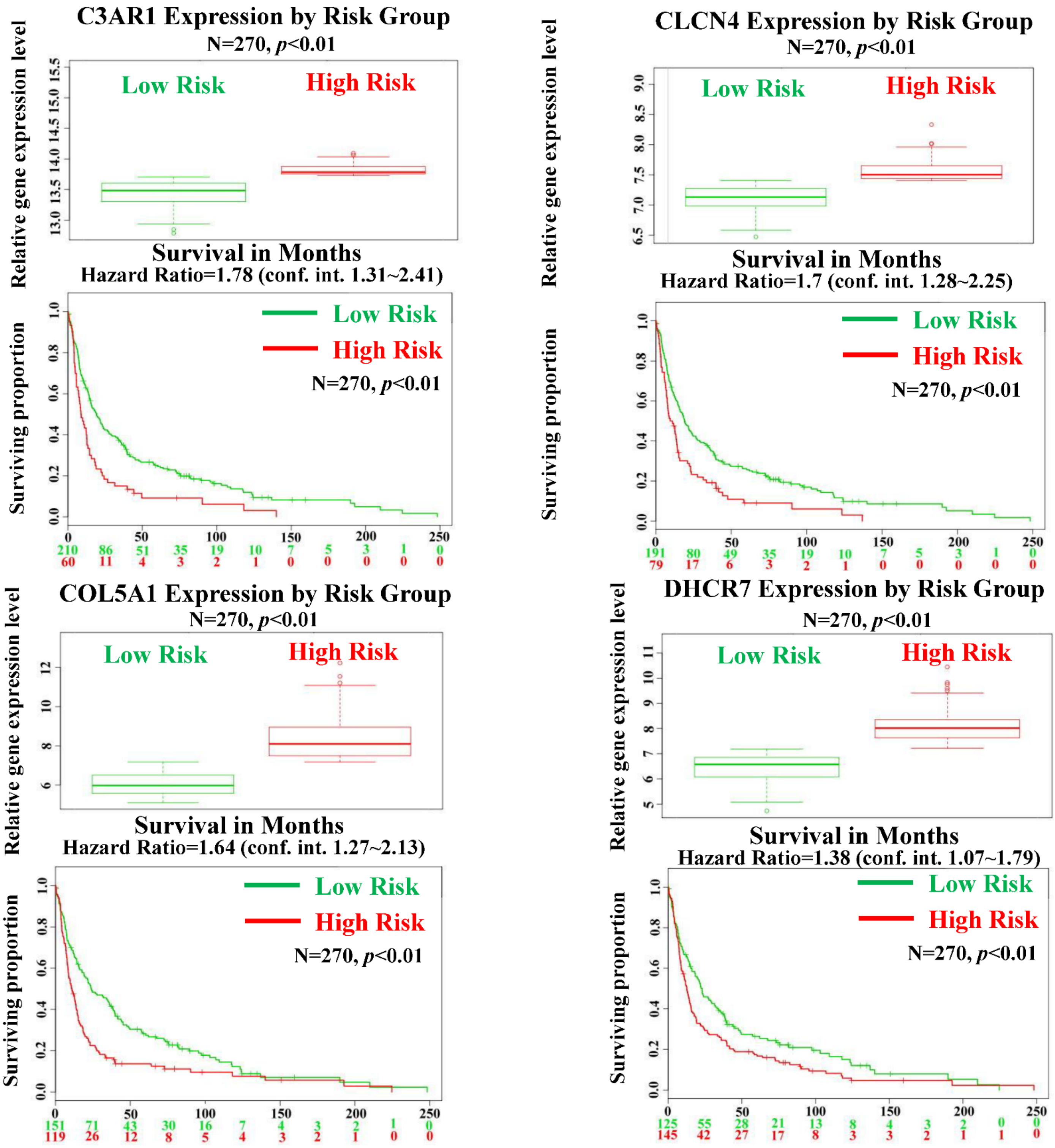
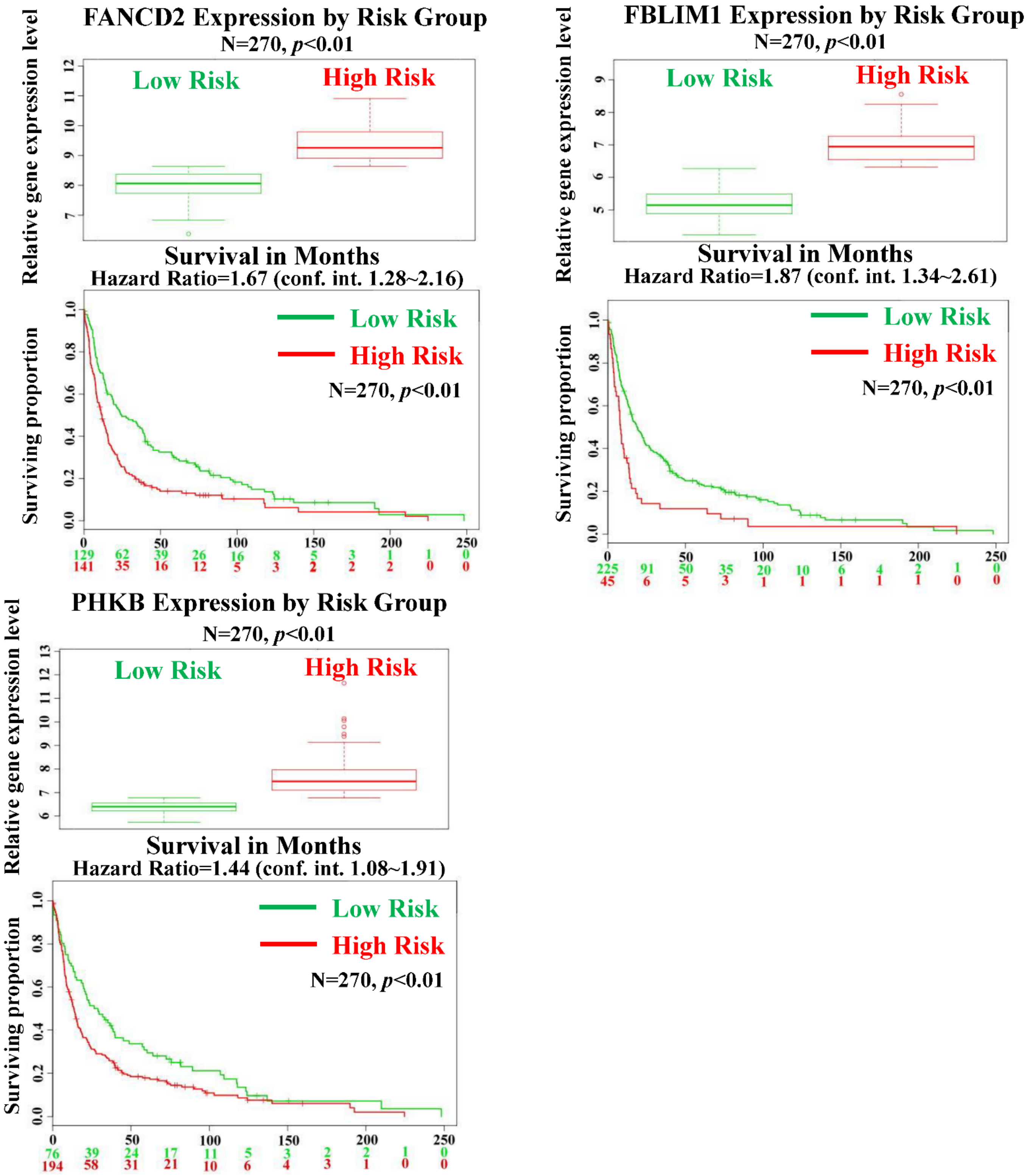
S1 Fig


C3AR1 Expression by Risk Group
N=270, p<0.01
Relative gene expression level
13.0 13.5 14.0 14.5 15.0 15.5
Low Risk
High Risk
Survival in Months
Hazard Ratio=1.78 (conf. int. 1.31~2.41)
Surviving proportion
0.0 0.2 0.4 0.6 0.8 1.0
Low Risk
High Risk
N=270, p<0.01
0 50 100 150 200 250
210 86 51 35 19 10 7 5 3 1 0
60 11 4 3 2 1 0 0 0 0 0
CLCN4 Expression by Risk Group
N=270, p<0.01
Relative gene expression level
6.5 7.0 7.5 8.0 8.5 9.0
Low Risk
High Risk
Survival in Months
Hazard Ratio=1.7 (conf. int. 1.28~2.25)
Surviving proportion
0.0 0.2 0.4 0.6 0.8 1.0
Low Risk
High Risk
N=270, p<0.01
0 50 100 150 200 250
191 80 49 35 19 10 7 5 3 1 0
79 17 6 3 2 1 0 0 0 0 0
COL5A1 Expression by Risk Group
N=270, p<0.01
Relative gene expression level
6 8 10 12
Low Risk
High Risk
Survival in Months
Hazard Ratio=1.64 (conf. int. 1.27~2.13)
Surviving proportion
0.0 0.2 0.4 0.6 0.8 1.0
Low Risk
High Risk
N=270, p<0.01
0 50 100 150 200 250
151 71 43 30 16 7 4 3 2 1 0
119 26 12 8 5 4 3 2 1 0 0
DHCR7 Expression by Risk Group
N=270, p<0.01
Relative gene expression level
5 6 7 8 9 10 11
Low Risk
High Risk
Survival in Months
Hazard Ratio=1.38 (conf. int. 1.07~1.79)
Surviving proportion
0.0 0.2 0.4 0.6 0.8 1.0
Low Risk
High Risk
N=270, p<0.01
0 50 100 150 200 250
125 55 28 21 13 8 4 3 2 0 0
145 42 27 17 8 3 3 2 1 1 0



S1 Figure. Another seven target genes of miR-302b possessed characteristics similar to those of NFIA. Relative C3AR1, CLCN4, COL5A1, DHCR7, FANCD2, FBLIM1, and PHKB expression levels according to GBM patient risk group based on

GSE16011 profiling. Higher risk patients had higher gene expression, denoted by red symbols. Conversely, lower gene expression was associated with higher survival, denoted in green. Kaplan–Meier analysis of patient survival data from GSE16011 profiling. The *x*-axis values indicate the number of patients per group. The red curves indicate high-risk patients. The green curves indicate low-risk patients. The plus sign indicates censored observations. The *p* values were calculated using the log-rank test.