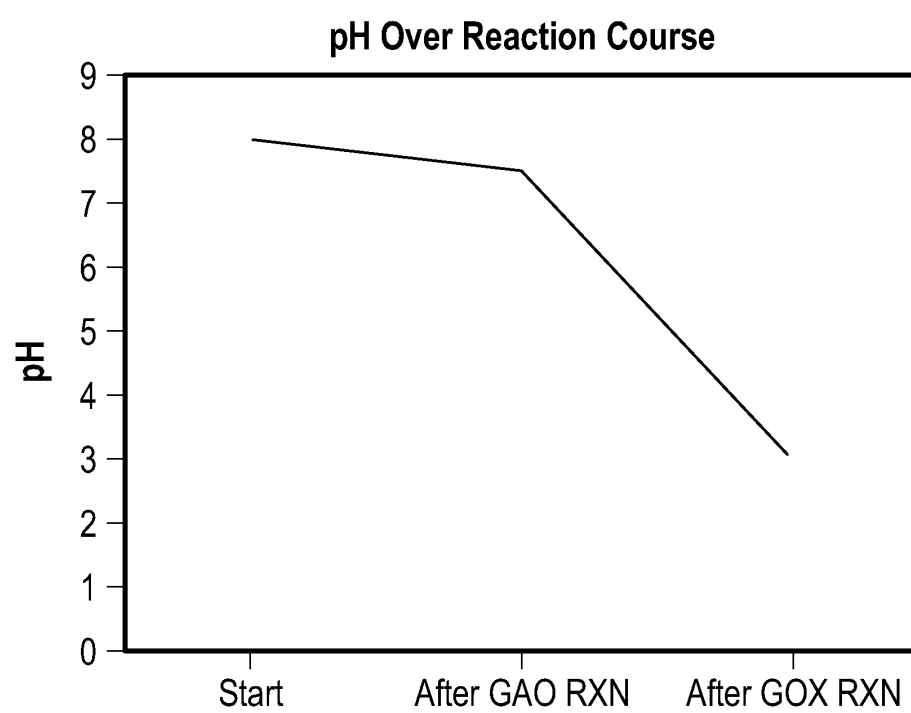


**FIG. 1A**

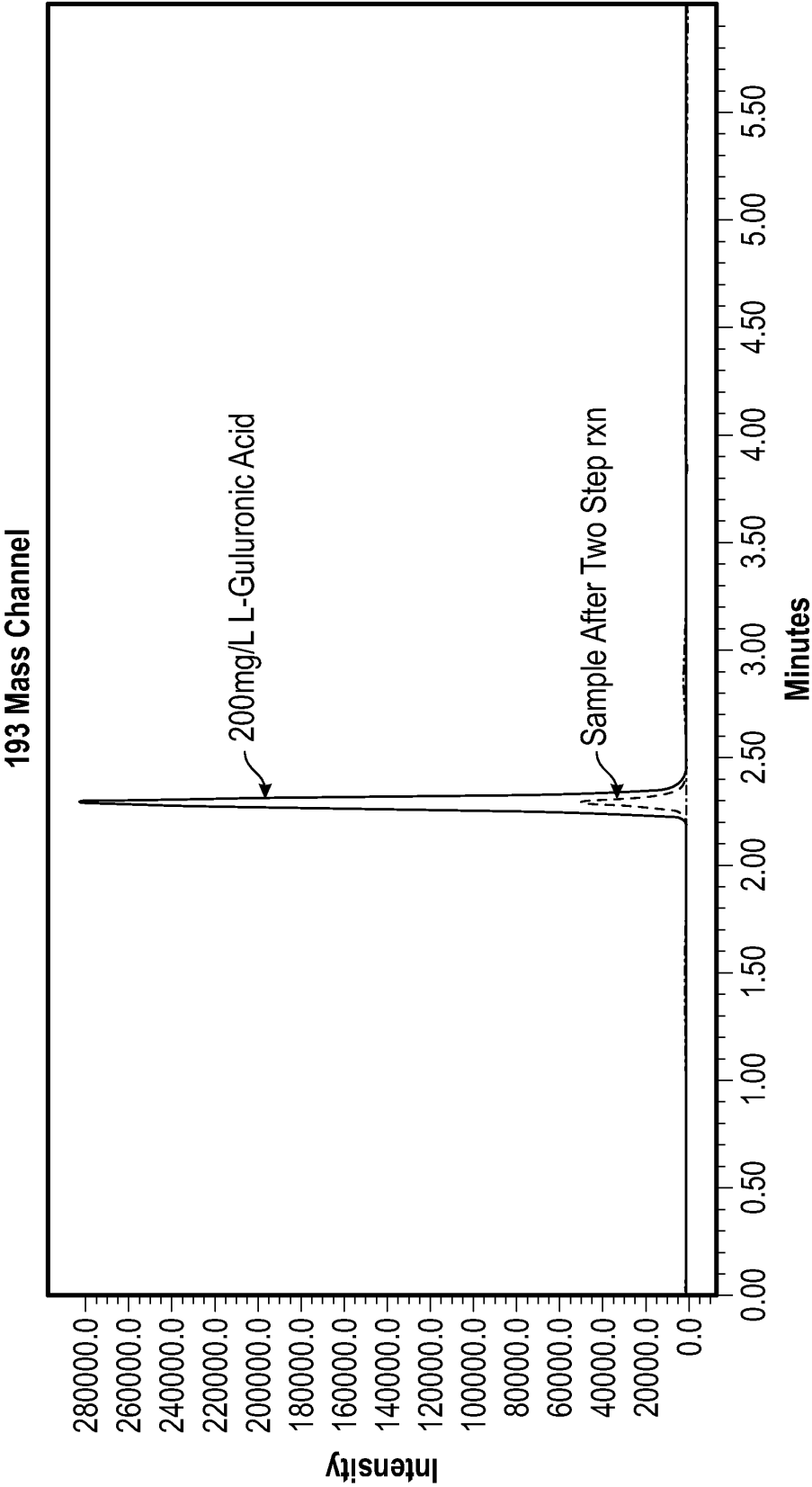


FIG. 1B

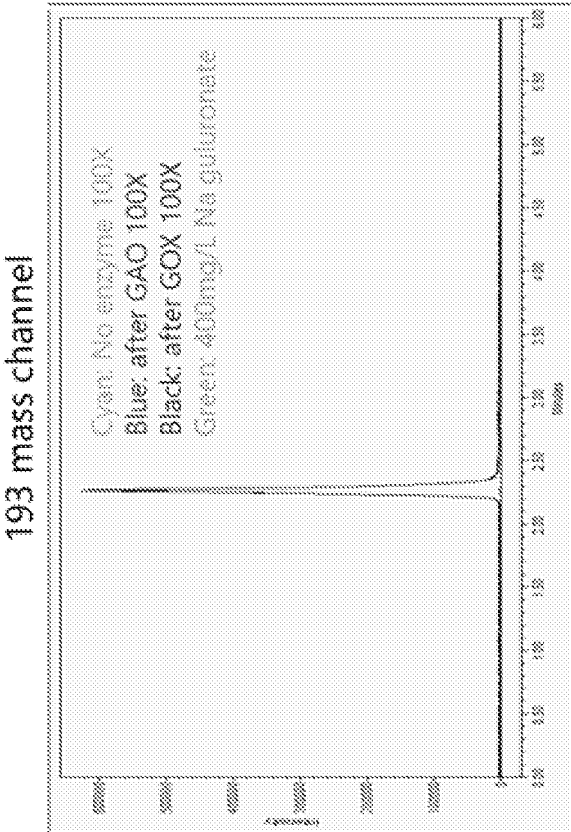


FIGURE 2B

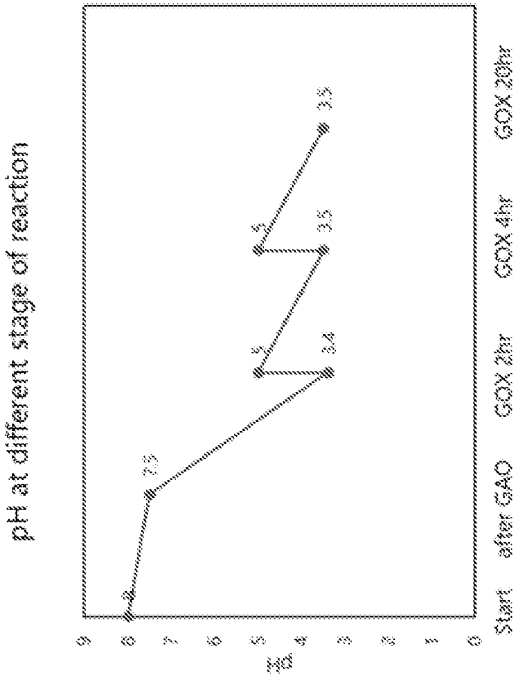


FIGURE 2A

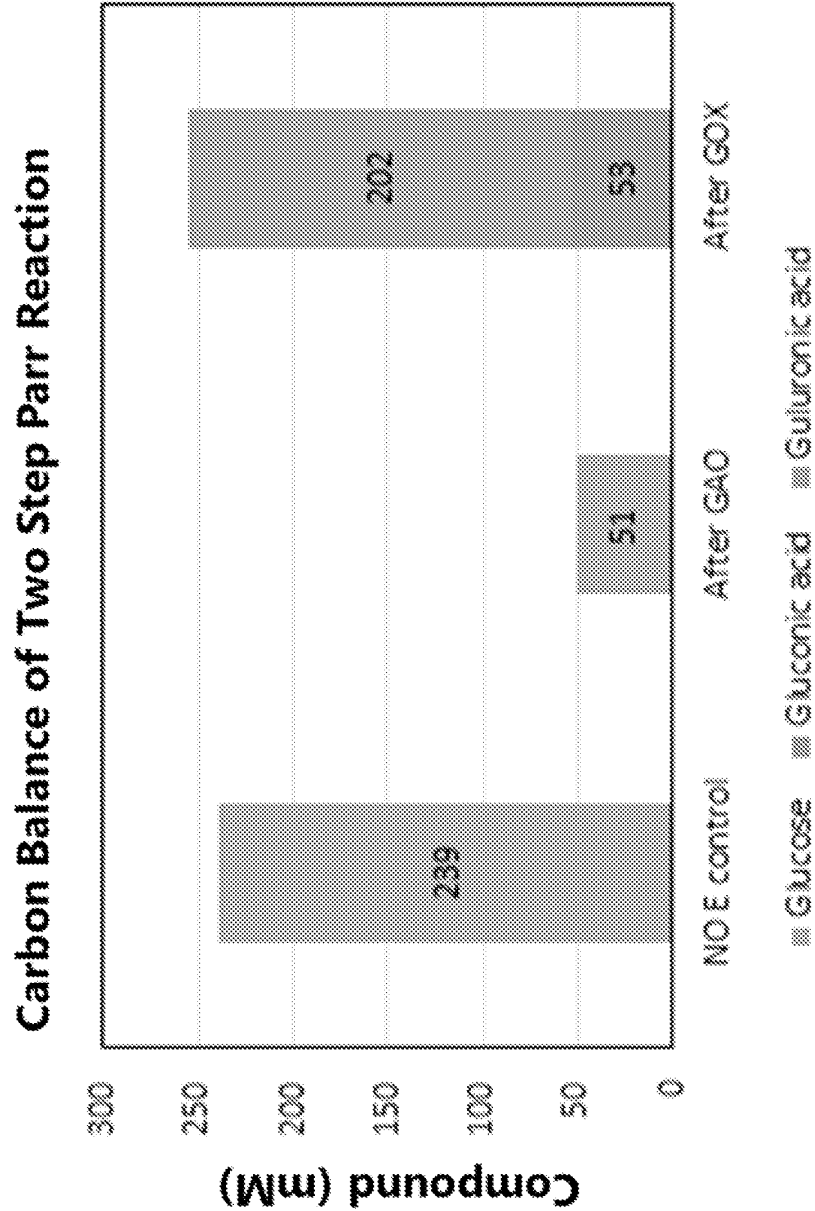


FIGURE 3

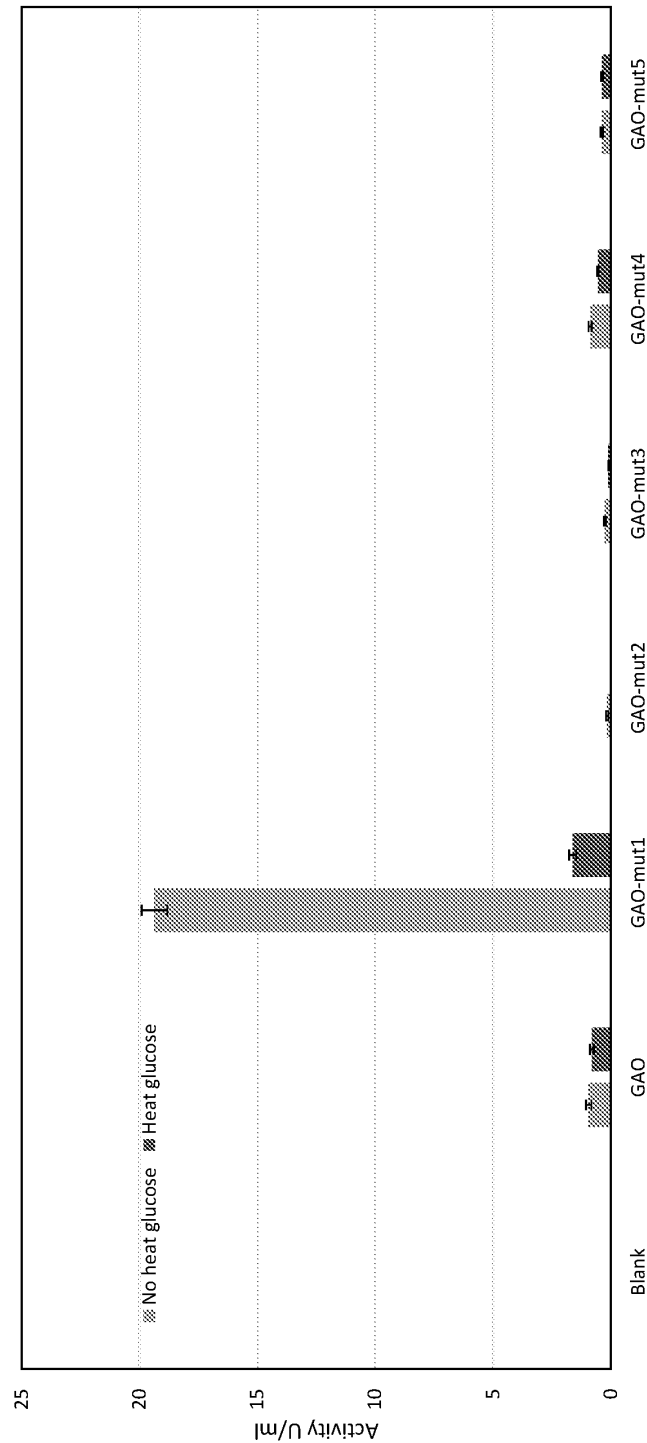


FIGURE 4

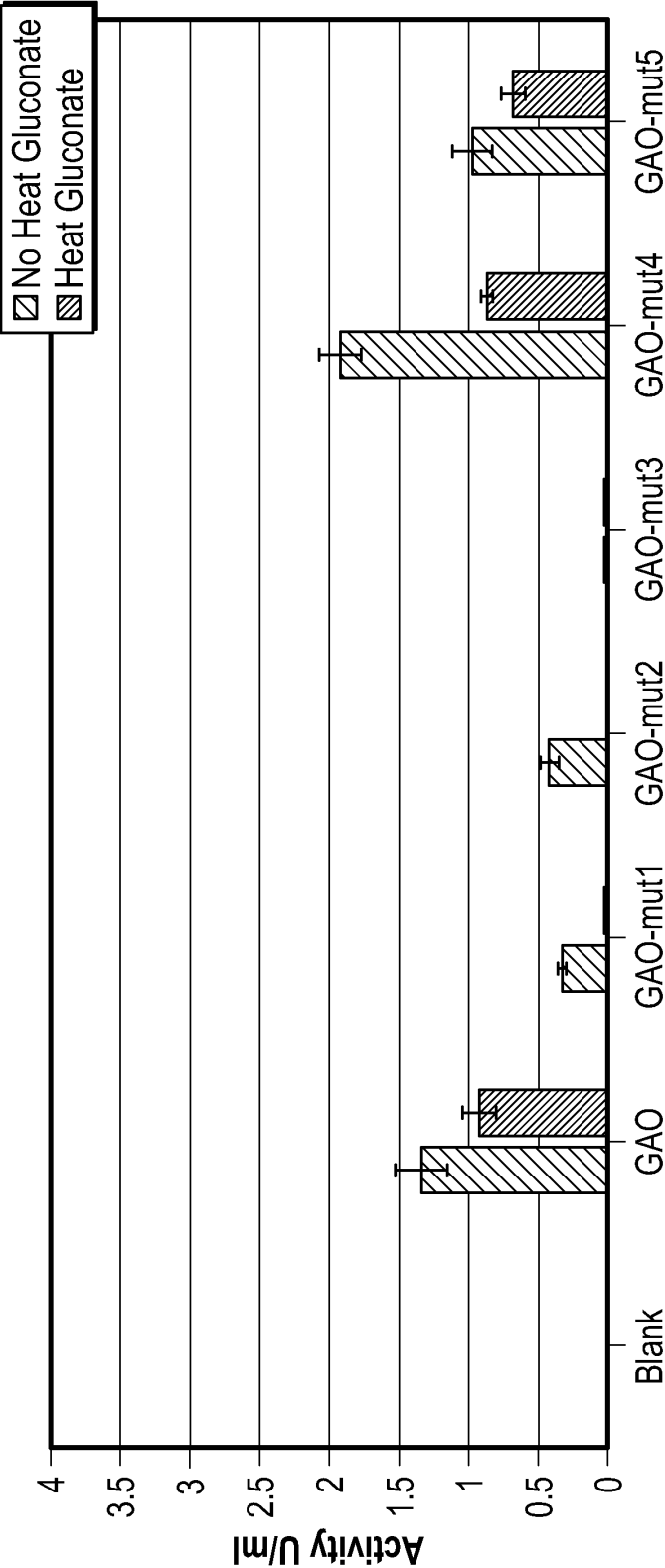


FIG. 5

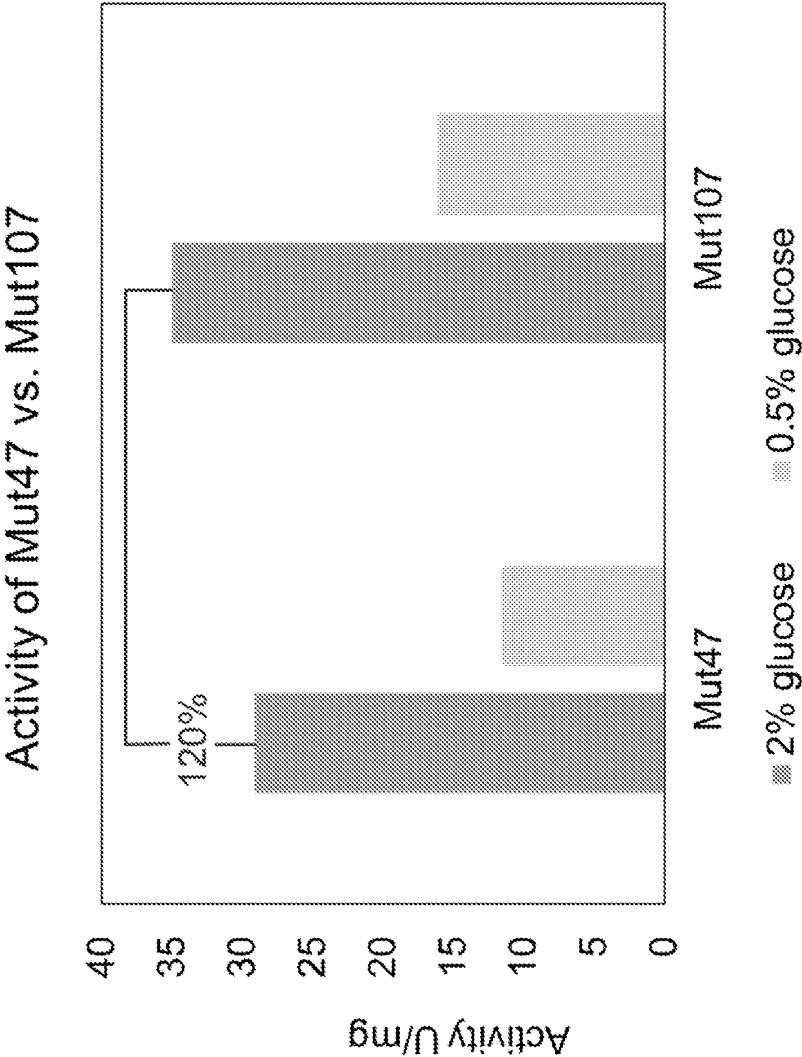


FIGURE 6

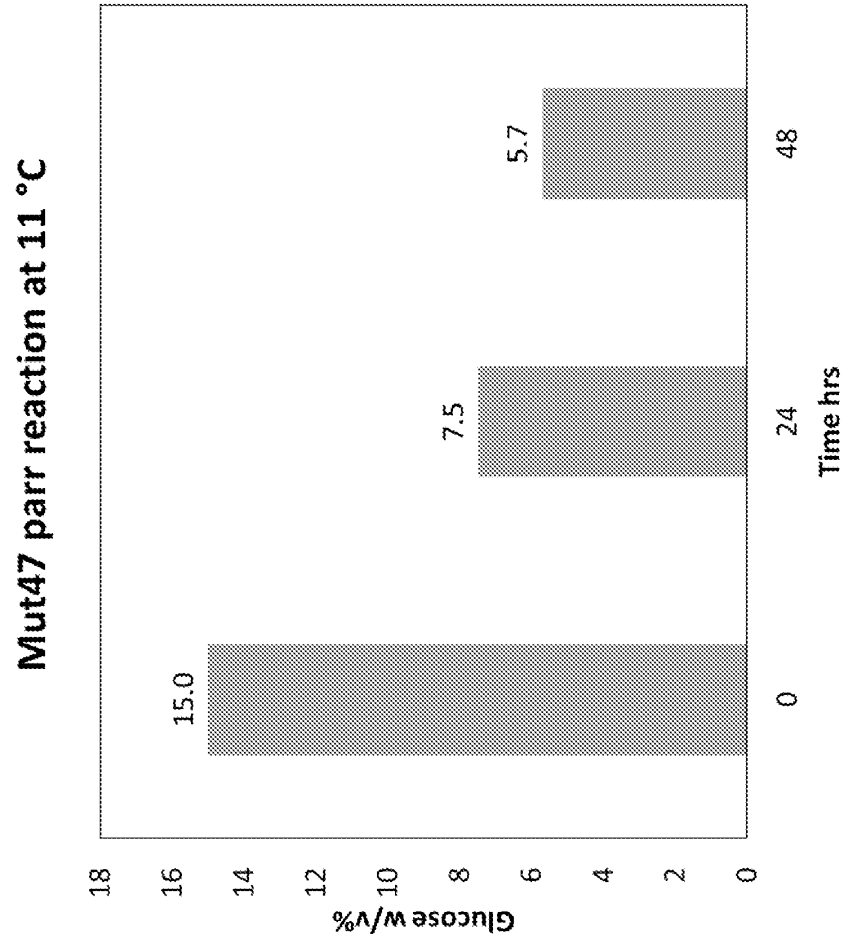
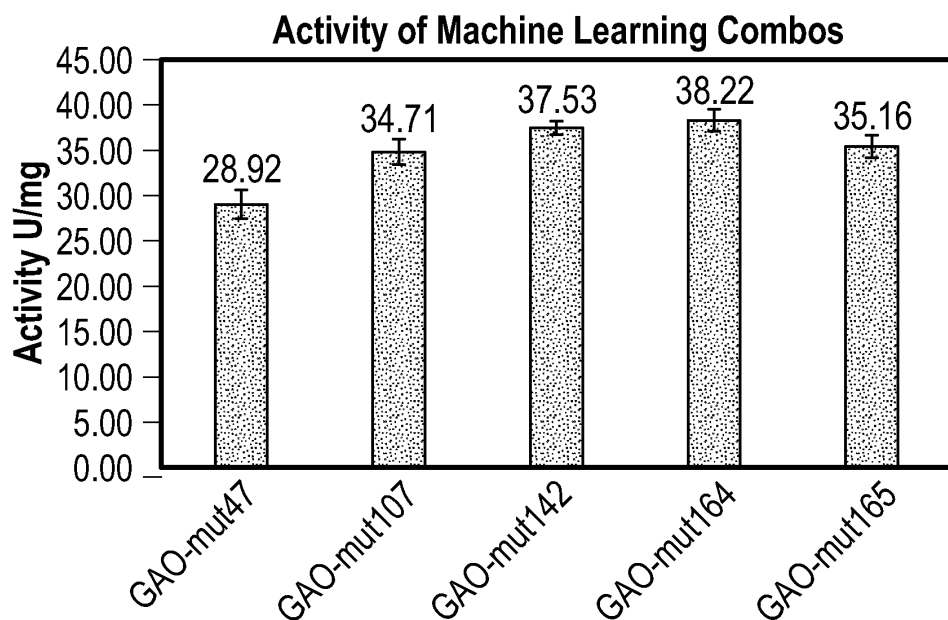
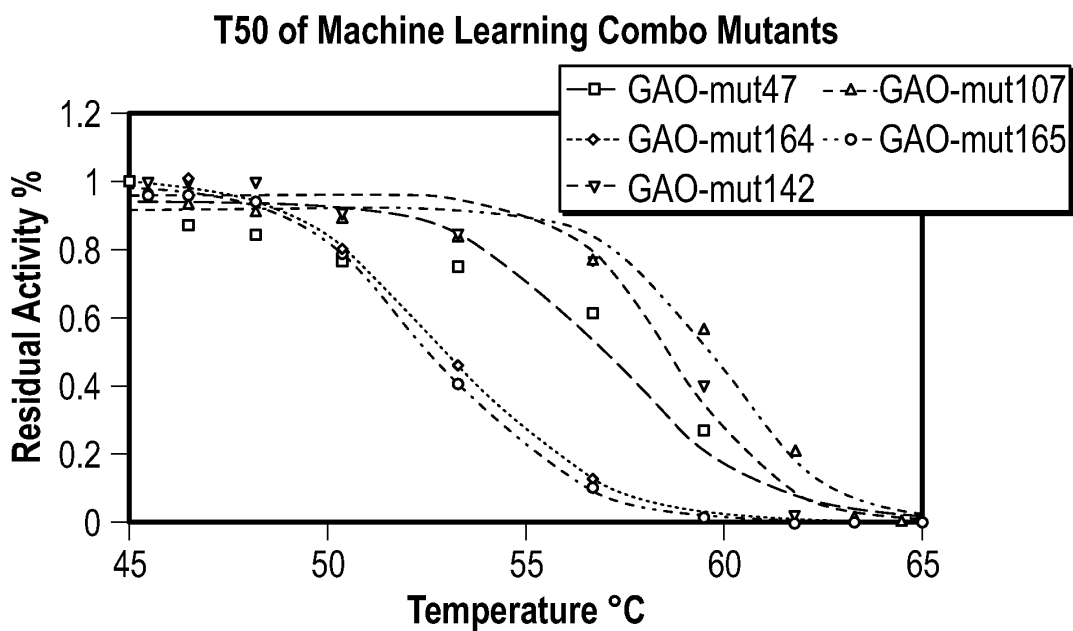
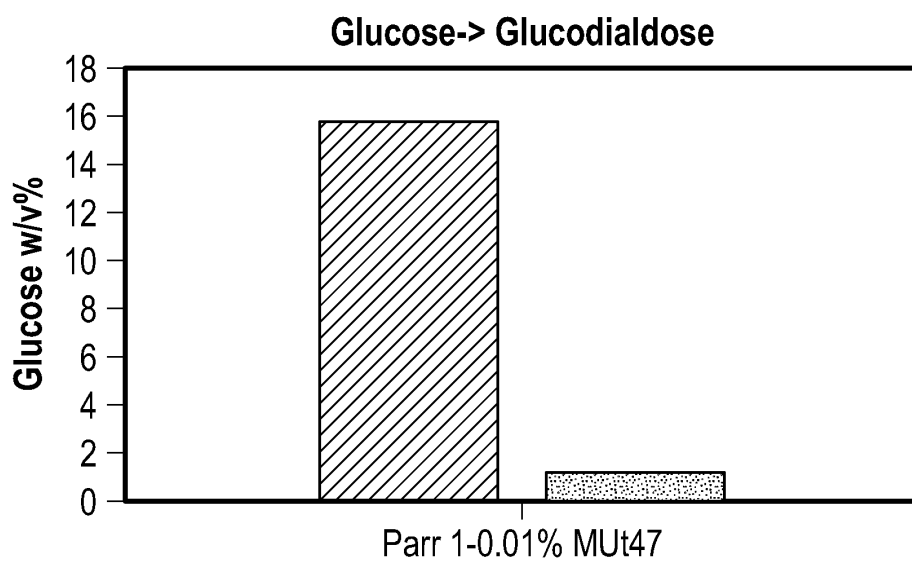
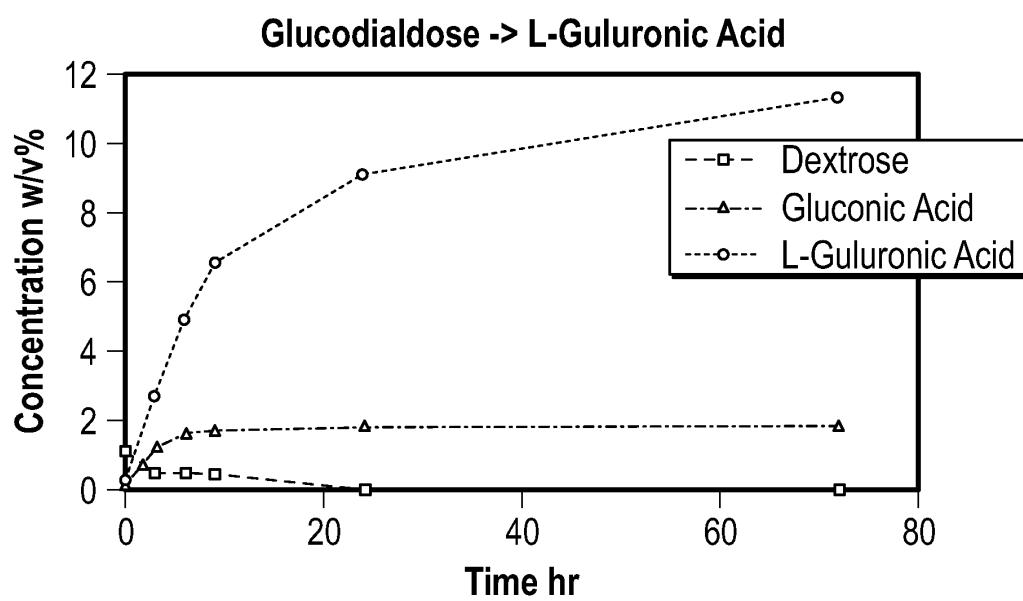


FIGURE 7

**FIG. 8A****FIG. 8B**

**FIG. 9A****FIG. 9B**

SUBSTITUTE SHEET (RULE 26)

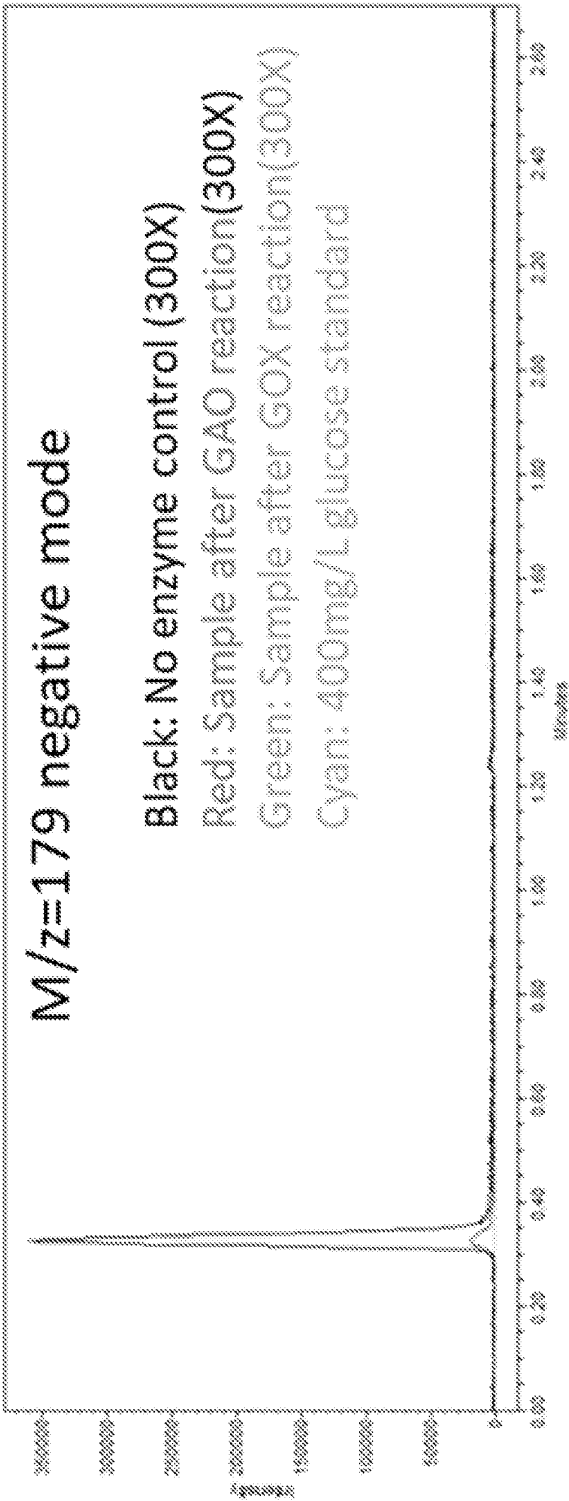


FIGURE 9C

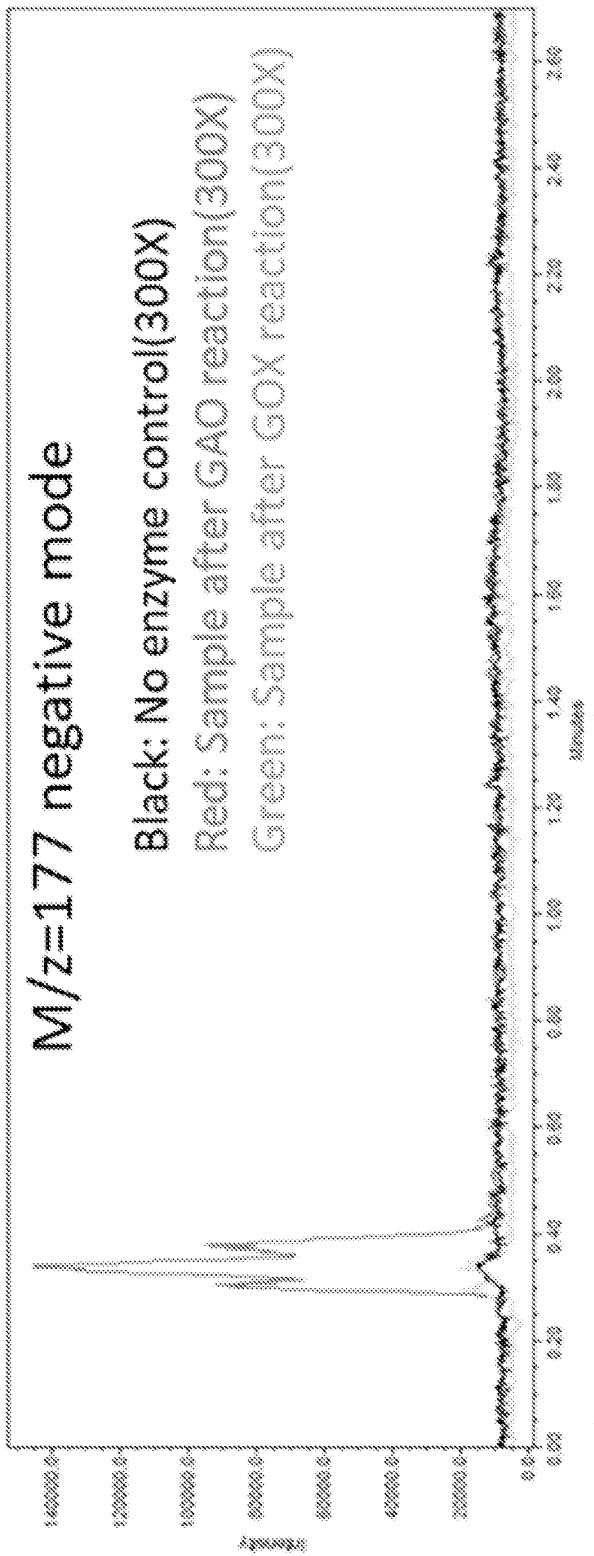


FIGURE 9D

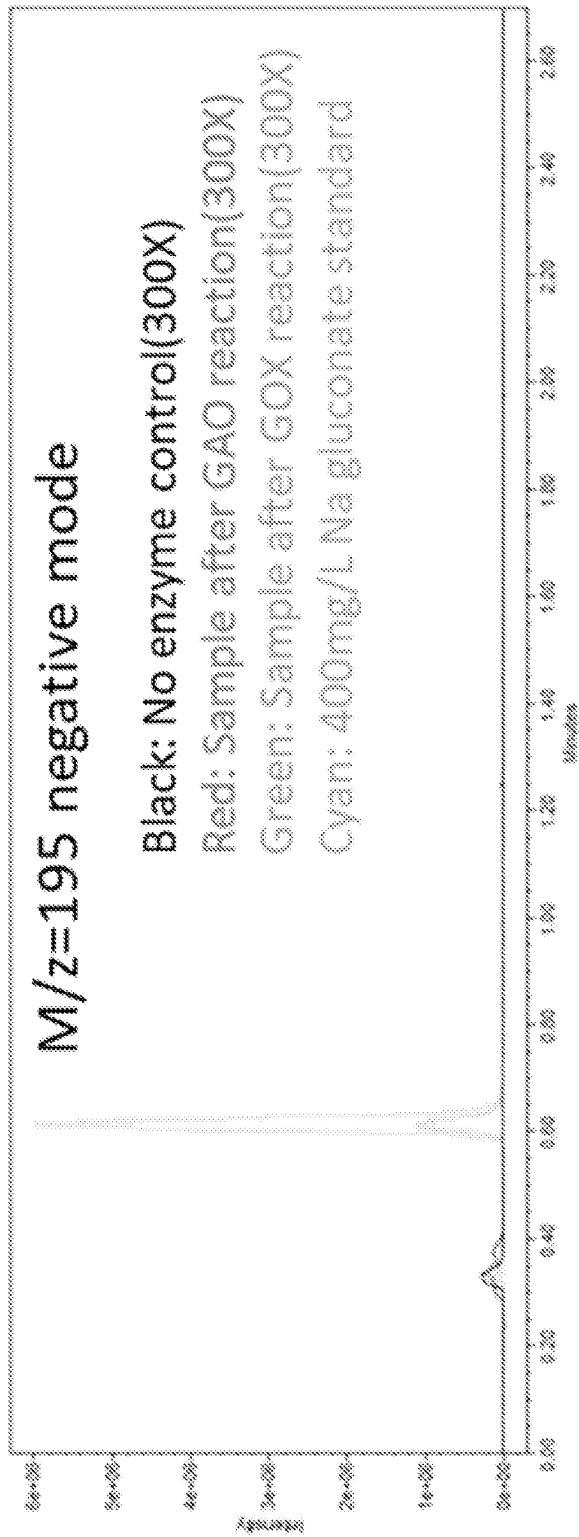


FIGURE 9E

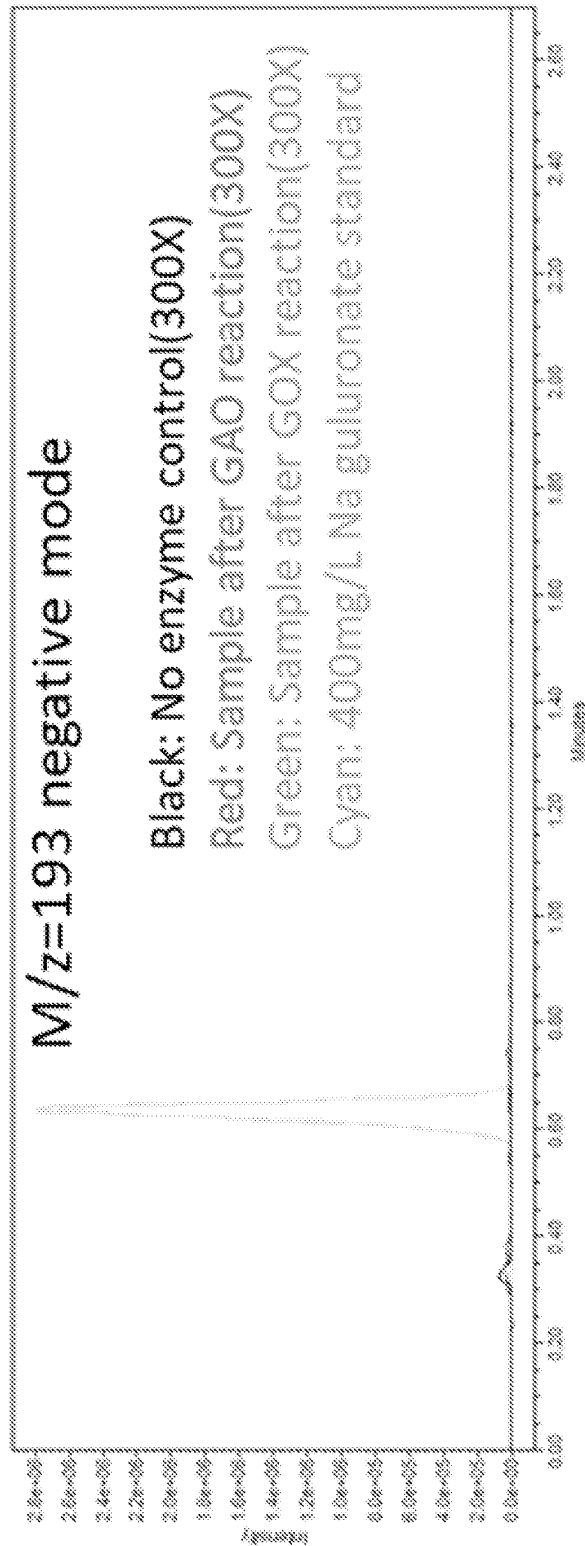


FIGURE 9F

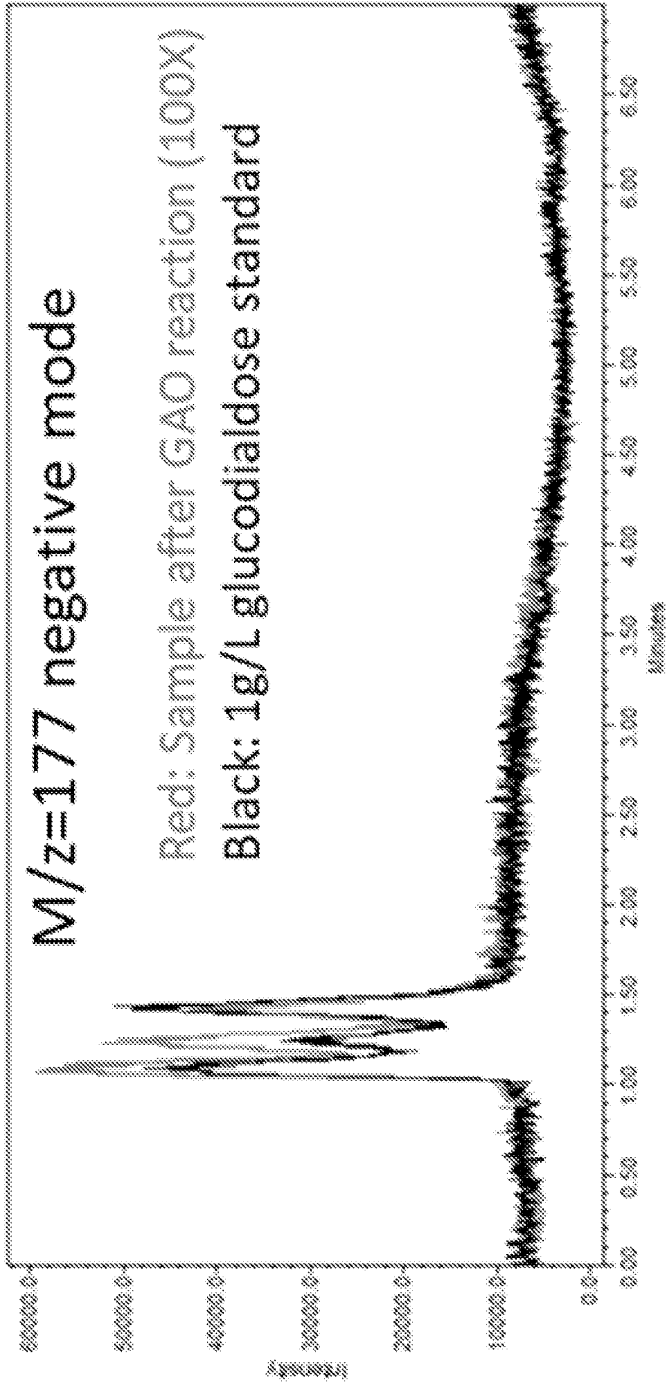


FIGURE 9G

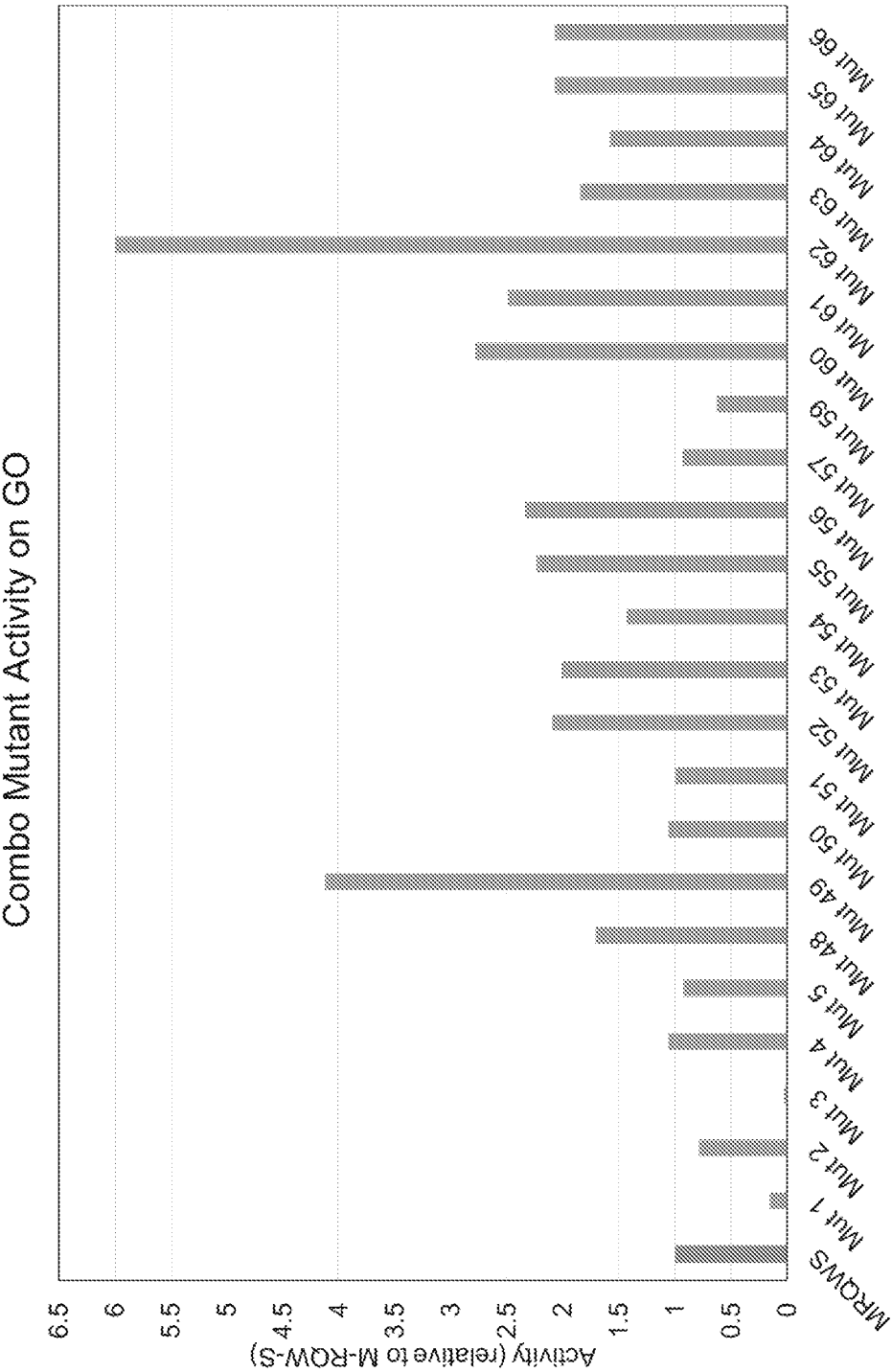


FIGURE 10

Glucose -> L-guluronic acid

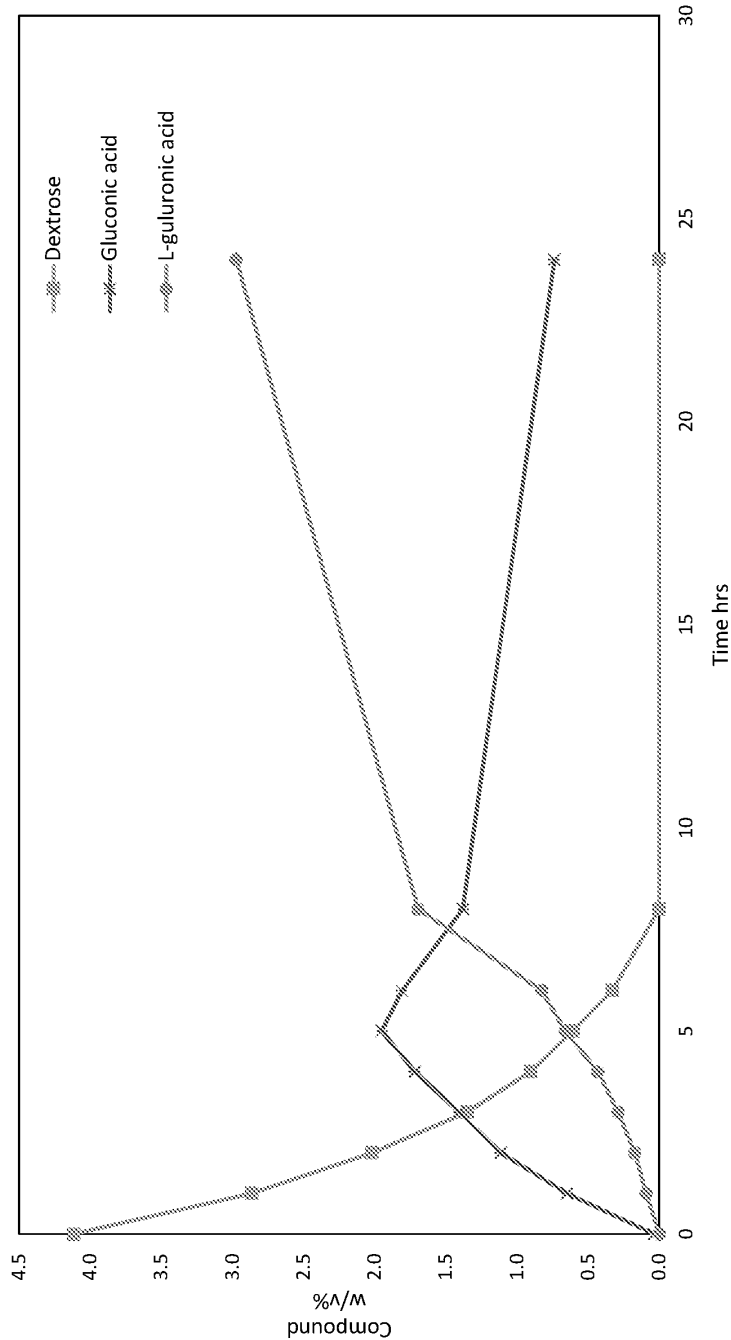


FIGURE 11

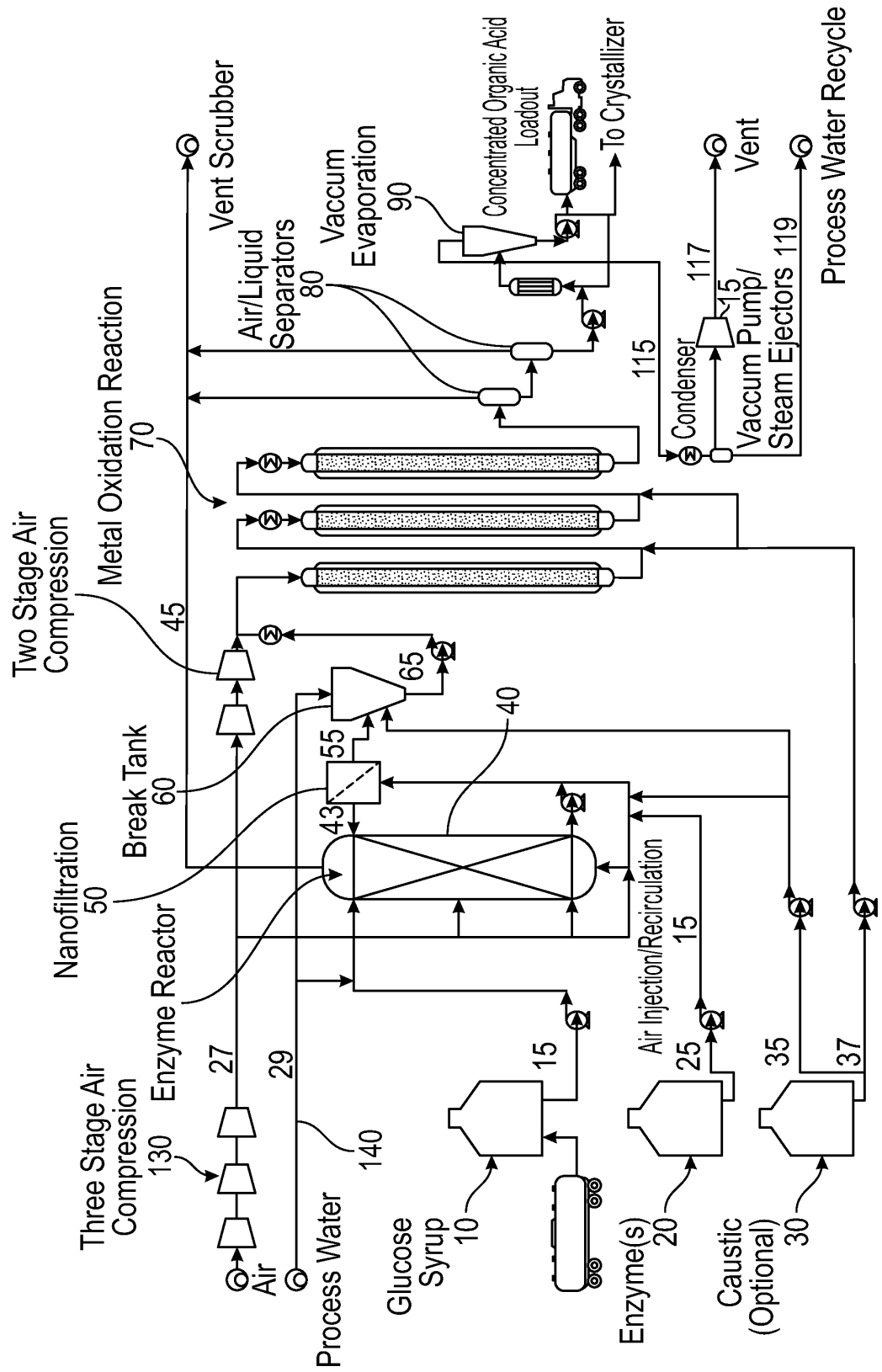


FIG. 12