Figure 1A

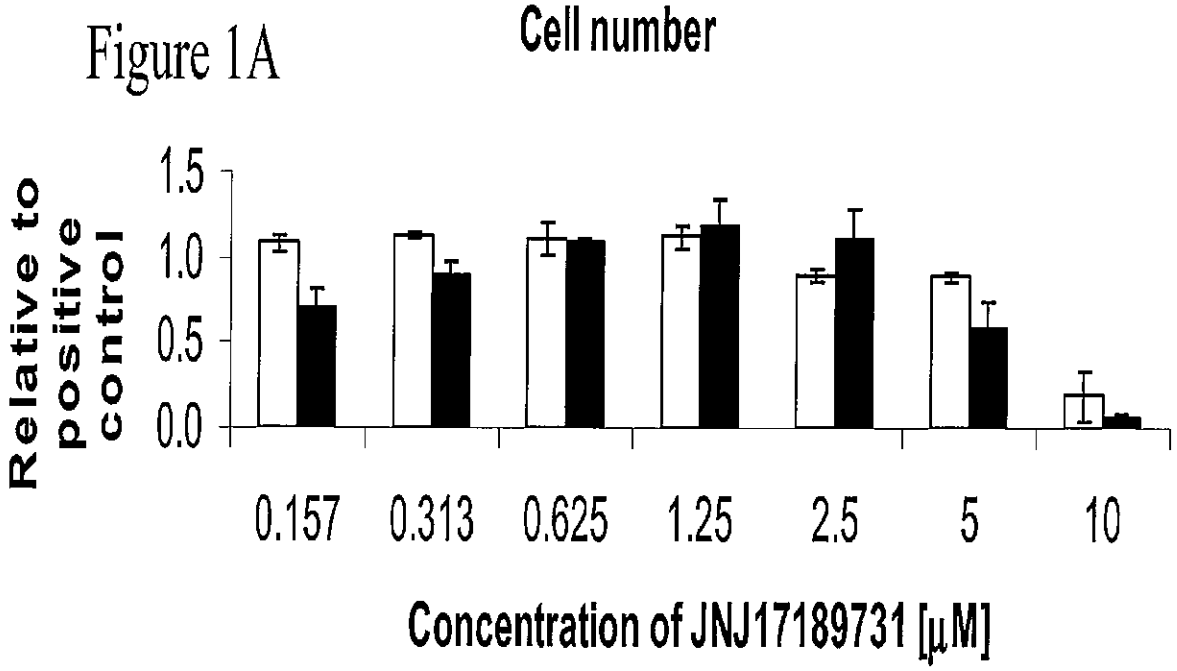


Figure 1B

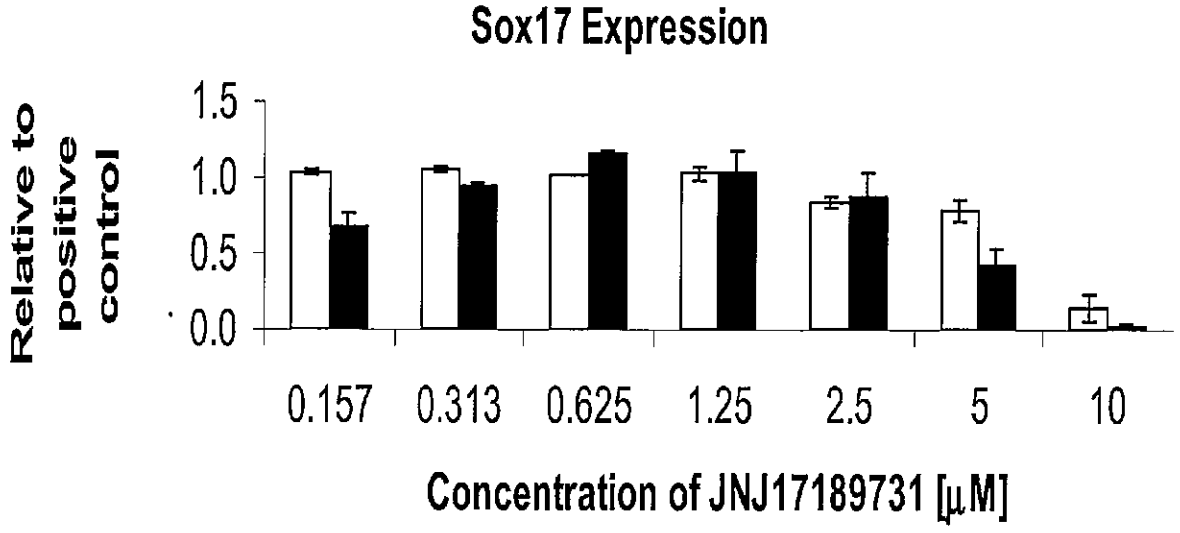


Figure 2A

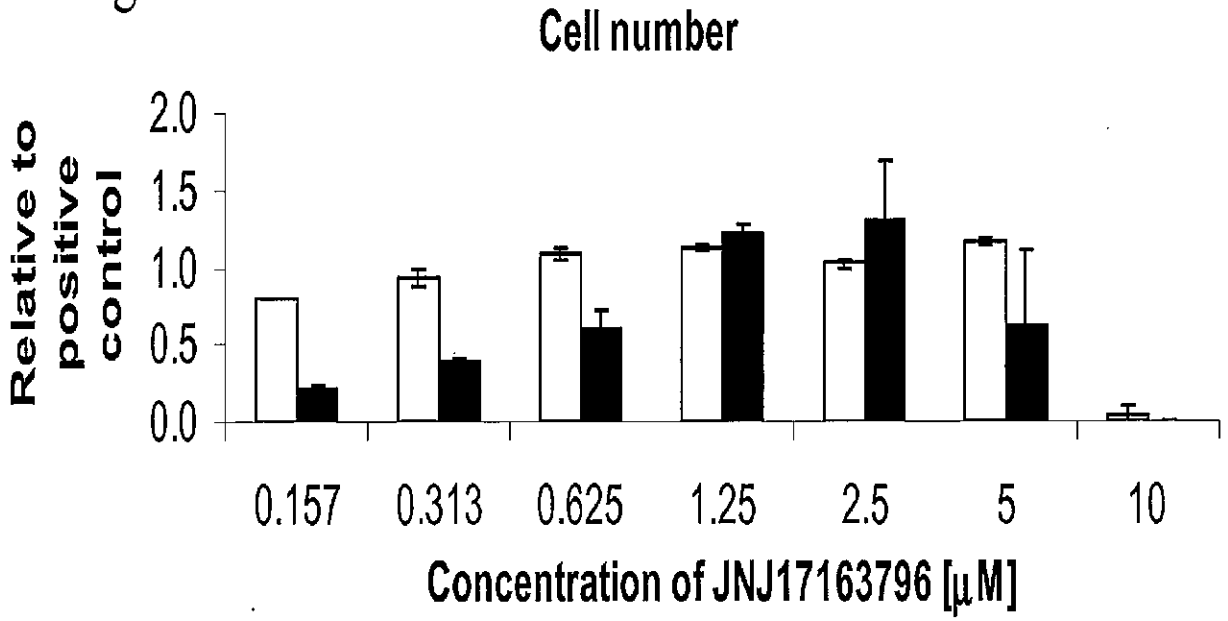


Figure 2B

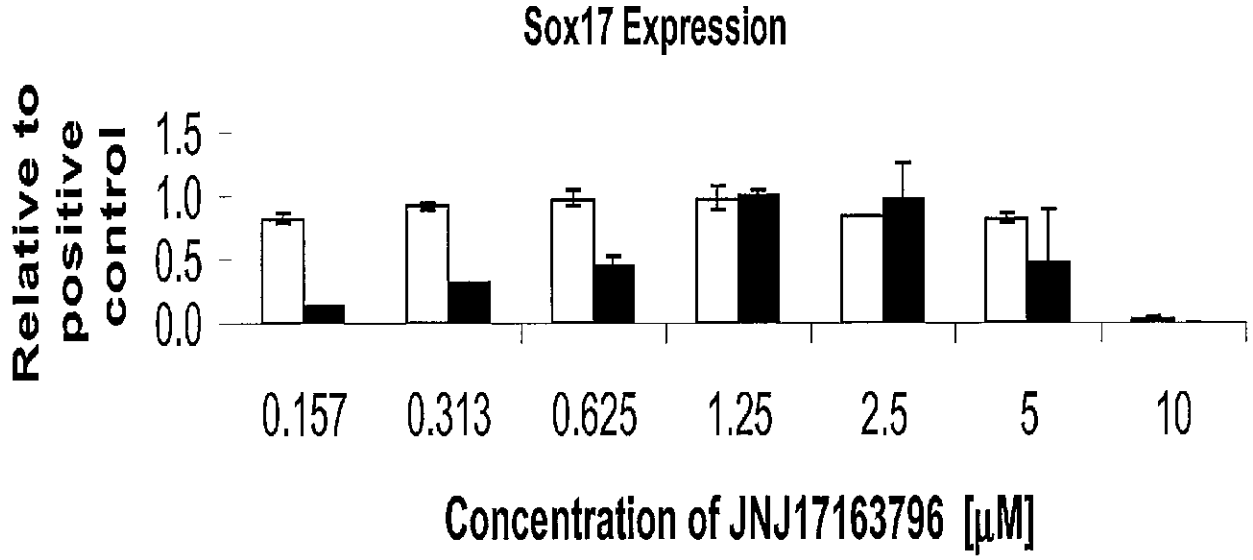


Figure 3A

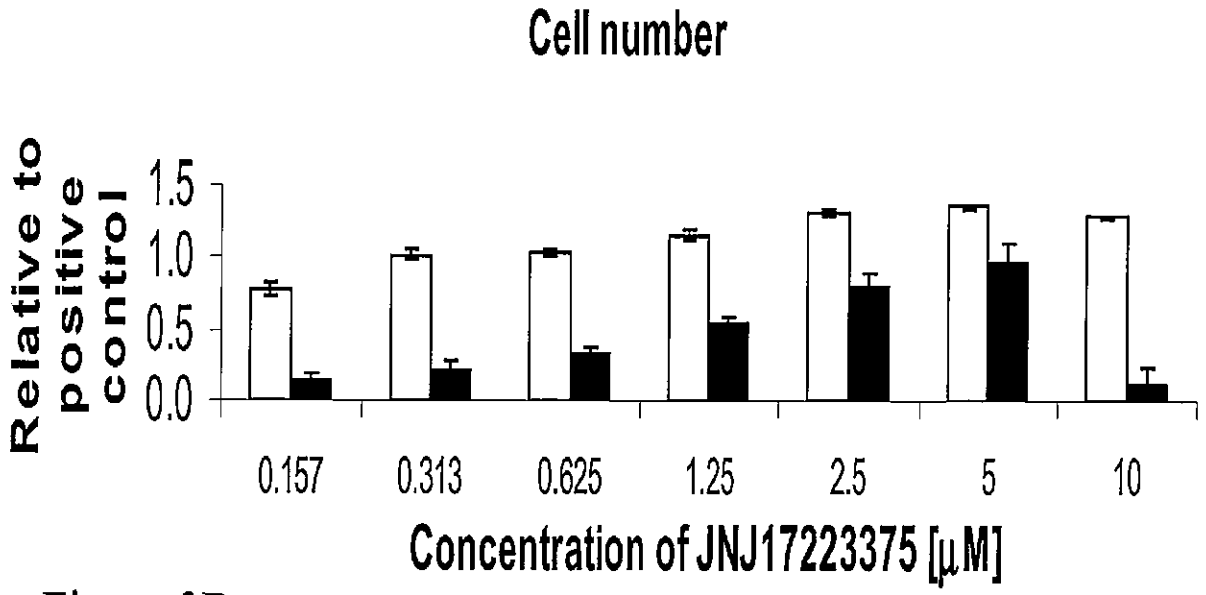


Figure 3B

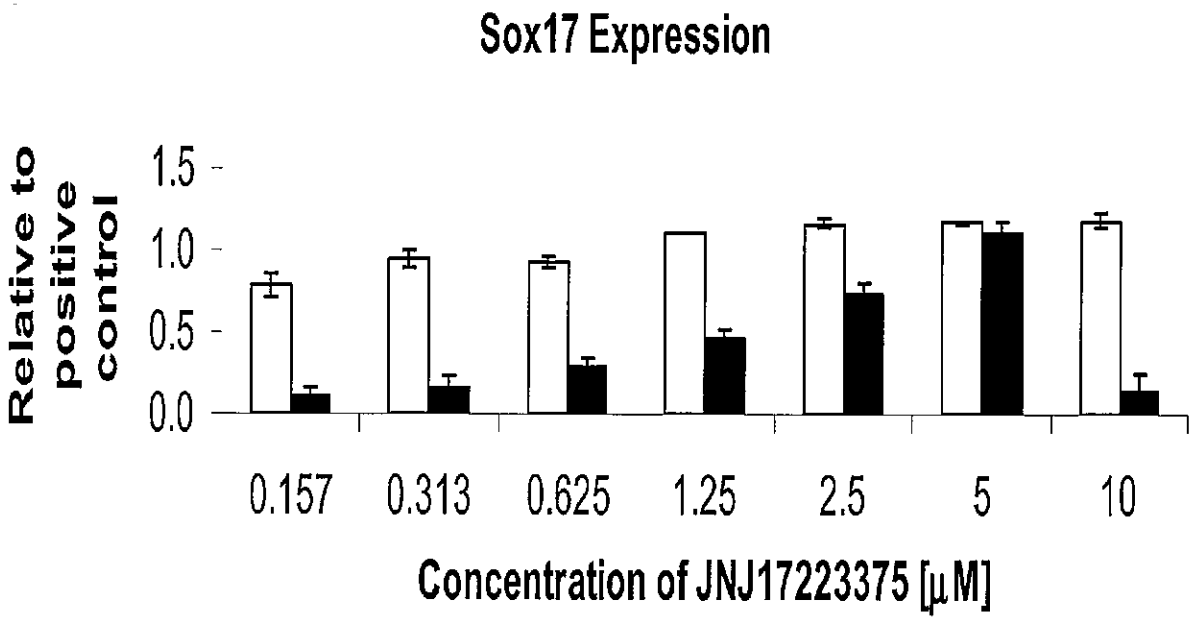


Figure 4A

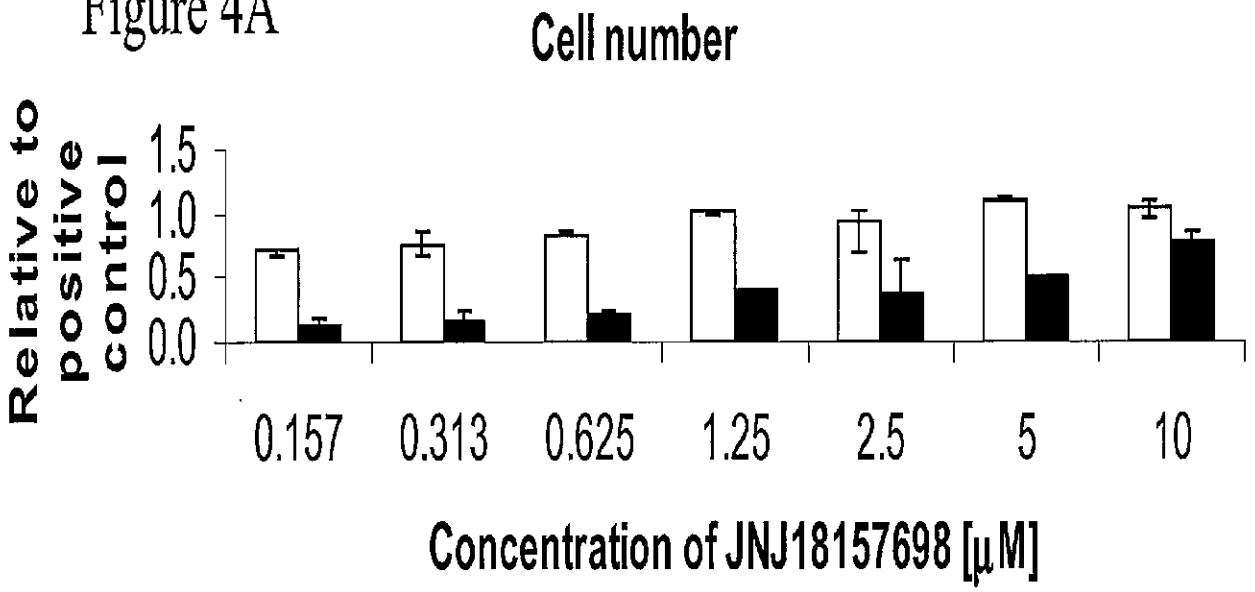


Figure 4B

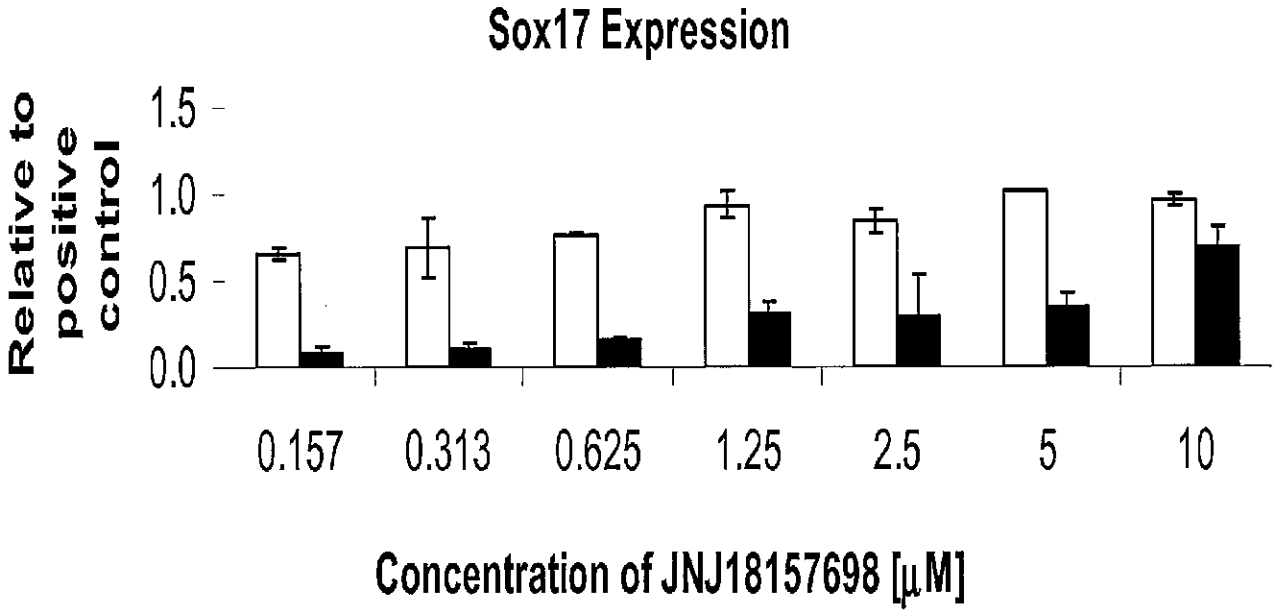


Figure 5A

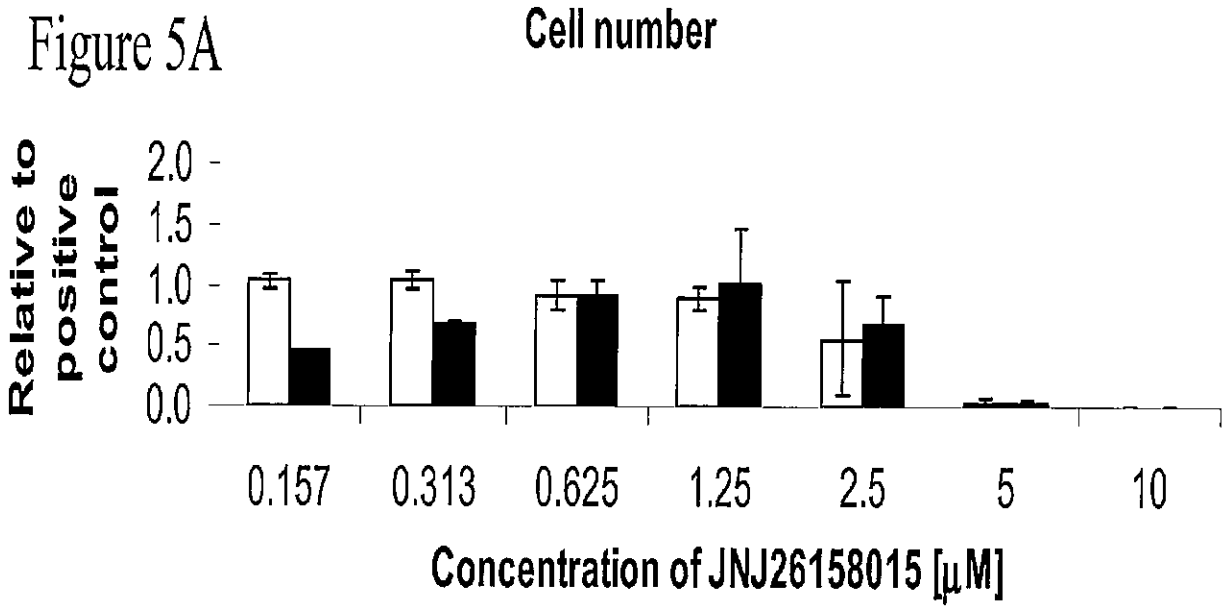


Figure 5B

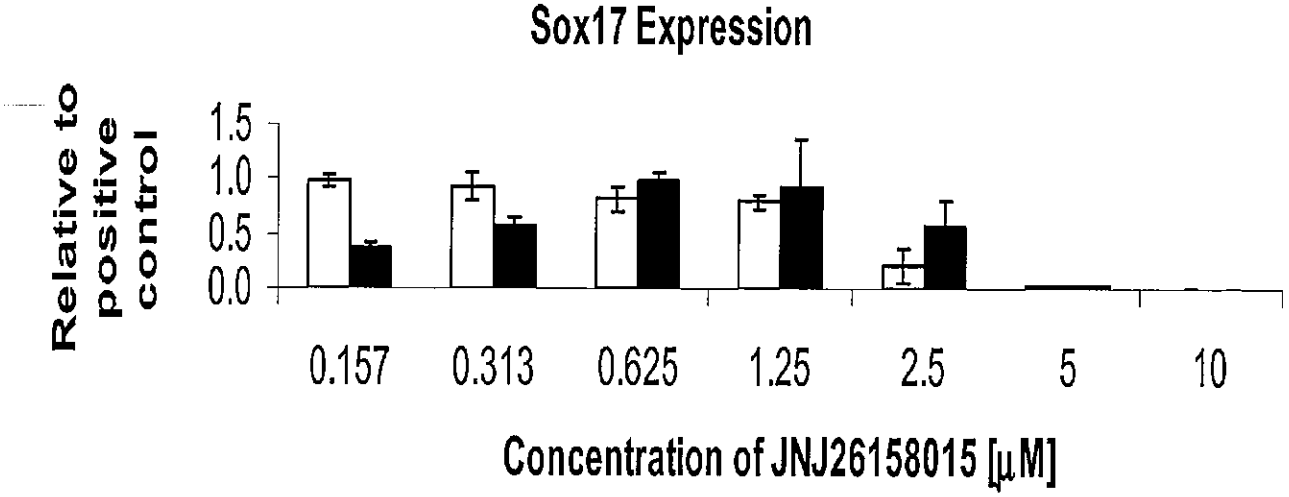


Figure 6A

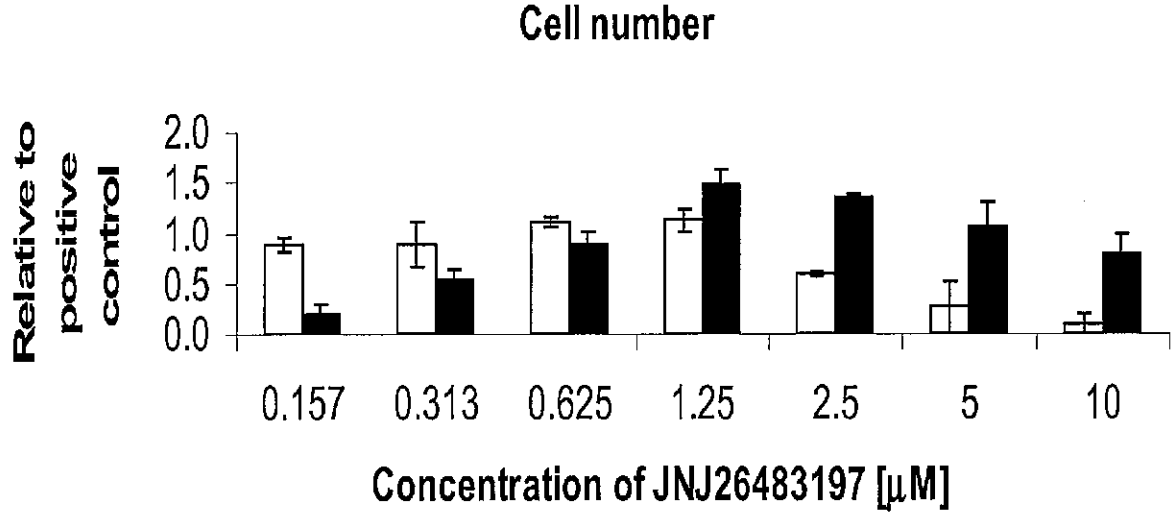


Figure 6B

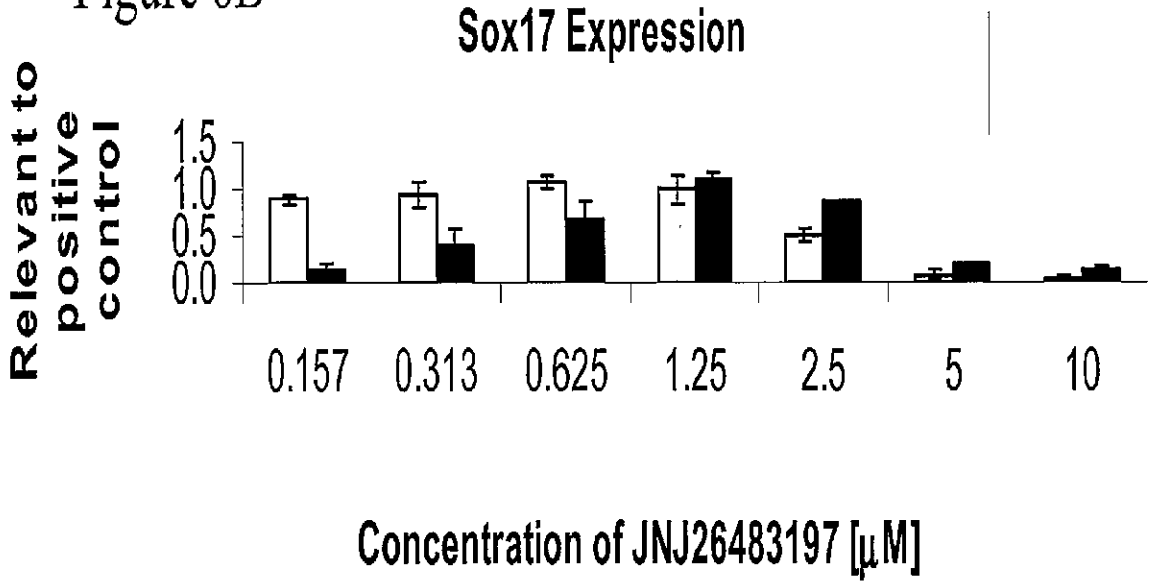


Figure 7A

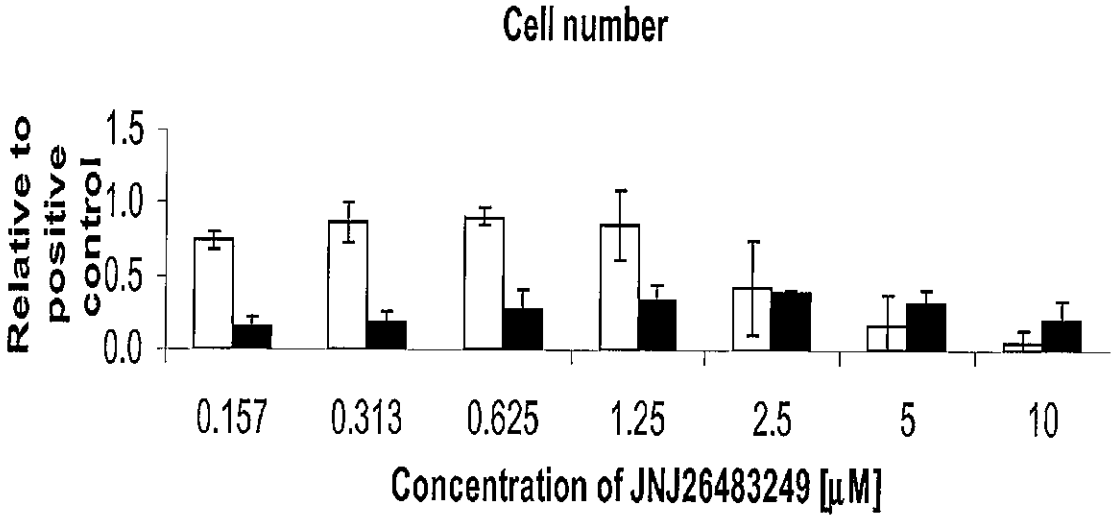


Figure 7B

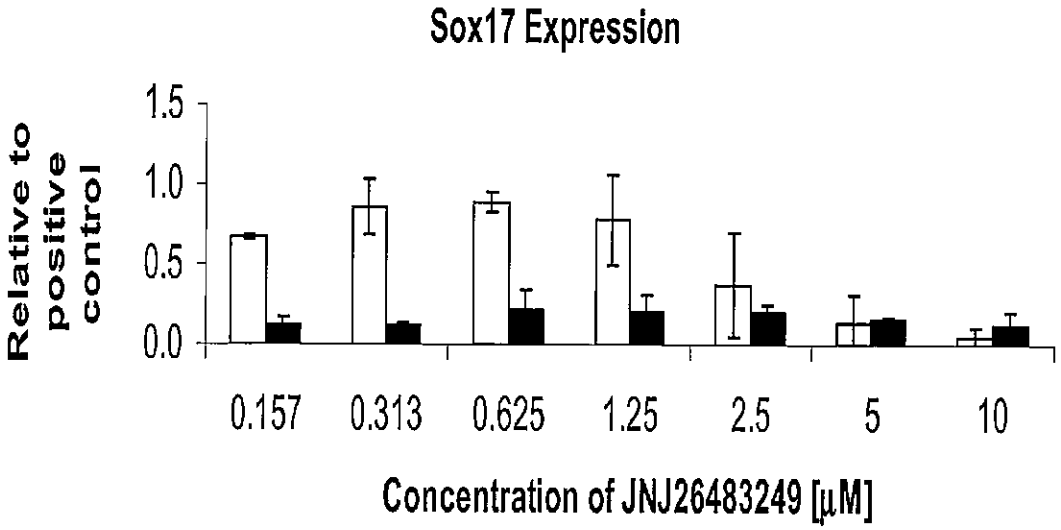


Figure 8A

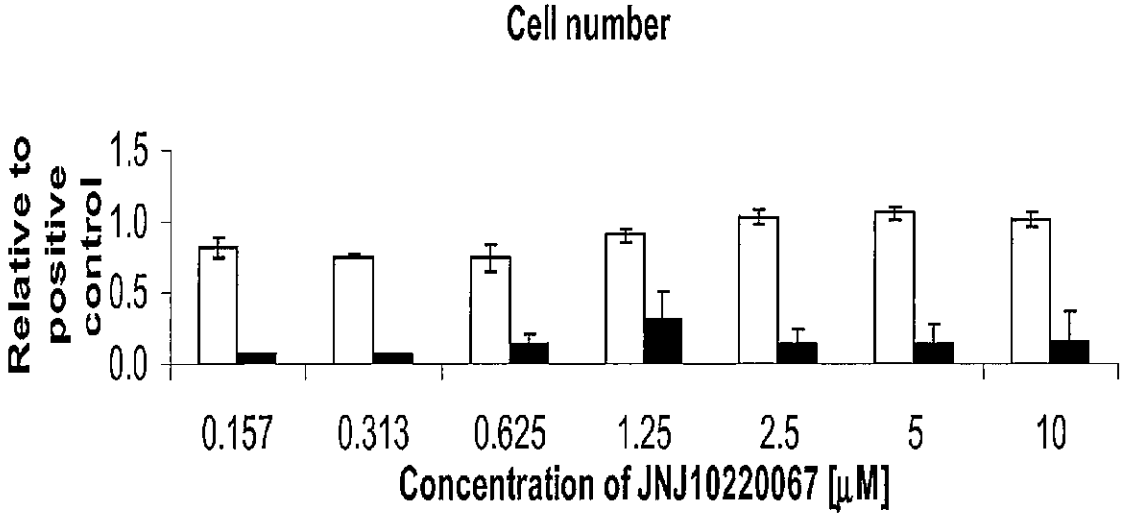


Figure 8B

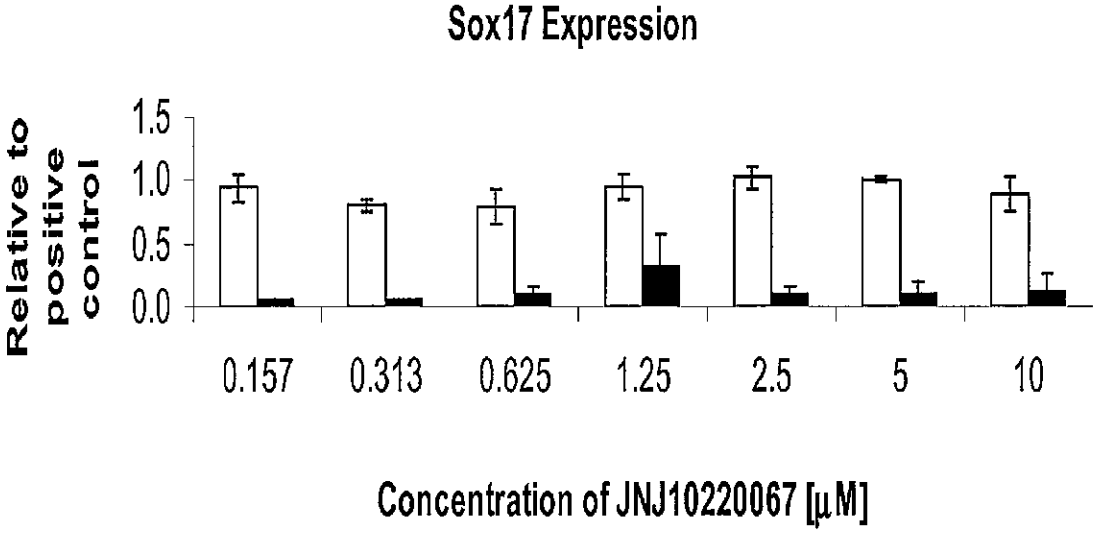


Figure 9

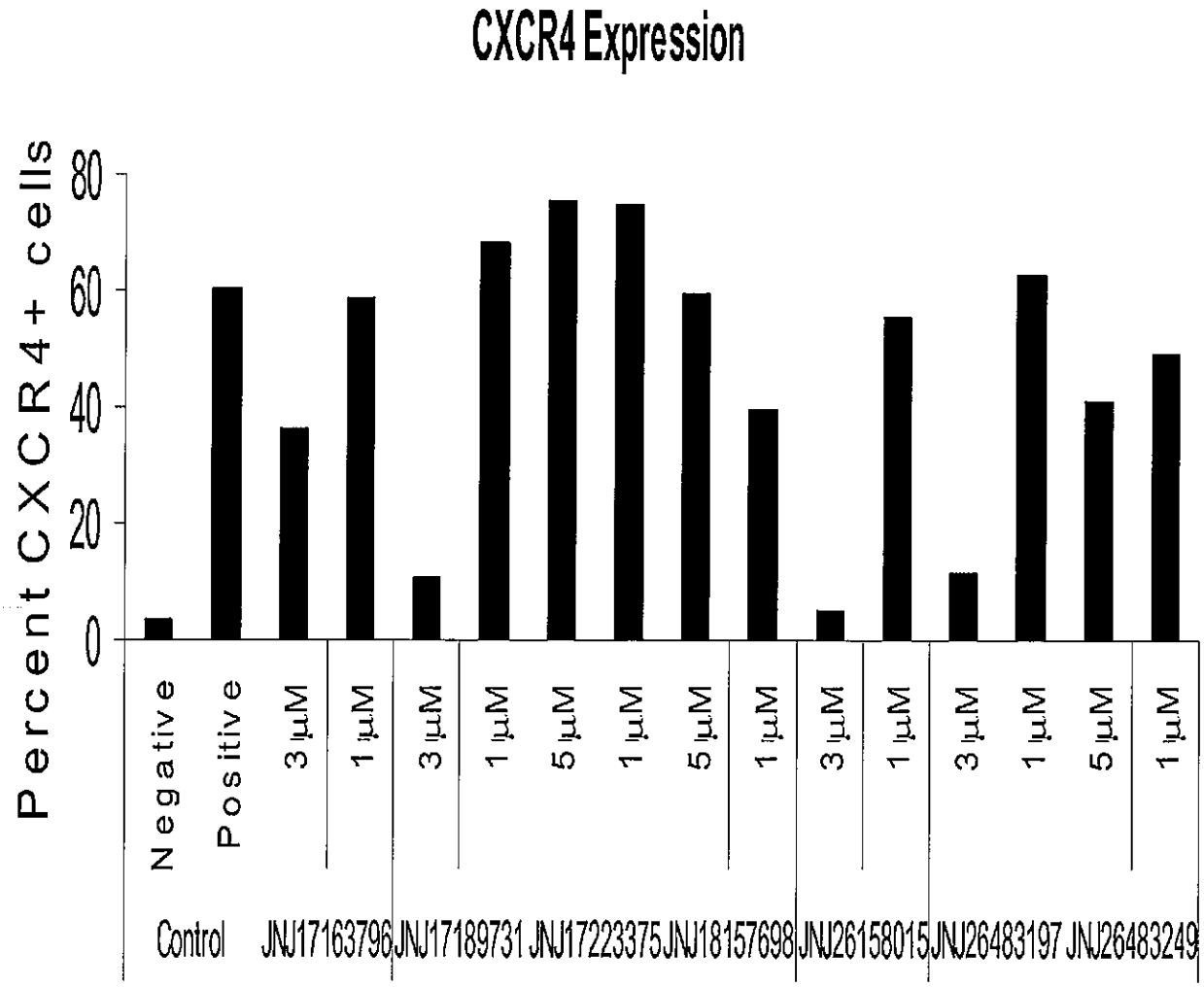

CXCR4 Expression
Percent CXCR4+ cells
0
20
40
60
80
Negative
Positive
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
5 µM
1 µM
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
Control
JNJ17163796
JNJ17189731
JNJ17223375
JNJ18157698
JNJ26158015
JNJ26483197
JNJ26483249

Figure 10-A

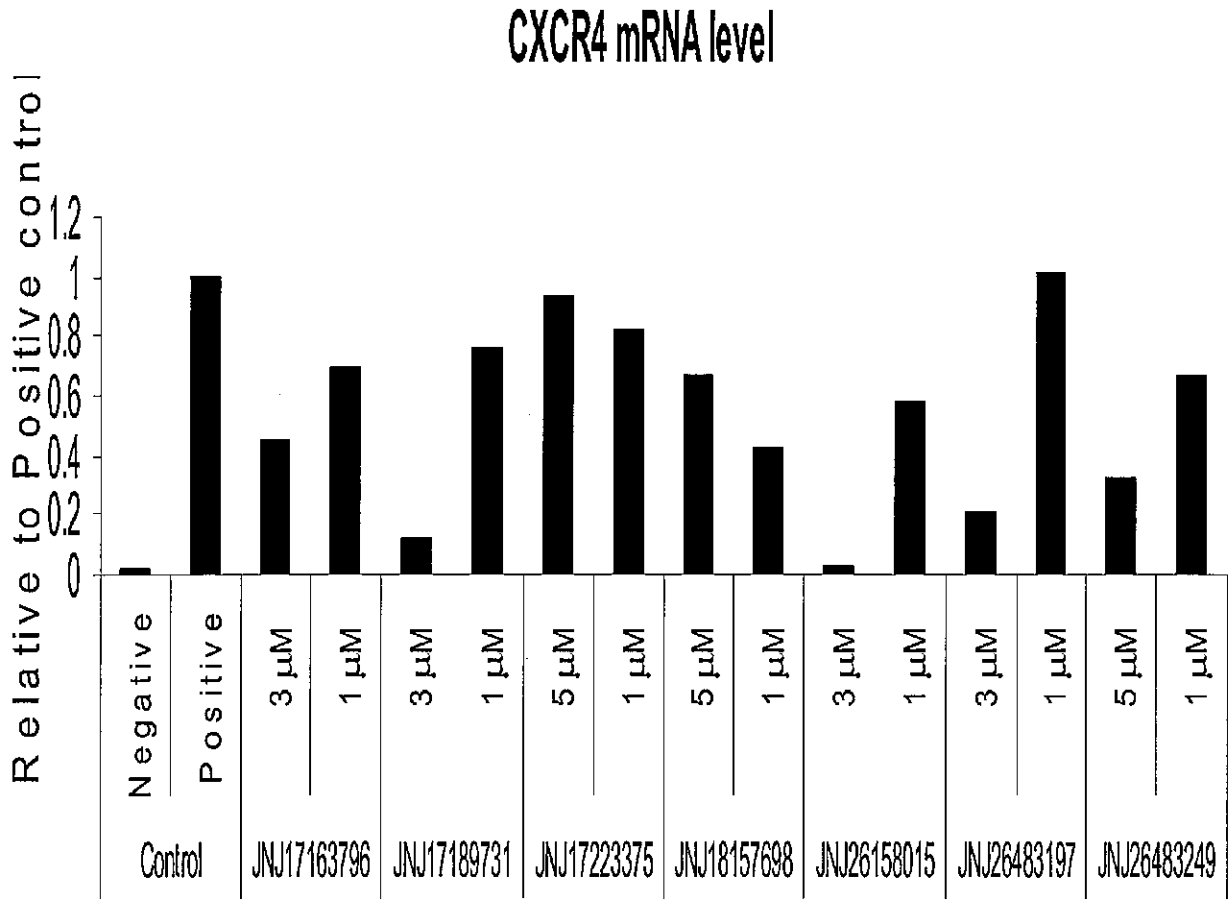

CXCR4 mRNA level
Relative to Positive control
0
0.2
0.4
0.6
0.8
1
1.2
Negative
Positive
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
5 µM
1 µM
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
Control
JNJ17163796
JNJ17189731
JNJ17223375
JNJ18157698
JNJ26158015
JNJ26483197
JNJ26483249

Figure 10-B

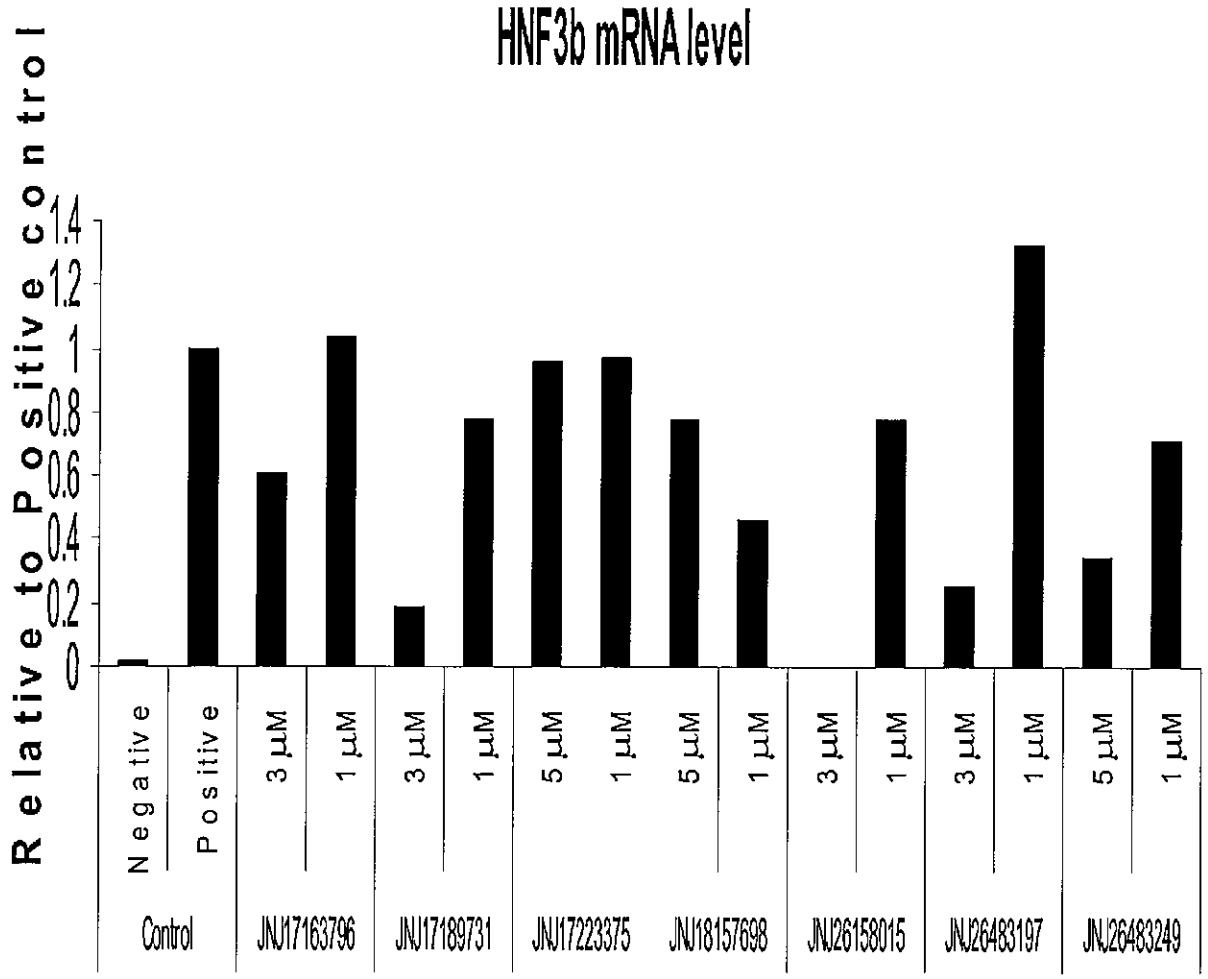

HNF3b mRNA level
Relative to Positive control
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Negative
Positive
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
5 µM
1 µM
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
Control
JNJ17163796
JNJ17189731
JNJ17223375
JNJ18157698
JNJ26158015
JNJ26483197
JNJ26483249

Figure 10-C

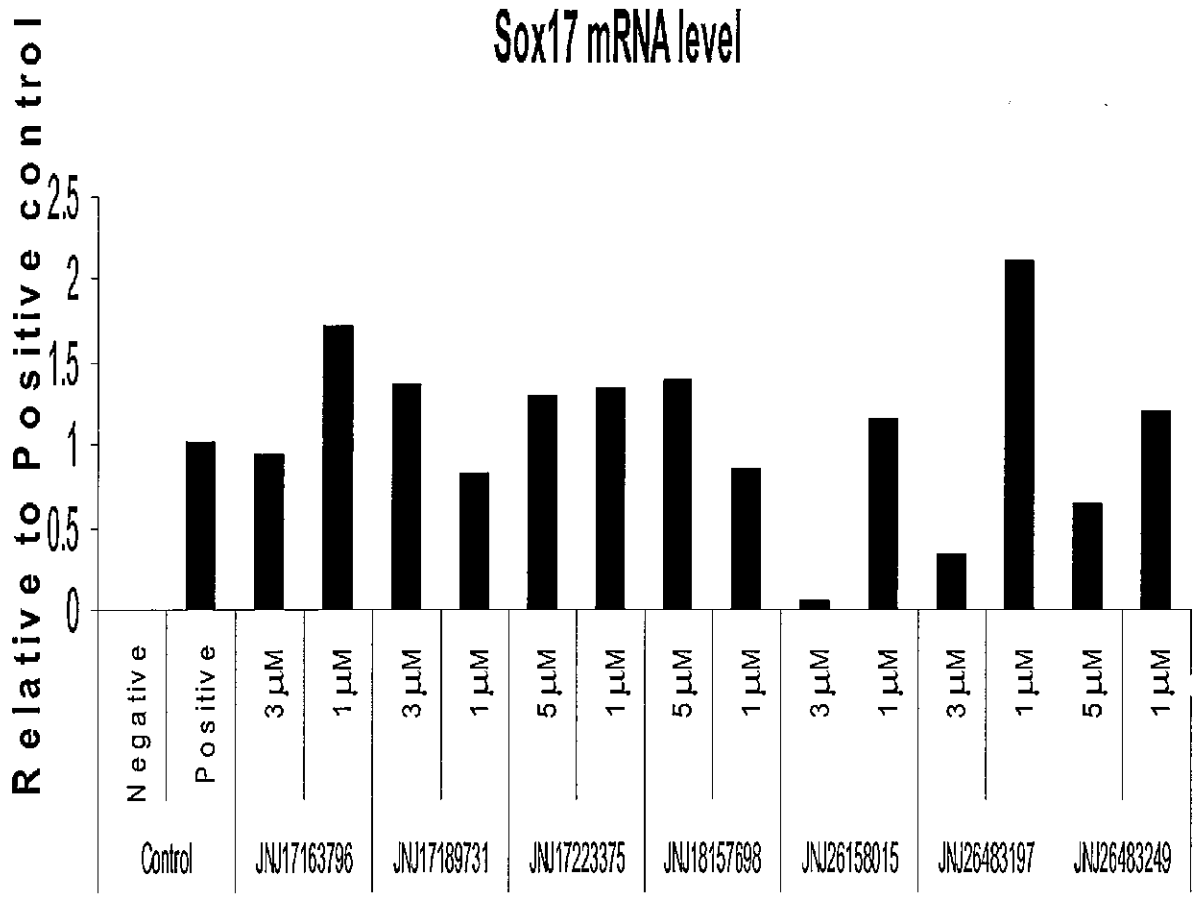

Sox17 mRNA level
Relative to Positive control
0
0.5
1
1.5
2
2.5
Negative
Positive
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
5 µM
1 µM
3 µM
1 µM
3 µM
1 µM
5 µM
1 µM
Control
JNJ17163796
JNJ17189731
JNJ17223375
JNJ18157698
JNJ26158015
JNJ26483197
JNJ26483249

Figure 11-A

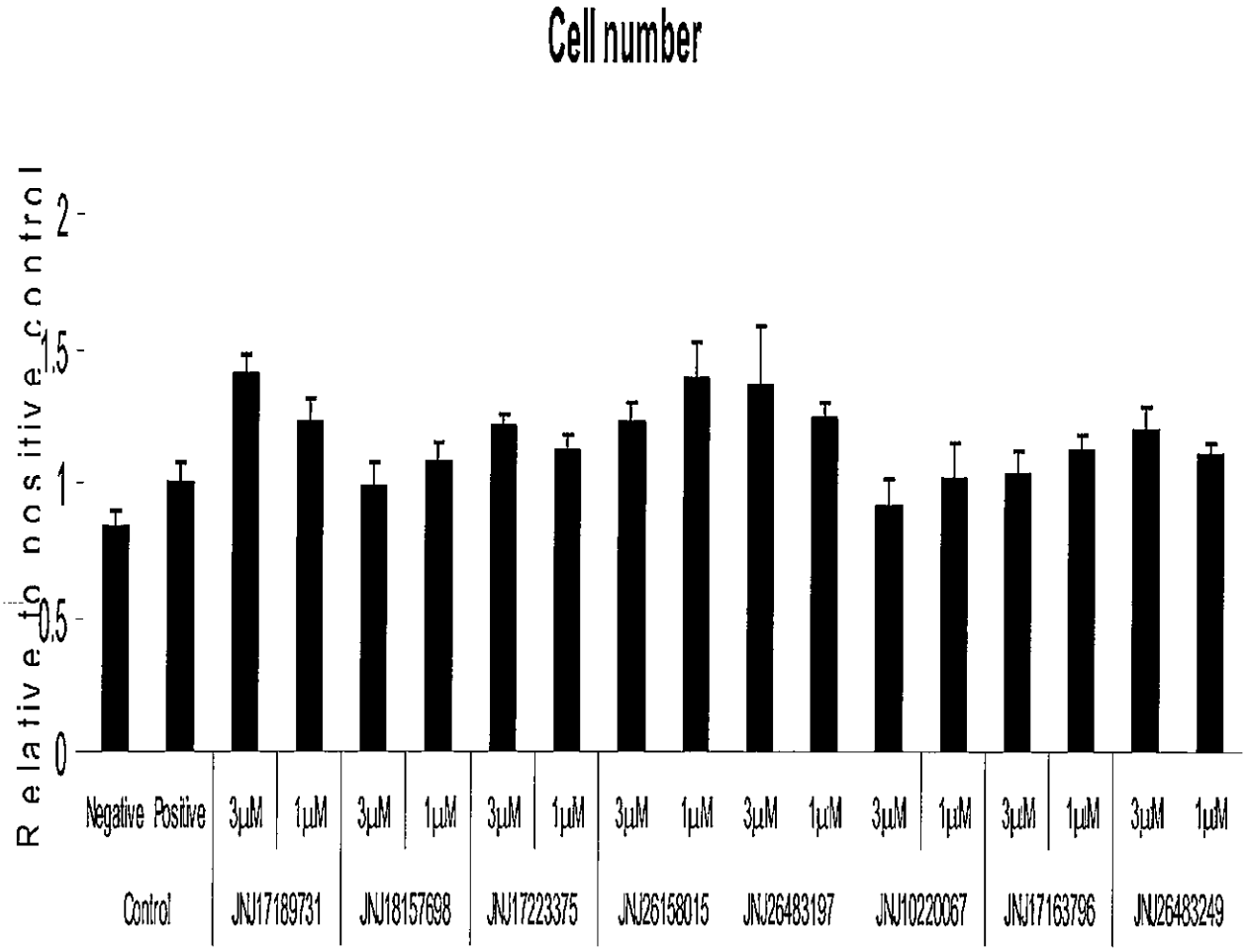

Cell number
Relative to positive control
0
0.5
1
1.5
2
Negative
Positive
3μM
1μM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 11-B

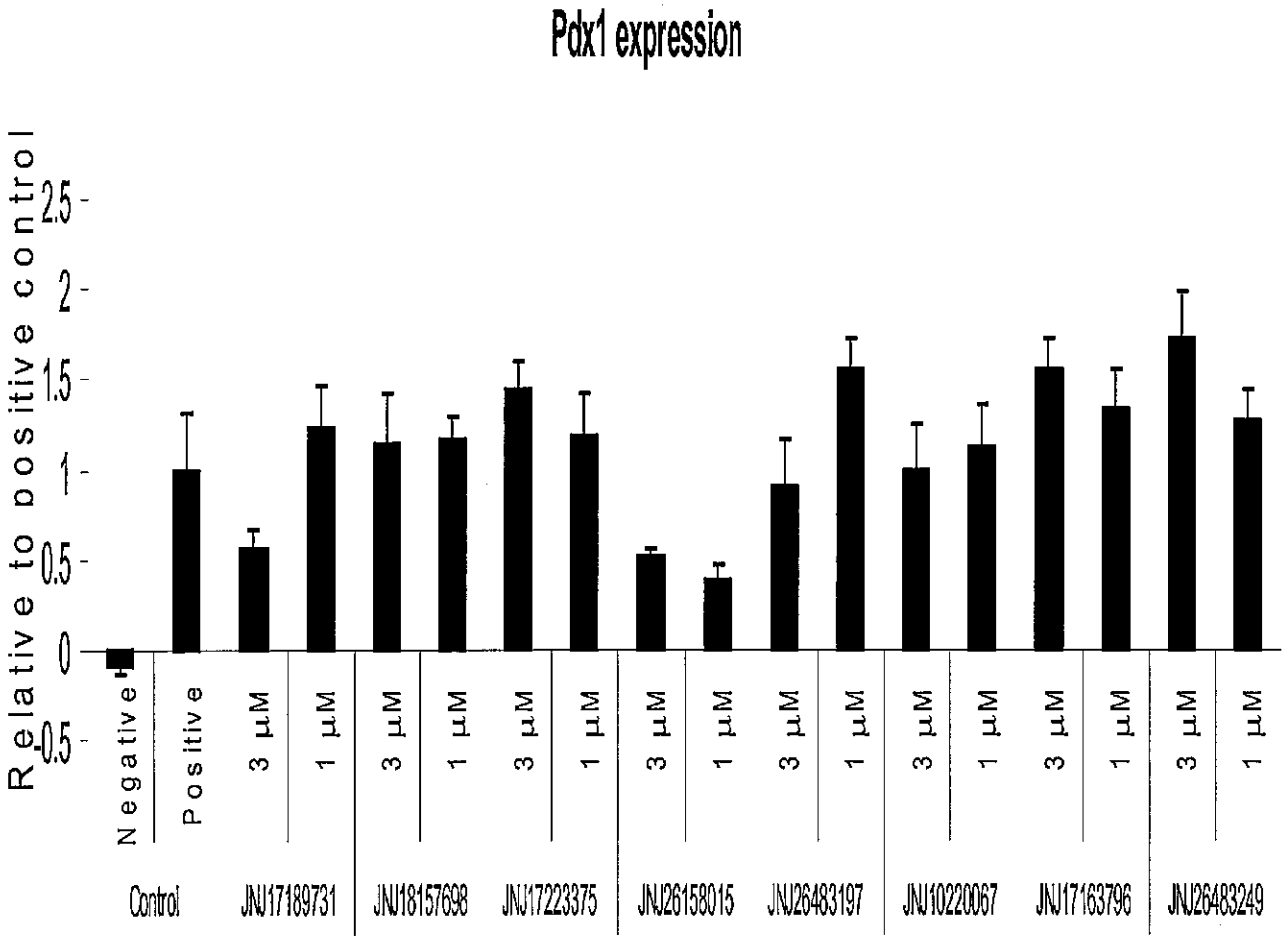

Pdx1 expression
Relative to positive control
2.5
2
1.5
1
0.5
0
-0.5
Negative
Positive
3 µM
1 µM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 12

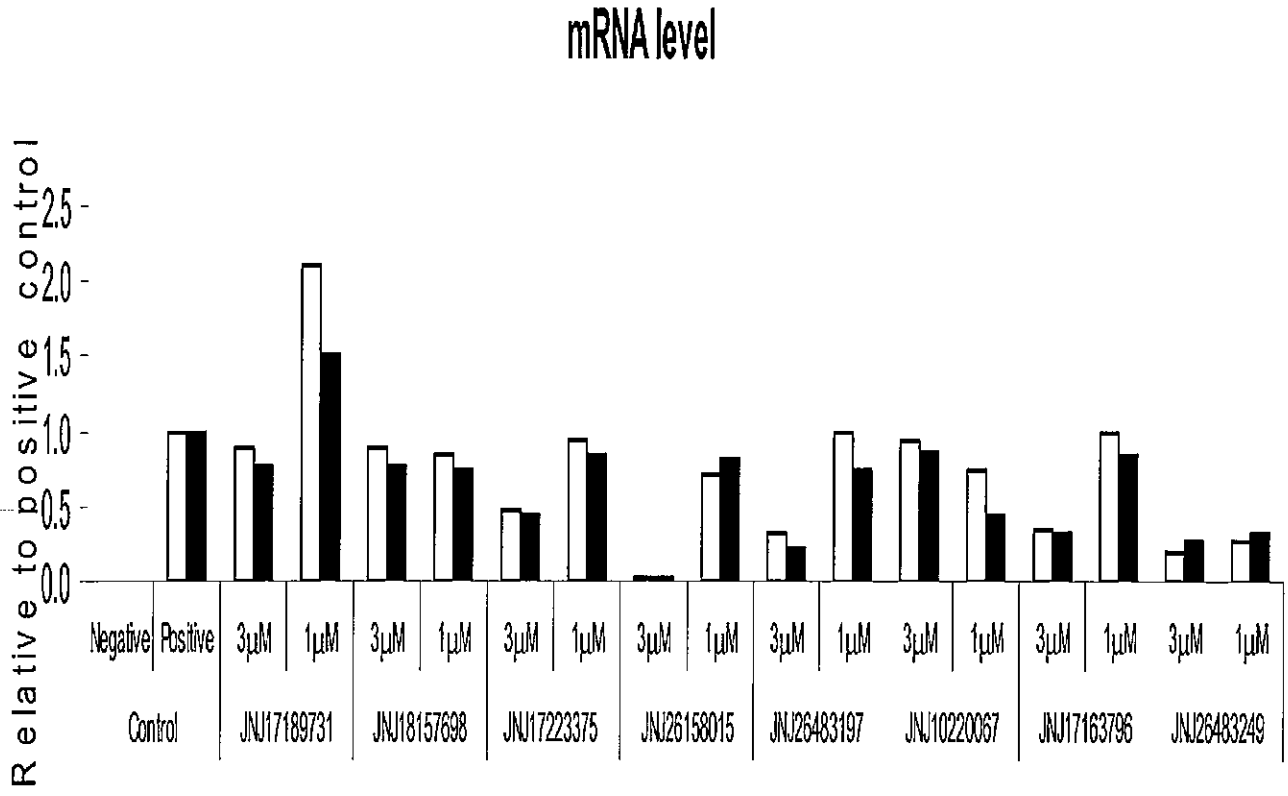

mRNA level
Relative to positive control
2.5
2.0
1.5
1.0
0.5
0.0
Negative
Positive
3µM
1µM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 13-A

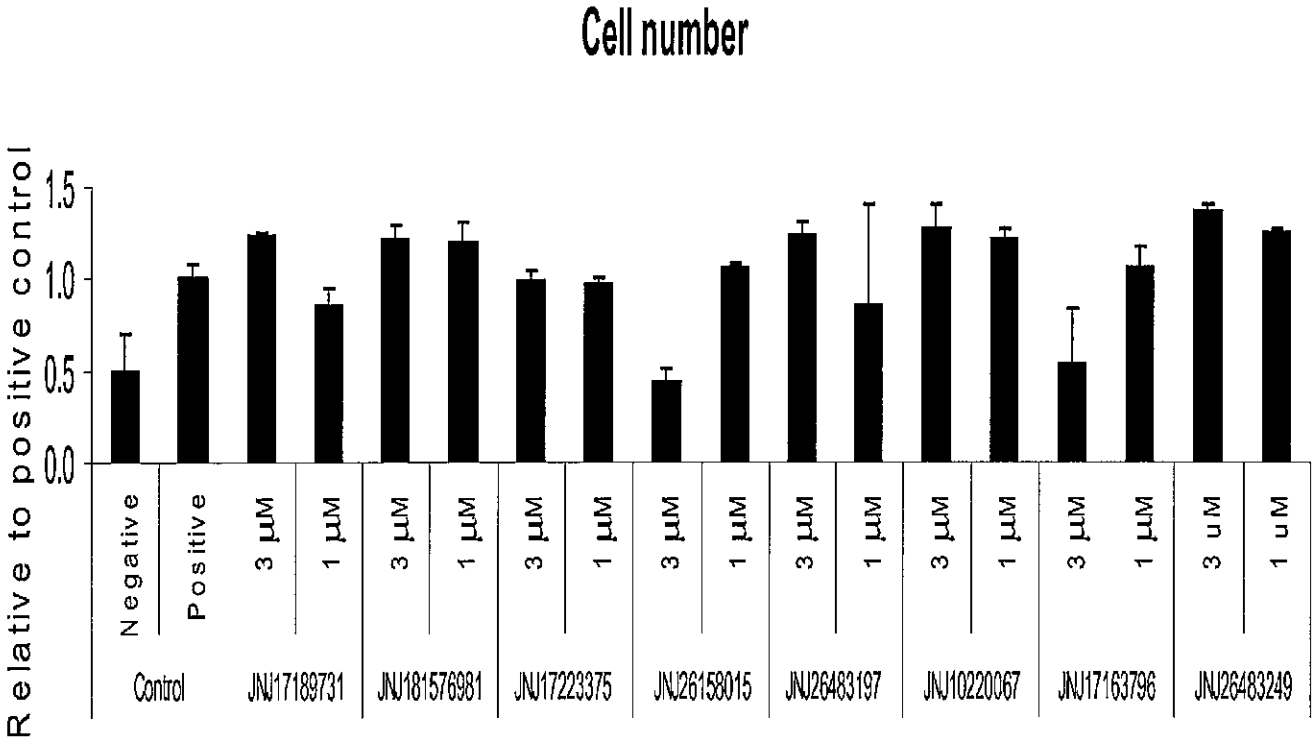

Cell number
Relative to positive control
1.5
1.0
0.5
0.0
Negative
Positive
3 µM
1 µM
3 uM
1 uM
Control
JNJ17189731
JNJ181576981
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 13-B

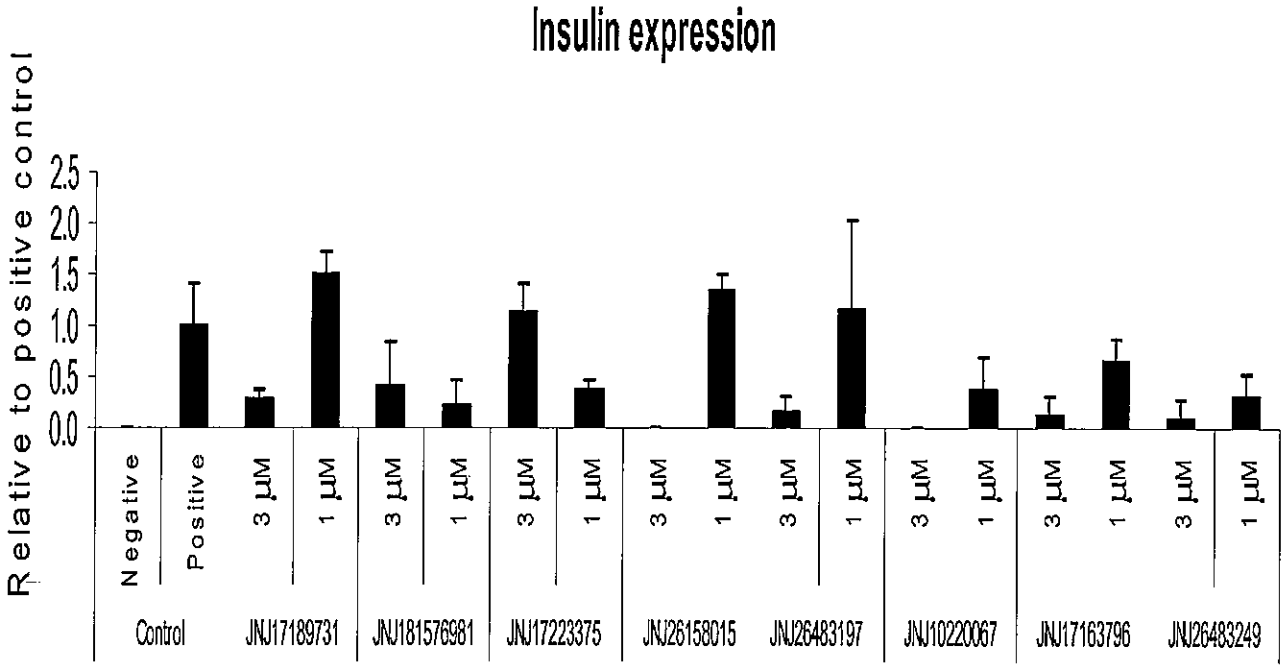

Insulin expression
Relative to positive control
2.5
2.0
1.5
1.0
0.5
0.0
Negative
Positive
3 µM
1 µM
Control
JNJ17189731
JNJ181576981
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 14

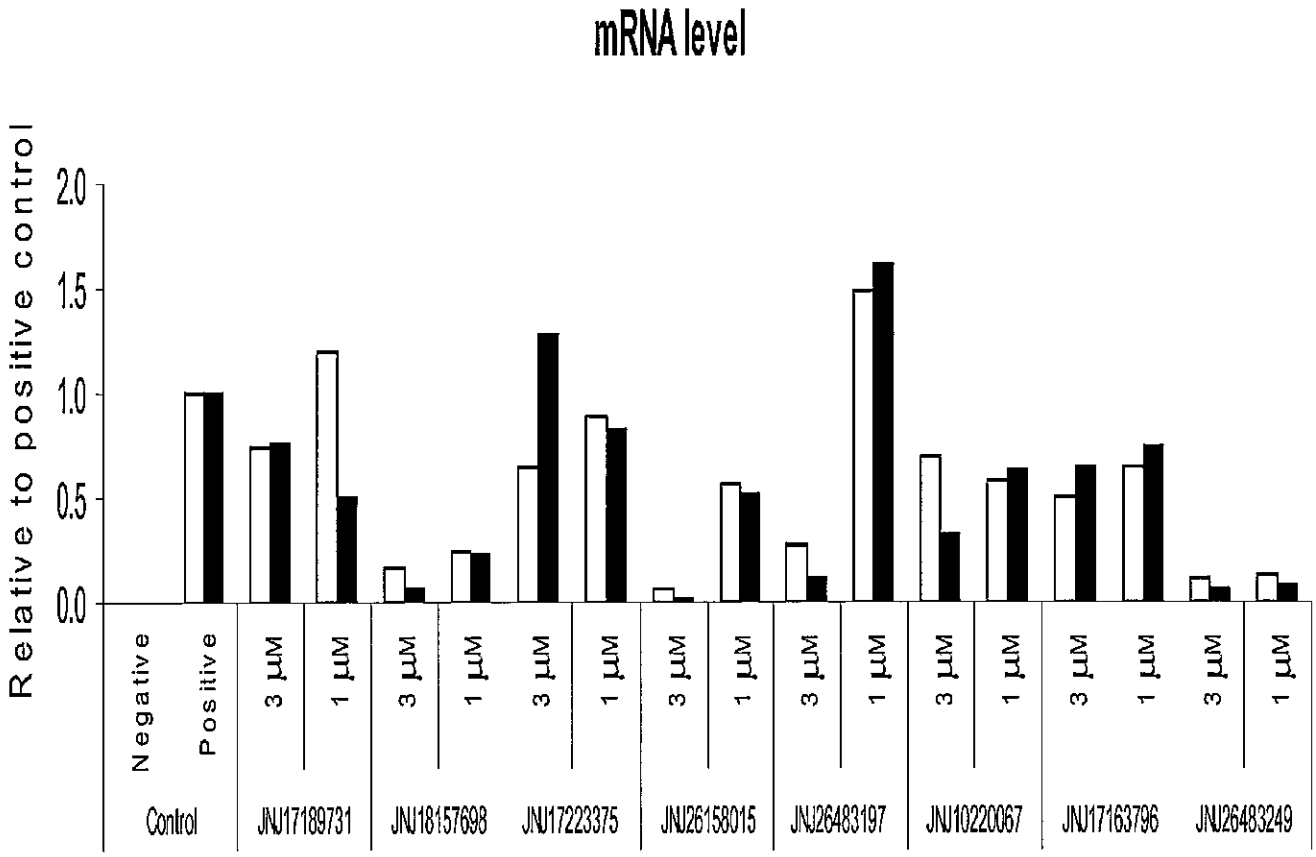

mRNA level
Relative to positive control
2.0
1.5
1.0
0.5
0.0
Negative
Positive
3 µM
1 µM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 15-A

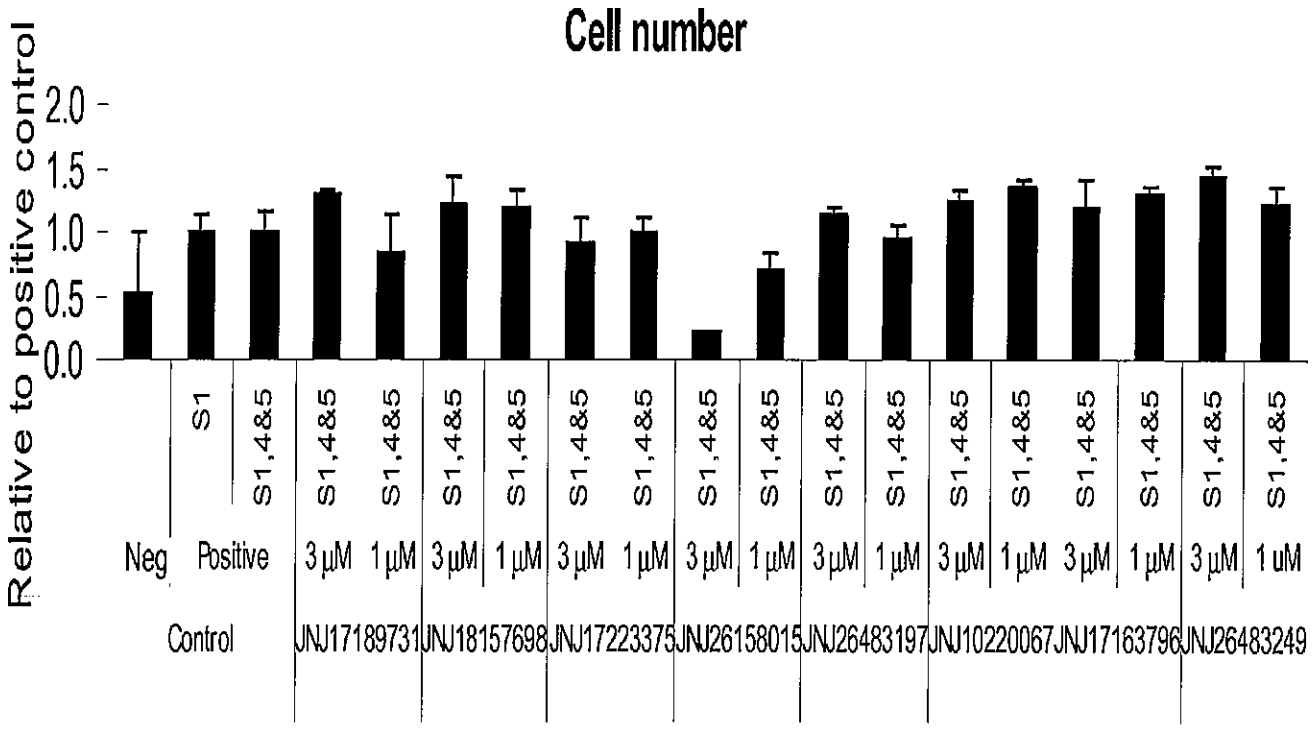
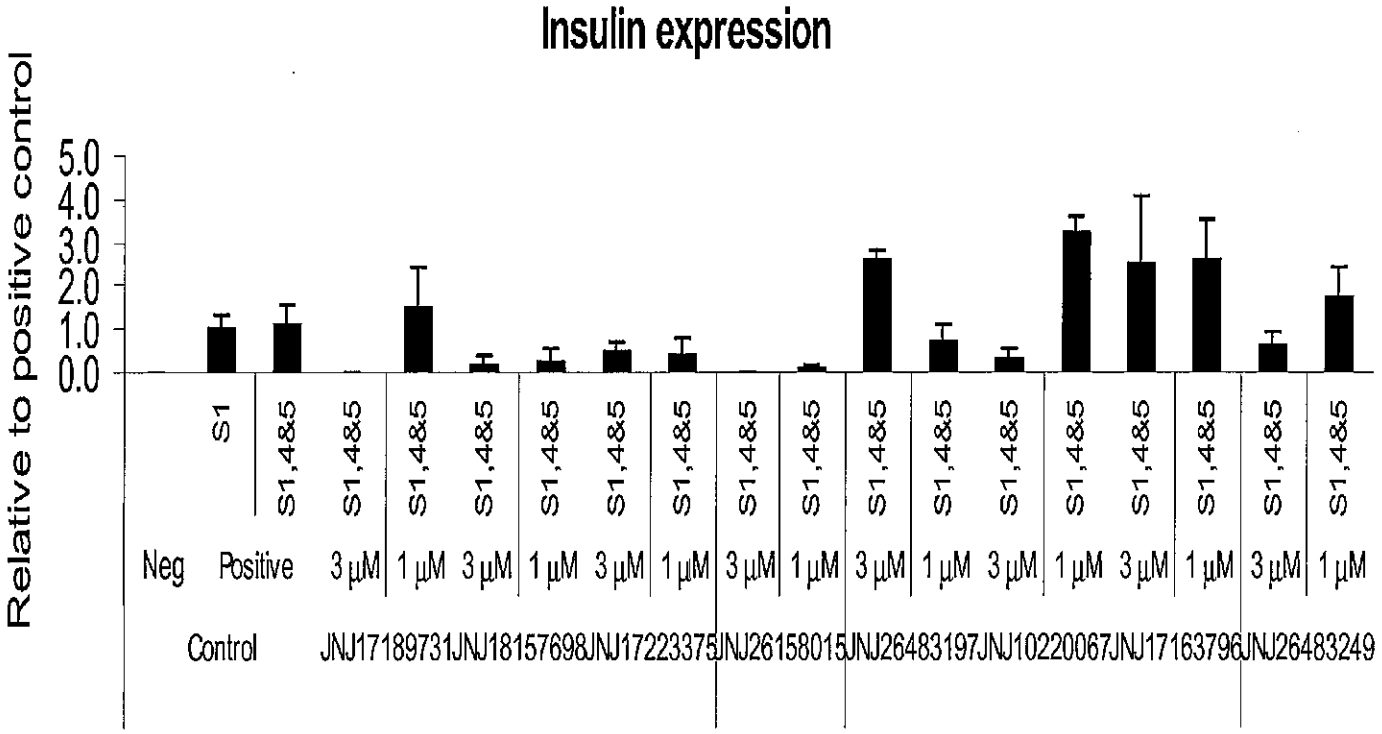

Cell number
Relative to positive control
2.0
1.5
1.0
0.5
0.0
S1
S1,4&5
Neg
Positive
3 µM
1 µM
1 uM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249

Figure 15-B


Insulin expression
Relative to positive control
5.0
4.0
3.0
2.0
1.0
0.0
S1
S1,4&5
Neg
Positive
3 µM
1 µM
Control
JNJ17189731
JNJ18157698
JNJ17223375
JNJ26158015
JNJ26483197
JNJ10220067
JNJ17163796
JNJ26483249