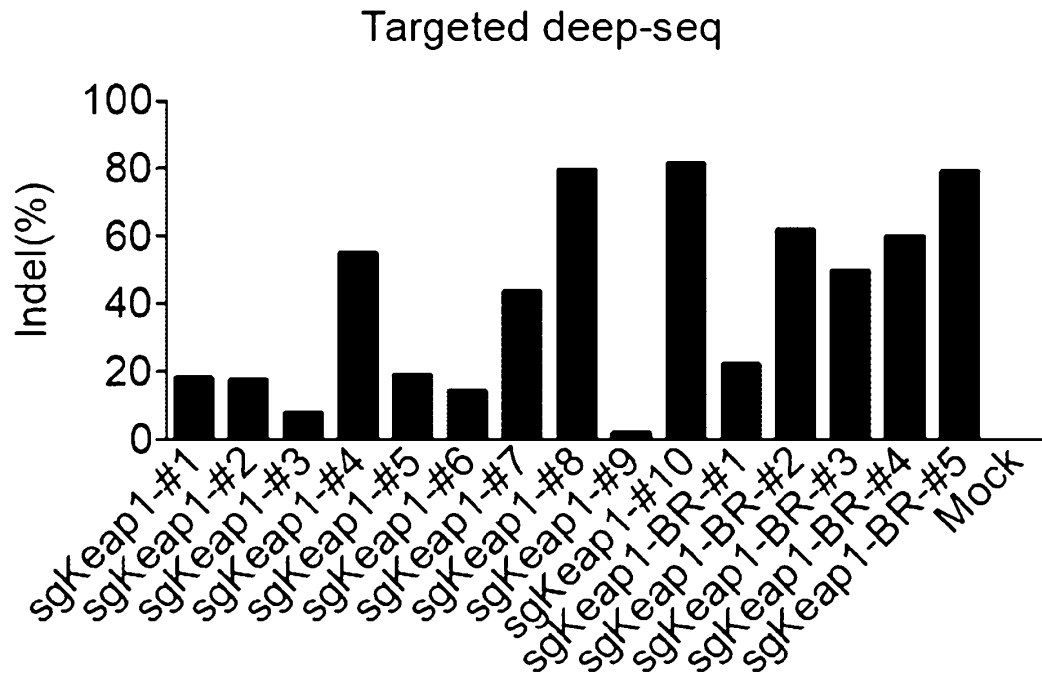
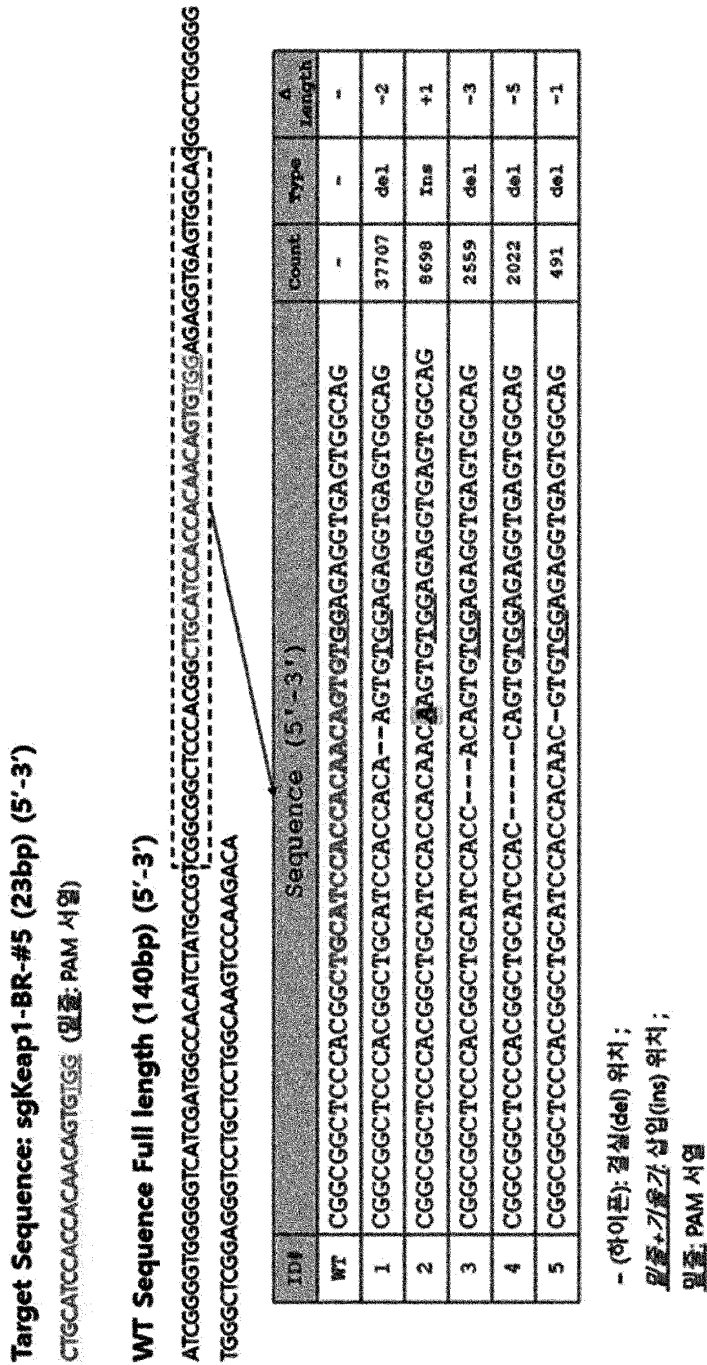


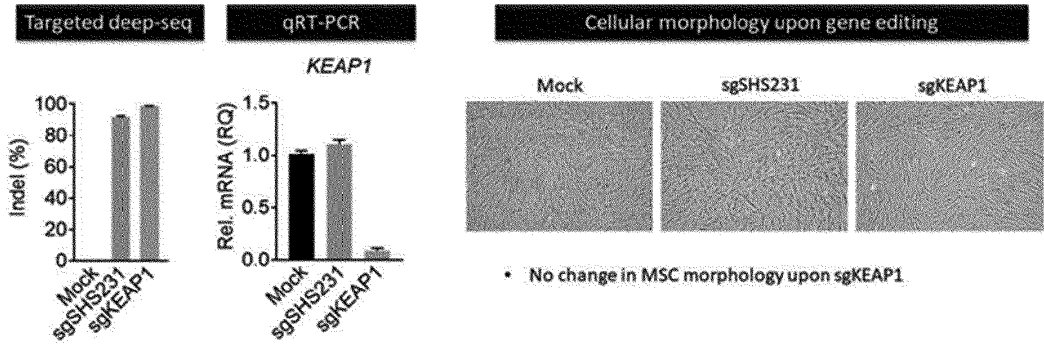
[圖1]



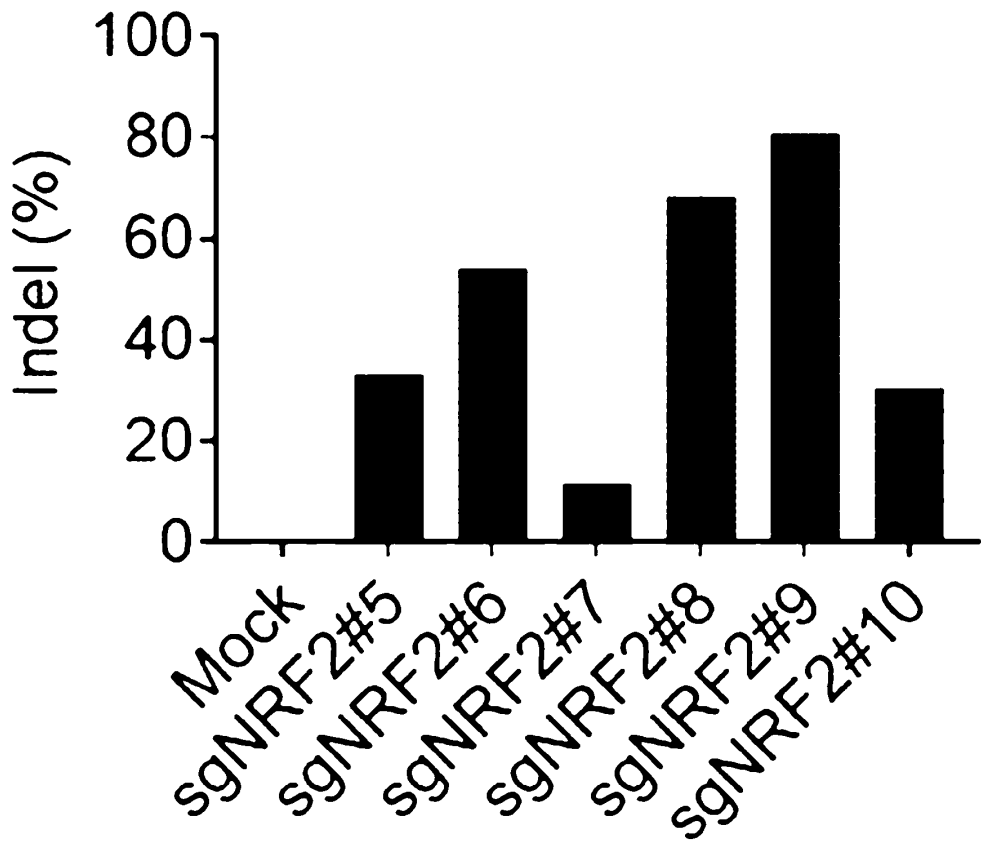
[도2]



[도3]

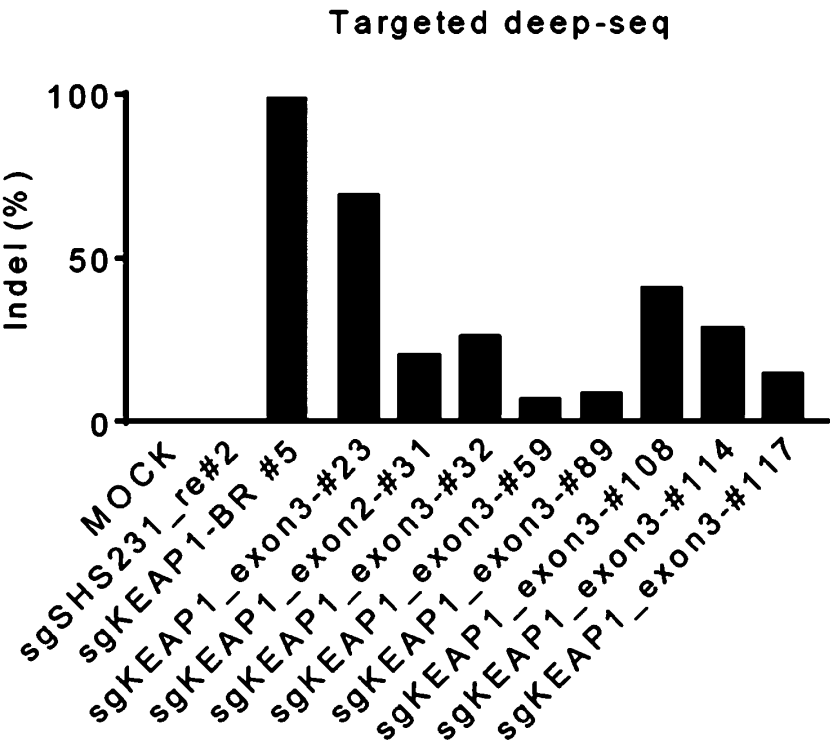


[도4]



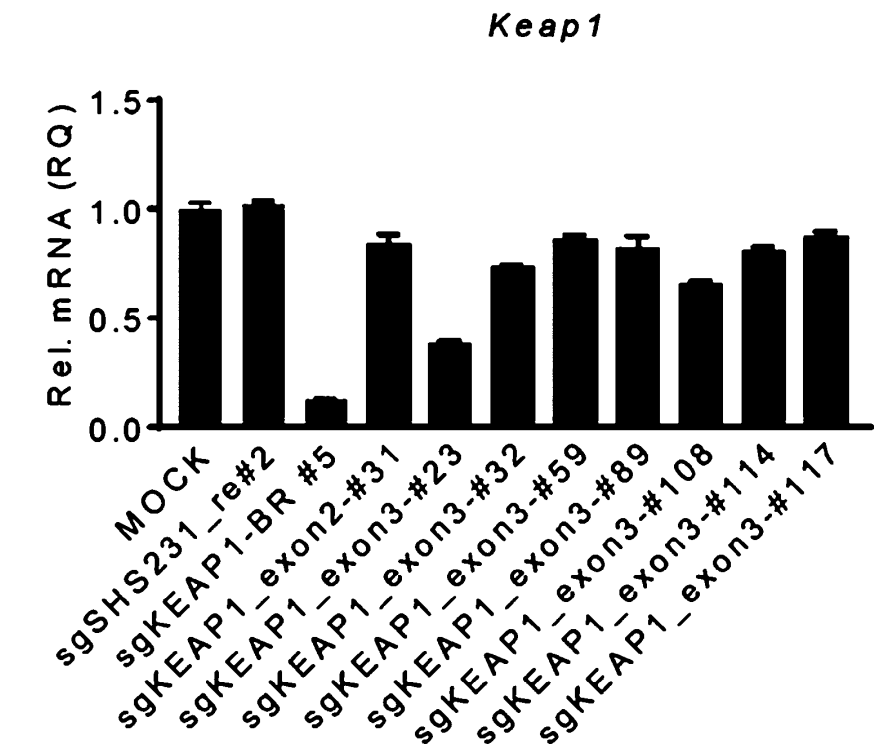
[55]

Indel (p6)

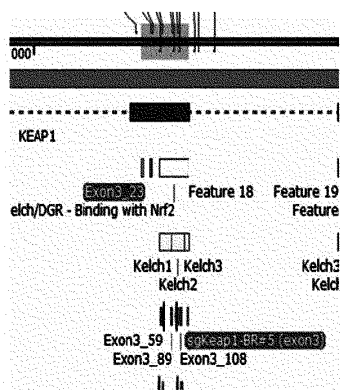


[圖6]

qRT-PCR



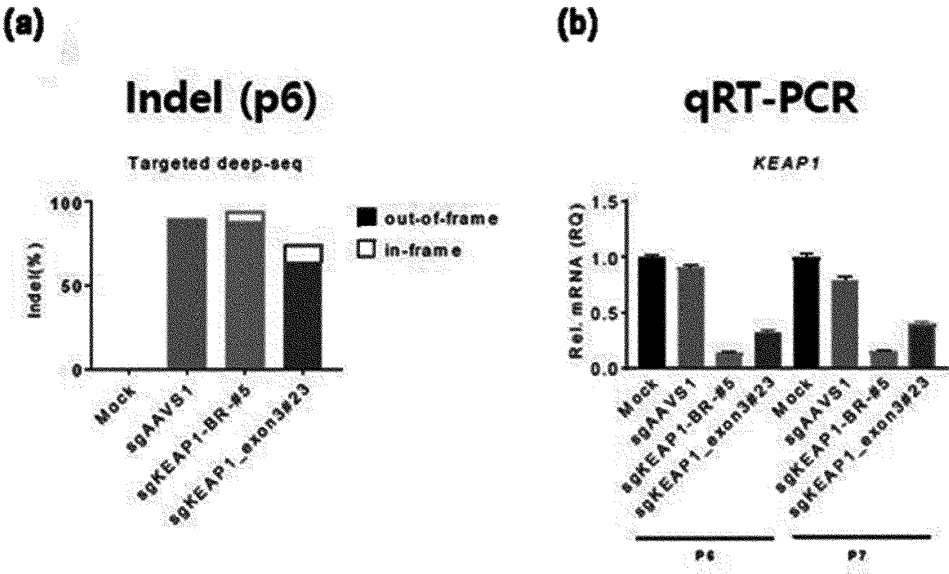
[圖7]



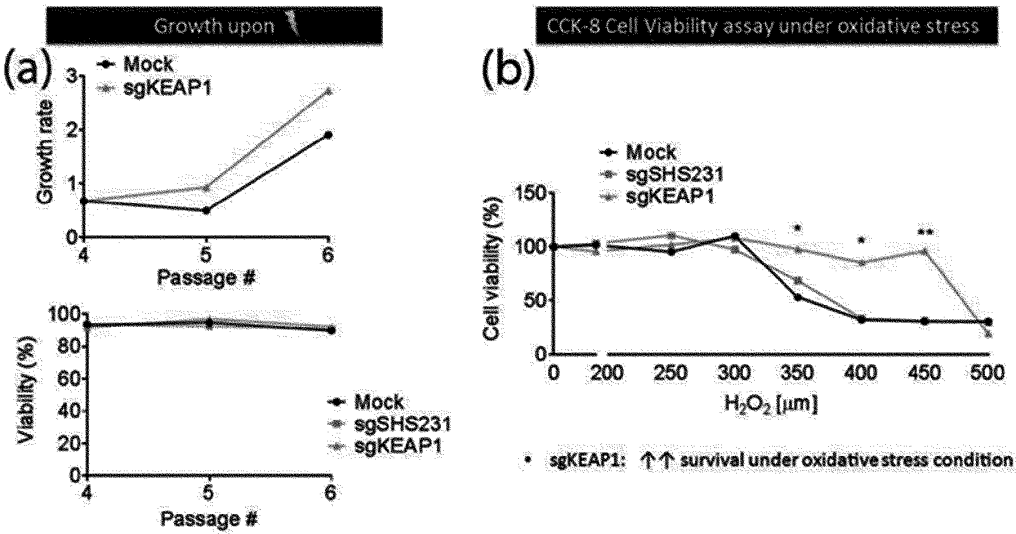
Target sequence (without PAM)

sgKeap1-BR-#5	ctgcatccaccacaacagtg
sgKeap1_exon3#23	ACAGCGACGGTTCTACGTCC

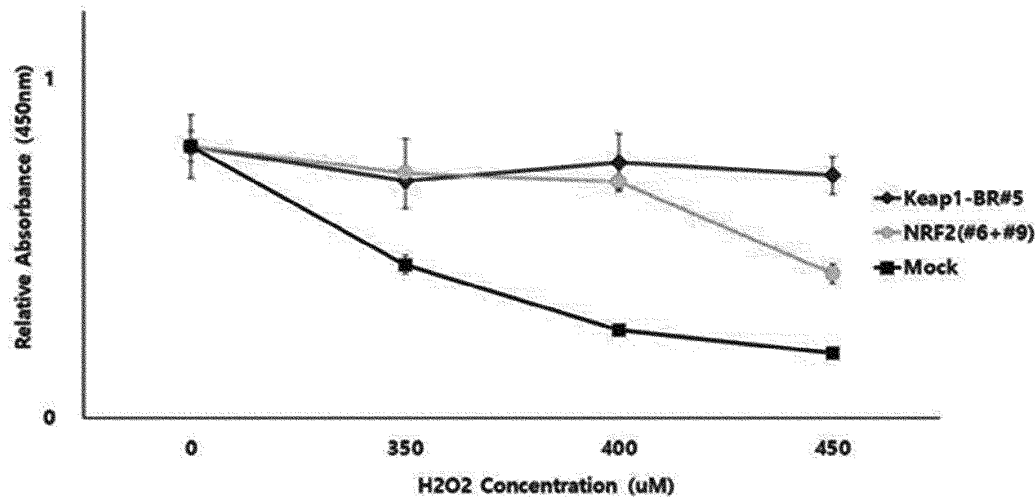
[도8]



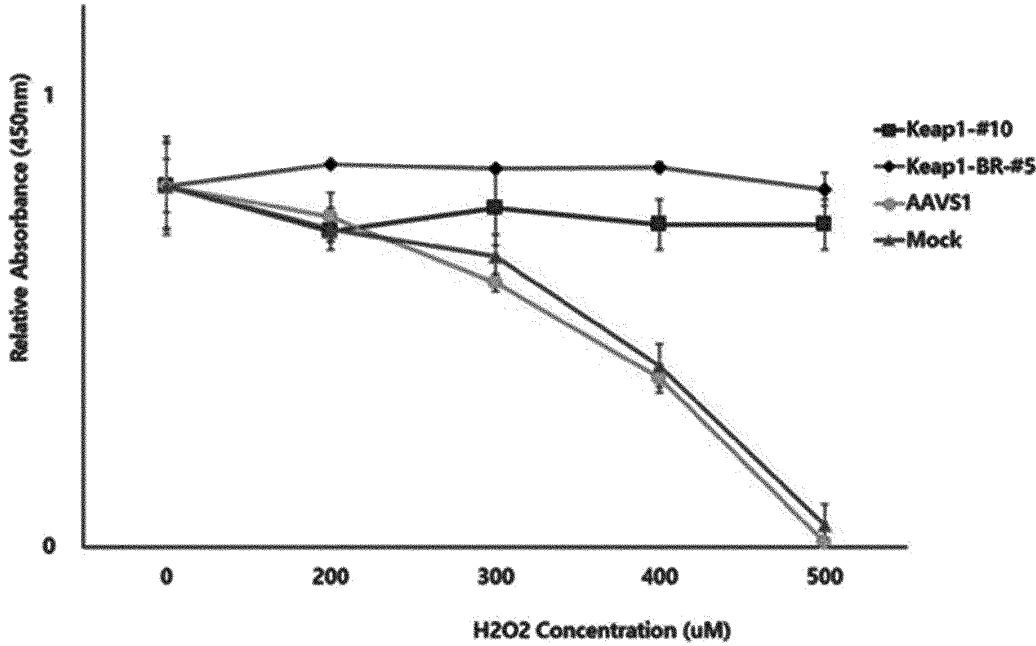
[도9]



[도10]

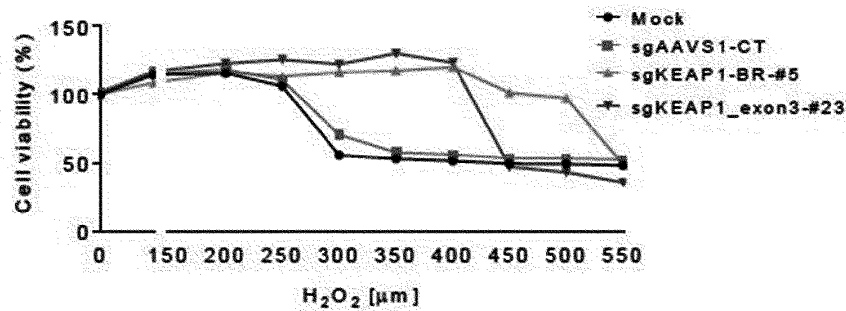


[도11]



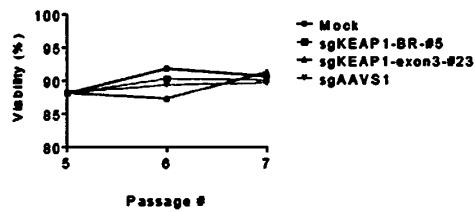
[도12]

P7, CCK8 assay

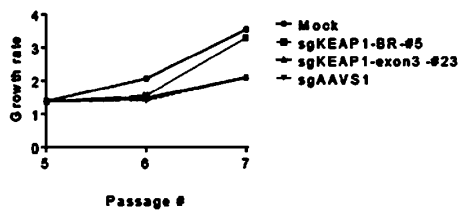


[도13]

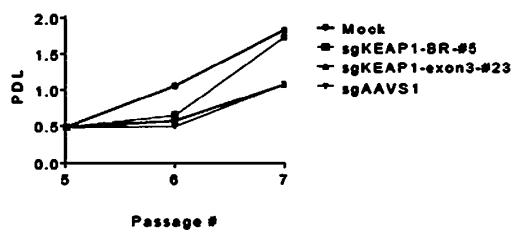
(a)



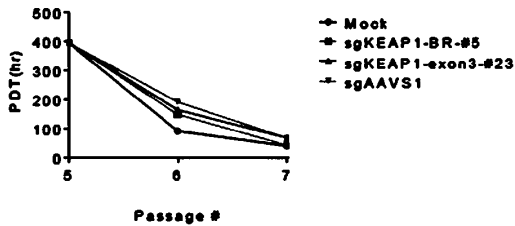
(b)



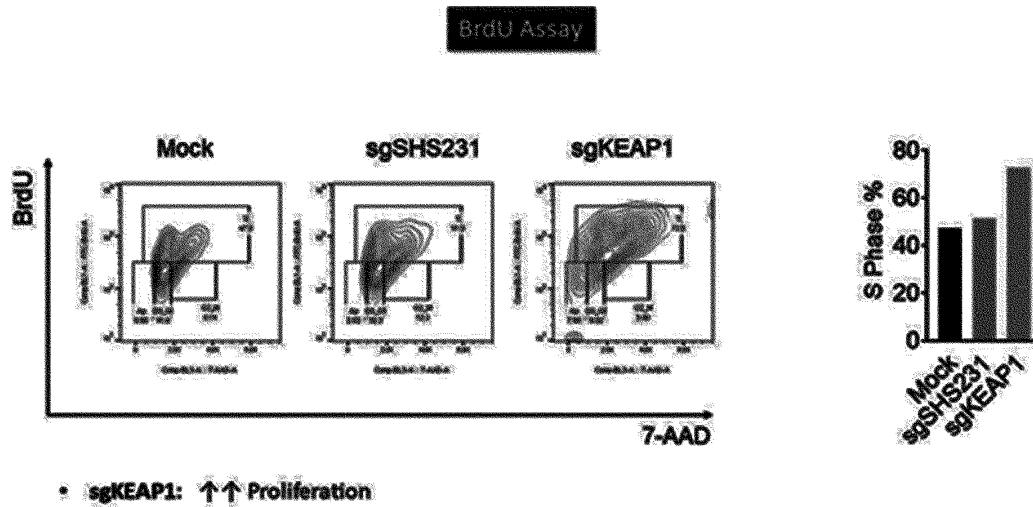
(c)



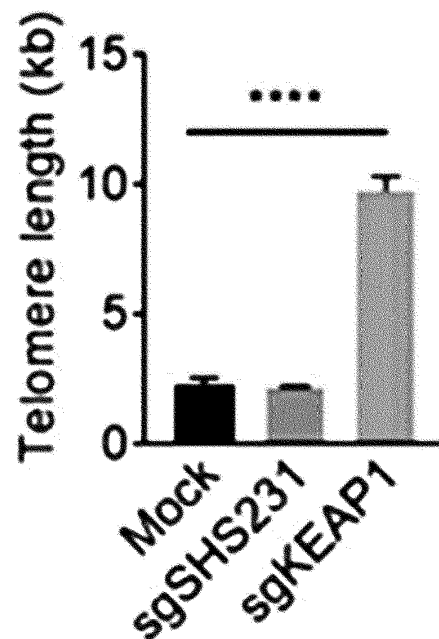
(d)



[도14]

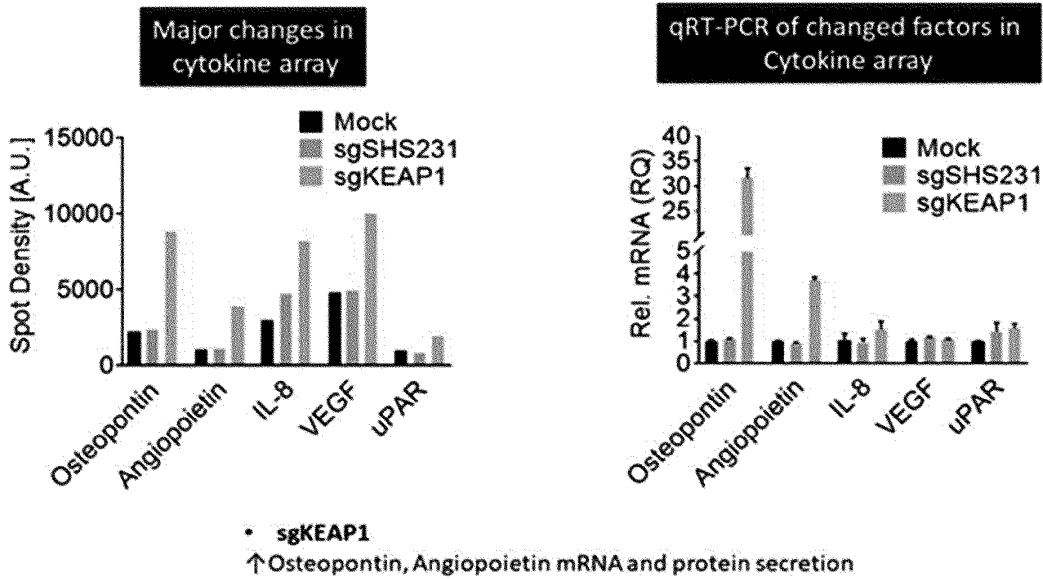


[도15]

Telomere length qPCR

- **sgKEAP1 showed elongation of telomere length**

[516]



[517]

