matching as adjusting variables