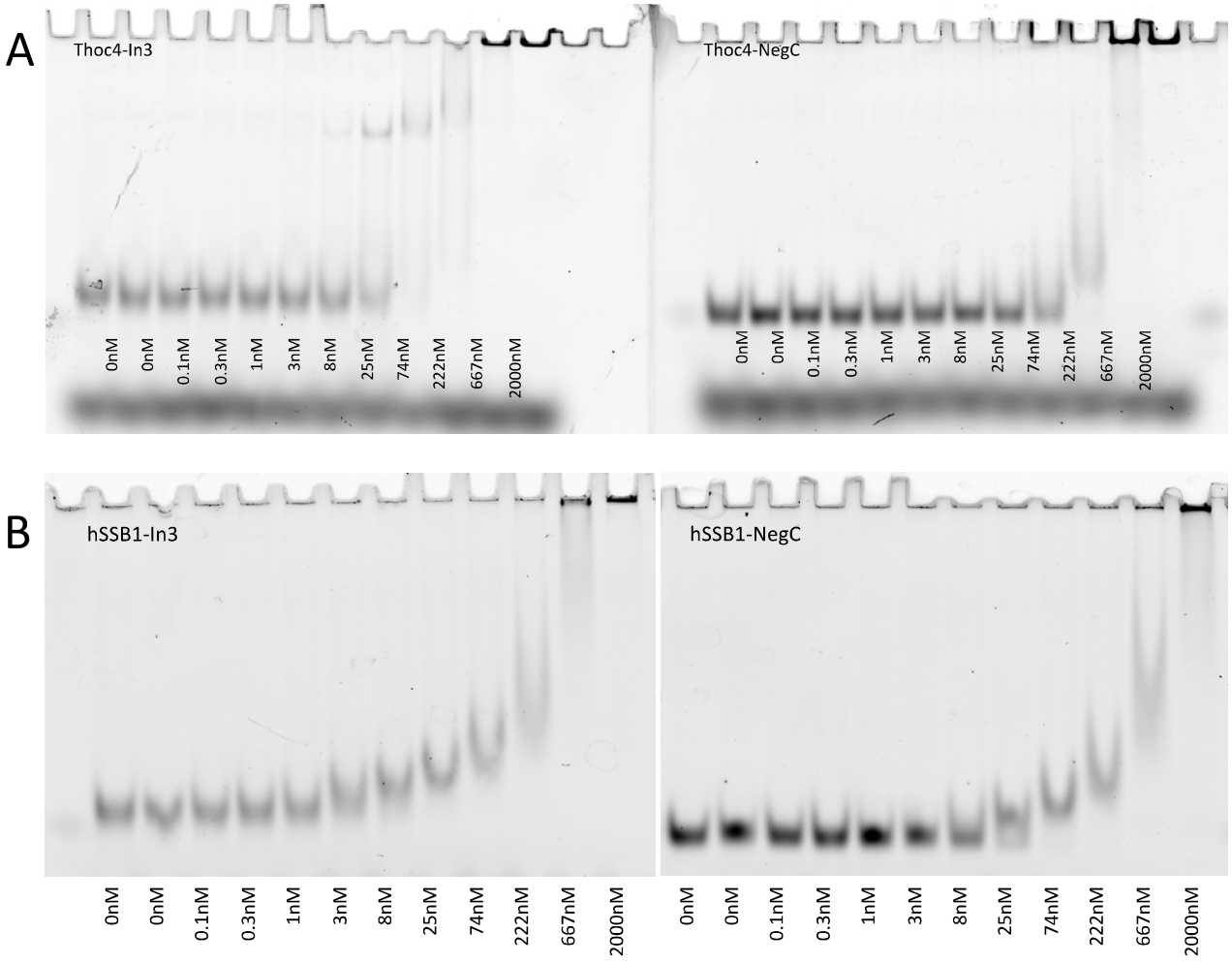

A
Thoc4-In3
Thoc4-NegC
0nM
0nM
0.1nM
0.3nM
1nM
3nM
8nM
25nM
74nM
222nM
667nM
2000nM
B
hSSB1-In3
hSSB1-NegC
C
Thoc4'EMSA''
Thoc'In3''
Thoc'NegC''
Percent'Oligo'bound'to'protein'
Conc'Protein'
hSSB1'EMSA'
SSB'In3''
SSB'NegC''

FIGURE 5

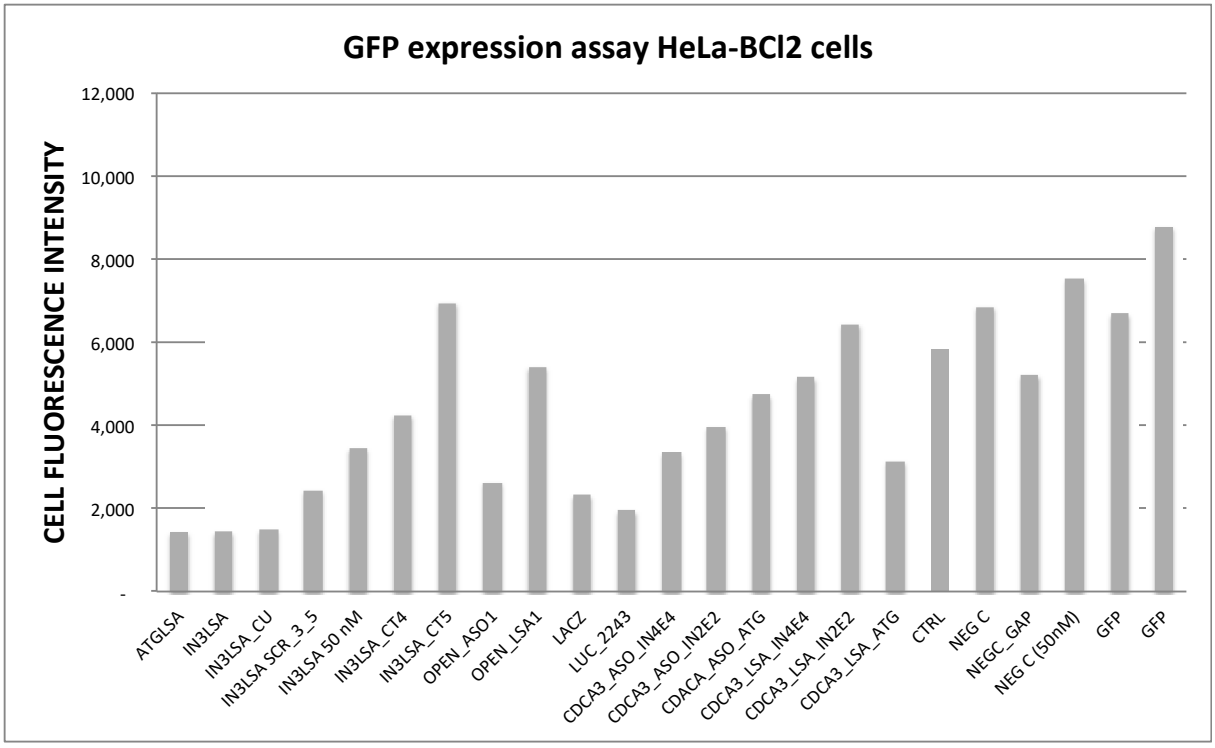

GFP expression assay HeLa-BCl2 cells
CELL FLUORESCENCE INTENSITY
12,000
10,000
8,000
6,000
4,000
2,000
-
ATGLSA
IN3LSA
IN3LSA_CU
IN3LSA SCR_3_5
IN3LSA 50 nM
IN3LSA_CT4
IN3LSA_CT5
OPEN_ASO1
OPEN_LSA1
LACZ
LUC_2243
CDCA3_ASO_IN4E4
CDCA3_ASO_IN2E2
CDACA_ASO_ATG
CDCA3_LSA_IN4E4
CDCA3_LSA_IN2E2
CDCA3_LSA_ATG
CTRL
NEG C
NEGC_GAP
NEG C (50nM)
GFP
GFP

FIGURE 6

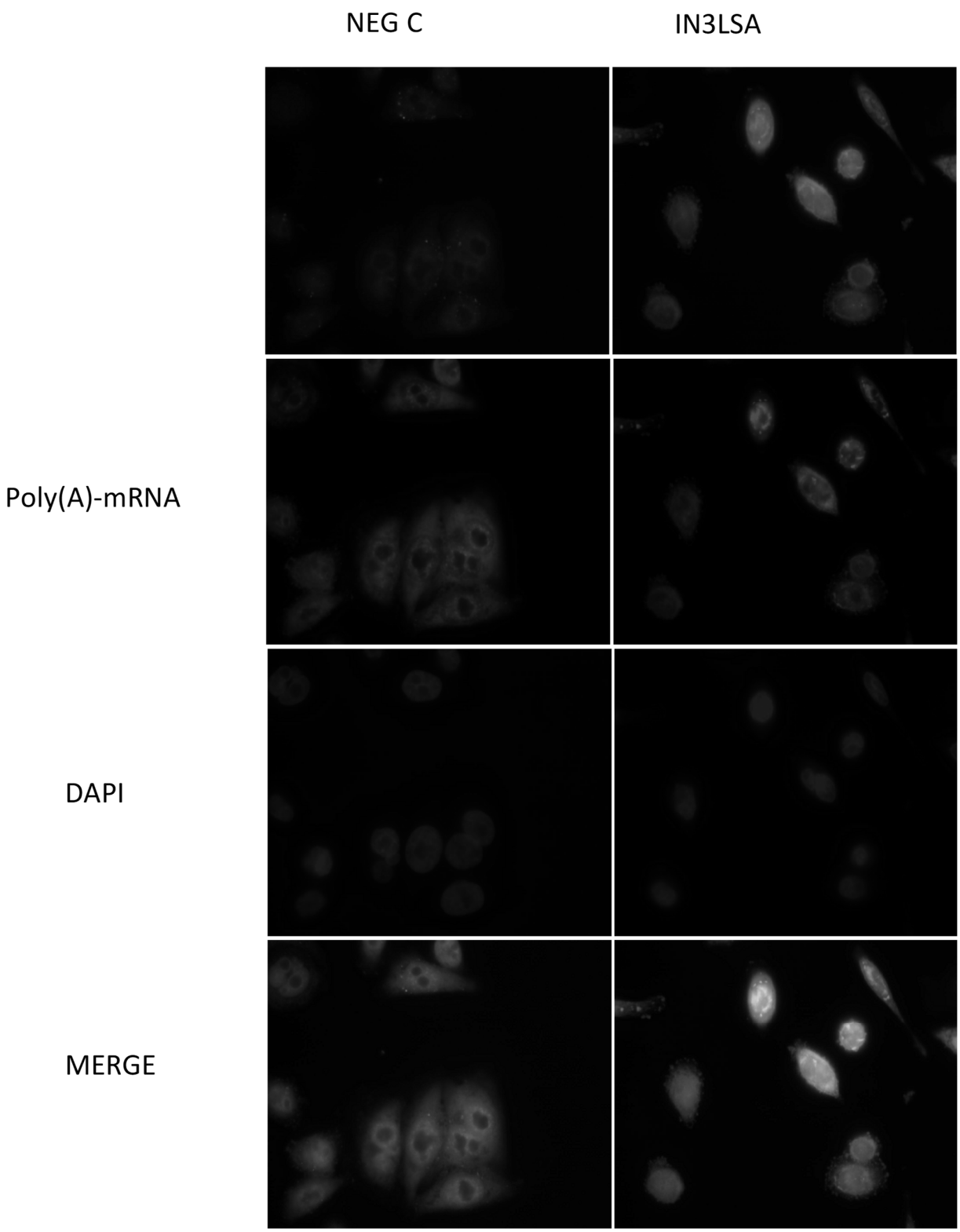


FIGURE 7

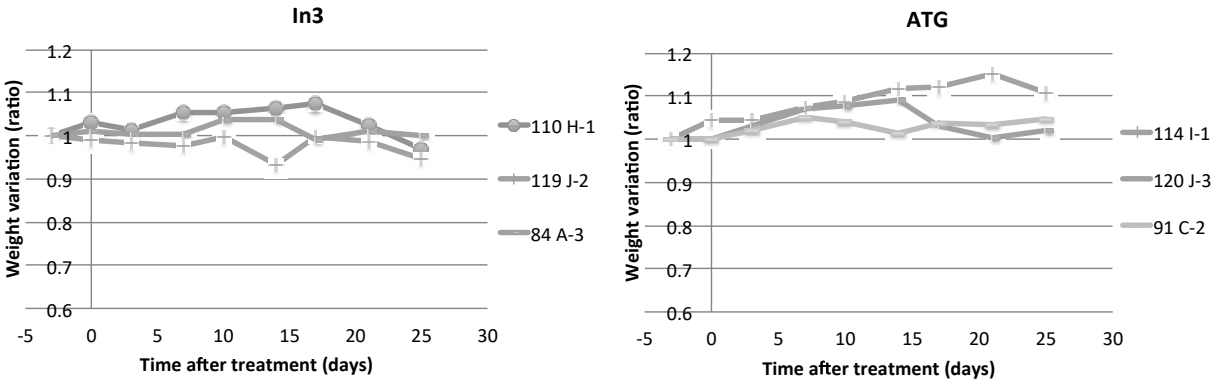


FIGURE 12

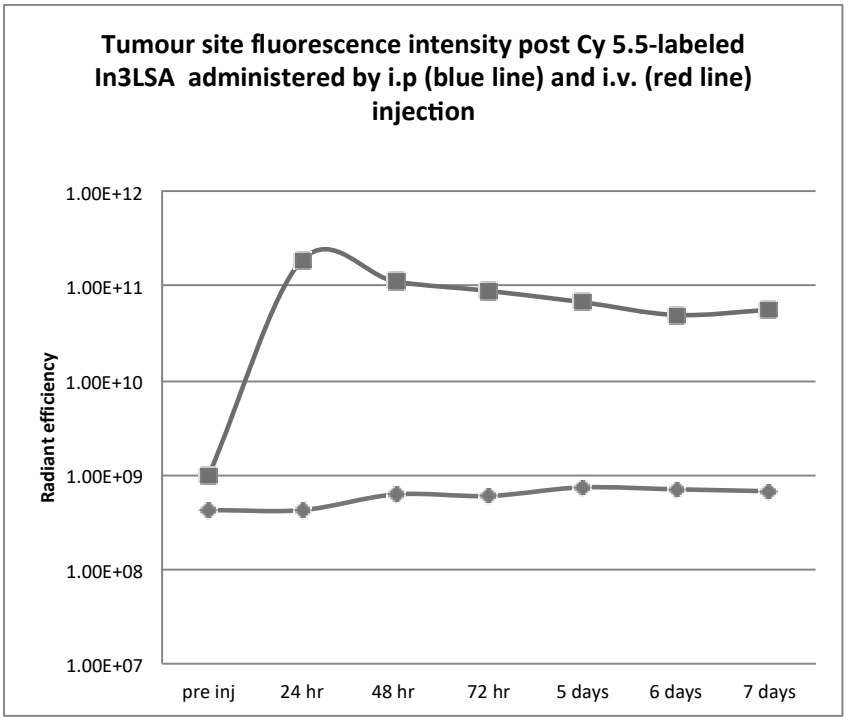


FIGURE 13

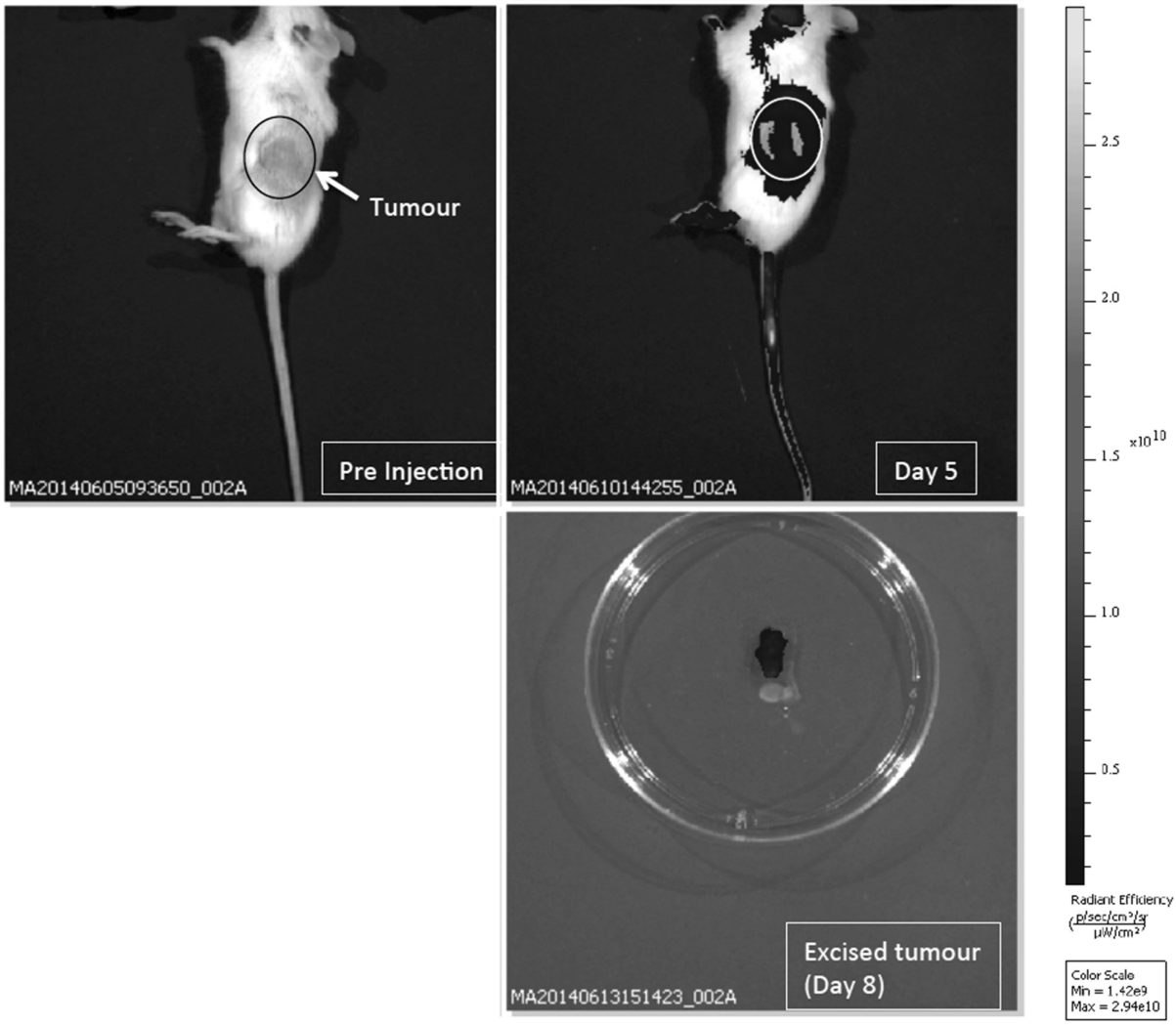
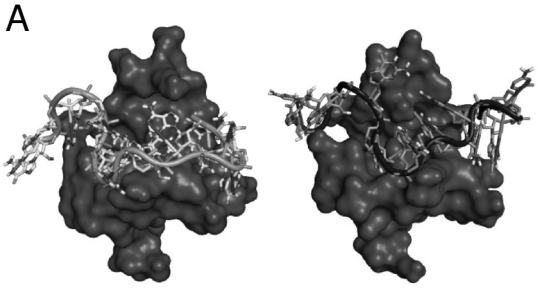
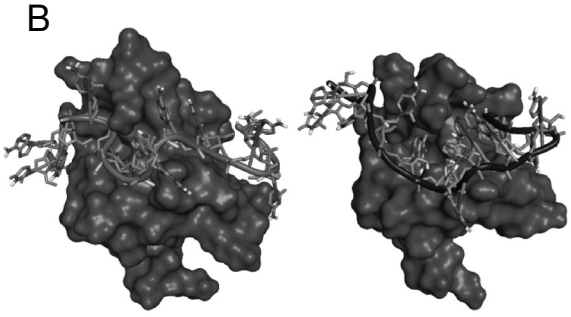

Tumour
Pre Injection
MA20140605093650_002A
Day 5
MA20140610144255_002A
Excised tumour
(Day 8)
MA20140613151423_002A
2.5
2.0
1.5
x10^10
1.0
0.5
Radiant Efficiency
(p/sec/cm²/sr
µW/cm²)
Color Scale
Min = 1.42e9
Max = 2.94e10

FIGURE 14

A



B



C

Molecule binding energy		
Molecule	**Binding energy (KJ/mol)**	**Stdev**
ATGLSA	-2655.94	140.50
ATGLSA - Nucleotide	-3237.62	110.45
NEGC	-3177.35	140.09
NEGC - Nucleotide	-3322.67	162.01

D

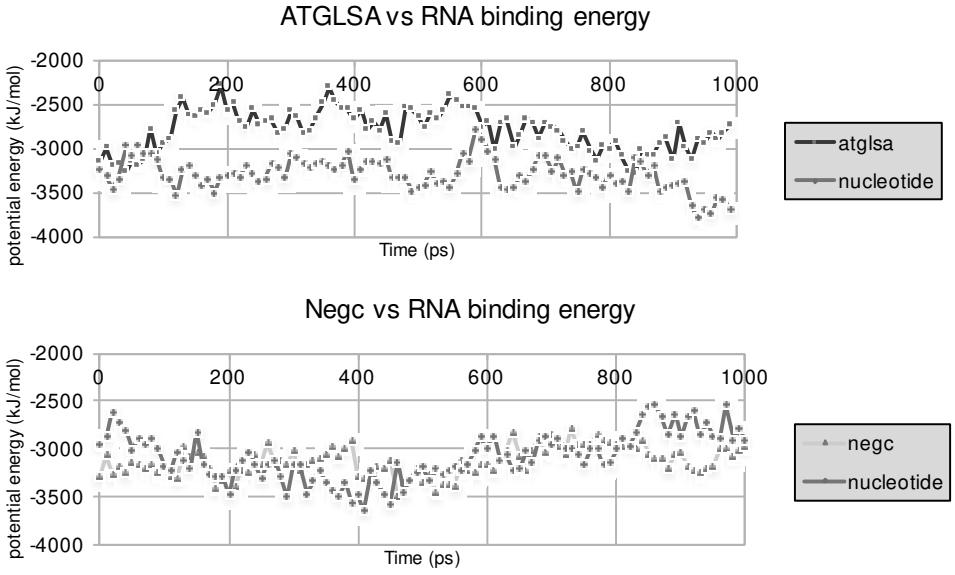


FIGURE 17