

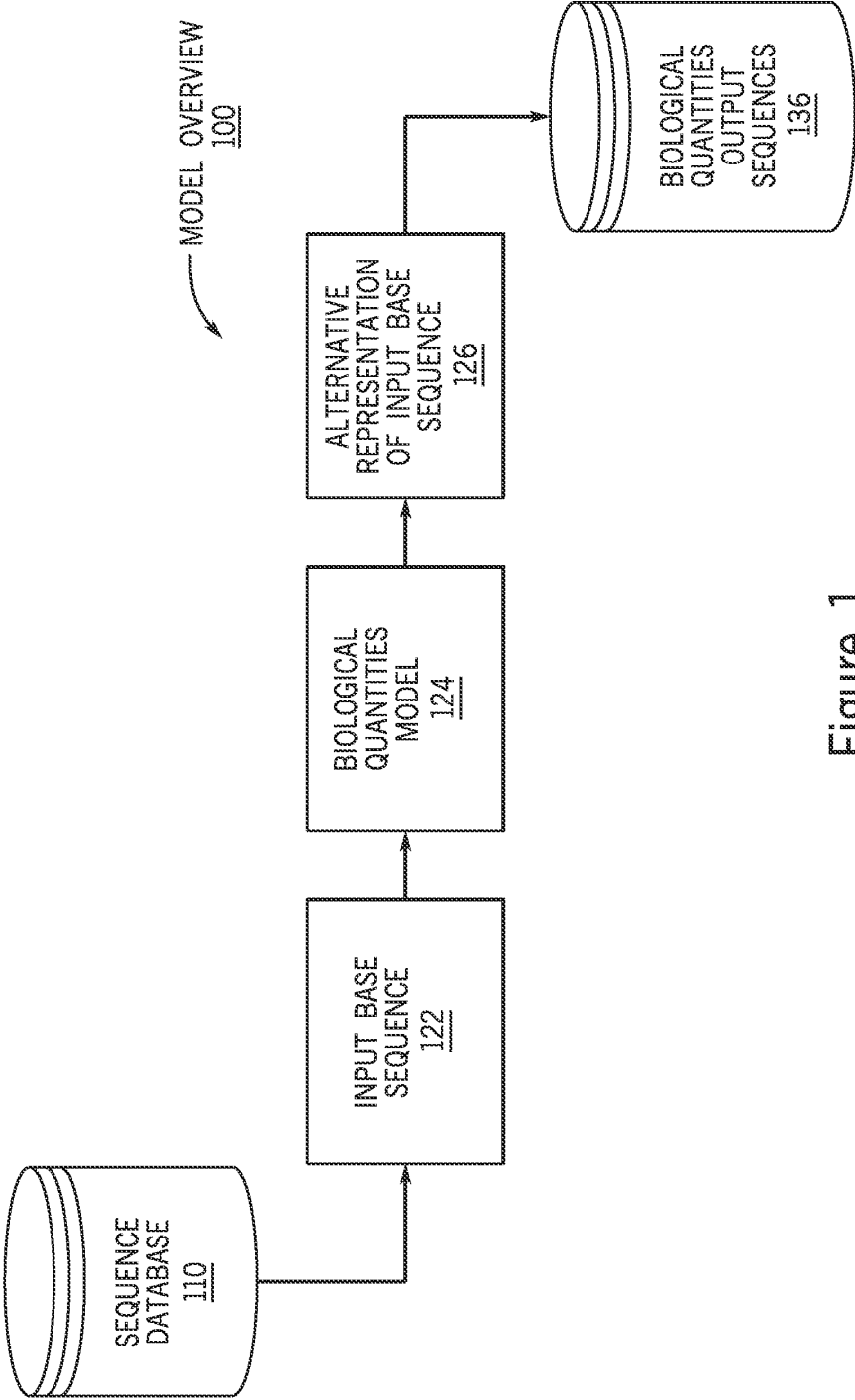


Figure 1

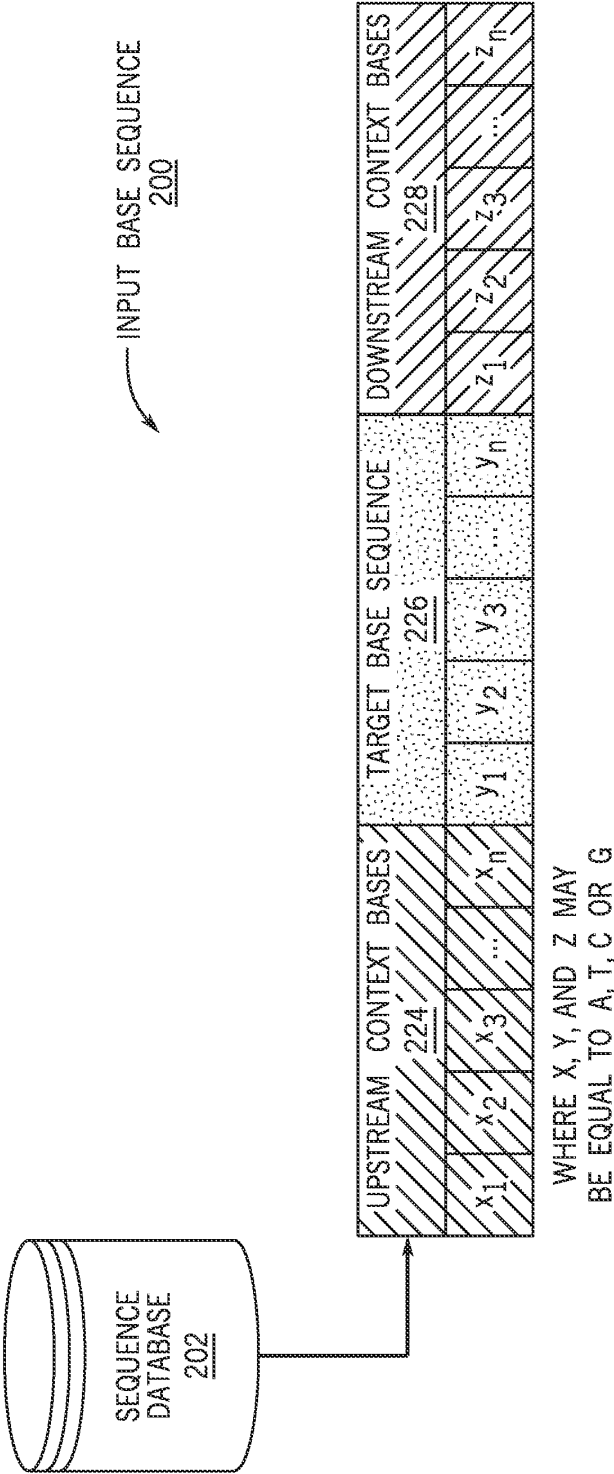


Figure 2

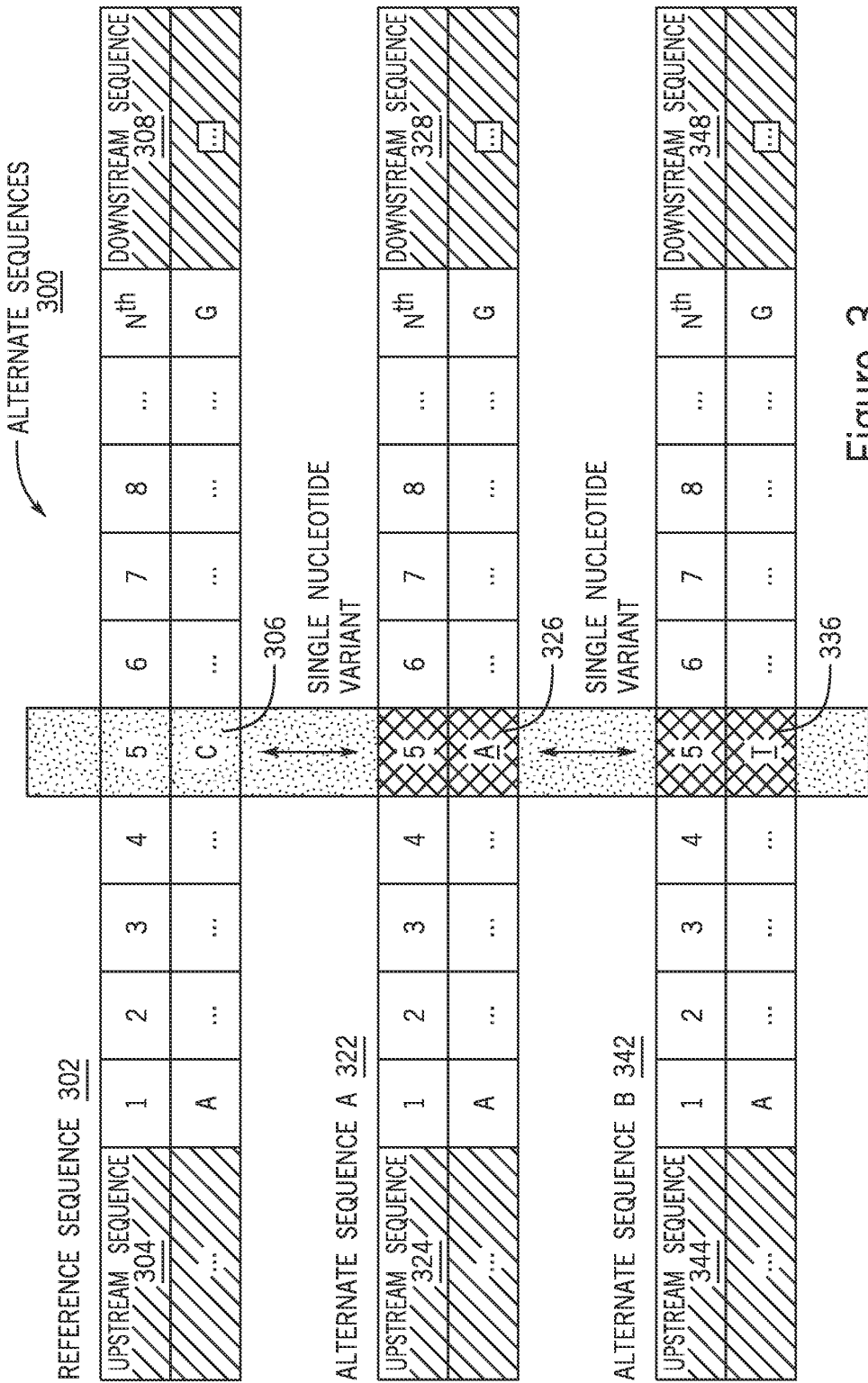
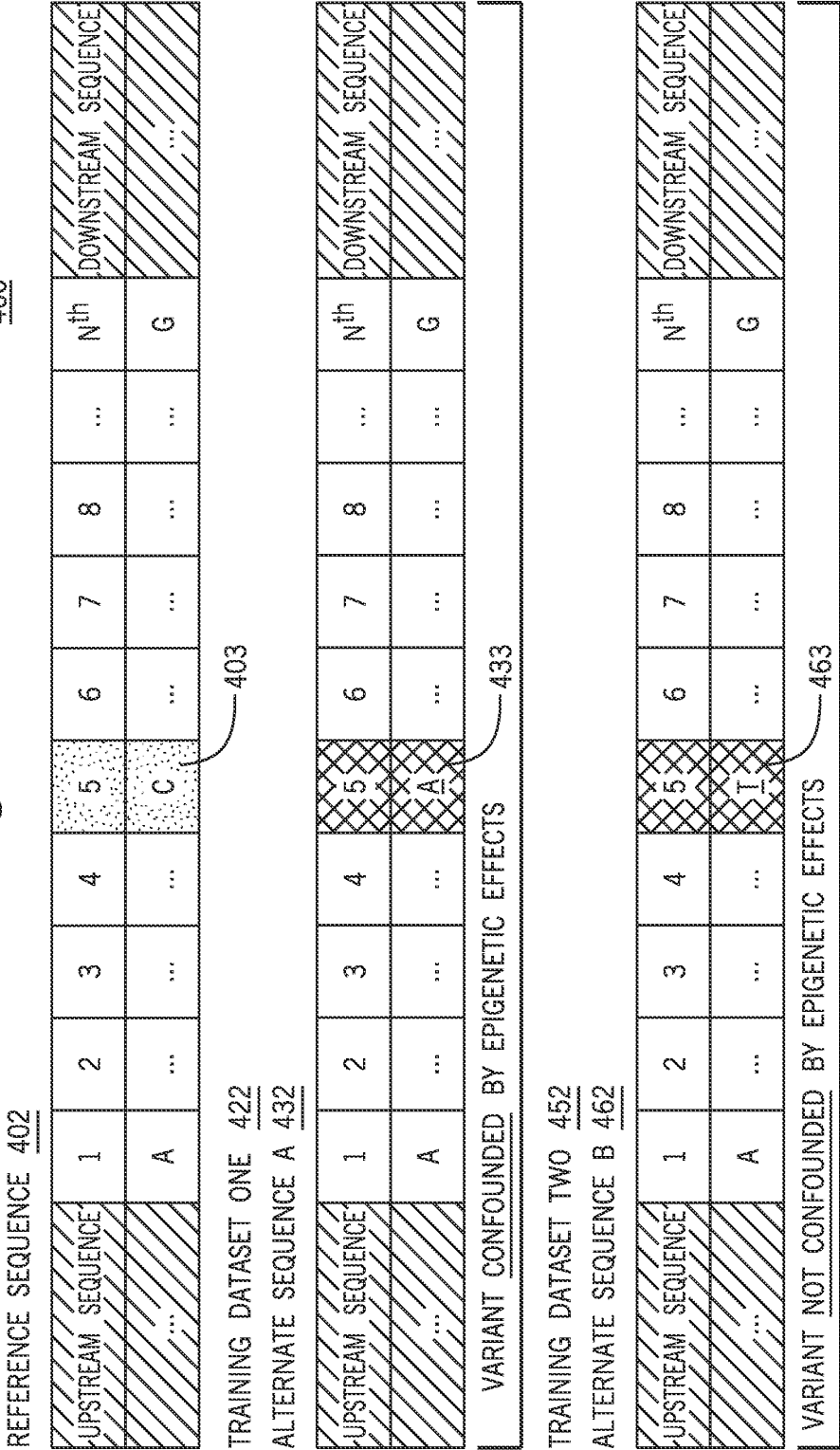


Figure 3

Figure 4

TRAINING DATASETS
400



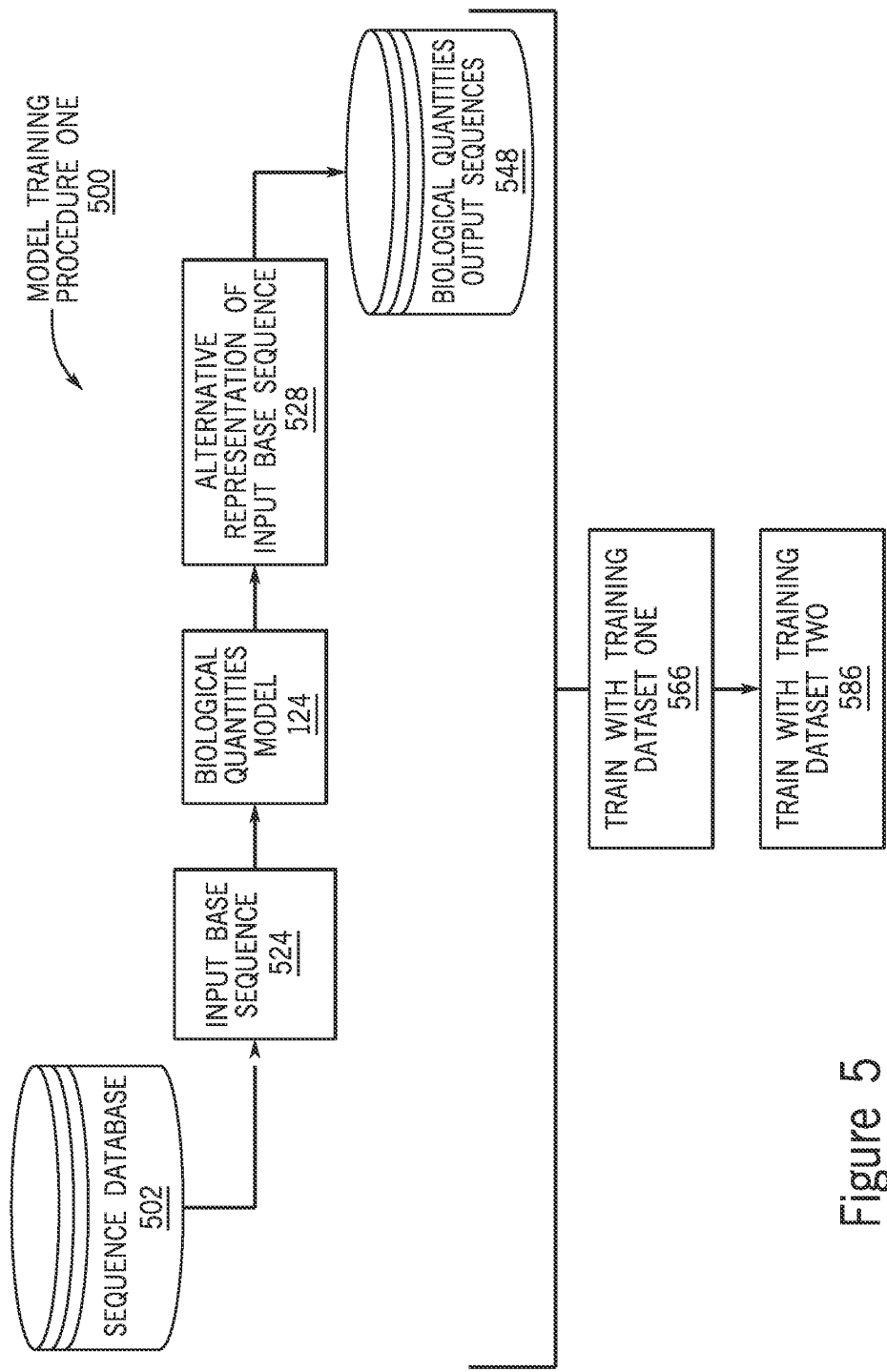


Figure 5

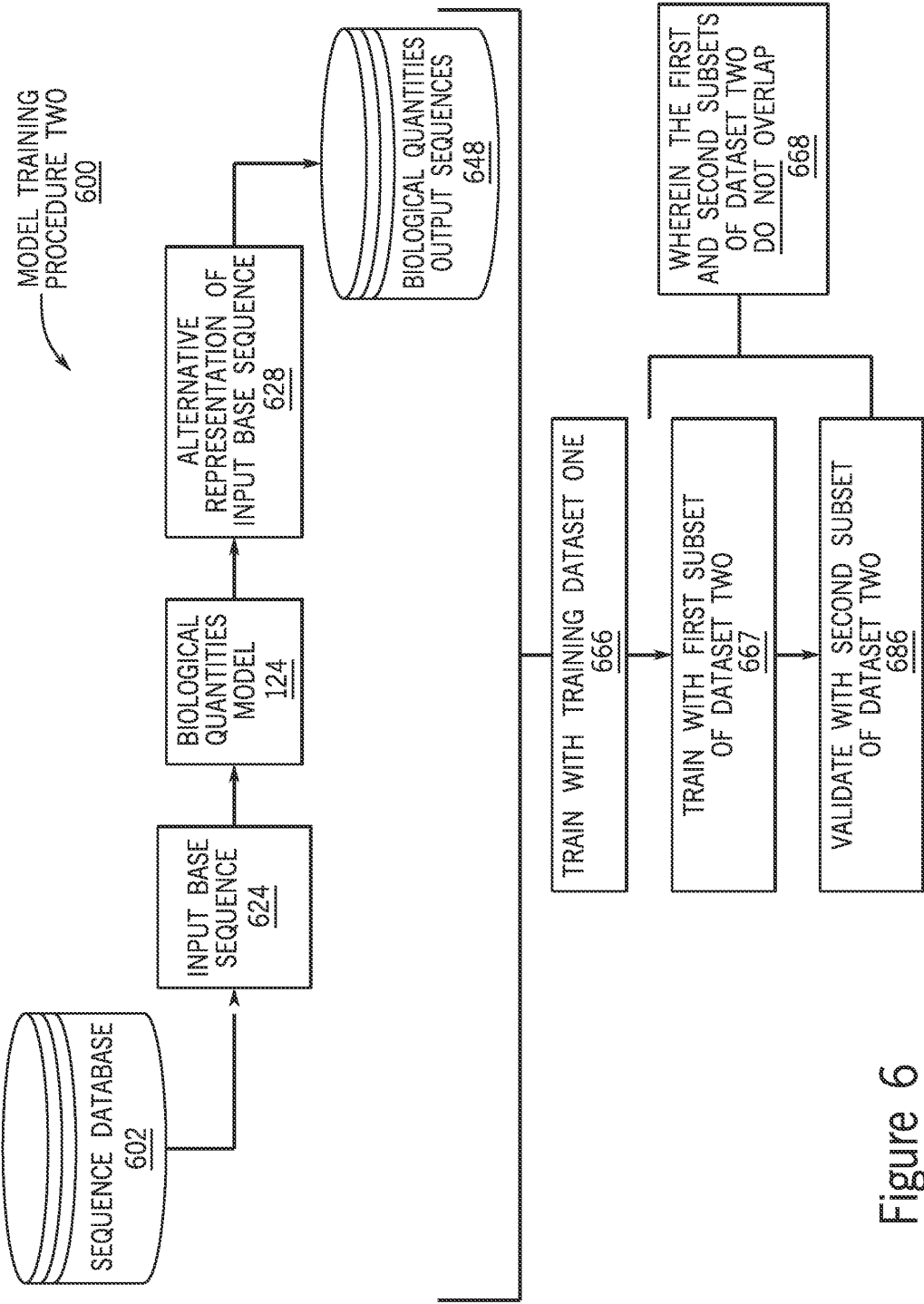


Figure 6

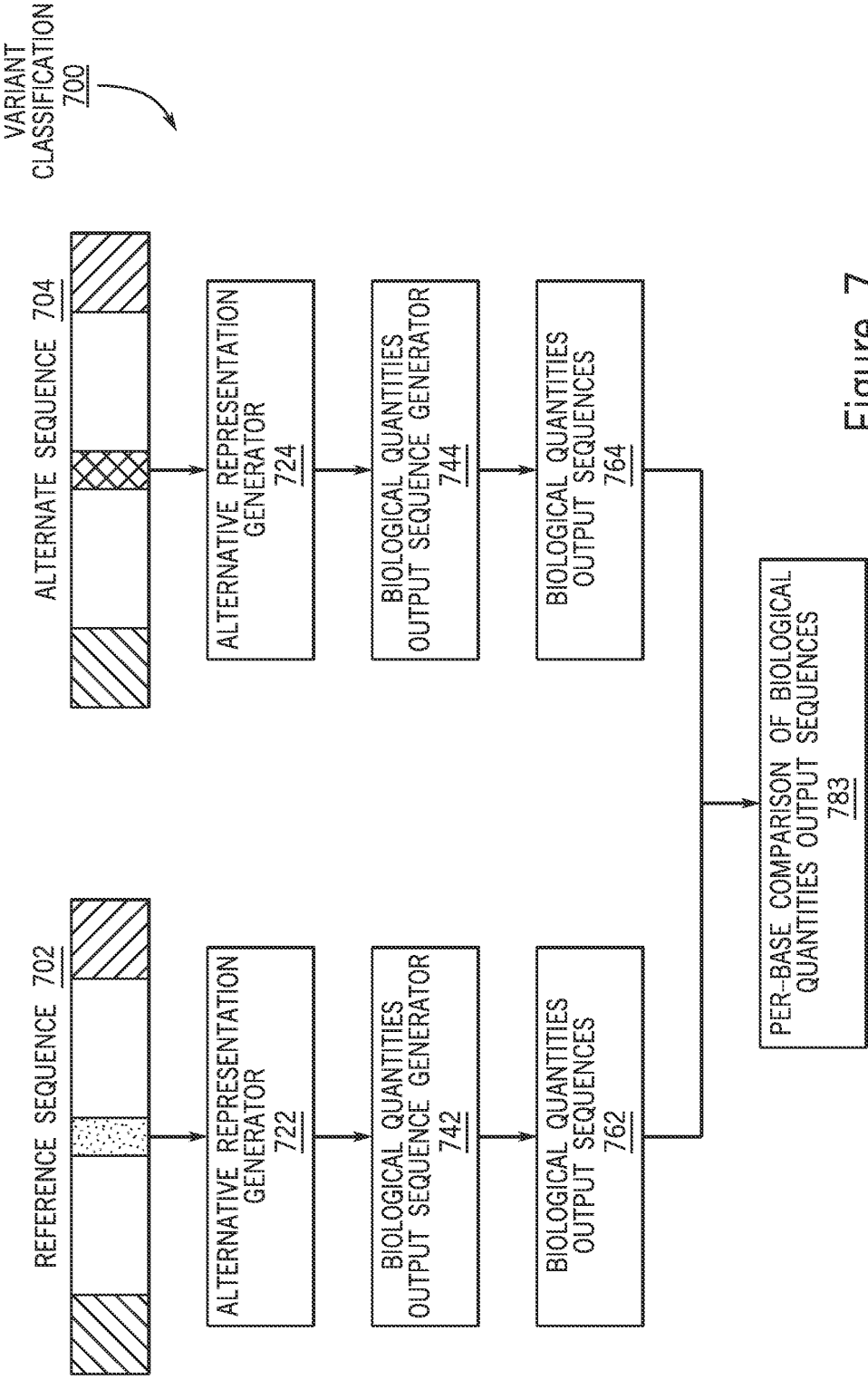
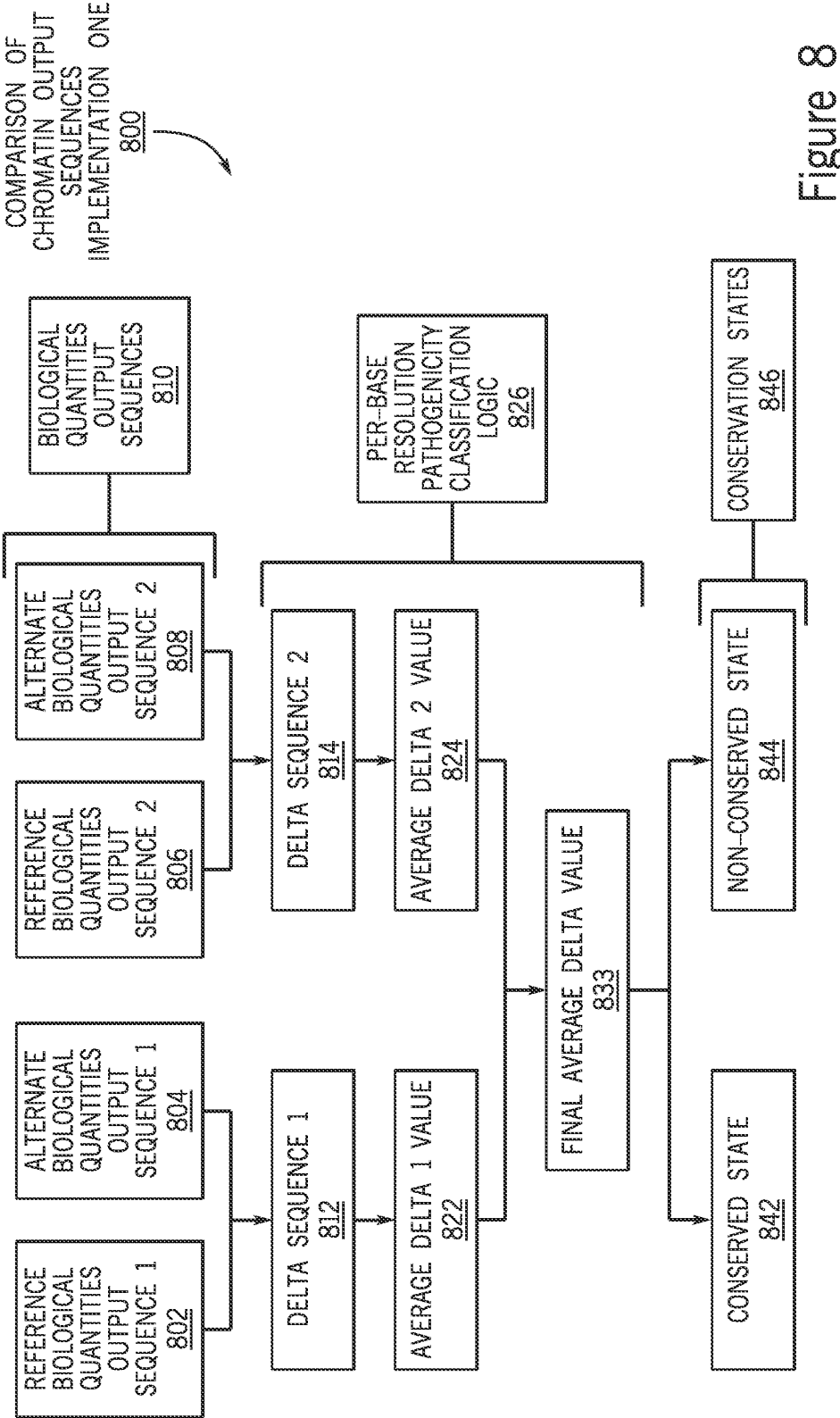


Figure 7



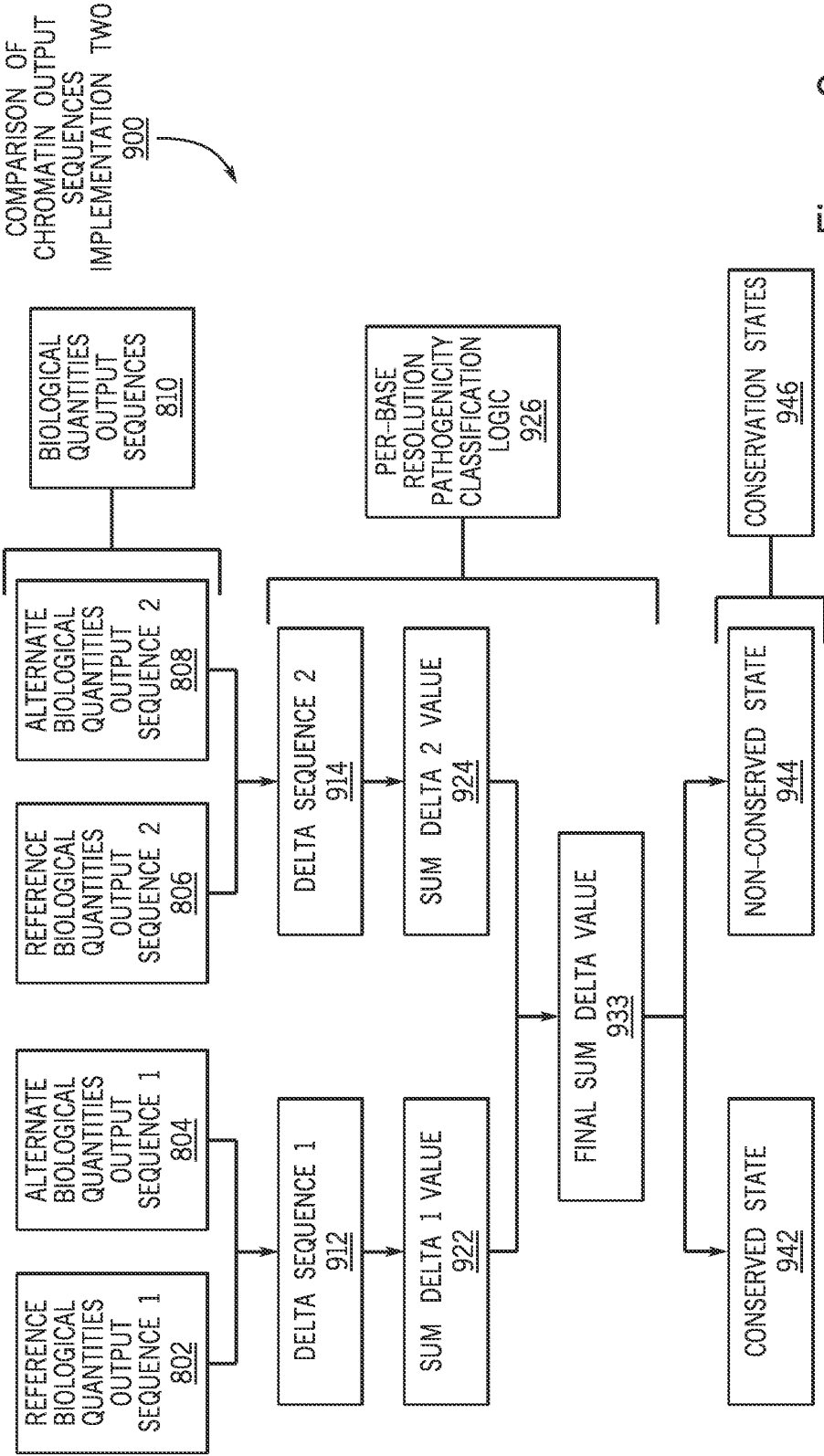


Figure 9

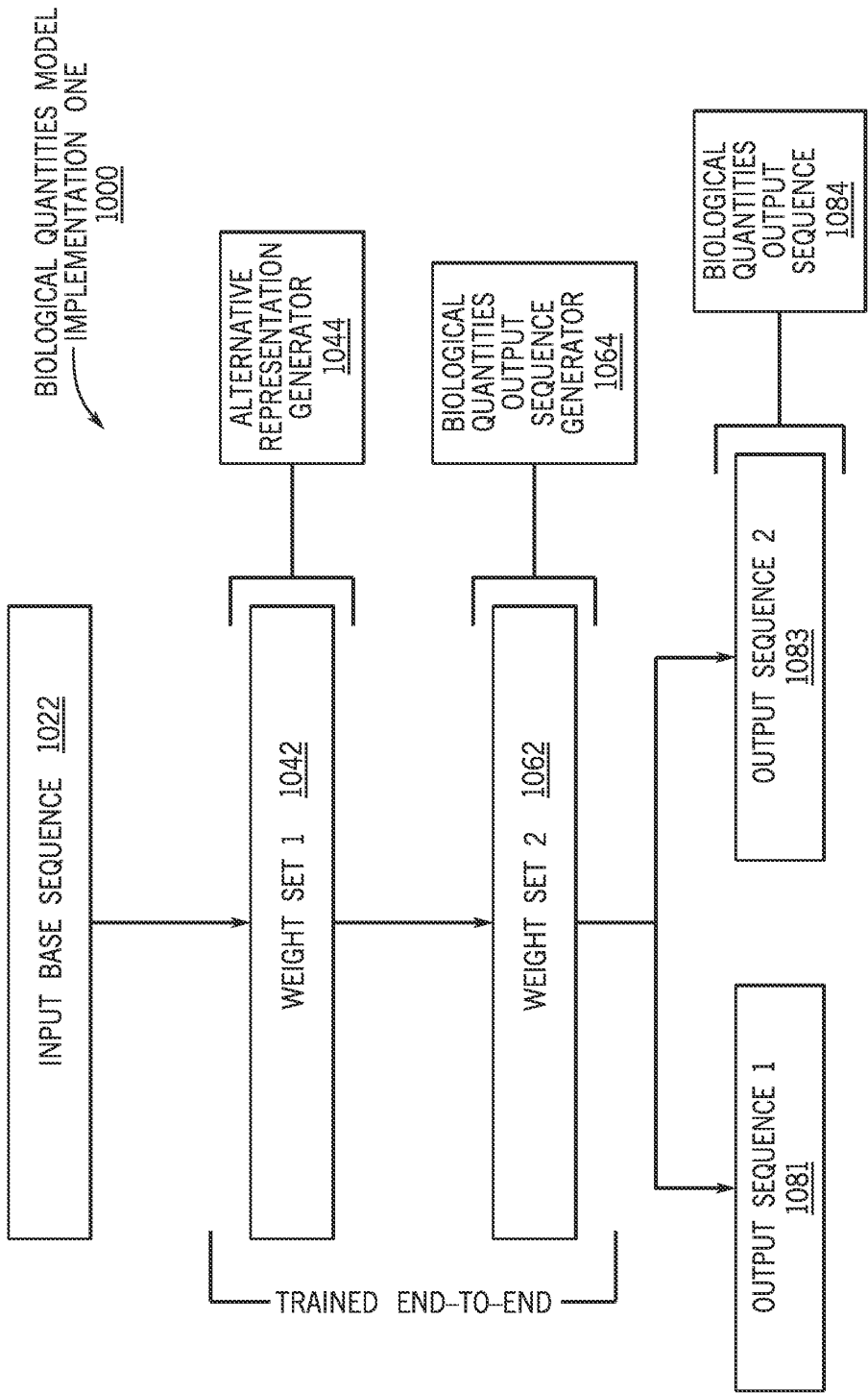


Figure 10

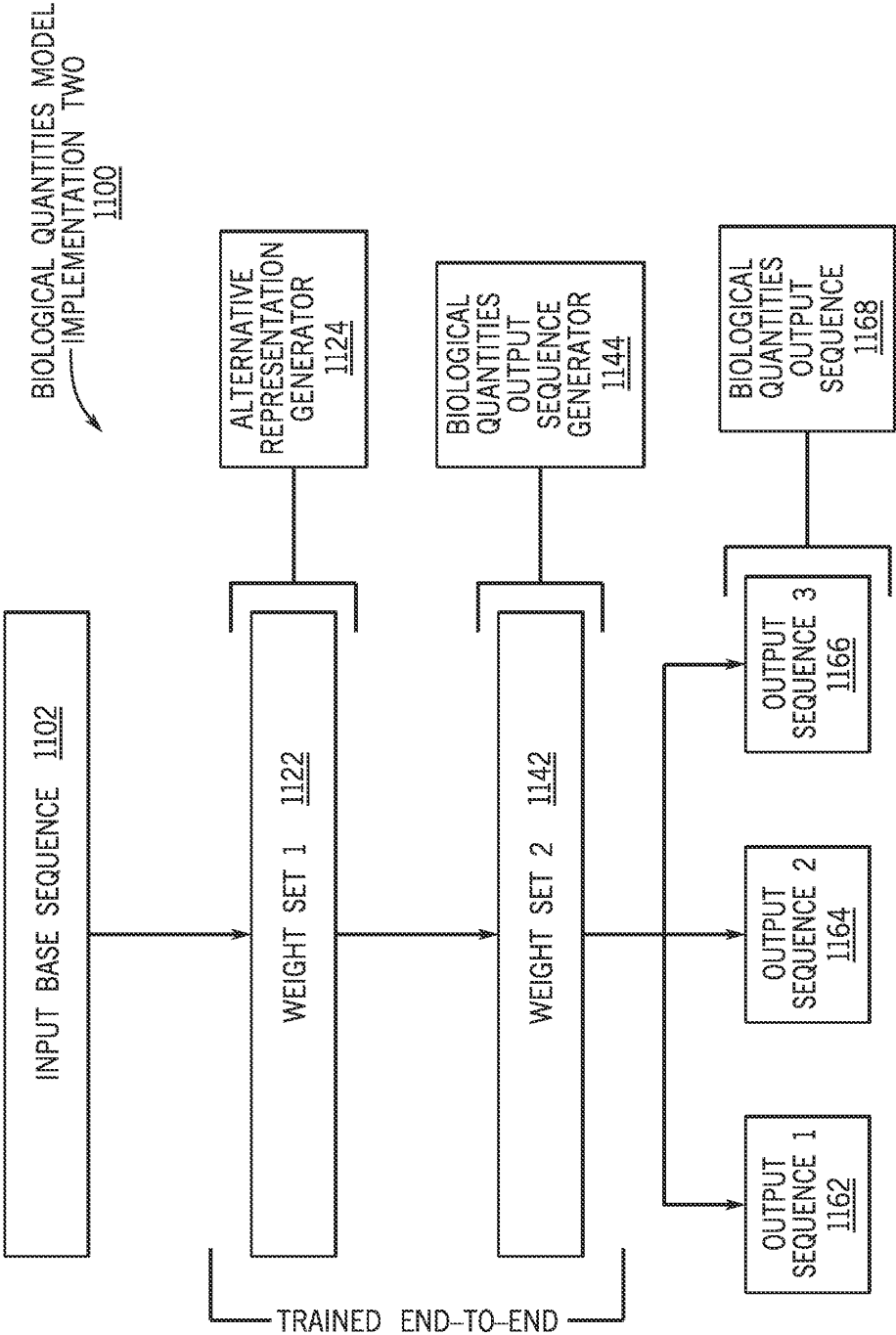


Figure 11

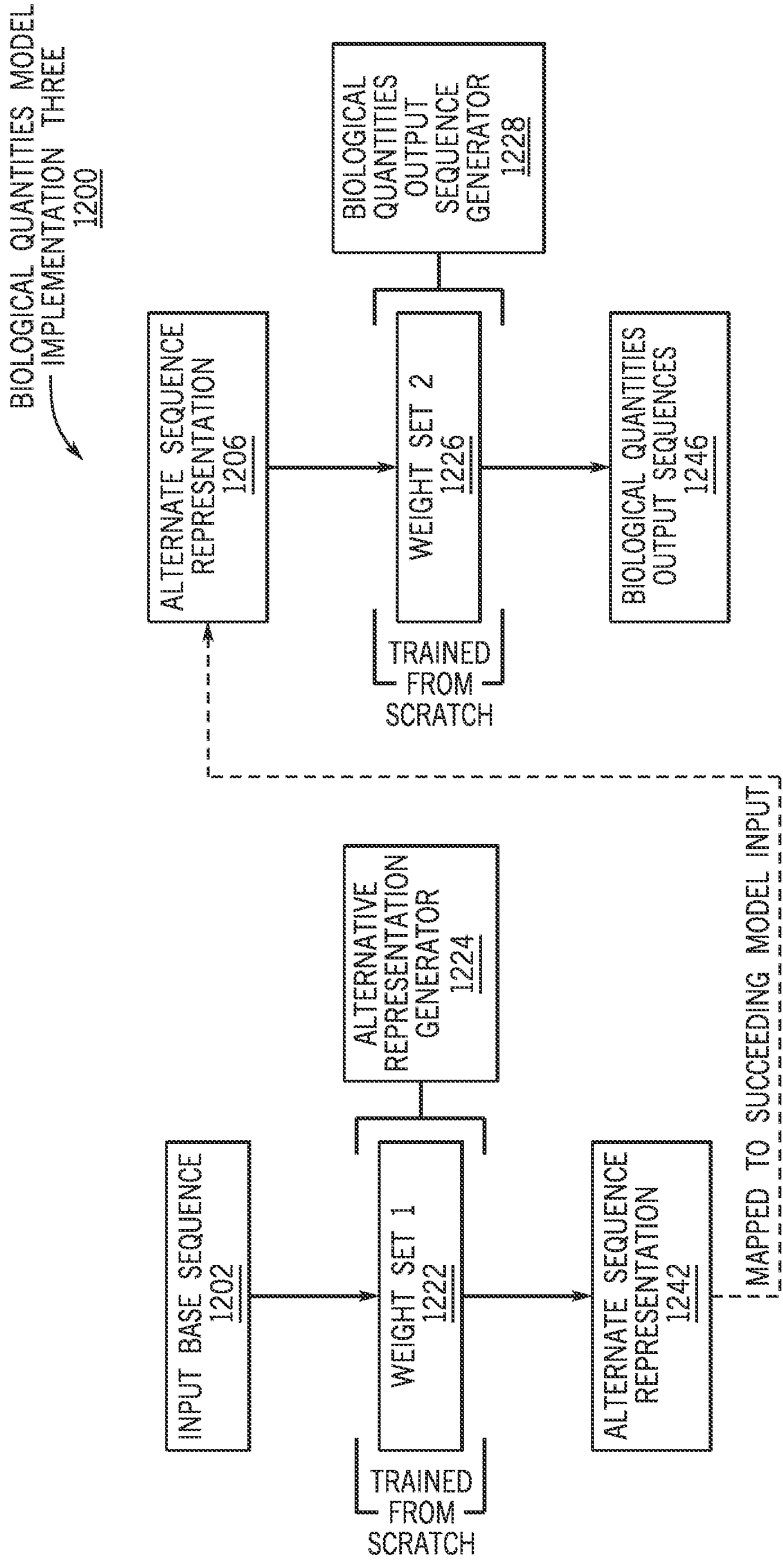
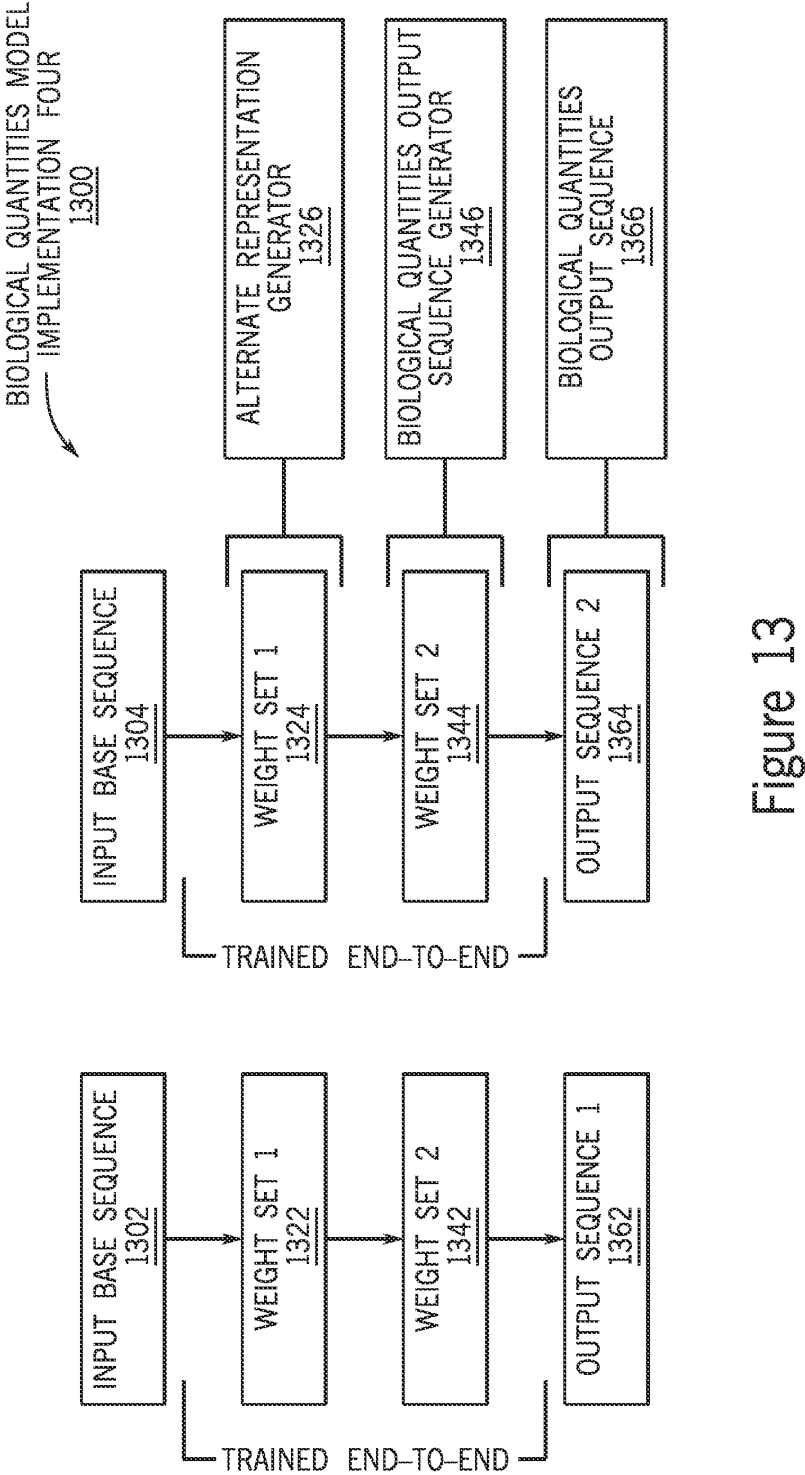


Figure 12



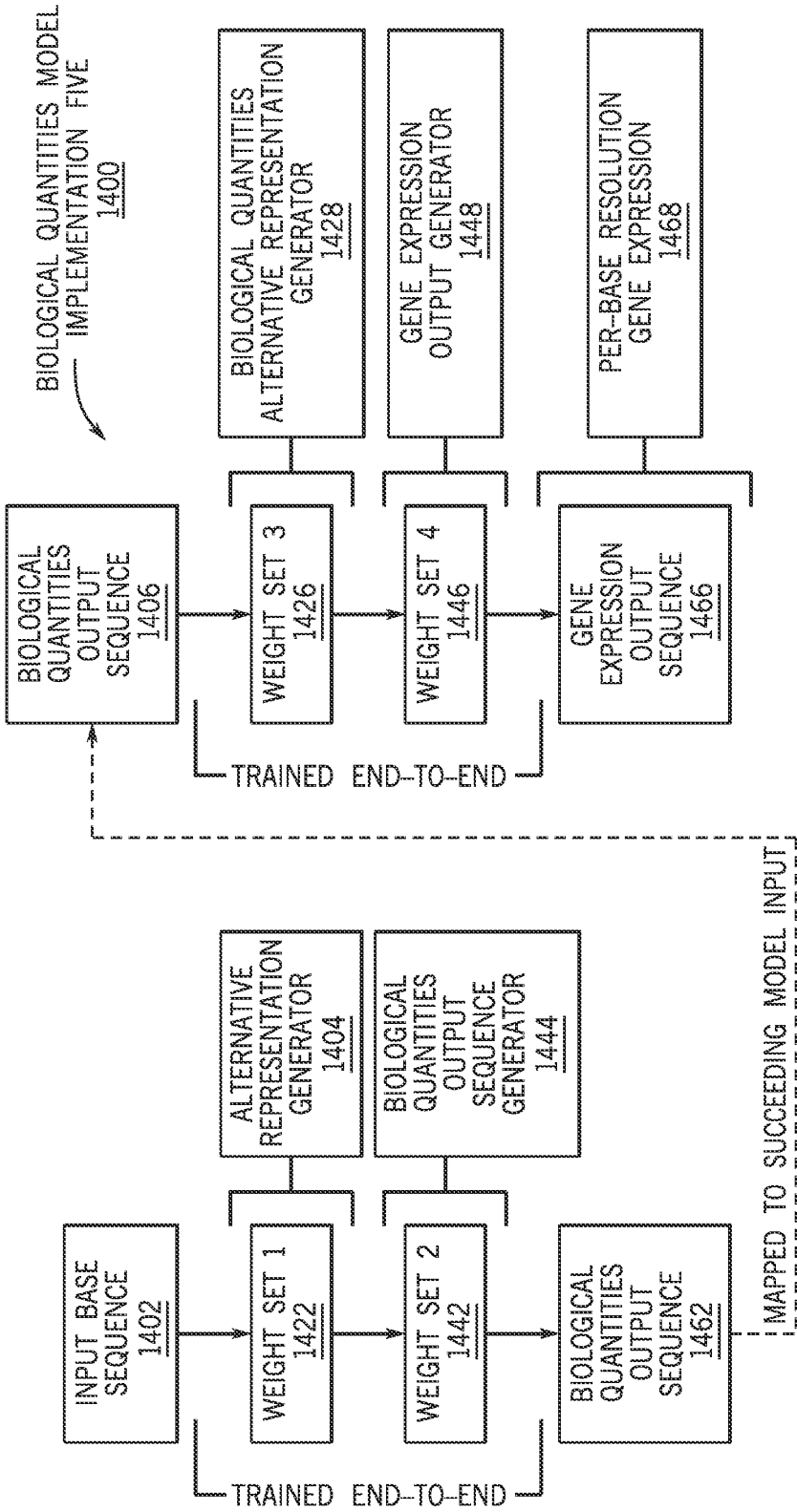


Figure 14

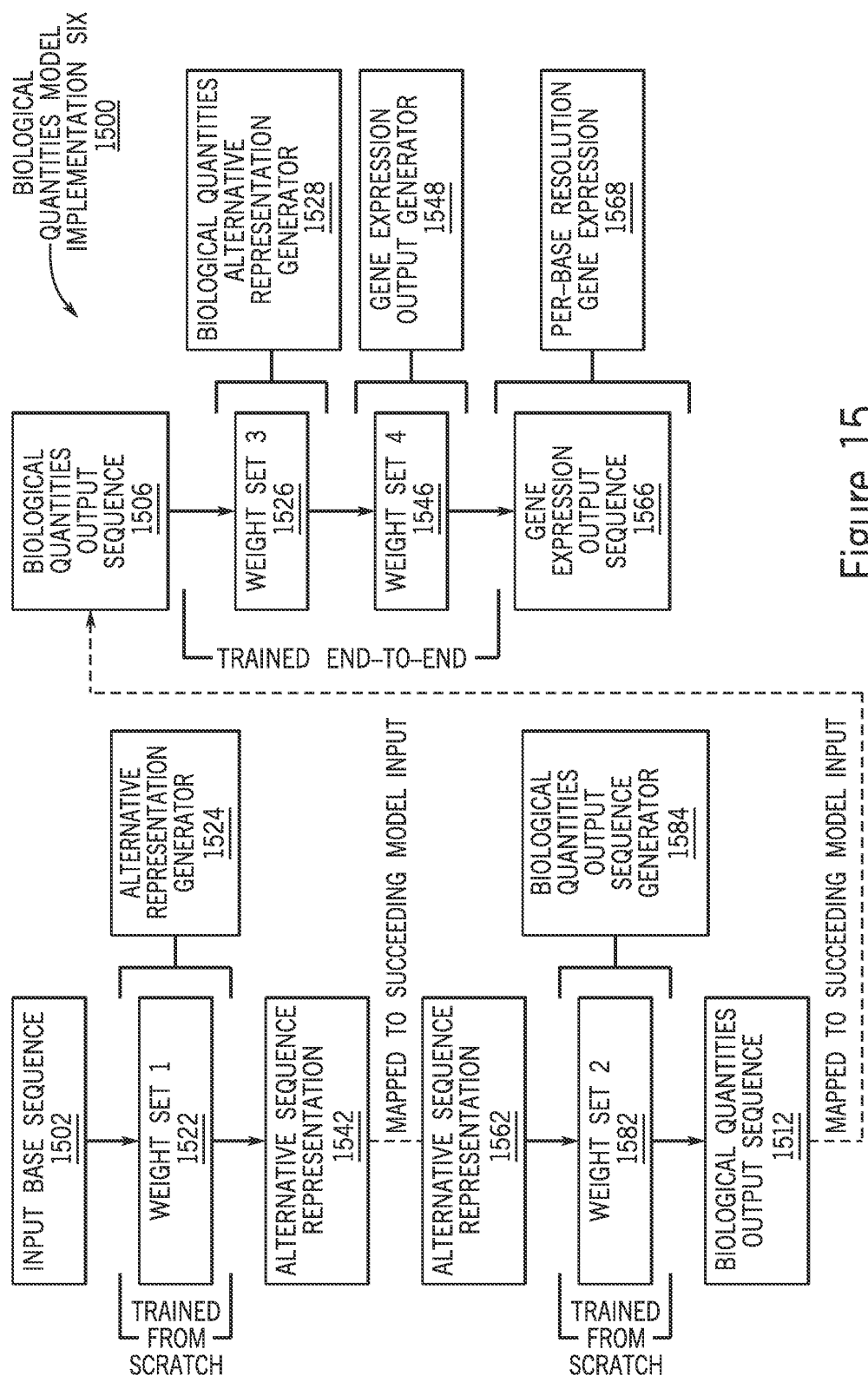


Figure 15

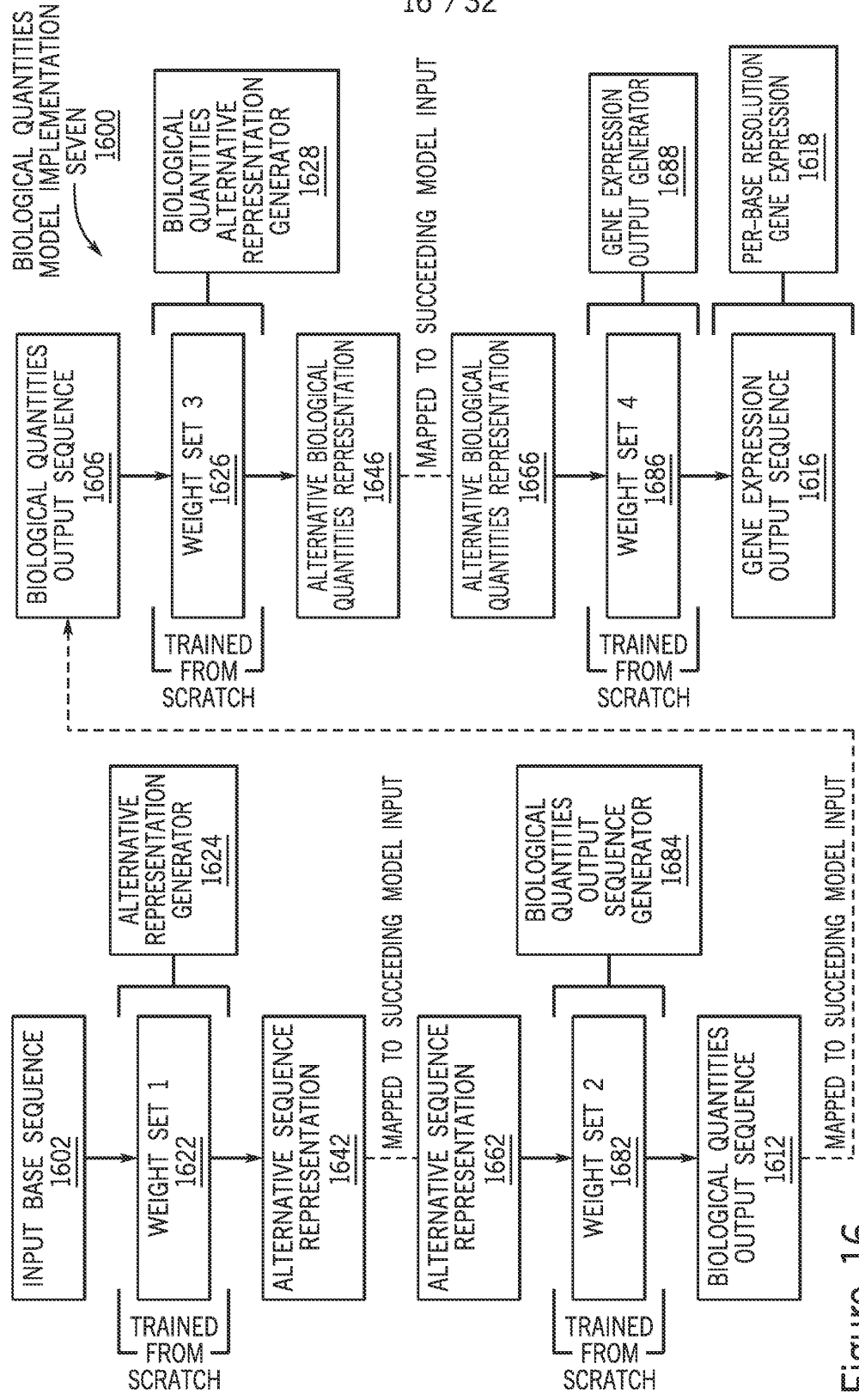


Figure 16

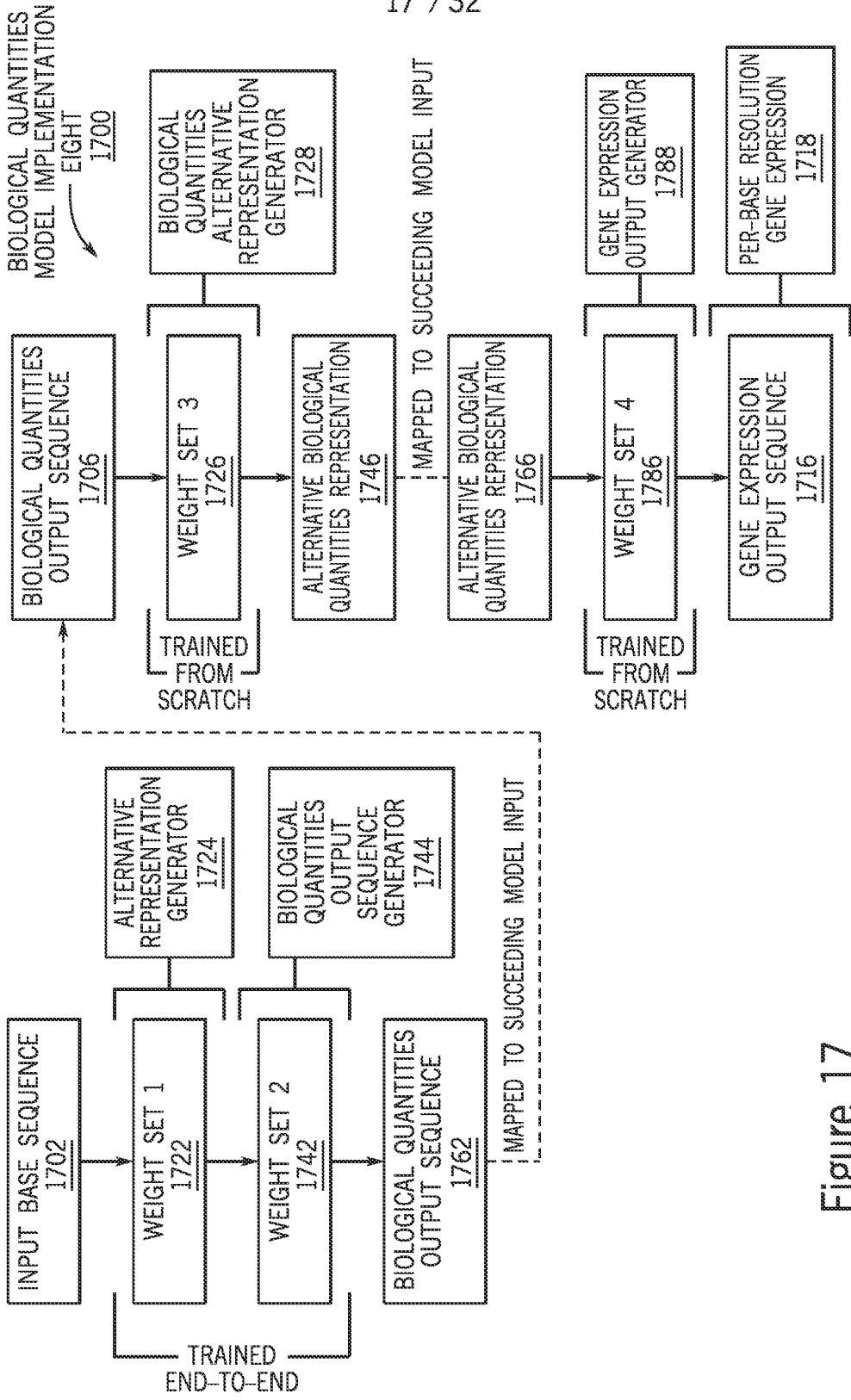


Figure 17

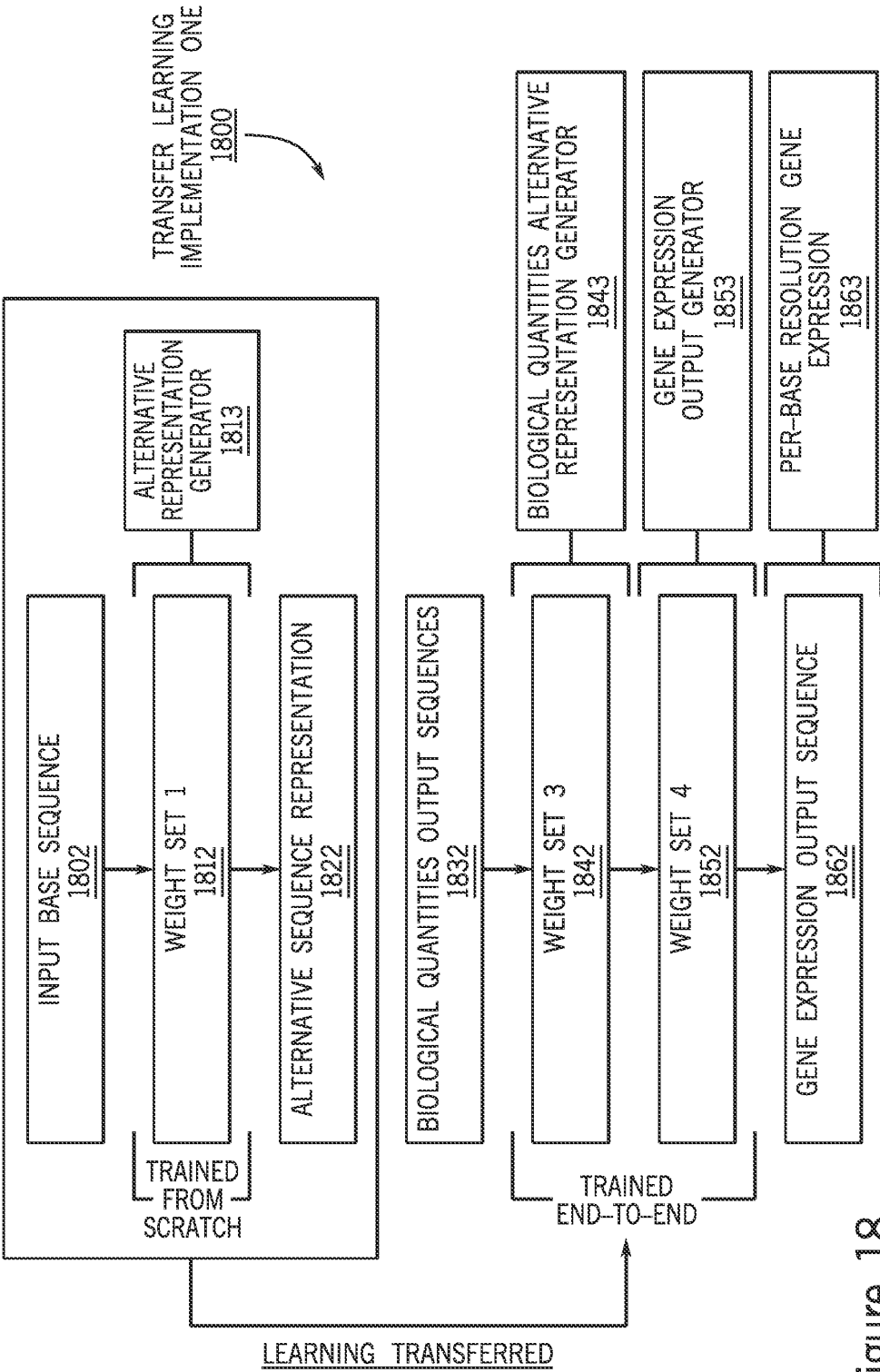
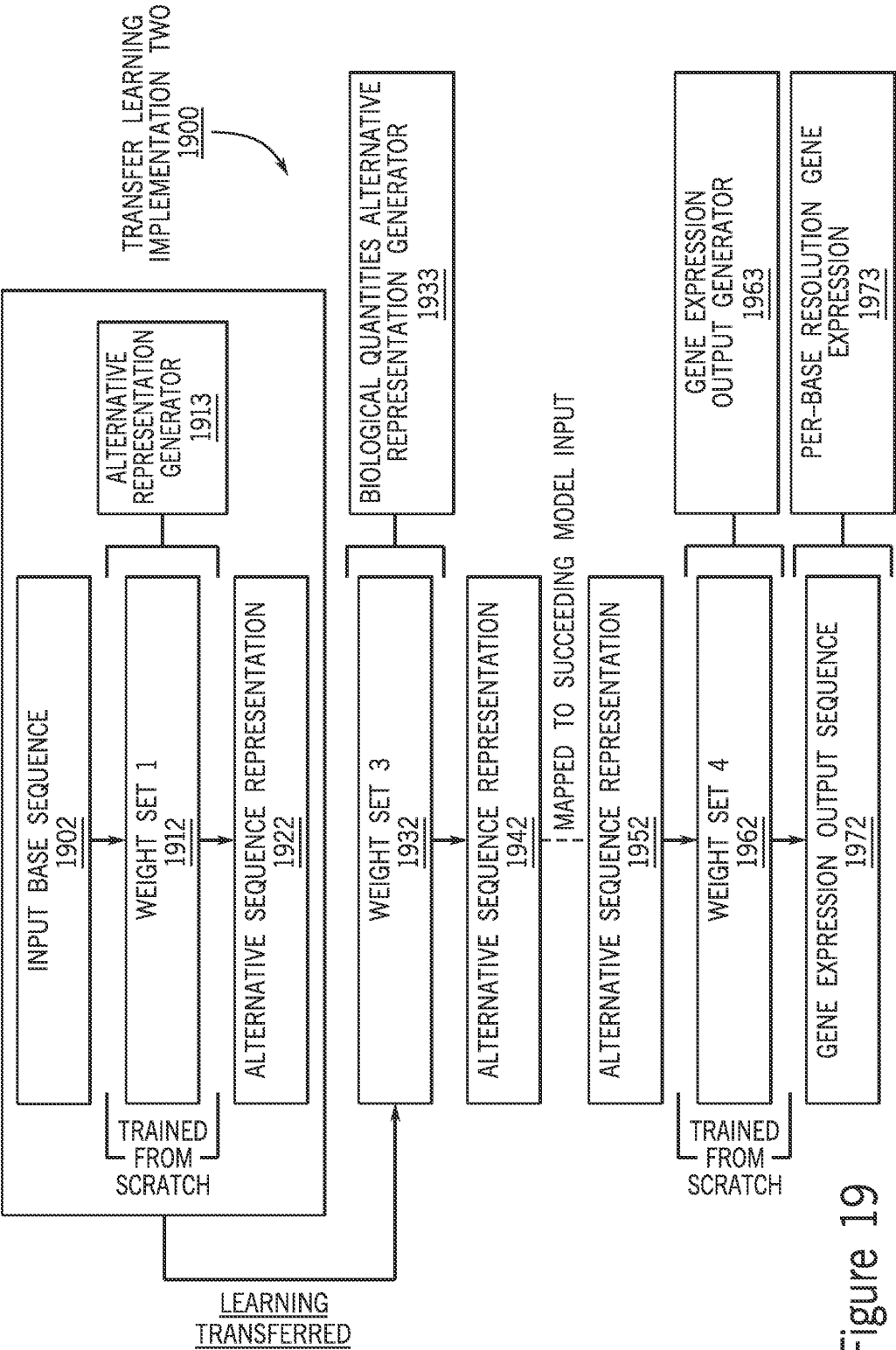


Figure 18



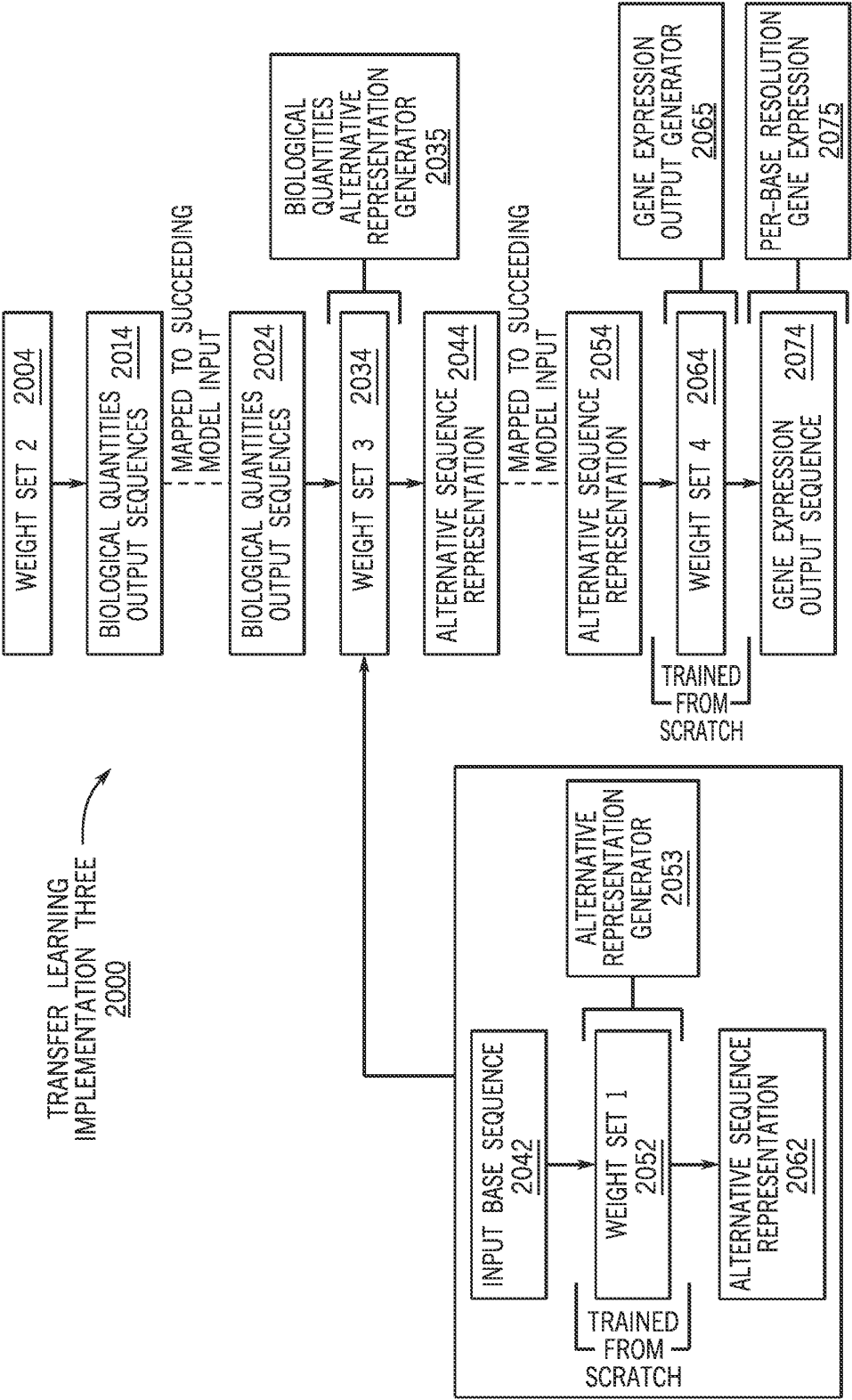


Figure 20

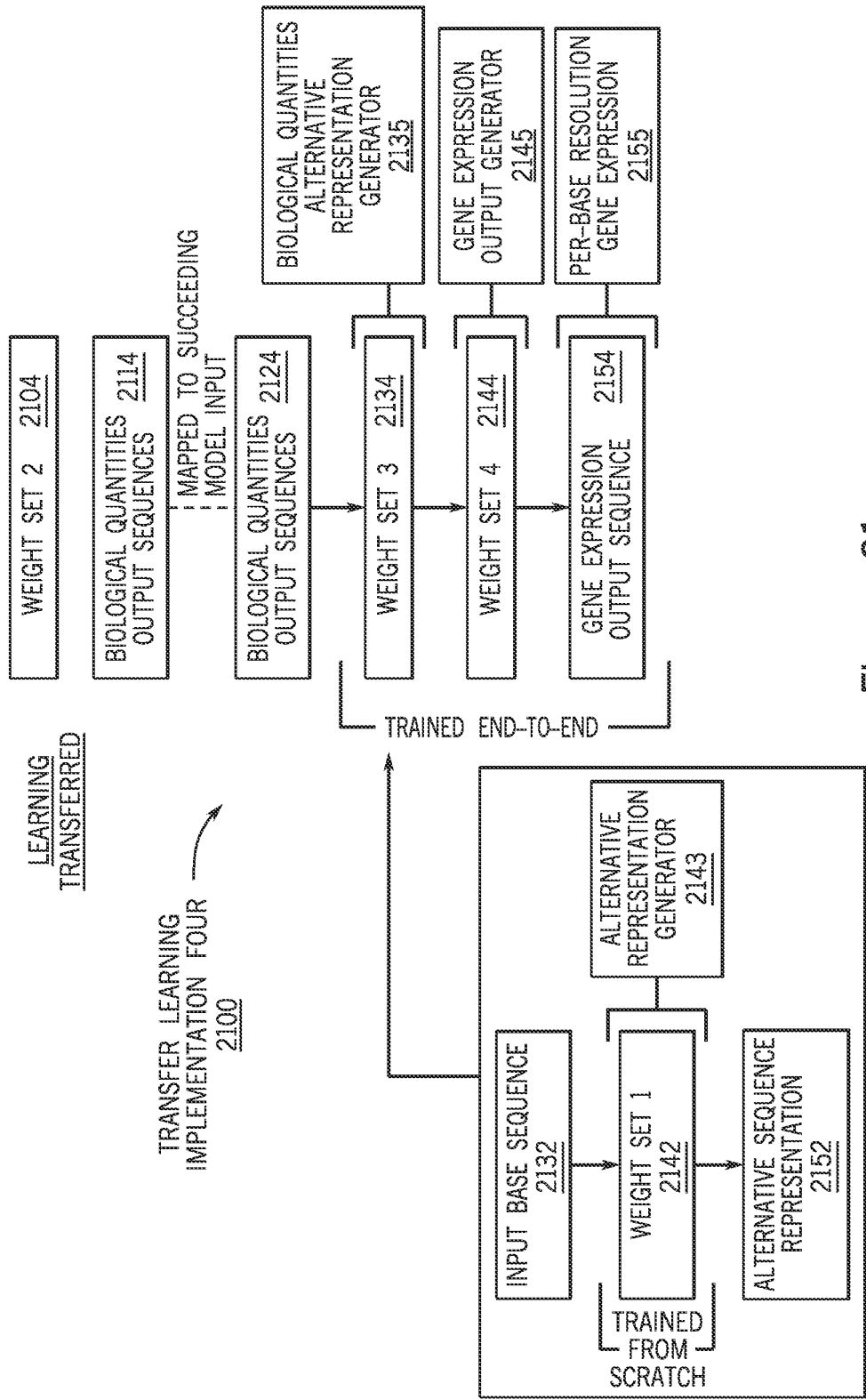


Figure 21

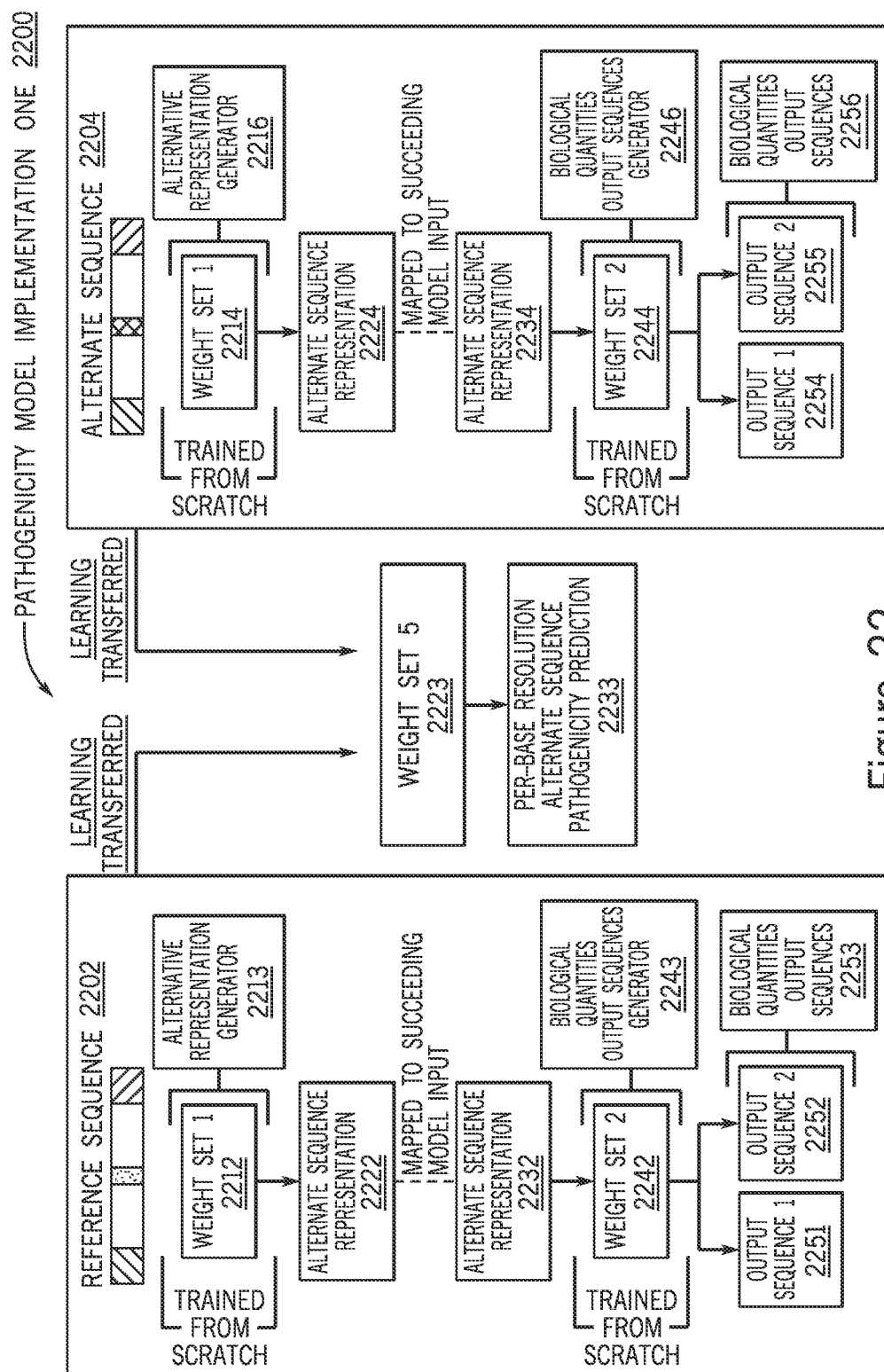


Figure 22

PATHOGENICITY MODEL IMPLEMENTATION TWO 2300

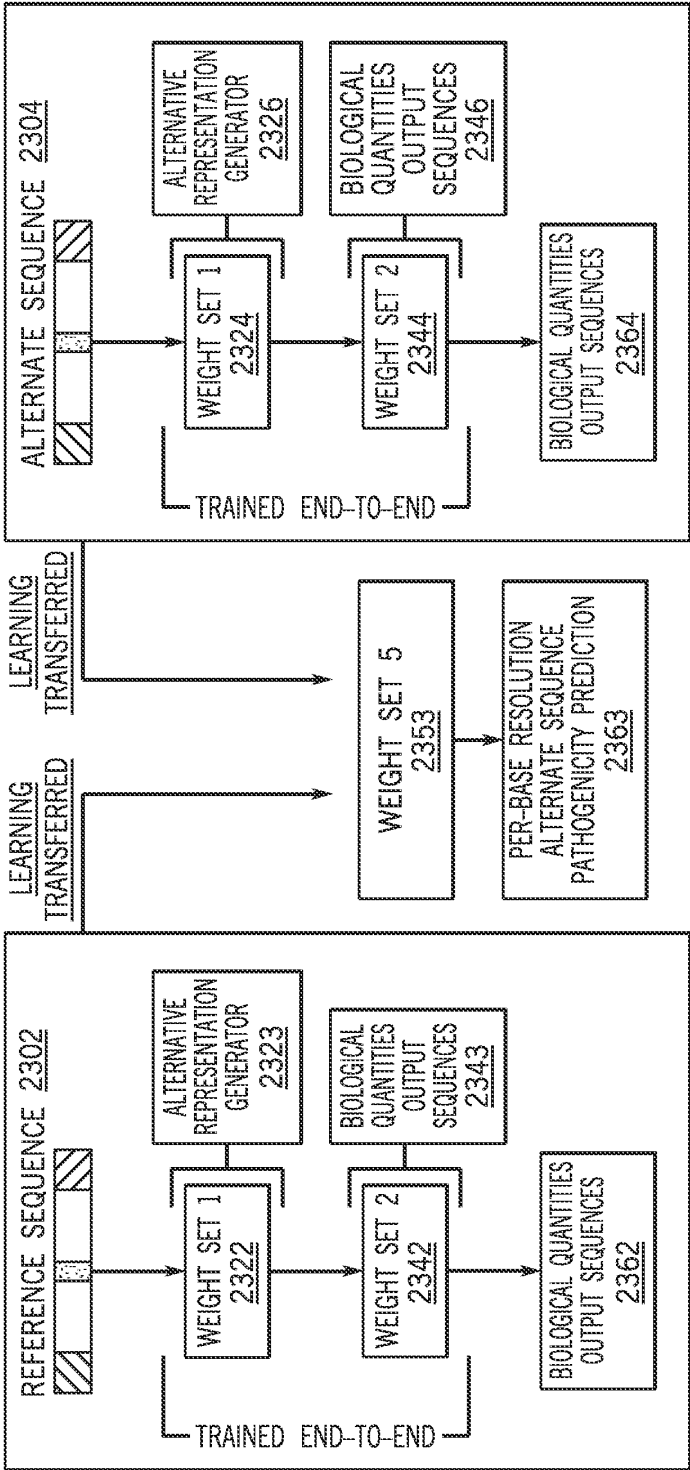


Figure 23

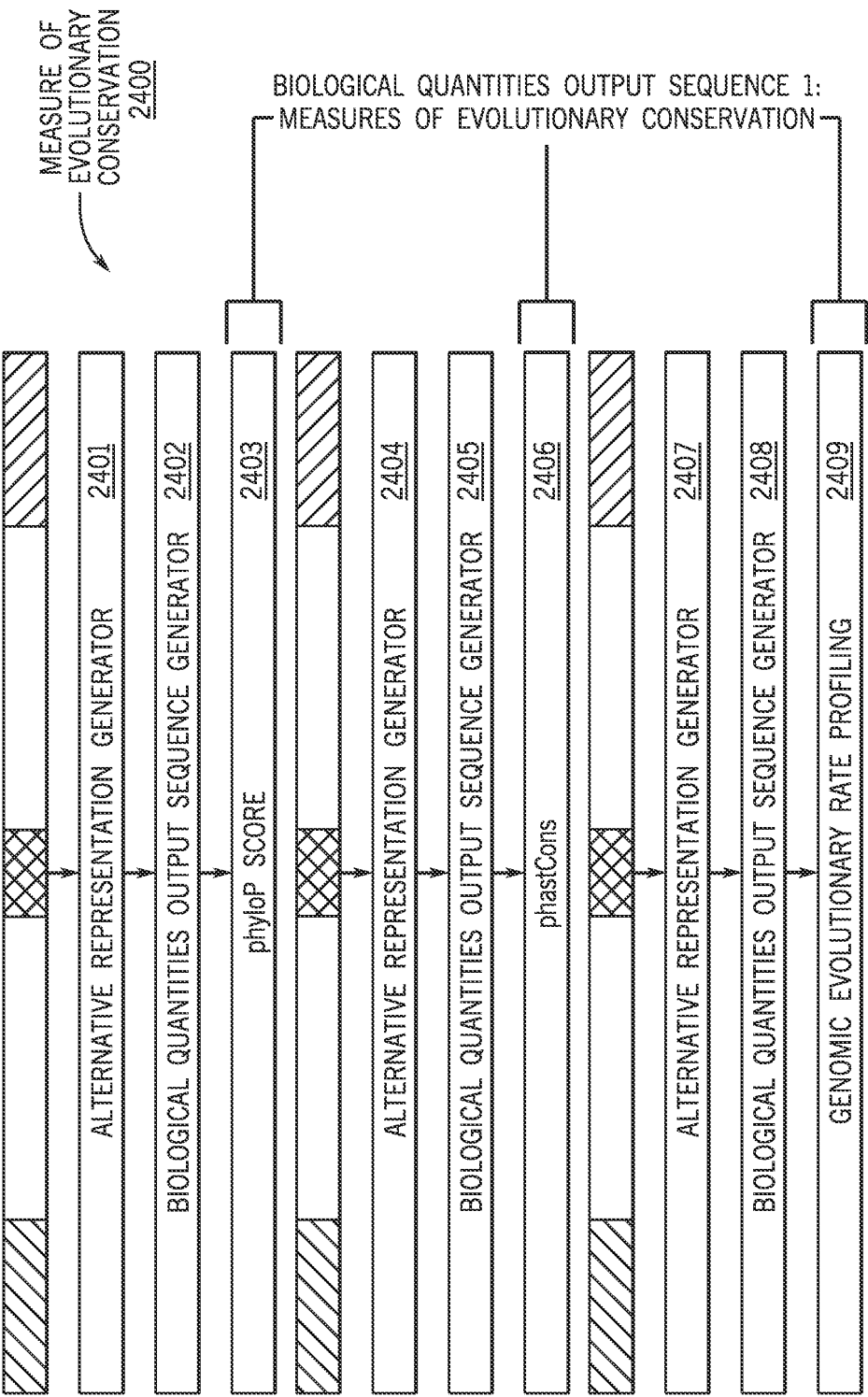


Figure 24

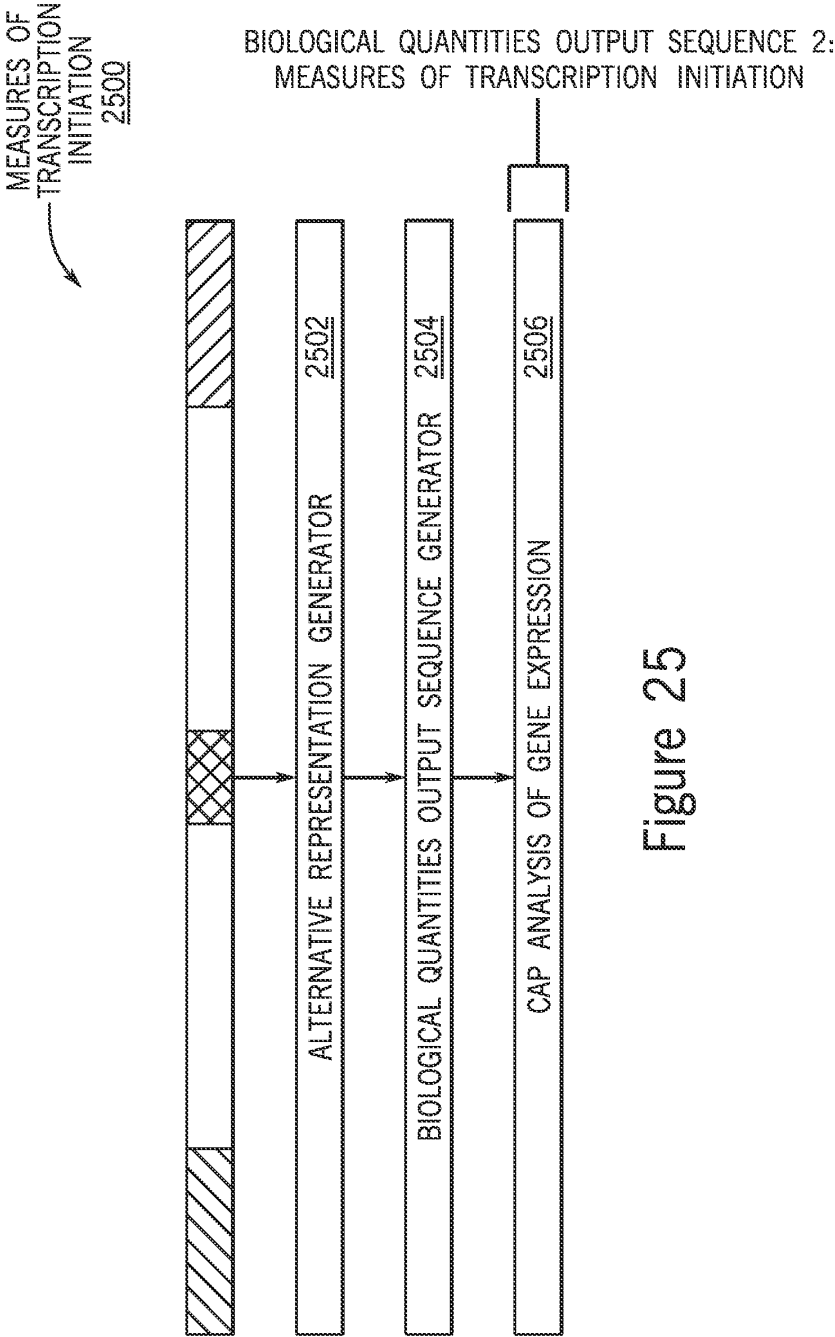


Figure 25

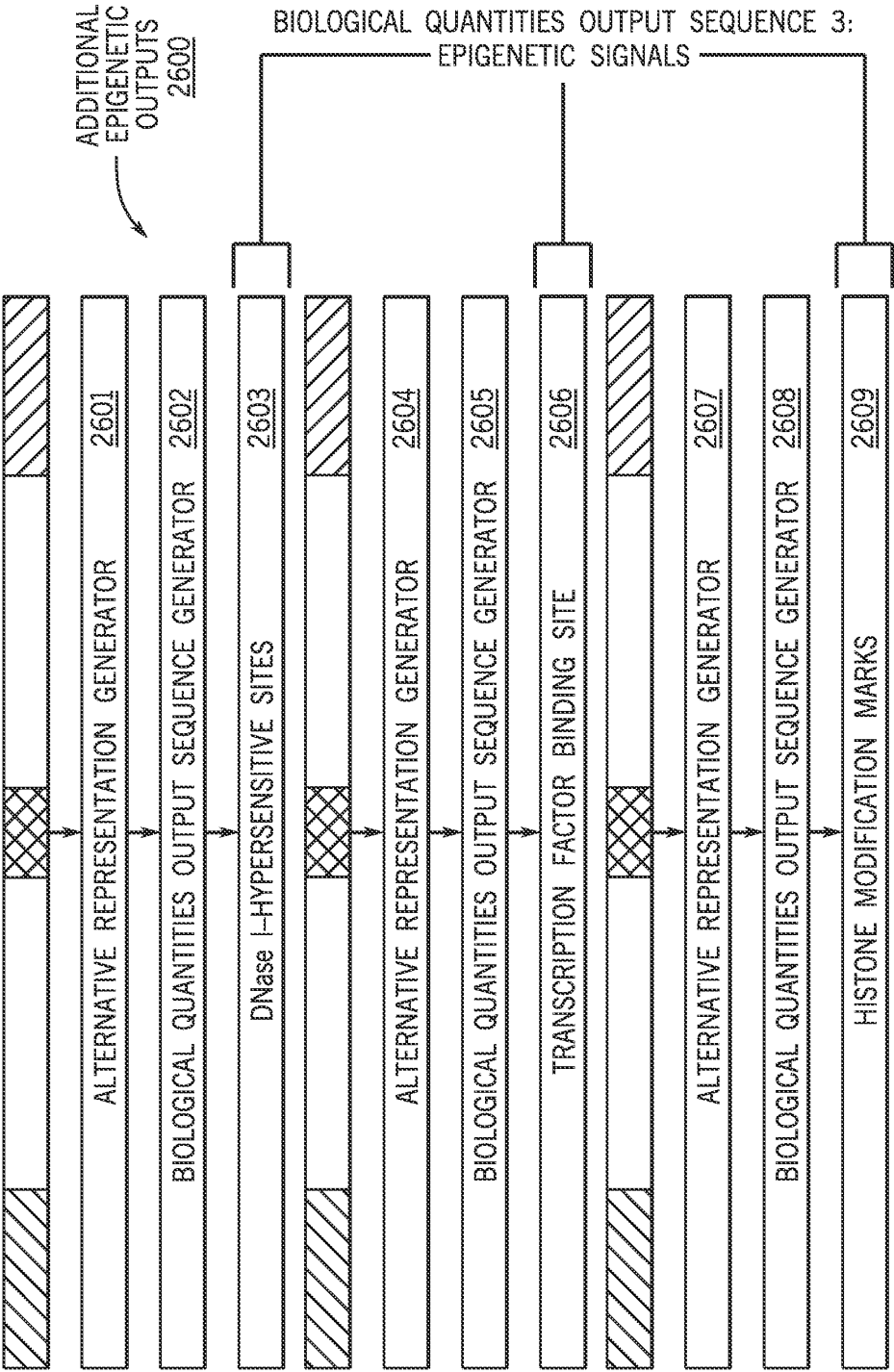


Figure 26

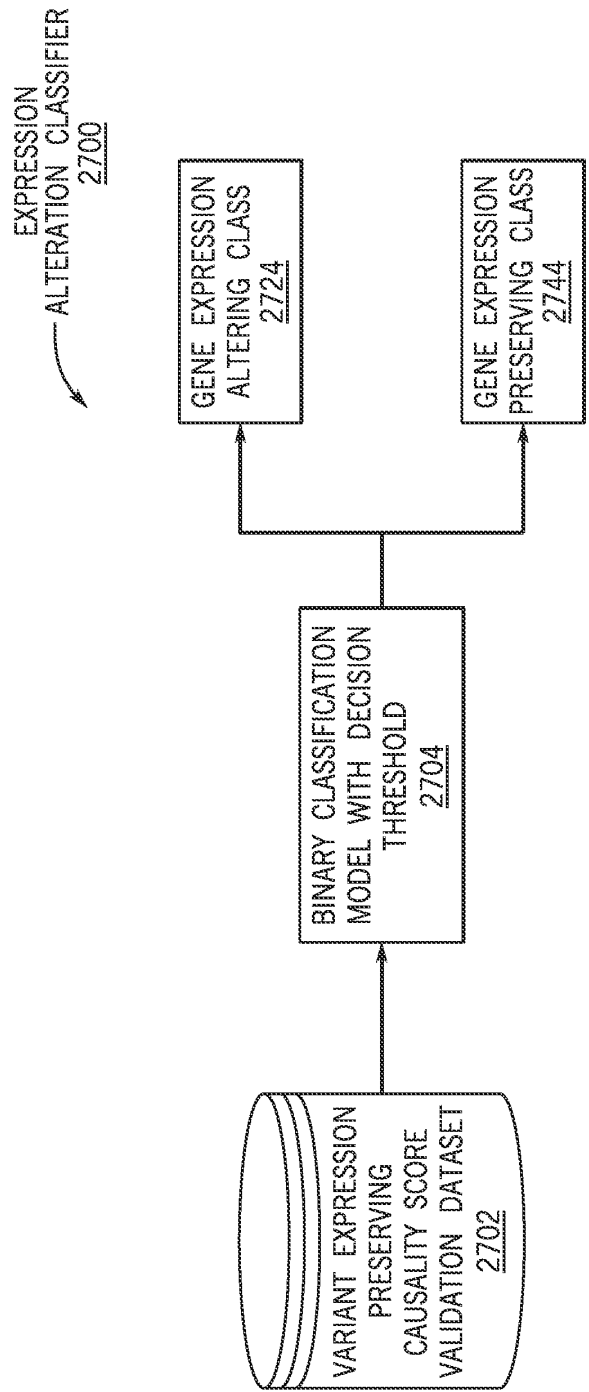


Figure 27

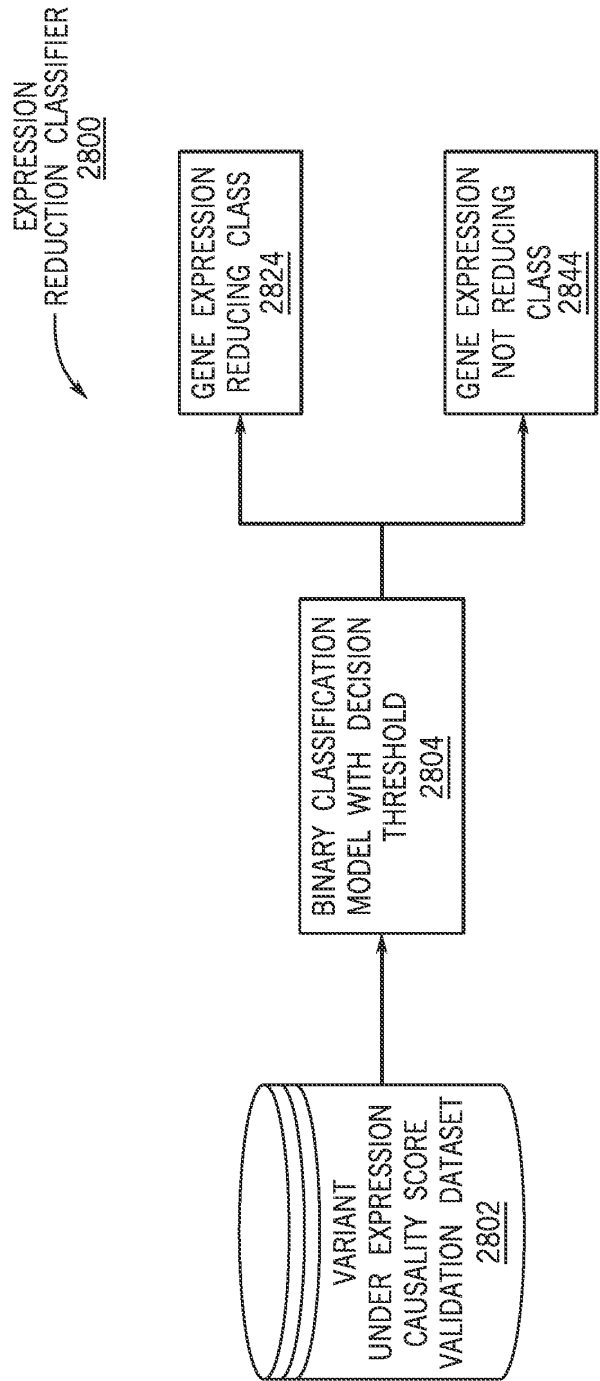


Figure 28

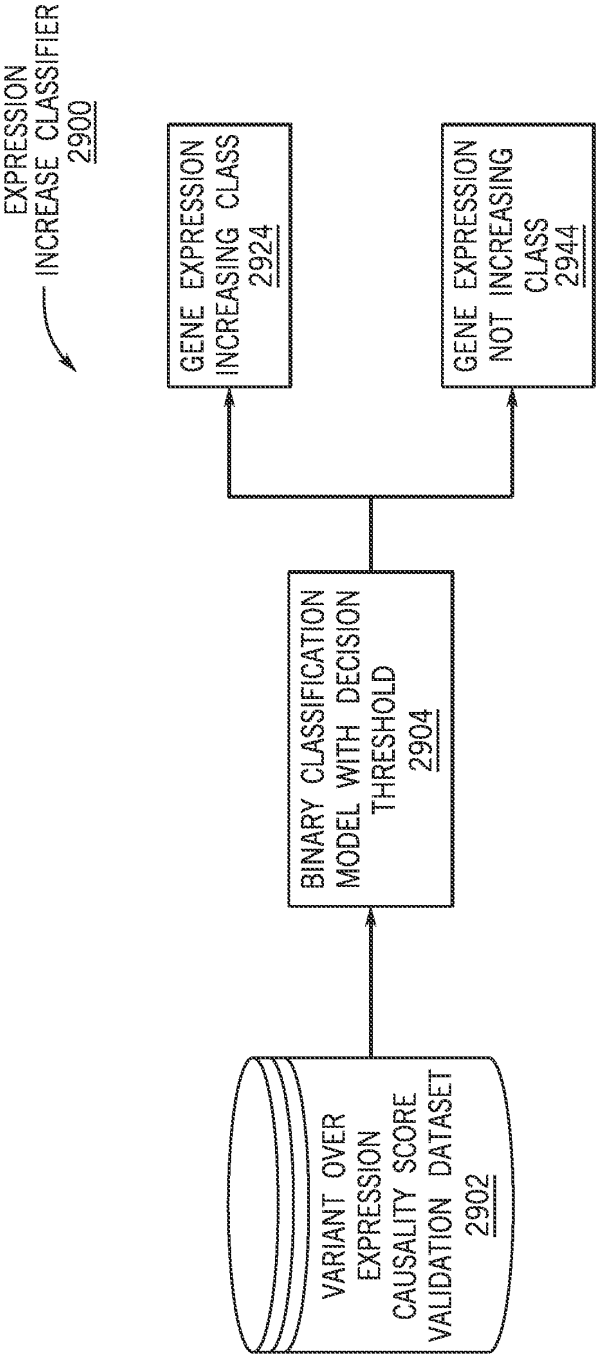


Figure 29

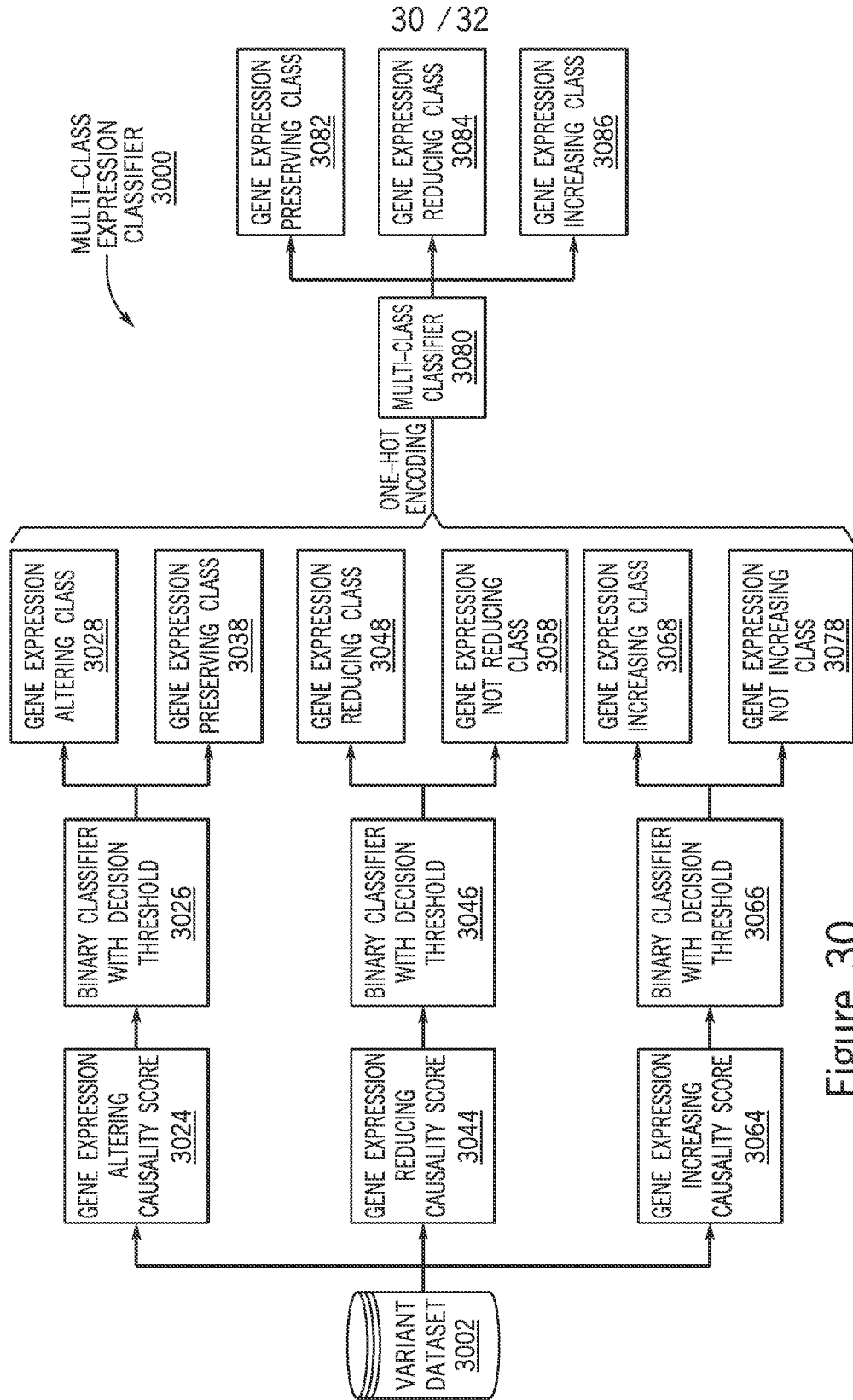


Figure 30

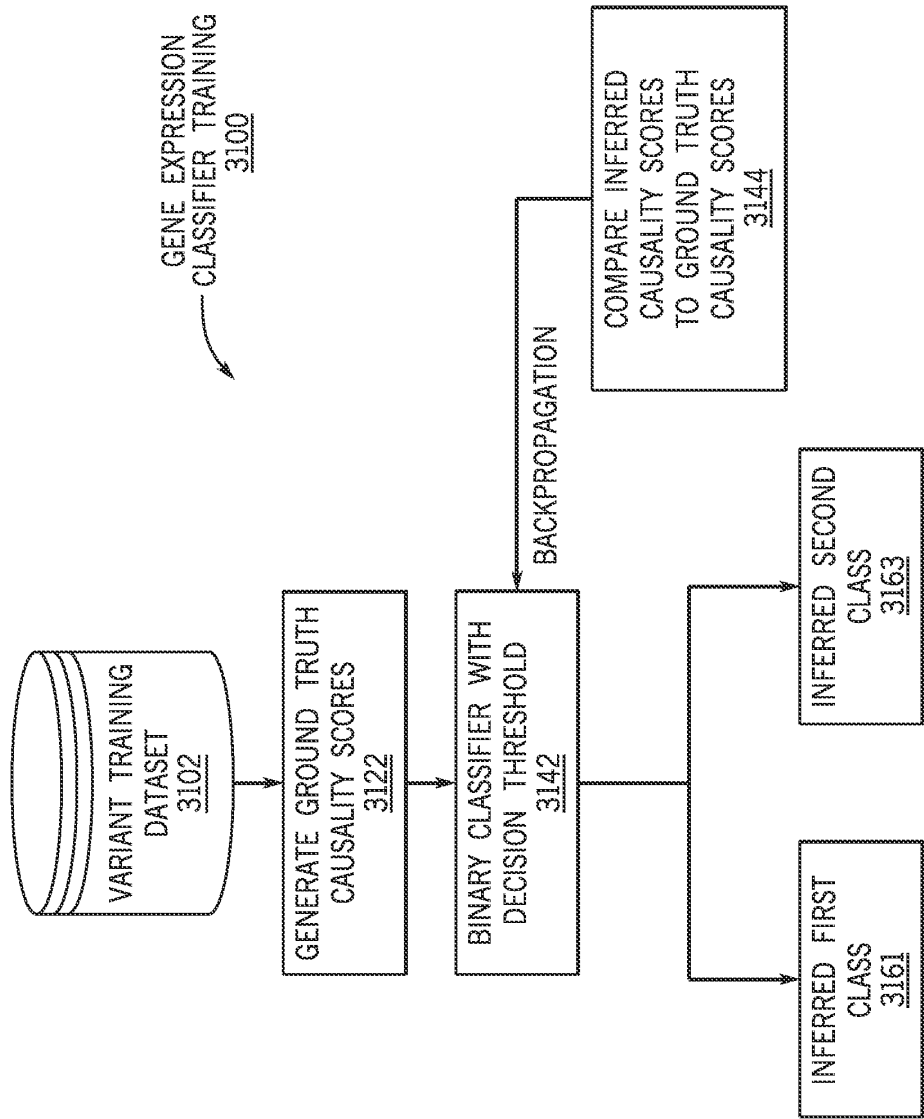


Figure 31

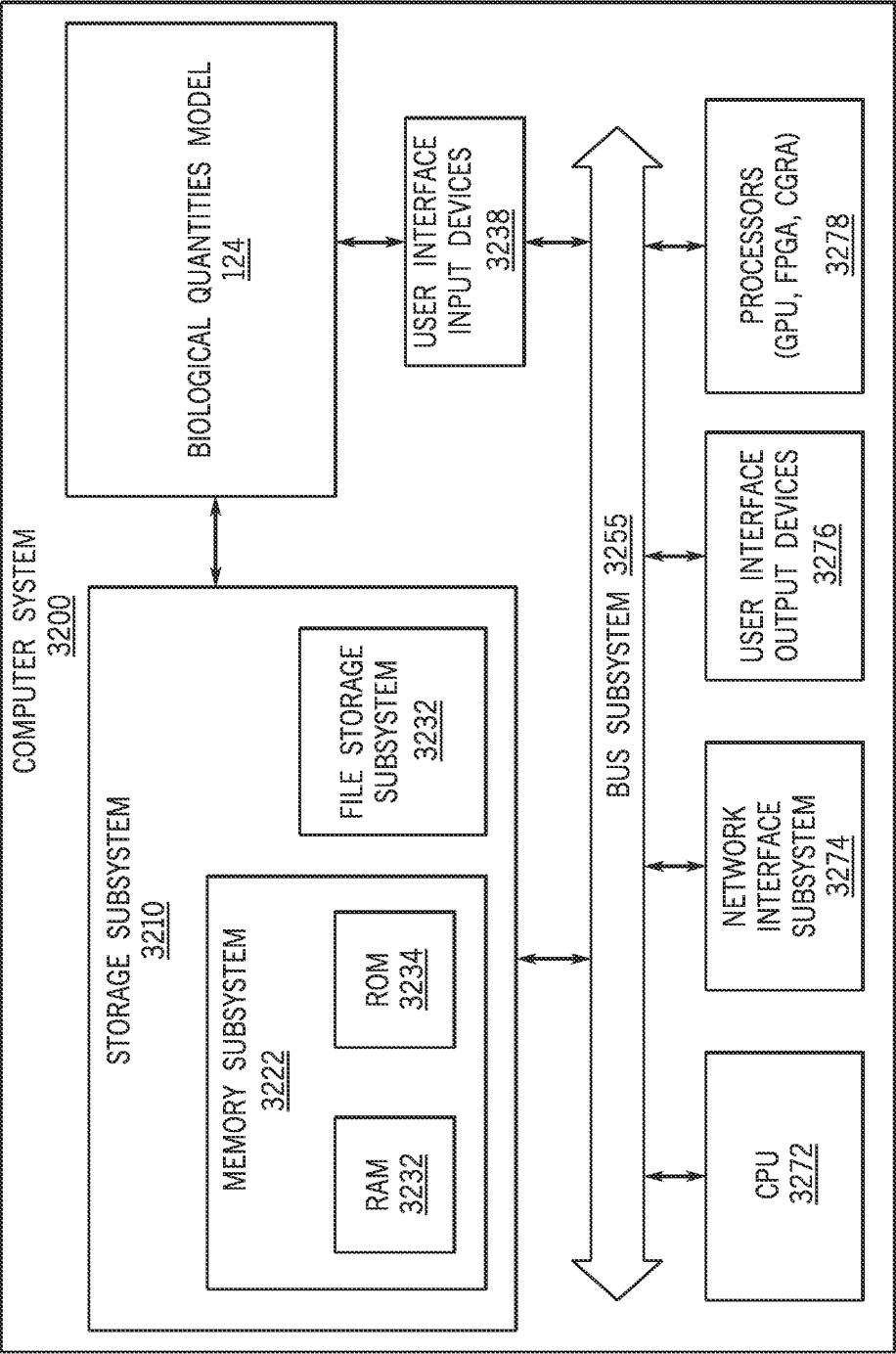


Figure 32