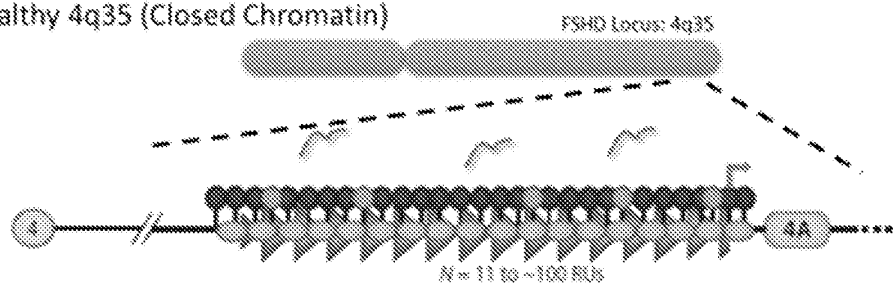


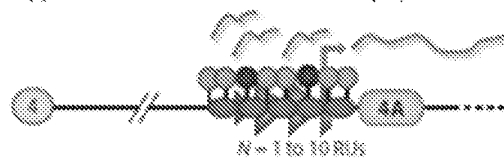
1/20

Chromosome 4:

Healthy 4q35 (Closed Chromatin)



FSHD Type 1 Genetic Contraction (Open Chromatin)



FSHD Type 2 Epigenetic De-repression (Open Chromatin)



● = More relaxed chromatin  
● = Less relaxed chromatin

● = Hypomethylated CpGs  
● = Hypermethylated CpGs

FIG. 1

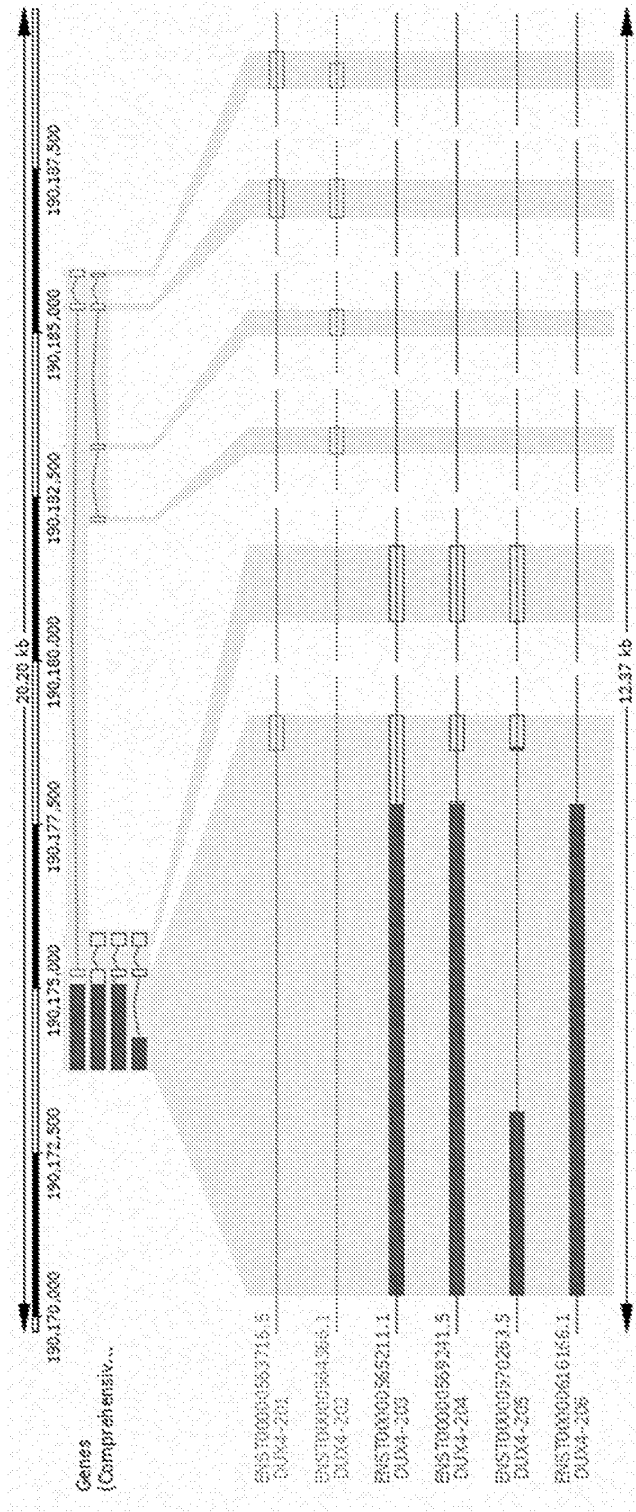


FIG. 2

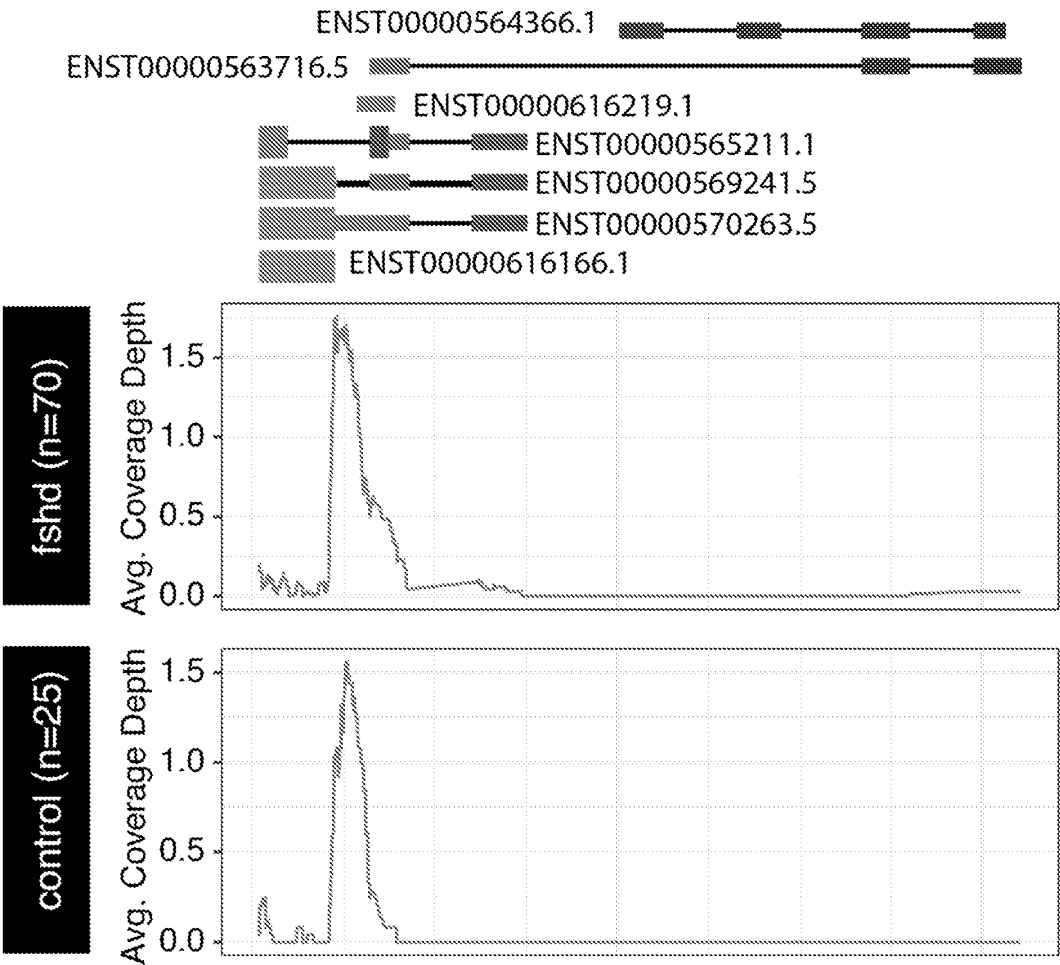


FIG. 3

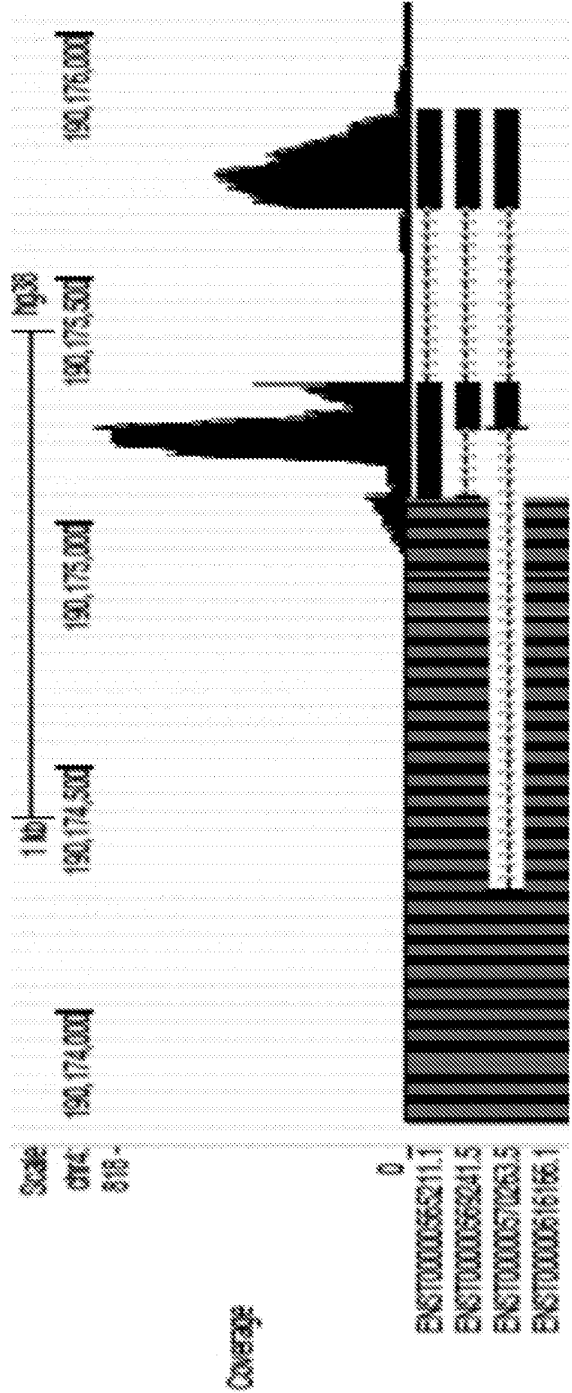


FIG. 4

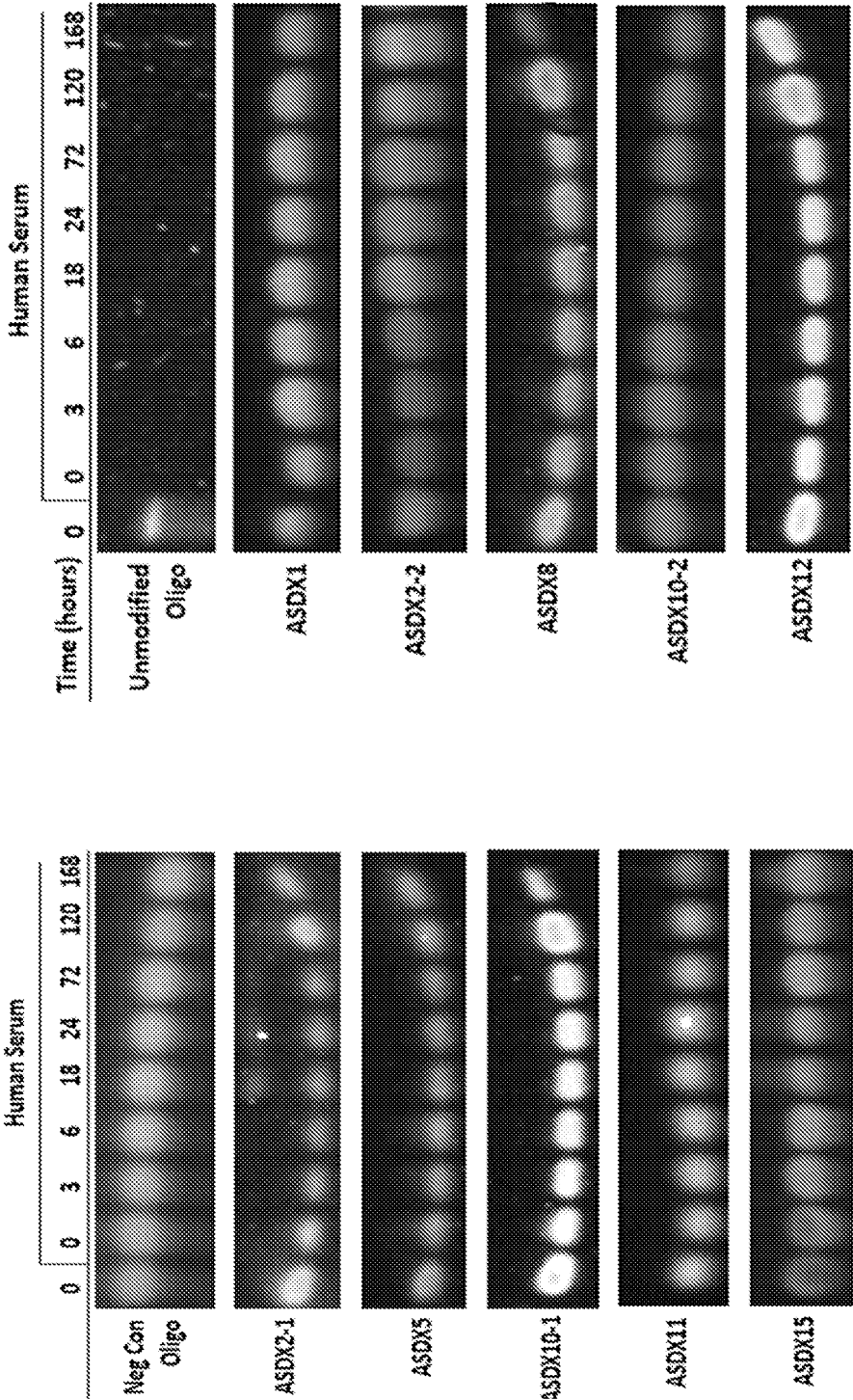


FIG. 5

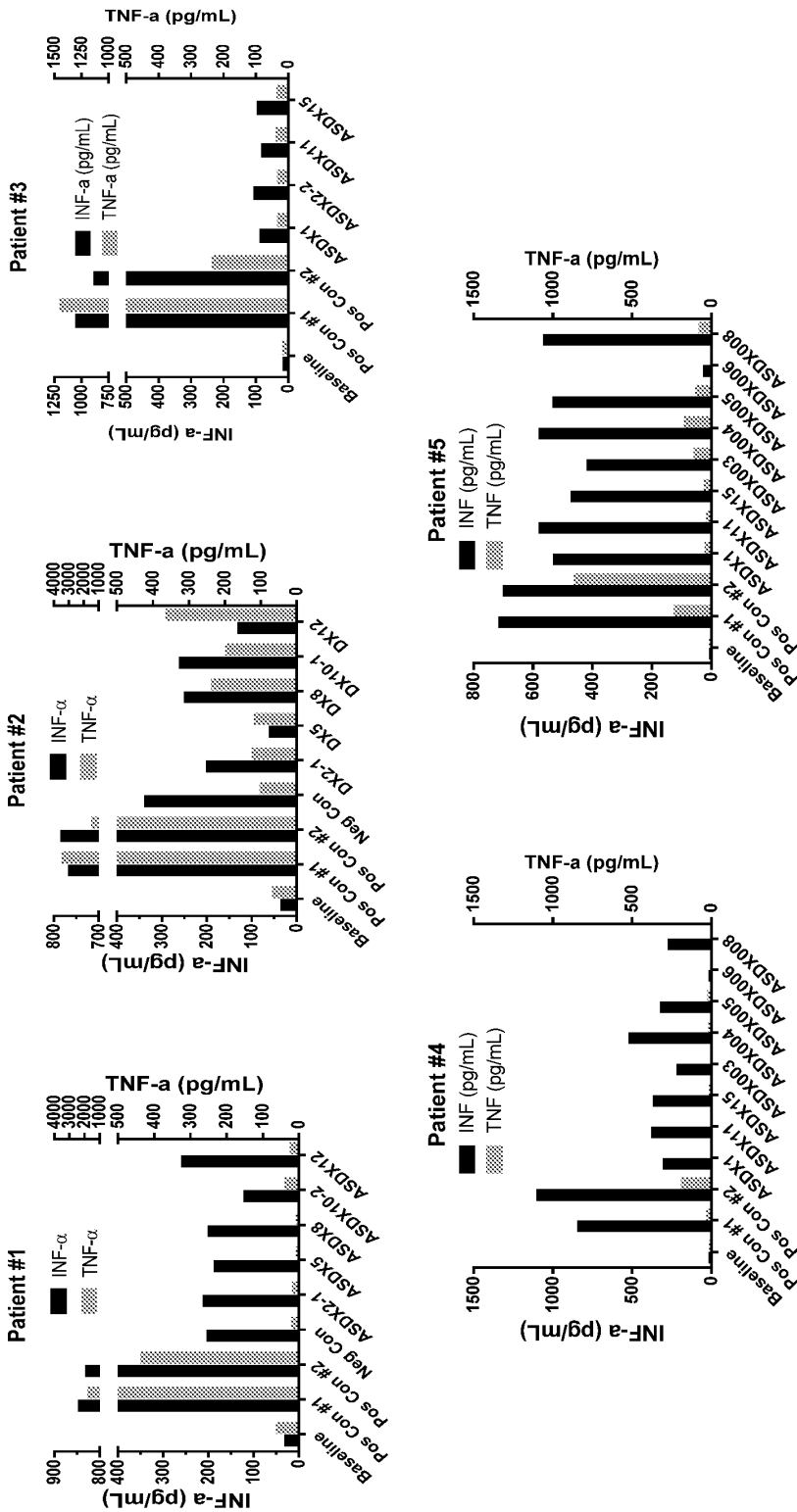


FIG. 6A

7/20

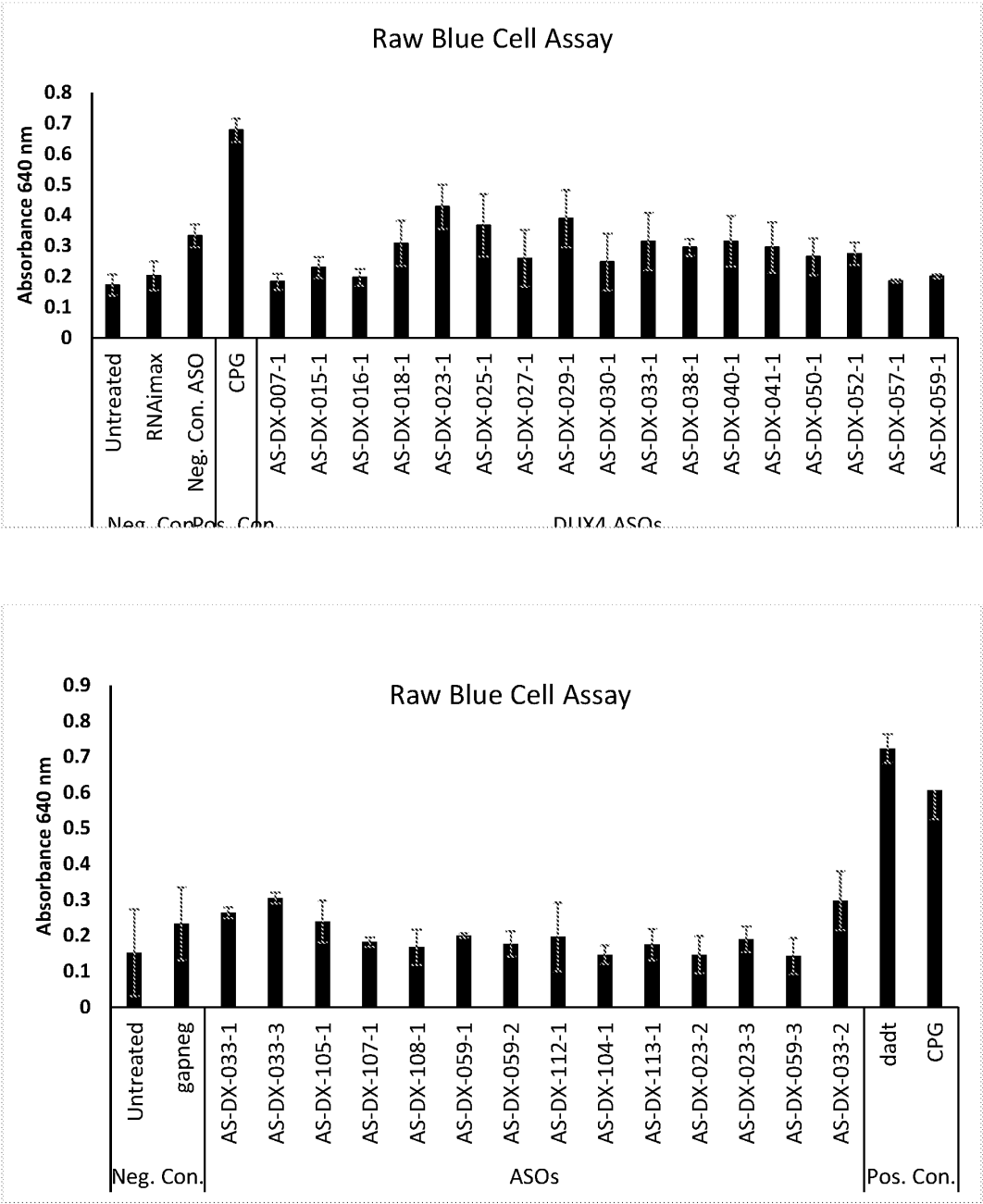


FIG. 6B

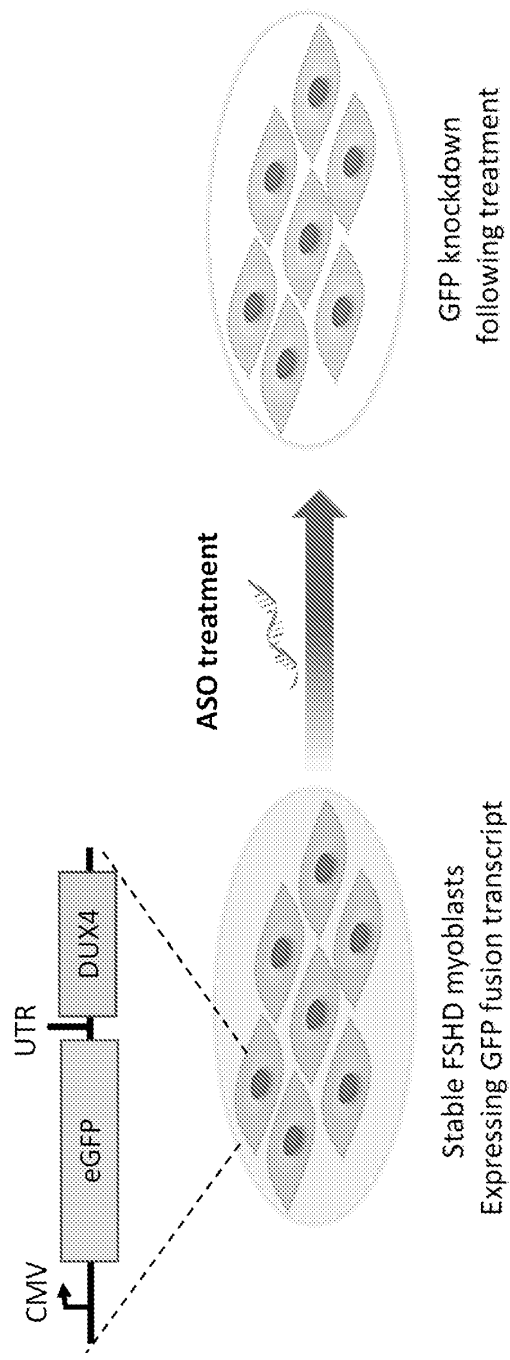


FIG. 7

9/20

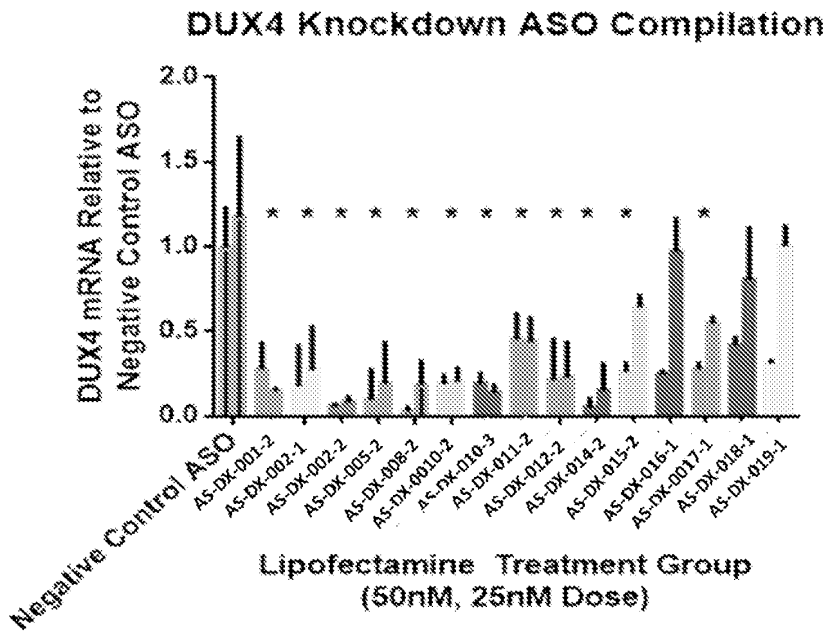


FIG. 8A

10/20

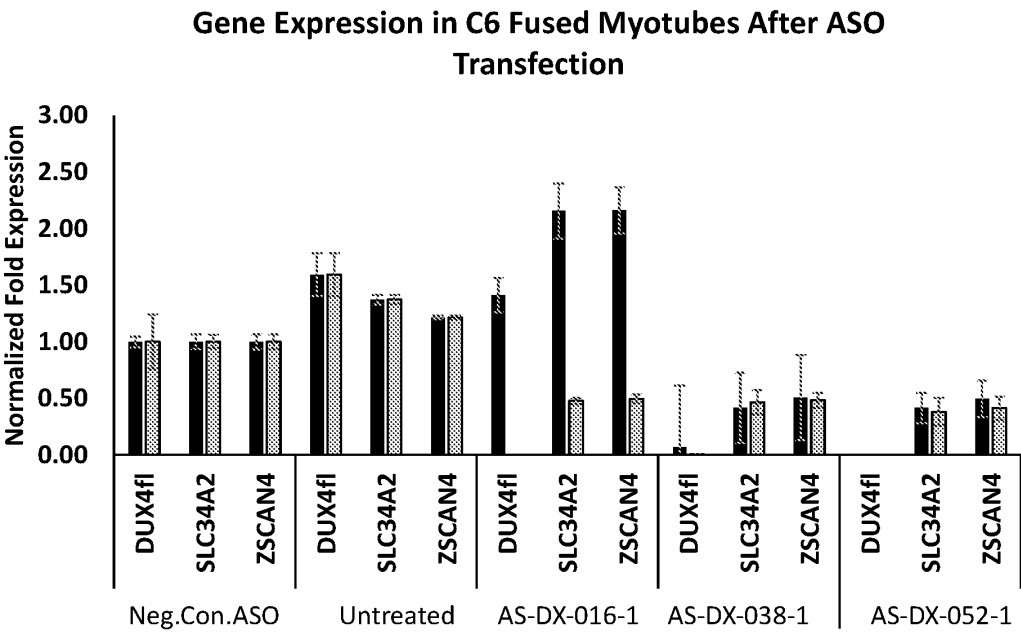
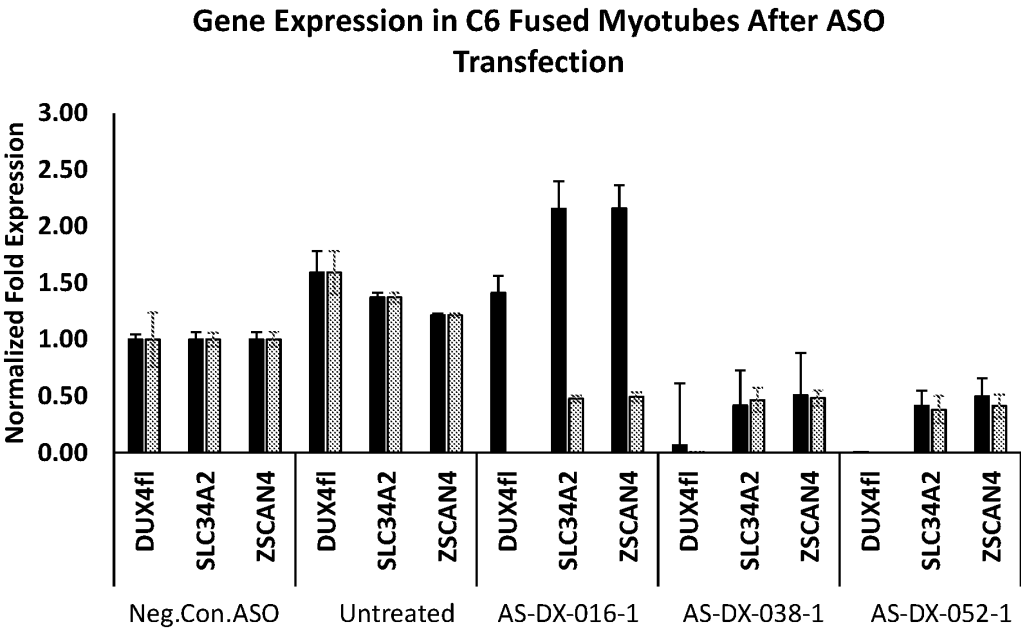


FIG8B

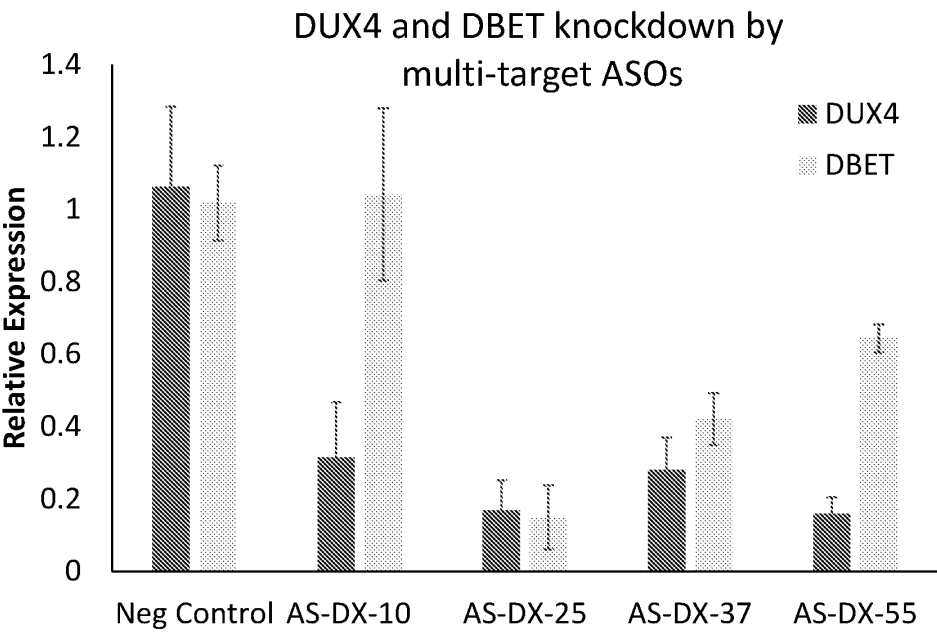


FIG. 9

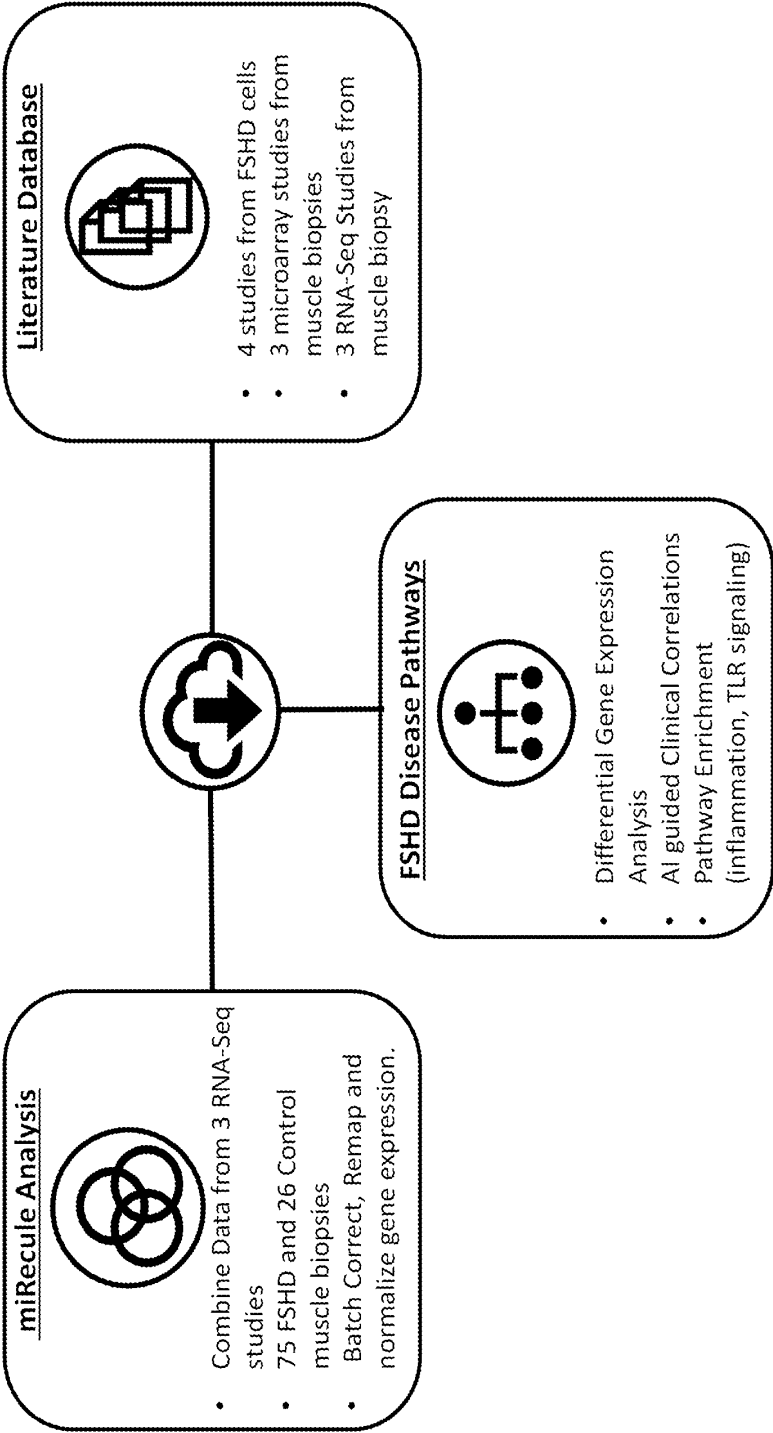


FIG. 10

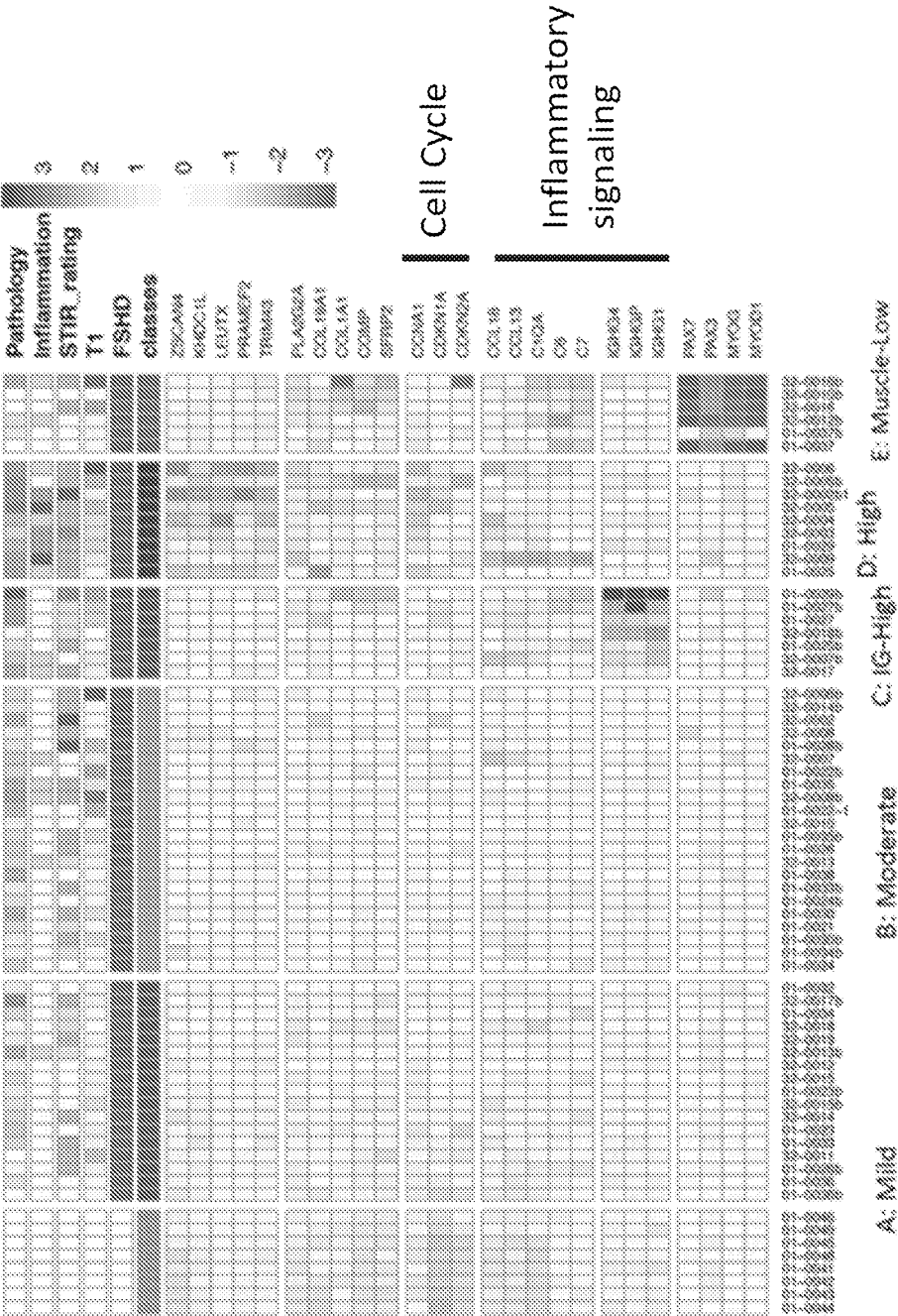


FIG. 11

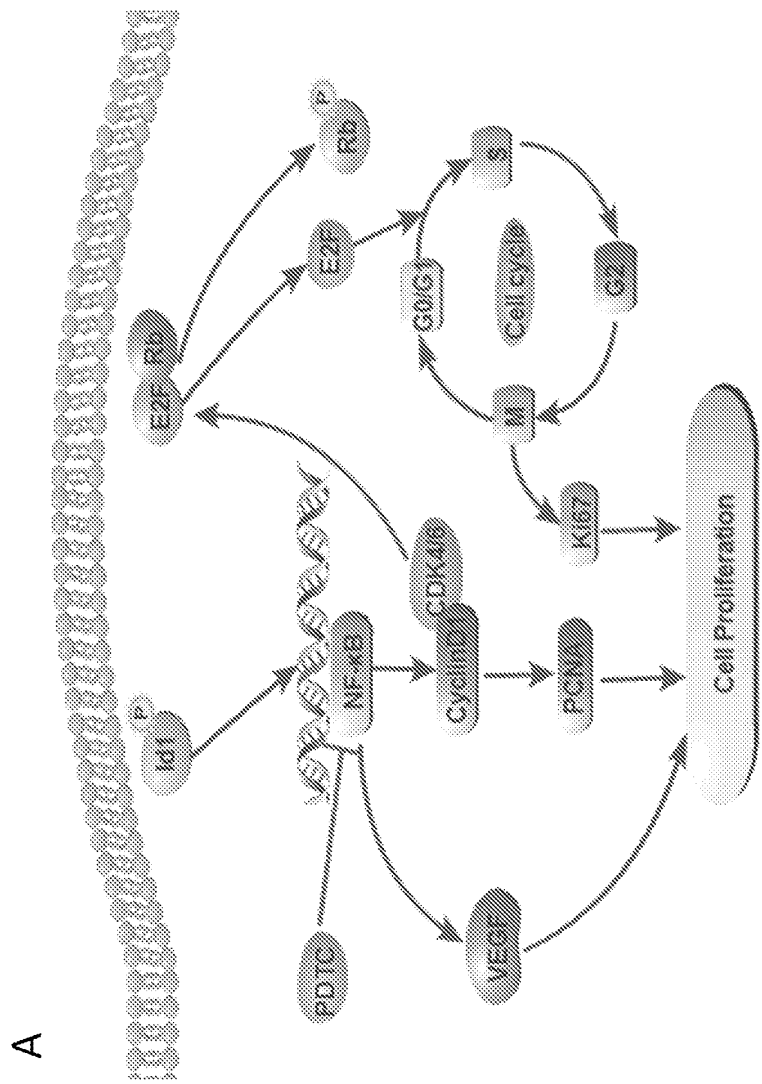


FIG. 12A

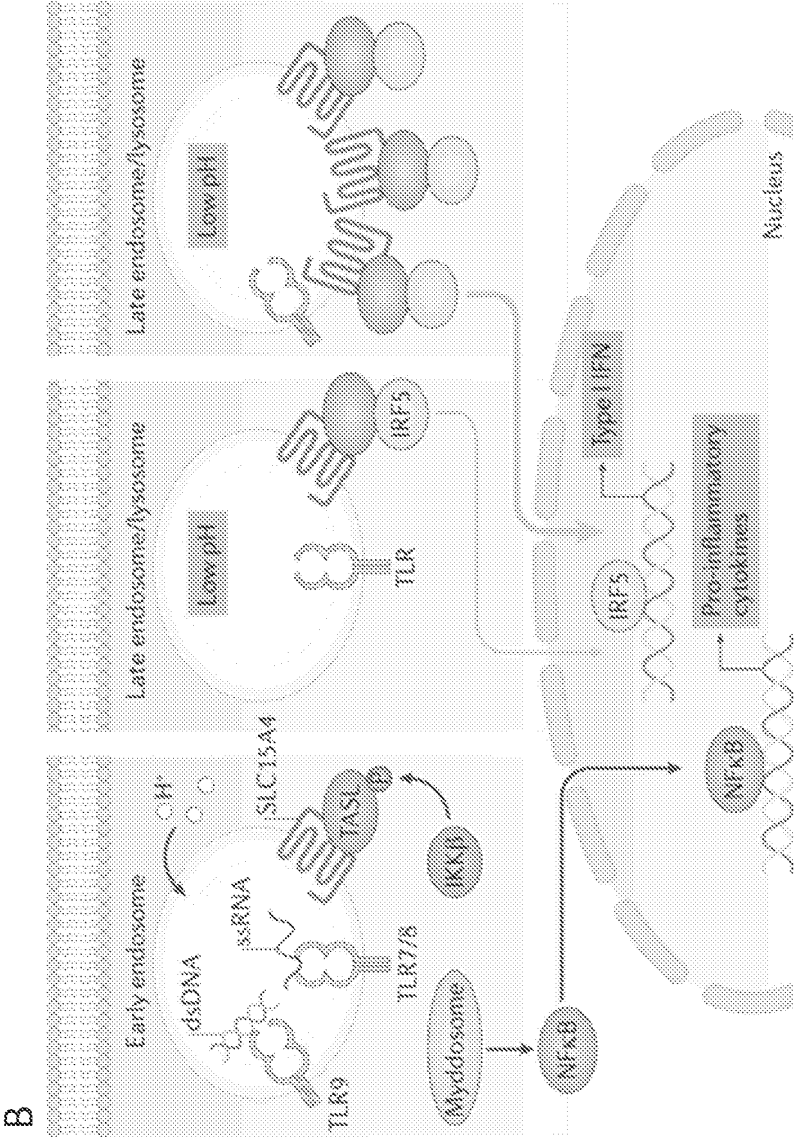


FIG. 12B

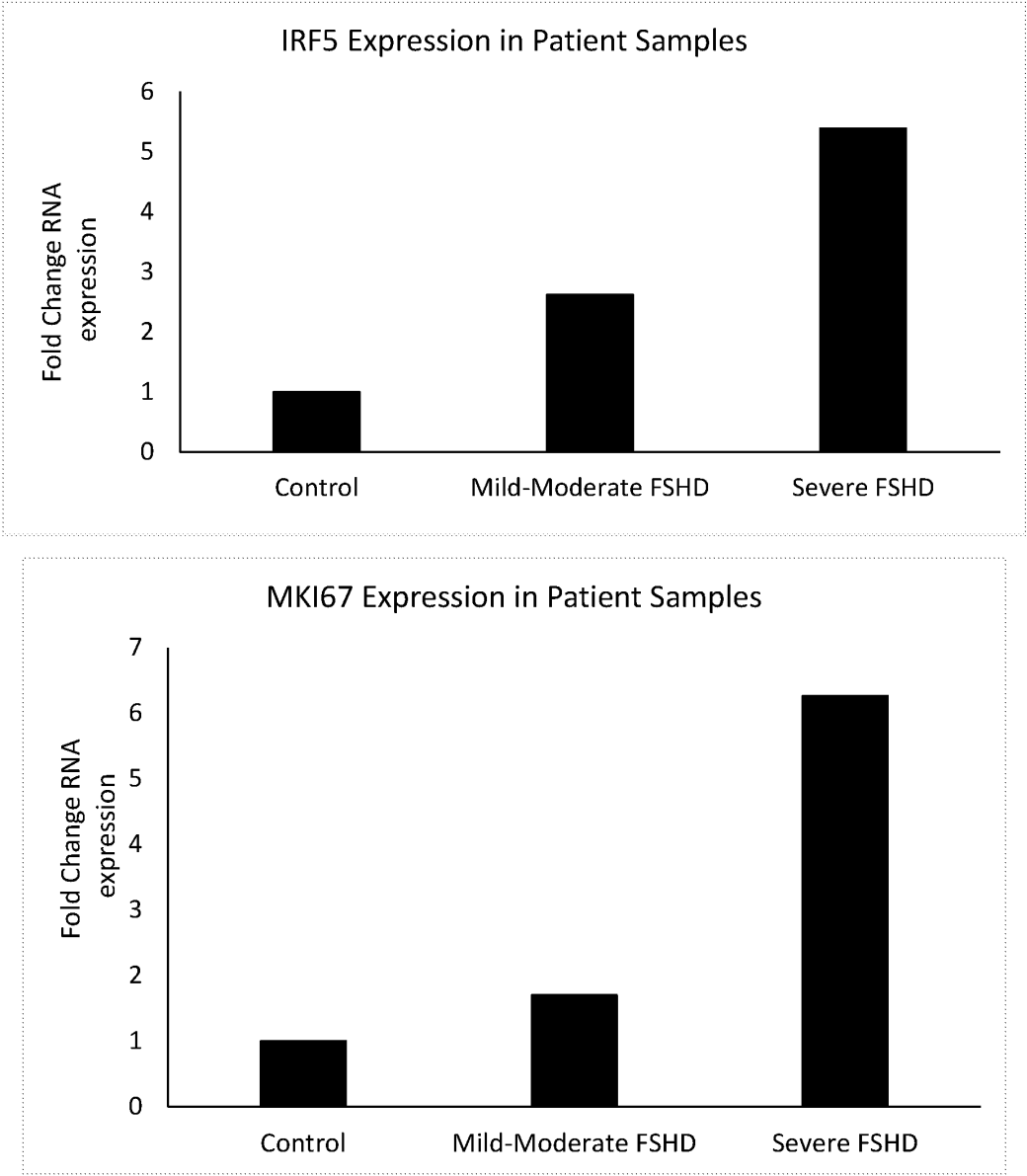


FIG. 13

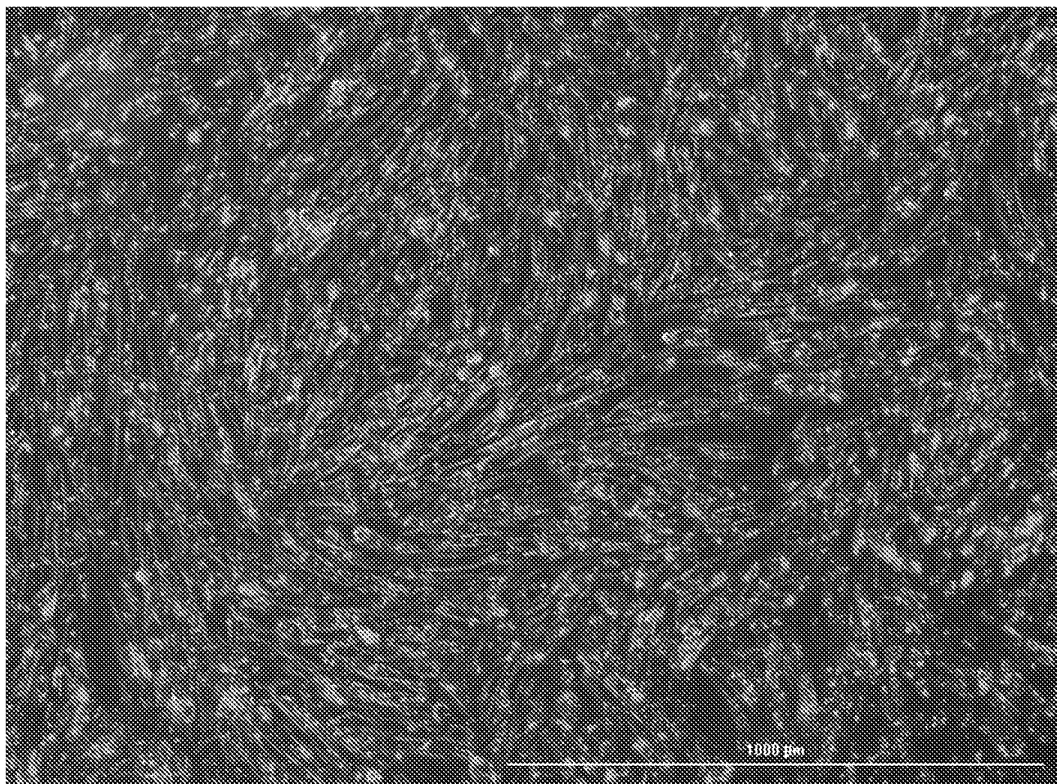


FIG. 14A

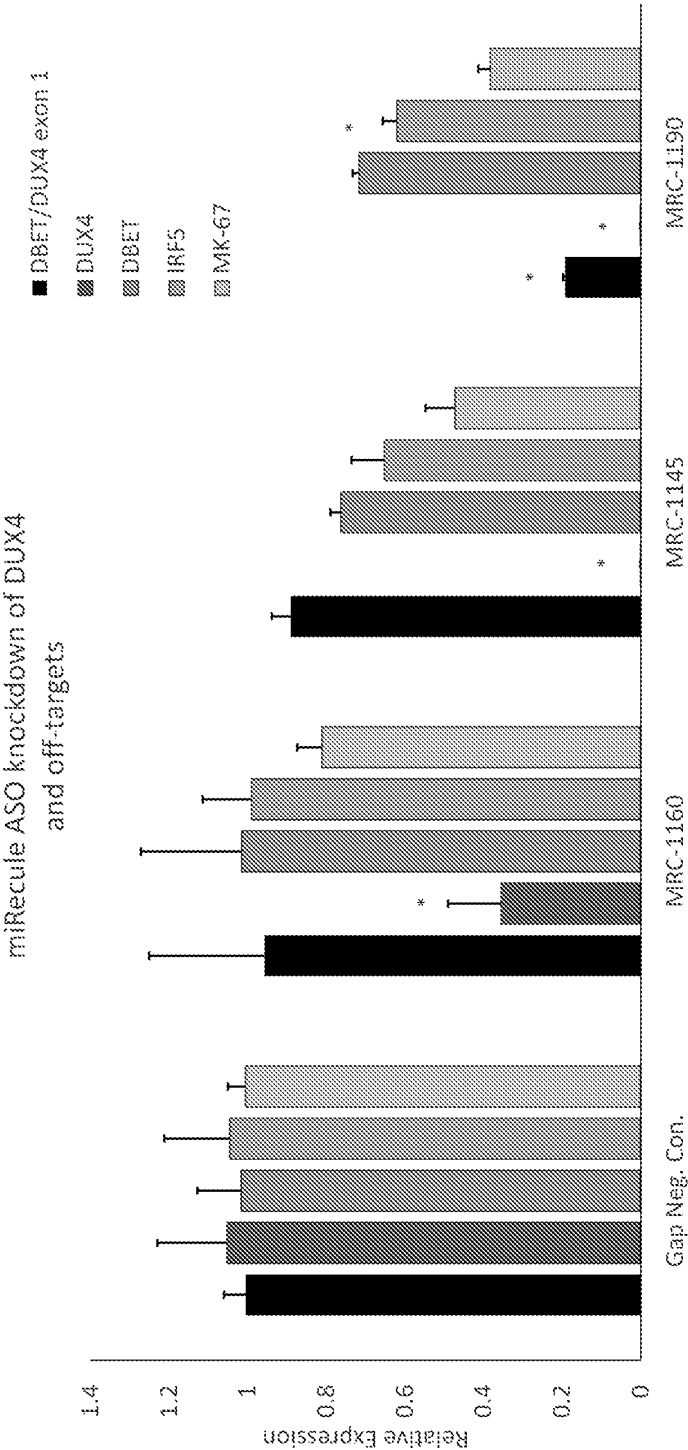


FIG. 14B

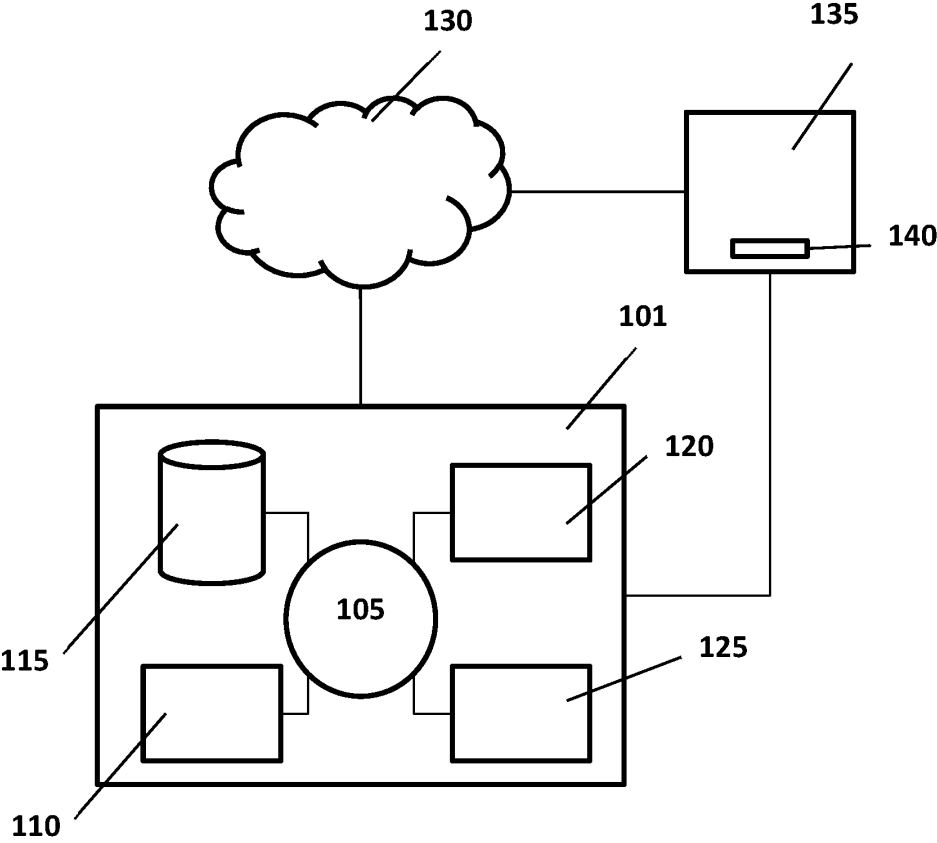


FIG. 15

20/20

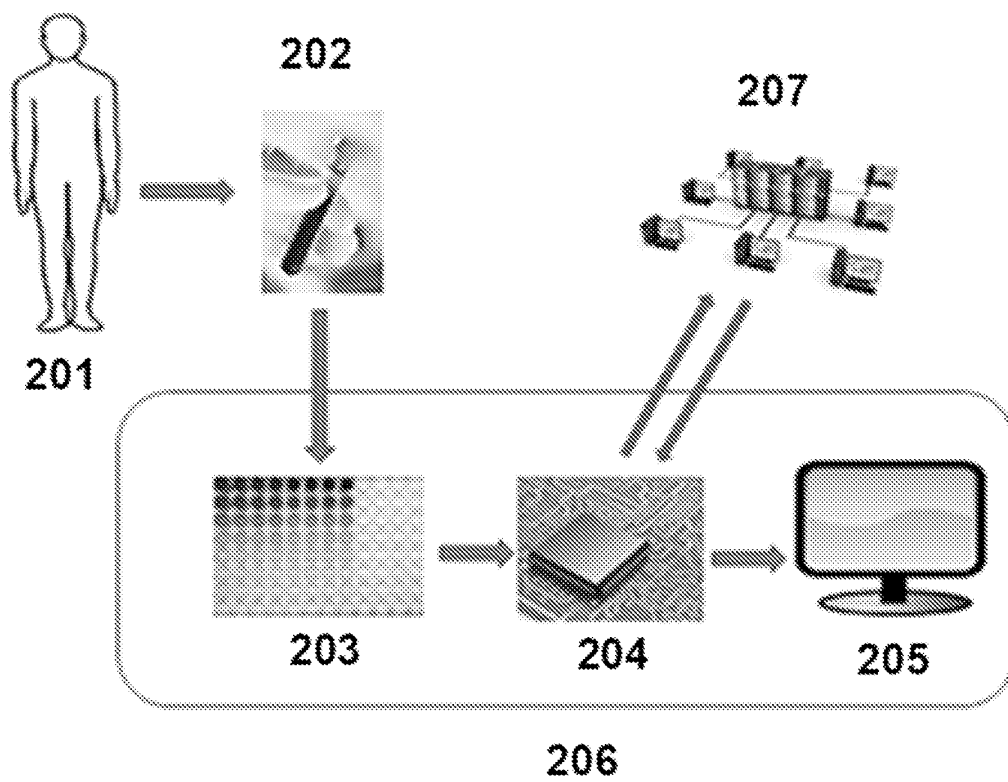


FIG. 16