

Supplementary Table 1

	Total (n = 118)	HMGB1 expression		P value
		Low expression (n = 59)	High expression (n =59)	
Gender				0.708
Male	70	34	36	
Female	48	25	23	
Age				0.853
<60	67	34	33	
≥60	51	25	26	
Differentiation				0.067
Well	12	5	7	
Modest	74	43	31	
Poor	32	11	21	
Stage				0.527
0	1	1	0	
I	3	1	2	
IIA	77	41	36	
IIB	12	4	8	
III	24	11	13	
IVB	1	1	0	
T stage				0.587
T0	1	1	0	
T1	3	1	2	
T2	44	20	24	
T3	69	36	33	
T4	1	1	0	
N stage				0.035
Nx	6	6	0	
N0	75	37	38	
N1	37	16	21	

Supplementary Table 2

	Total (n = 125)	Subgroup 1 Both low (n = 27)	Subgroup 2 Low HMGB1/High CD20Ki67 (n = 34)	Subgroup 3 High HMGB1/Low CD20Ki67 (n = 33)	Subgroup 4 Both high (n = 31)	P value
Gender						0.656
Male	78	15	22	23	18	
Female	47	12	12	10	13	
Age						0.586
<60	64	11	17	18	18	
≥60	61	16	17	15	13	
Differentiation						0.093
Well	14	1	2	4	7	
Modest	78	19	19	24	16	
Poor	33	7	13	5	8	
Stage						0.258
0	1	1	0	0	0	
I	3	1	2	0	0	
IIA	63	11	20	19	13	
IIIB	12	0	4	3	5	
III	42	12	6	11	13	
IV/A	2	1	1	0	0	
IV/B	2	1	1	0	0	
T stage						0.205
T0	1	1	0	0	0	
T1	3	1	2	0	0	
T2	38	5	15	9	9	
T3	82	20	16	24	22	
T4	1	0	1	0	0	
N stage						0.055
Nx	5	1	0	4	0	
N0	62	12	22	15	13	
N1	58	14	12	14	18	

Supplementary Table 3

qRT-PCR primer	
HUMAN	
VEGFA-F	5'ATCTGCATGGTGATGTTGGA'3
VEGFA-R	5'GGGCAGAATCATCACGAAGT'3
EDN1-F	5'AGAGTGTGTCTACTTCTGCCA'3
EDN1-R	5'CTTCCAAGTCCATACGGAACAA'3
VEGFR2-F	5'GTGATCGGAAATGACACTGGAG'3
VEGFR2-R	5'CATGTTGGTCACTAACAGAAGCA'3
CD31-F	5'ACCGTGACGGAATCCTTCTCT'3
CD31-R	5'GCTGGACTCCACTTTGCAC'3
PAX5-F	5'ACTTGCTCATCAAGGTGTCAG'3
PAX5-R	5'TCCTCCAATTACCCAGGCTT'3
IRF4-F	5'GCTGATCGACCAGATCGACAG'3
IRF4-R	5'CGGTTGTAGTCCTGCTTGC'3
BCL2-F	5'GGTGGGGTGCATGTGTGTGG'3
BCL-R	5'CGGTTTCAGTACTCAGTCATCC'3
BACH2-F	5'GCACATTCGGGAAGATAACTC'3
BACH2-R	5'GGGCGGCTCACTTTTAATCTG'3
IL8-F	5'ACCGGAAGGAACCATCTCAC'3
IL8-R	5'AAACTGCACCTTCACACAGAG'3
HMGB1-F	5'GCGGACAAGGCCCGTTA'3
HMGB1-R	5'AGAGGAAGAAGGCCGAAGGAA'3
beta-actin-F	5'AGCACAGAGCCTCGCCTTT'3
beta-actin-R	5'ATCATCATCCATGGTGAGCTGG'3
CXCR5-F	5'CACGTTGCACCTTCTCCAA'3
CXCR5-R	5'GGAATCCC GCCACATGGTAG'3
CCR7-F	5'GATACCTACCTGCTCAACCTG'3
CCR7-R	5'AAGTGGACACCGAAGACCC'3
MICE	
vegfr1-F	5'TGGACCCAGATGAAGTTCCC'3
vegfr1-R	5'GCGATTTGCCTAGTTTCAGTCT'3
vegfr2-F	5'AGCACTGGTCCTATGGGTTG'3
vegfr2-R	5'GGTTCTGCCATTTGATCCA'3
fgfr1-F	5'ATACGTGTTGGCGGGTAACTC'3
fgfr2-R	5'TGGAGTGGTCATCGCCACCTTAAT'3
gapdh-1	5'AGGTCGGTGTGAACGGATTTG'3
gapdh-2	5'TGTAGACCATGTAGTTGAGGTCA'3
Transfection and cloning of HMGB1 expression constructs	
HMGB1-CLO-F-NheI	5'CGGCTAGC TTCGGTGCACGAAAATAACTAA'3
HMGB1-CLO-R-XhoI	5'CGCTCGAG AGTGAGTTGTGTACAGGGGG'3