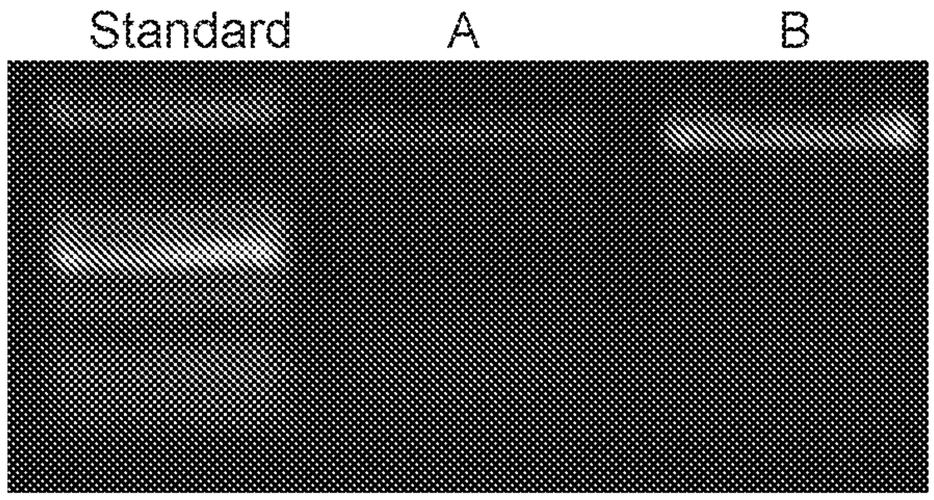


FIG. 1

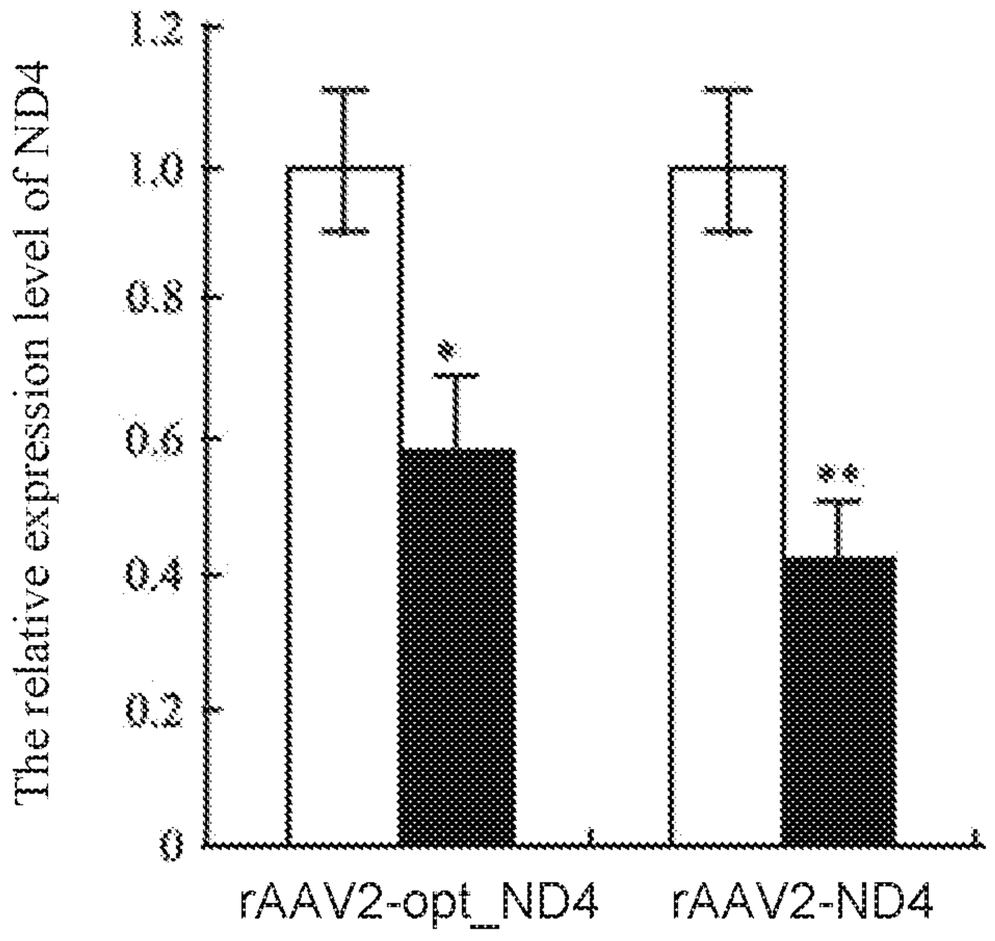

The relative expression level of ND4
0
0.2
0.4
0.6
0.8
1.0
1.2
*
**
rAAV2-opt_ND4
rAAV2-ND4

FIG. 2

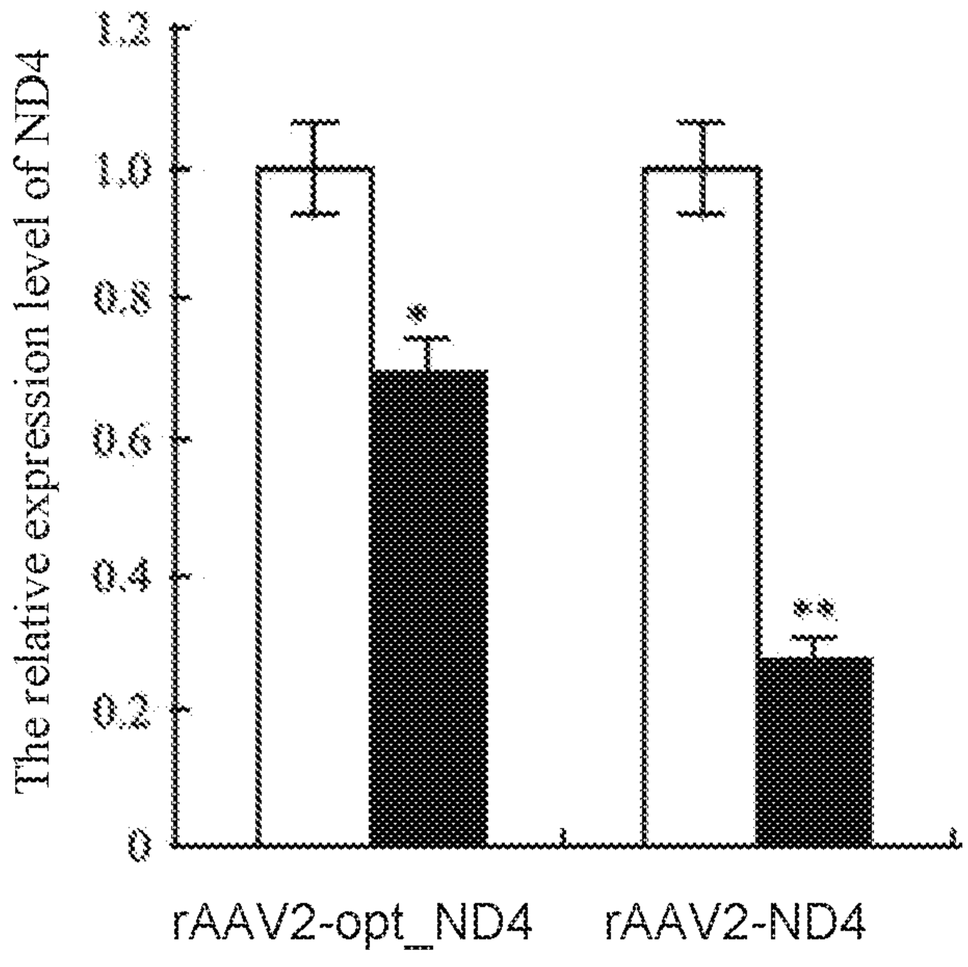
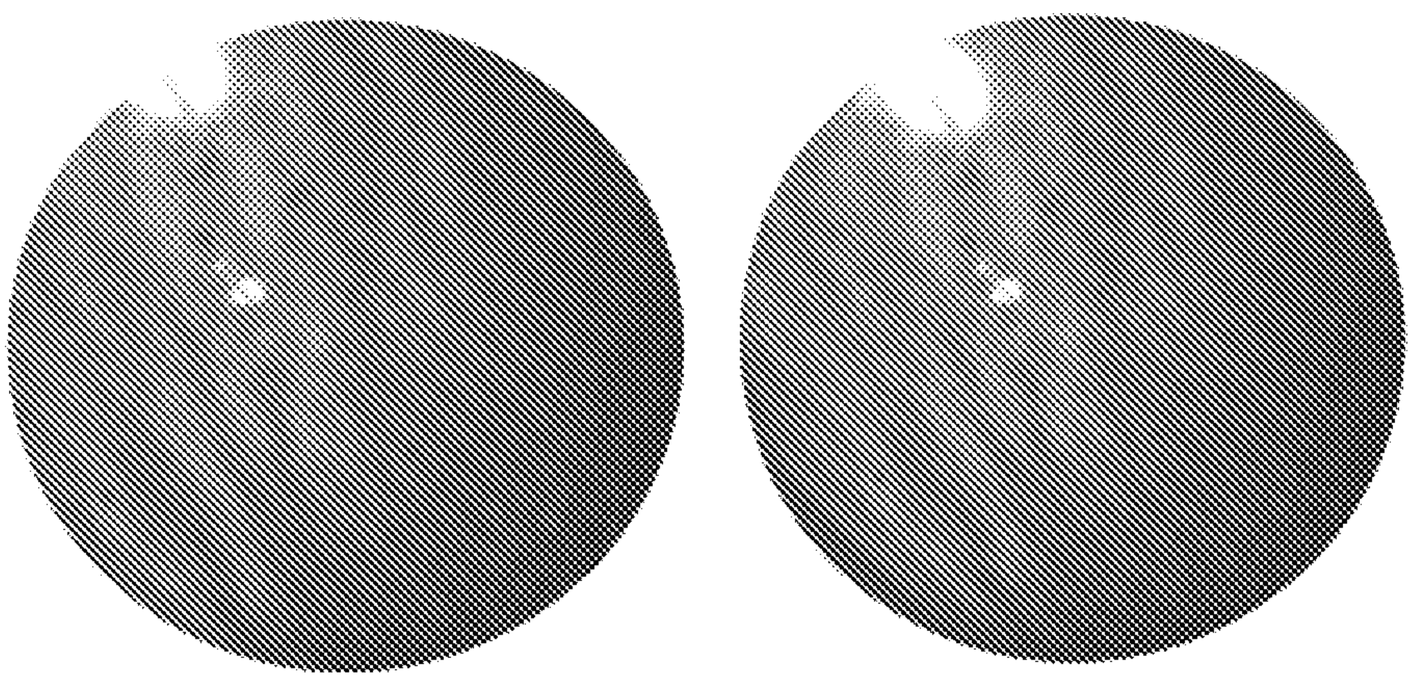

The relative expression level of ND4
1.2
1.0
0.8
0.6
0.4
0.2
0
*
**
rAAV2-opt_ND4
rAAV2-ND4

FIG. 3



rAAV2-ND4 rAAV2-opt_ND4

FIG. 4

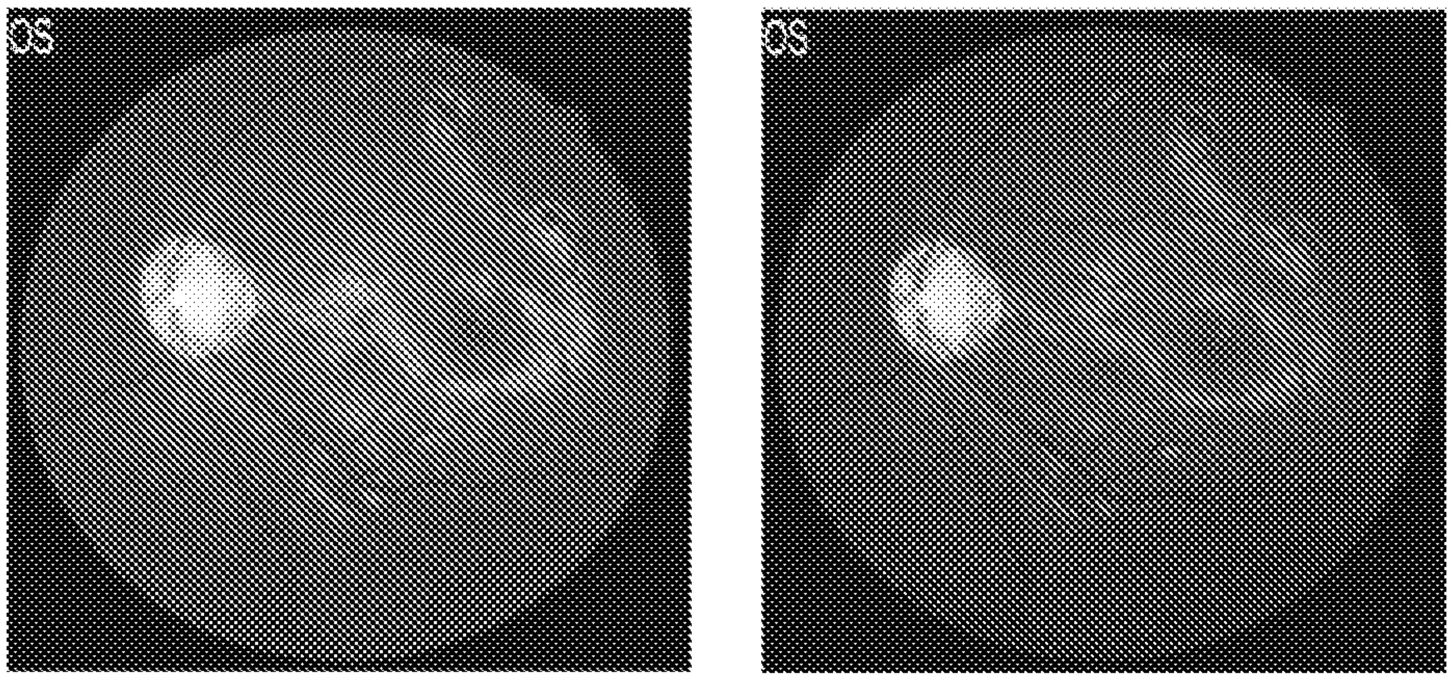


FIG. 5

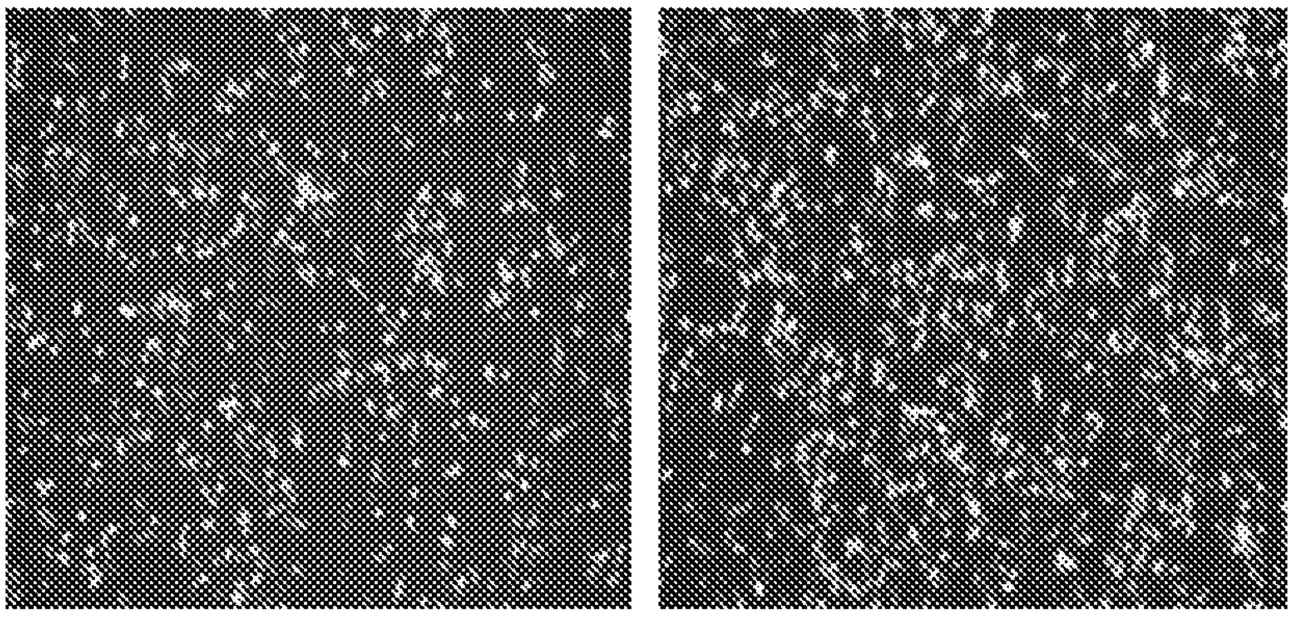


FIG. 6

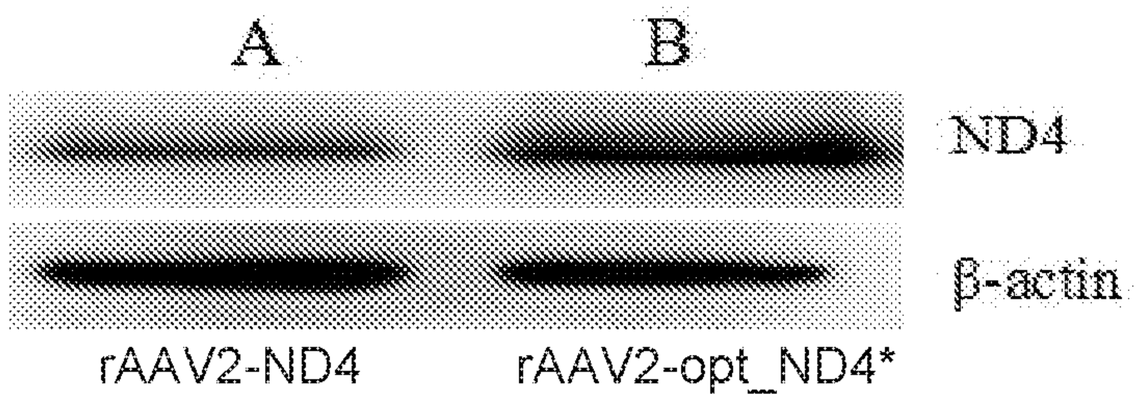


FIG. 7

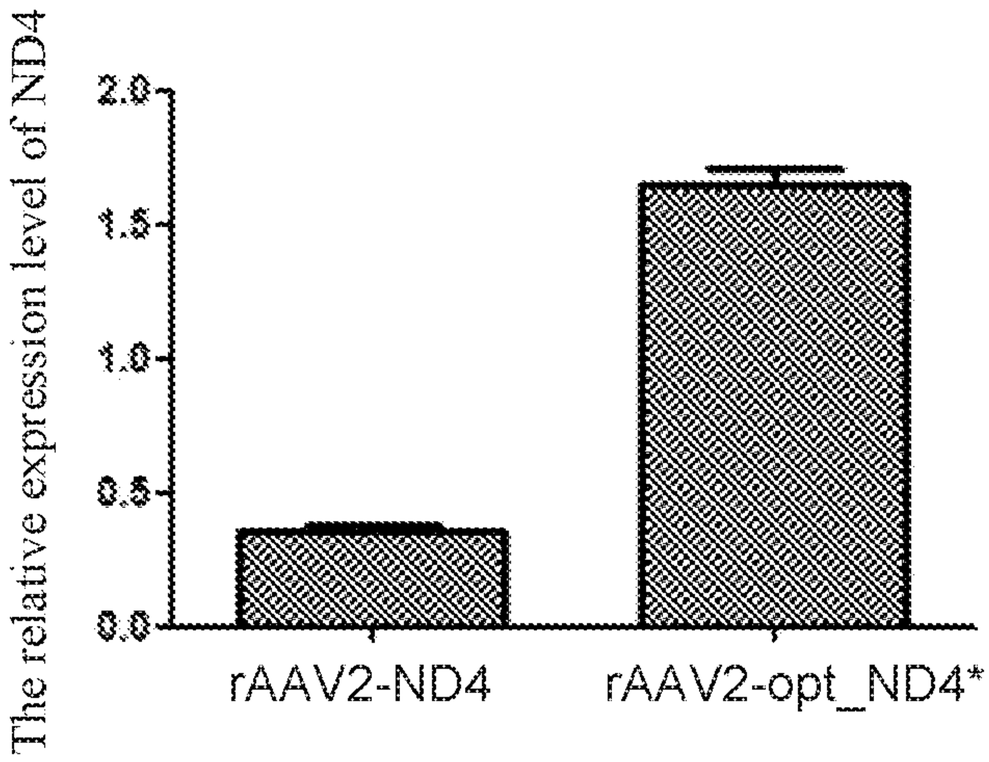

The relative expression level of ND4
2.0
1.5
1.0
0.5
0.0
rAAV2-ND4
rAAV2-opt_ND4*

FIG. 8

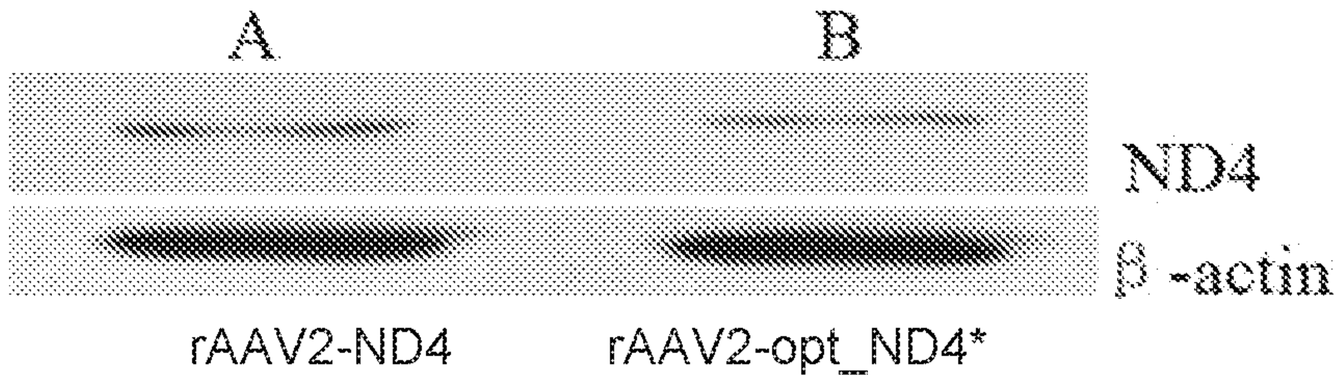


FIG. 9

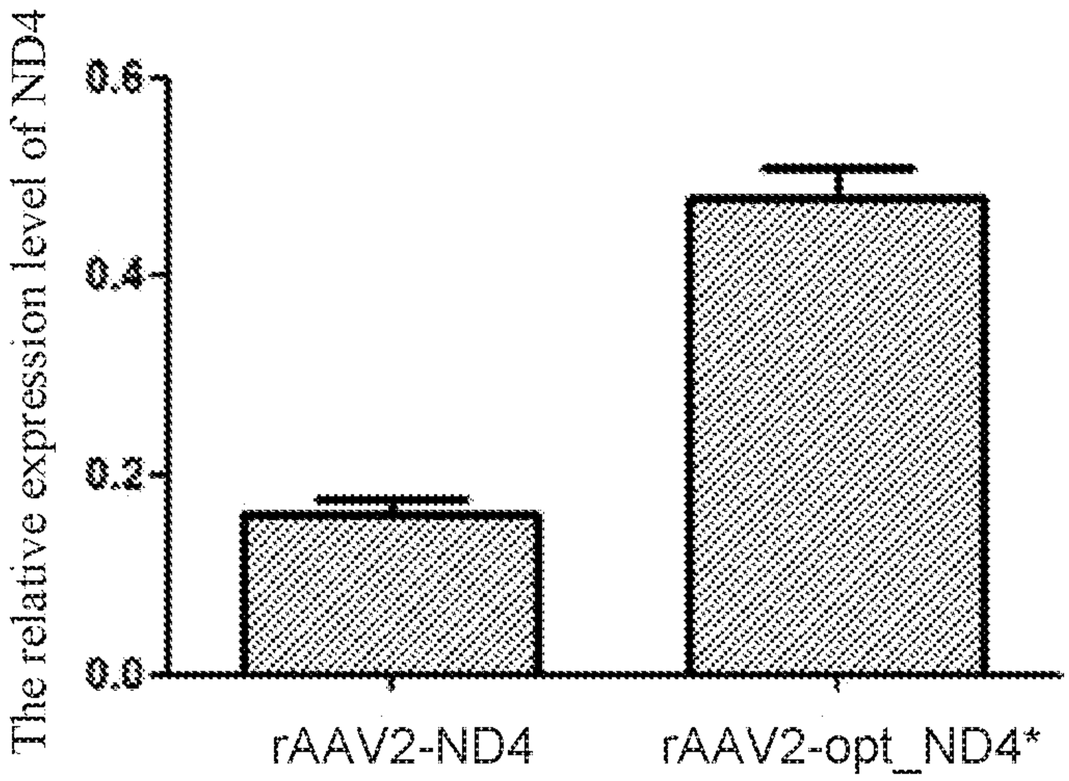
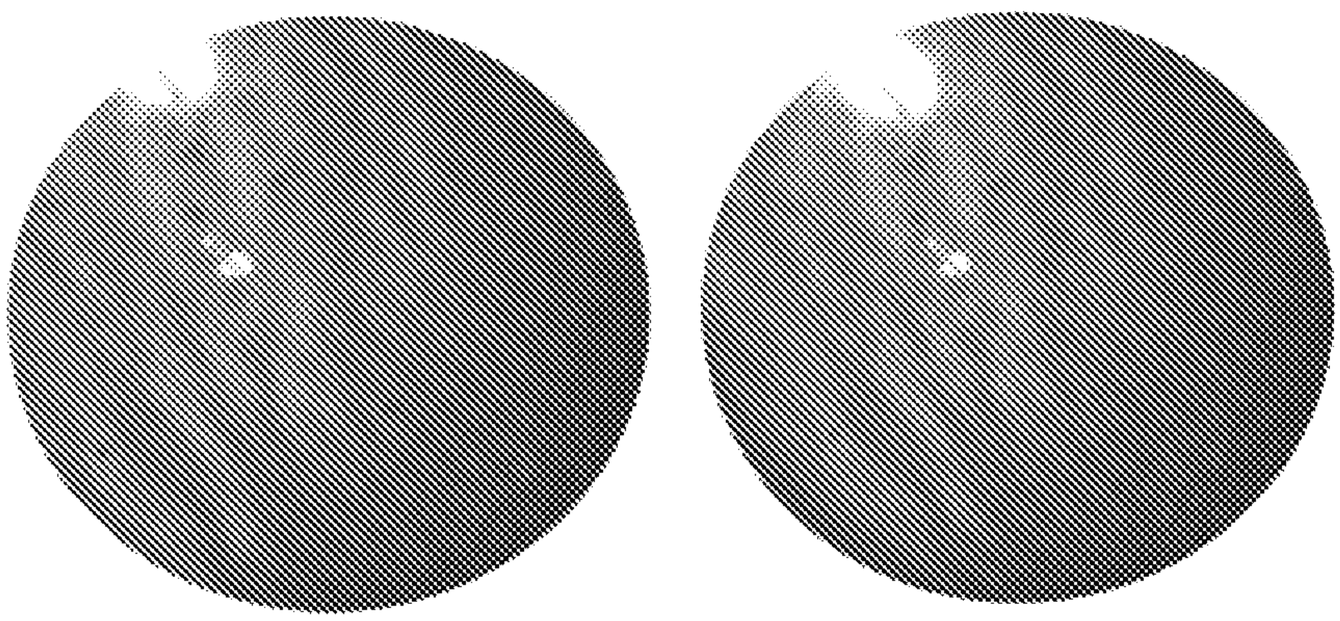

The relative expression level of ND4
0.6
0.4
0.2
0.0
rAAV2-ND4
rAAV2-opt_ND4*

FIG. 10



rAAV2-ND4 rAAV2-opt_ND4*

FIG. 11

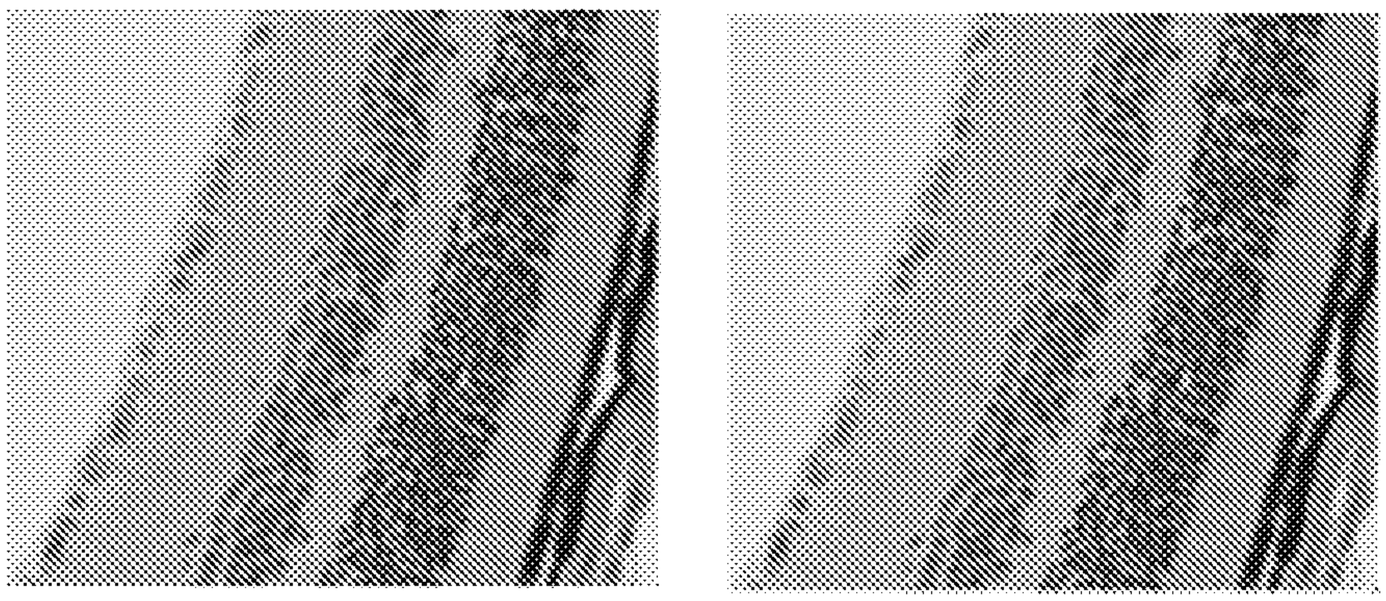


FIG. 12

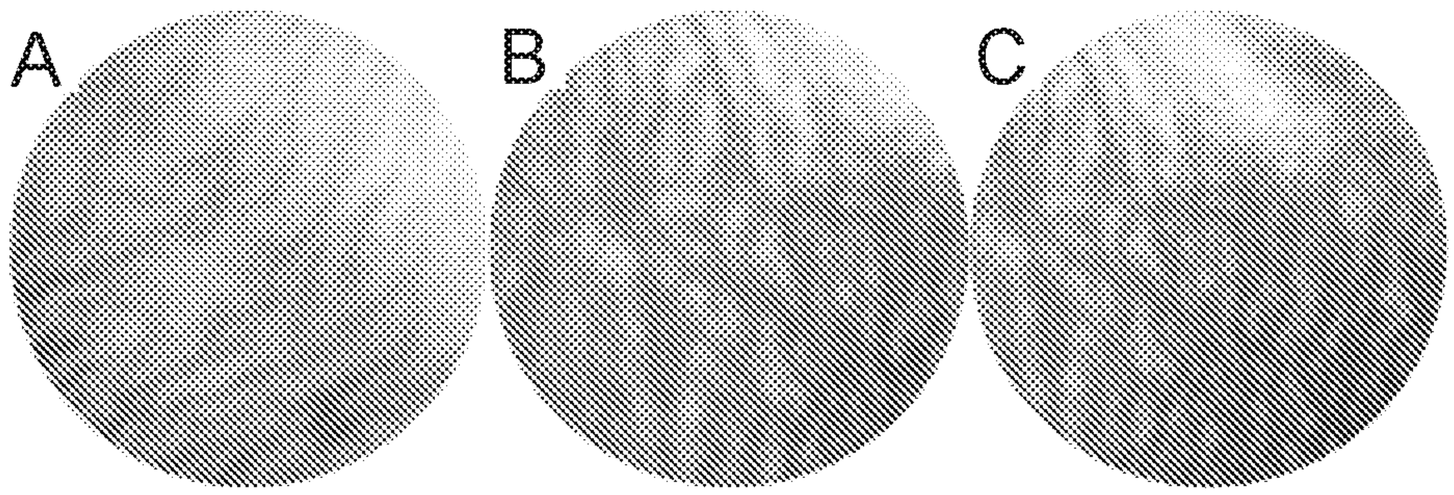
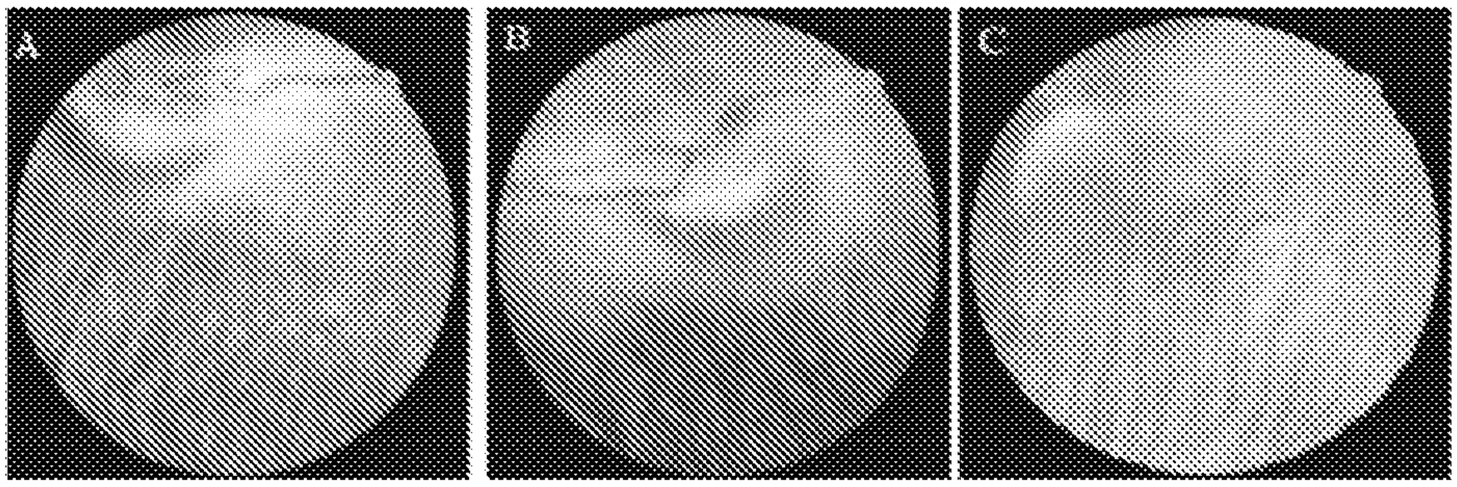


FIG. 13



A B C

FIG. 14

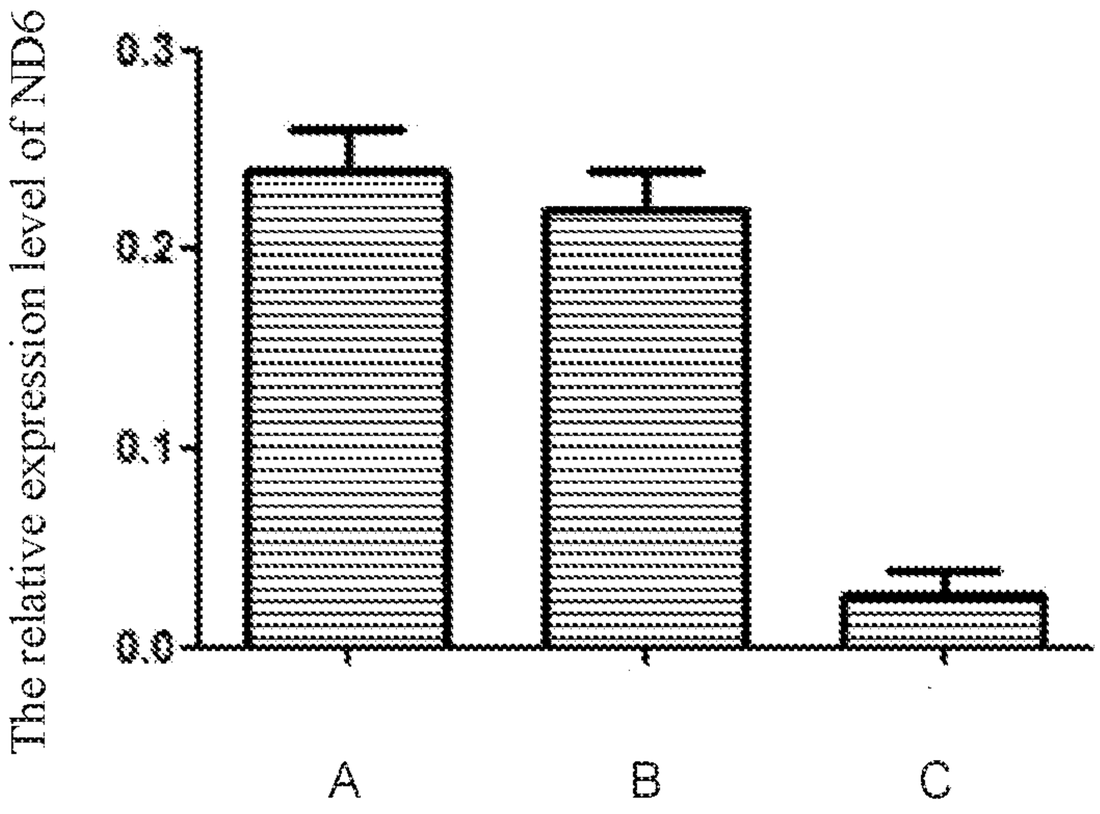


FIG. 15

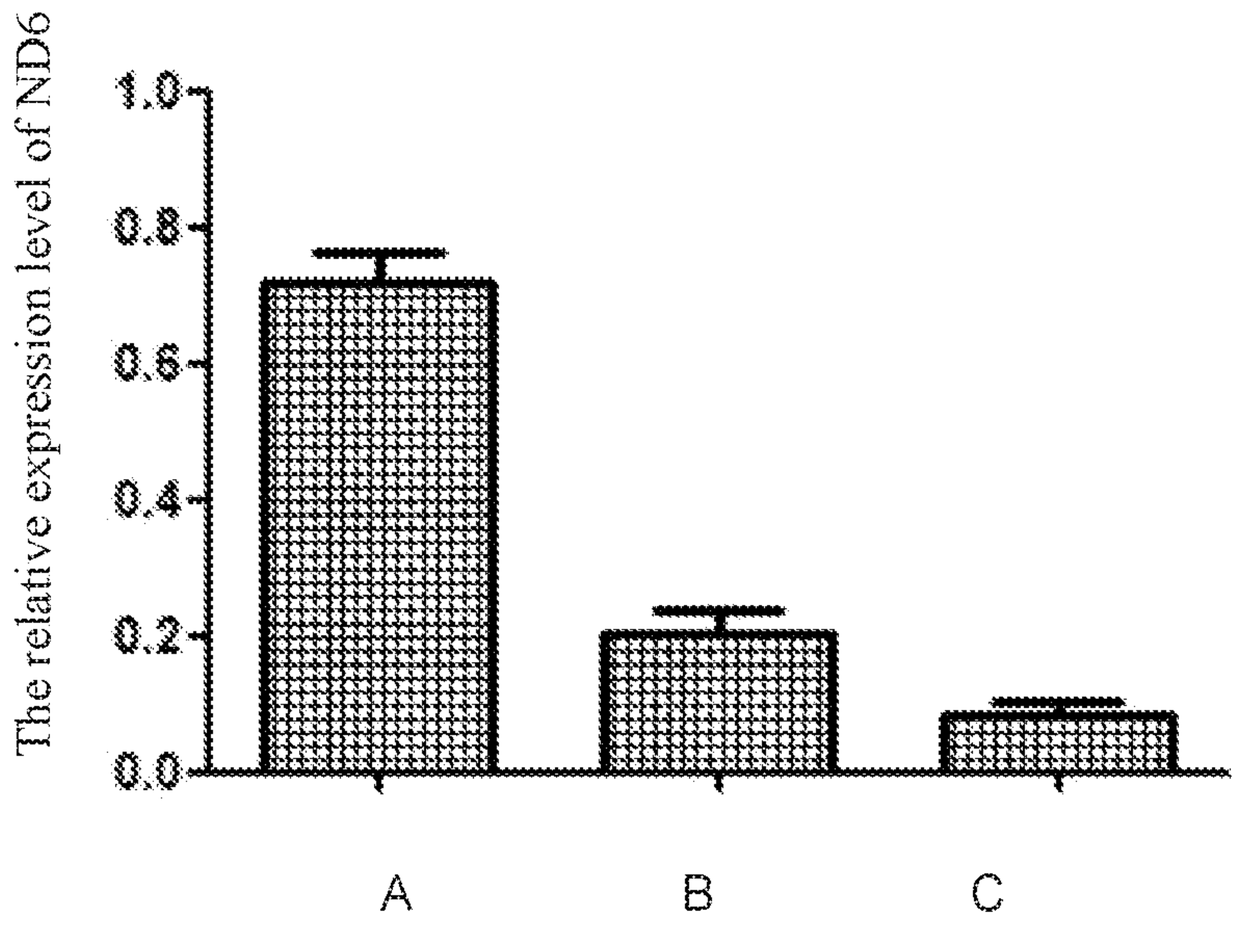


FIG. 16

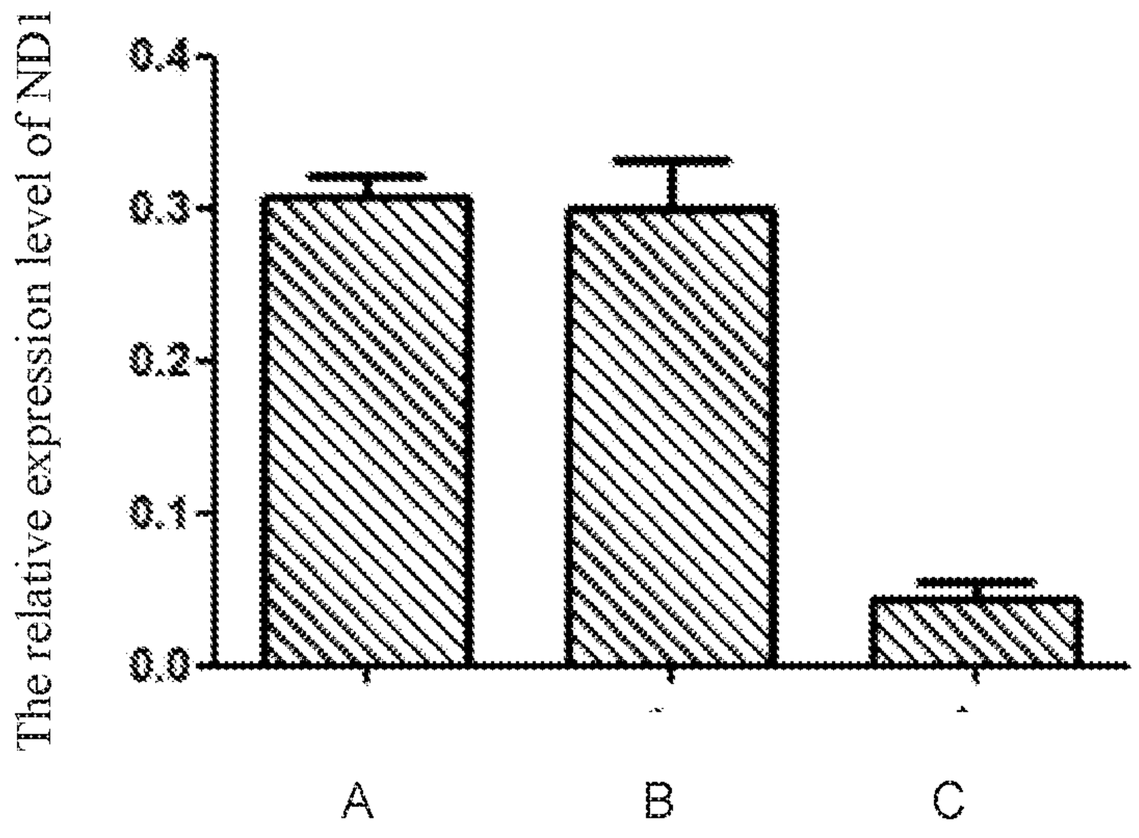


FIG. 17

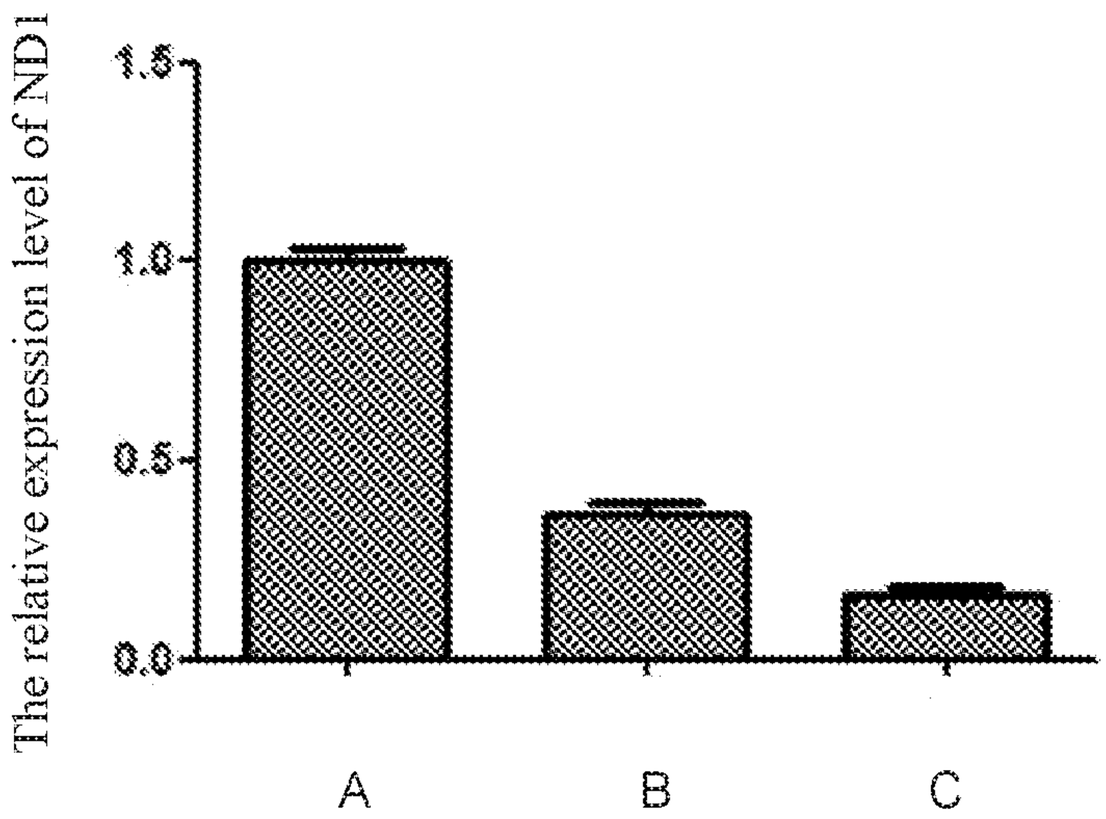


FIG. 18