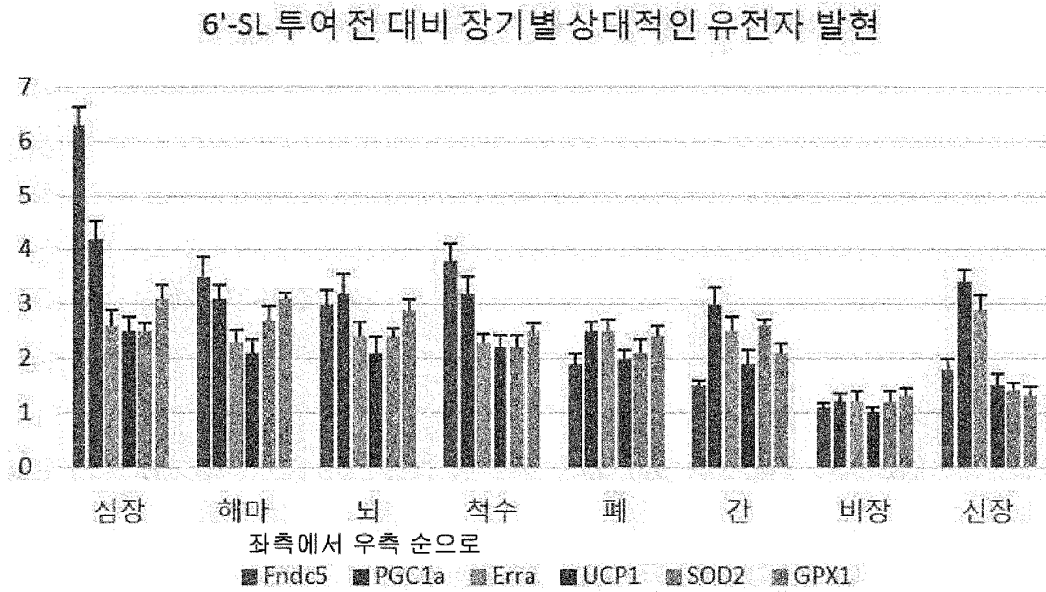
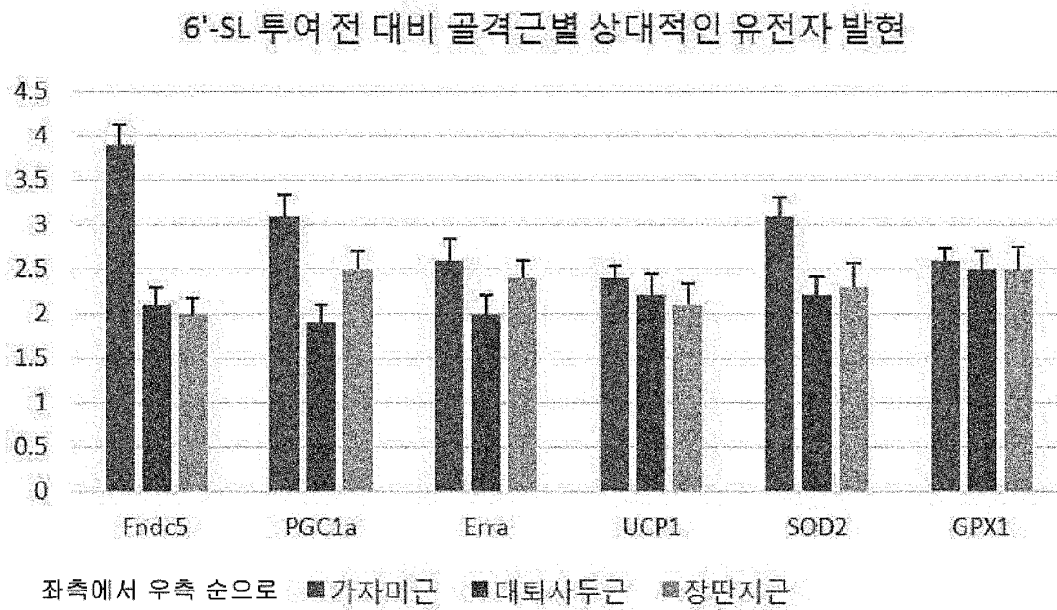


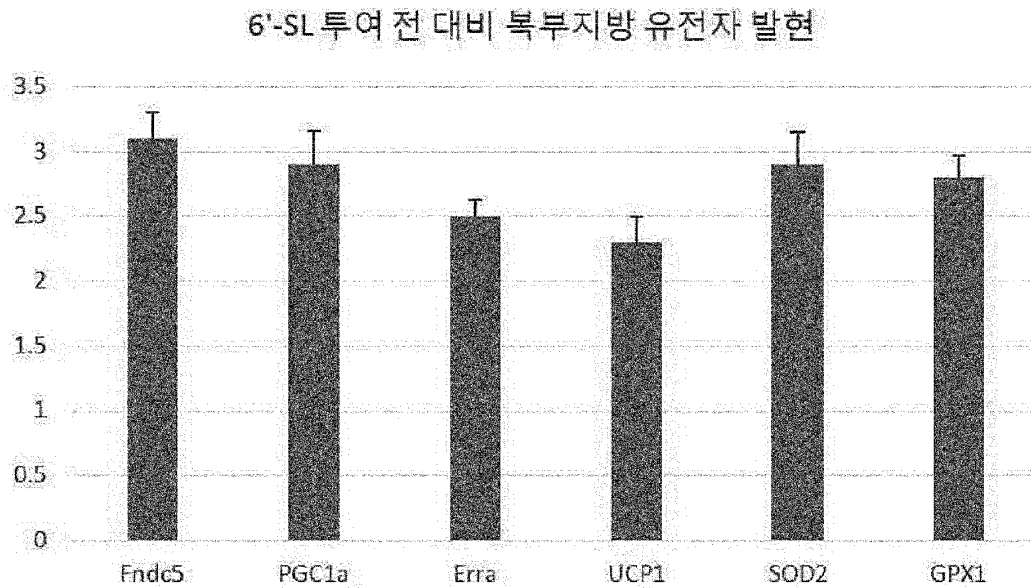
[도1a]



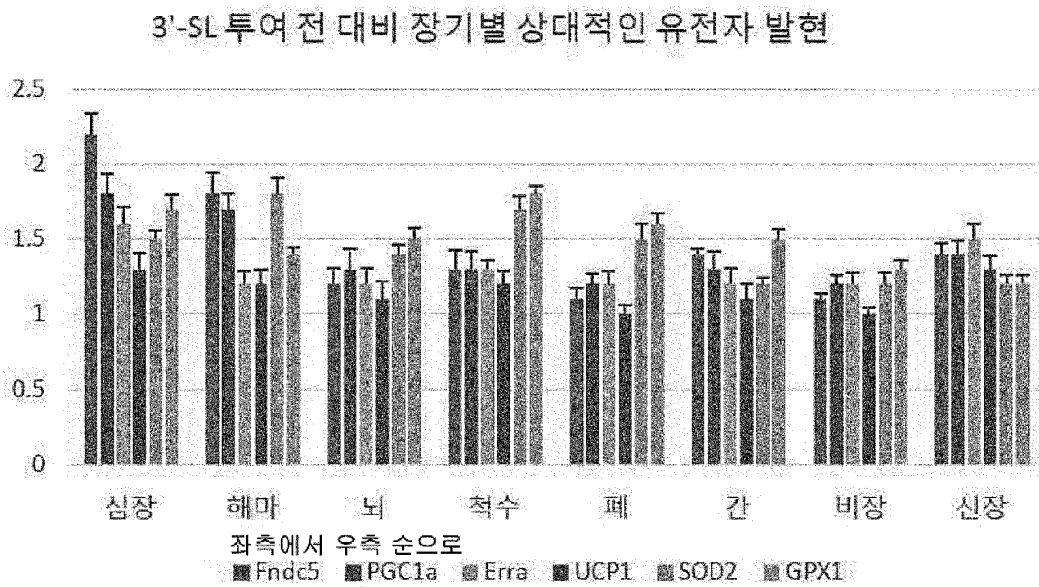
[도1b]



[도1c]

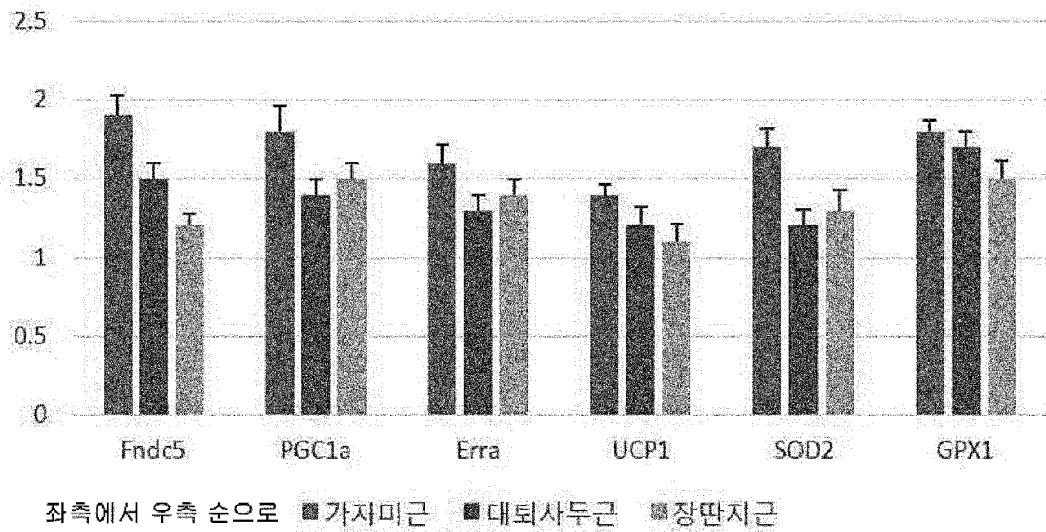


[도1d]



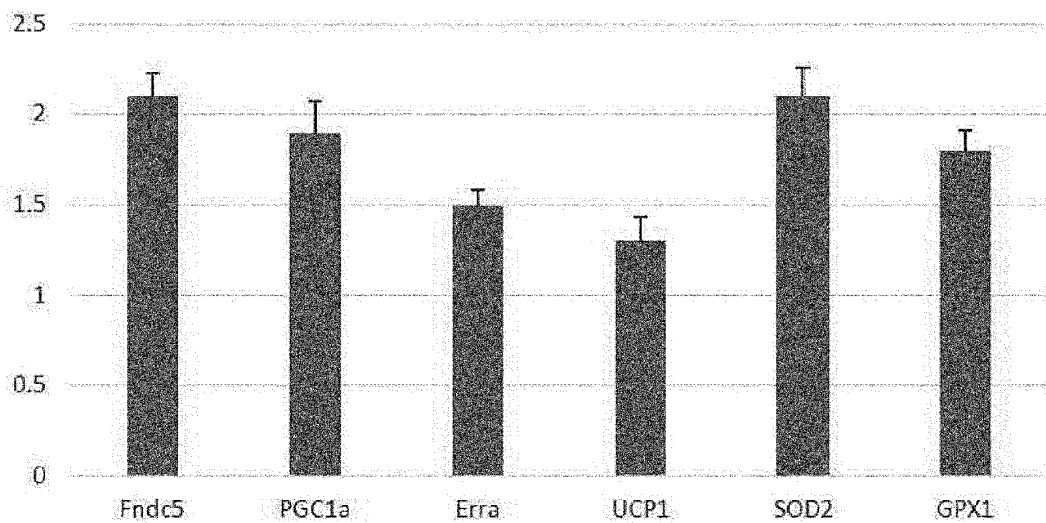
[도1e]

3'-SL 투여 전 대비 골격근별 상대적인 유전자 발현

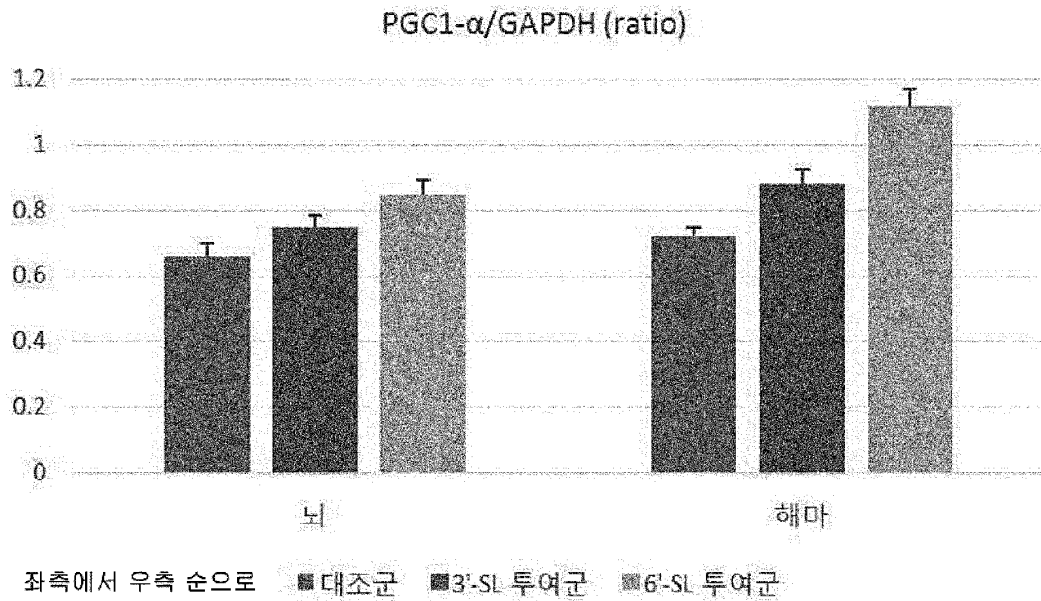


[도1f]

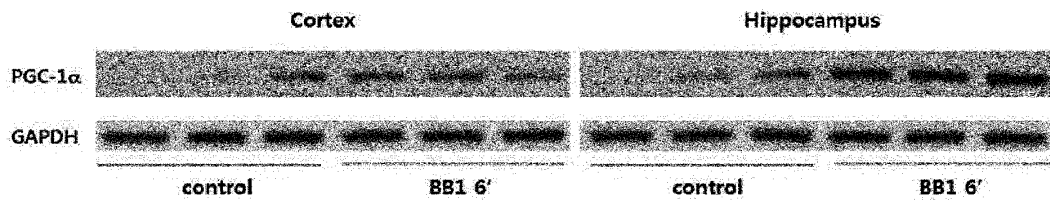
3'-SL 투여 전 대비 복부지방 유전자 발현



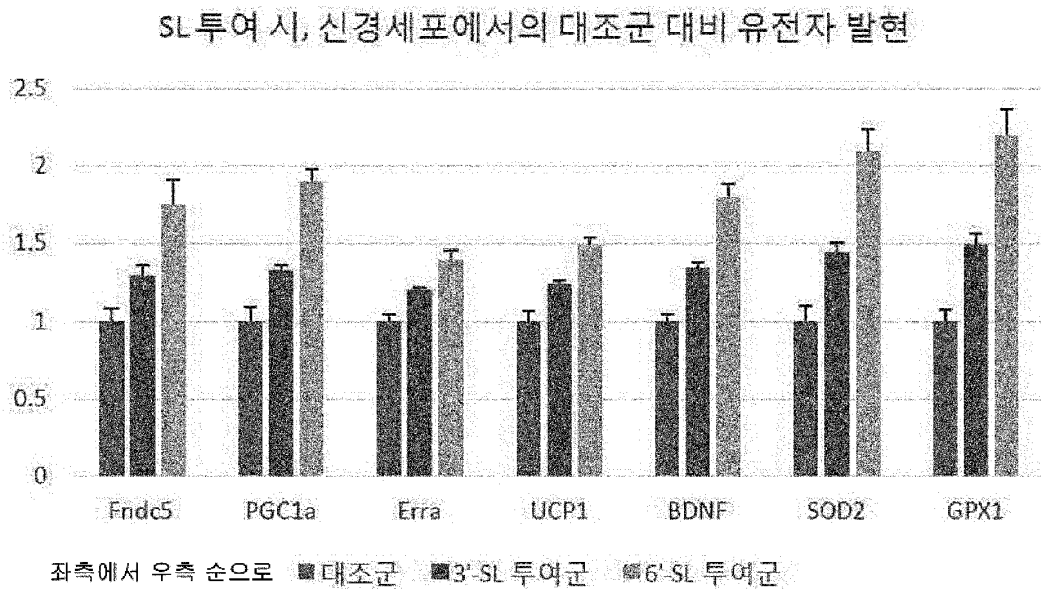
[도2a]



[도2b]

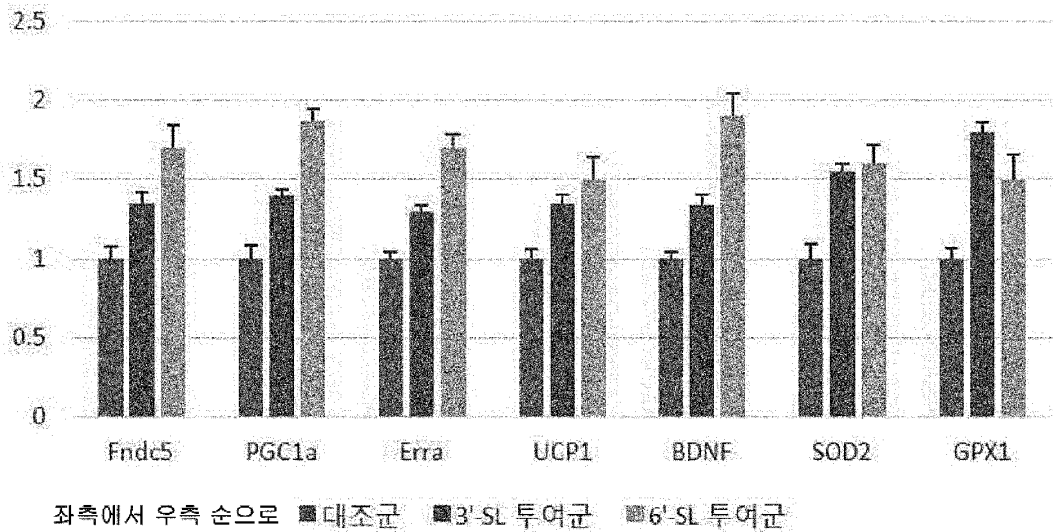


[도3]



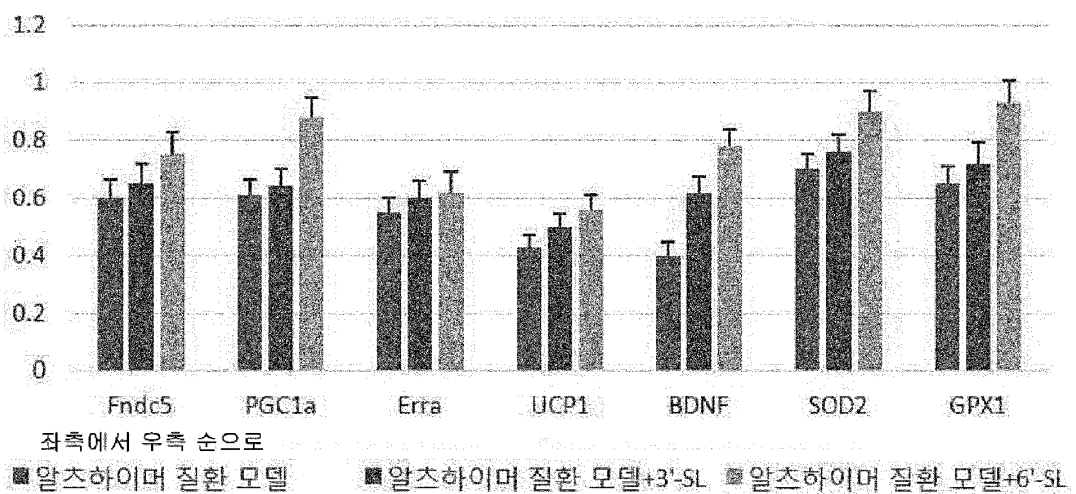
[도4]

SL 투여 시, 근육세포에서의 대조군 대비 유전자 발현

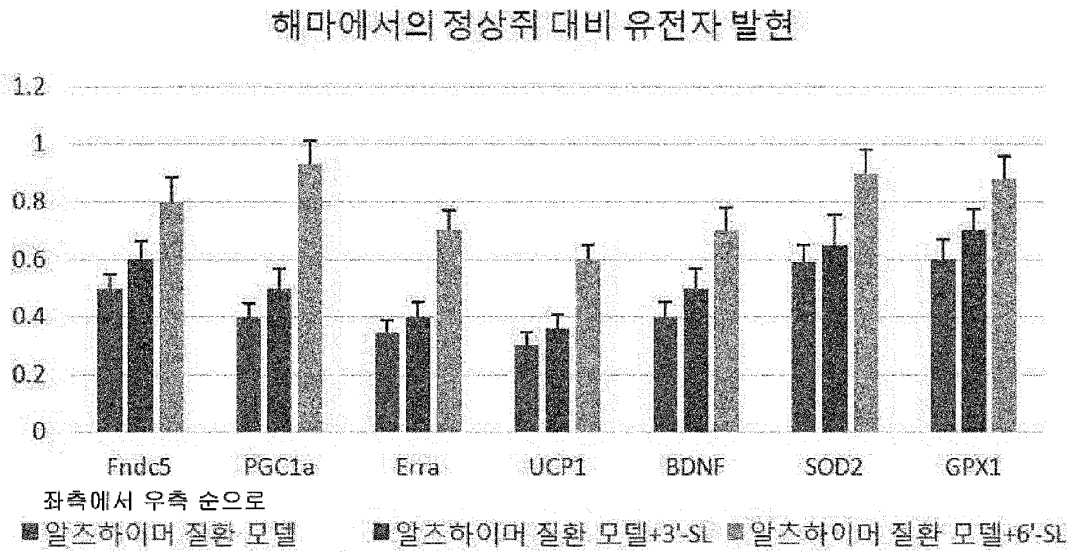


[도5a]

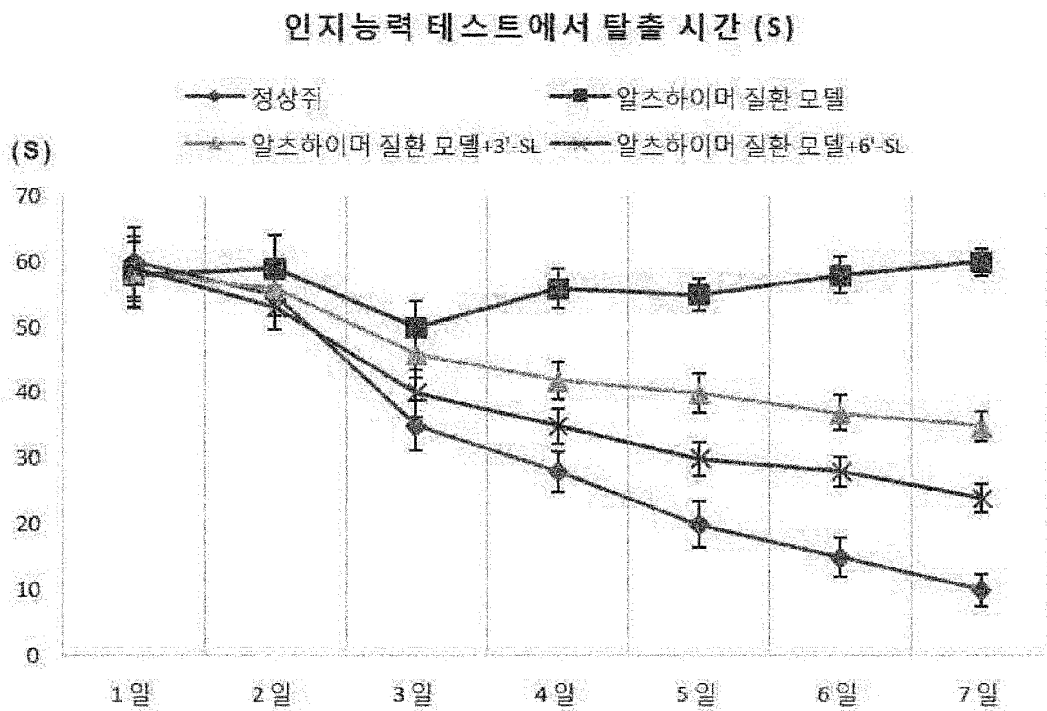
뇌에서의 정상쥐 대비 유전자 발현



[도5b]

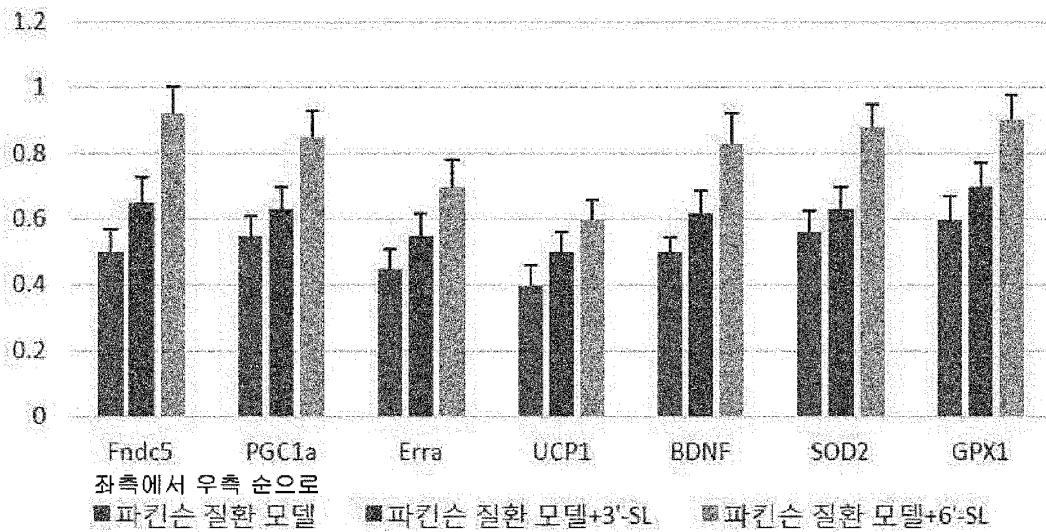


[도6]



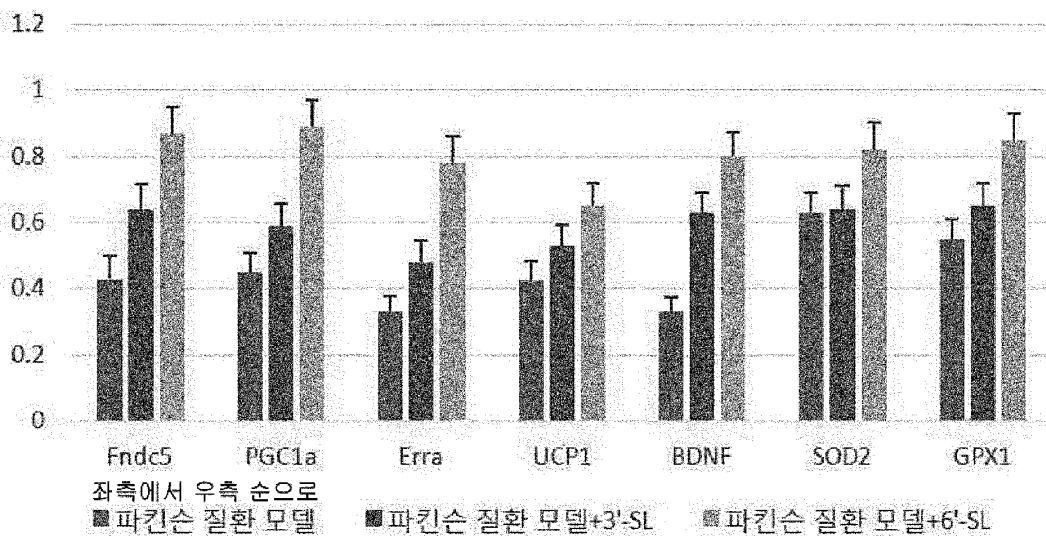
[도7a]

뇌에서의 정상쥐 대비 유전자 발현



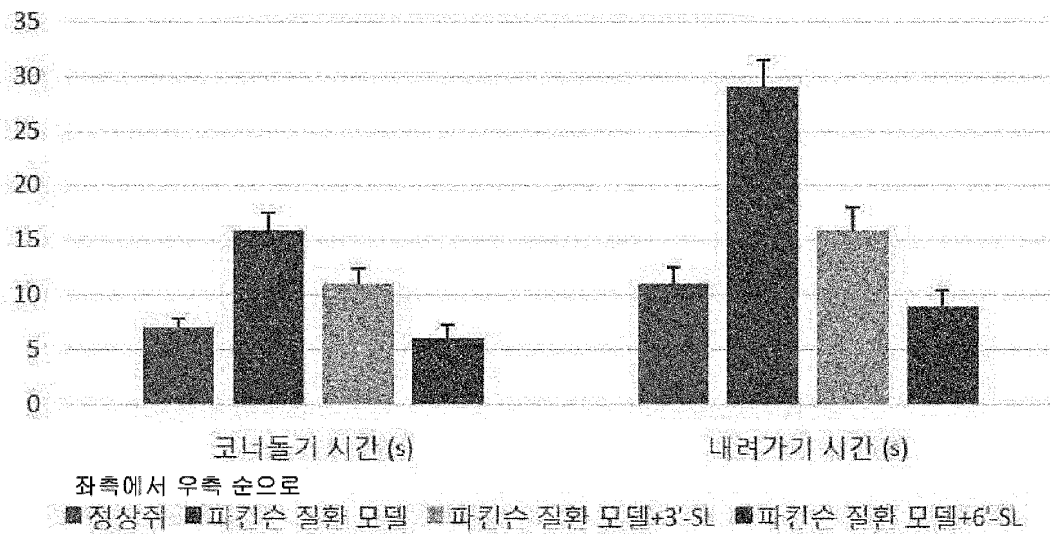
[도7b]

해마에서의 정상쥐 대비 유전자 발현



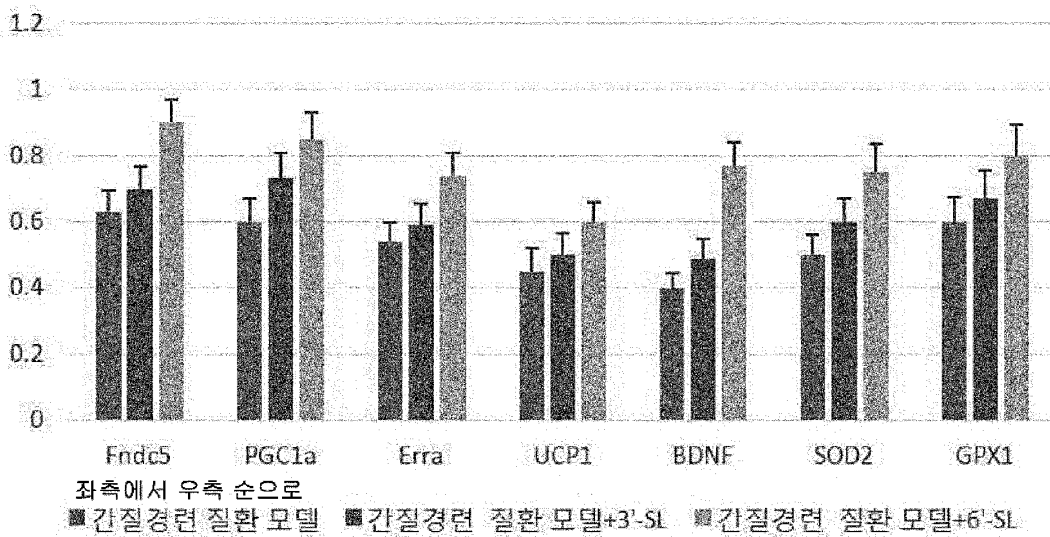
[도8]

파킨슨병 동물모델 행동실험



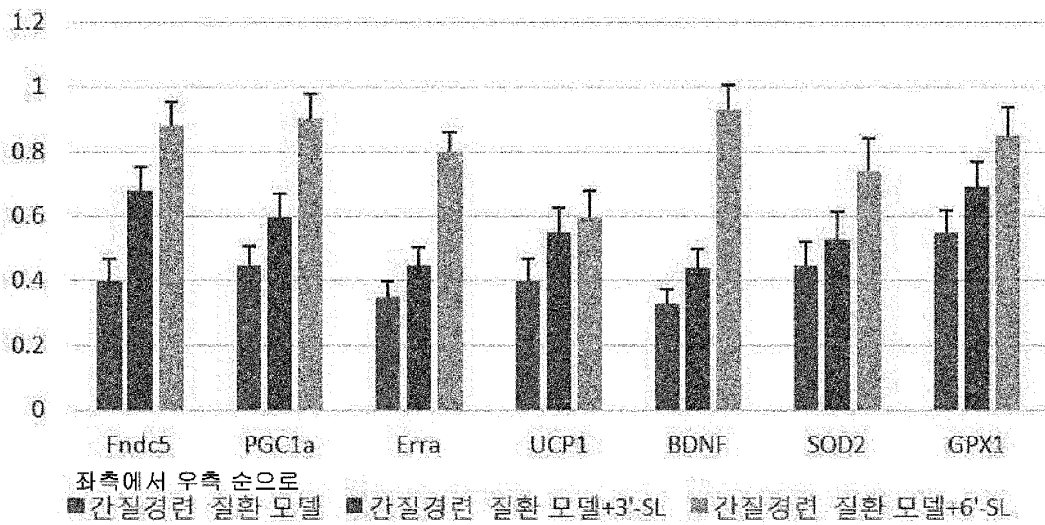
[도9a]

뇌에서의 정상쥐 대비 유전자 발현



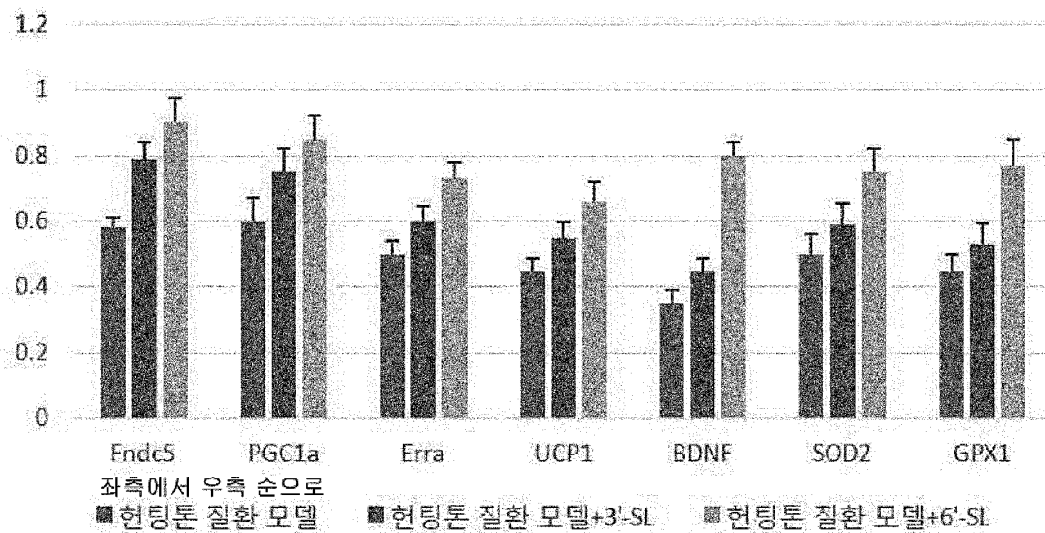
[도9b]

해마에서의 정상쥐 대비 유전자 발현



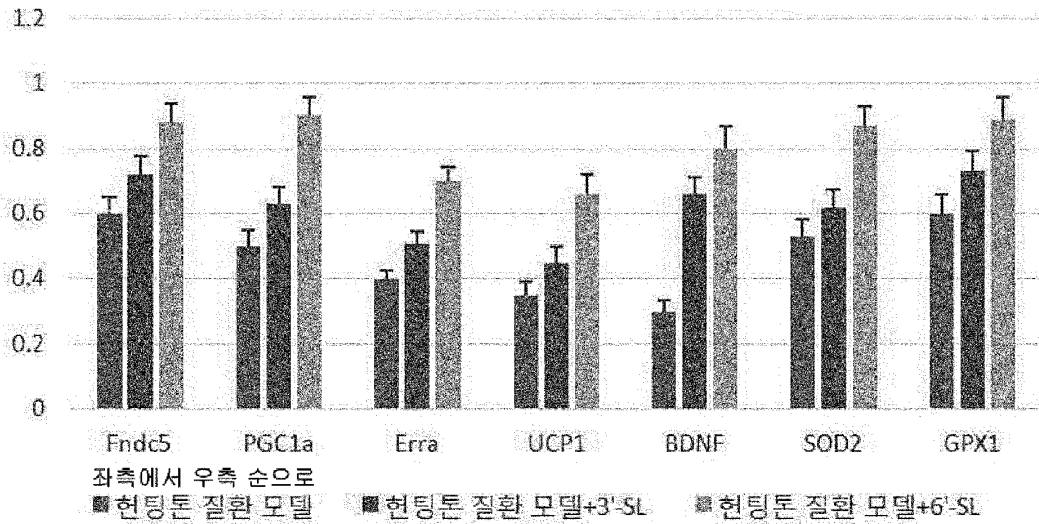
[도10a]

뇌에서의 정상쥐 대비 유전자 발현



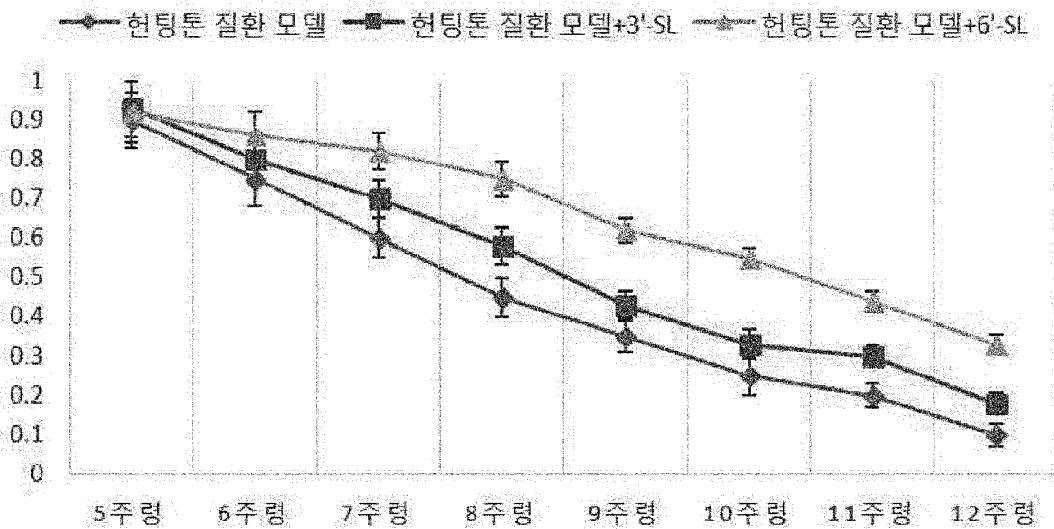
[도10b]

해마에서의 정상쥐 대비 유전자 발현

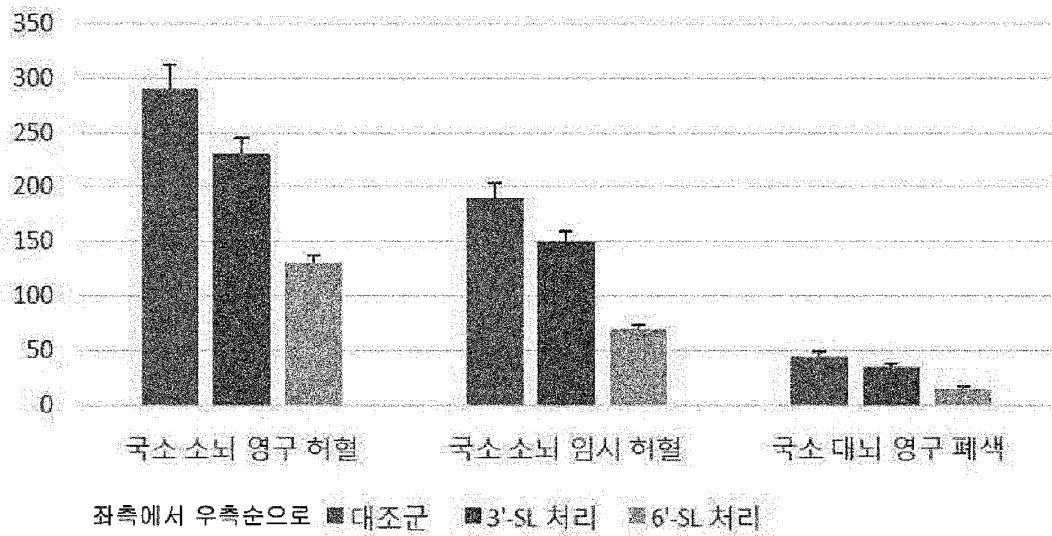


[도11]

정상쥐 대비 로타로드 주행시간 비율

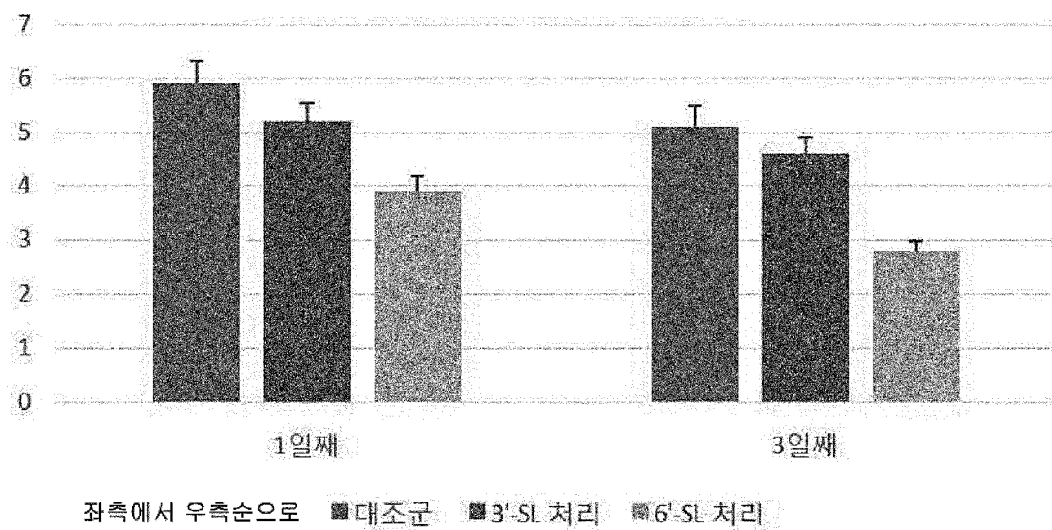


[도12]

허혈 모델에서의 허혈부피 (mm³)

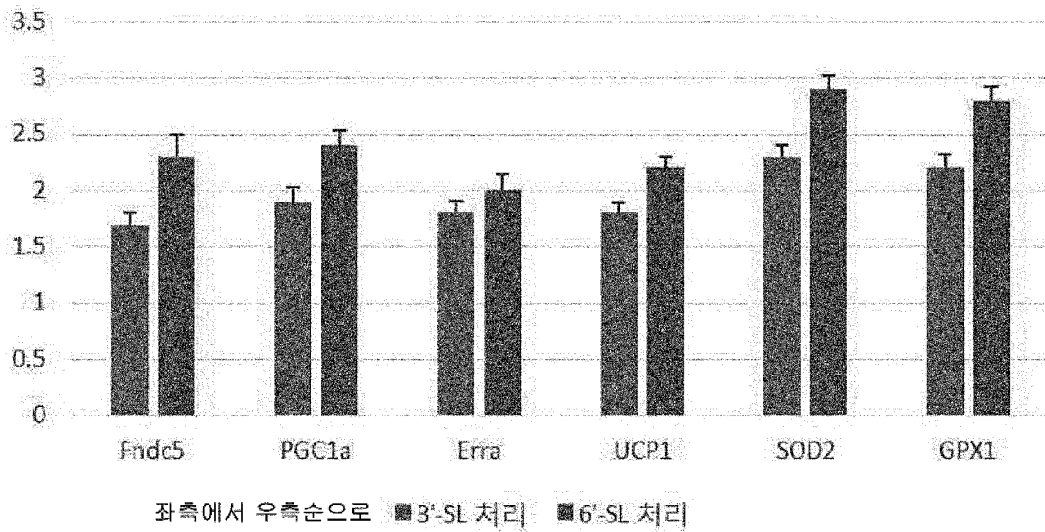
[도13]

ICH 유도 후 MLPT 시험 점수

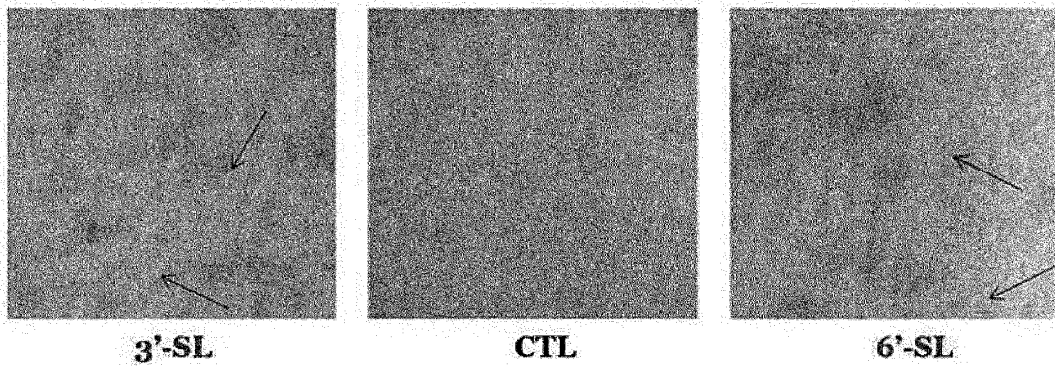
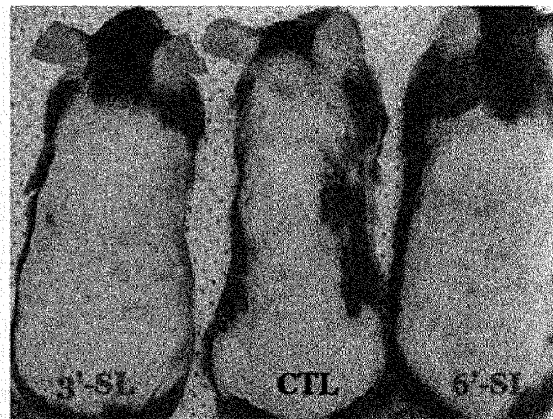


[도14]

SL 투여 전 대비 복부지방 유전자 발현 비

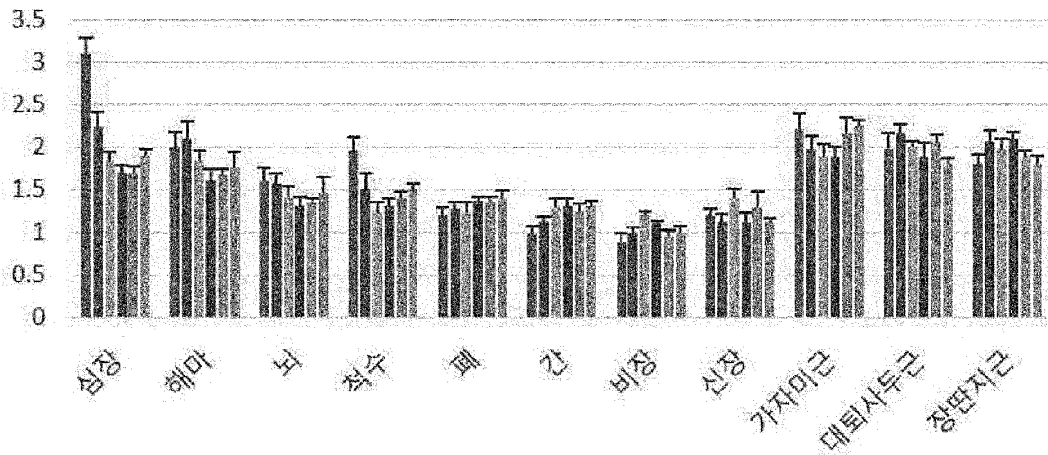


[도15]



[도16a]

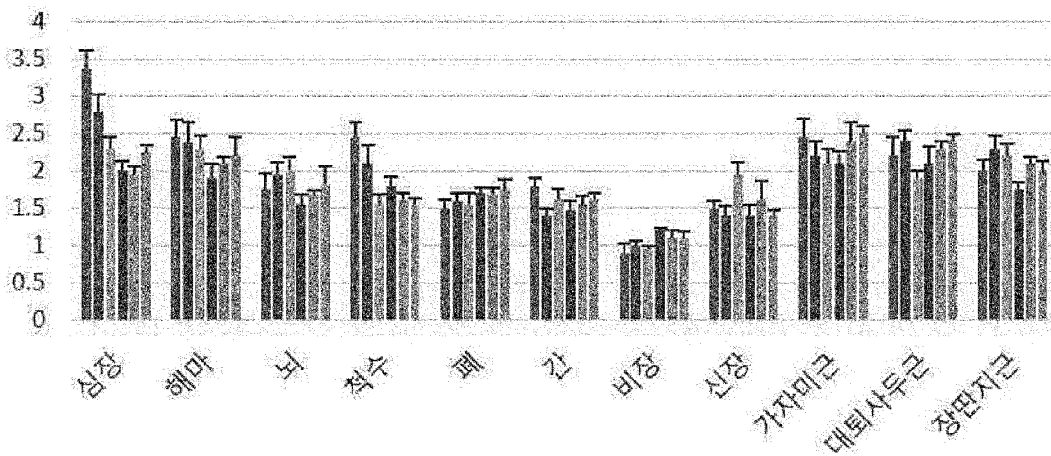
3'-SL 투여 전 대비 신체 부위별 상대적인 유전자 발현



좌측에서 우측순으로 ■ Fndc5 ■ PGC1a ■ Erra ■ UCP1 ■ SOD2 ■ GPX1

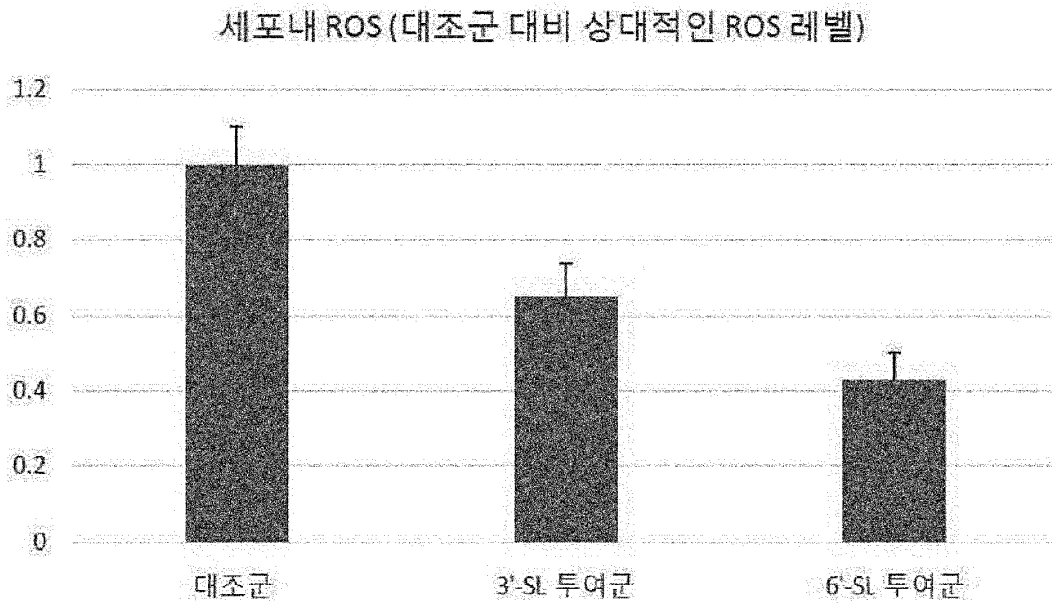
[도16b]

6'-SL 투여에 의한 신체 부위별 상대적인 유전자 발현

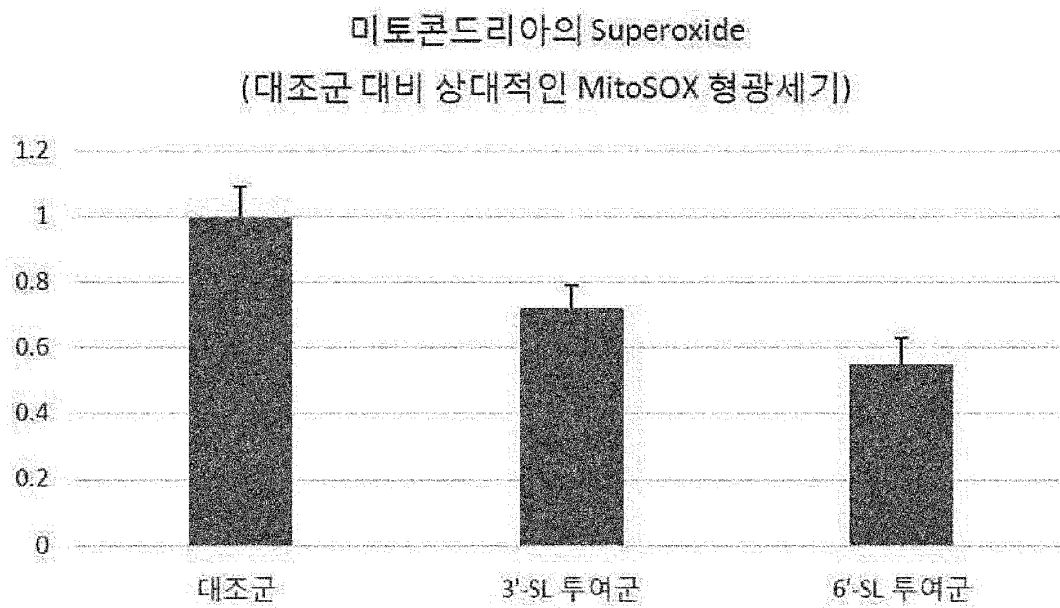


좌측에서 우측순으로 ■ Fndc5 ■ PGC1a ■ Erra ■ UCP1 ■ SOD2 ■ GPX1

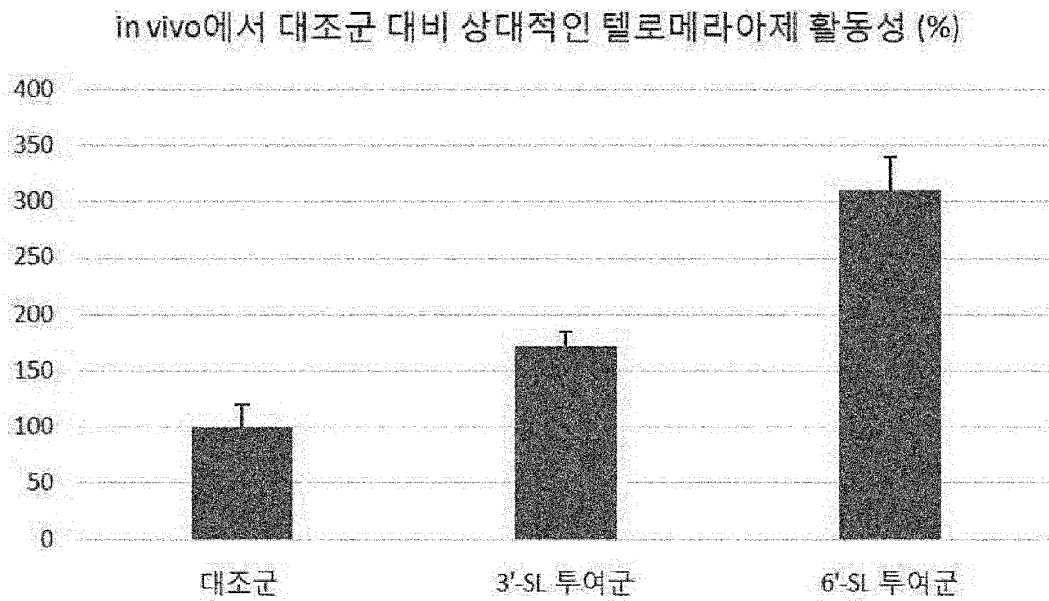
[도17a]



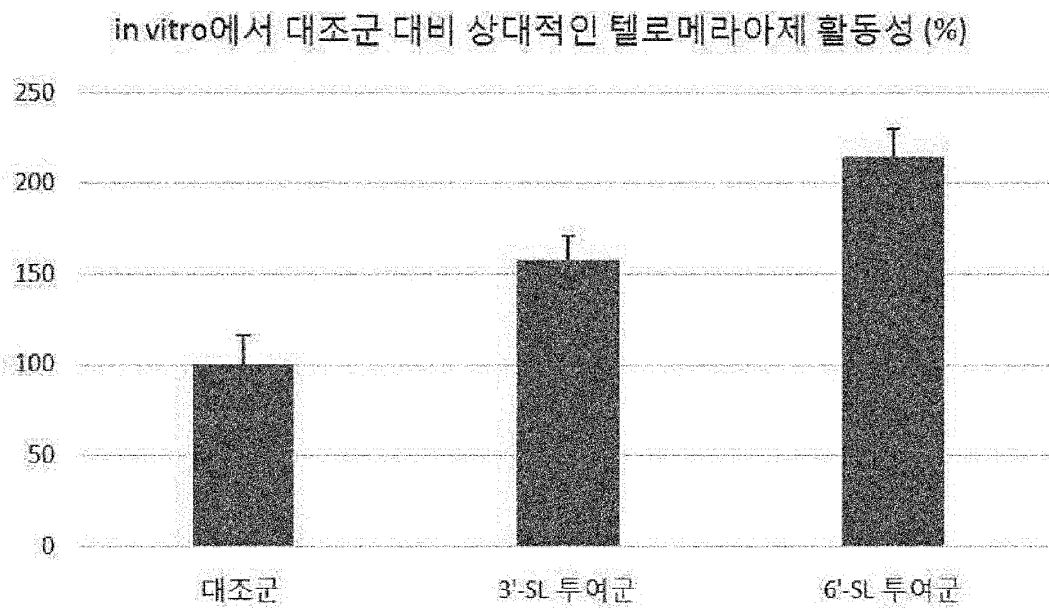
[도17b]



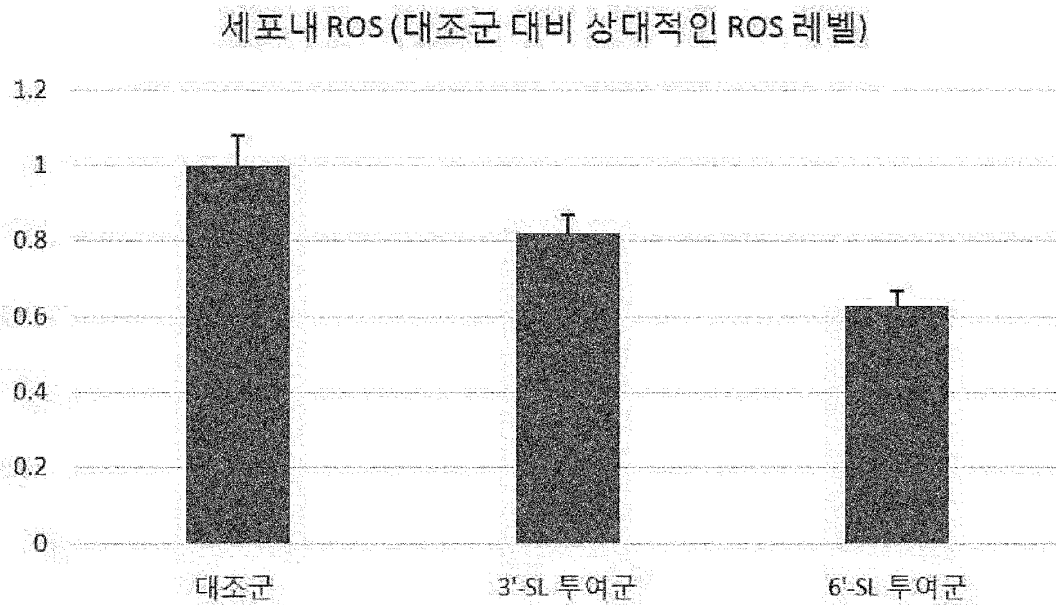
[도18a]



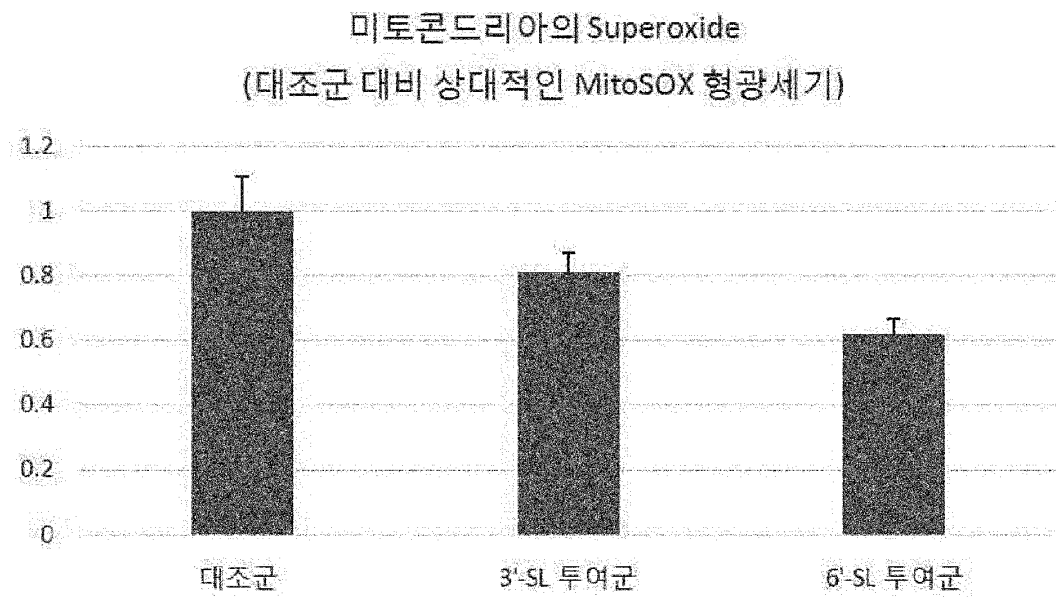
[도18b]



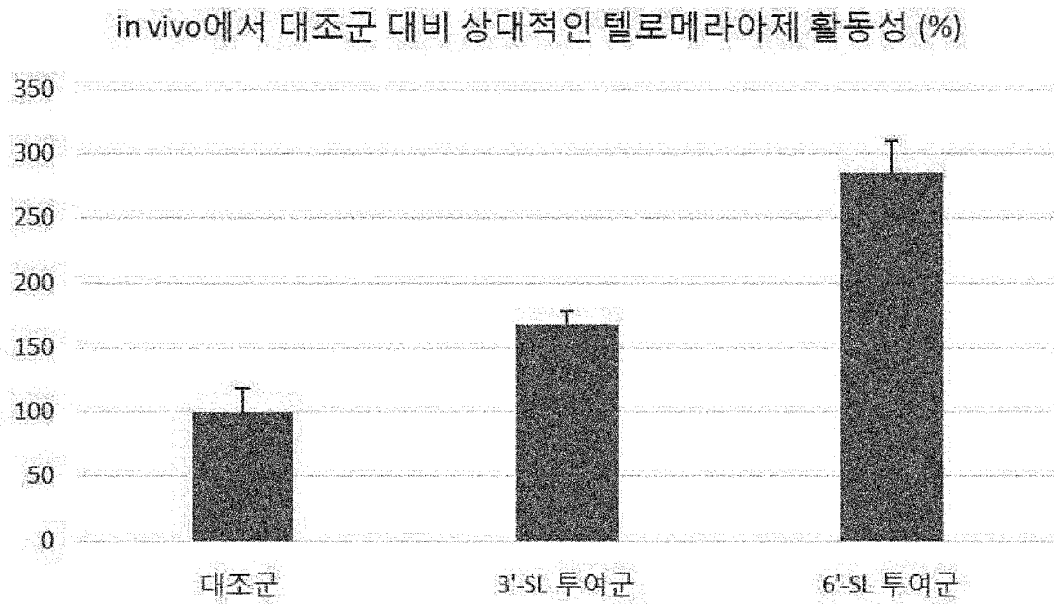
[도19a]



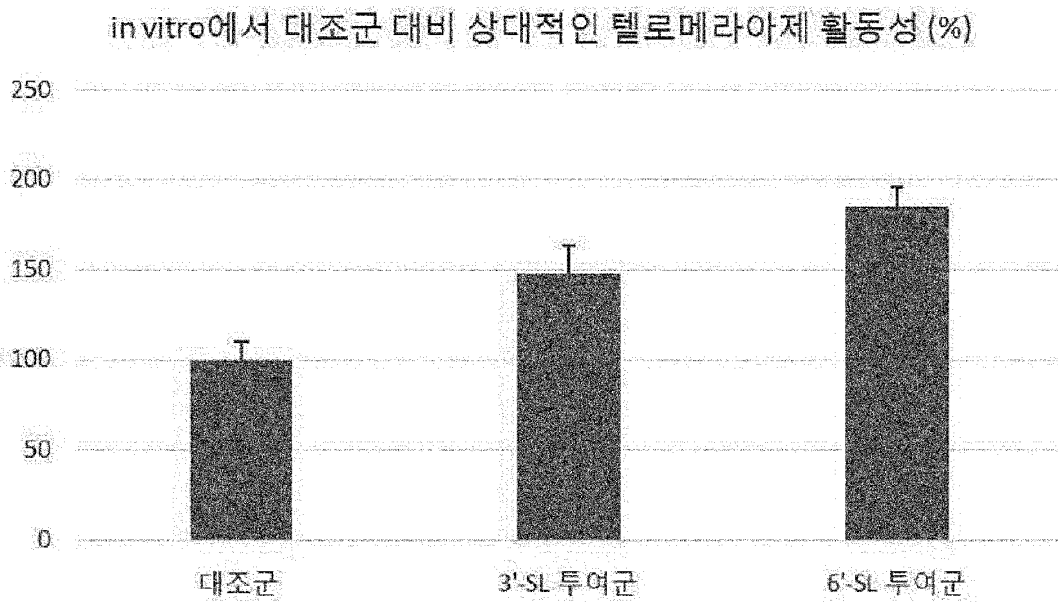
[도19b]



[도20a]

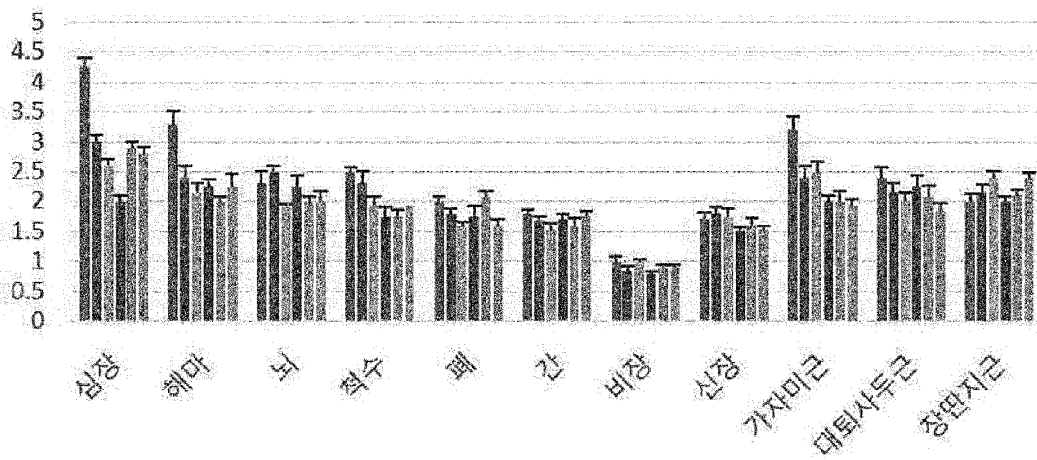


[도20b]



[도21a]

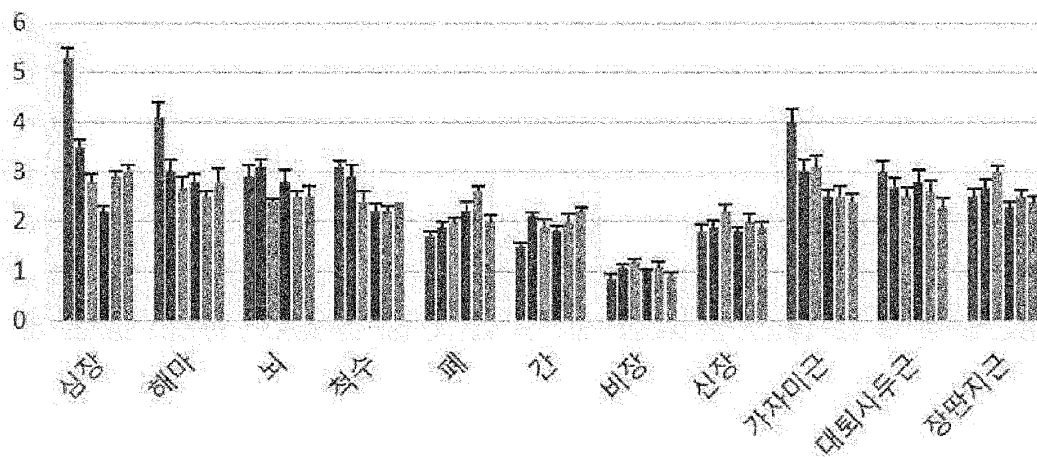
3'-SL 투여 전 대비 신체 부위별 상대적인 유전자 발현



좌측에서 우측순으로 Fndc5 PGC1a Erra UCP1 SOD2 GPX1

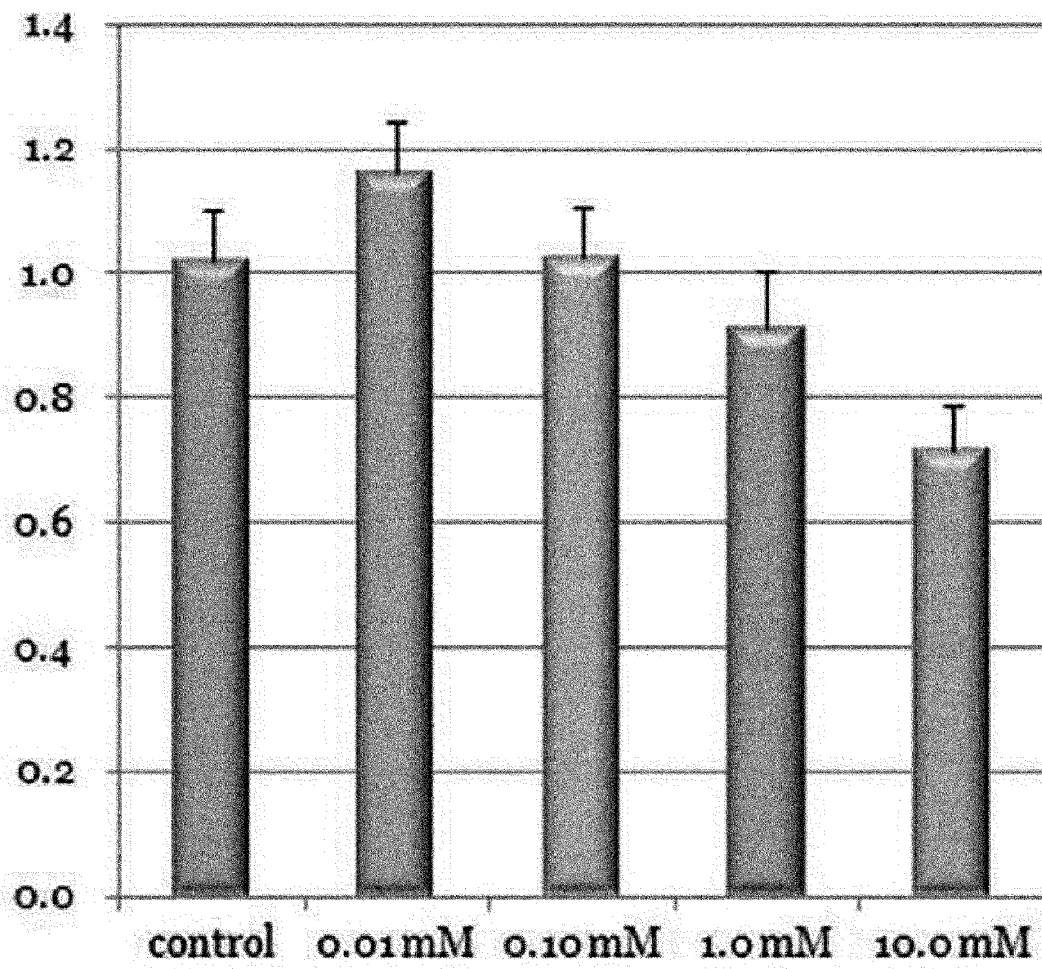
[도21b]

6'-SL 투여 전 대비 신체 부위별 상대적인 유전자 발현

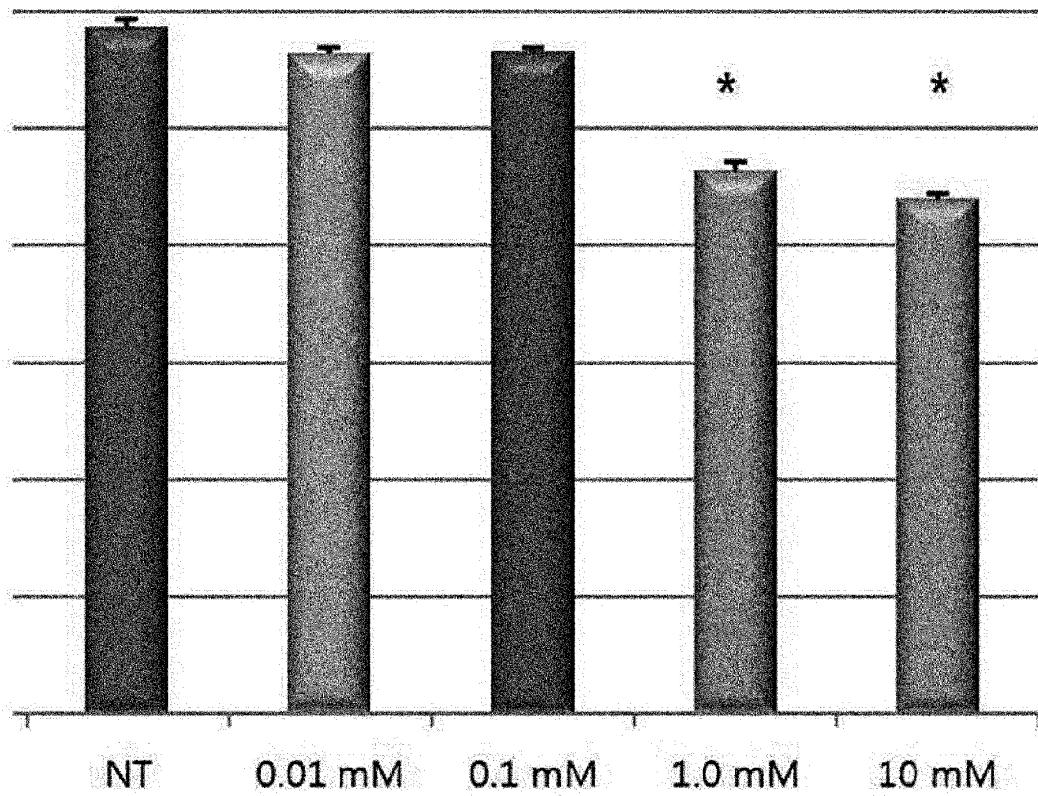


좌측에서 우측순으로 Fndc5 PGC1a Erra UCP1 SOD2 GPX1

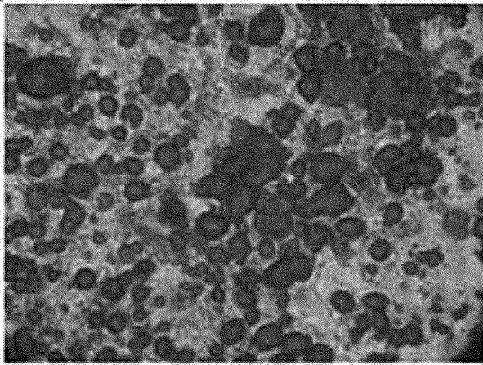
[도22a]



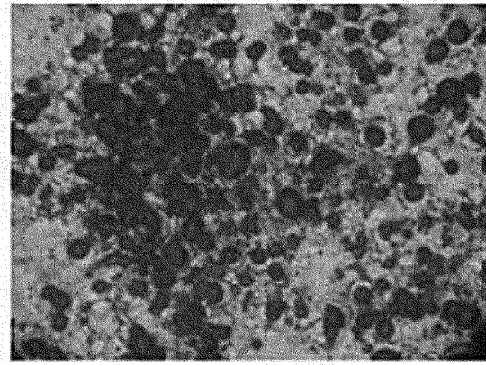
[도 22b]



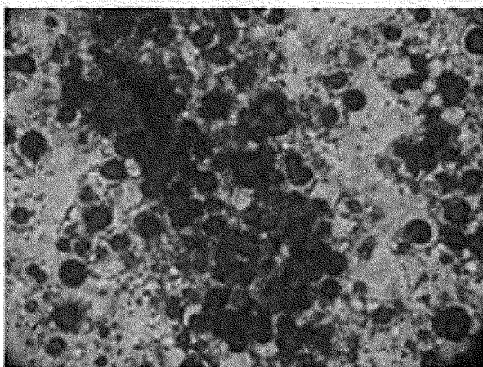
[도23a]



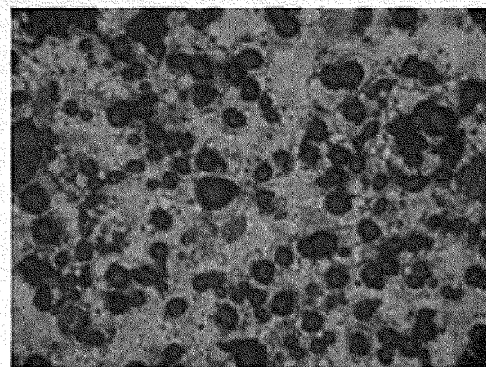
NT



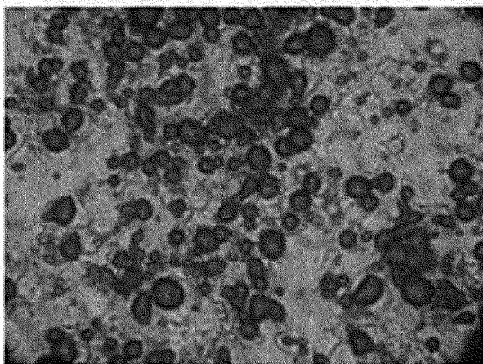
0.01 mM



0.10 mM

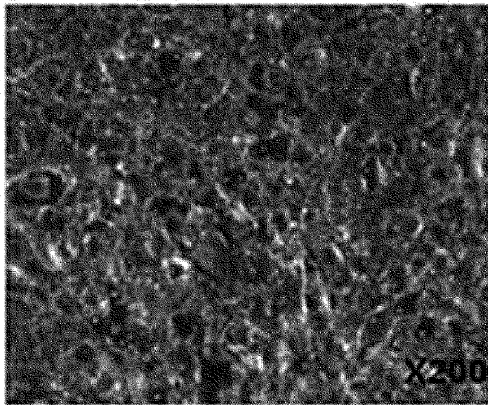


1.0 mM

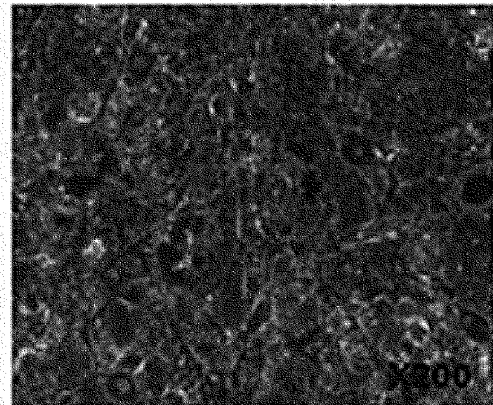


10.0 mM

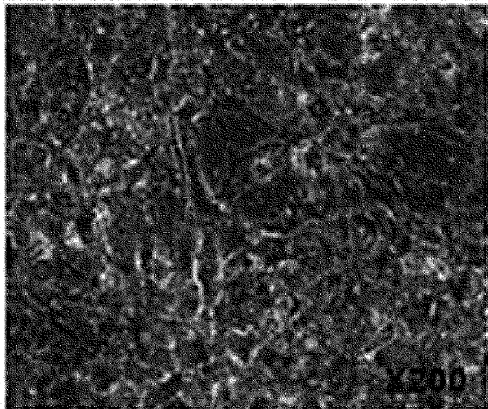
[도23b]



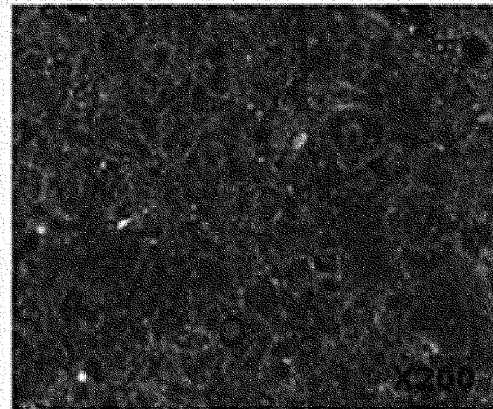
NT



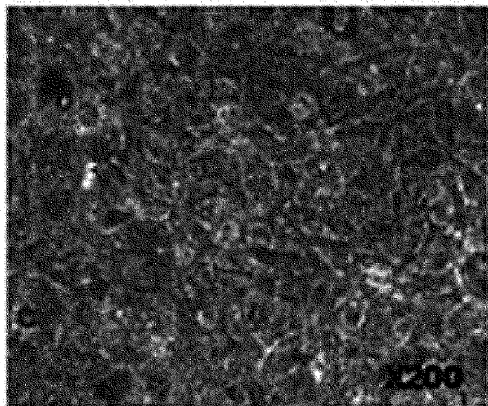
0.01mM



0.1mM

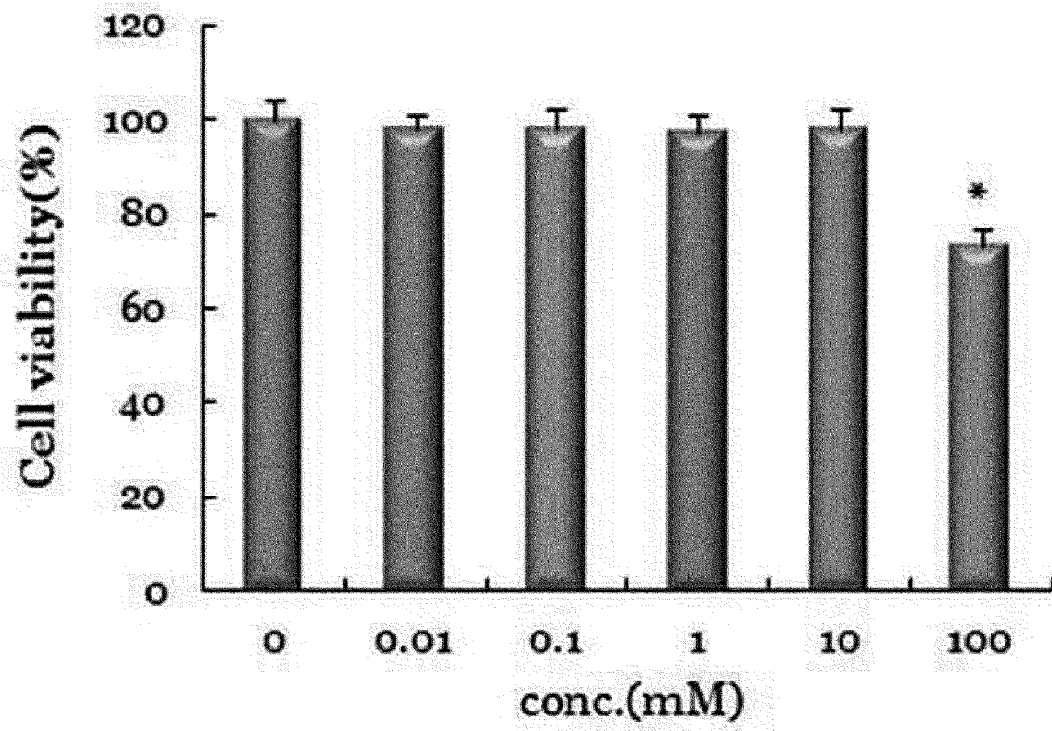


1mM

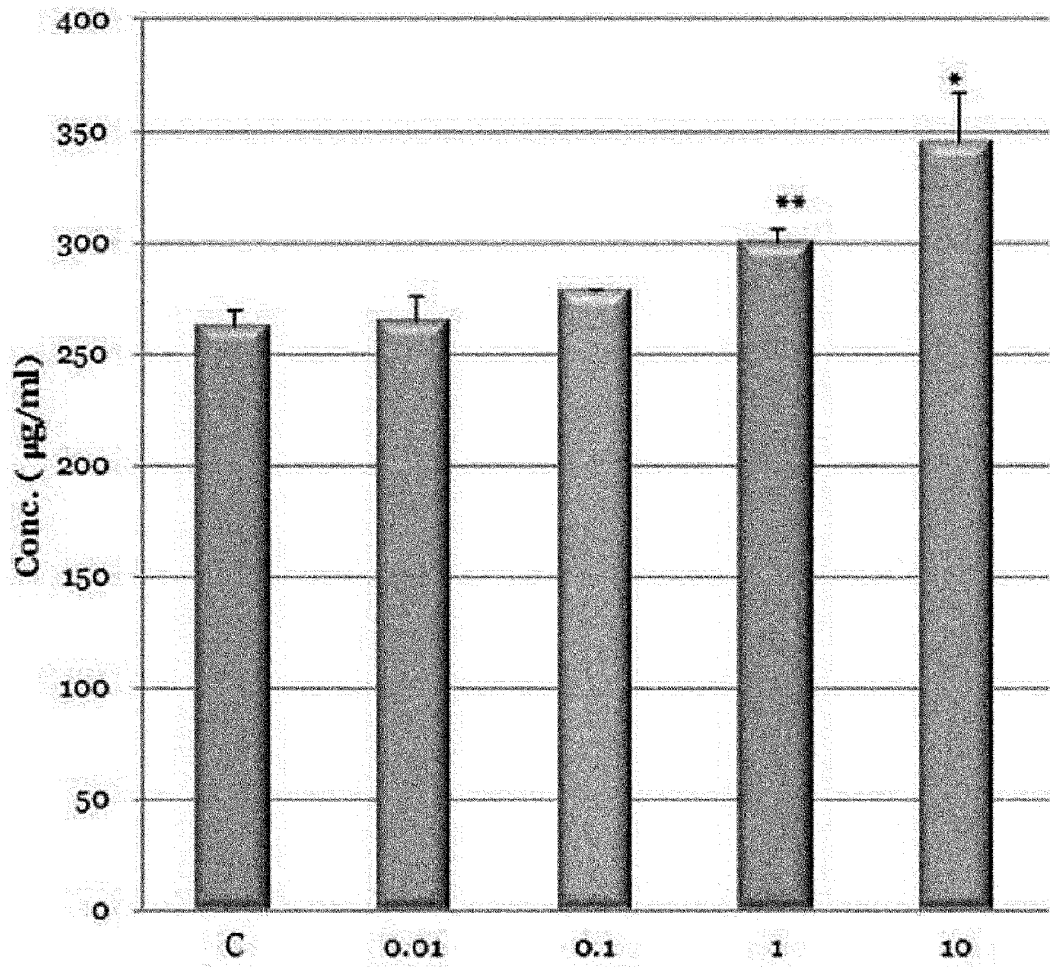


10mM

[도24]



[도 25]



[도26a]

CTL**3'-SL****6'-SL**

[도26b]

