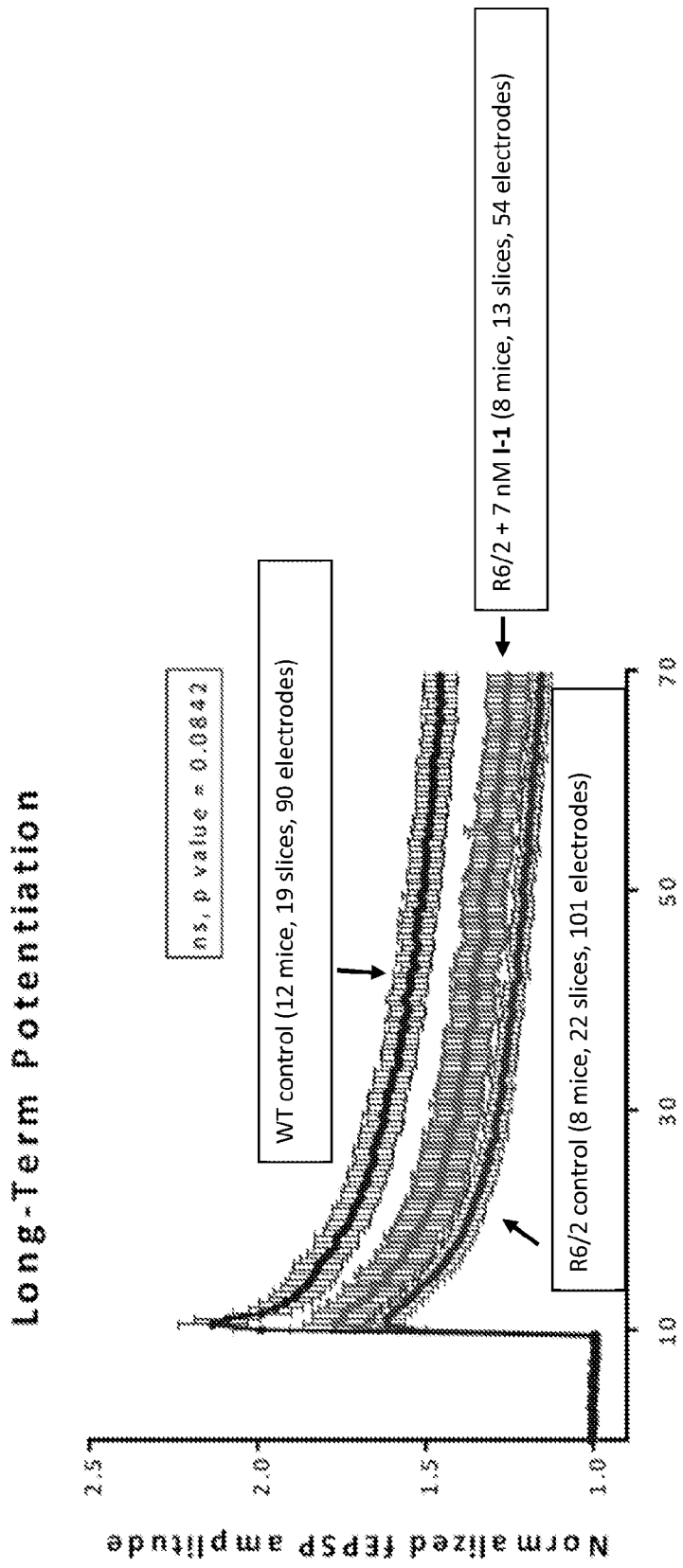
Long-Term Potentiation
ns, p value = 0.0842
WT control (12 mice, 19 slices, 90 electrodes)
R6/2 + 7 nM I-1 (8 mice, 13 slices, 54 electrodes)
R6/2 control (8 mice, 22 slices, 101 electrodes)
Normalized fEPSP amplitude
2.5
2.0
1.5
1.0
10
30
50
70
Time (min)

FIG. 1

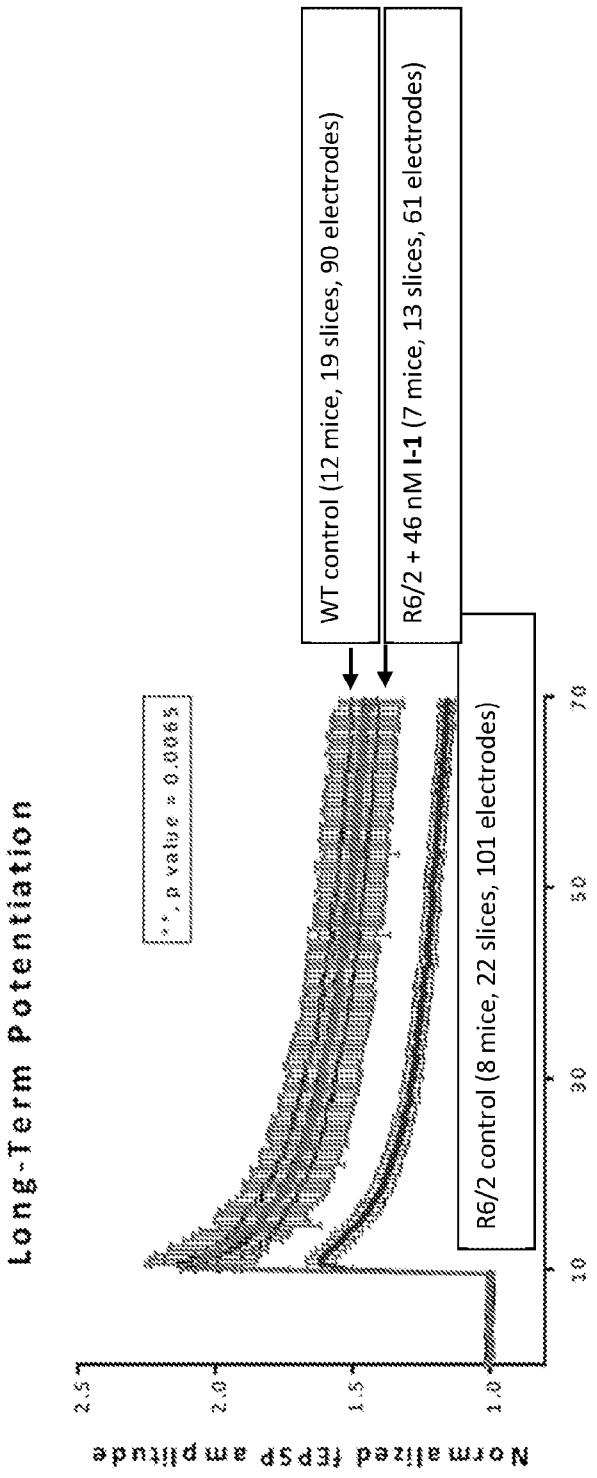
Long-Term Potentiation
**, p value = 0.0065
WT control (12 mice, 19 slices, 90 electrodes)
R6/2 + 46 nM I-1 (7 mice, 13 slices, 61 electrodes)
R6/2 control (8 mice, 22 slices, 101 electrodes)
Normalized fEPSP amplitude
2.5
2.0
1.5
1.0
10
30
50
70
Time (min)

FIG. 2

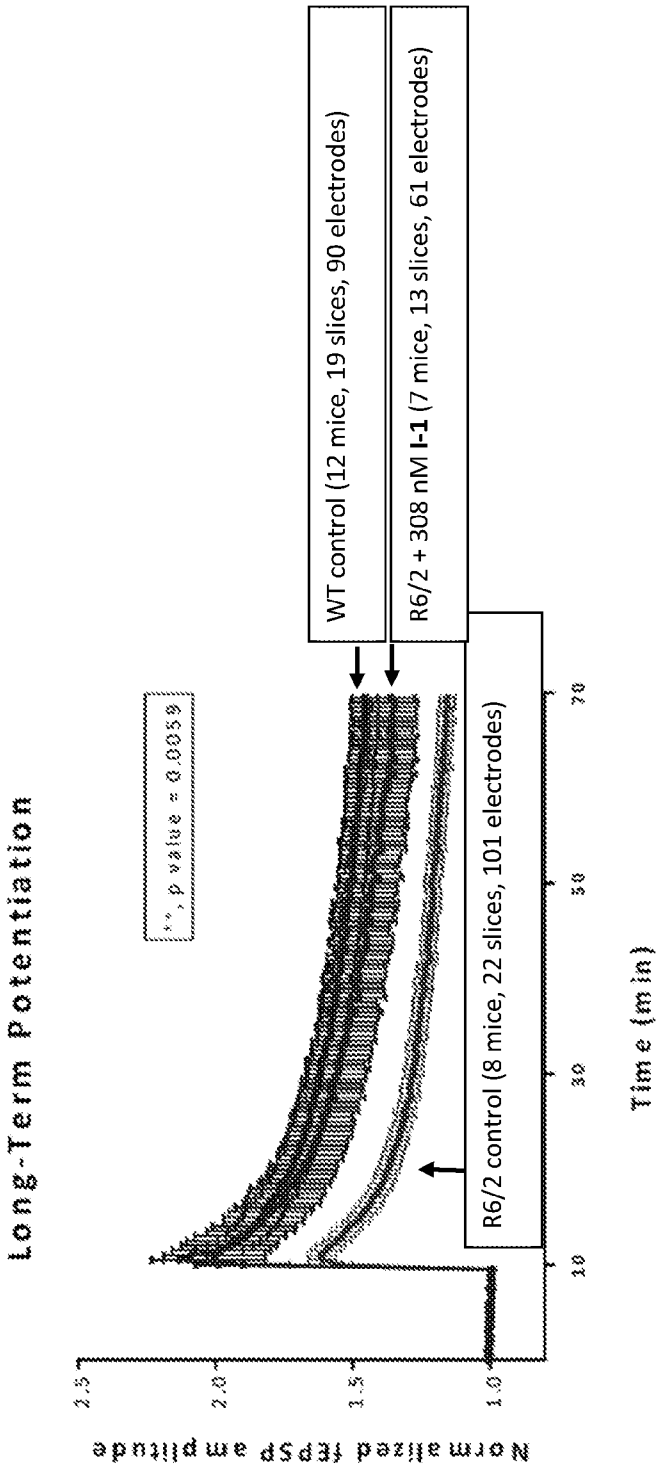
Long-Term Potentiation
*, p value = 0.0059
WT control (12 mice, 19 slices, 90 electrodes)
R6/2 + 308 nM I-1 (7 mice, 13 slices, 61 electrodes)
R6/2 control (8 mice, 22 slices, 101 electrodes)
Normalized fEPSP amplitude
Time (min)
2.5
2.0
1.5
1.0
10
30
50
70

FIG. 3

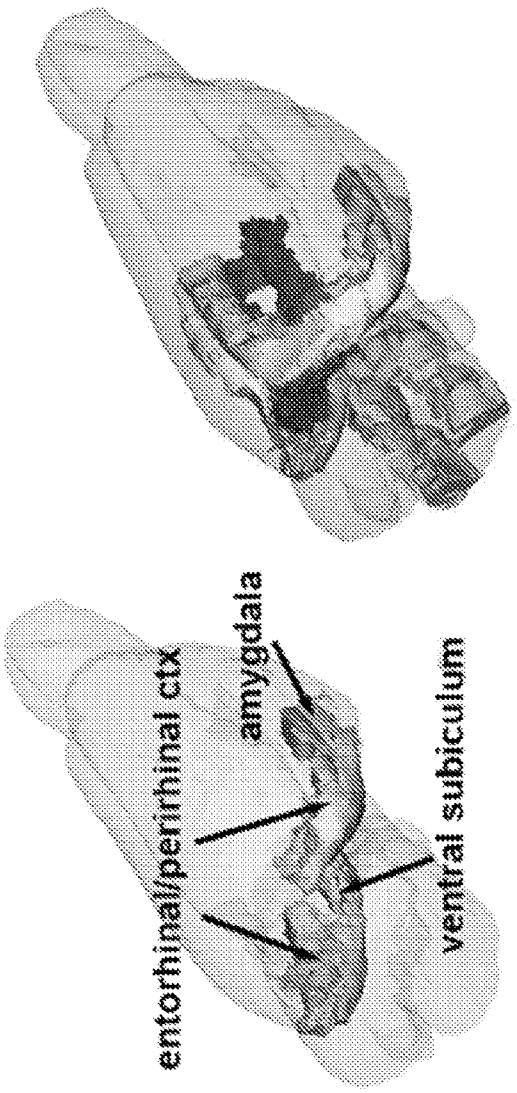

FIG. 4