

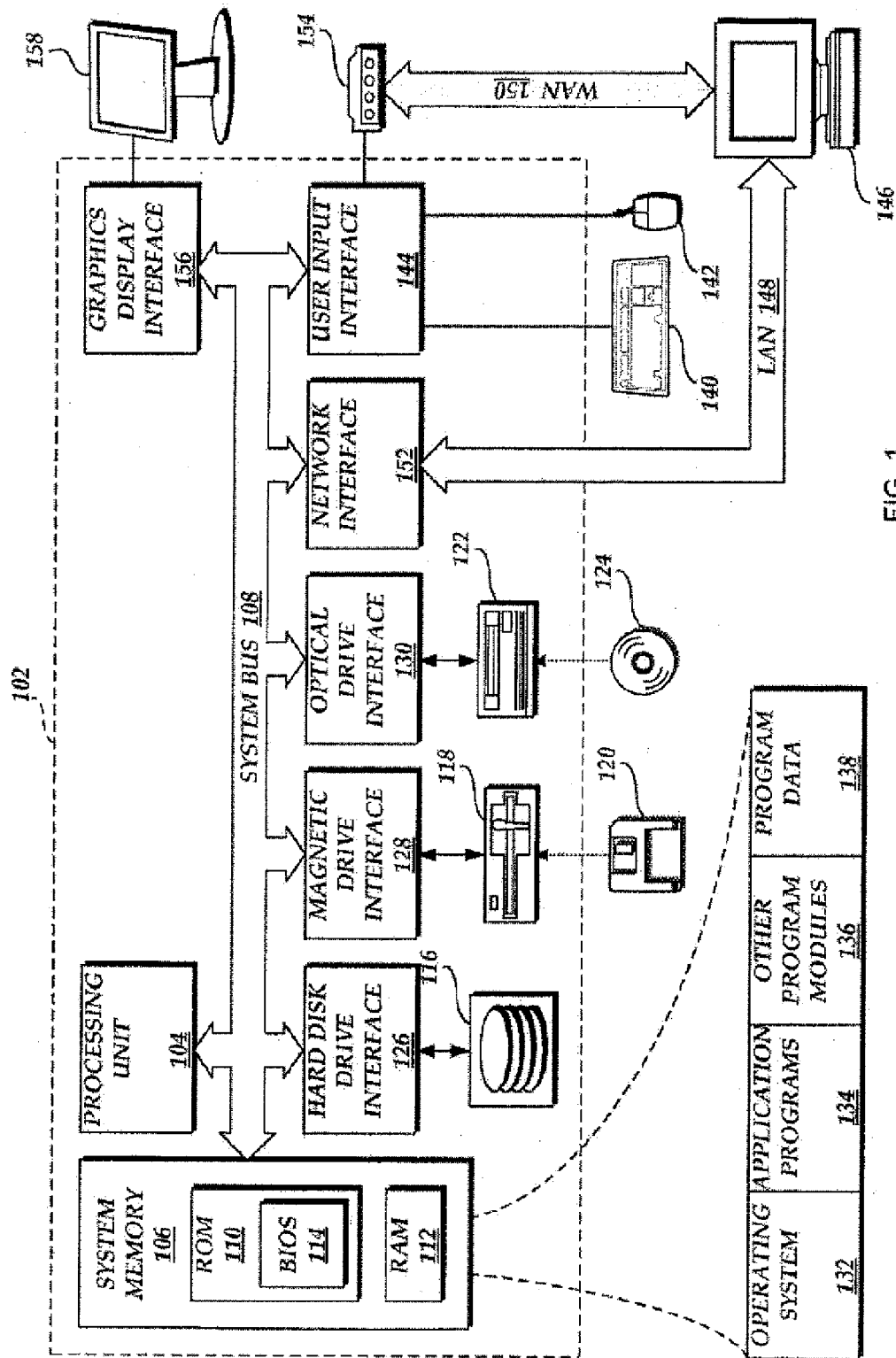
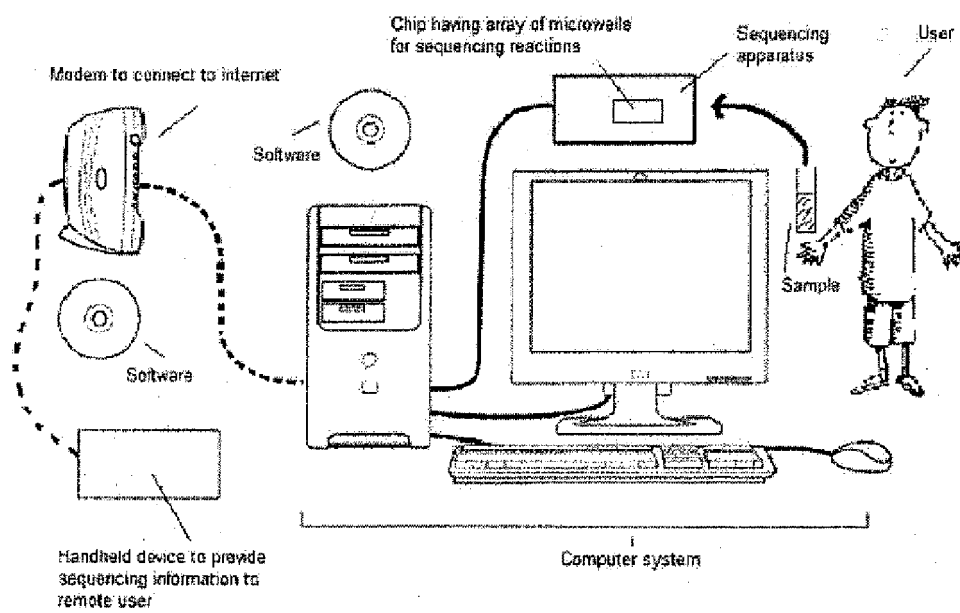


FIG. 1

**FIG. 2**

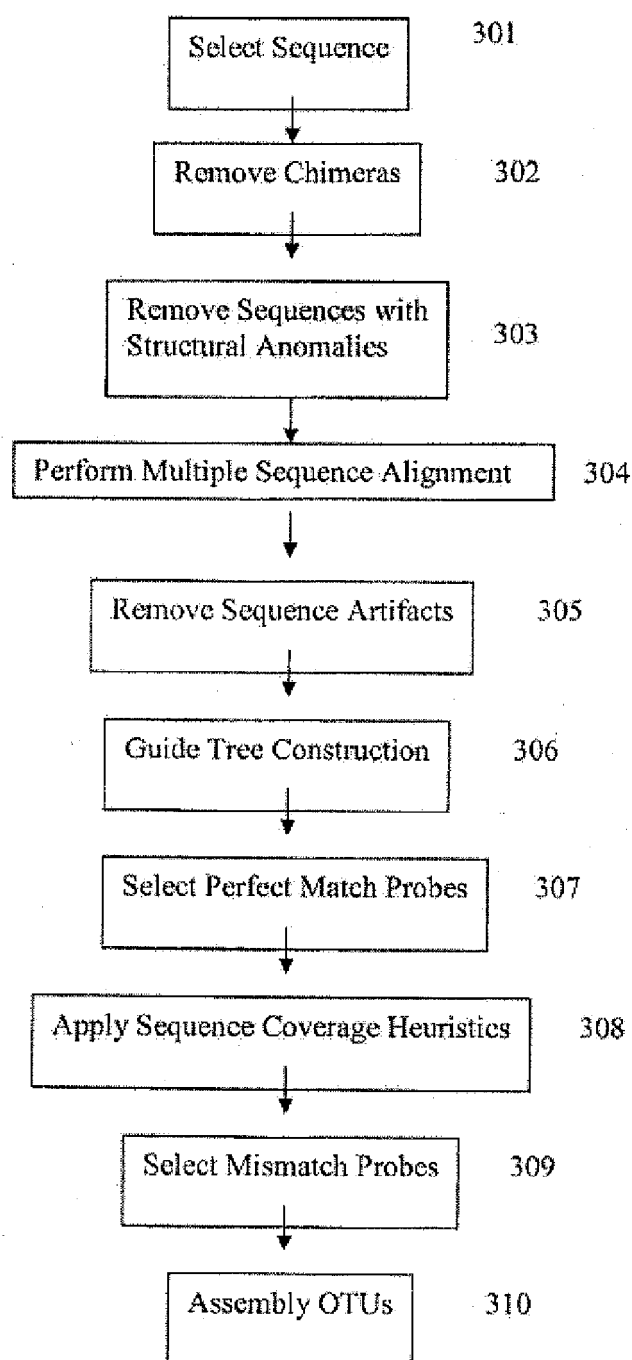


Fig. 3

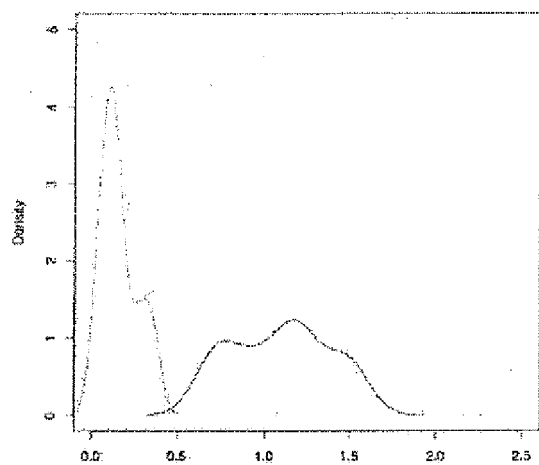


Fig. 4A

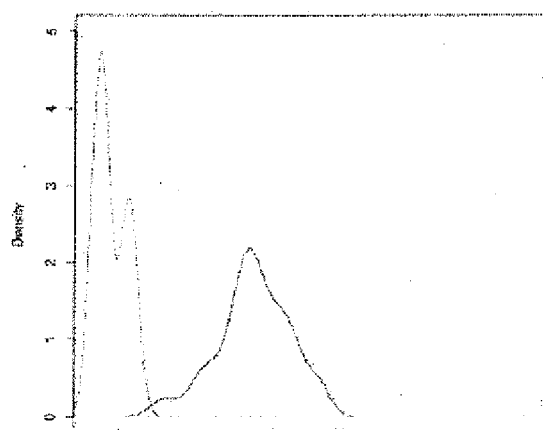


Fig. 4B

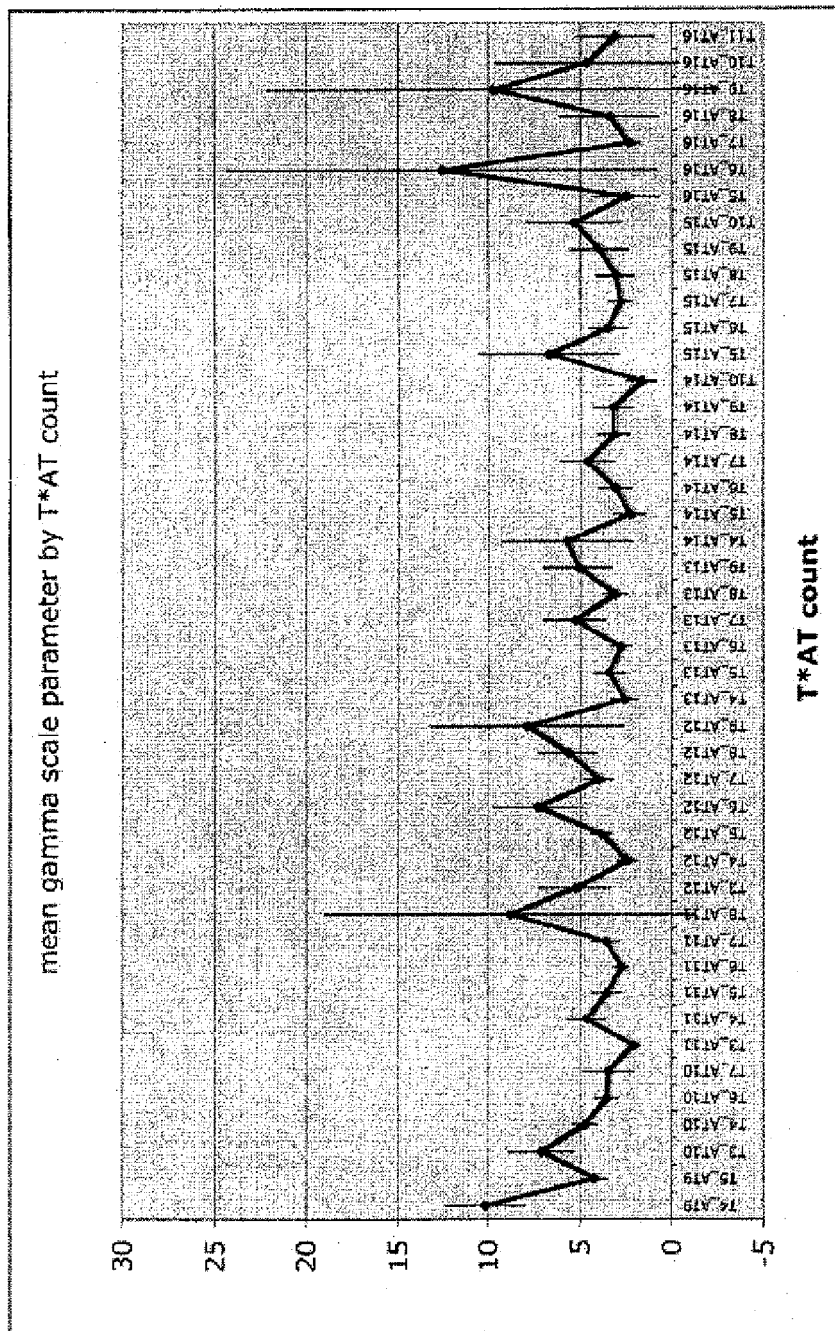


Fig. 5

Fig. 6

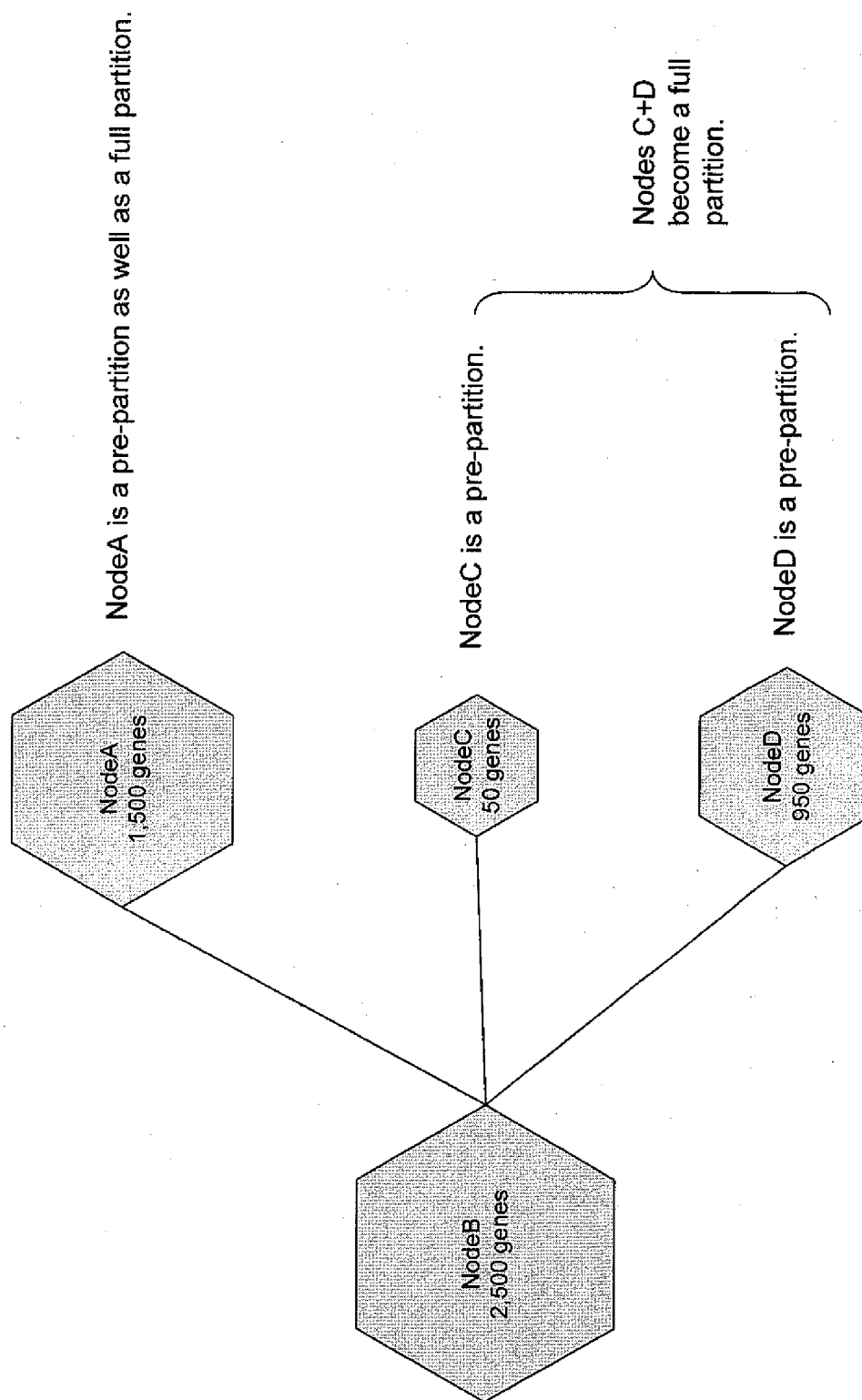


Fig. 7

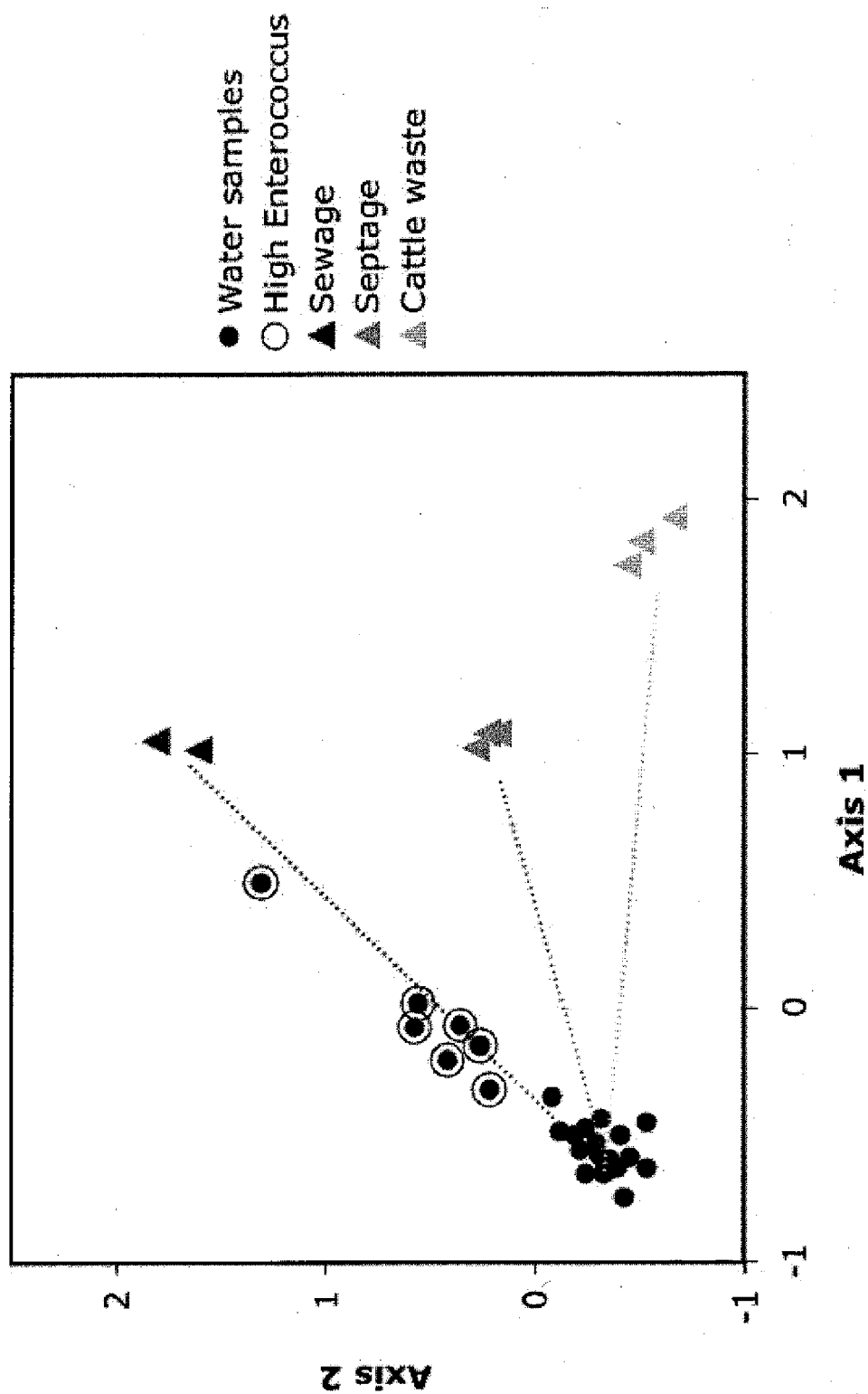
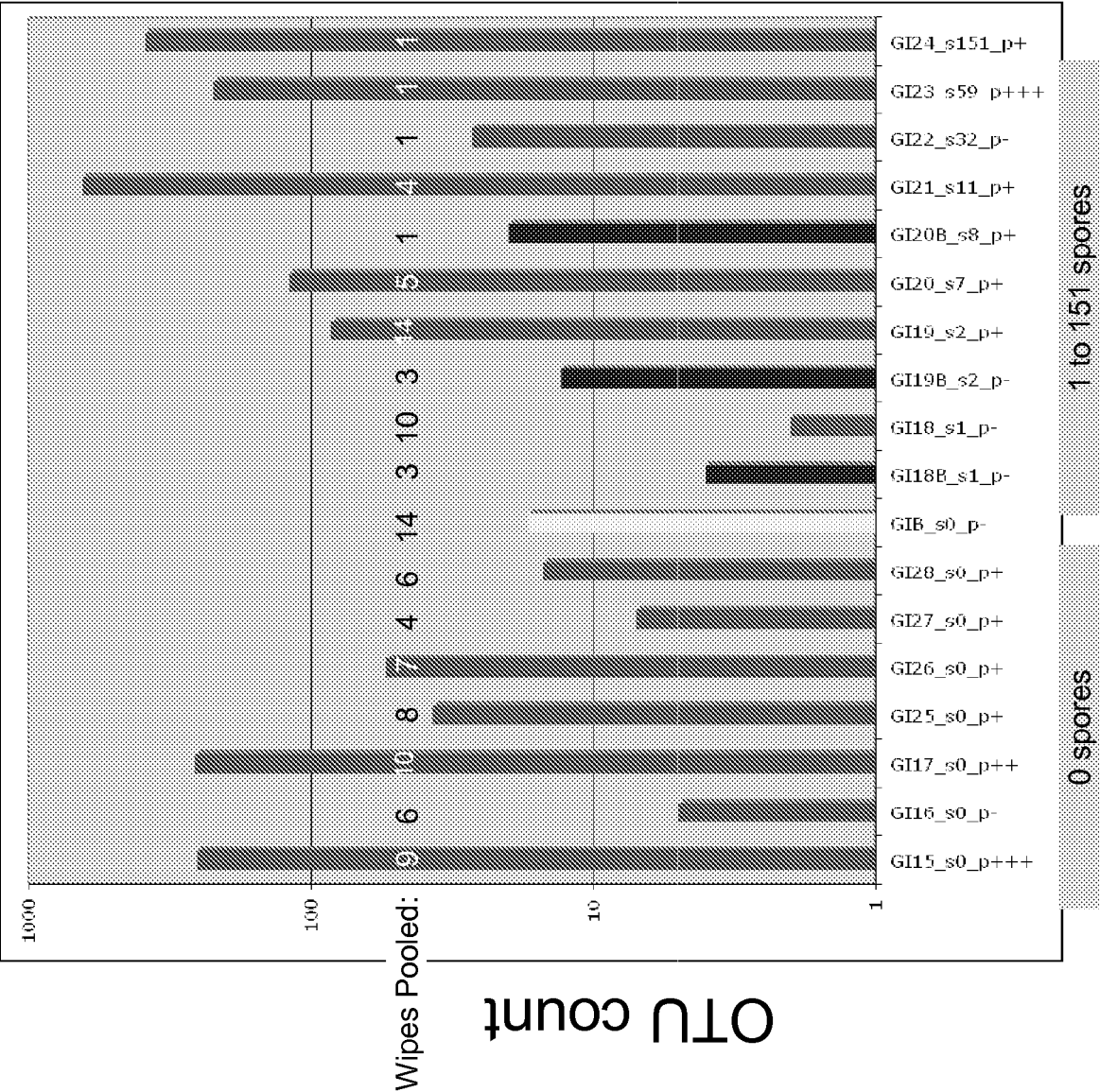


Fig. 8



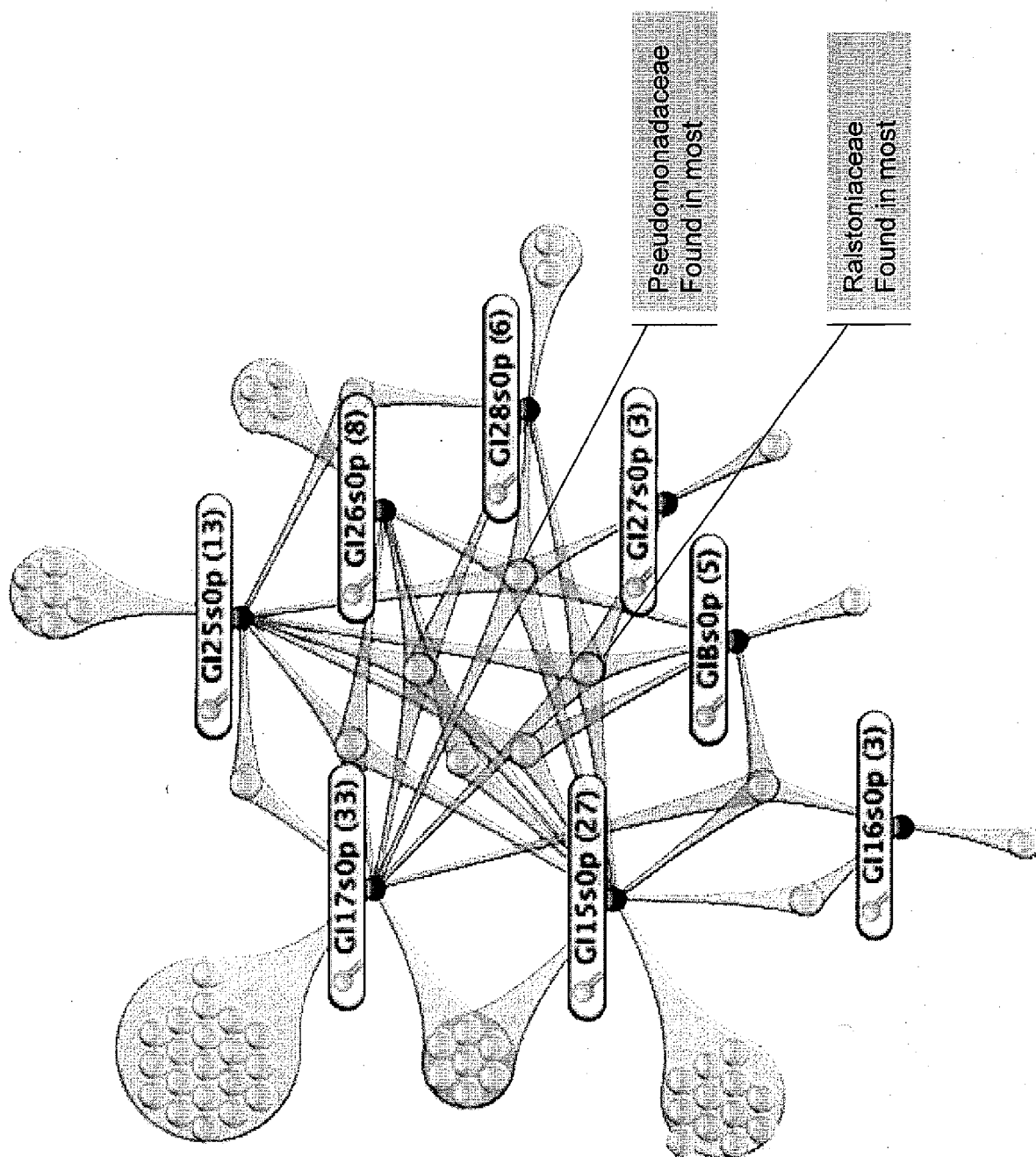


Fig. 9

Fig10A

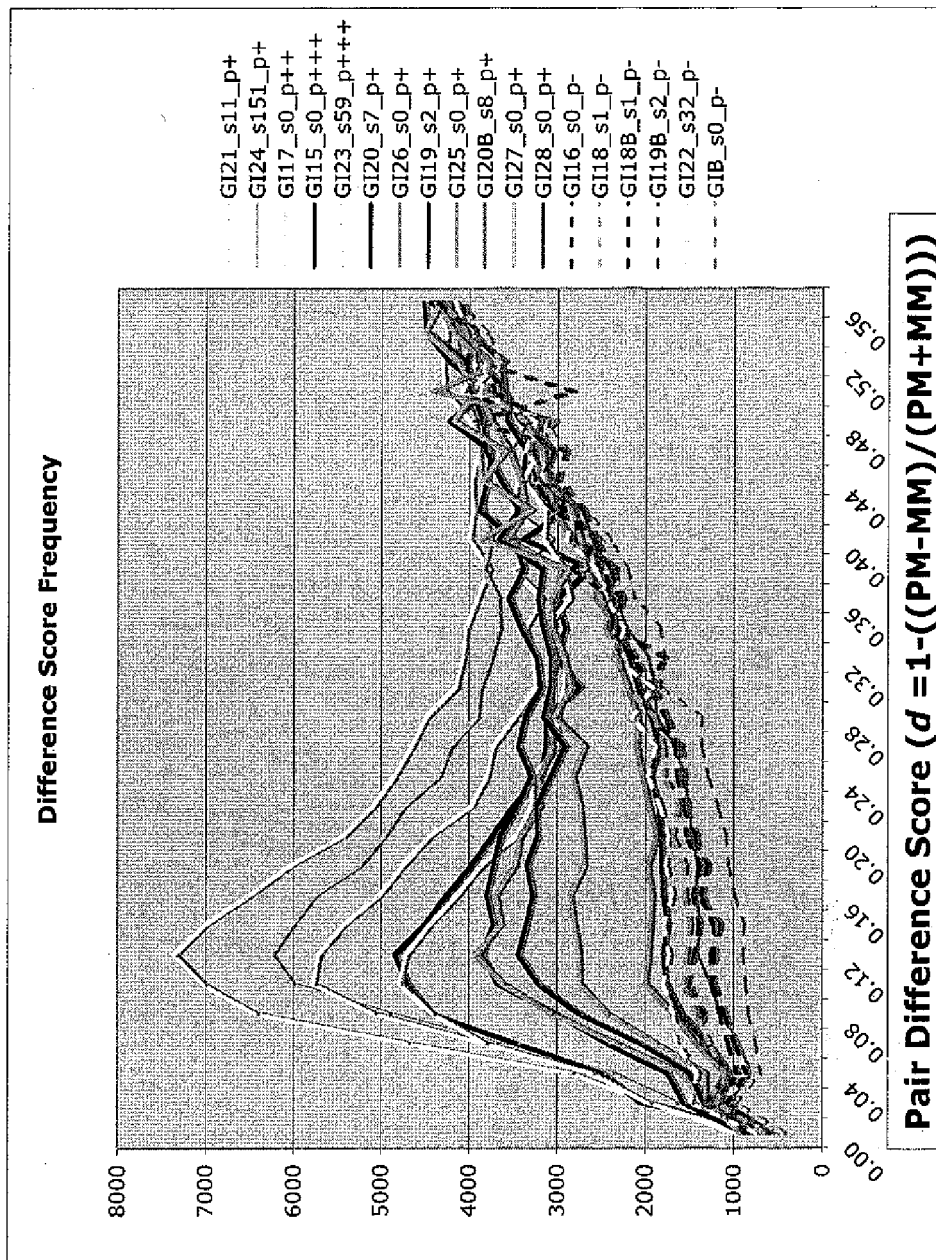
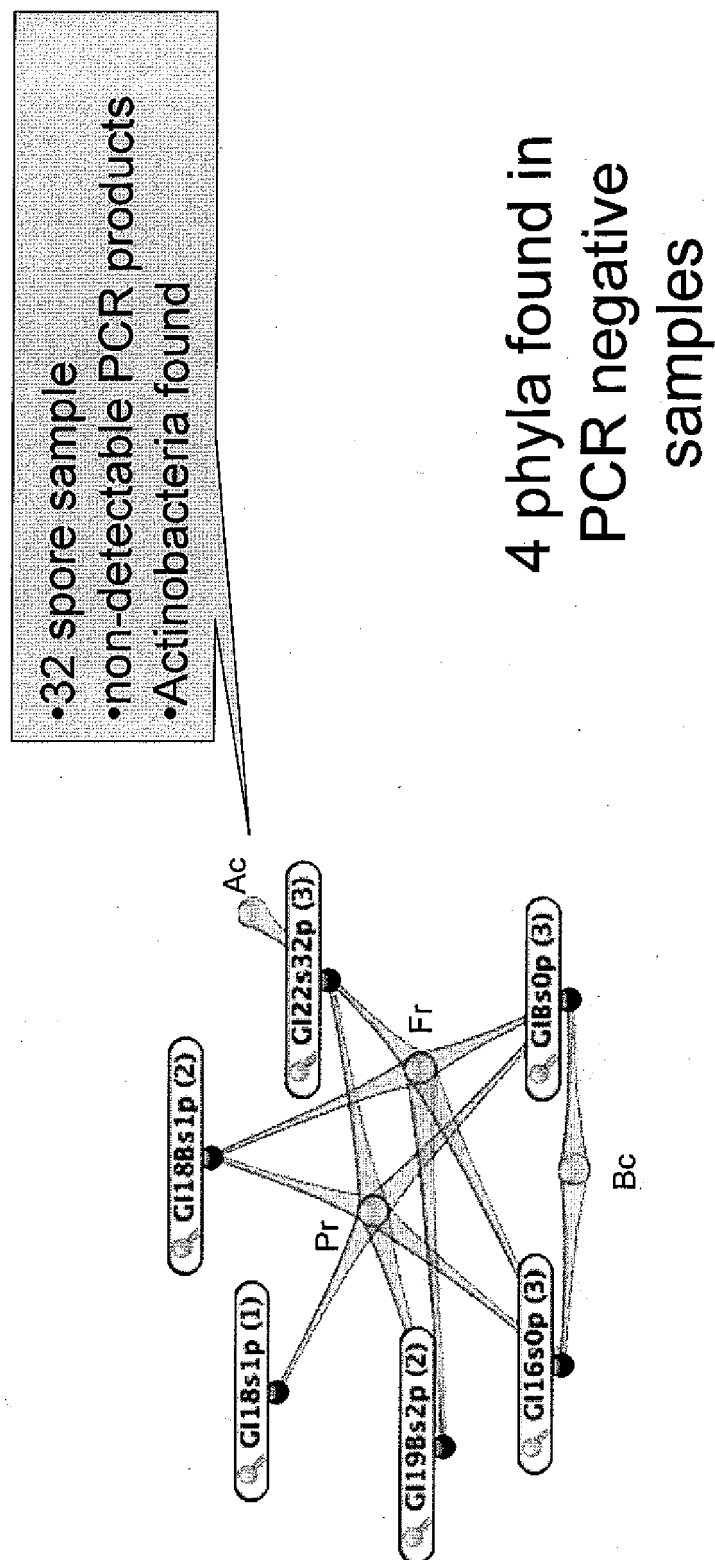


Fig. 10B



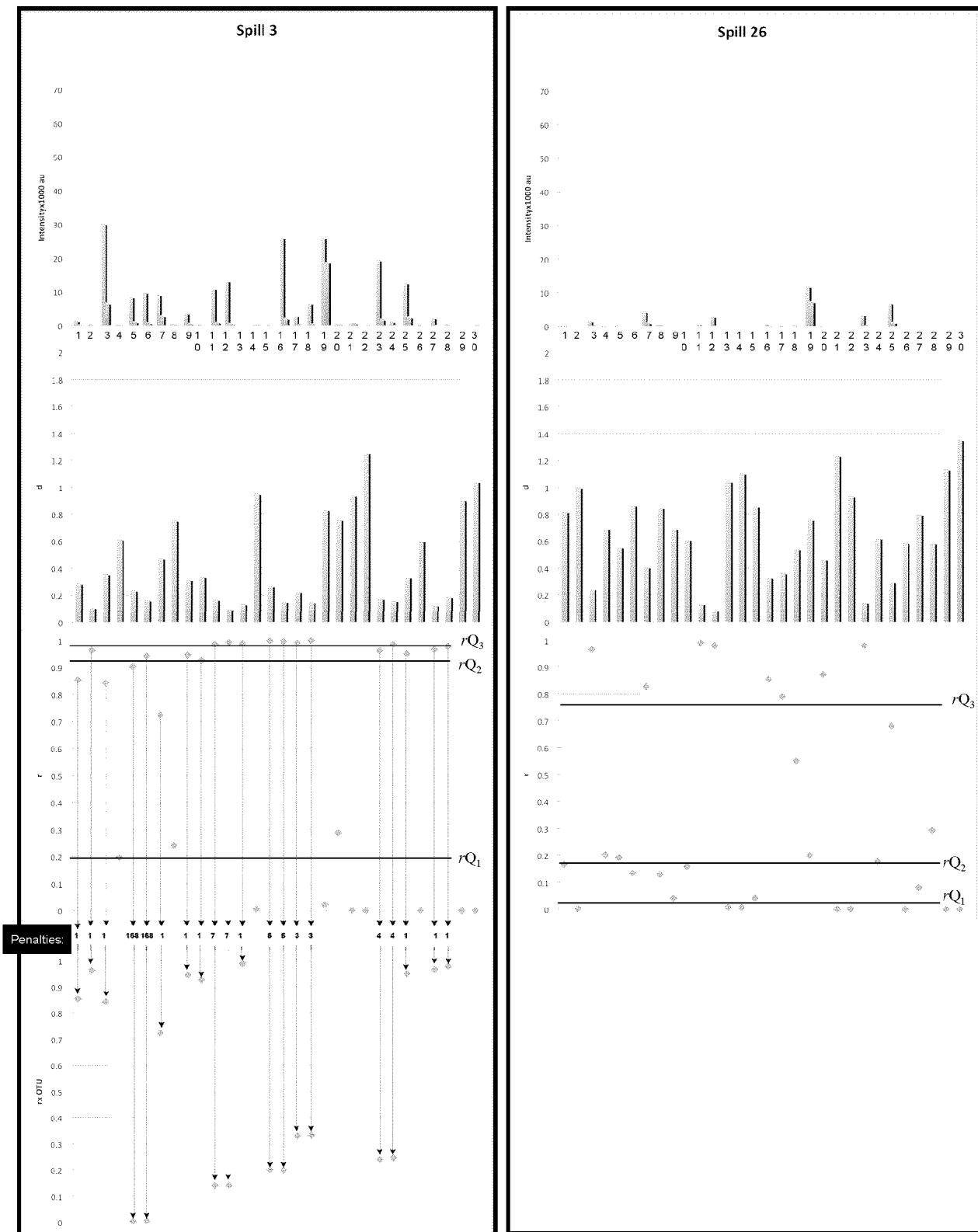


Figure 12 Ruminococcus OTU 38712

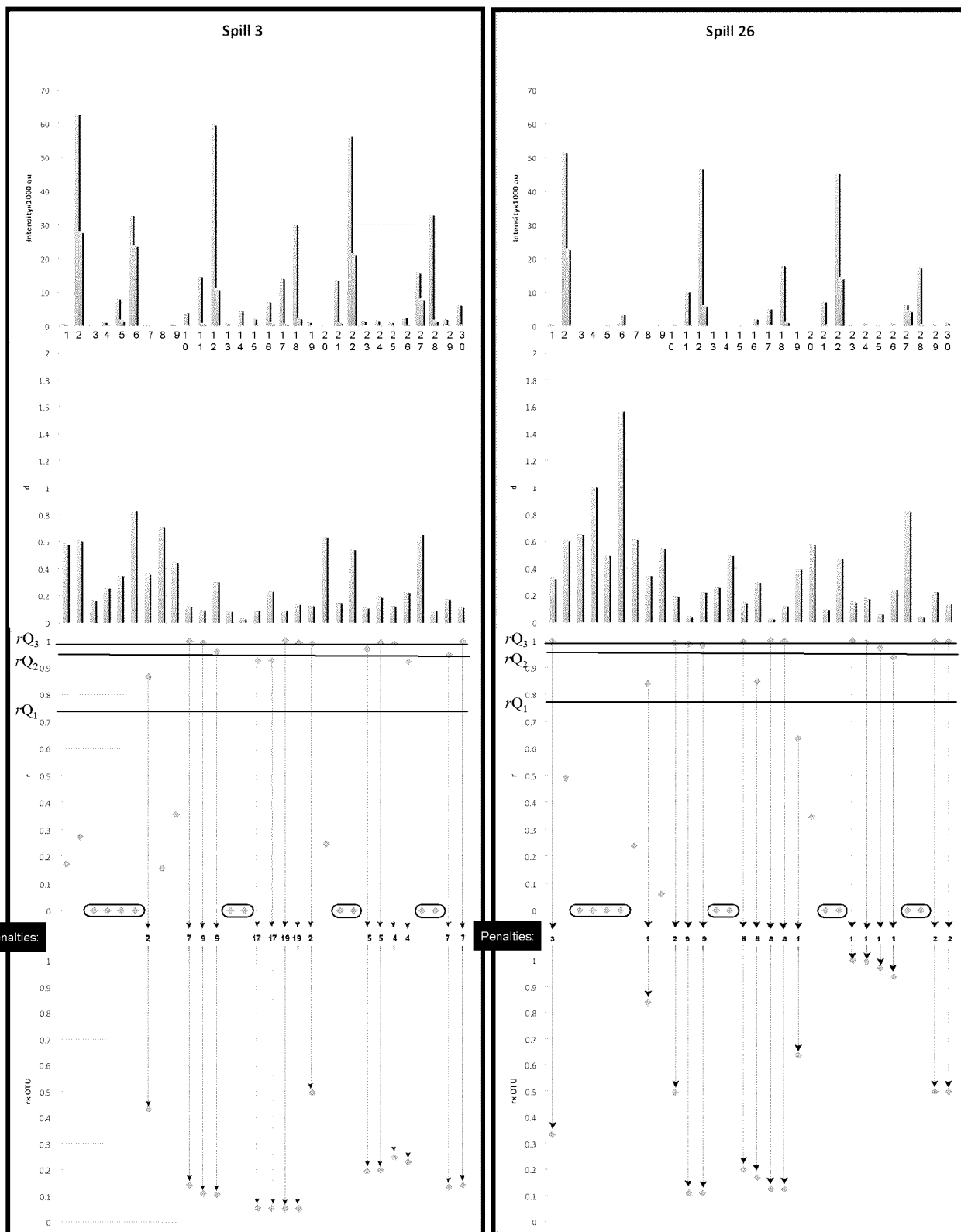


Fig. 13

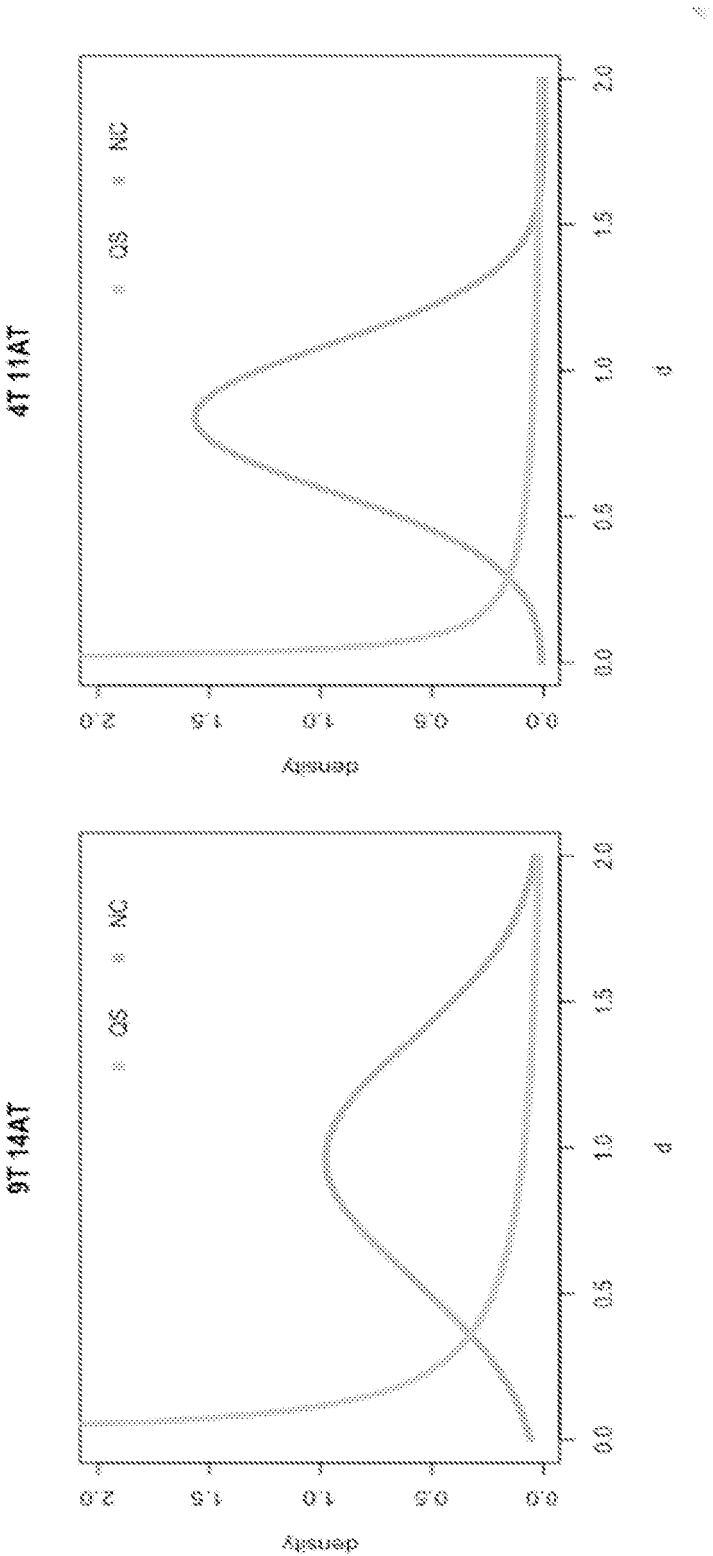


Fig. 14

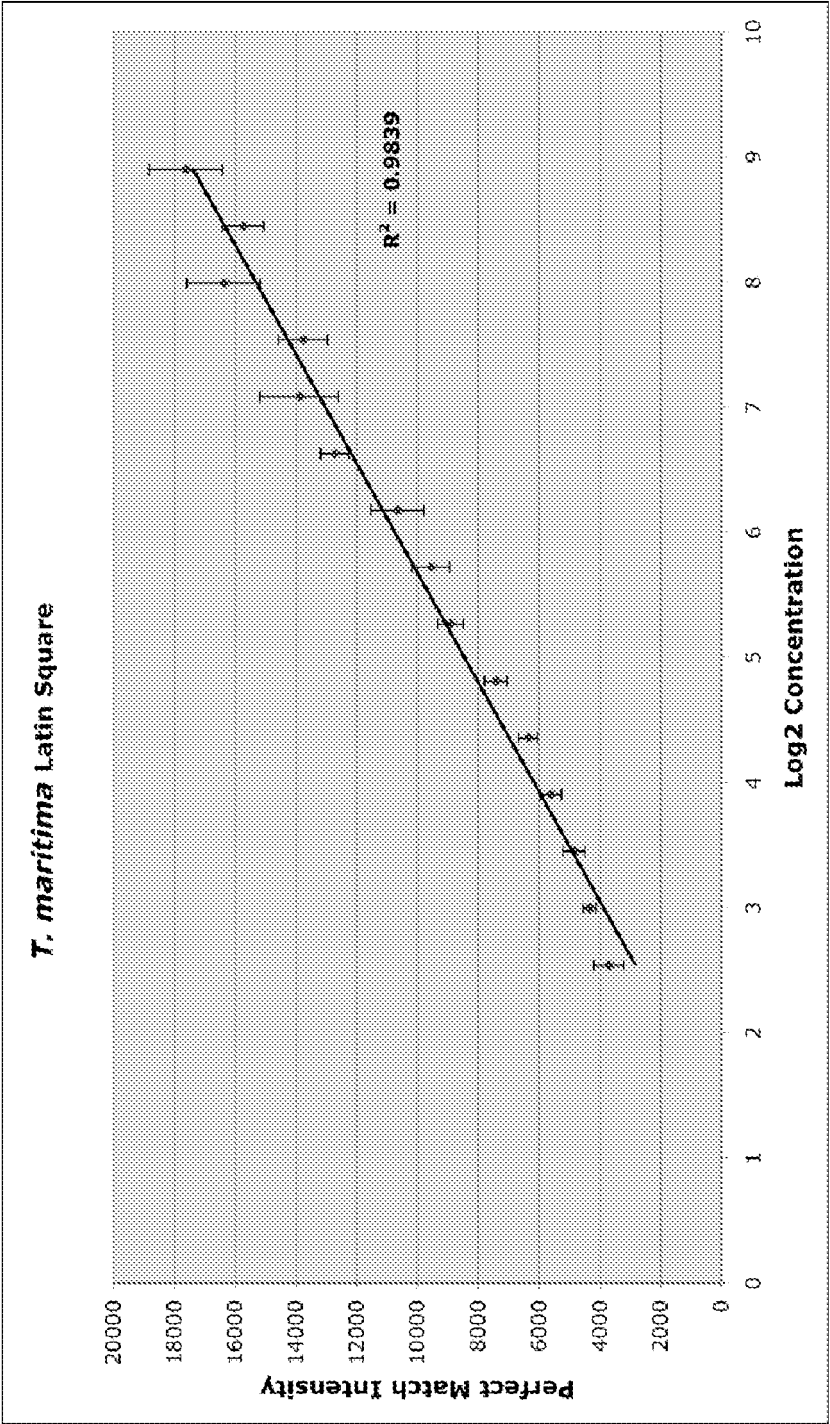


Fig. 15

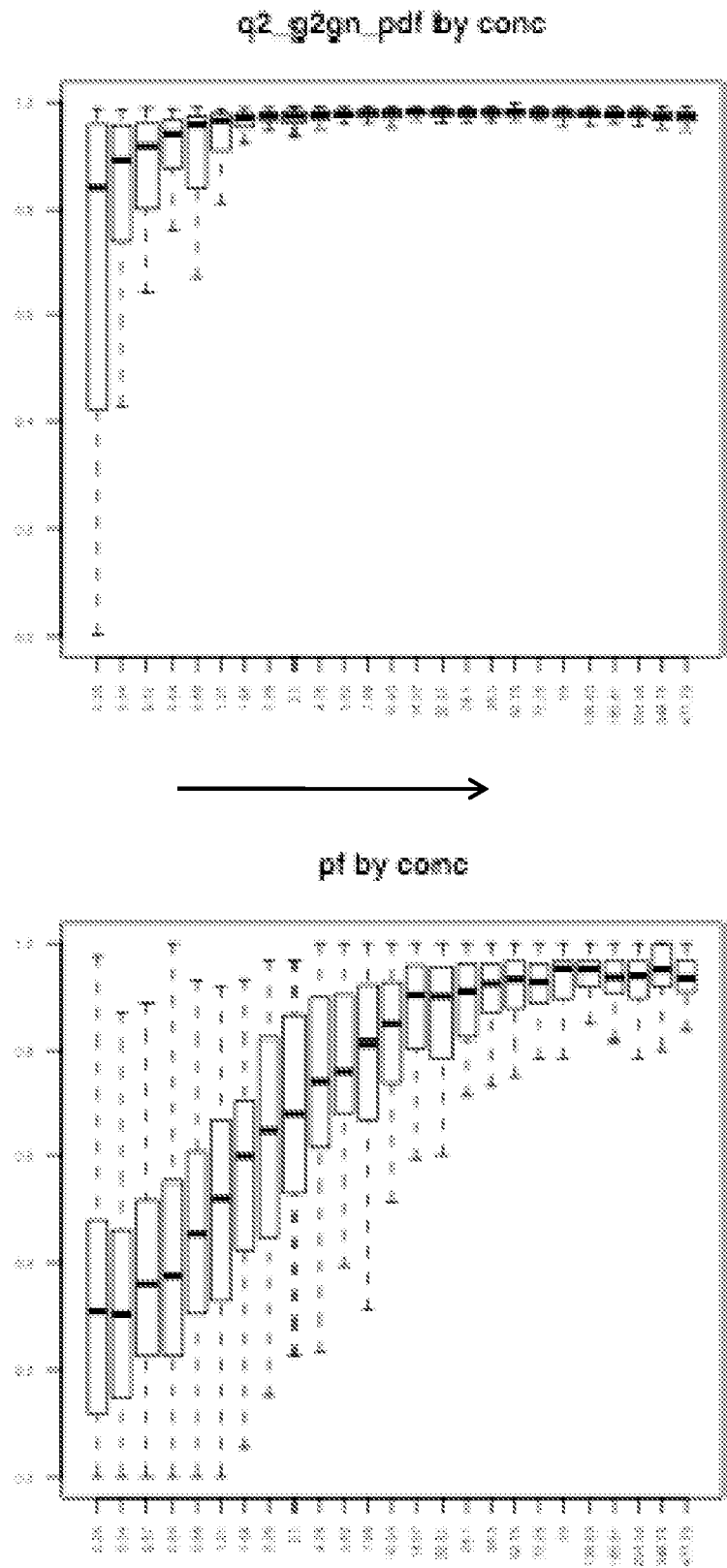


Fig. 16

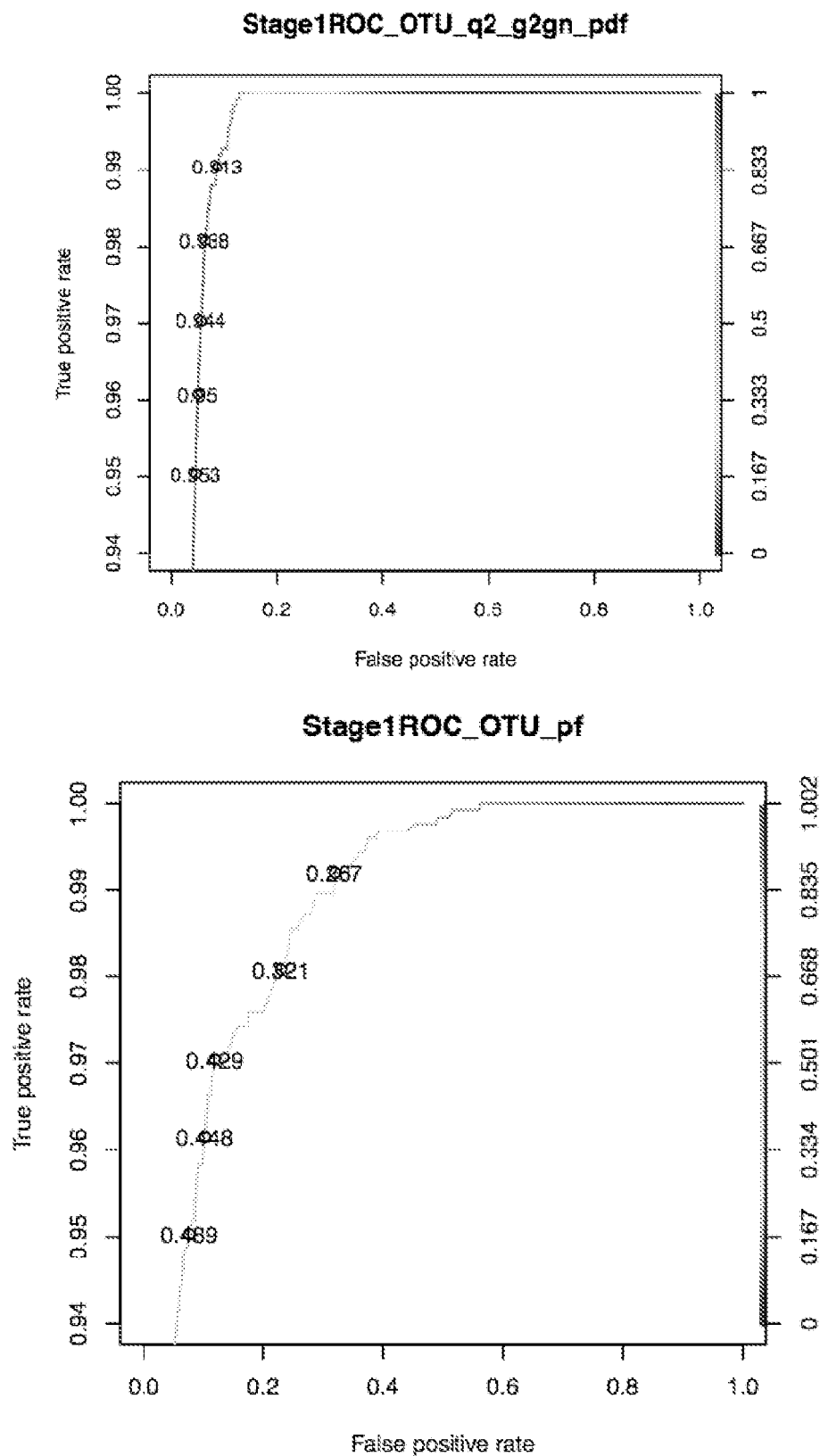


Fig. 17

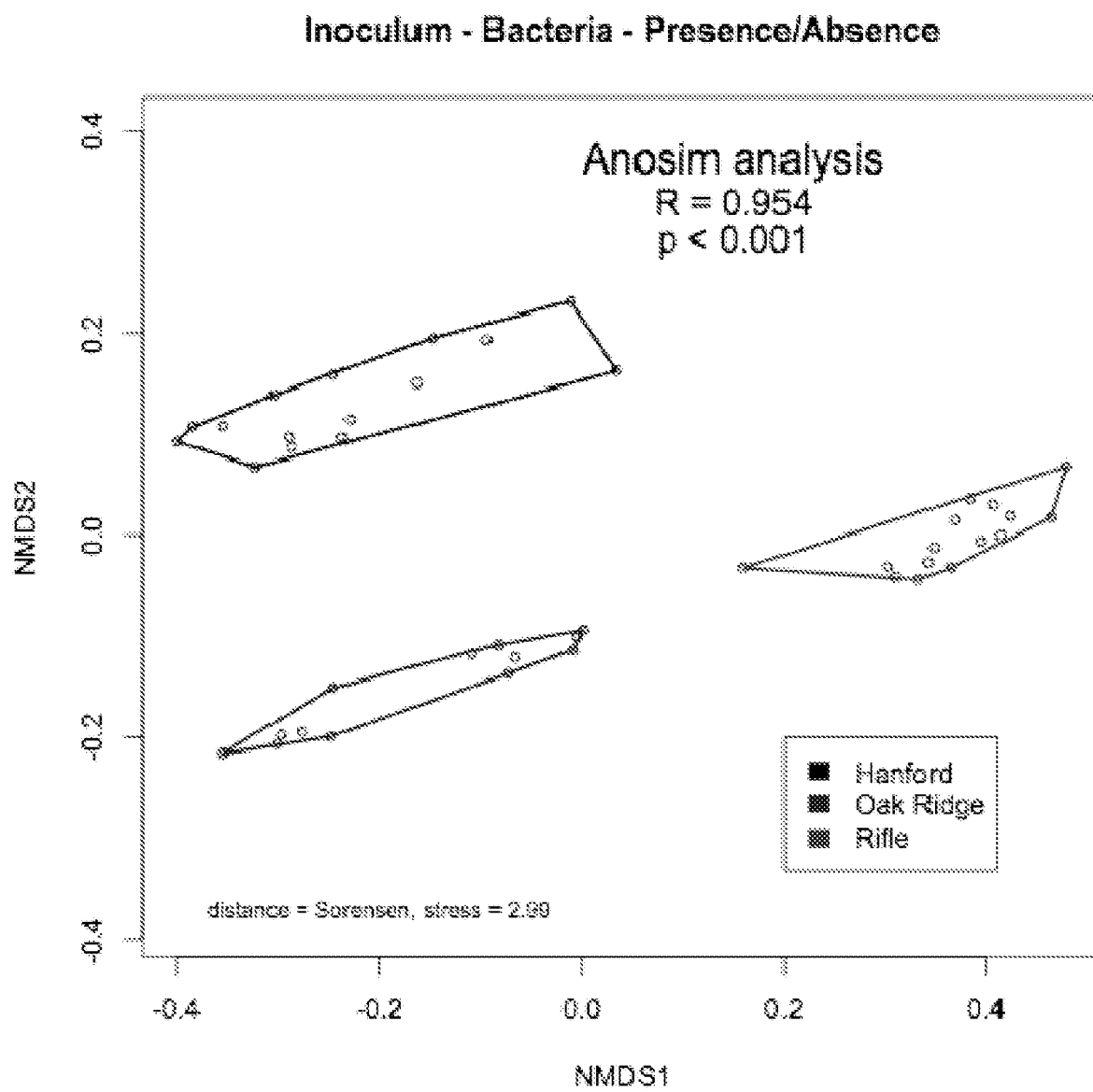


Fig. 18

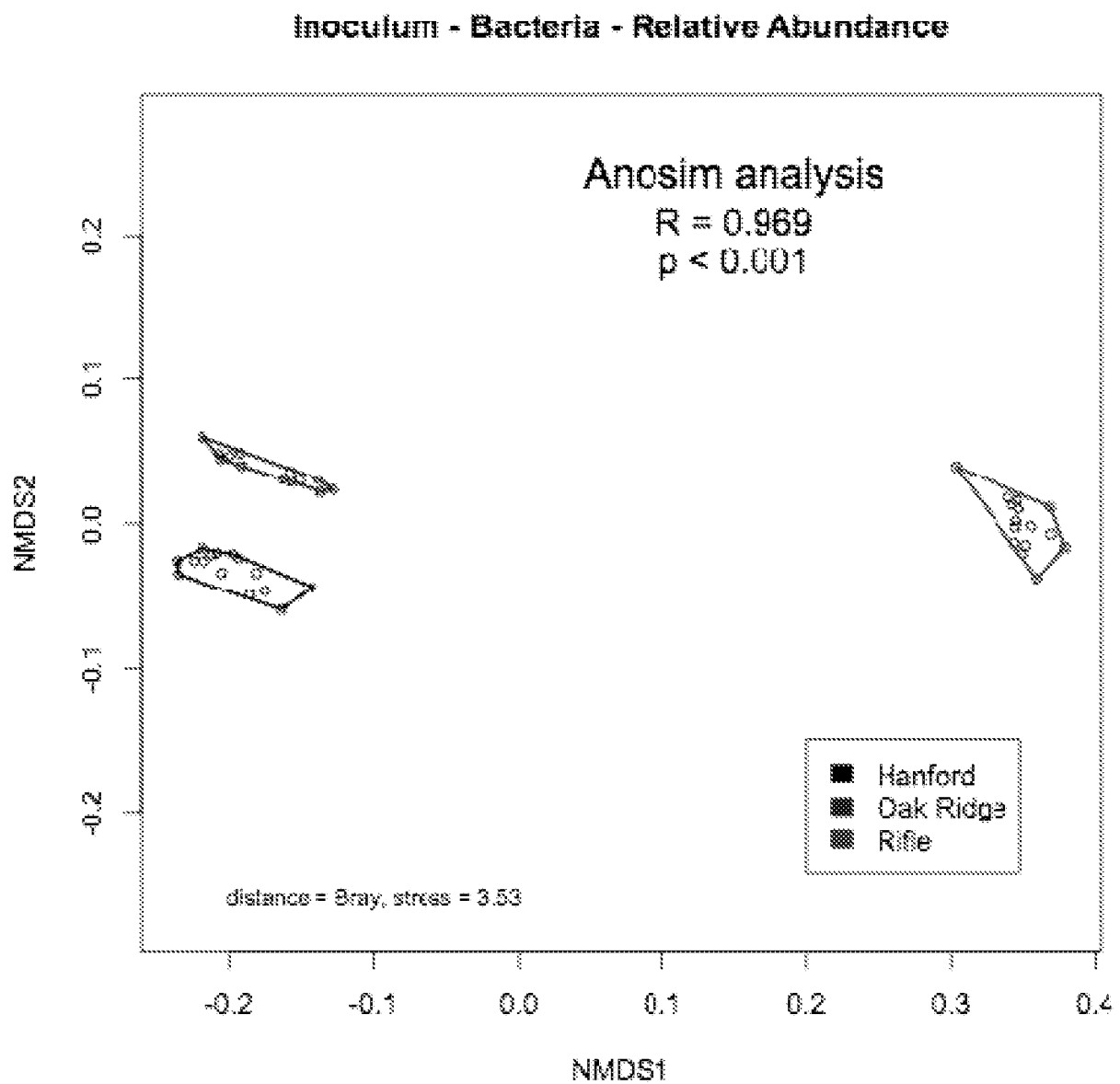


Figure 19

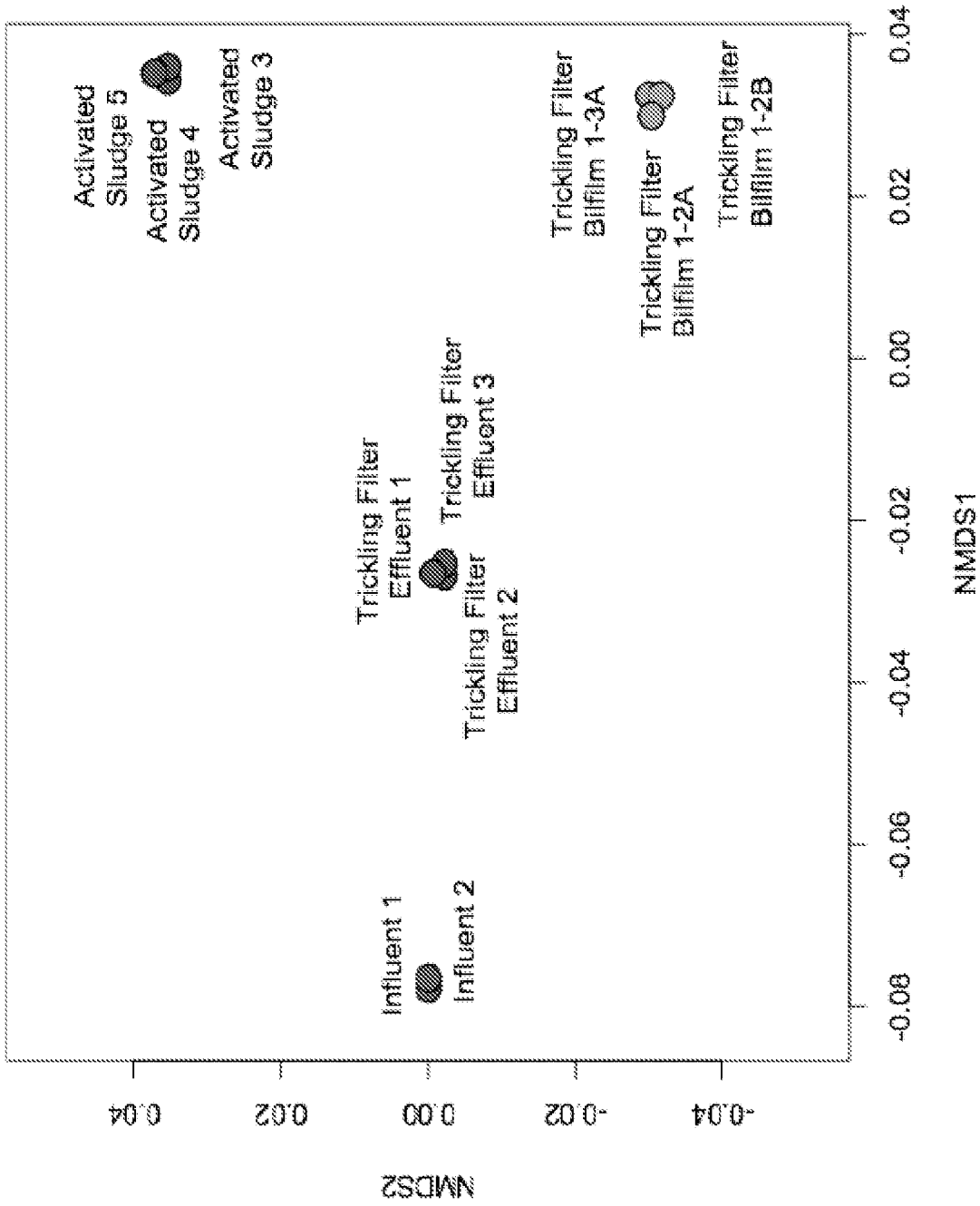


Figure 20

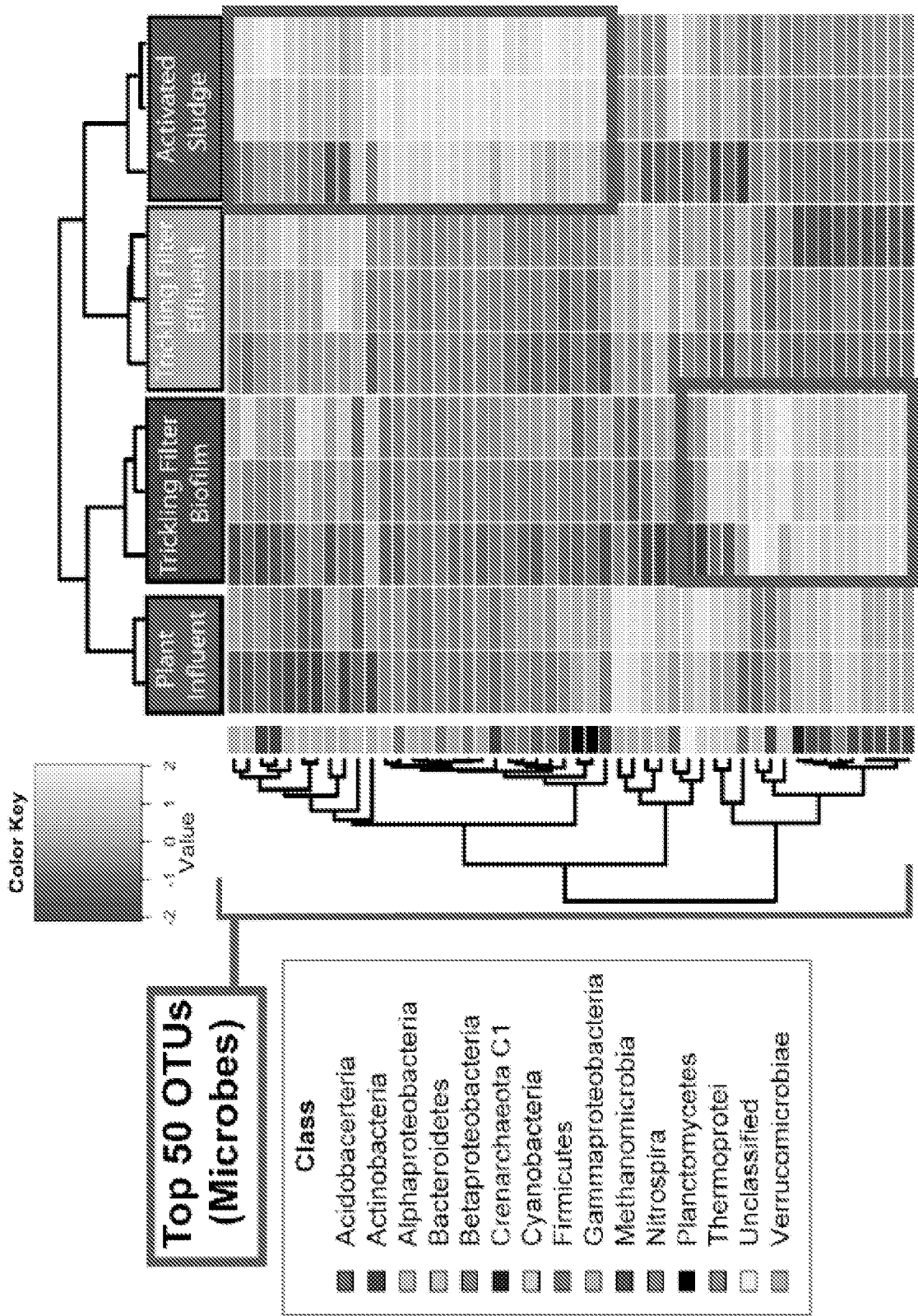


Figure 21

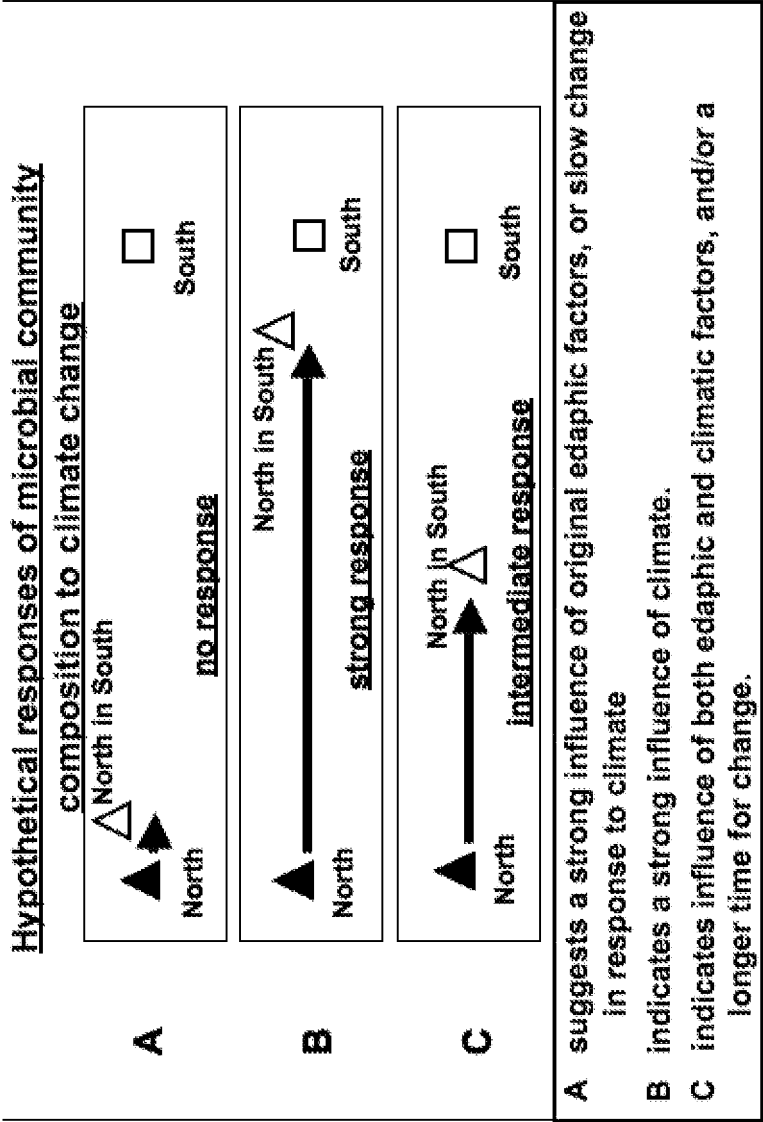


Figure 22

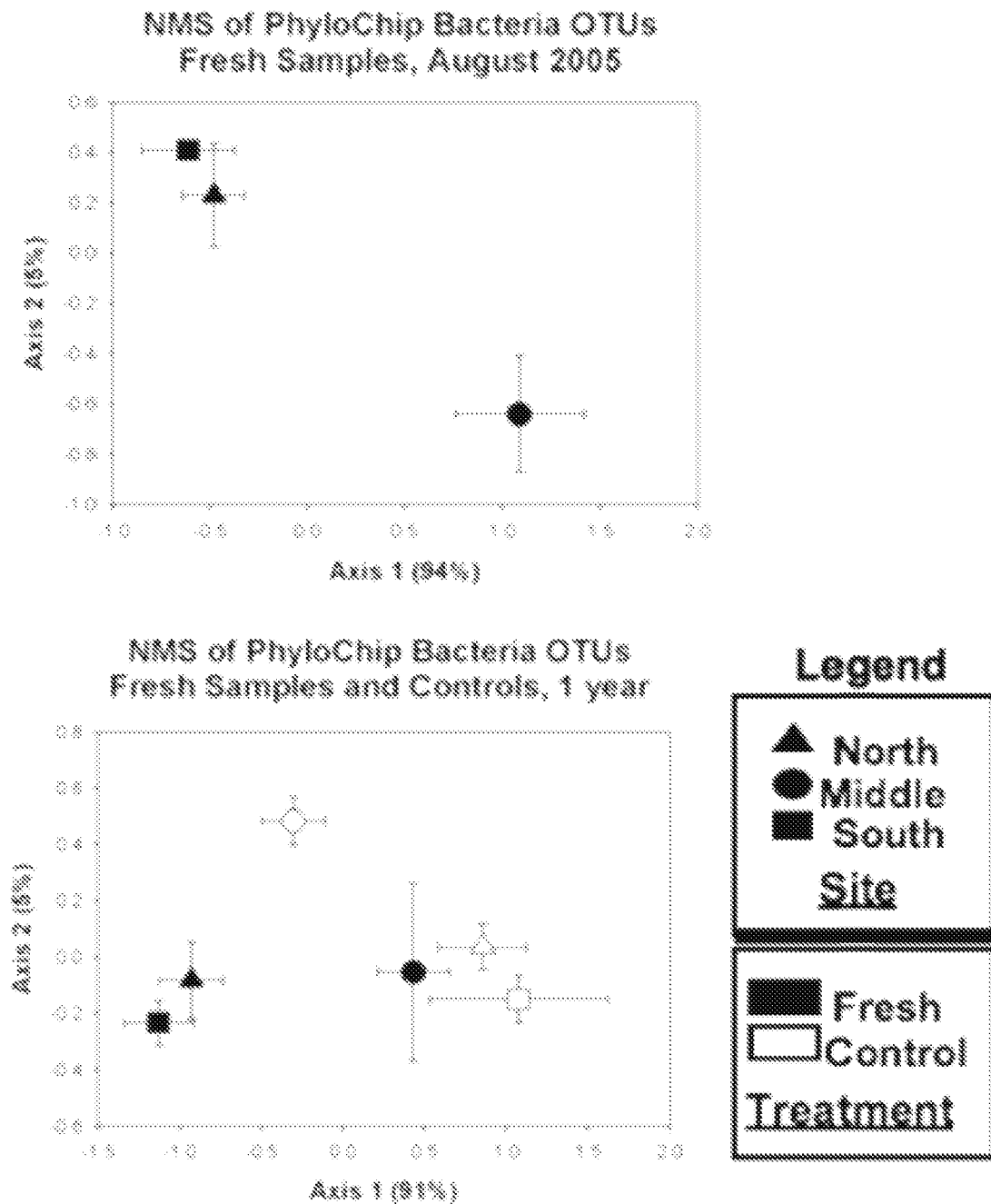


Figure 23

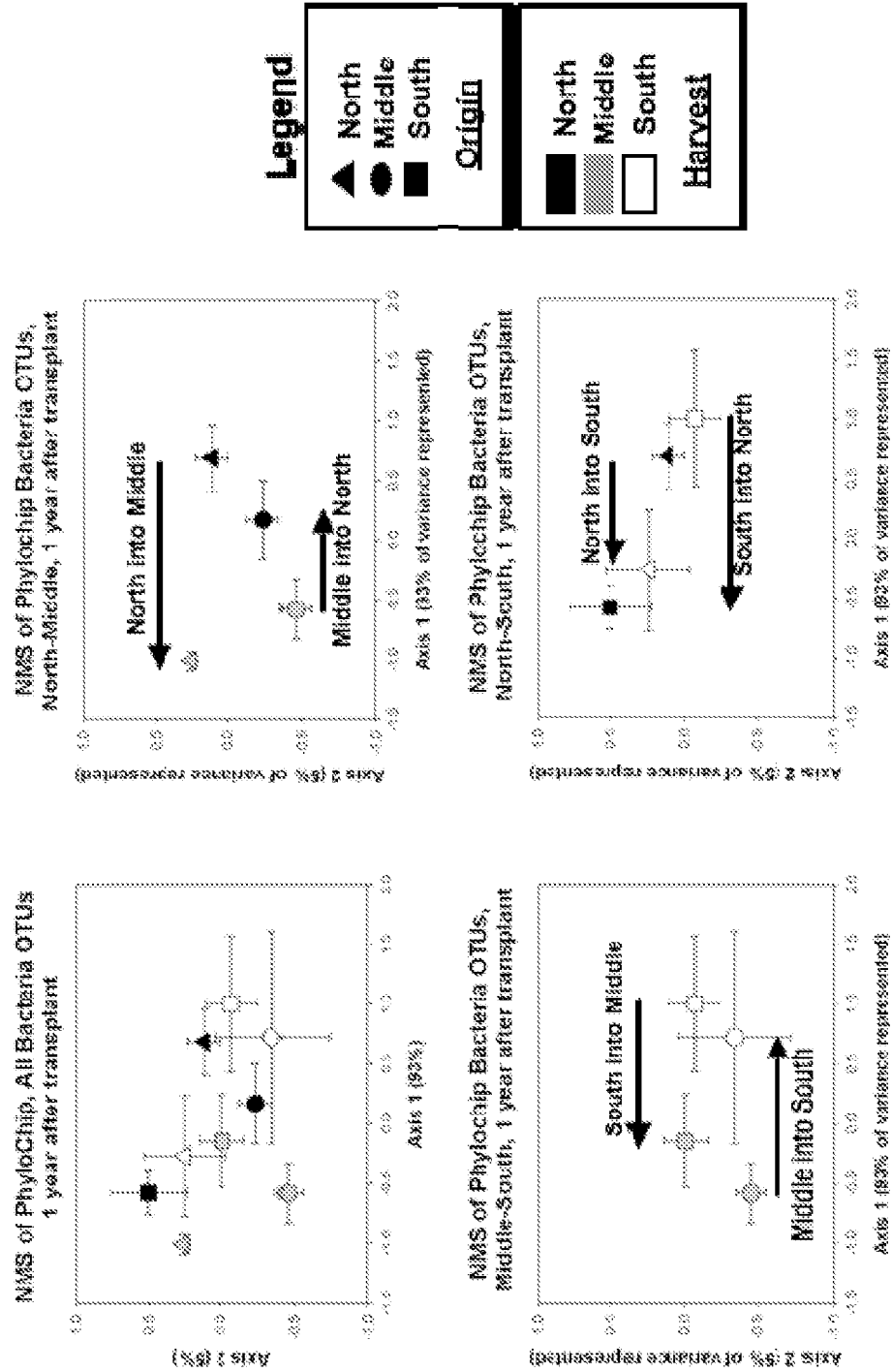


Figure 24

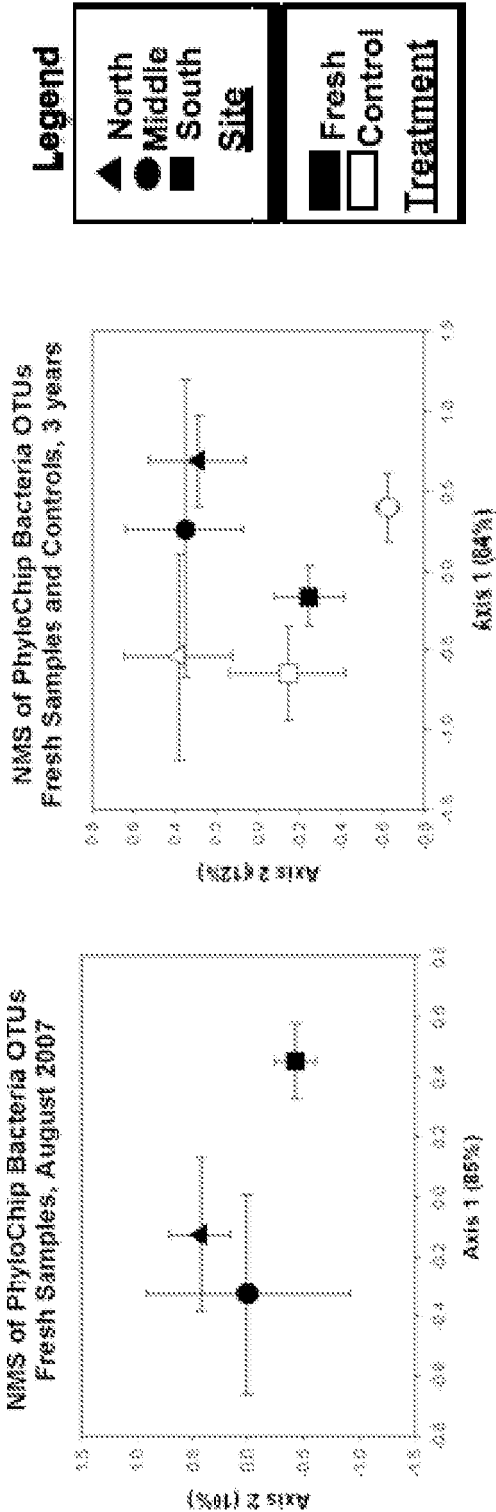


Figure 25

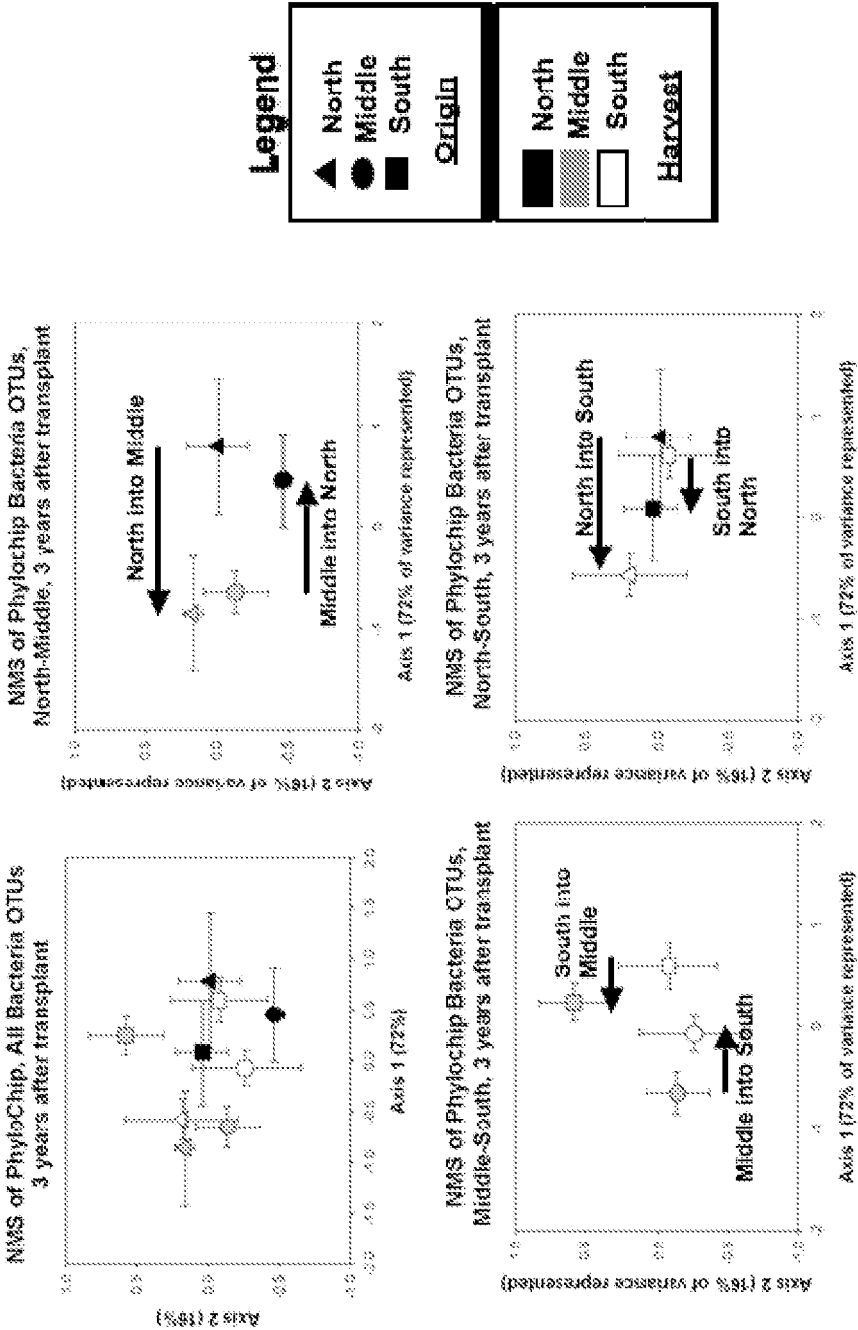


Figure 26

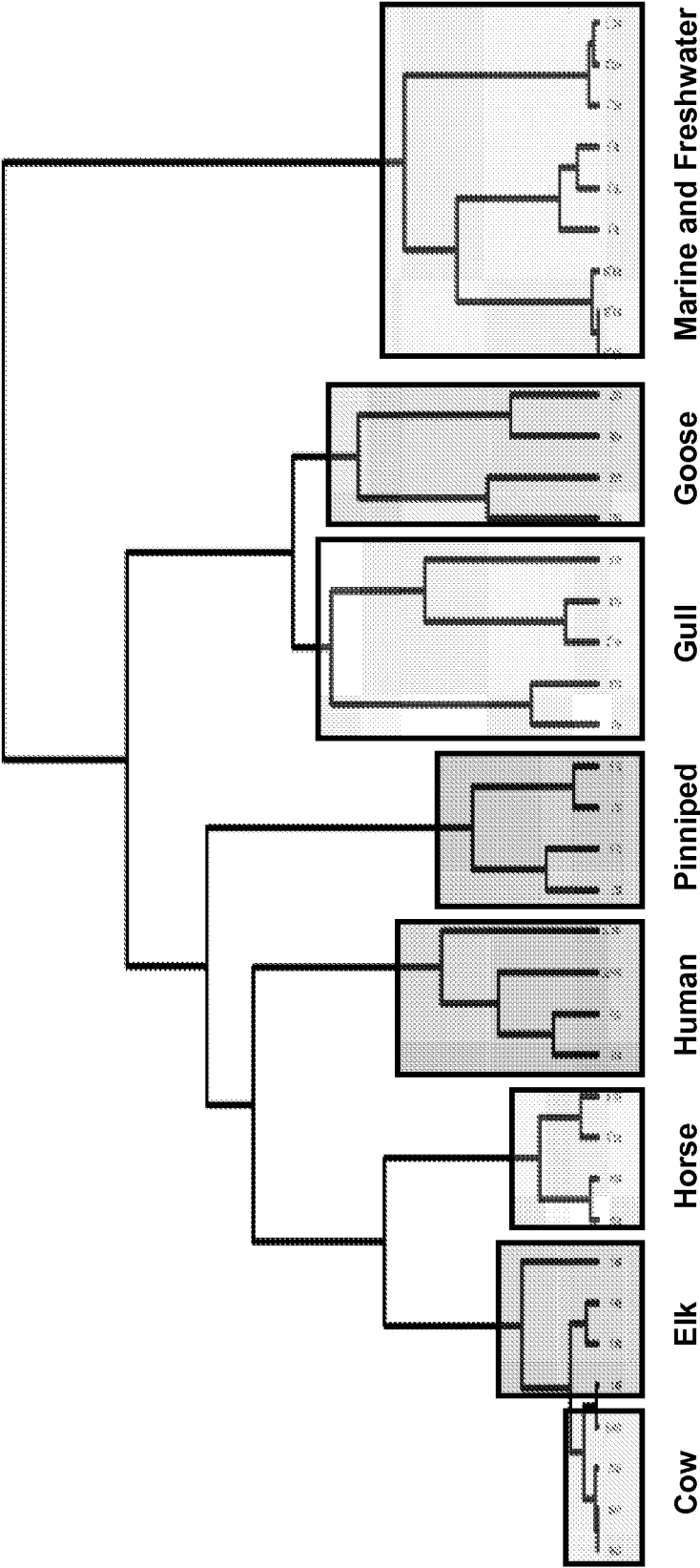


Figure 27

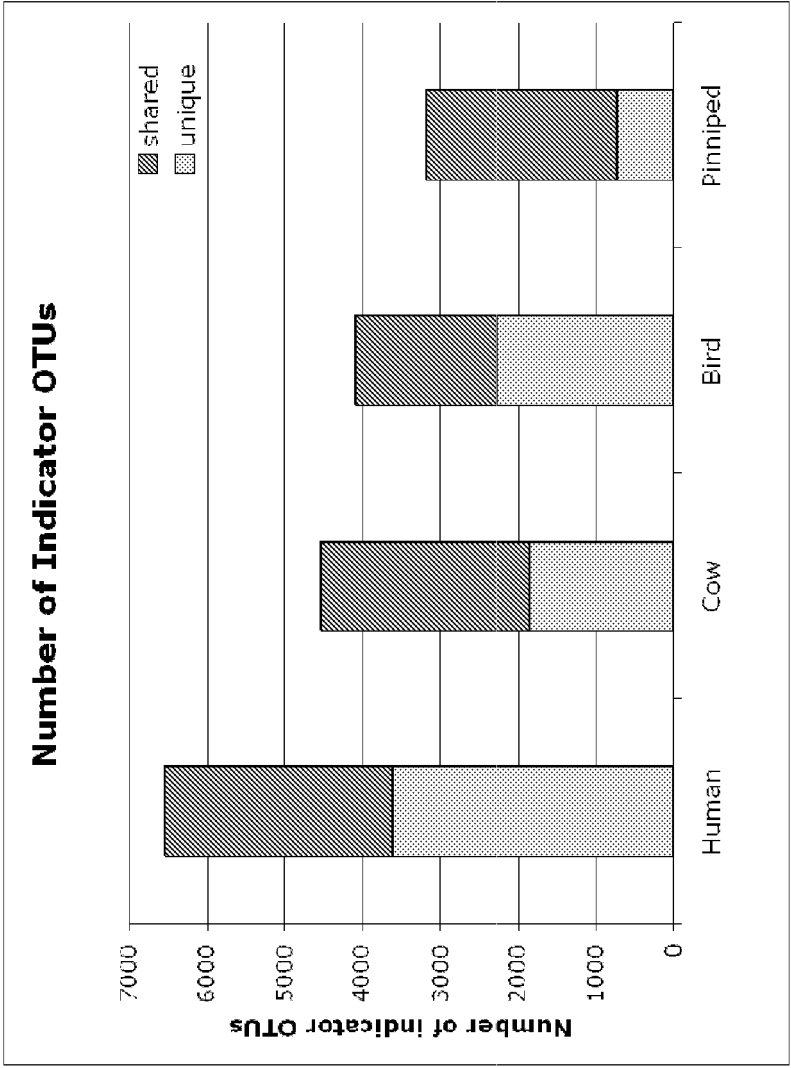


Figure 28

Compare indicator communities with elevated OTUs from each sample

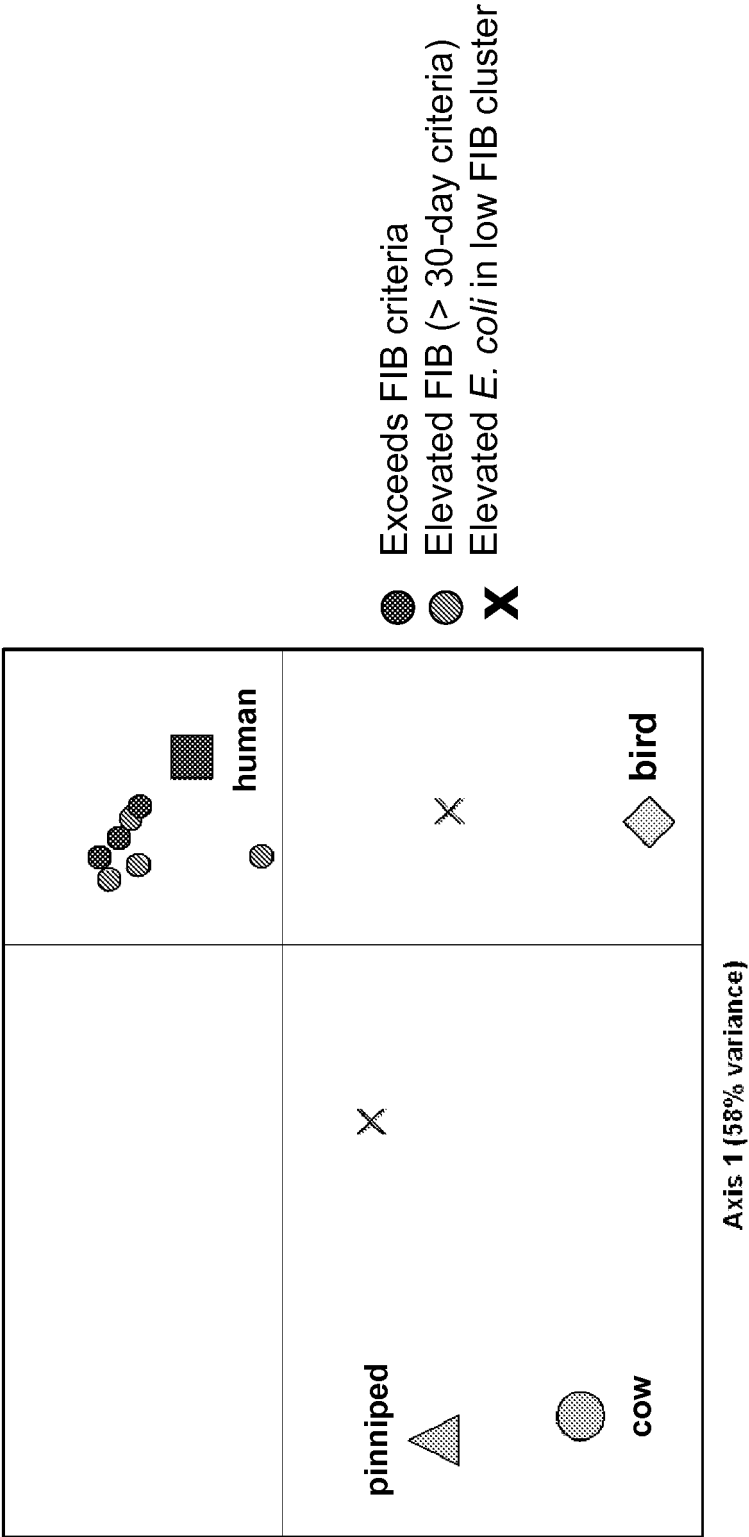


Figure 29

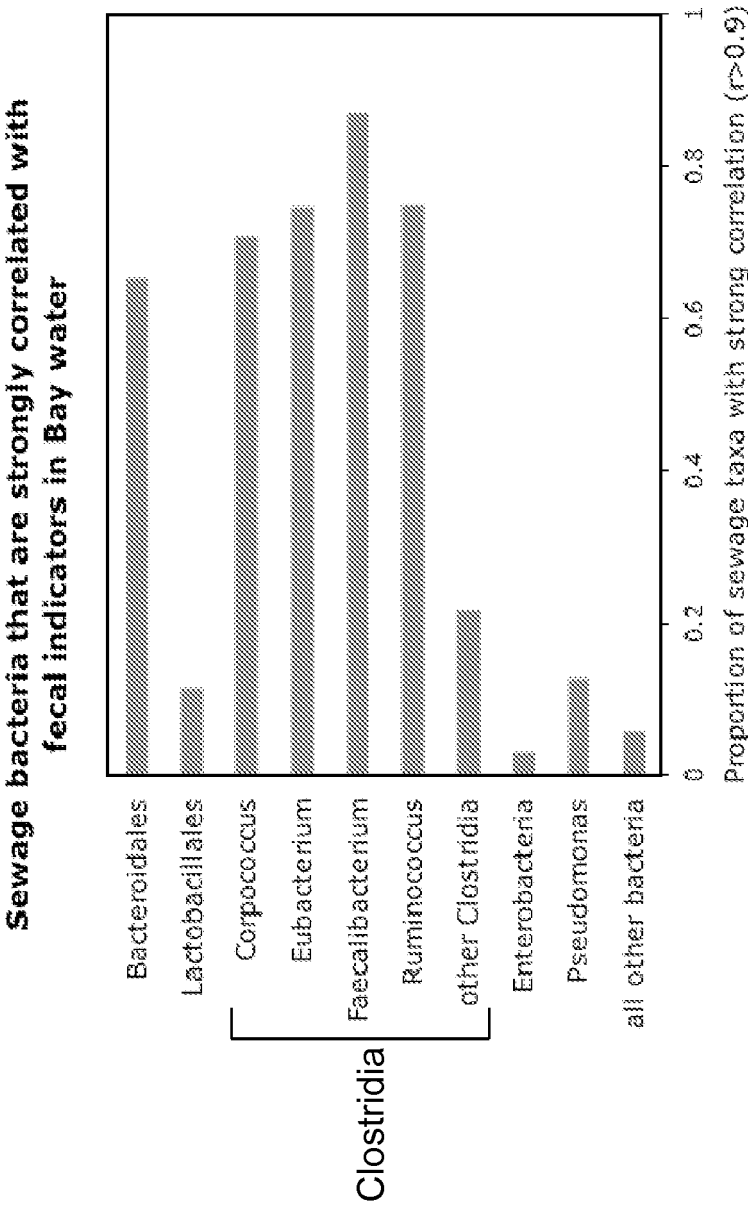


Figure 30

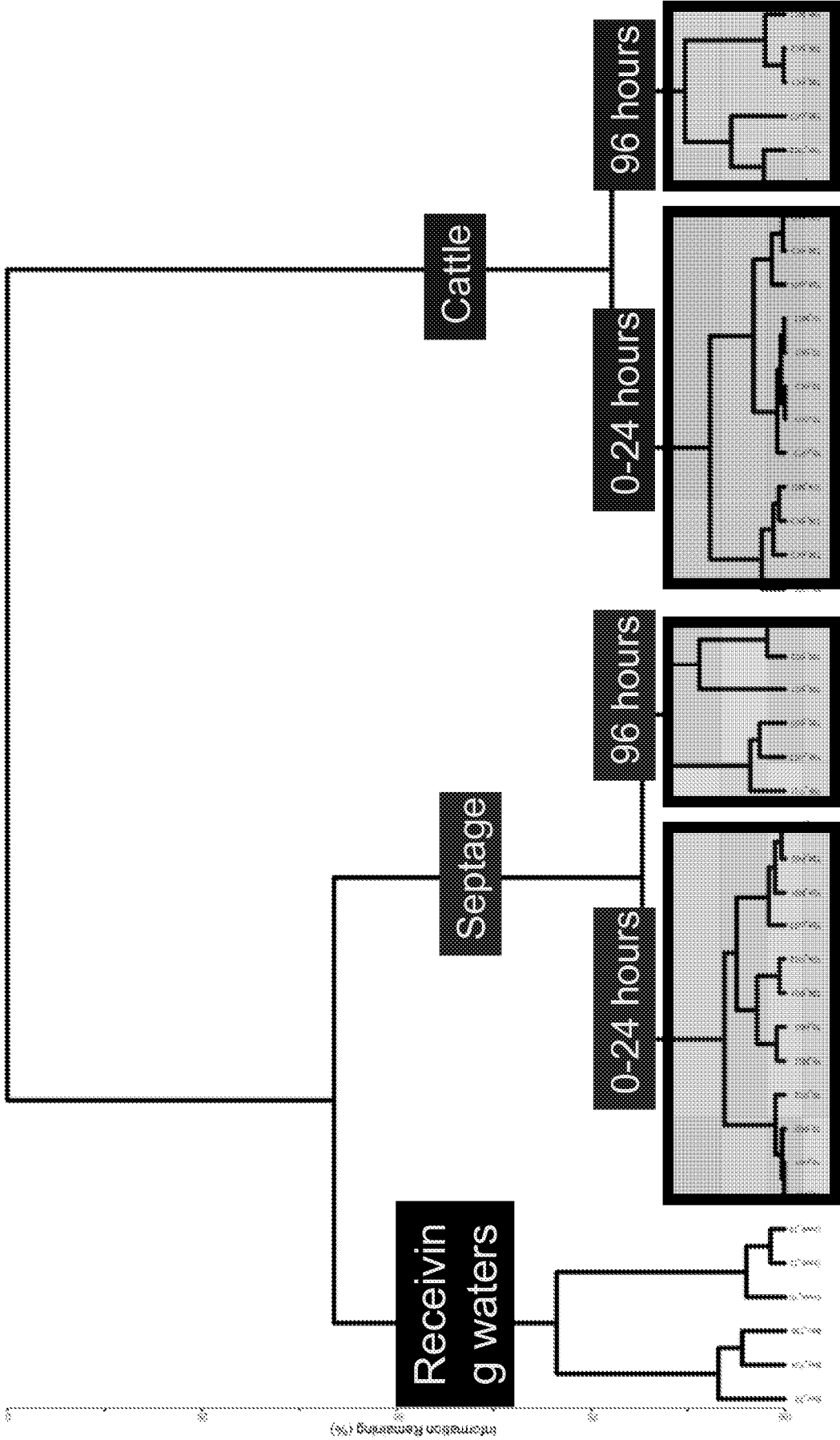


FIGURE 31

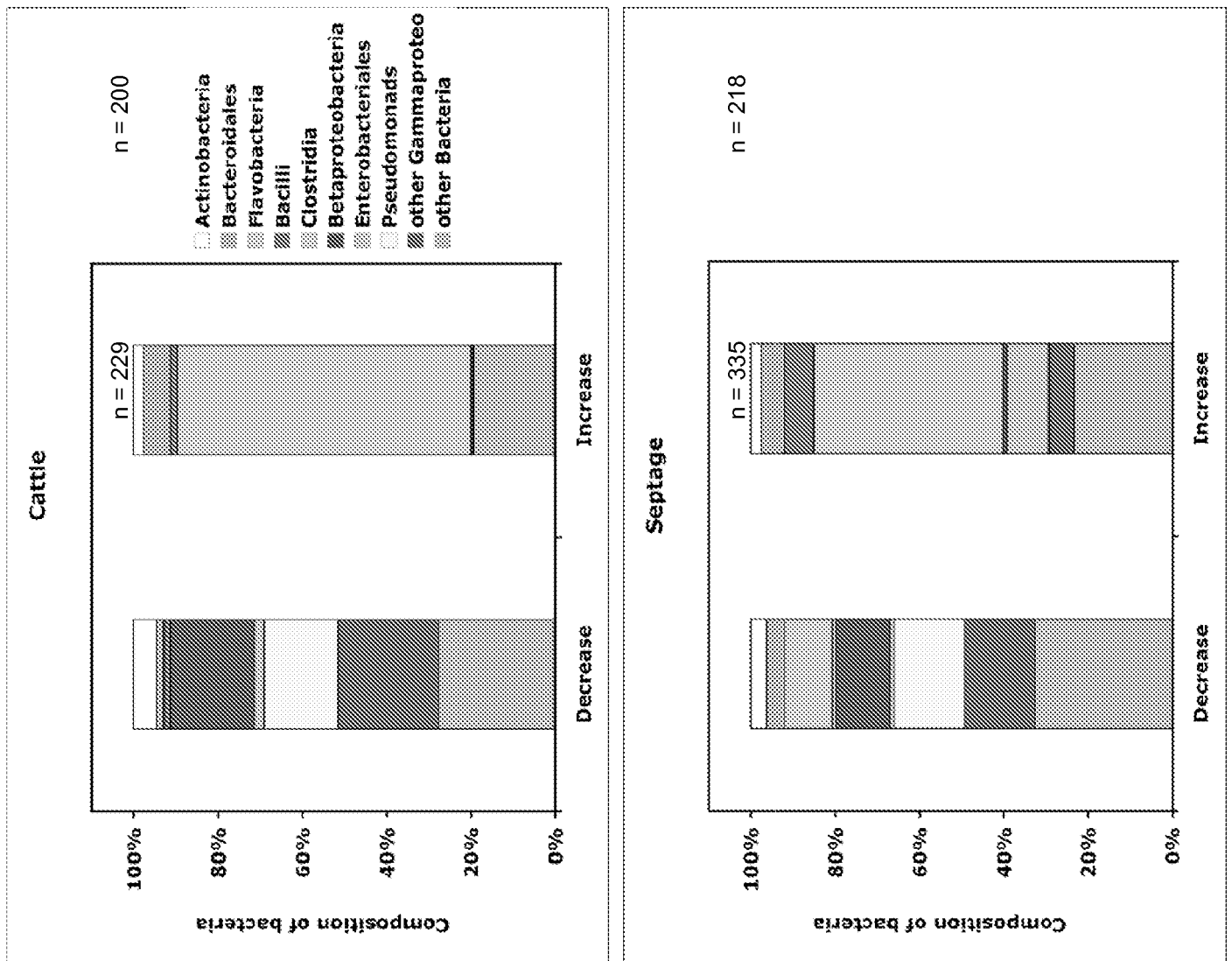


FIGURE 32

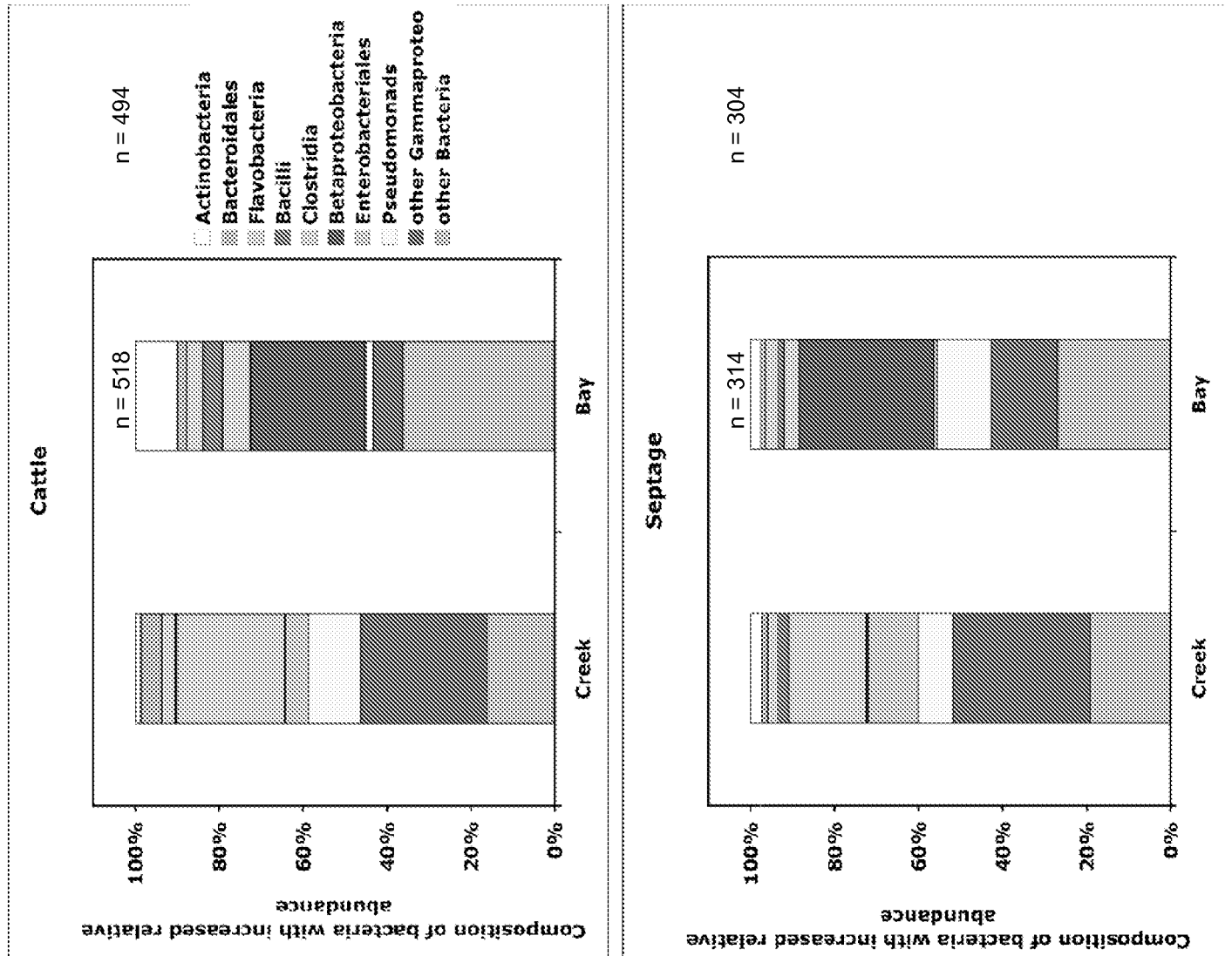


Figure 33

