Tau Epitope Titers in Guinea pigs after four injections

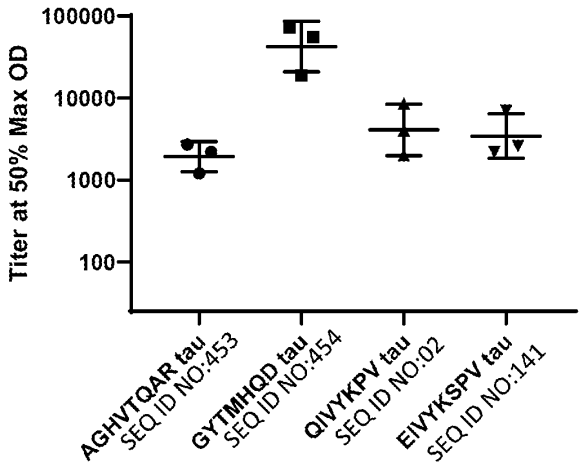


FIG 1

Titer in mice to full length tau from a tau epitope after three injections

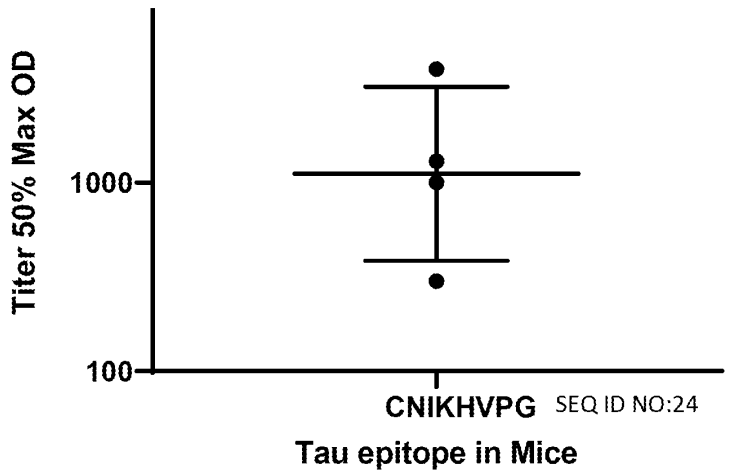


FIG 2

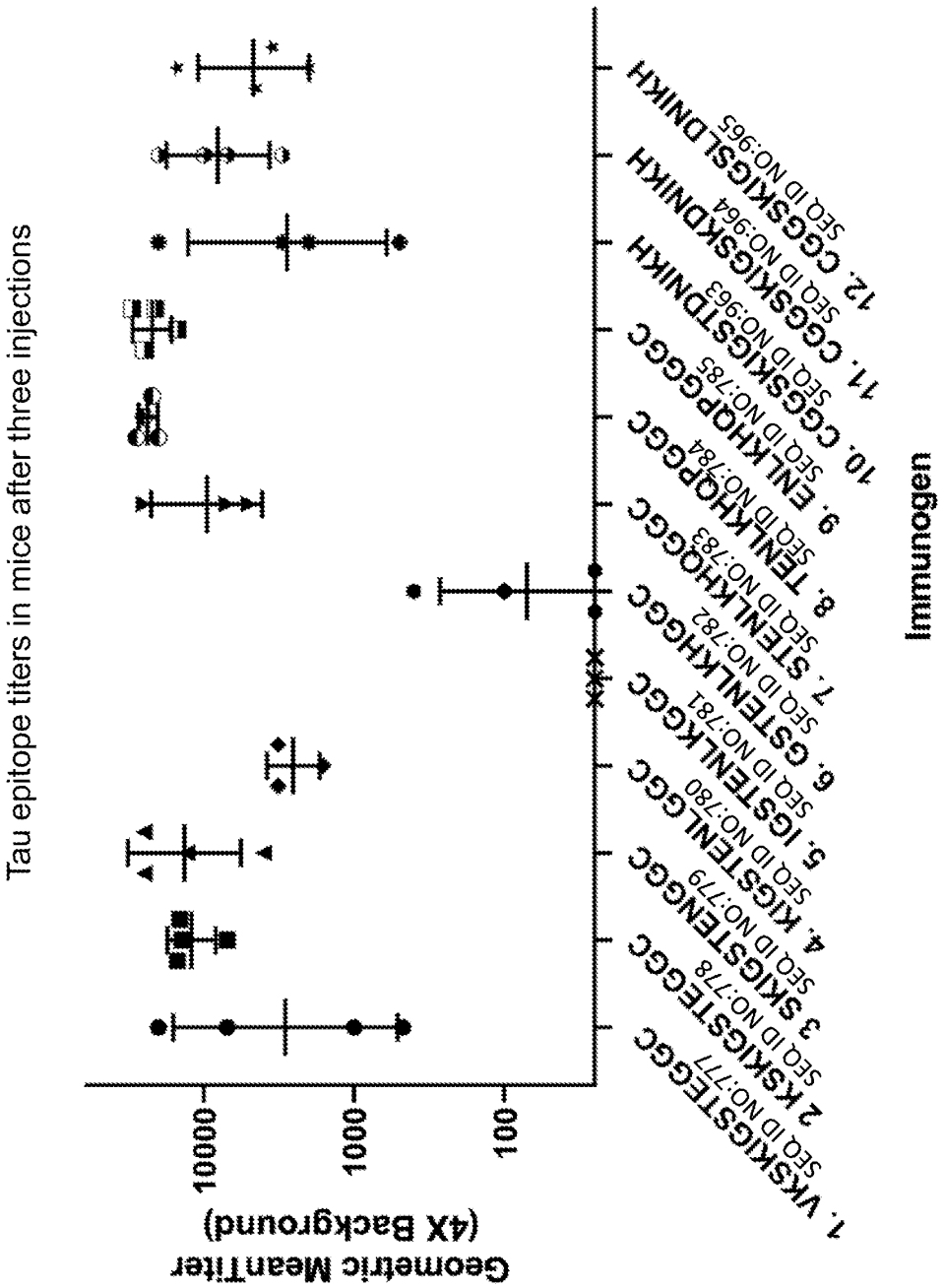

Tau epitope titers in mice after three injections
Geometric Mean Titer (4X Background)
10000
1000
100
Immunogen
1. VKSKIGSTEGGC SEQ ID NO:777
2 KSKIGSTEGGC SEQ ID NO:778
3 SKIGSTENGGC SEQ ID NO:779
4. KIGSTENLGGC SEQ ID NO:780
5. IGSTENLKGGC SEQ ID NO:781
6. GSTENLKHGGC SEQ ID NO:782
7. STENLKHQGGC SEQ ID NO:783
8. TENLKHQPGGC SEQ ID NO:784
9. ENLKHQPGGC SEQ ID NO:785
10. CGGSKIGSTDNIKH SEQ ID NO:963
11. CGGSKIGSKDNIKH SEQ ID NO:964
12. CGGSKIGSLDNIKH SEQ ID NO:965

FIG 3

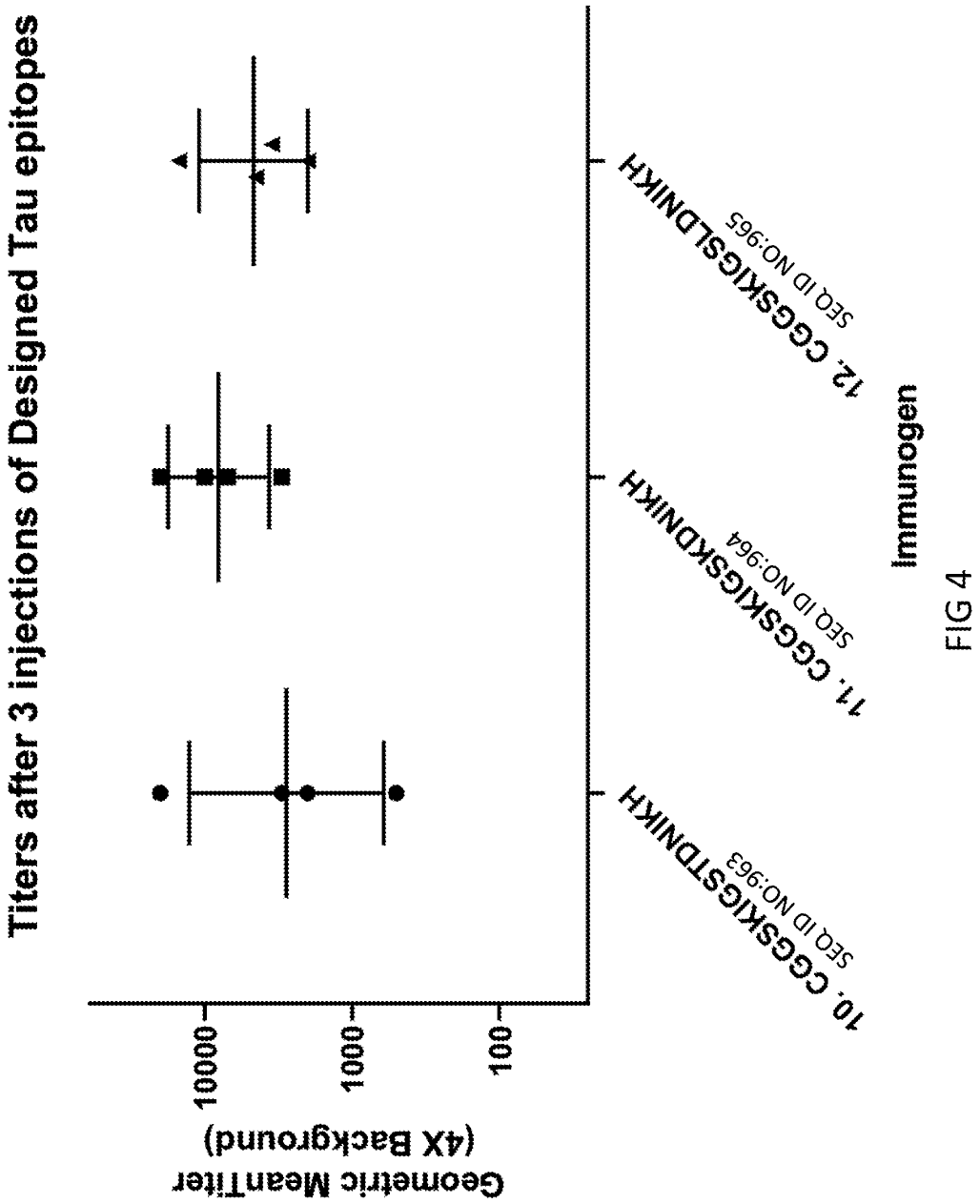

Titers after 3 injections of Designed Tau epitopes
Geometric MeanTiter
(4X Background)
10000
1000
100
10. CGGSKIGSTDNIKH
SEQ ID NO:963
11. CGGSKIGSKDNIKH
SEQ ID NO:964
12. CGGSKIGSLDNIKH
SEQ ID NO:965
Immunogen

FIG 4

Construct Binding to MTBR1-4

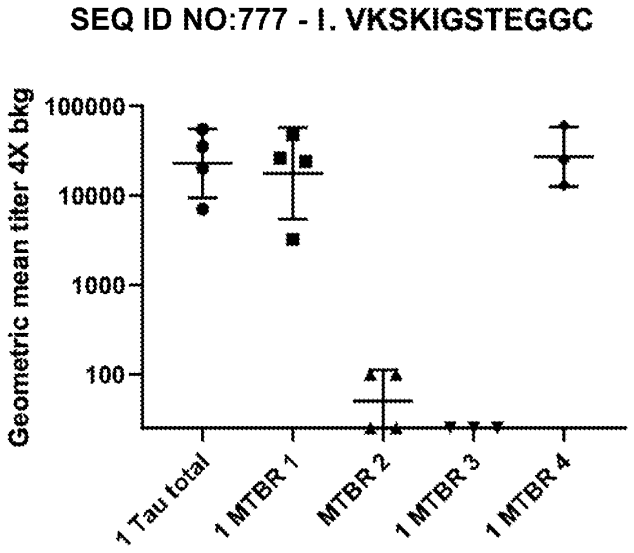


FIG 5A

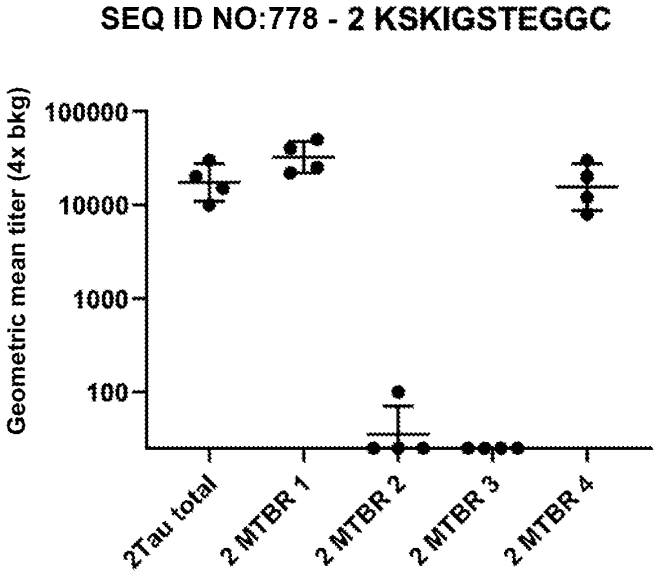


FIG 5B

Construct Binding to MTBR1-4

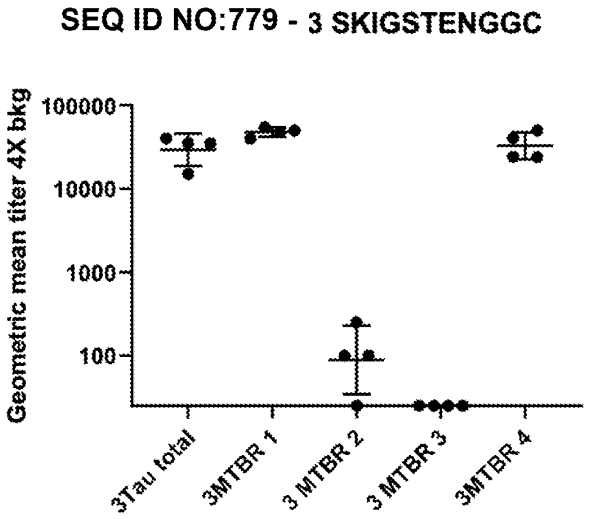


FIG 5C

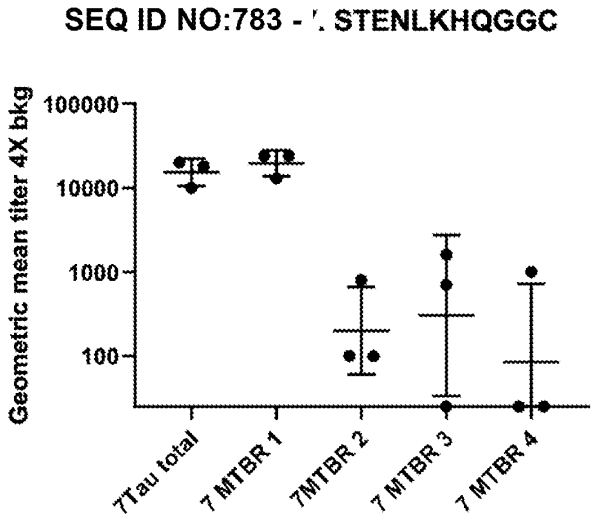


FIG 5D

Construct Binding to MTBR1-4

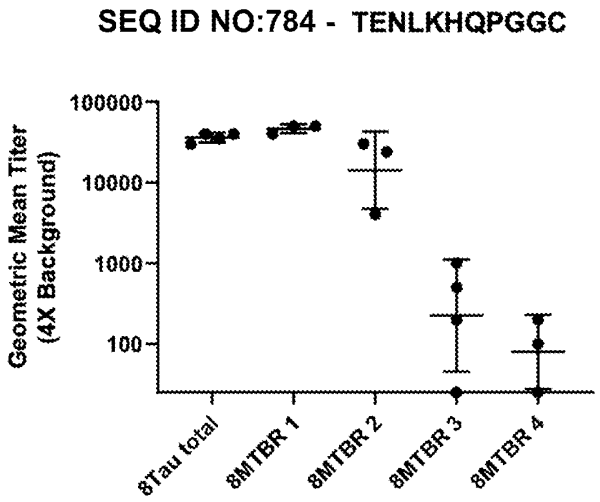


FIG 5E

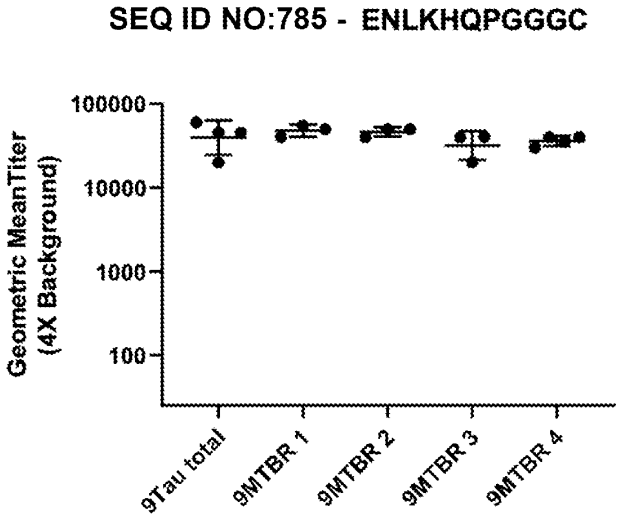


FIG 5F

Construct Binding to MTBR1-4

SEQ ID NO:964 - CGGSKIGSKDNIKH

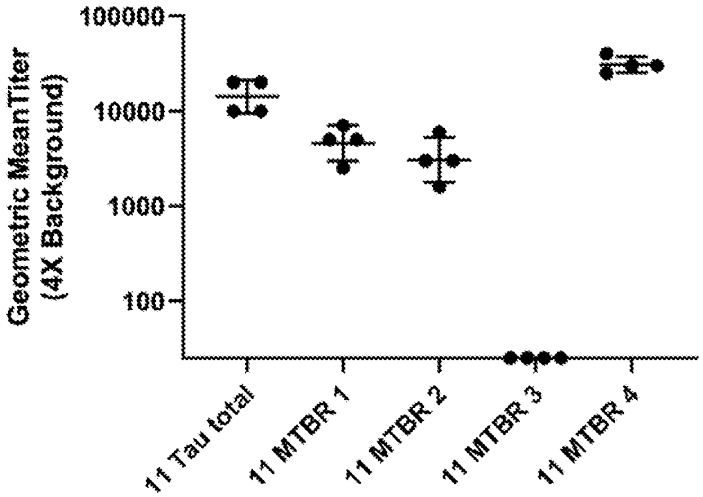


FIG 5G

SEQ ID NO:965 - CGGSKIGSLDNIKH

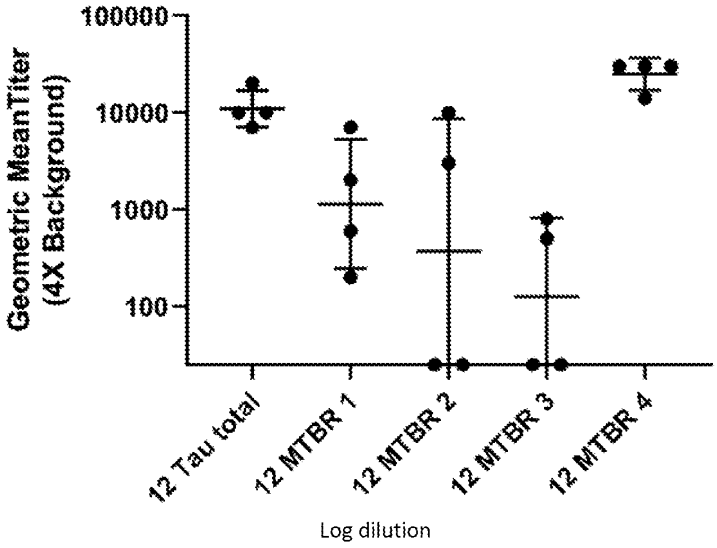


FIG 5H

Competition of tau from binding to heparin

SEQ ID NO:777 VKSKIGSTEGGC immunized mice ability to inhibit Tau binding to heparin

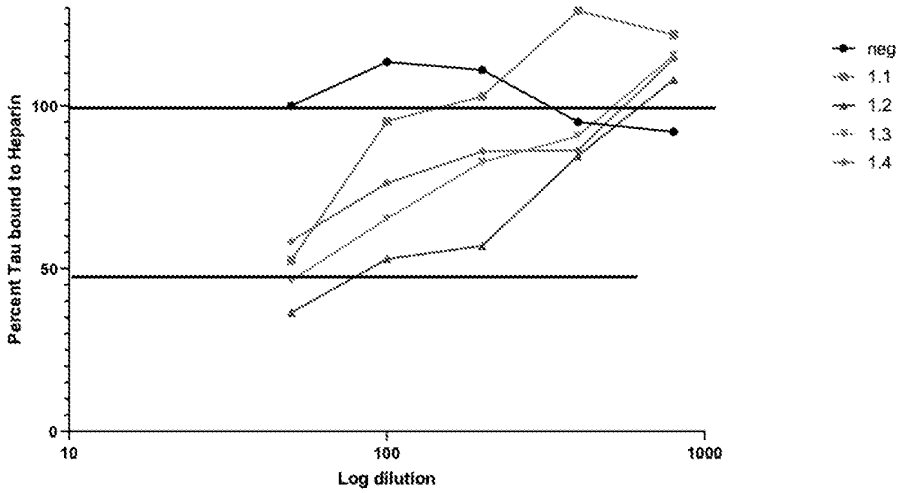


FIG 6

SEQ ID NO:778 KSKIGSTEGGC immunized mice ability to inhibit Tau binding to heparin

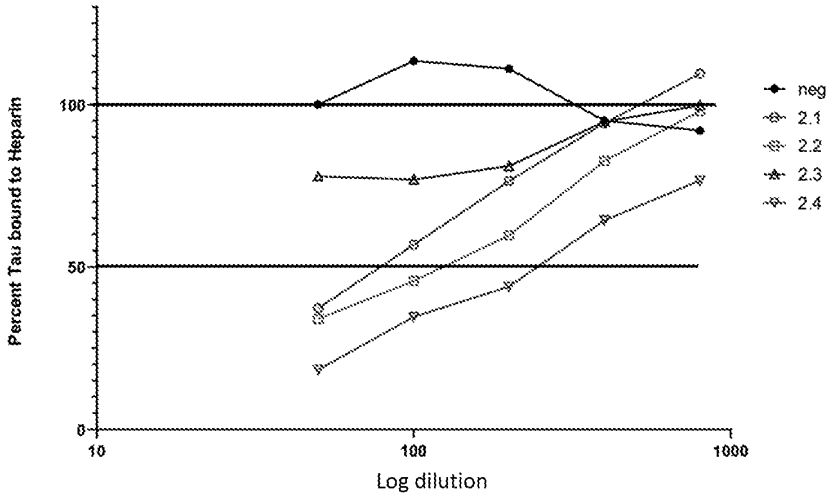


FIG 7

Competition of tau from binding to heparin

SEQ ID NO:779 SKIGSTENGGC immunized mice ability to inhibit Tau binding to heparin

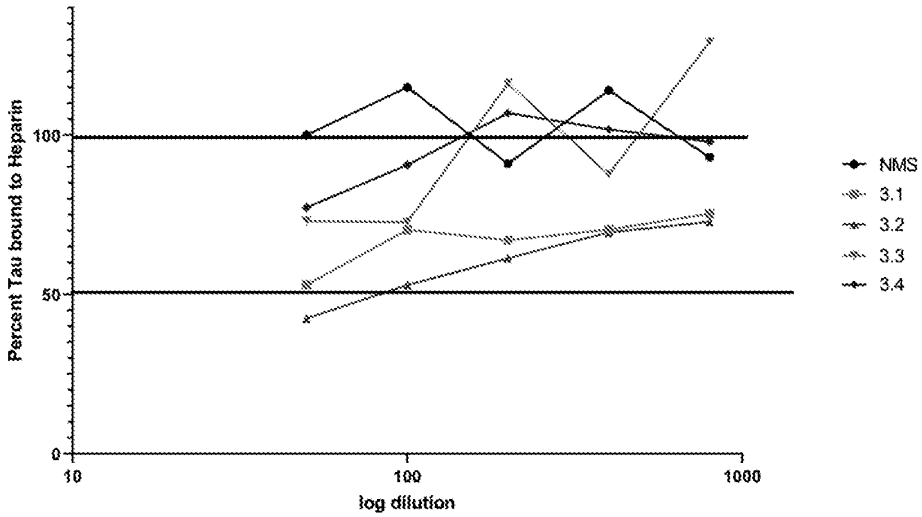


FIG. 8

SEQ ID NO:783 STENLKHQGGC immunized mice ability to inhibit Tau binding to heparin

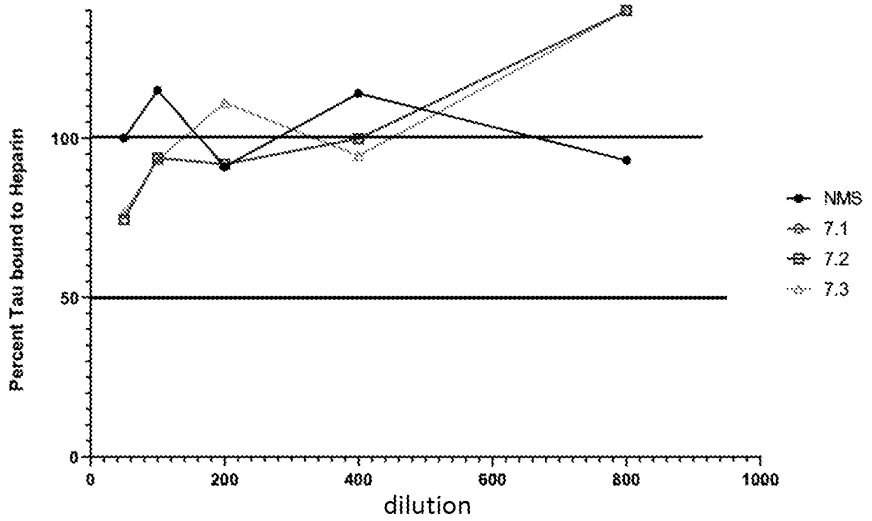


FIG 9

Competition of tau from binding to heparin

SEQ ID NO:784 TENLKHQPGGC immunized mice ability to inhibit Tau binding to heparin

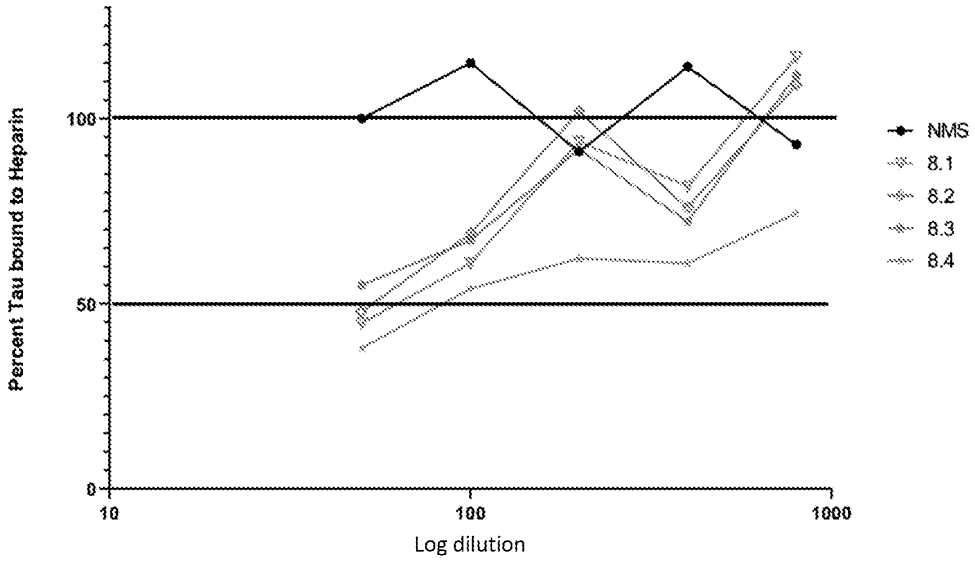


FIG 10

SEQ ID NO:785 ENLKHQPGGGC immunized mice ability to inhibit Tau binding to heparin

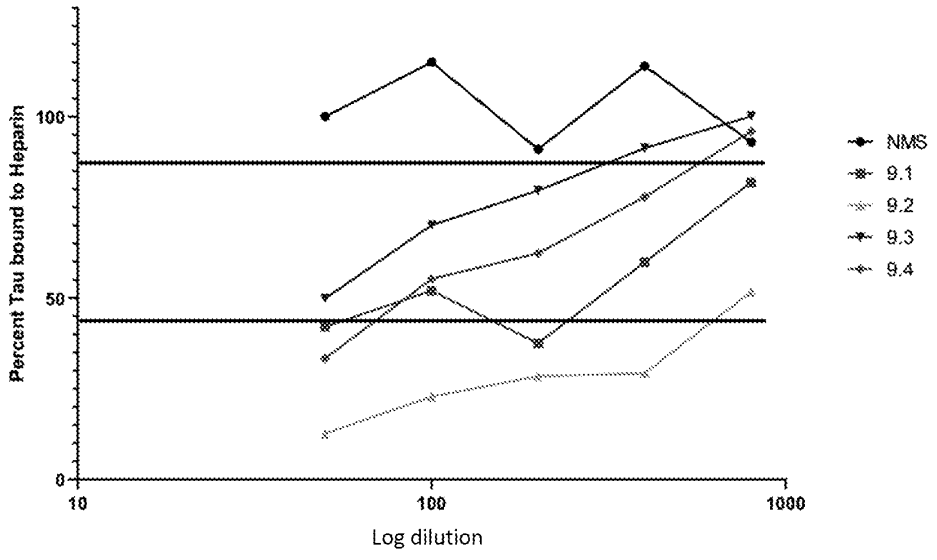


FIG 11

Competition of tau from binding to heparin

SEQ ID NO:964 CGGSKIGSKDNIKH immunized mice ability to inhibit Tau binding to heparin

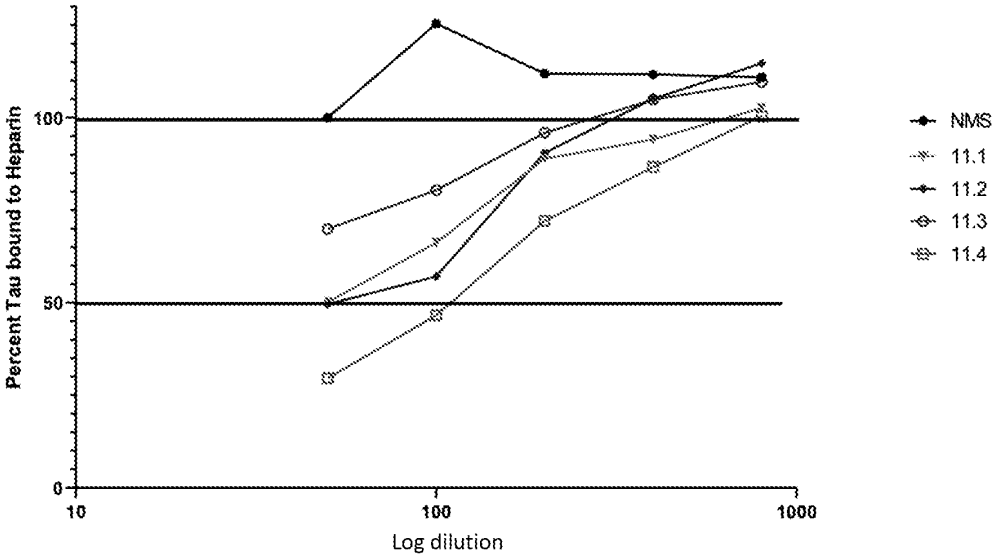


FIG 12

SEQ ID NO:965 CGGSKIGSLDNIKH immunized mice ability to inhibit Tau binding to heparin

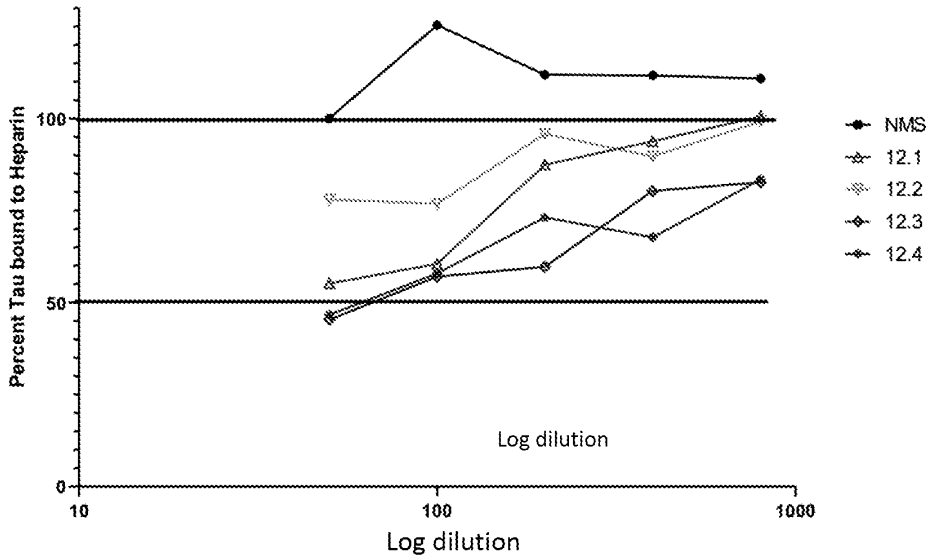


FIG 13

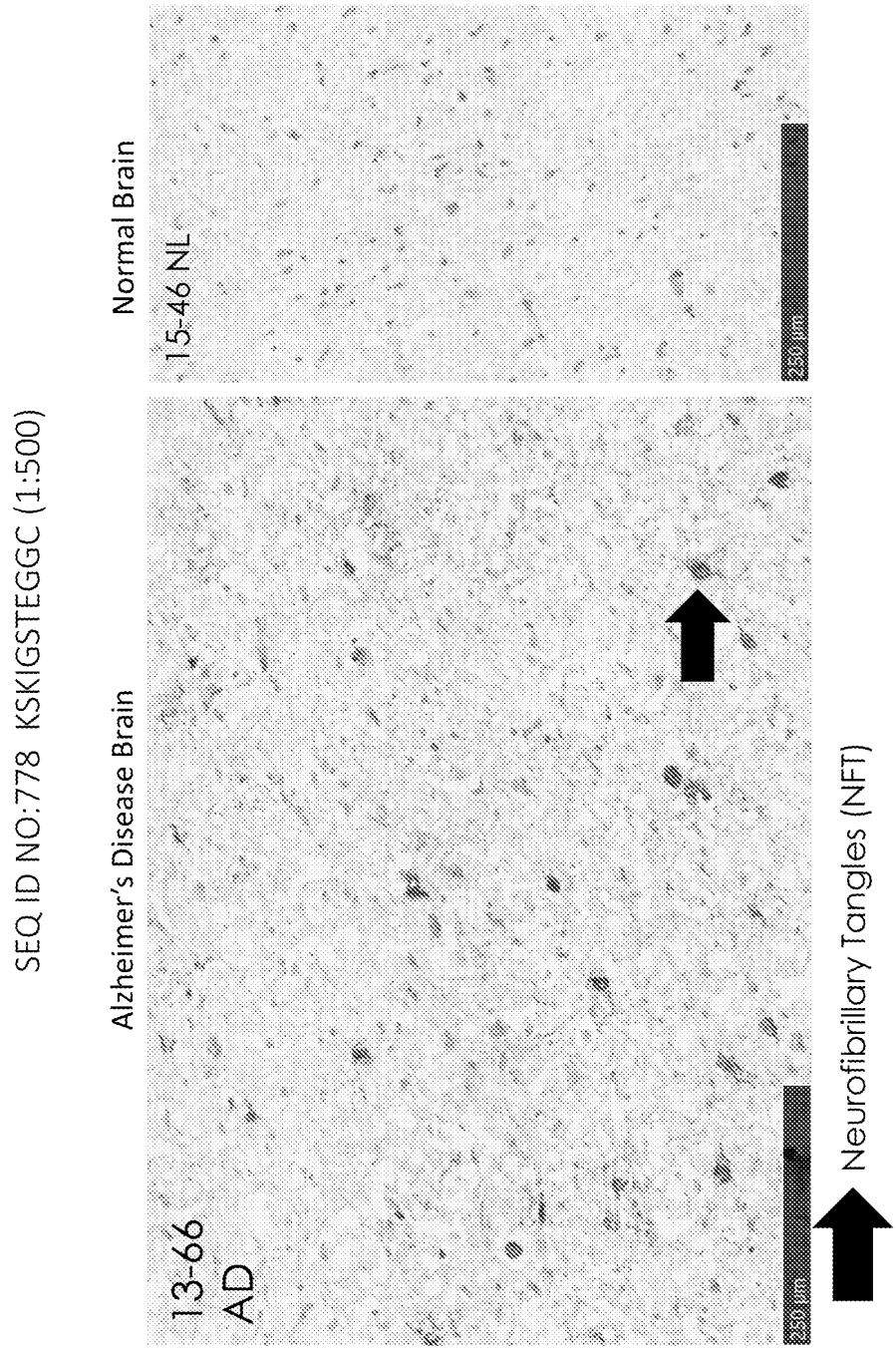

SEQ ID NO:778 KSKIGSTEGGC (1:500)
Alzheimer's Disease Brain
13-66
AD
50 um
Neurofibrillary Tangles (NFT)
Normal Brain
15-46 NL
50 um

FIG 14

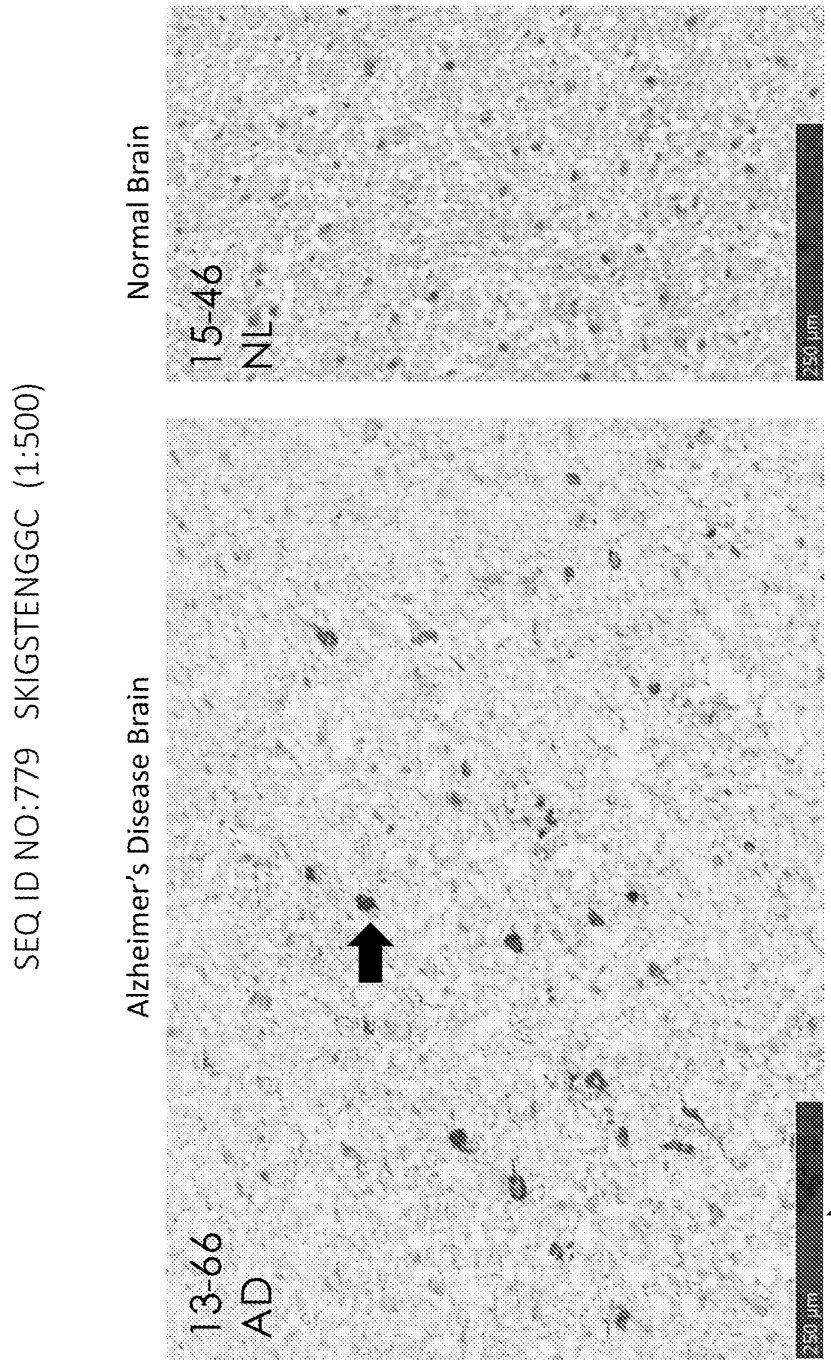

SEQ ID NO:779 SKIGSTENGGC (1:500)
Alzheimer's Disease Brain
13-66
AD
Normal Brain
15-46
NL
250 µm
250 µm
Neurofibrillary Tangles (NFT)

FIG 15

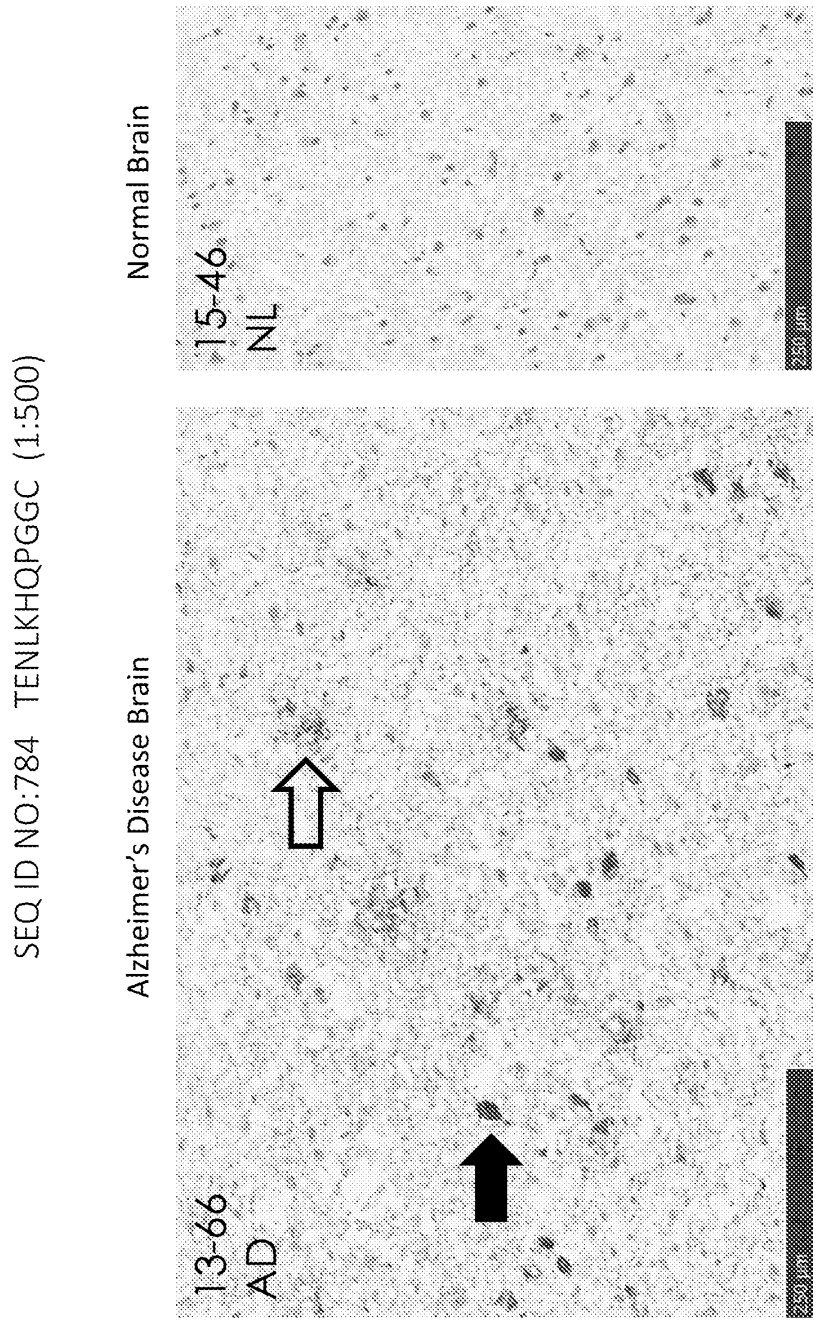

SEQ ID NO:784 TENLKHQPGGC (1:500)
Alzheimer's Disease Brain
Normal Brain
13-66
AD
15-46
NL
250 µm
250 µm
Neurofibrillary Tangles (NFT)
Neuritic Plaques (NP)

FIG 16

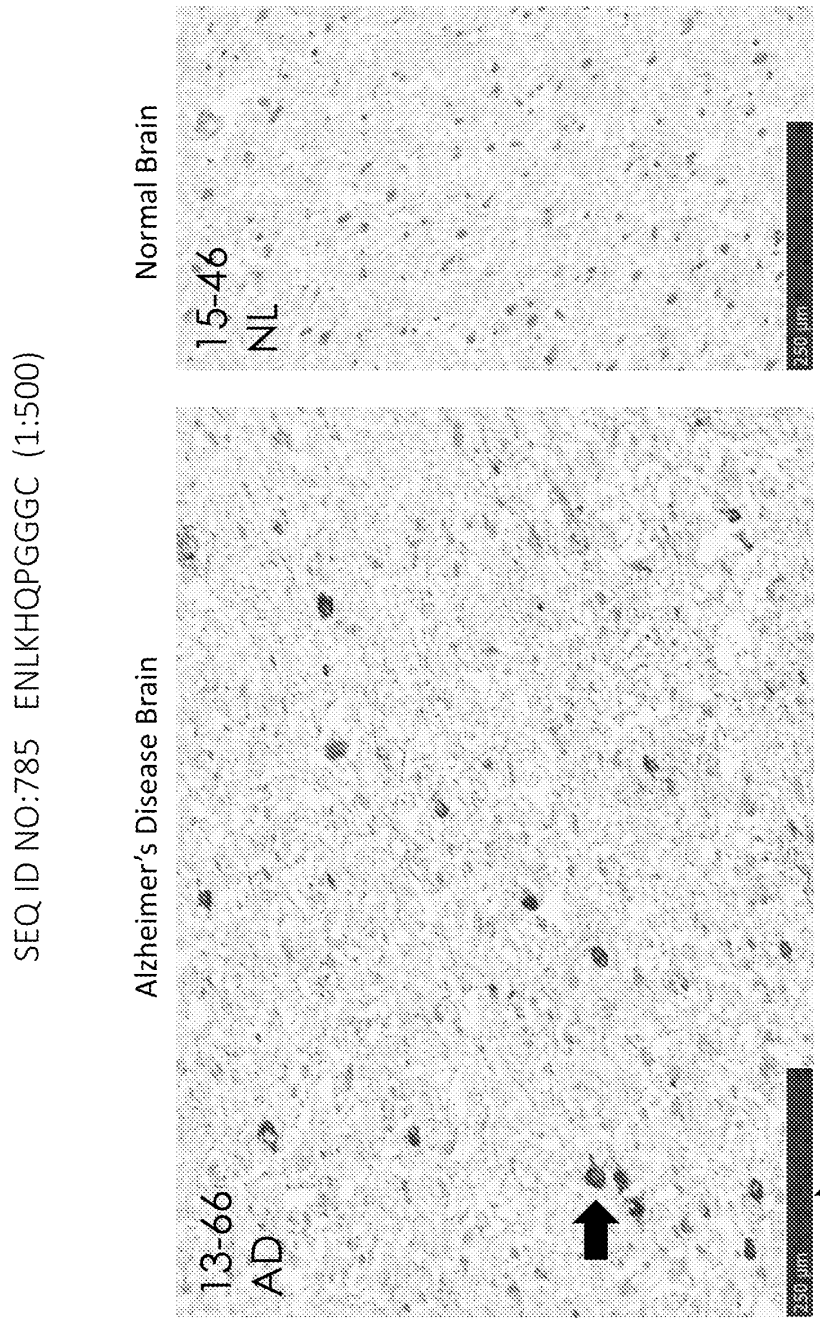

SEQ ID NO:785 ENLKHQPGGGC (1:500)
Alzheimer's Disease Brain
13-66
AD
Normal Brain
15-46
NL
Neurofibrillary Tangles (NFT)

FIG 17

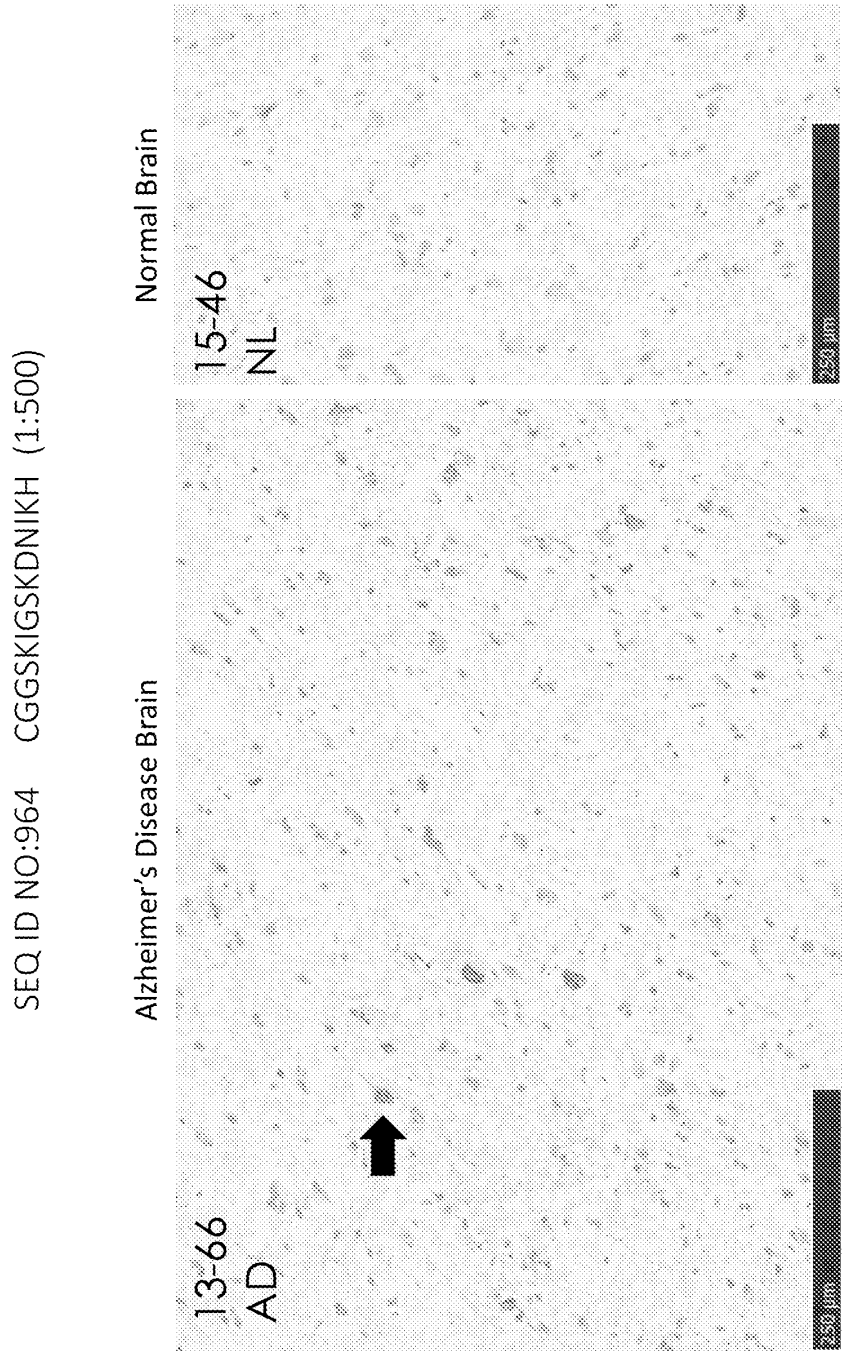

SEQ ID NO:964 CGGSKIGSKDNIKH (1:500)
Alzheimer's Disease Brain
Normal Brain
13-66
AD
15-46
NL
50 μm
50 μm
Neurofibrillary Tangles (NFT)

FIG 18