FIG. 3

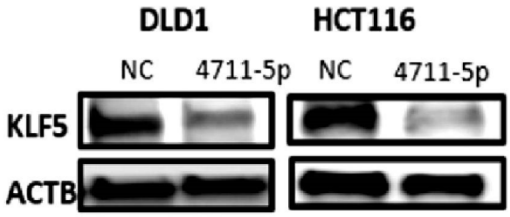



FIG. 4

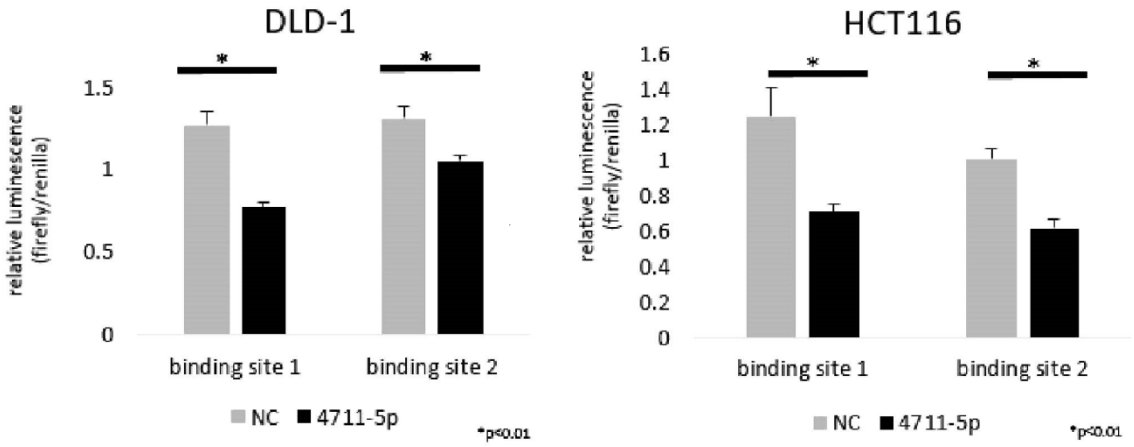



FIG. 5

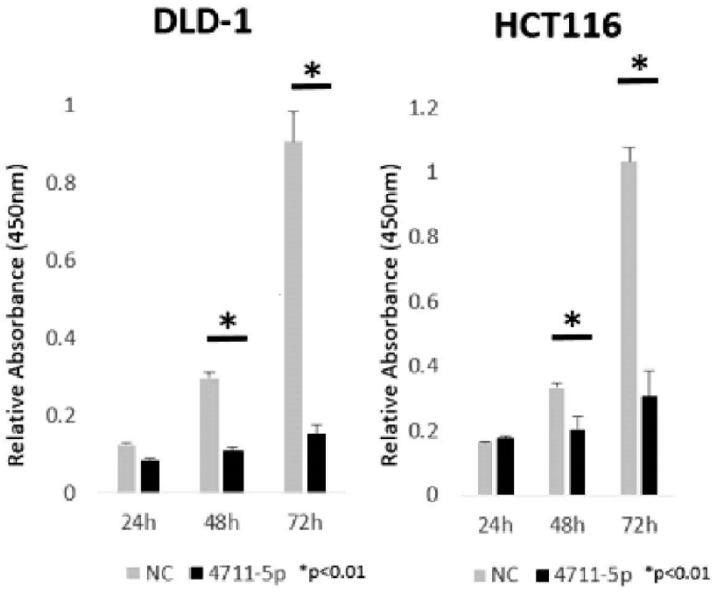


FIG. 6

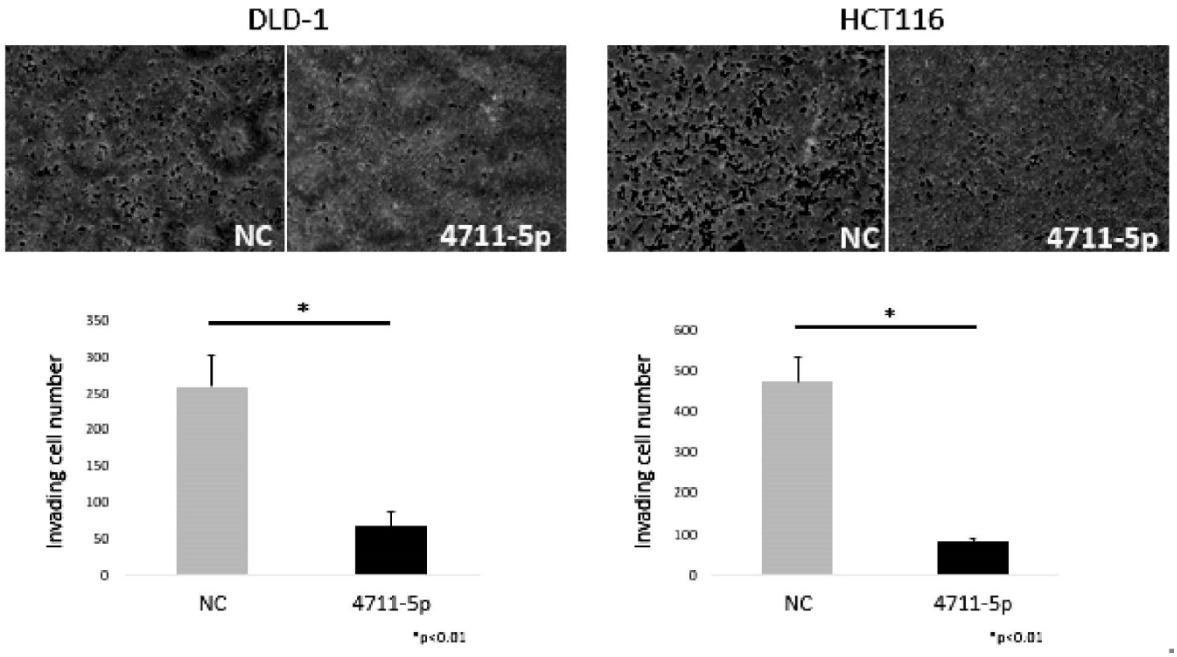

DLD-1
HCT116
NC
4711-5p
NC
4711-5p
Invading cell number
350
300
250
200
150
100
50
0
*
NC
4711-5p
*p<0.01
Invading cell number
600
500
400
300
200
100
0
*
NC
4711-5p
*p<0.01

FIG. 7

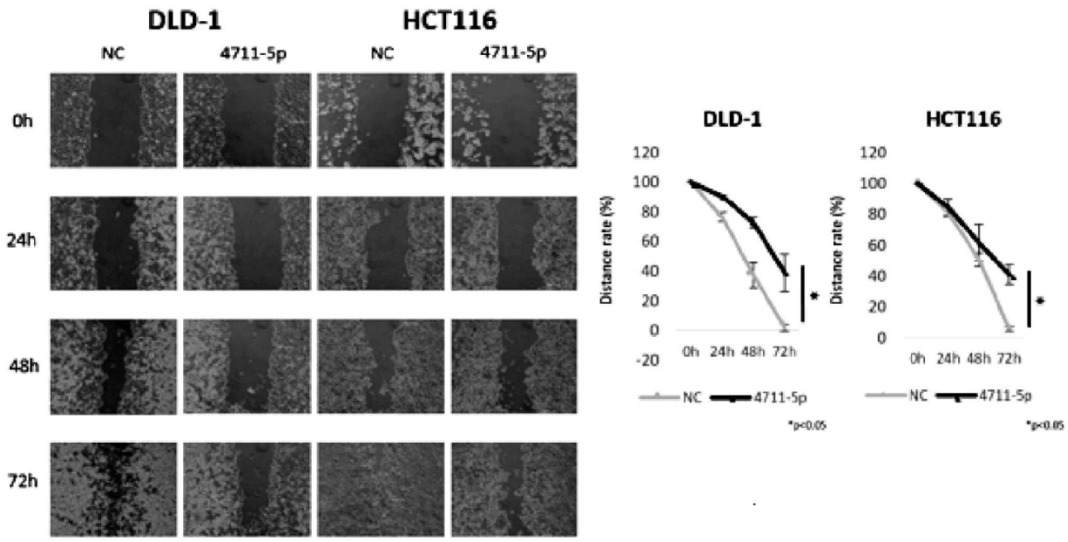

DLD-1
HCT116
NC
4711-5p
NC
4711-5p
0h
24h
48h
72h
DLD-1
HCT116
Distance rate (%)
120
100
80
60
40
20
0
-20
0h 24h 48h 72h
NC
4711-5p
*p<0.05
Distance rate (%)
120
100
80
60
40
20
0
0h 24h 48h 72h
NC
4711-5p
*p<0.05

FIG. 13

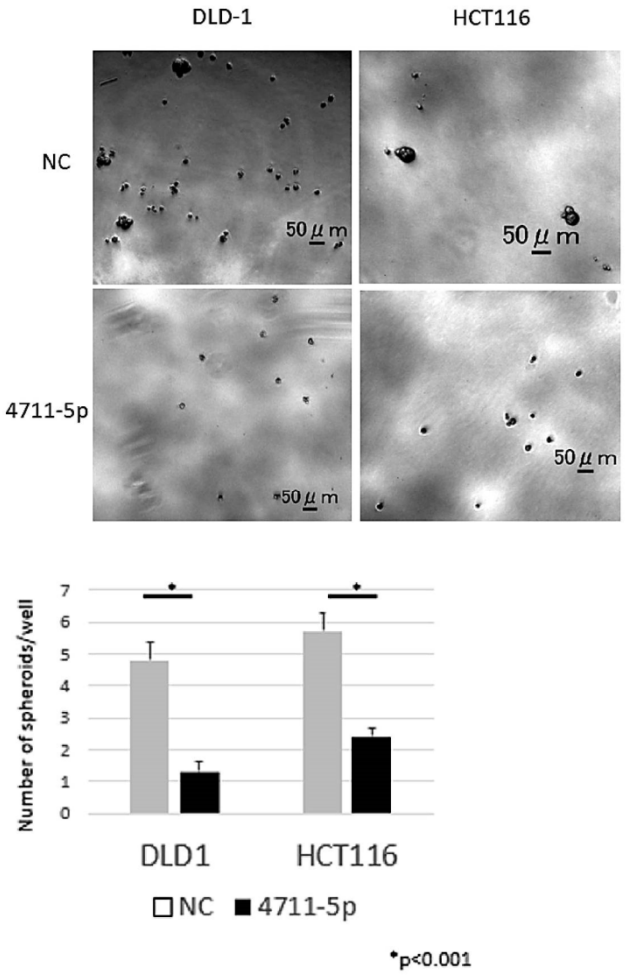

DLD-1
HCT116
NC
4711-5p
50 μm
Number of spheroids/well
DLD1
HCT116
NC
4711-5p
*p<0.001

FIG. 14

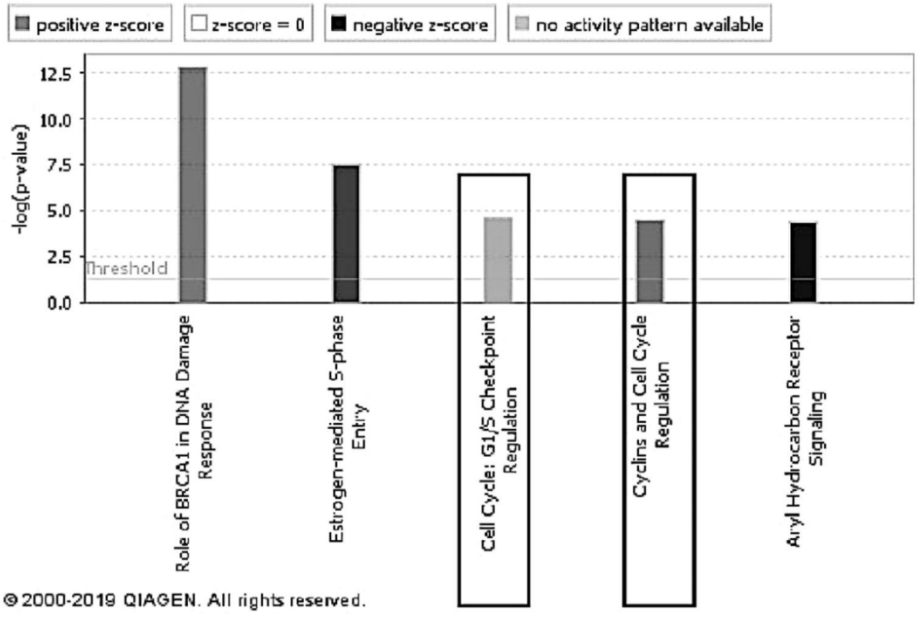
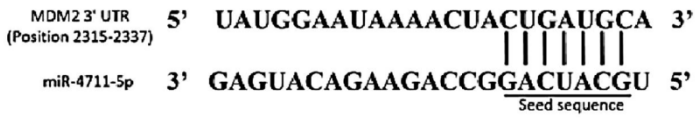

positive z-score
z-score = 0
negative z-score
no activity pattern available
-log(p-value)
Threshold
Role of BRCA1 in DNA Damage Response
Estrogen-mediated S-phase Entry
Cell Cycle: G1/S Checkpoint Regulation
Cyclins and Cell Cycle Regulation
Aryl Hydrocarbon Receptor Signaling
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FIG. 18



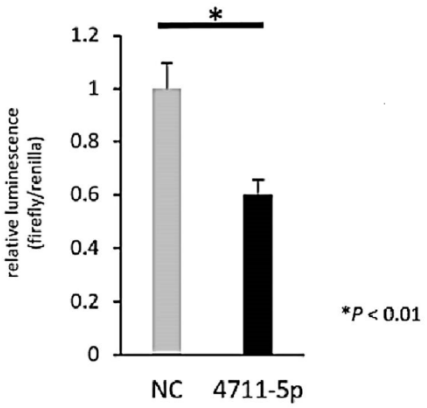




FIG. 19

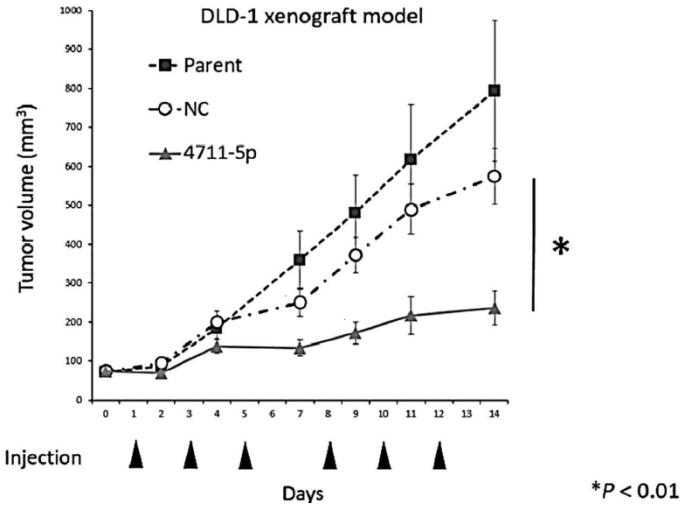



FIG. 20

