

FIG. 1

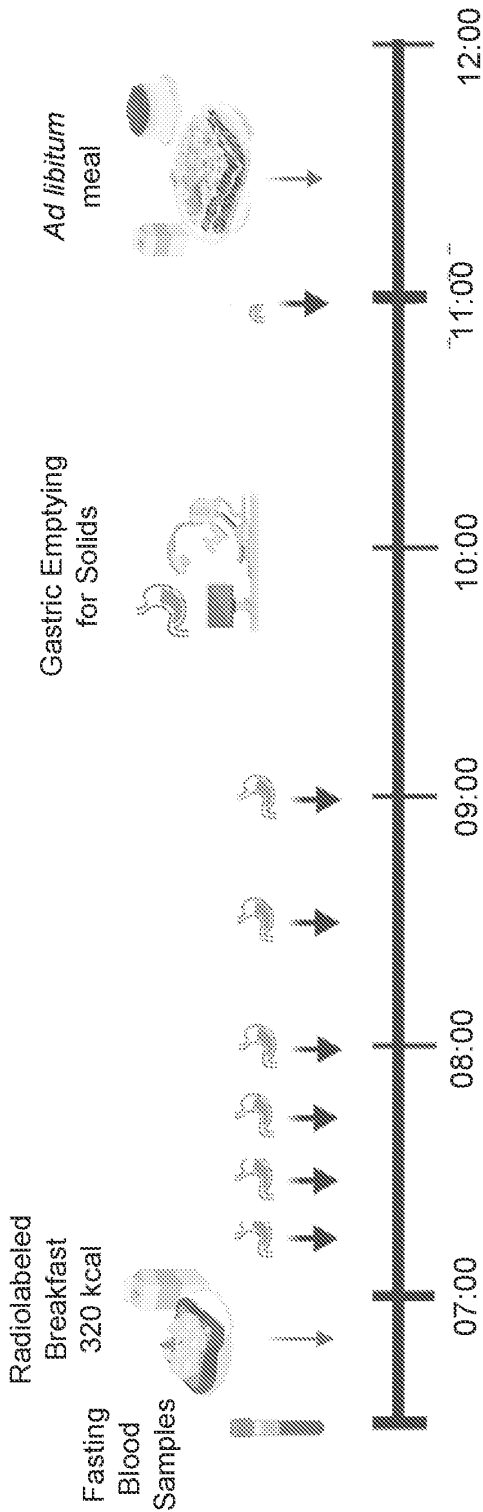


FIG. 2A

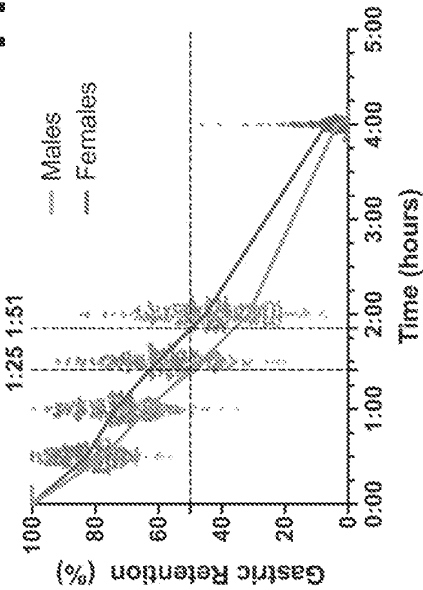


FIG. 2B

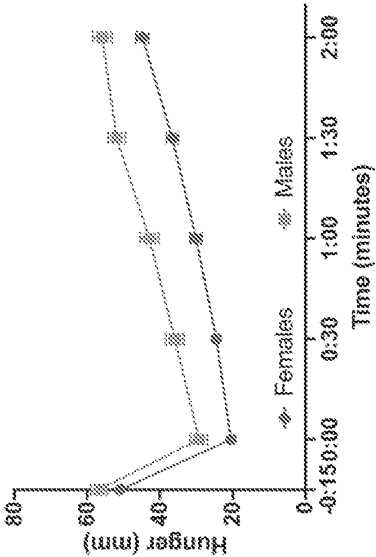


FIG. 2C

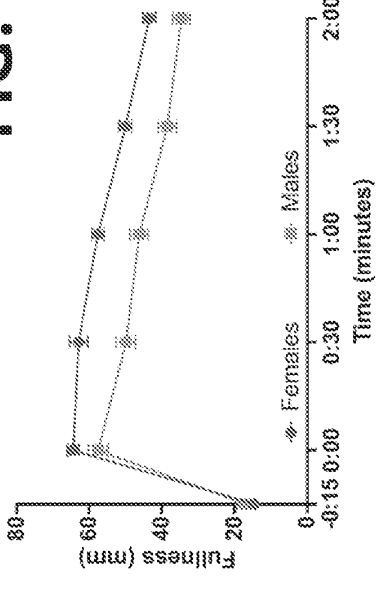
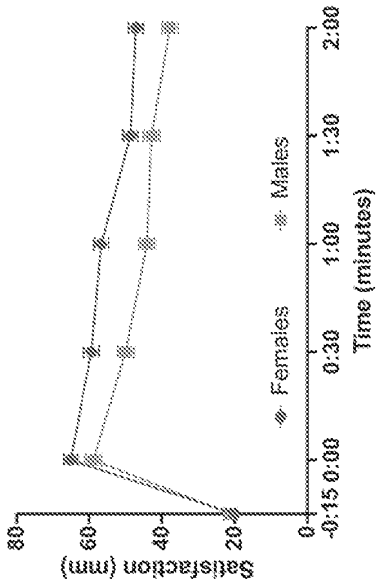


FIG. 2D



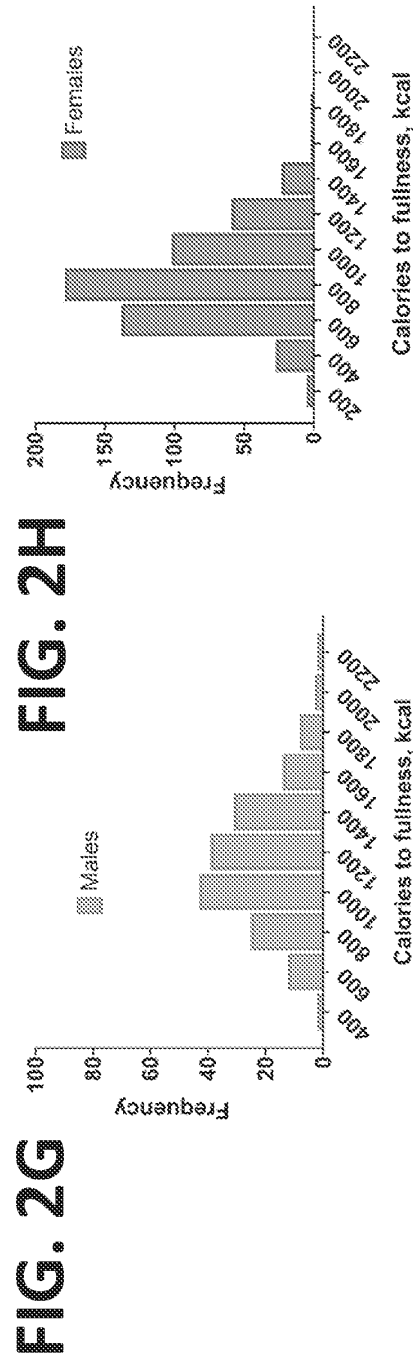
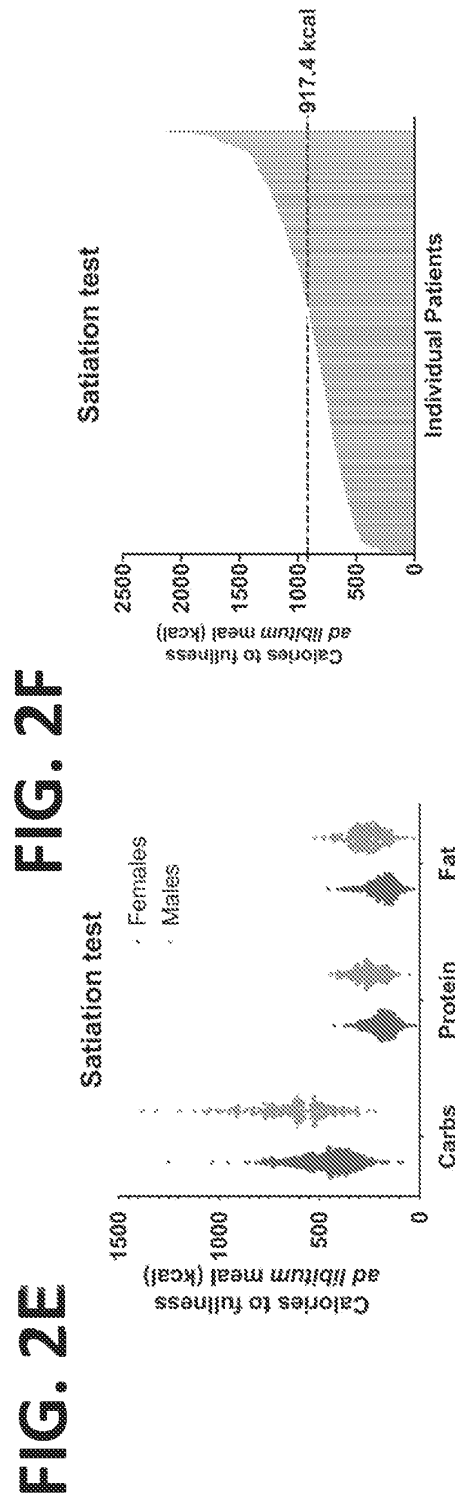


FIG. 3
Explaining Satiation Variability

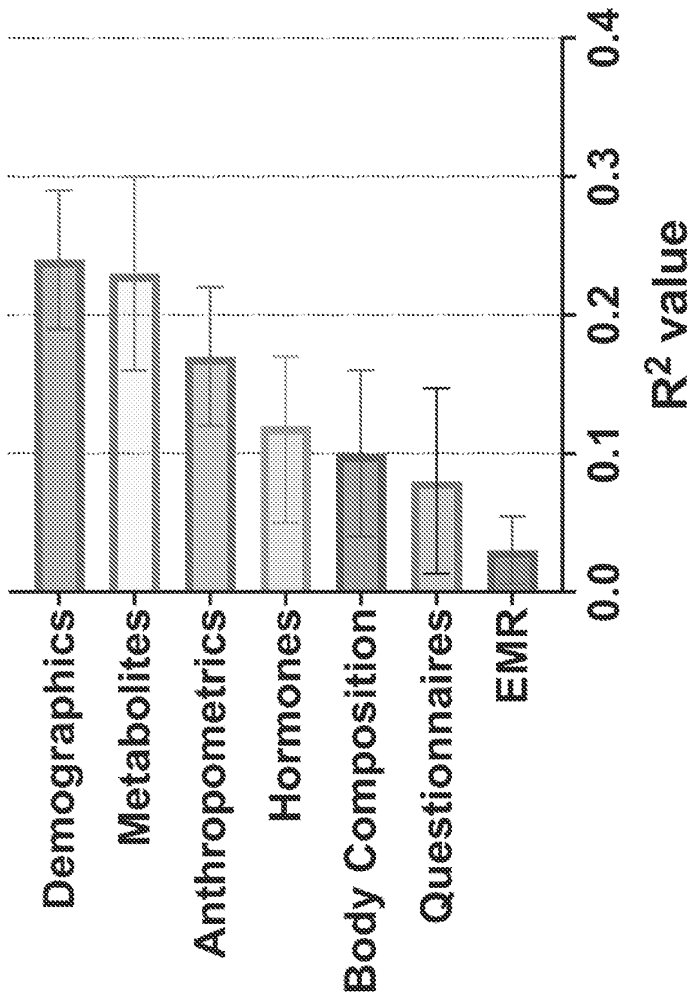


FIG. 4A

Gastric emptying

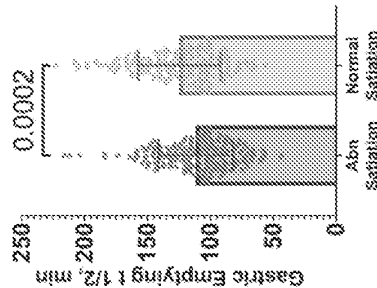


FIG. 4B

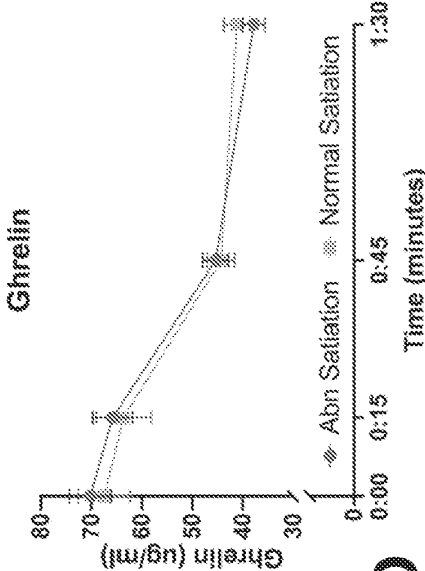


FIG. 4C

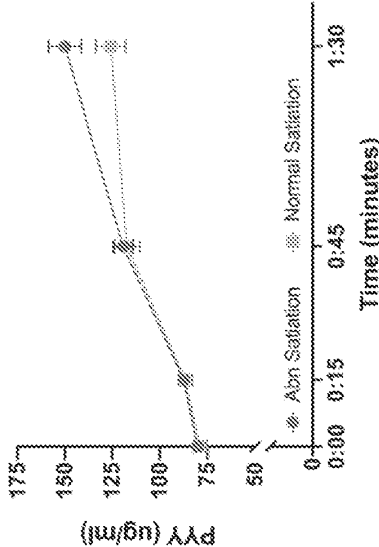


FIG. 4D

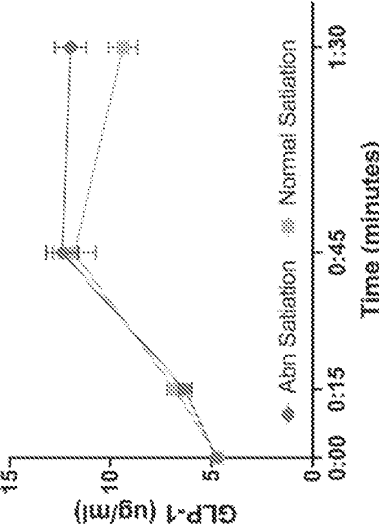


FIG. 4E

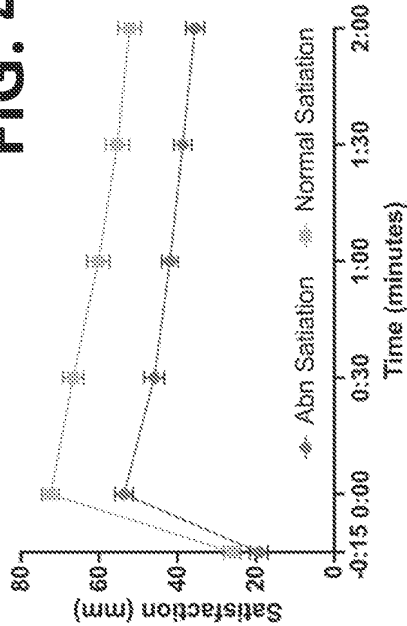


FIG. 4F

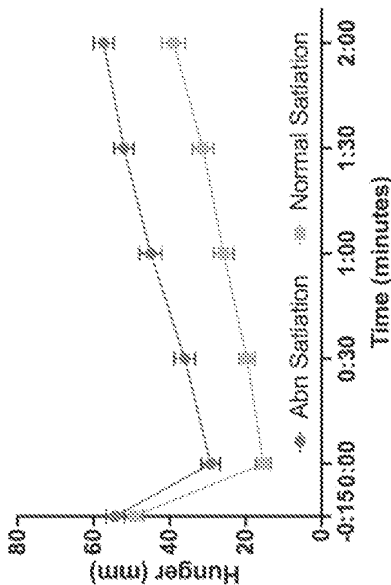


FIG. 4G

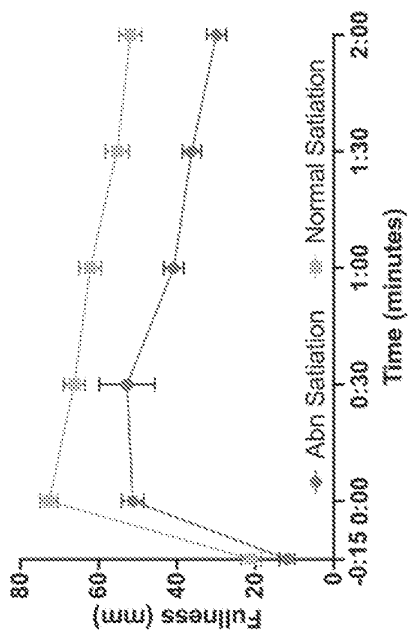


FIG. 4H

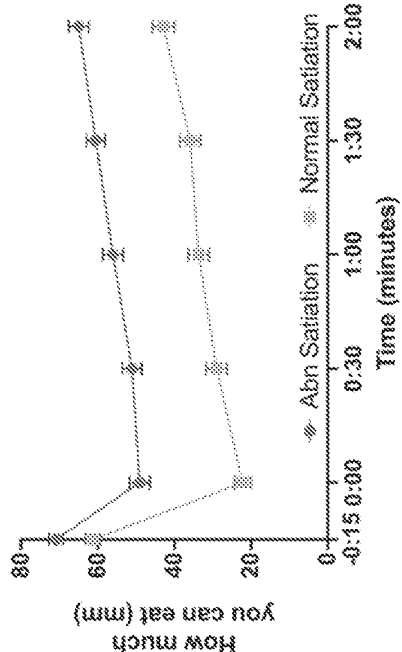
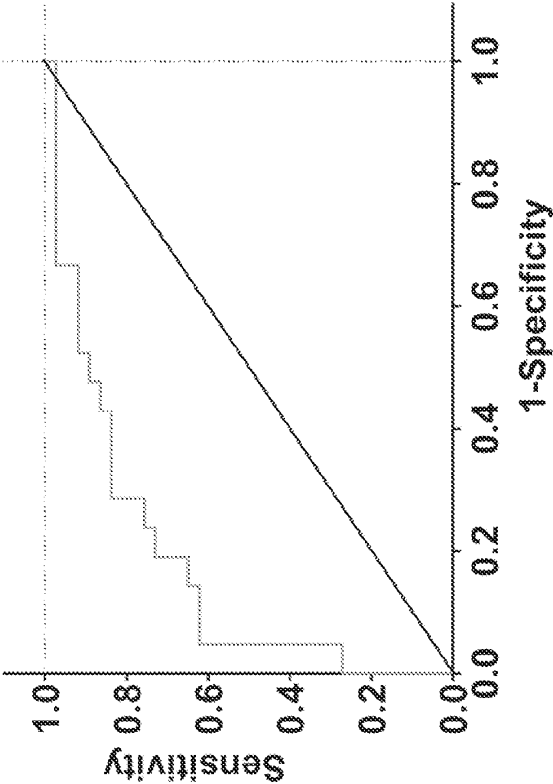


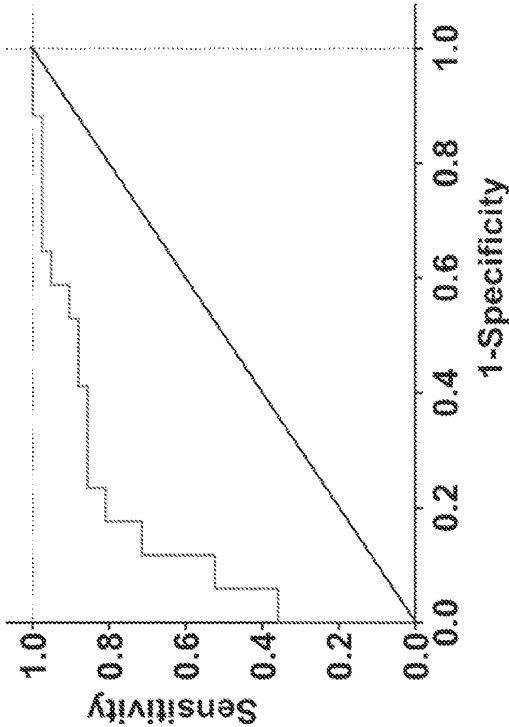
FIG. 5A



Value	
AUC	0.91
Sensitivity	0.92
Specificity	0.71
Accuracy	0.85

PPV	0.86
NPV	0.83
NND	1.57
NNP	1.45

FIG. 5B



Value	
AUC	0.85
Sensitivity	0.71
Specificity	0.82
Accuracy	0.70

PPV	0.91
NPV	0.54
NND	1.86
NNP	2.23

FIG. 6A

Independent Validation
Placebo

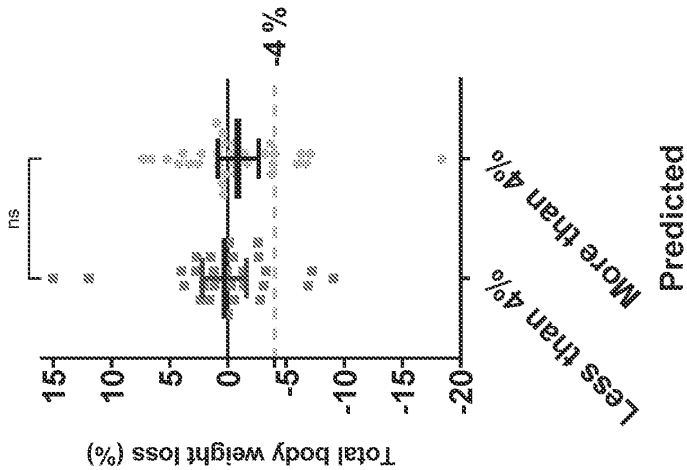
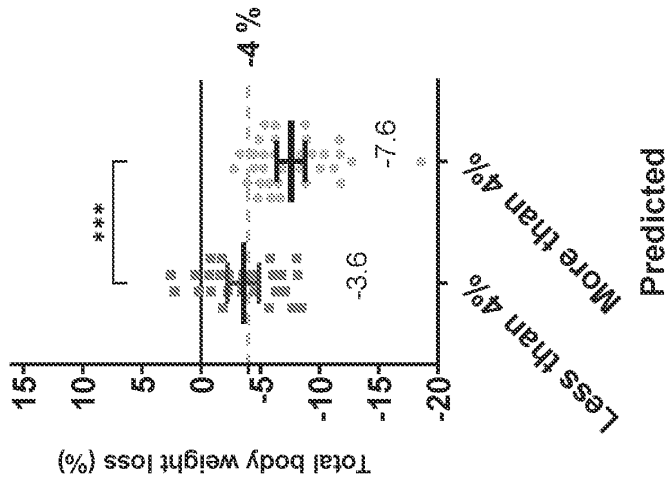


FIG. 6B
Independent Validation
Liraglutide



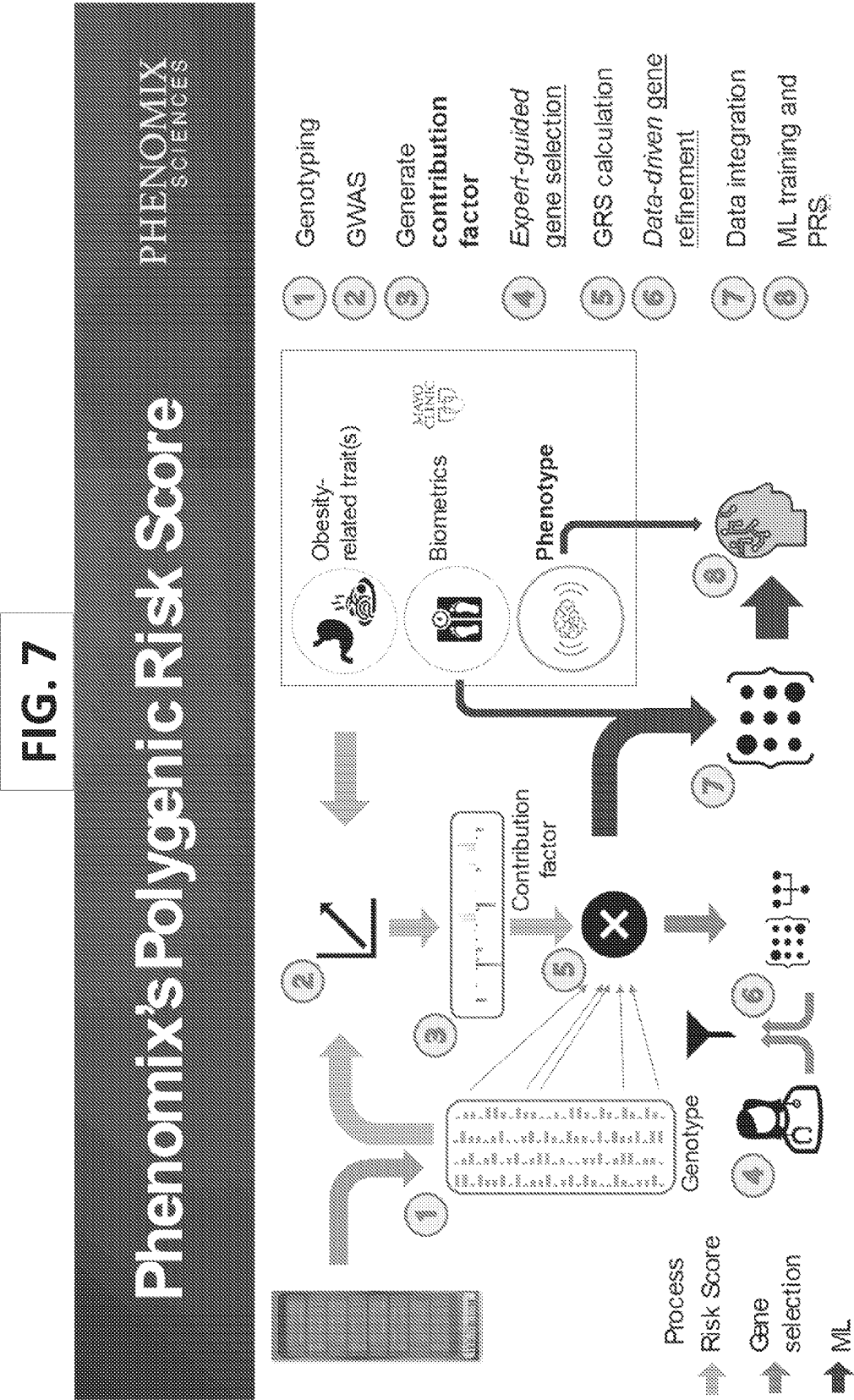


FIG. 8A

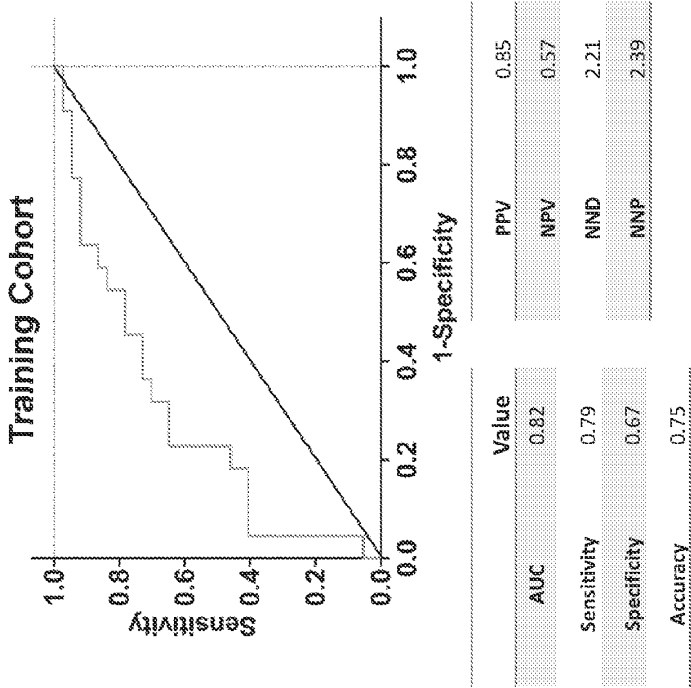


FIG. 8B

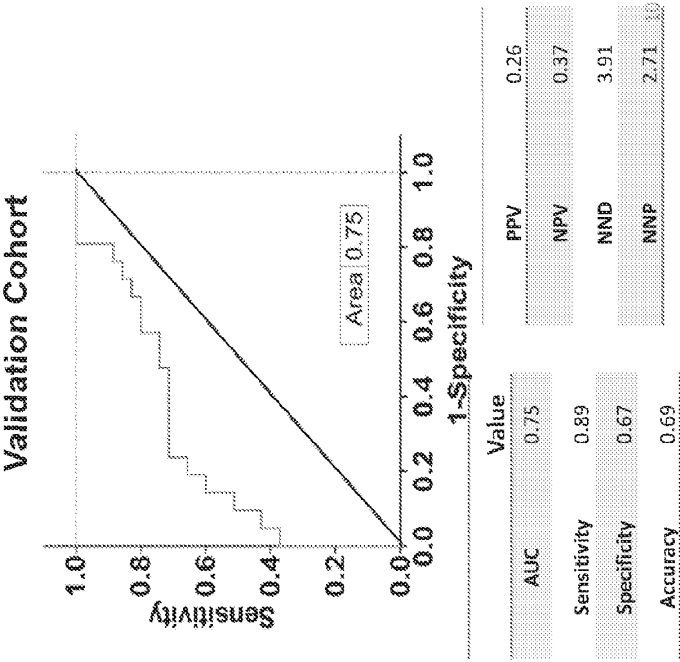


FIG. 8C

Validation Cohort
Responder to Liraglutide

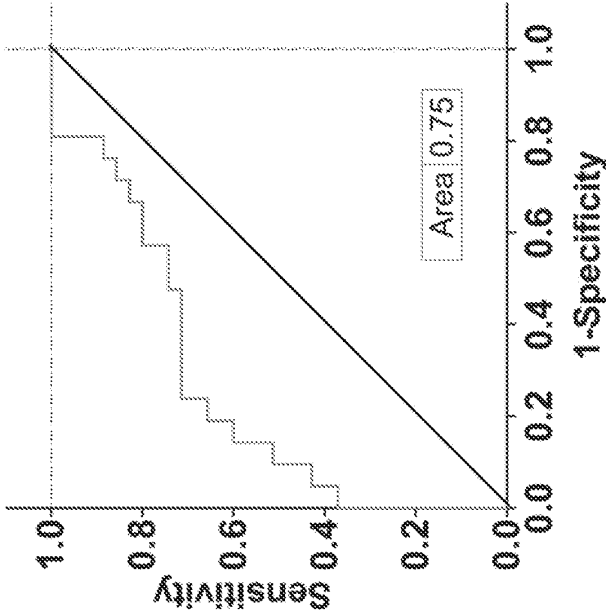


FIG. 8D

Training Cohort
Responder to Placebo

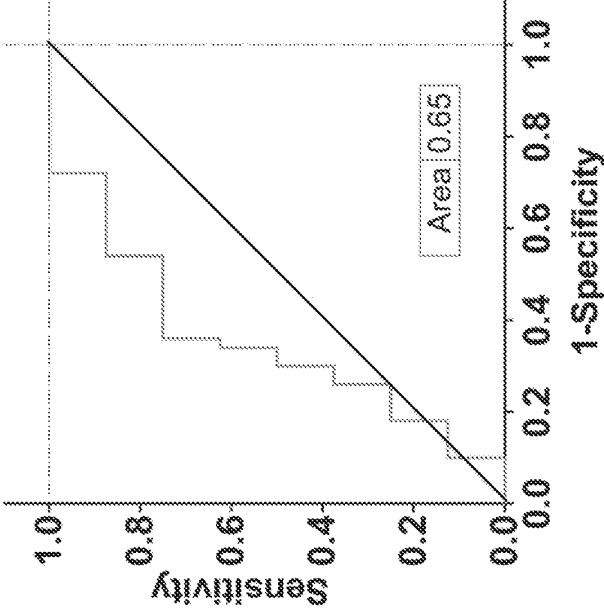


FIG. 9A

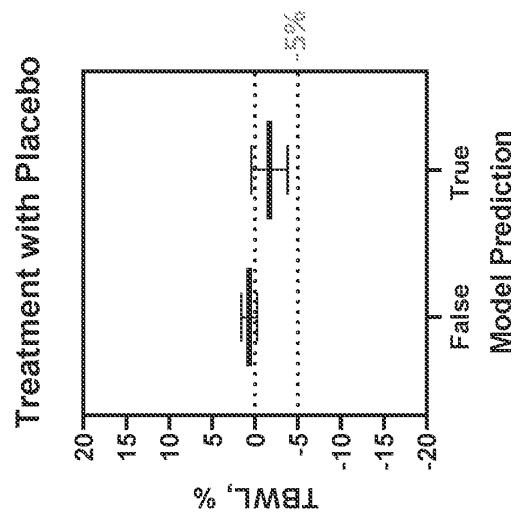


FIG. 9B

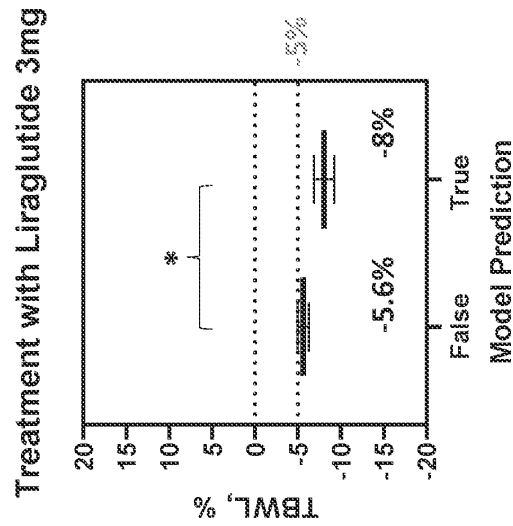


FIG. 10A

Data Collection: Deep Phenotyping Testing

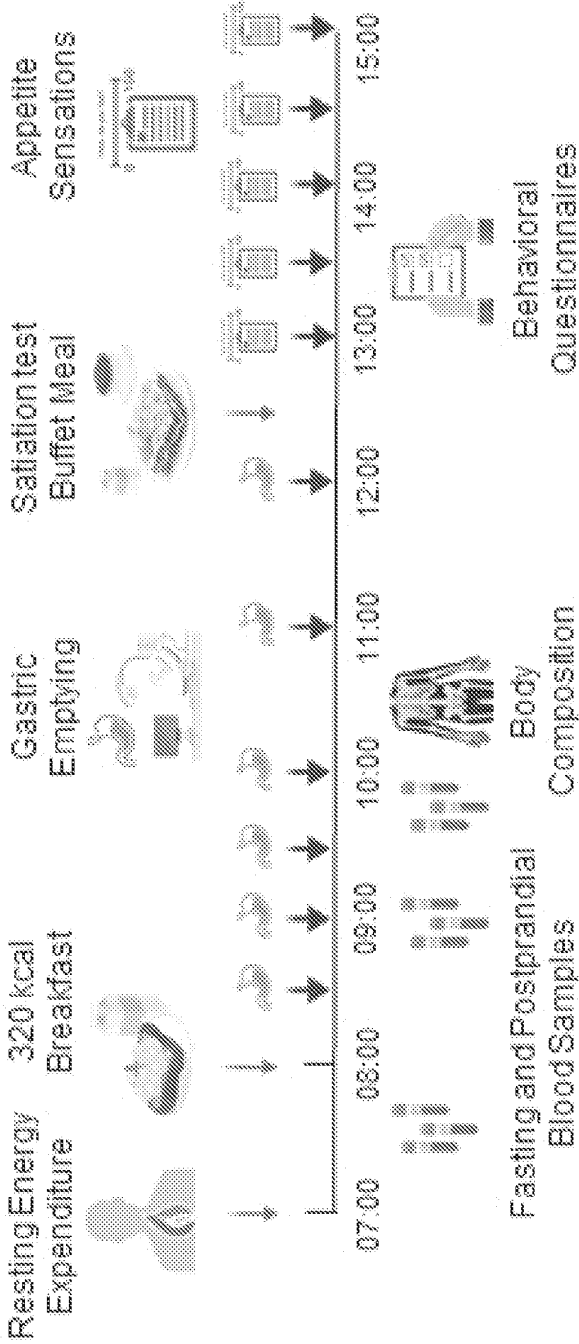


FIG. 10B

Feature extraction: Characterization of Satiation

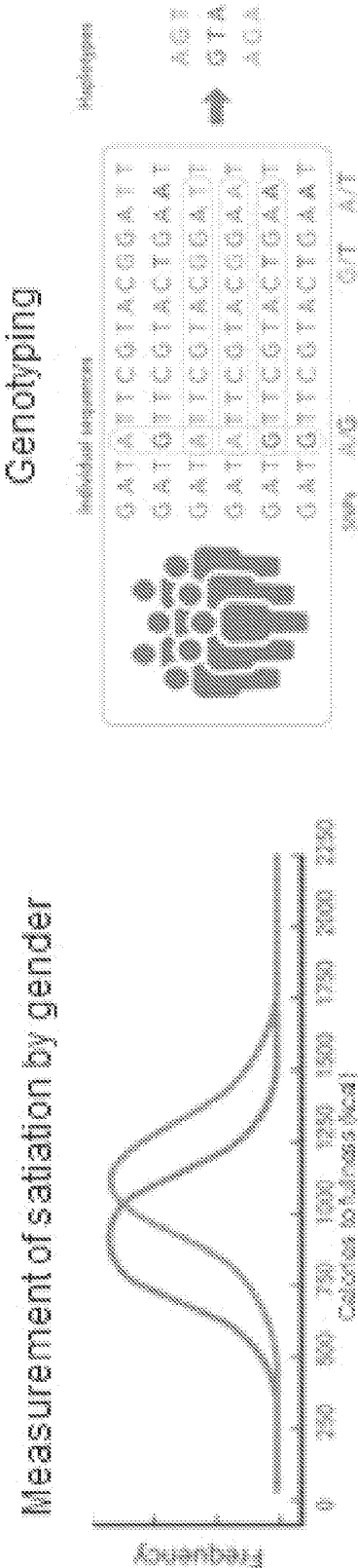


FIG. 10C

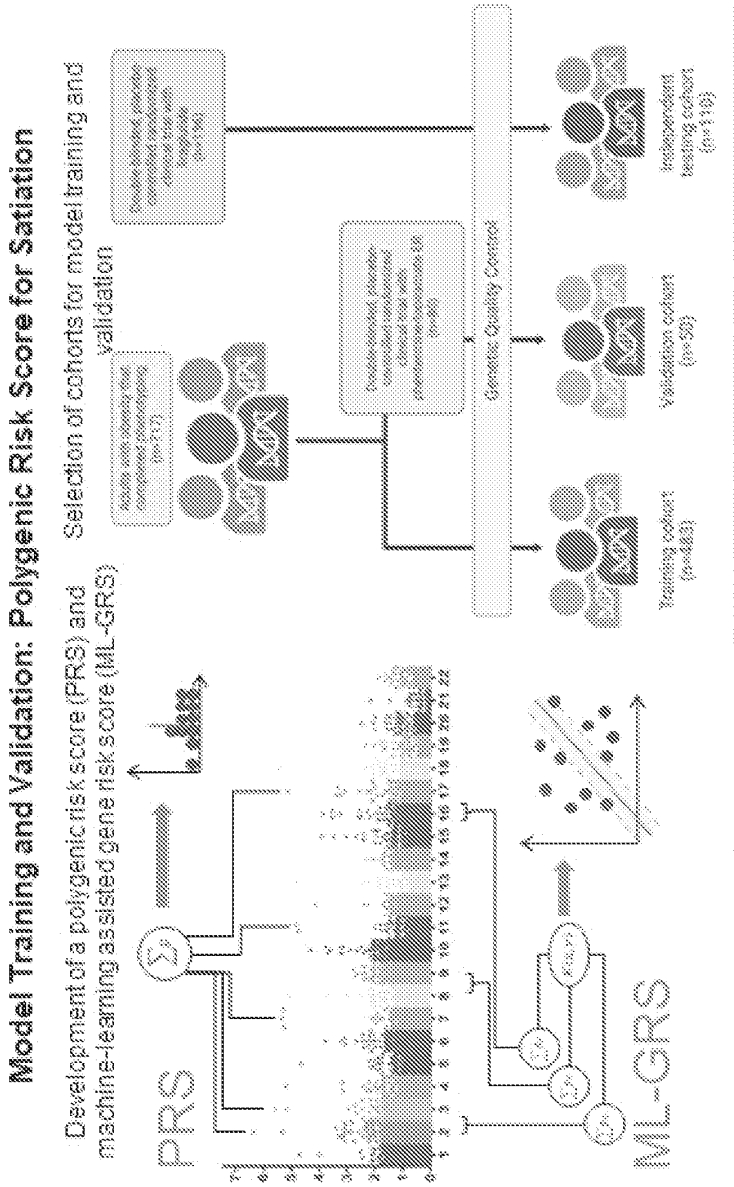


FIG. 10D

Model Extrapolation: Predict Weight Loss Outcomes to AOM

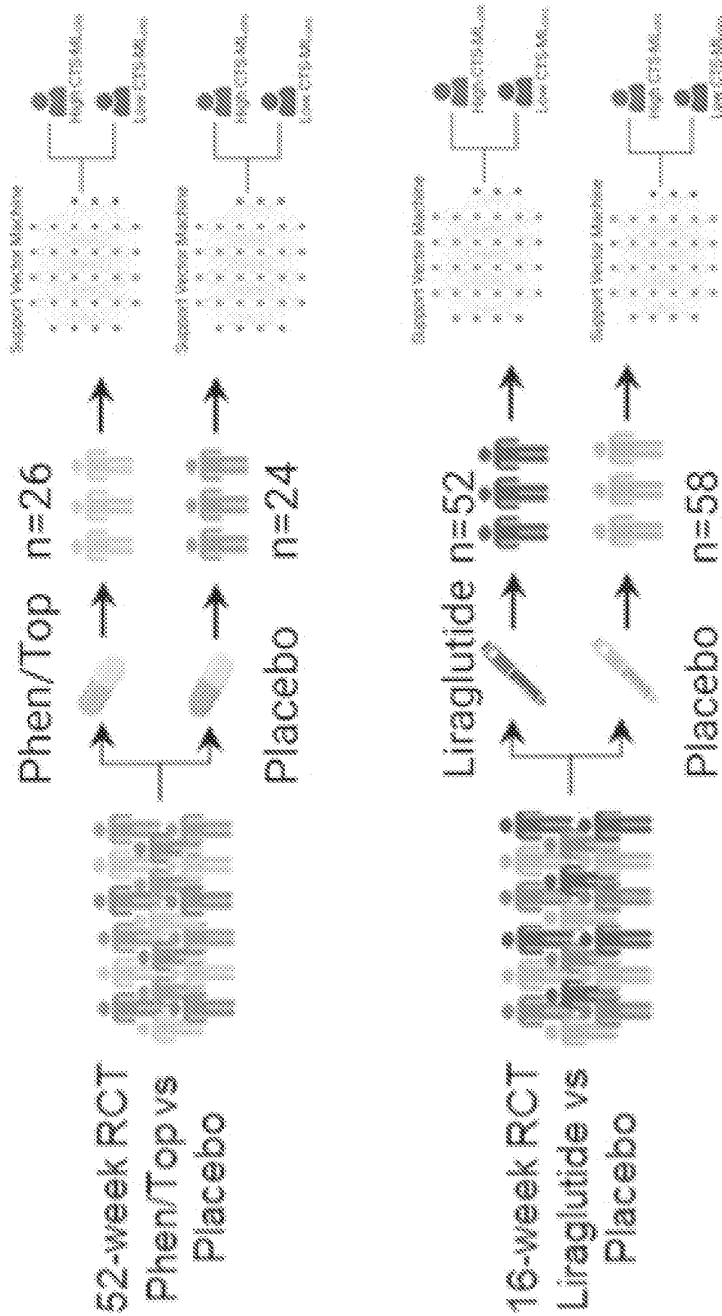


FIG. 11A

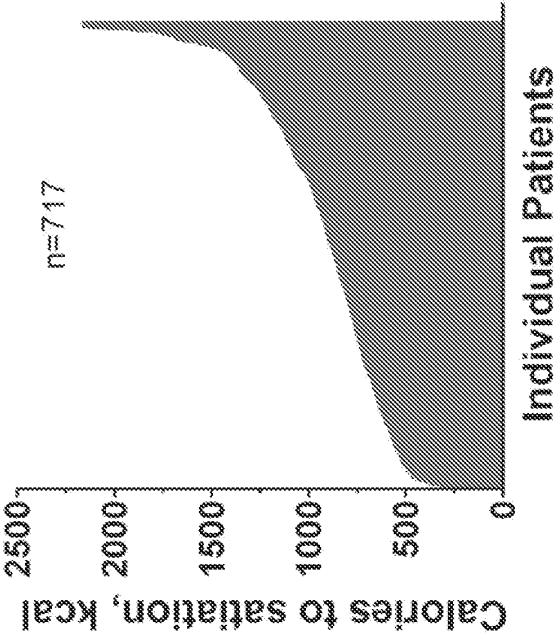


FIG. 11B

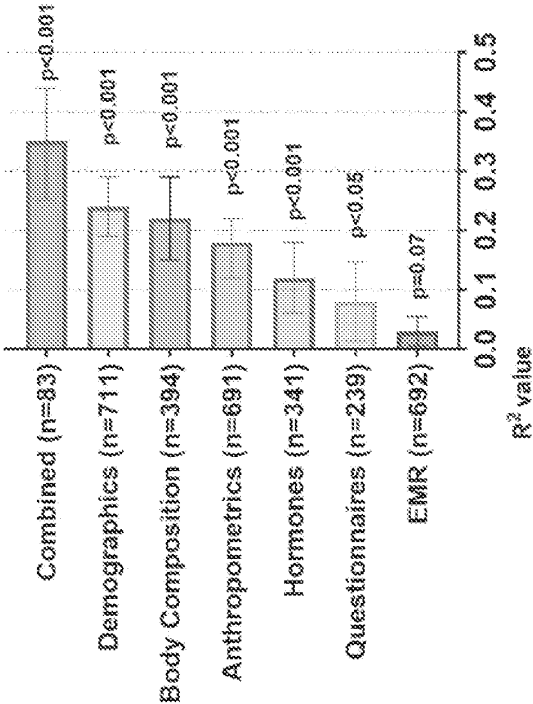


FIG. 11C

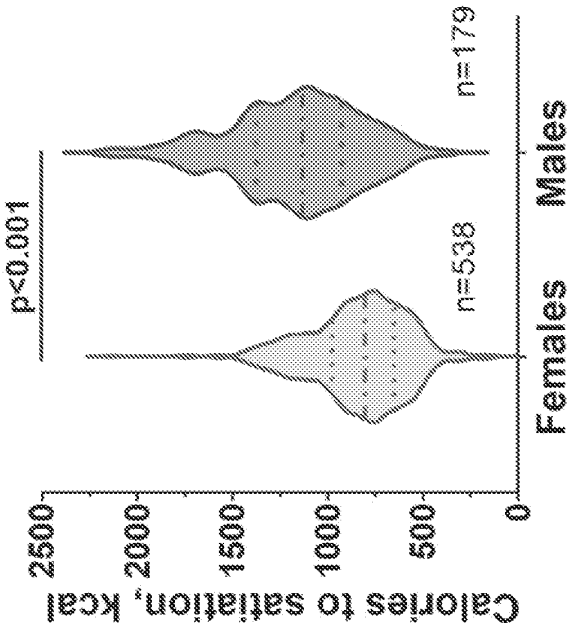


FIG. 11D

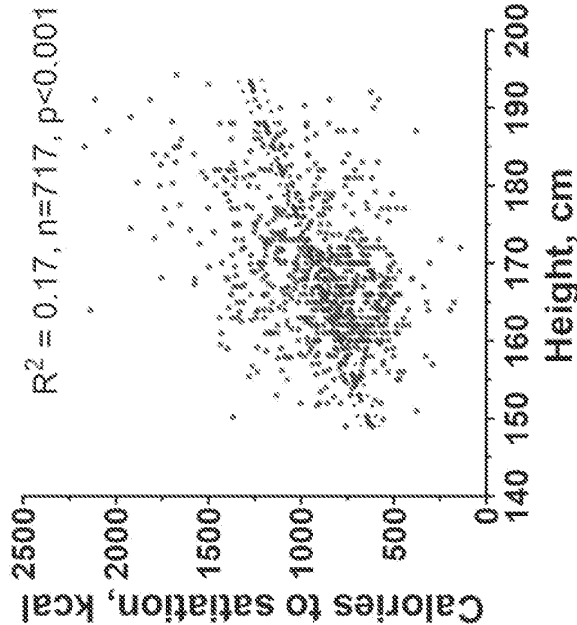


FIG. 11E

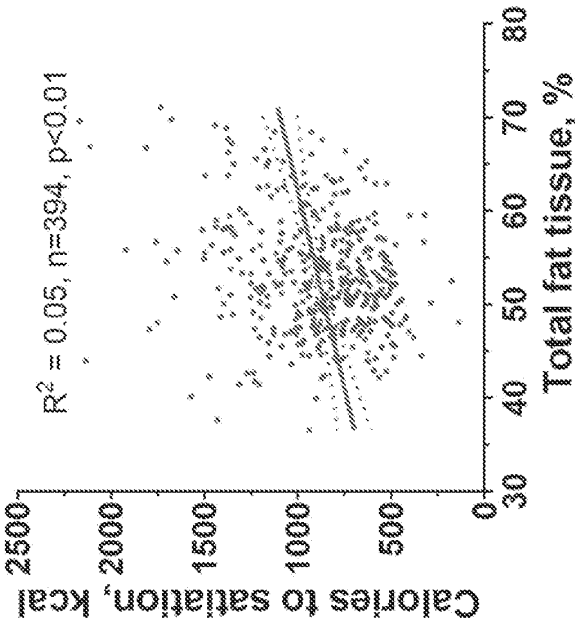


FIG. 11F

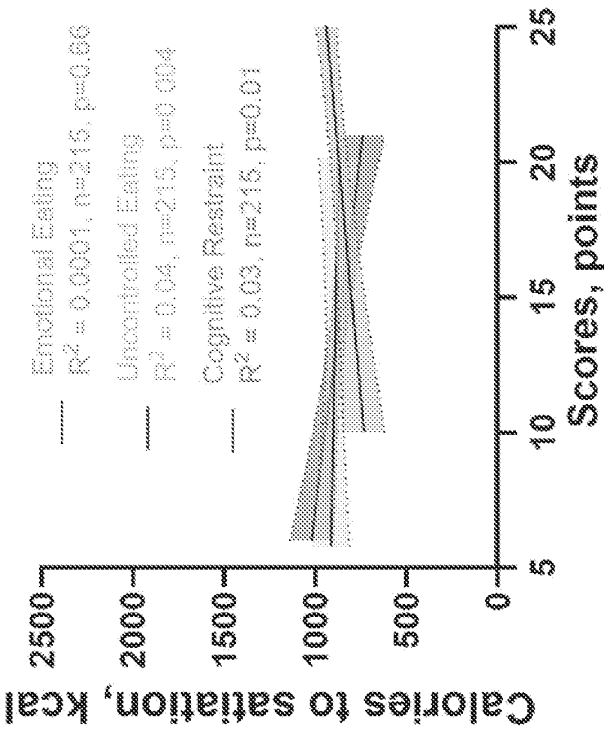


FIG. 12A

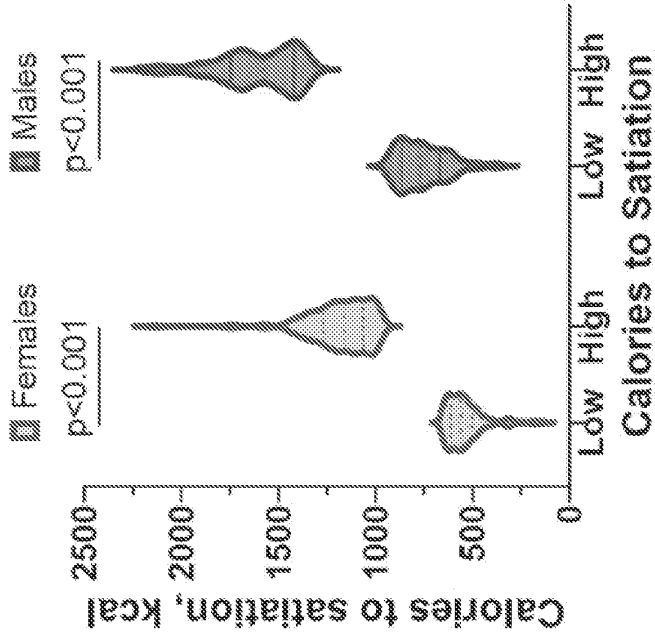


FIG. 12B

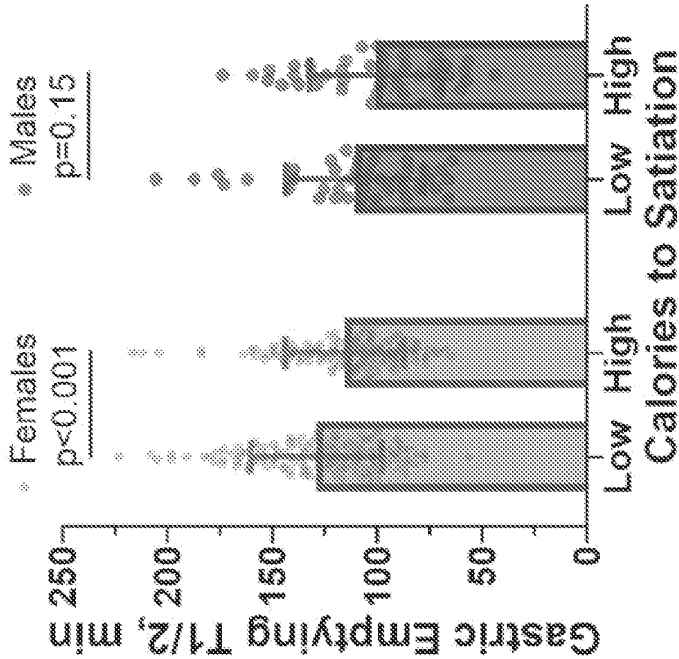


FIG. 12C

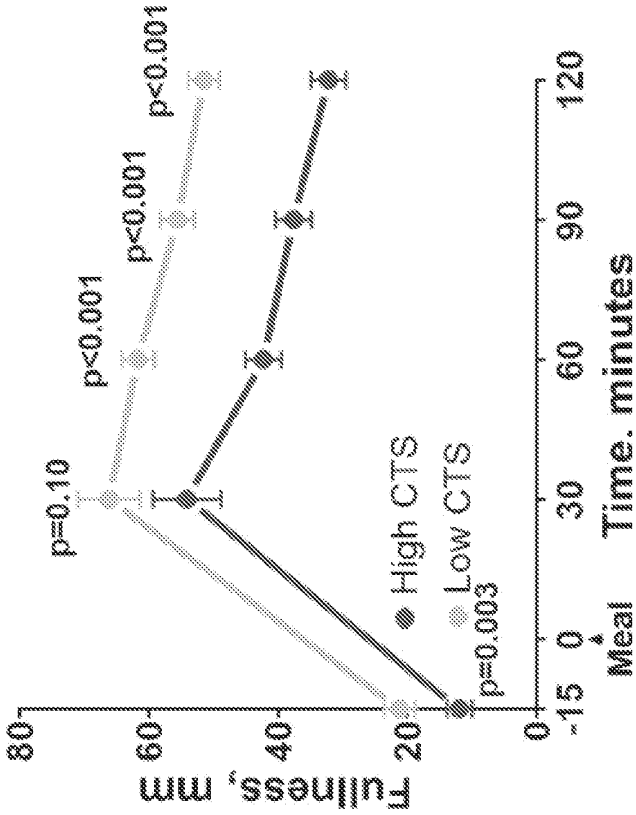


FIG. 12D

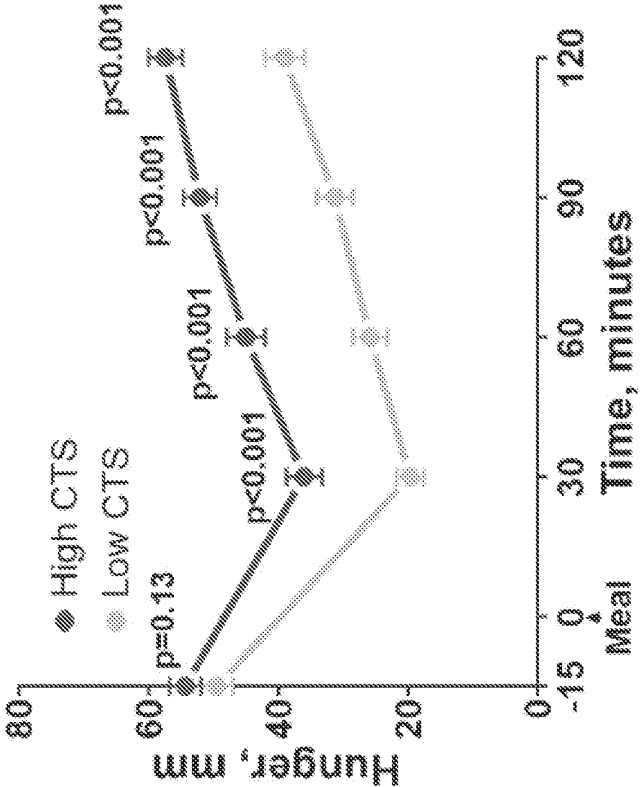


FIG. 12E

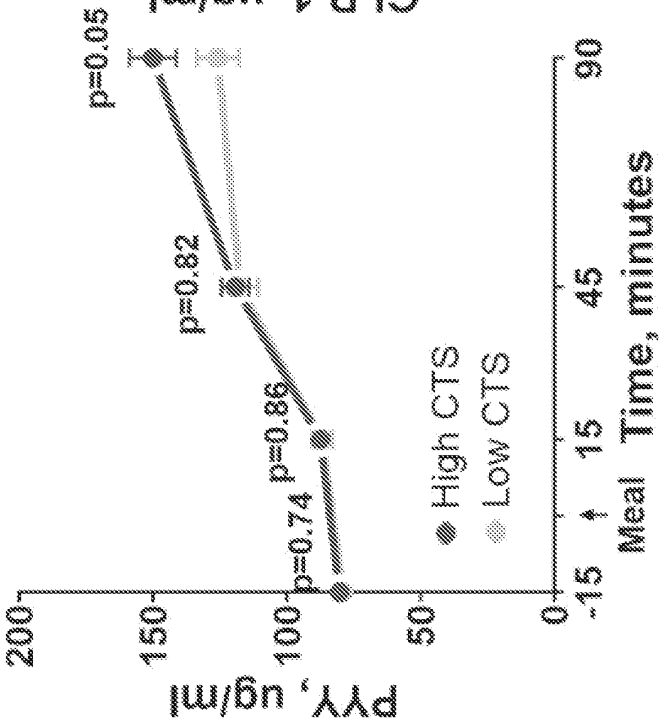


FIG. 12F

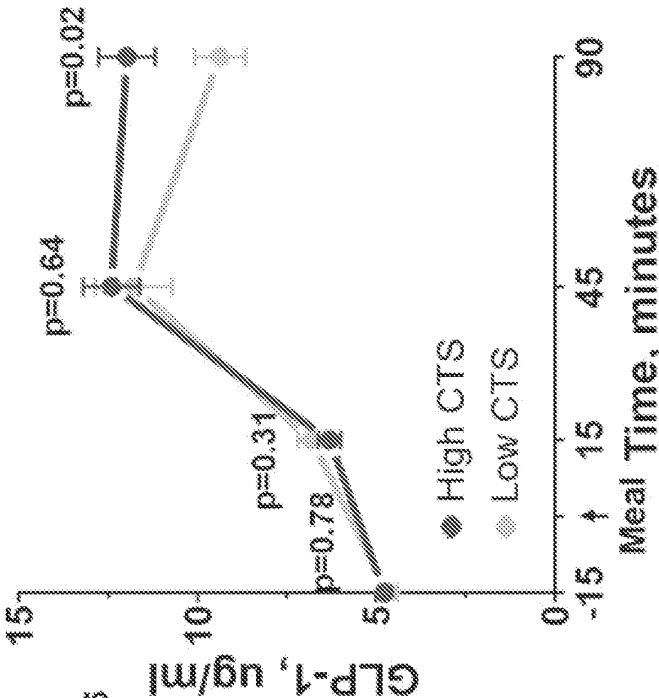


FIG. 12G

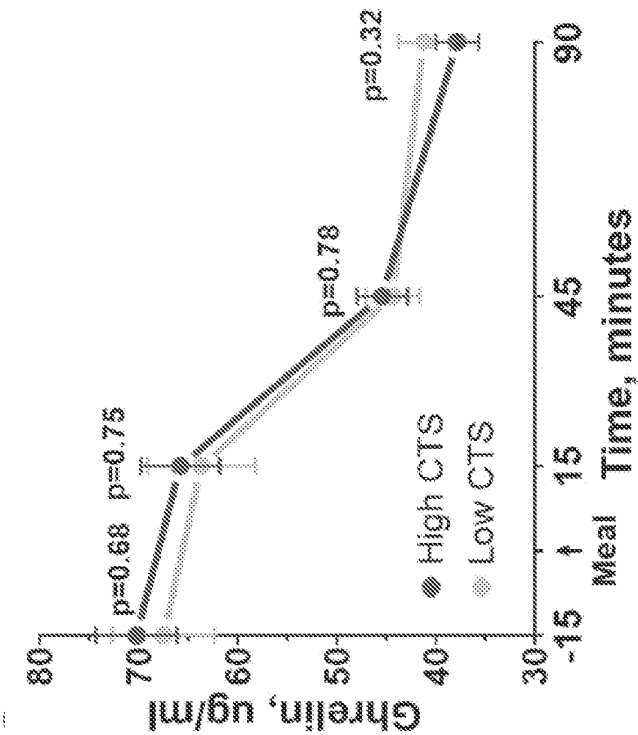


FIG. 12H

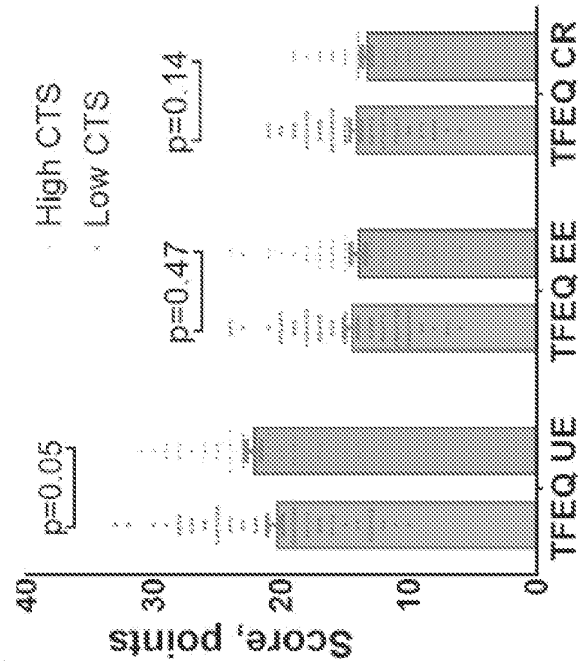
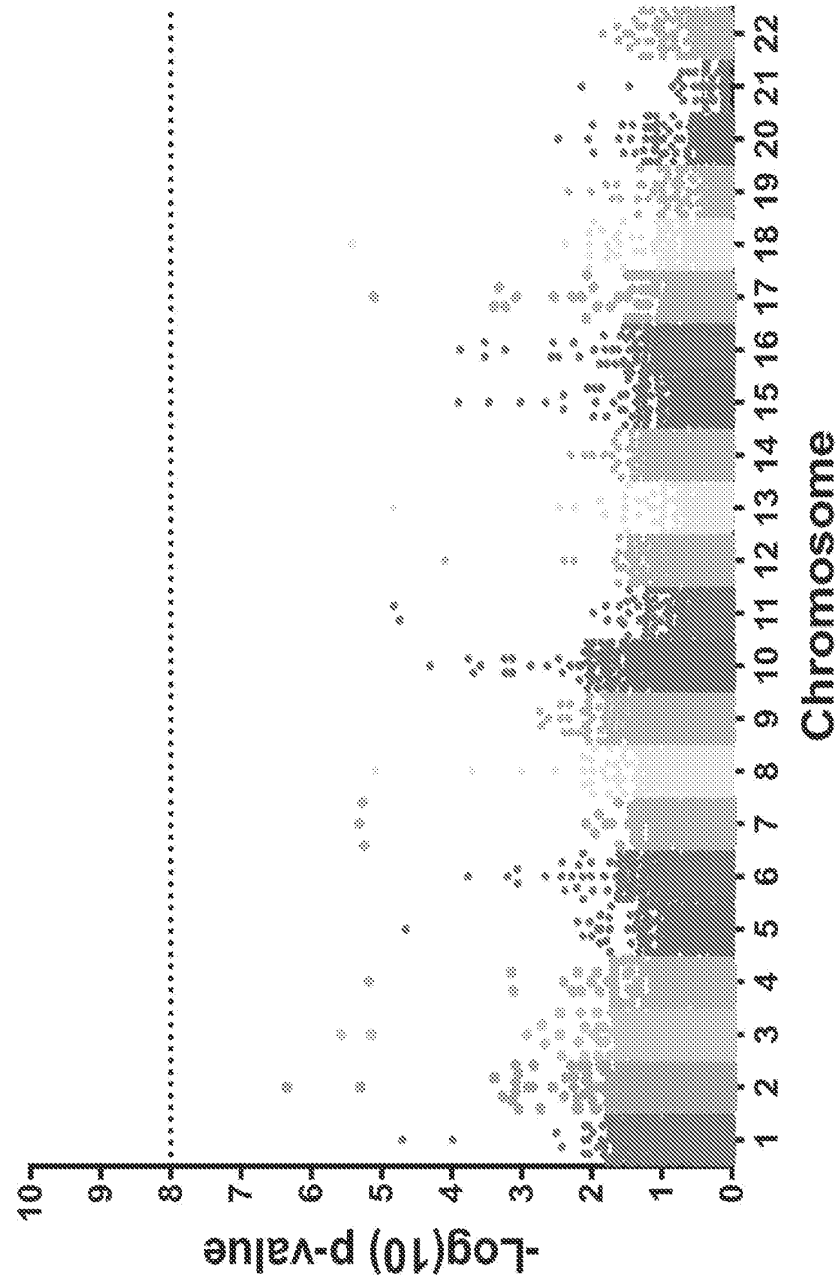


FIG. 13A



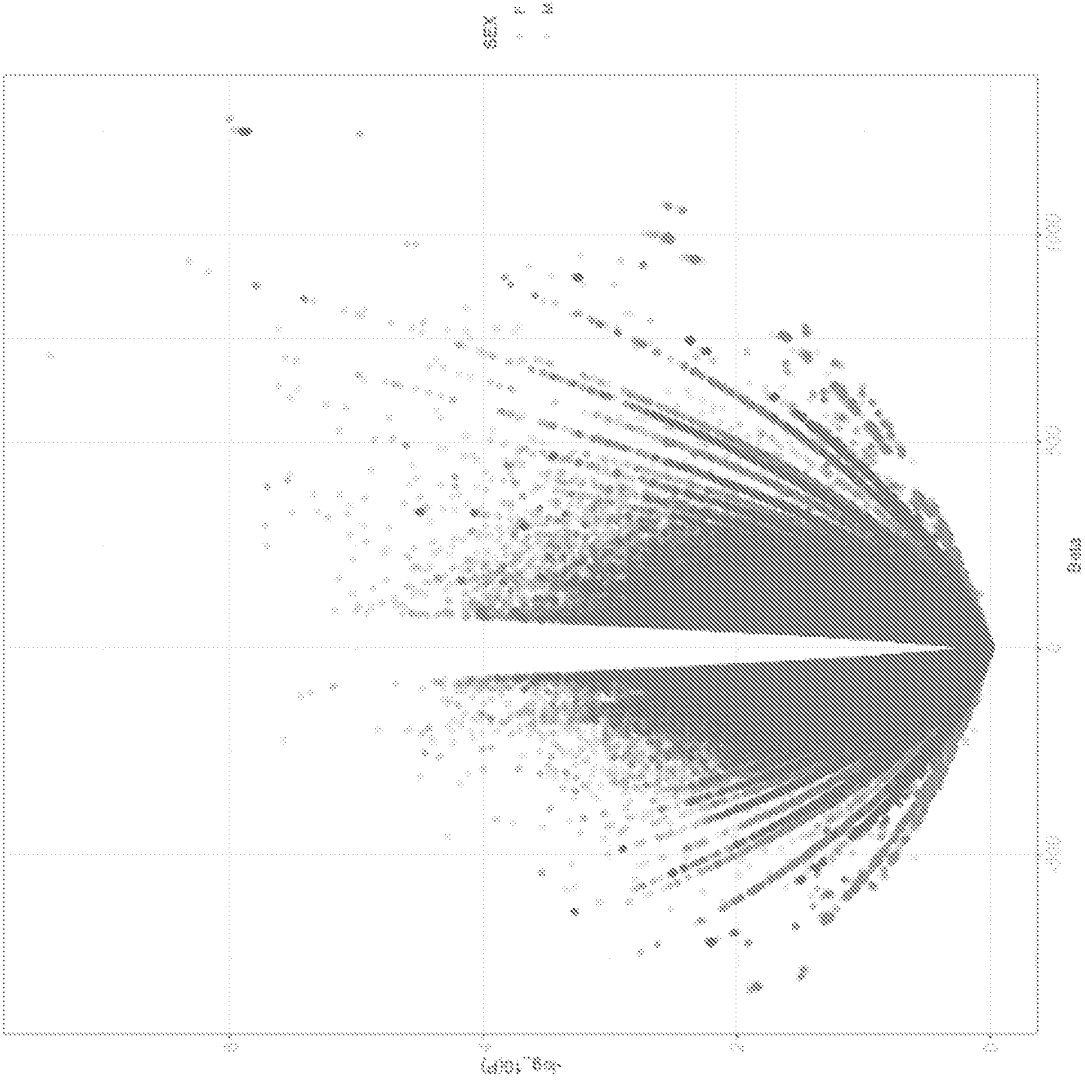


FIG. 13B

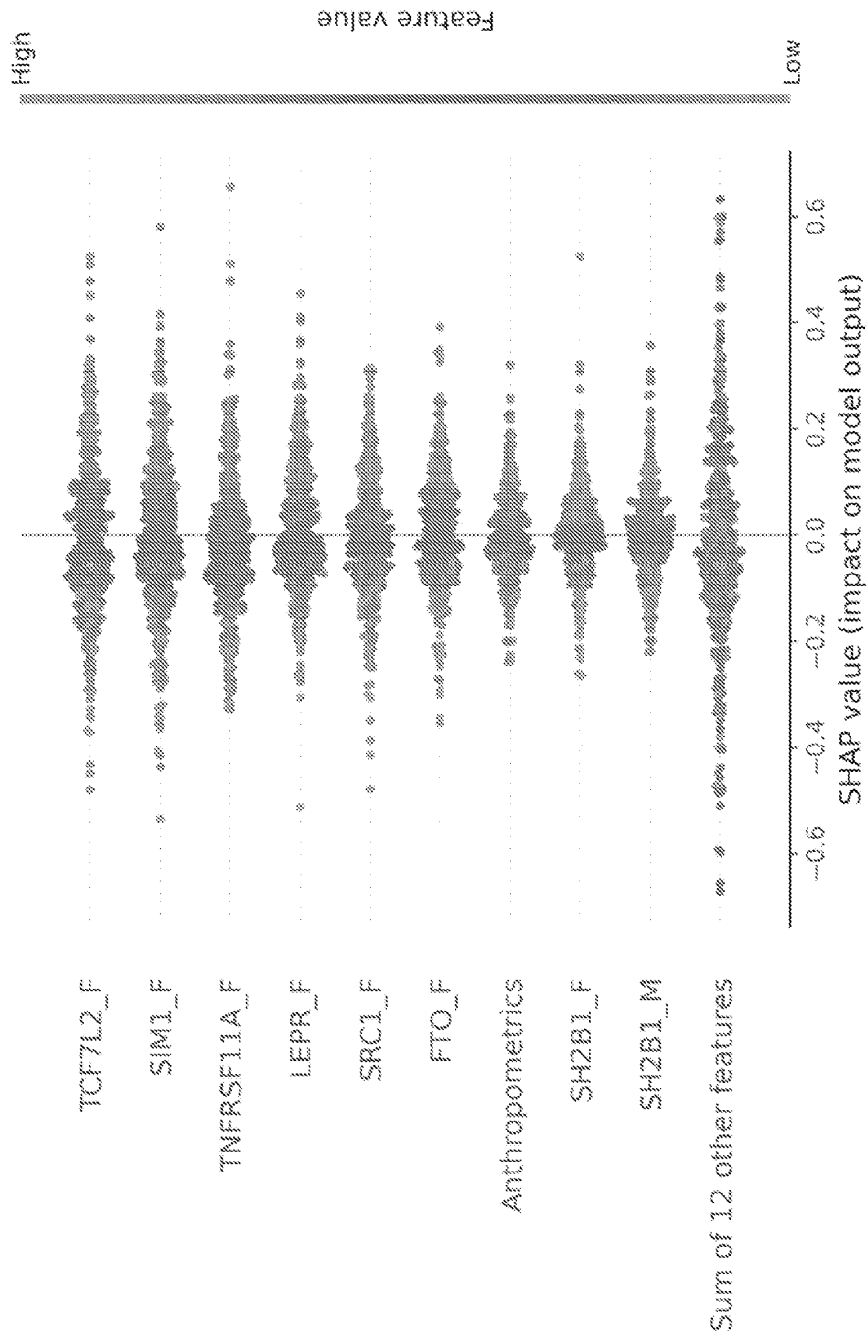


FIG. 13C

FIG. 14B

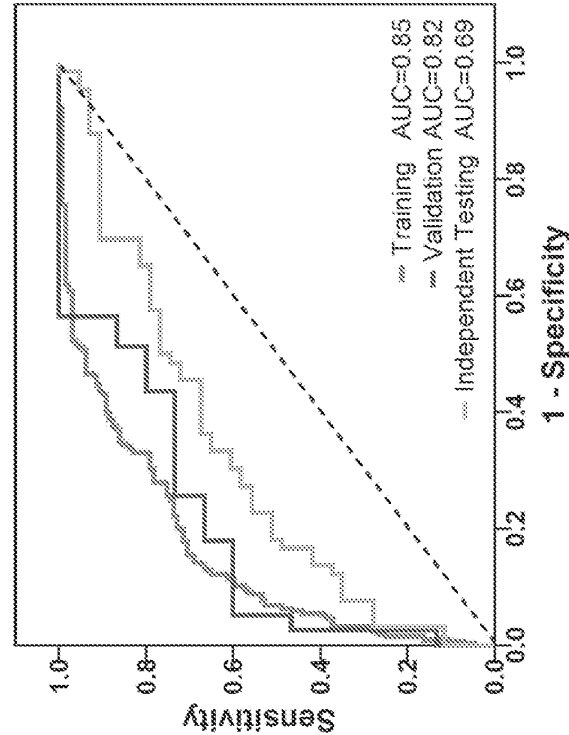


FIG. 14A

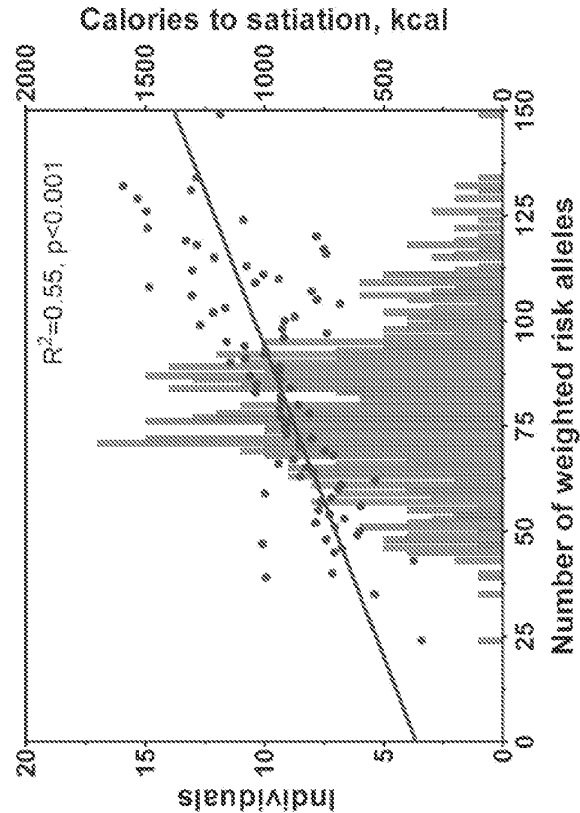


FIG. 14E

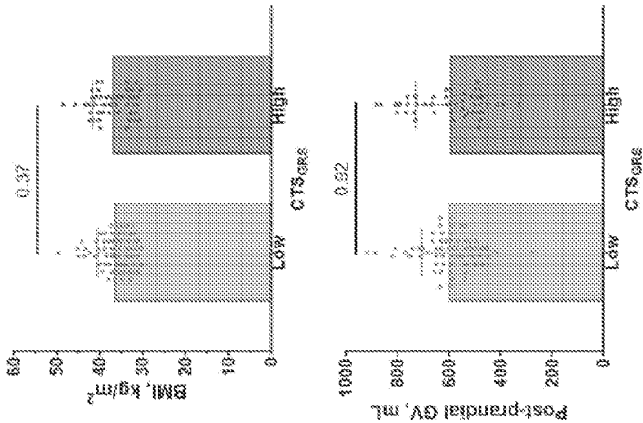


FIG. 14D

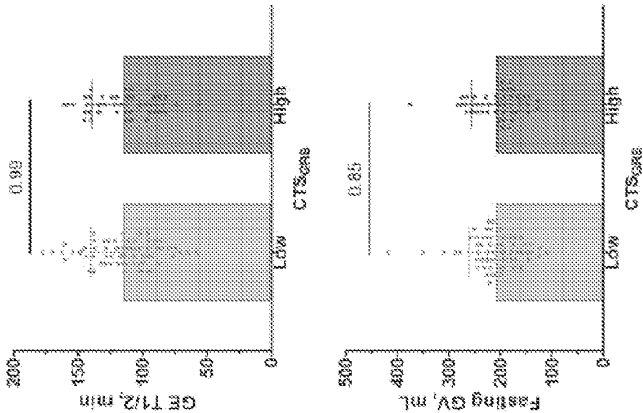


FIG. 14G

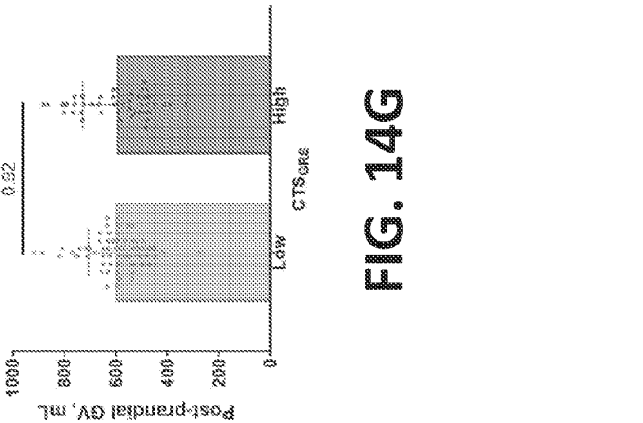


FIG. 14F

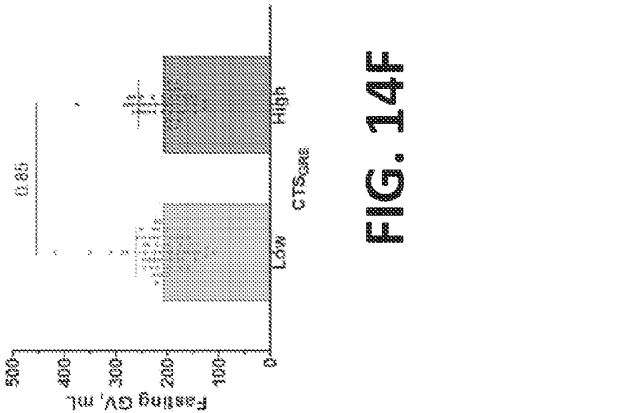


FIG. 14C

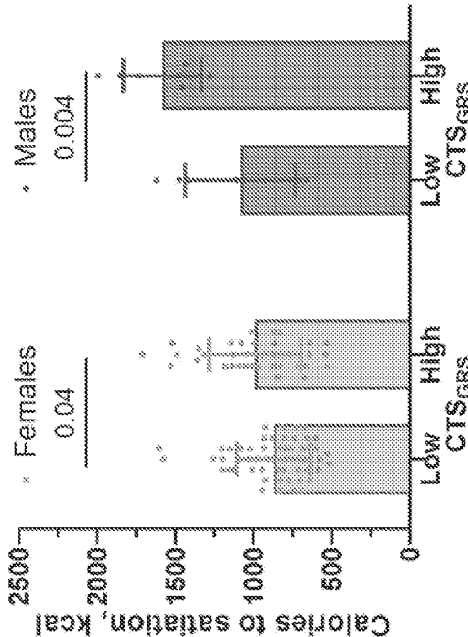
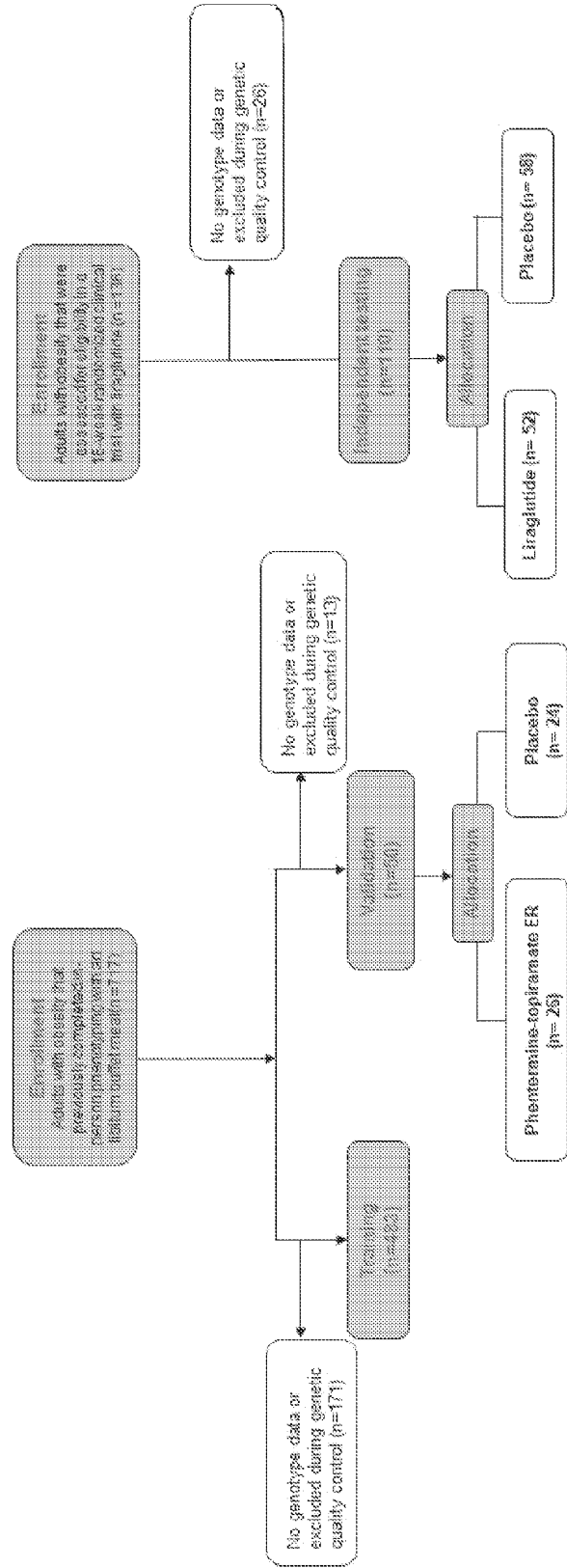
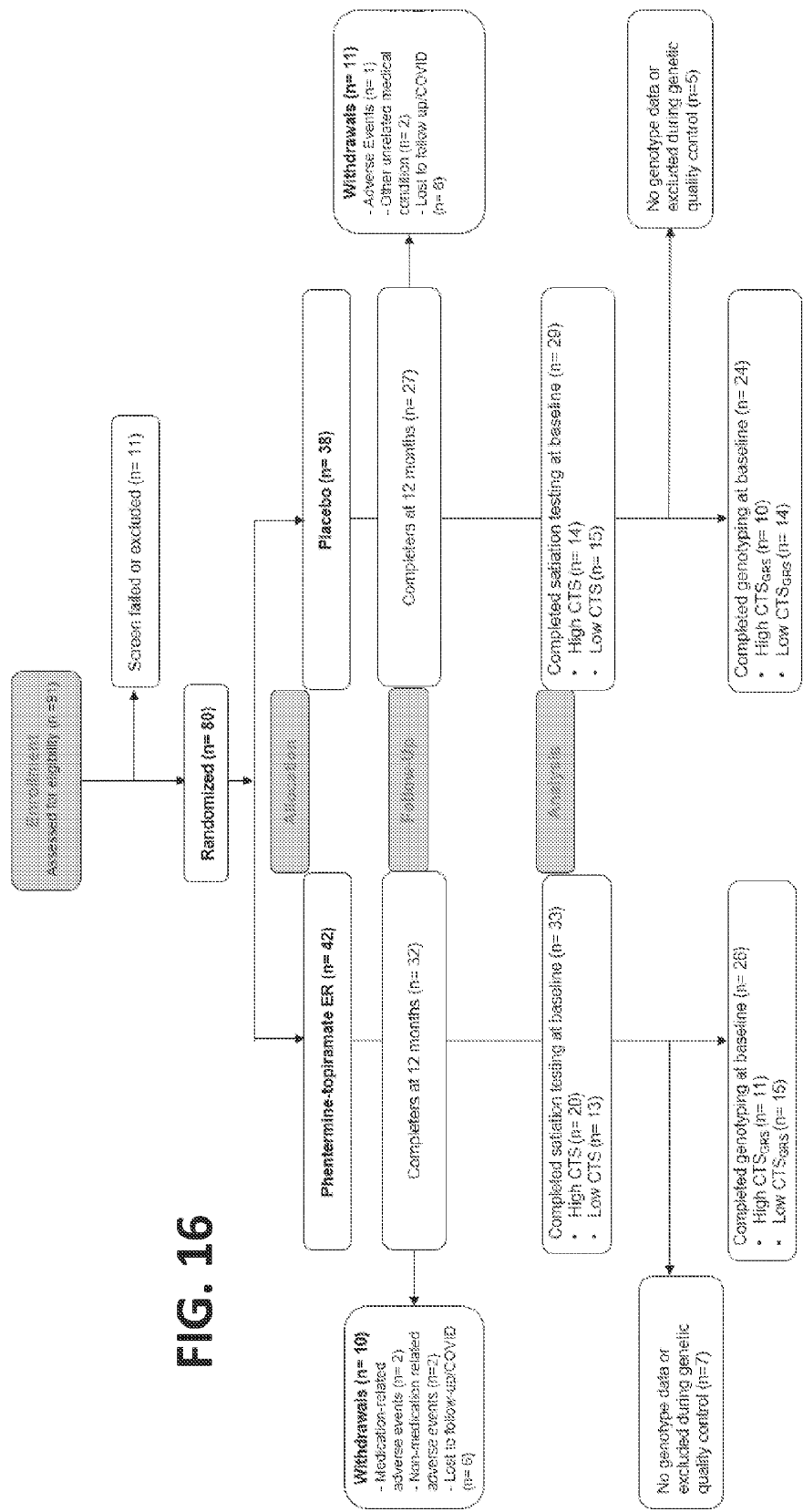


FIG. 15





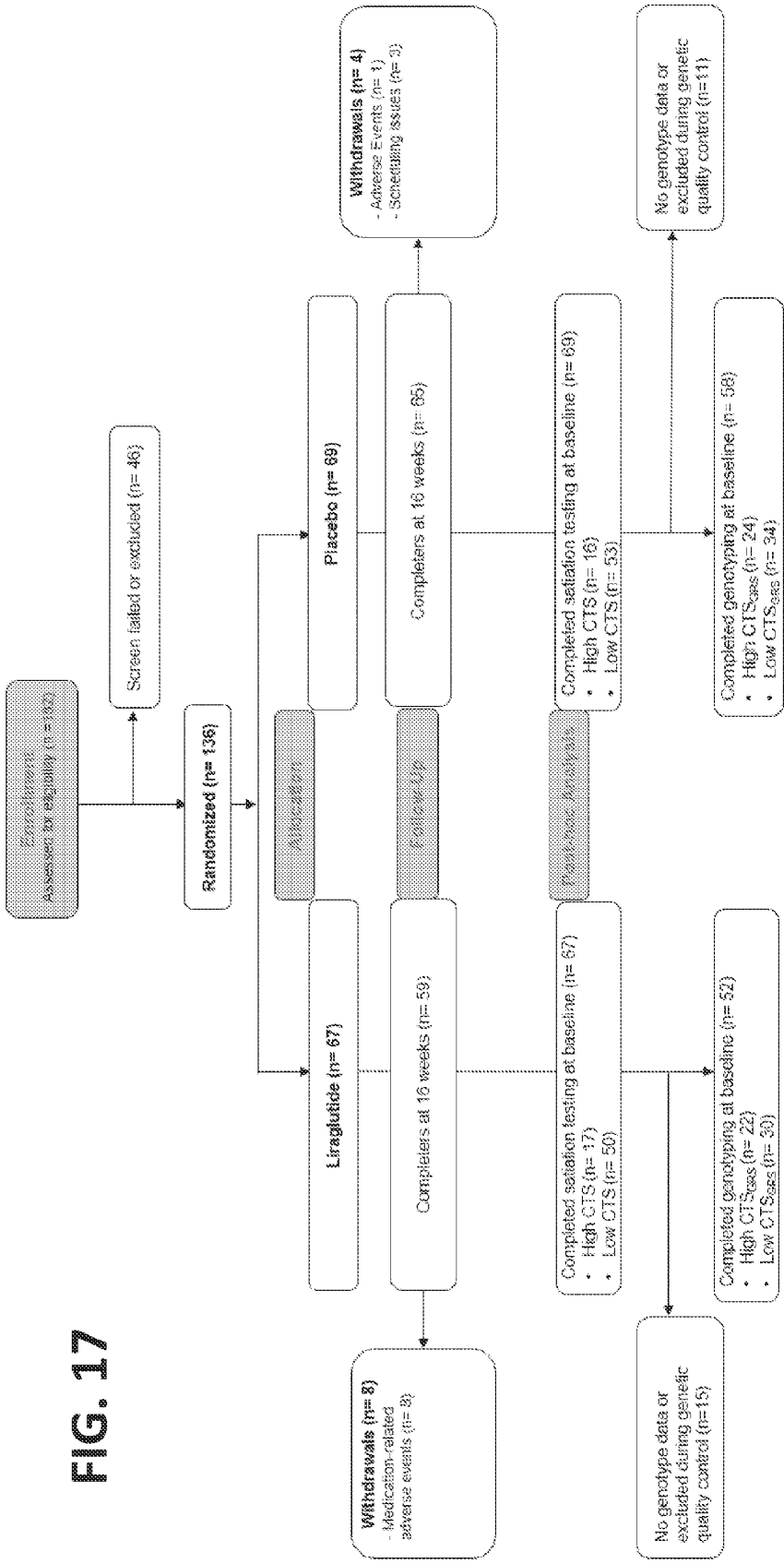


FIG. 17

FIG. 18A

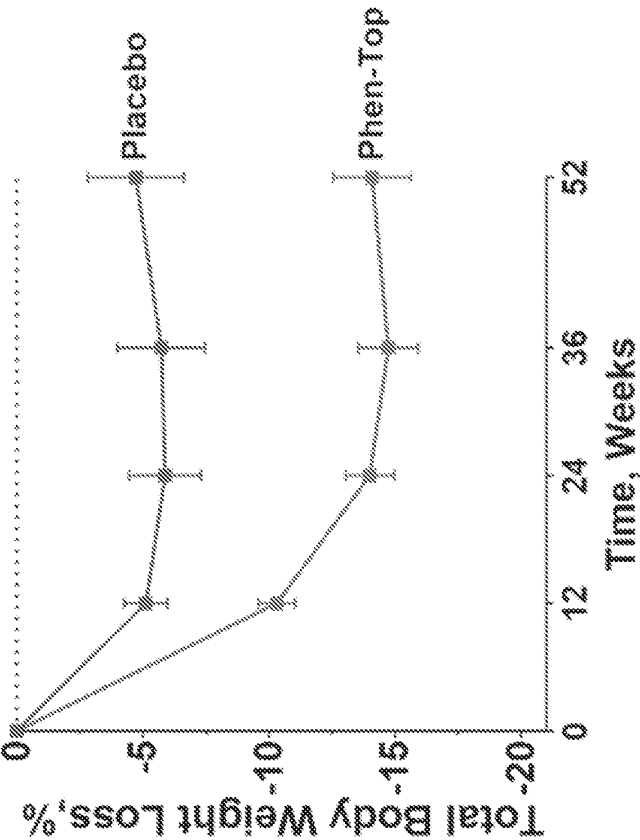


FIG. 18B

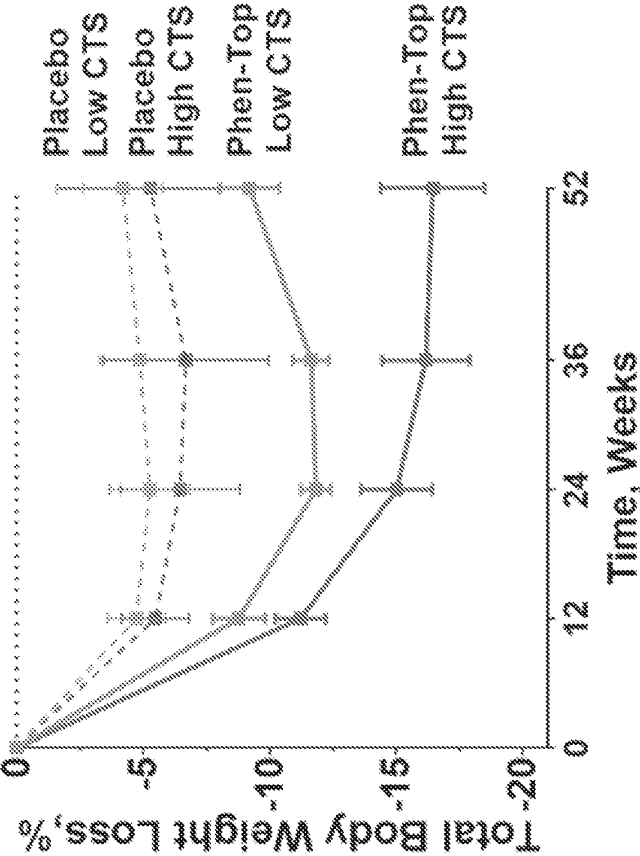


FIG. 18C

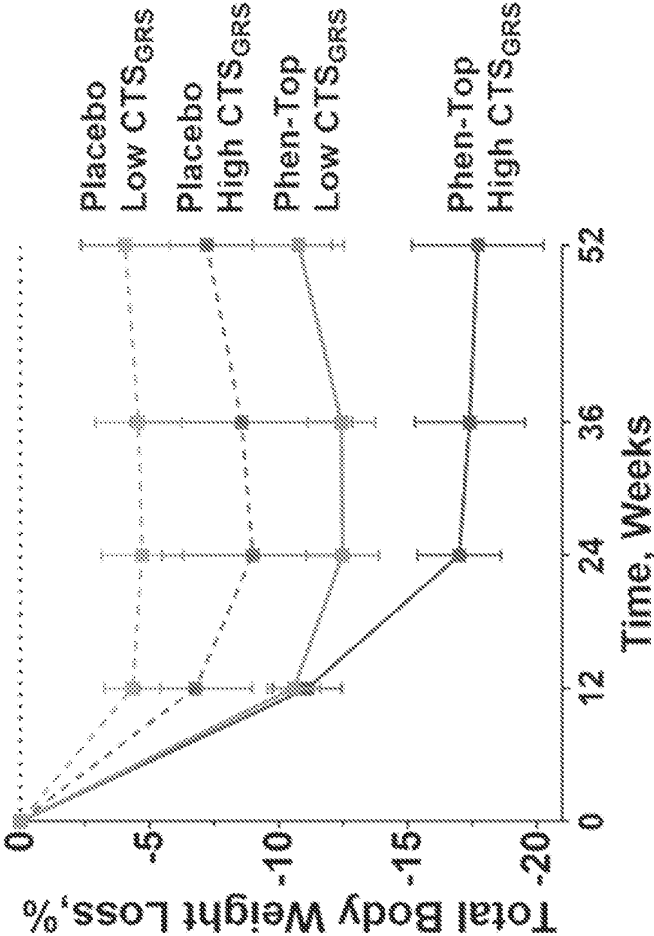


FIG. 18D

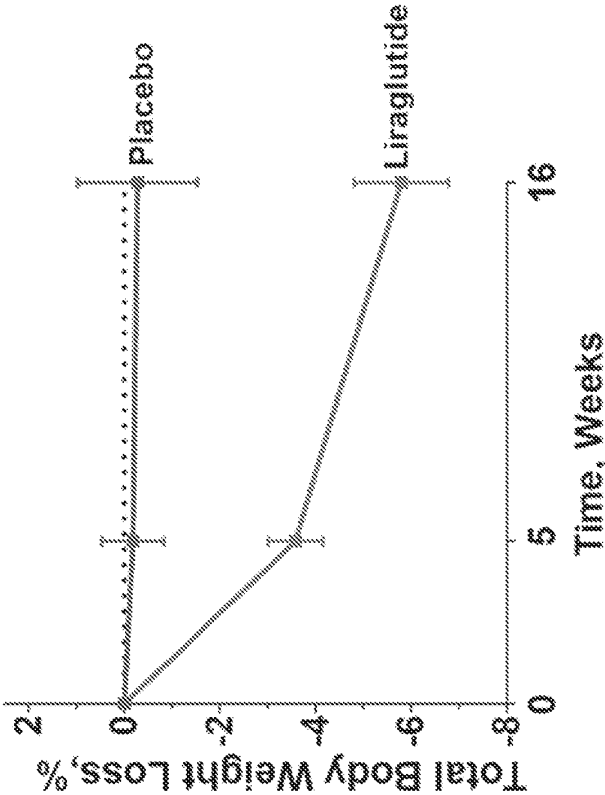


FIG. 18E

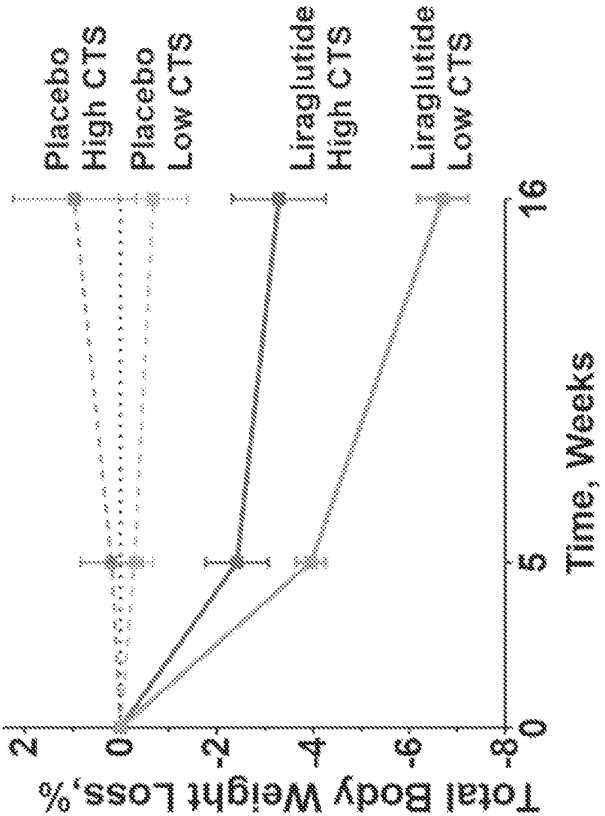


FIG. 18F

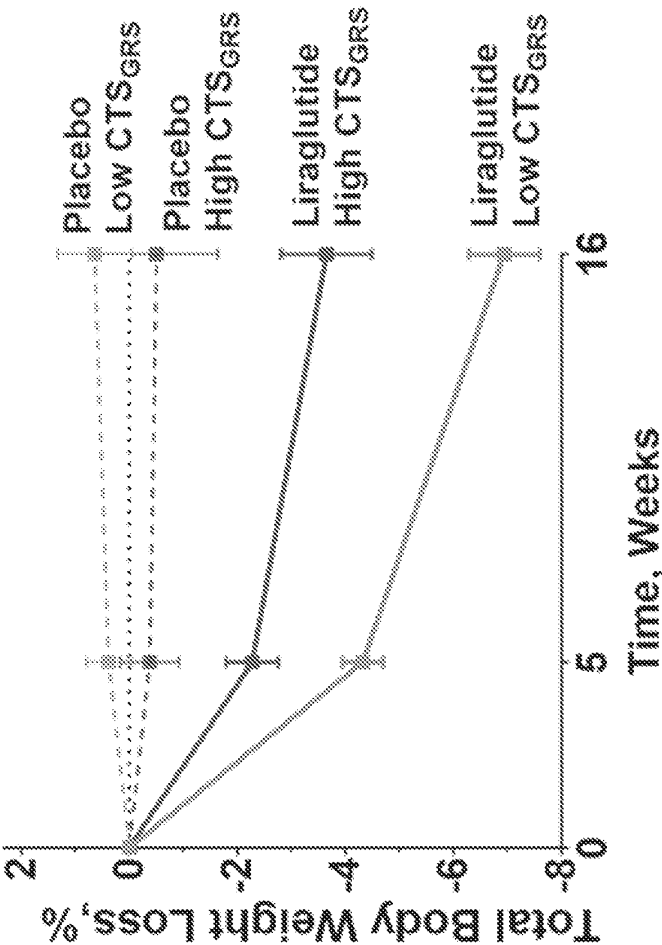


FIG. 19A

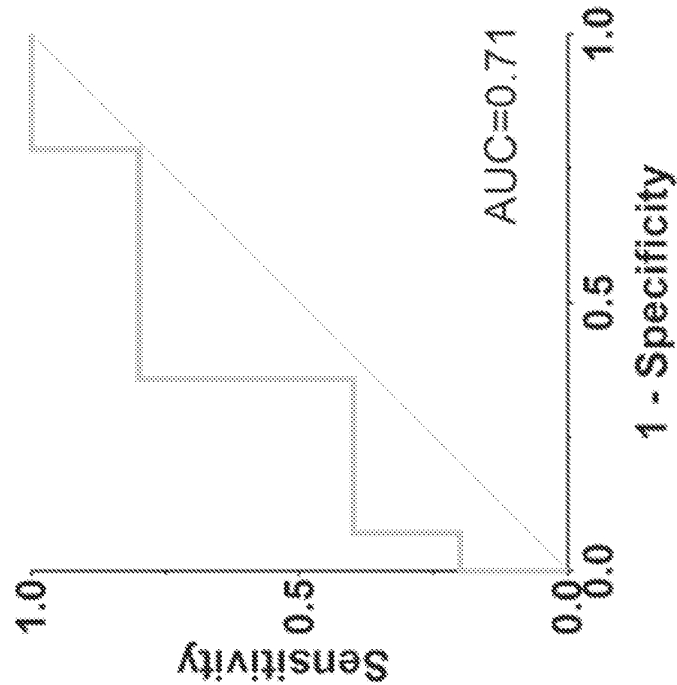


FIG. 19B

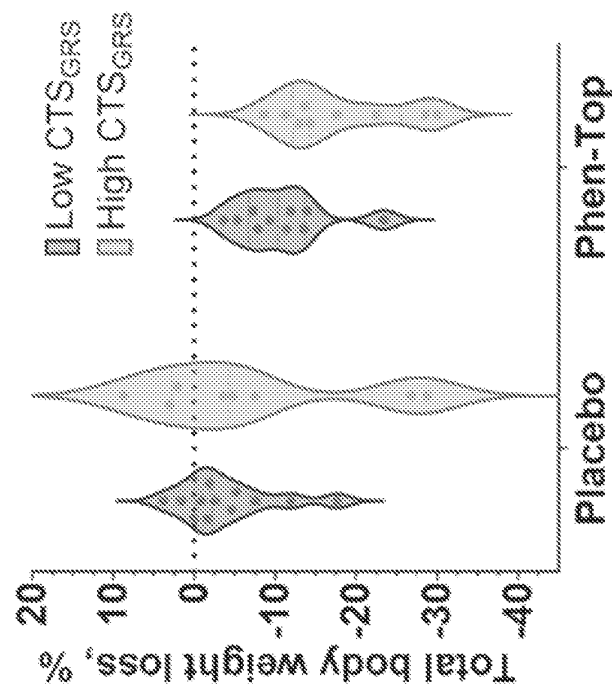


FIG. 19C

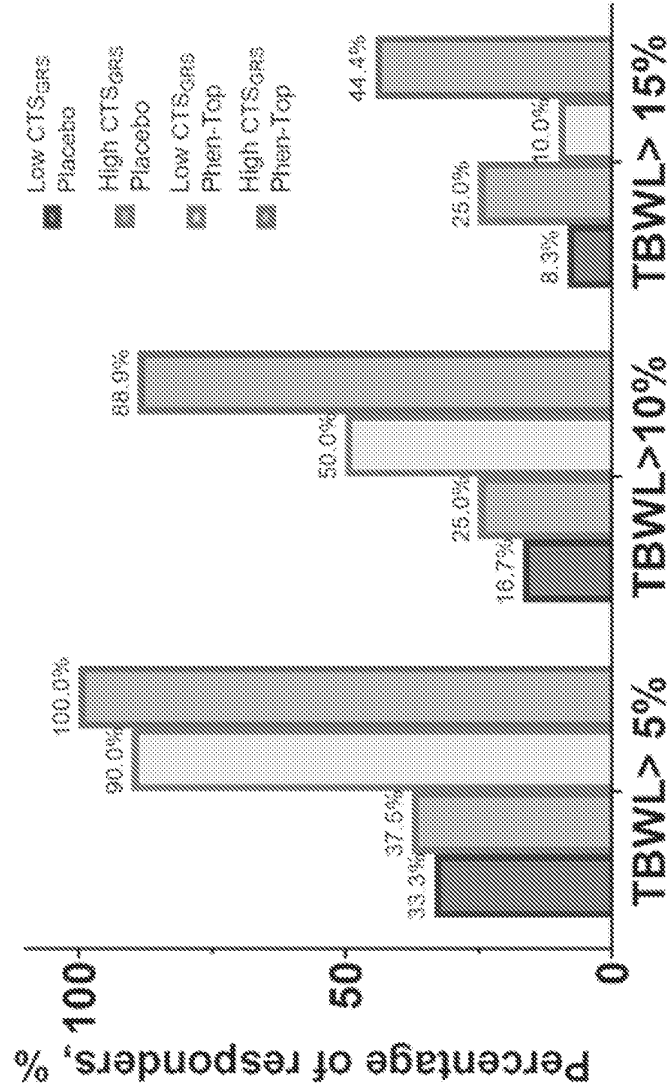


FIG. 20A

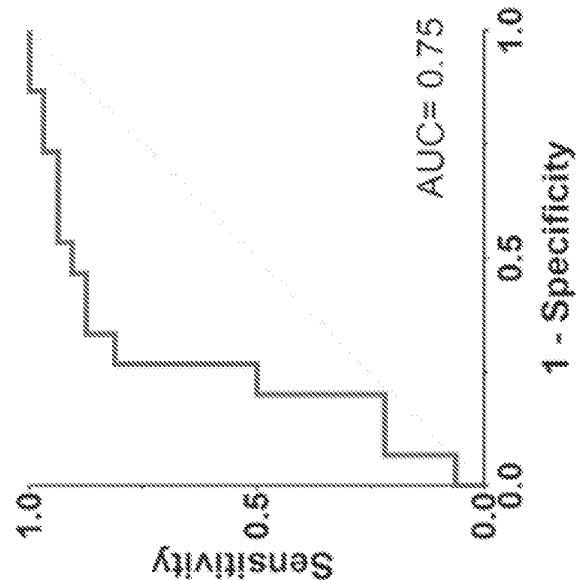


FIG. 20B

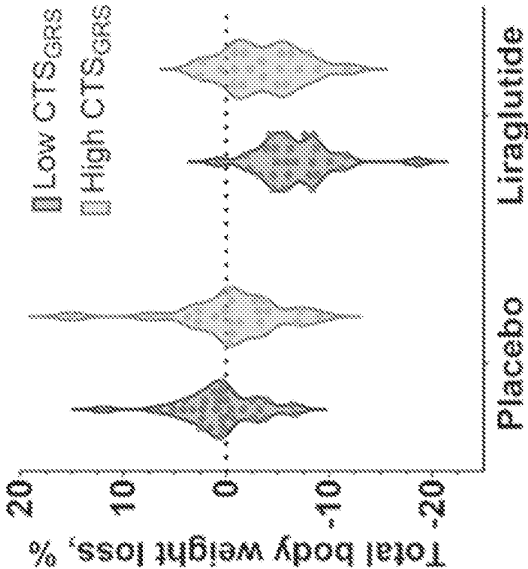


FIG. 20C

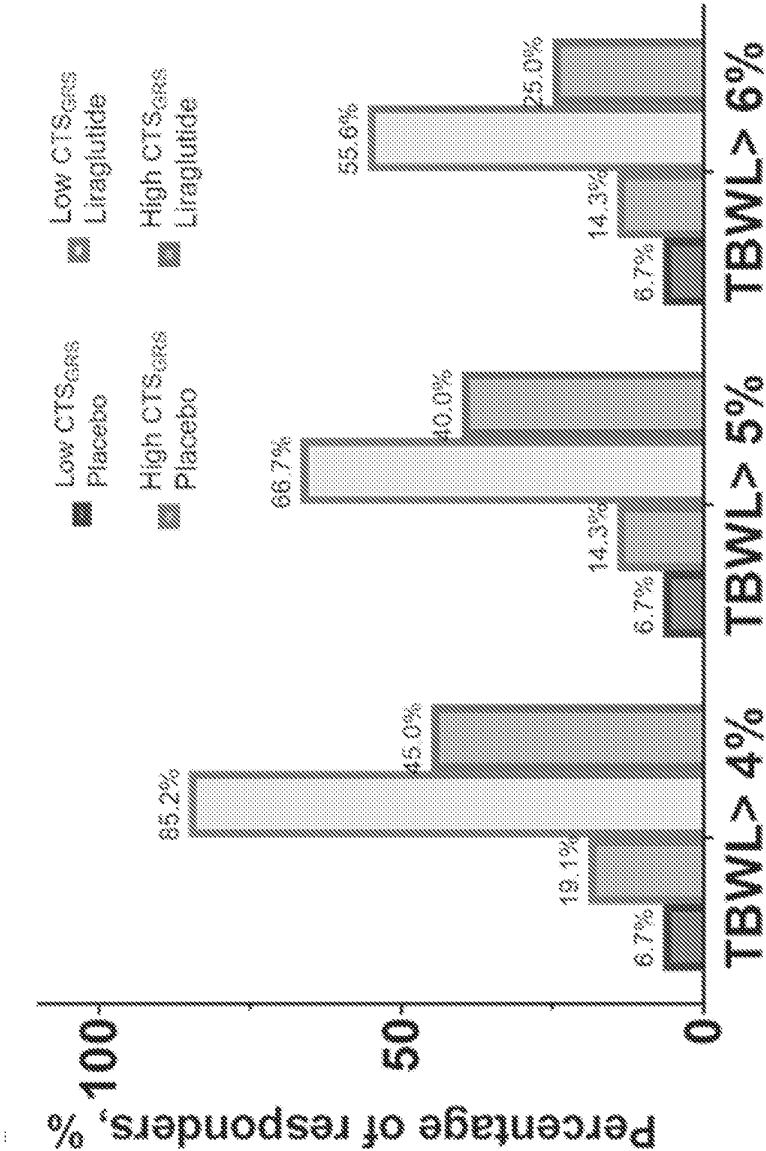


FIG. 21A

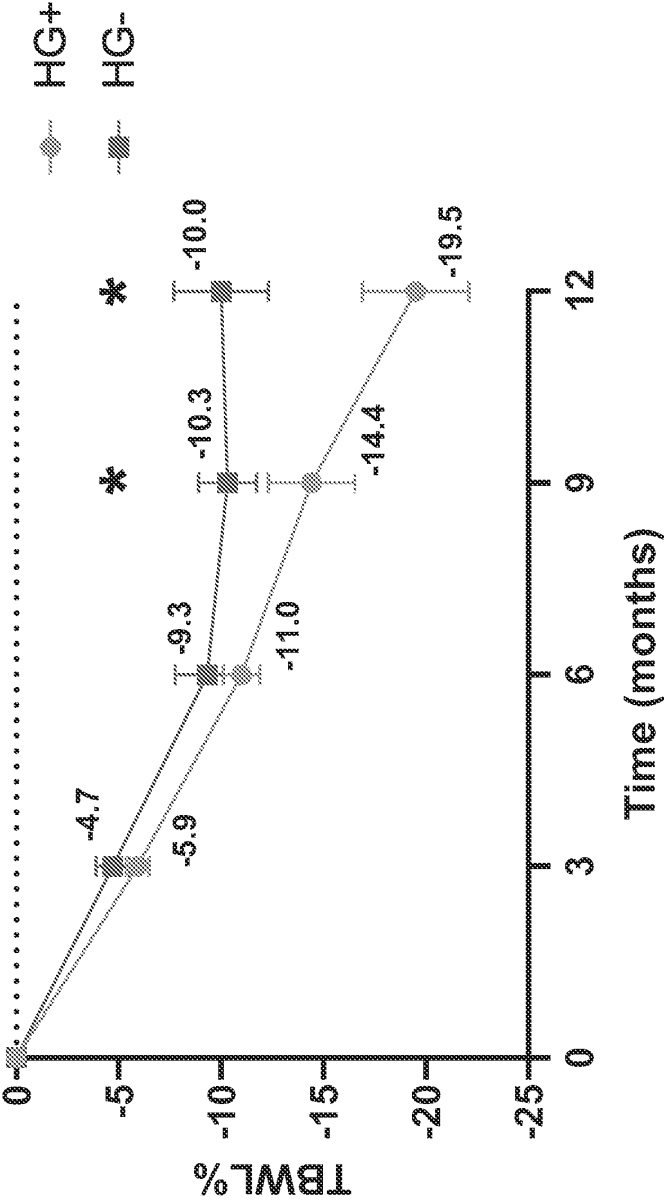


FIG. 21B

