

FIGURE 1

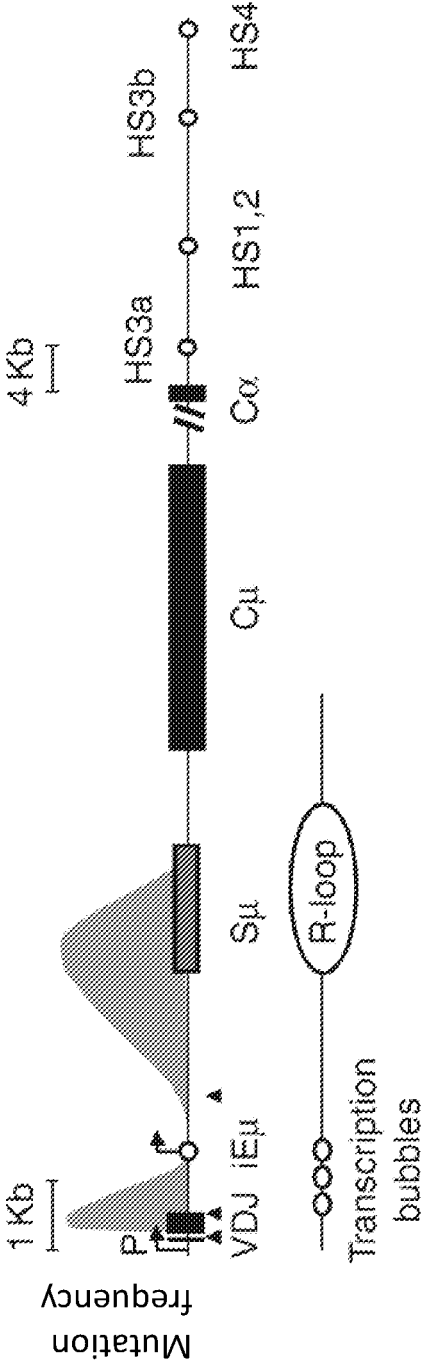


FIGURE 2

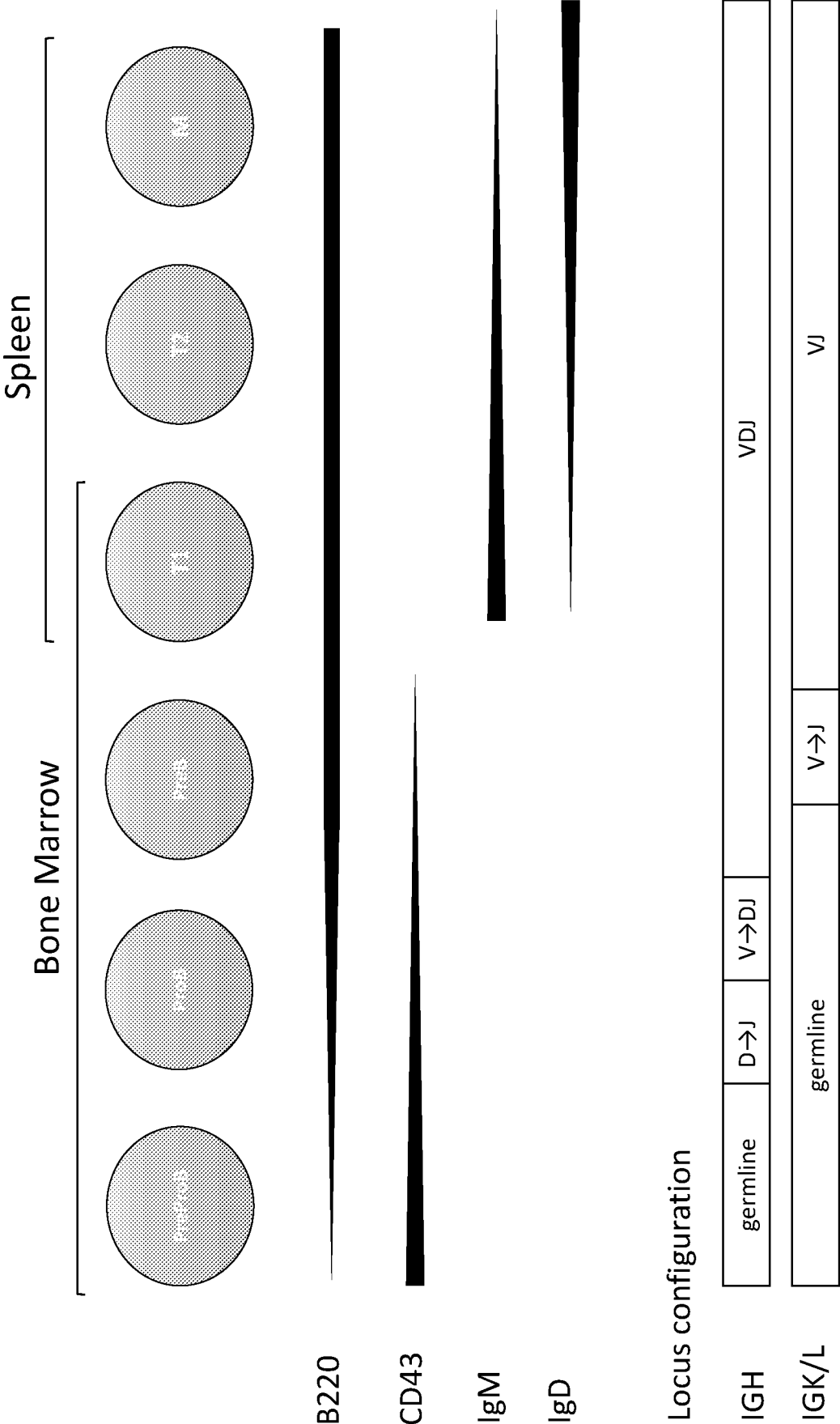


FIGURE 3

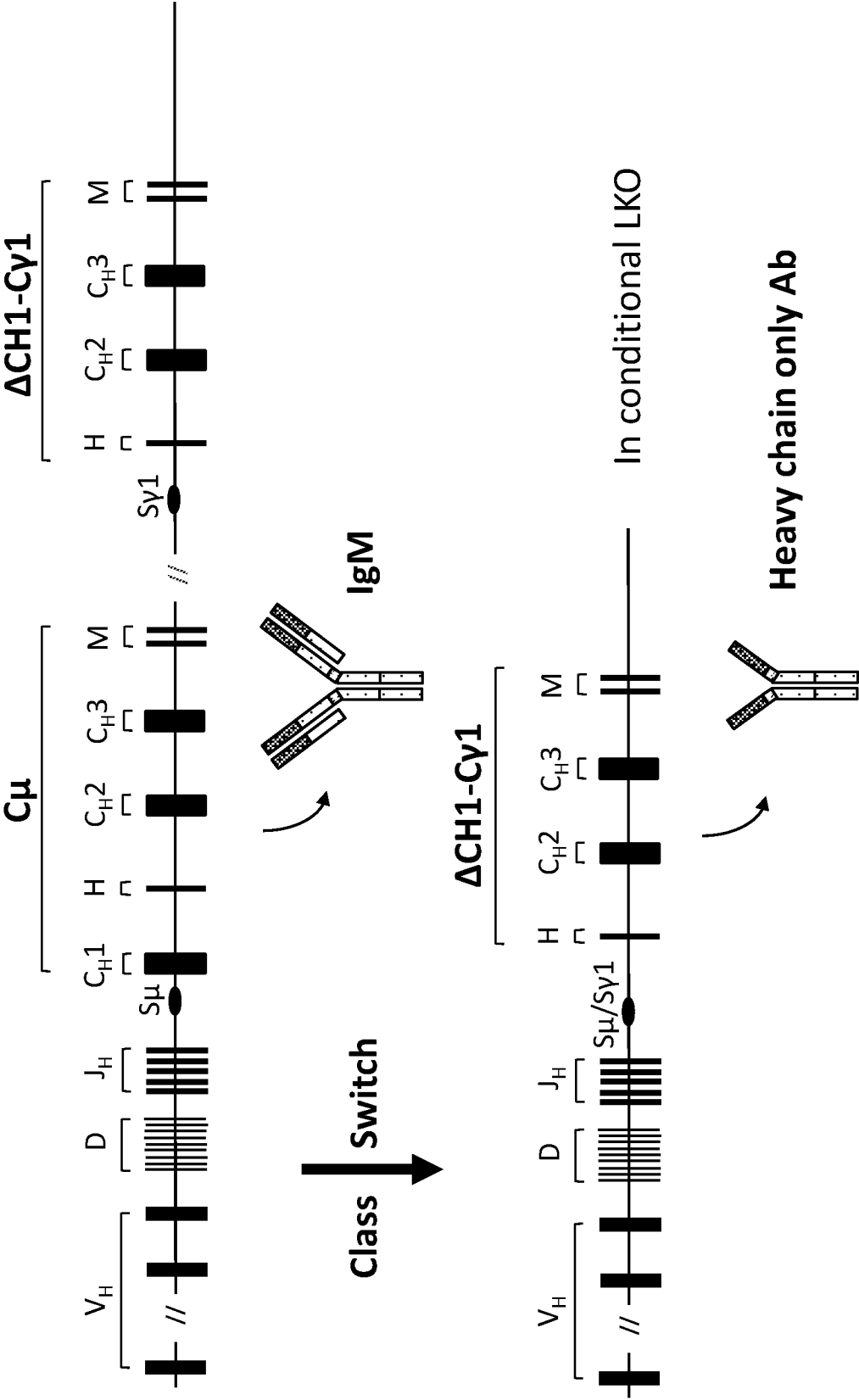


FIGURE 5

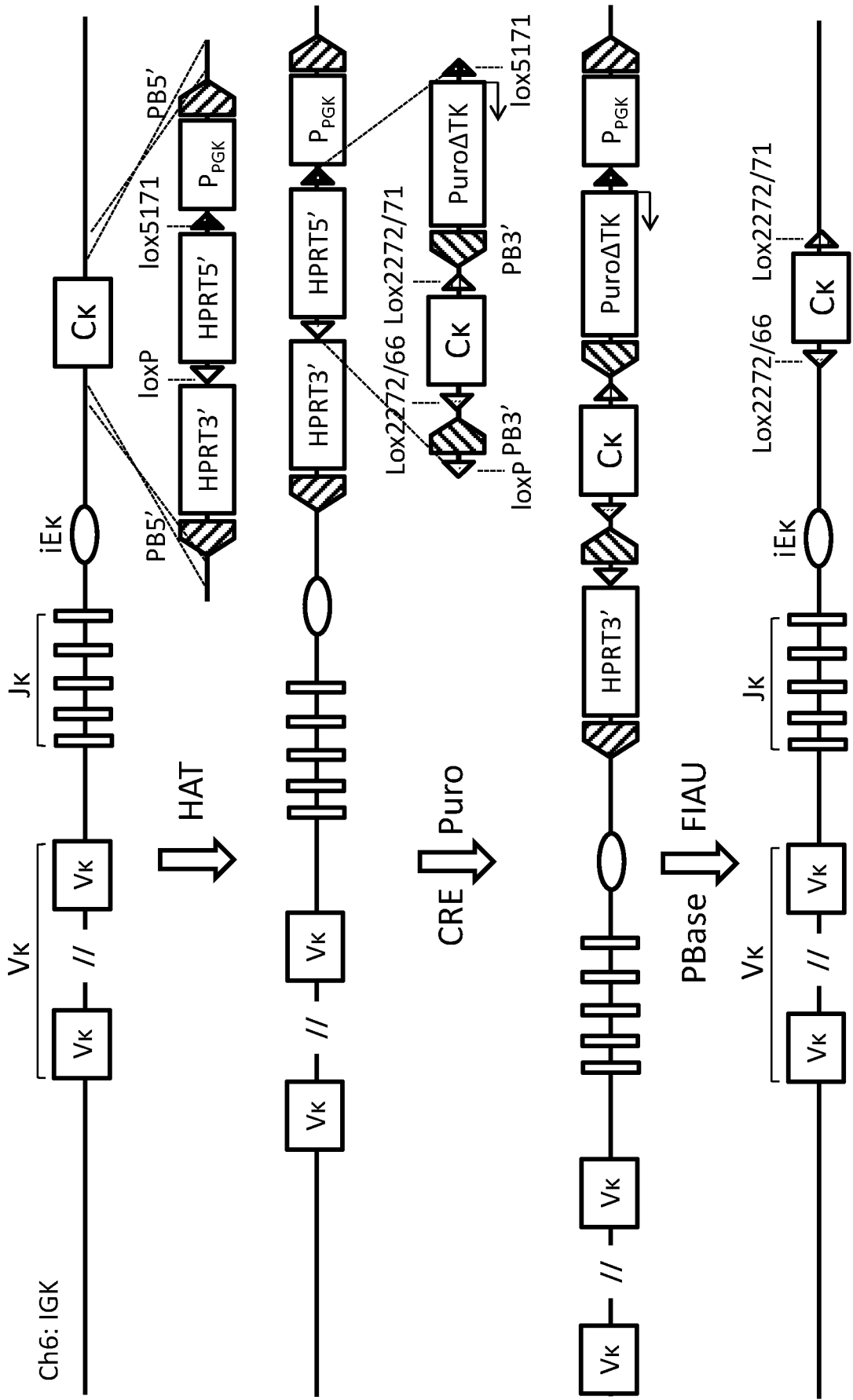


FIGURE 6

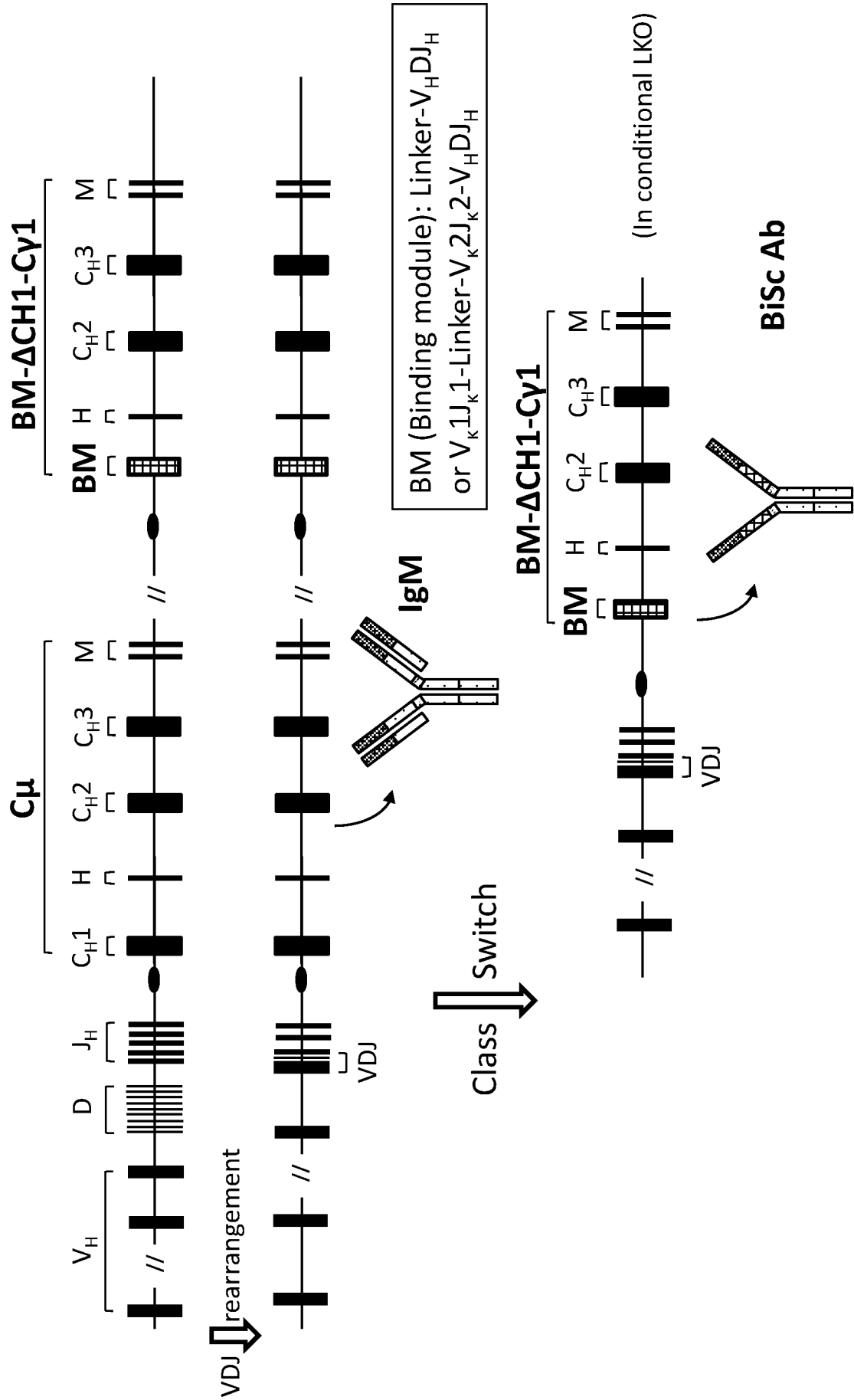


FIGURE 7

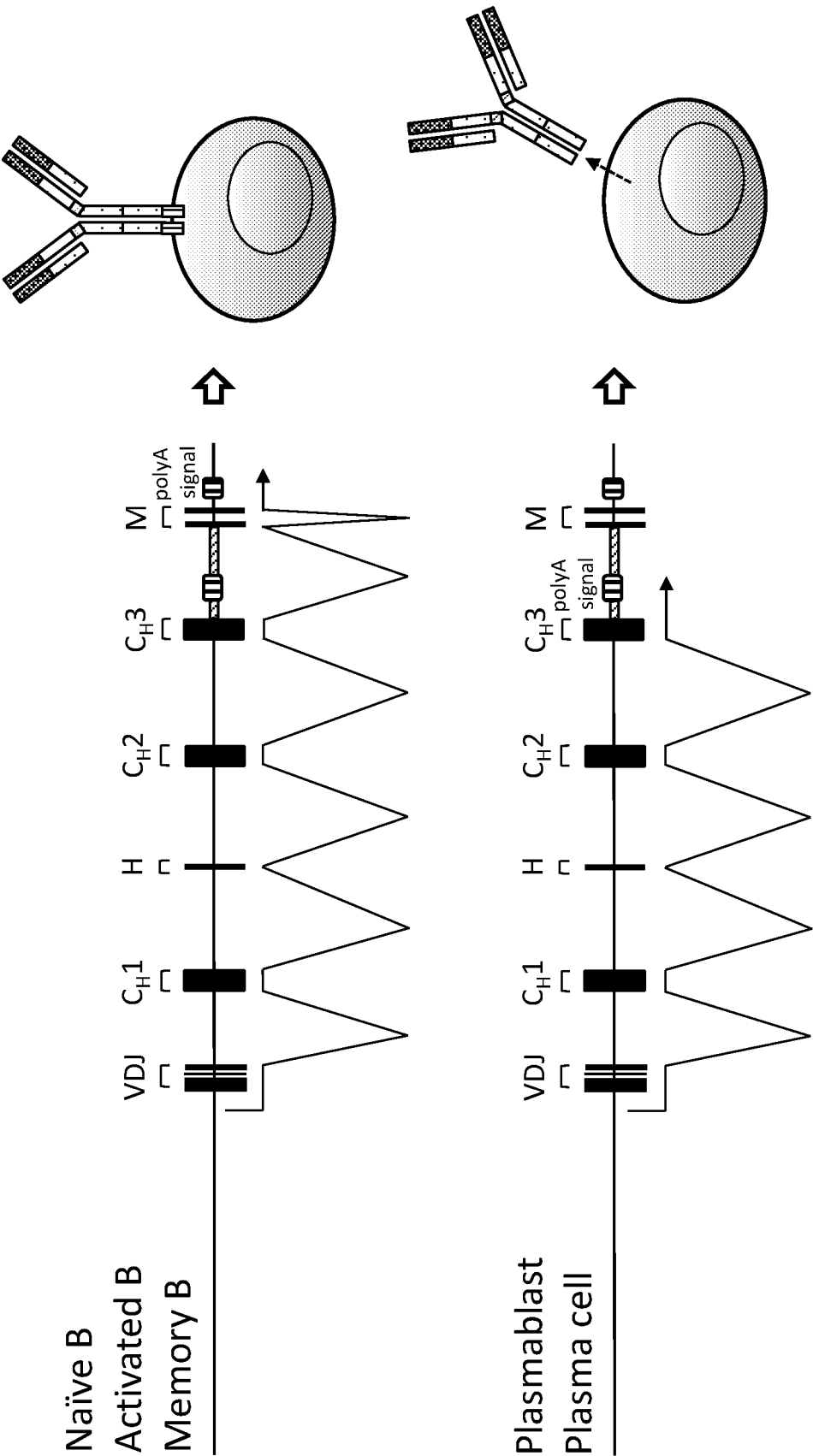


FIGURE 8

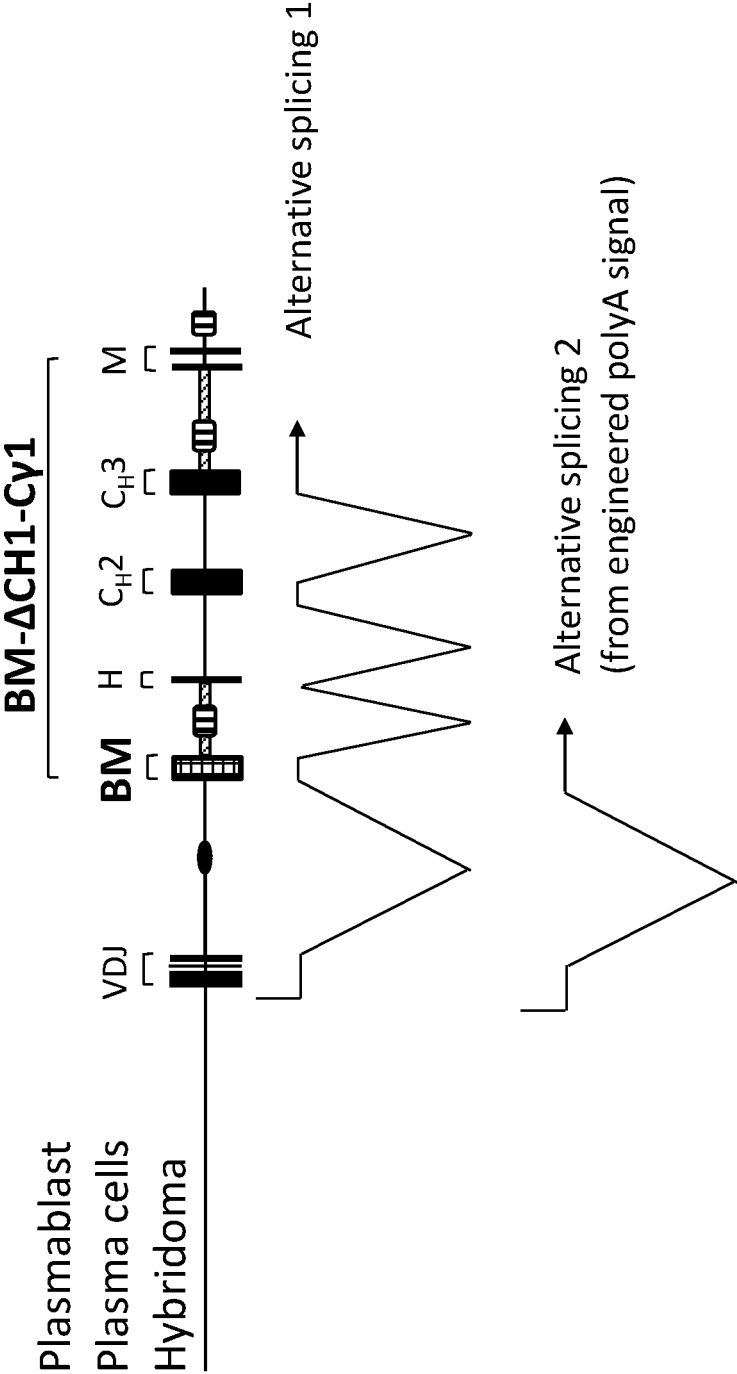


FIGURE 9

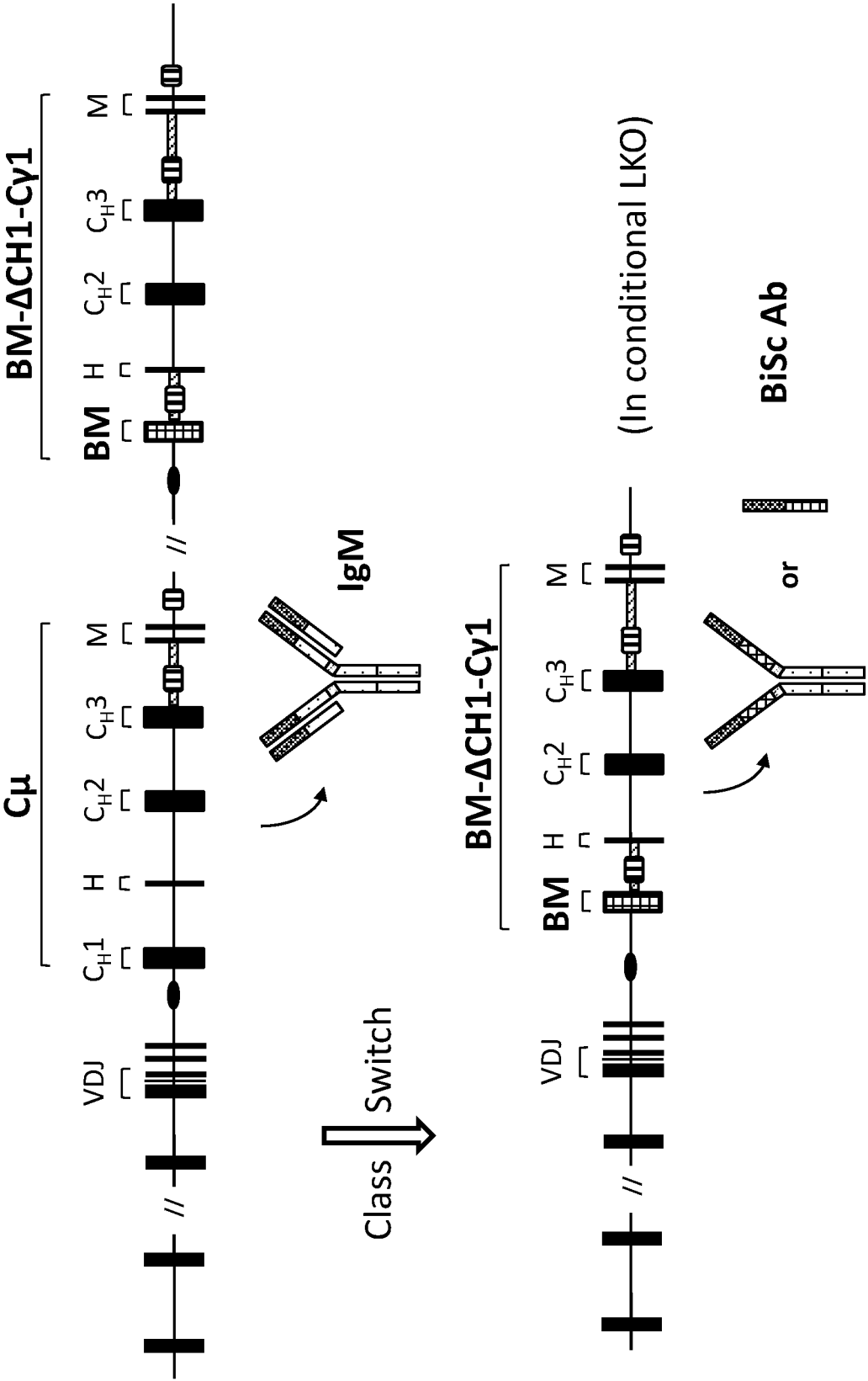


FIGURE 10A

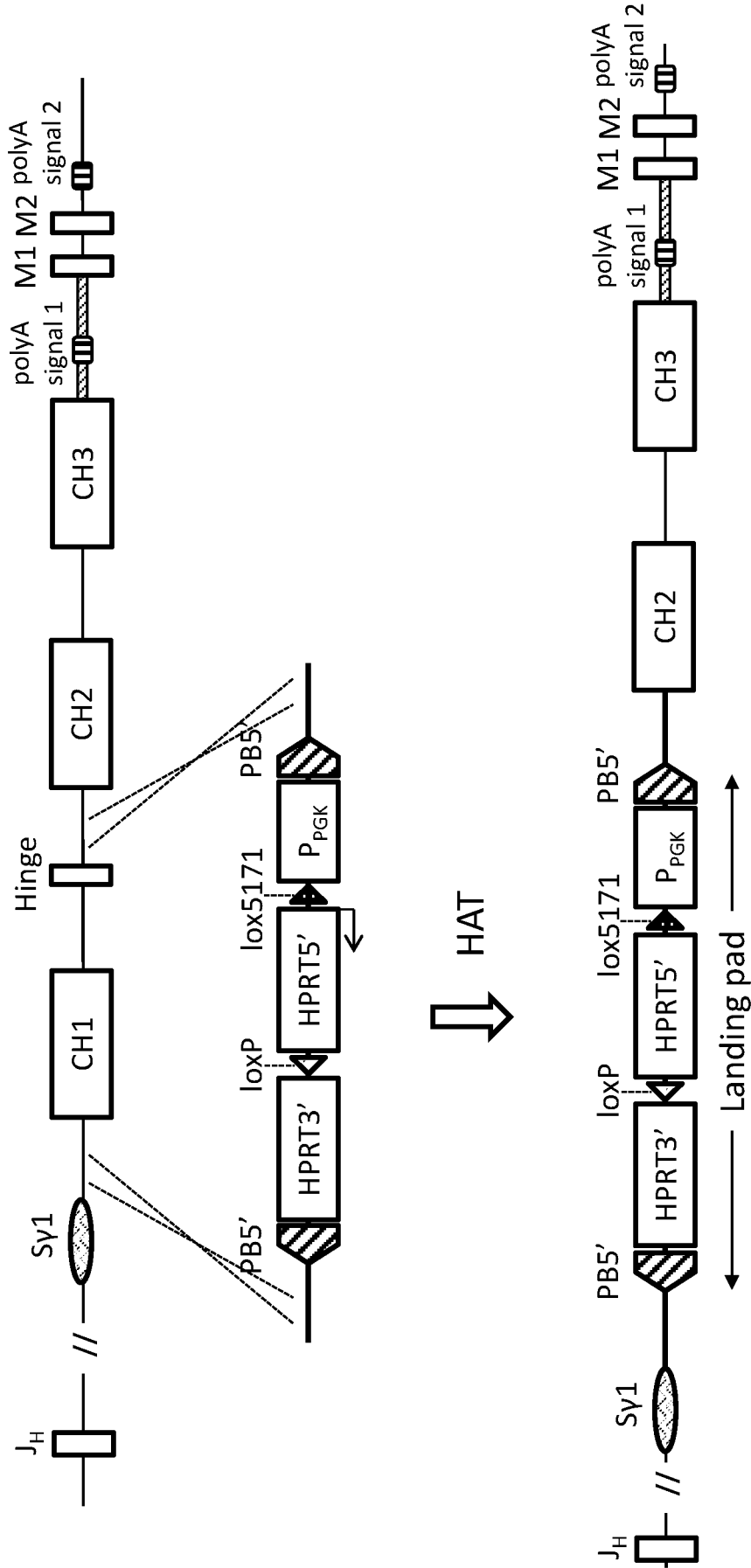


FIGURE 11A

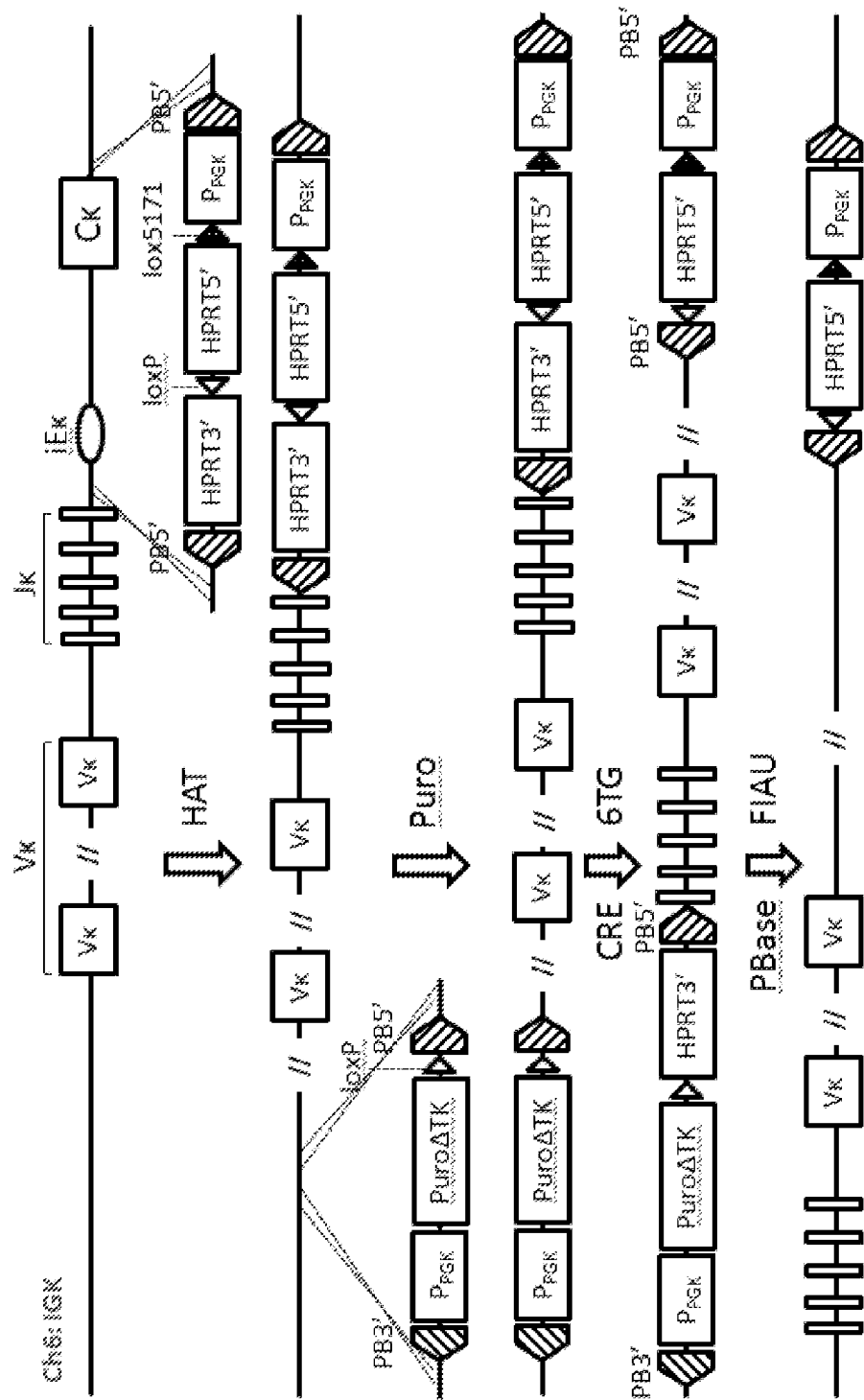


FIGURE 12A

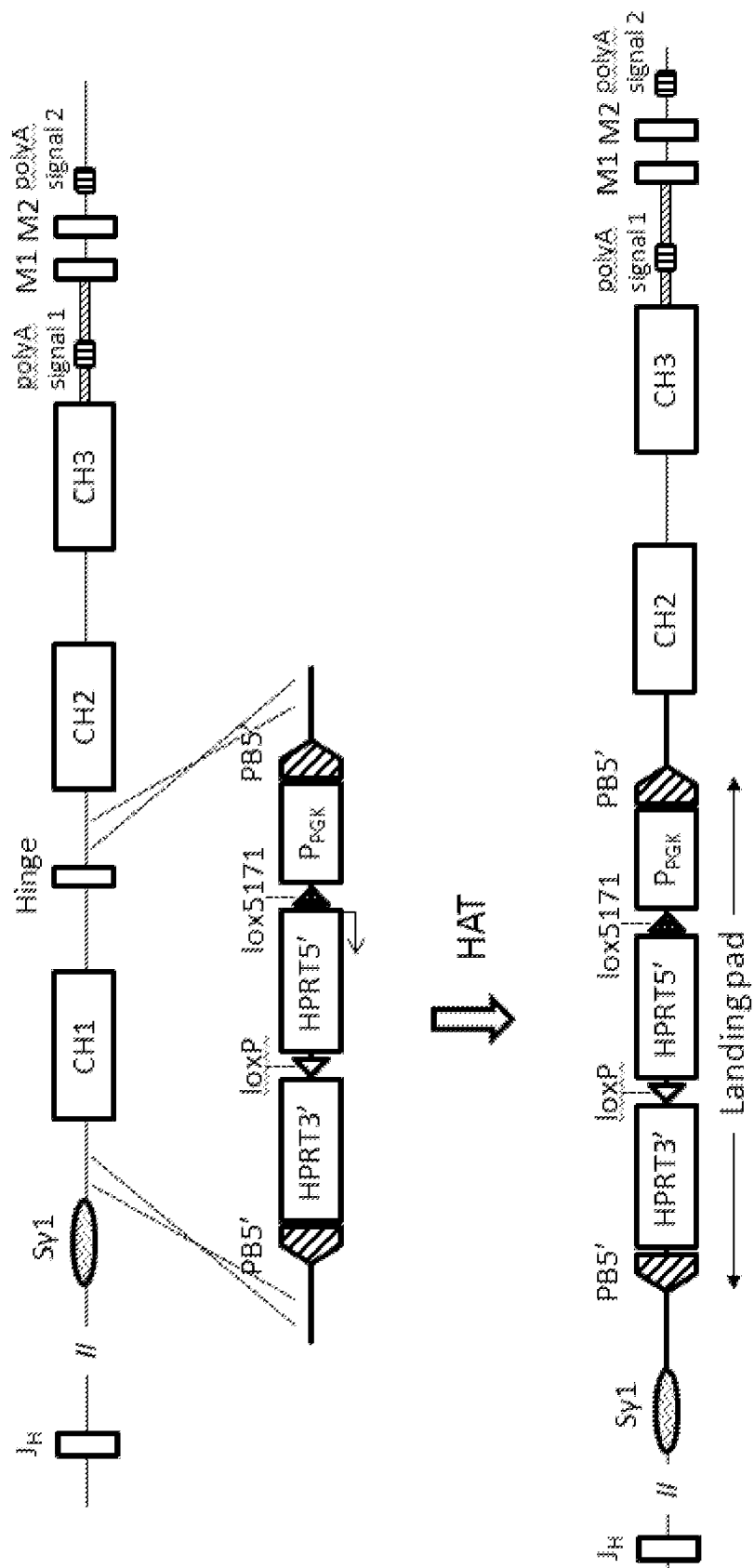


FIGURE 12B

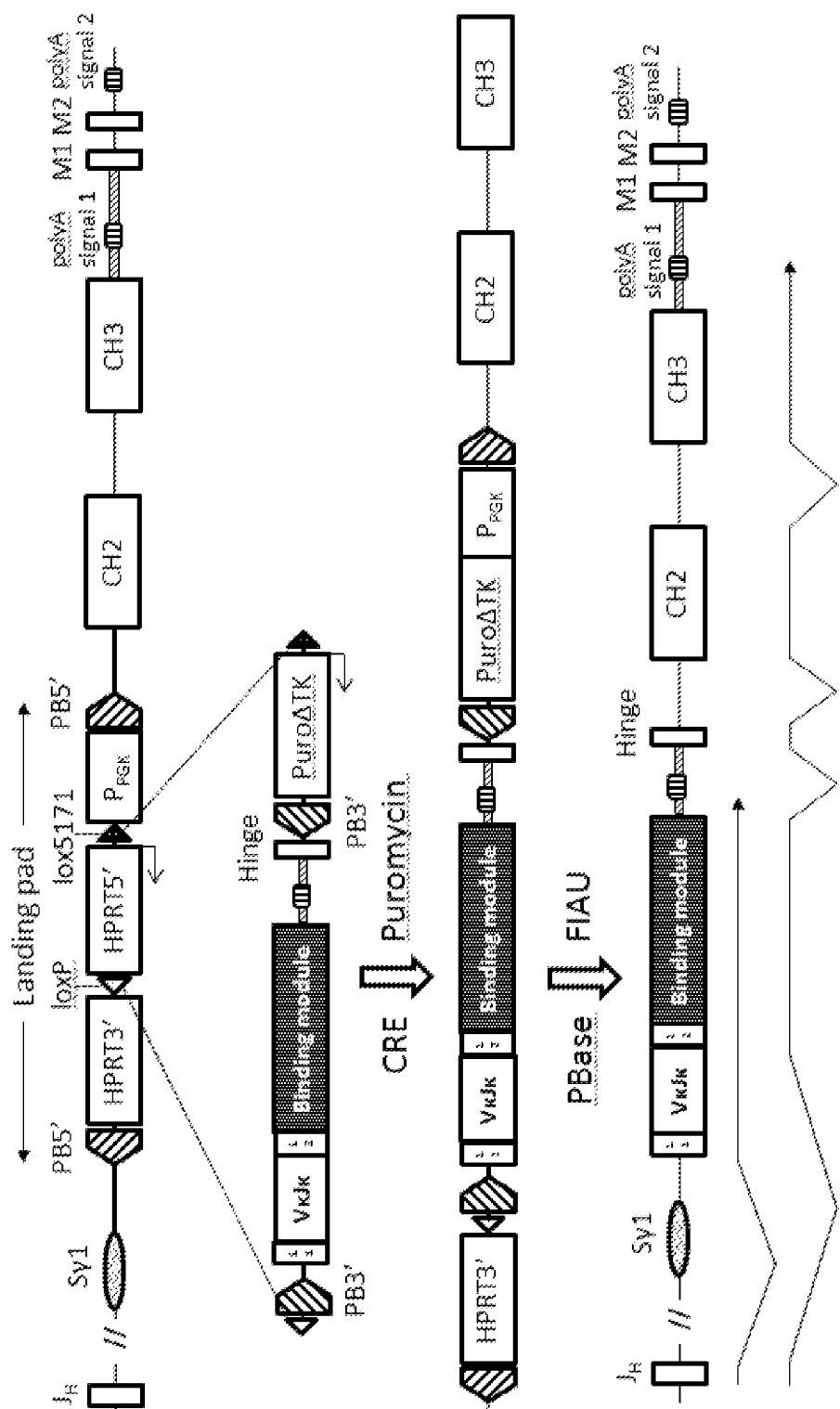


FIGURE 13A

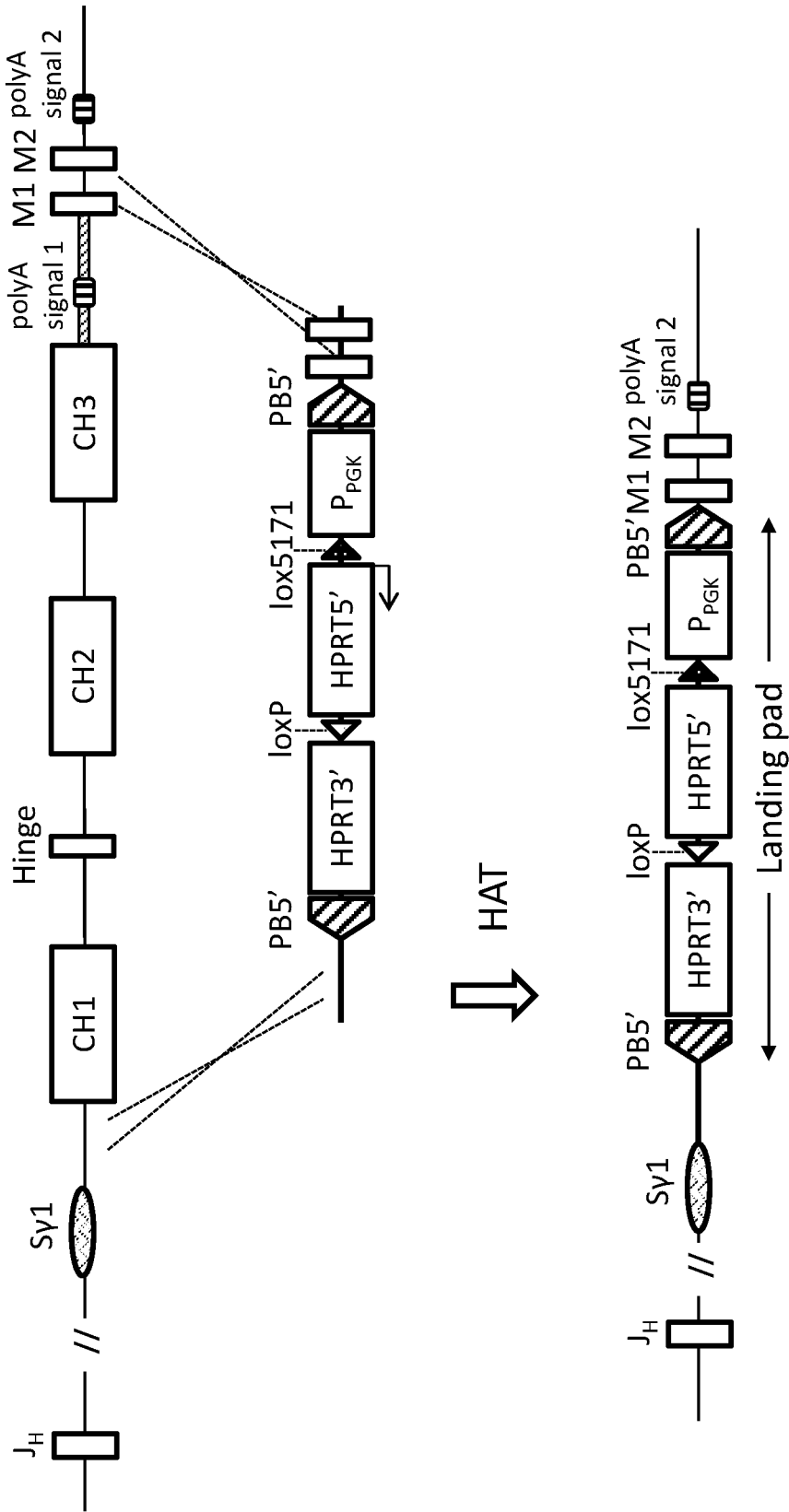


FIGURE 13B

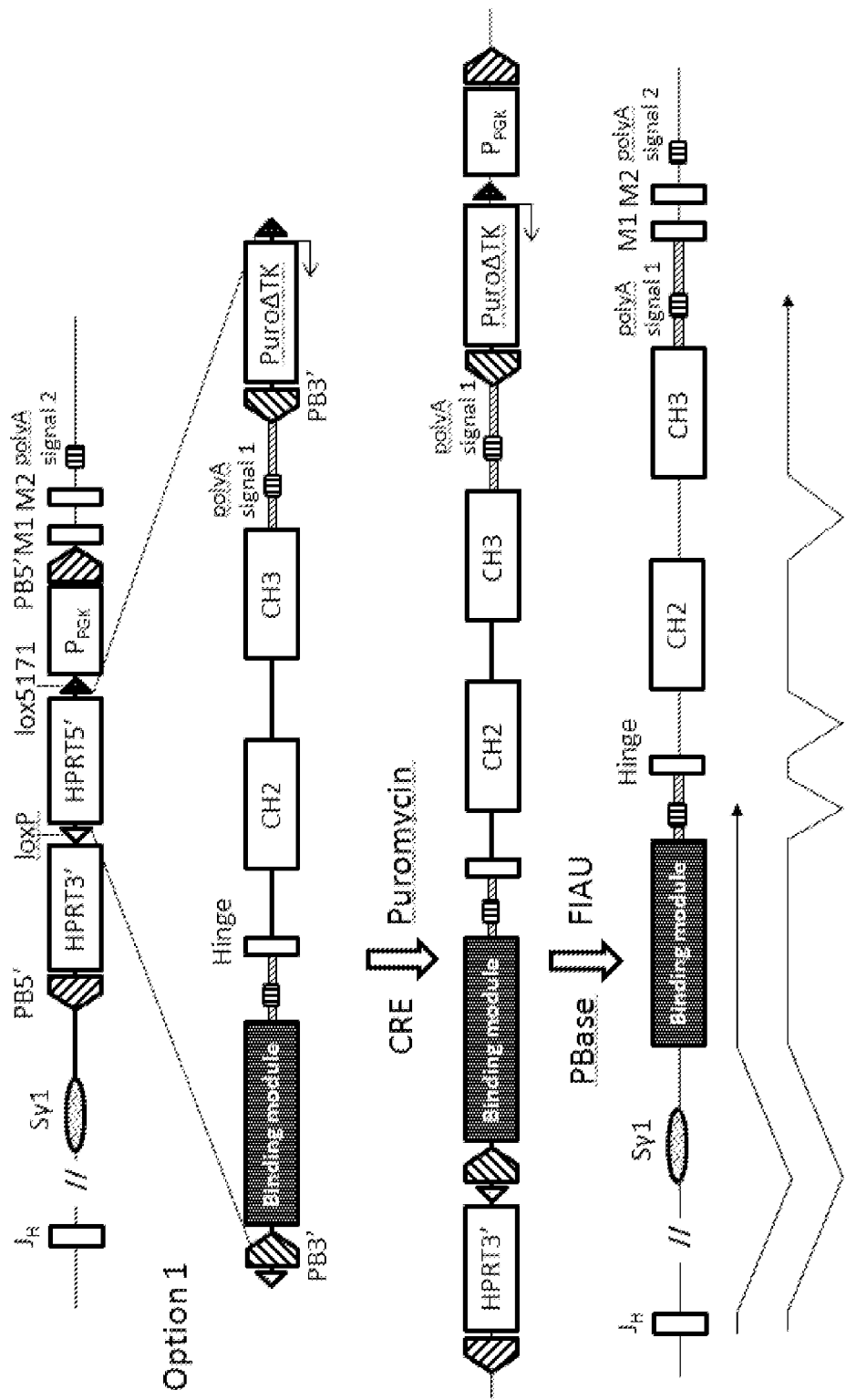


FIGURE 13C

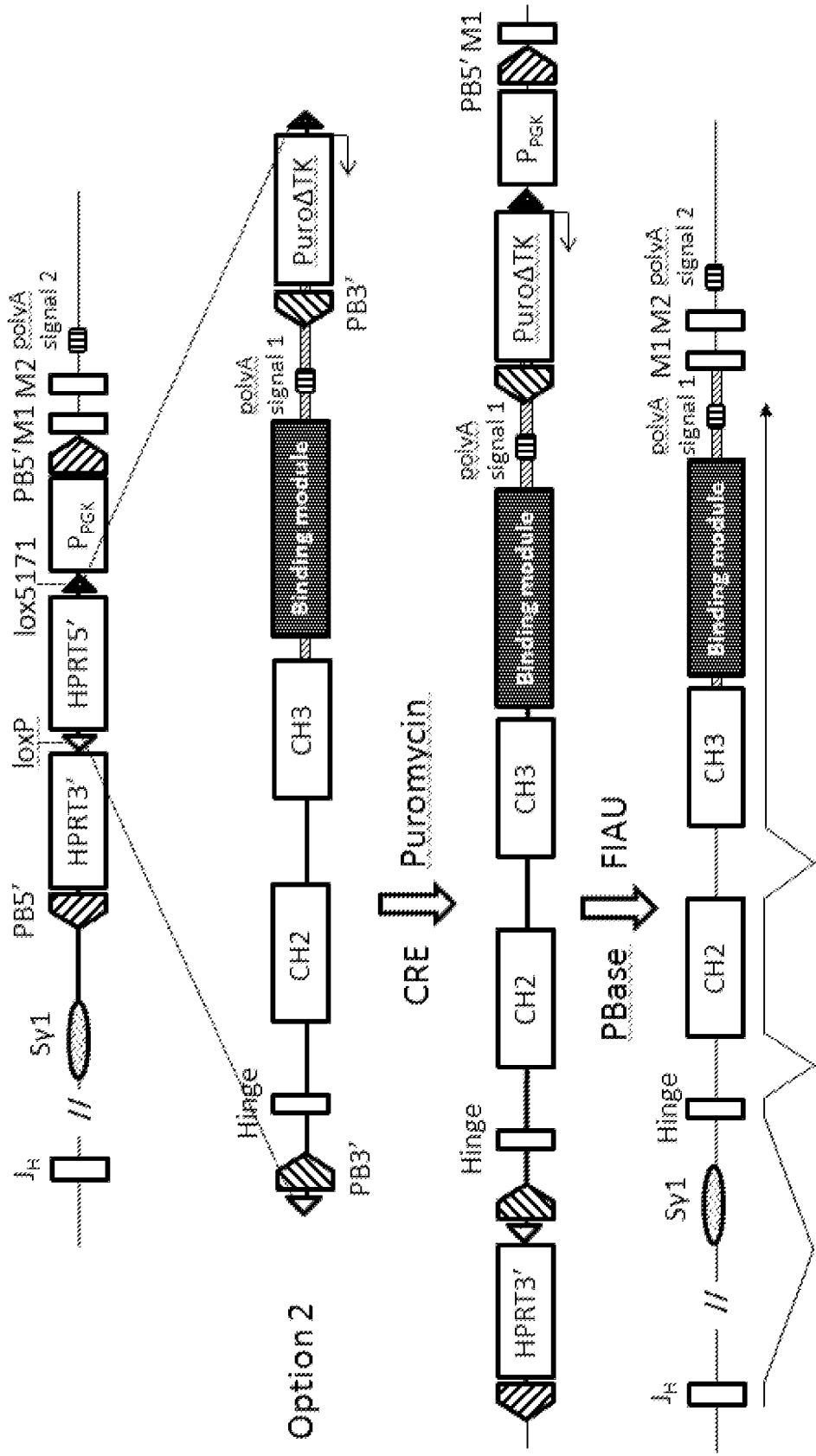


FIGURE 13D

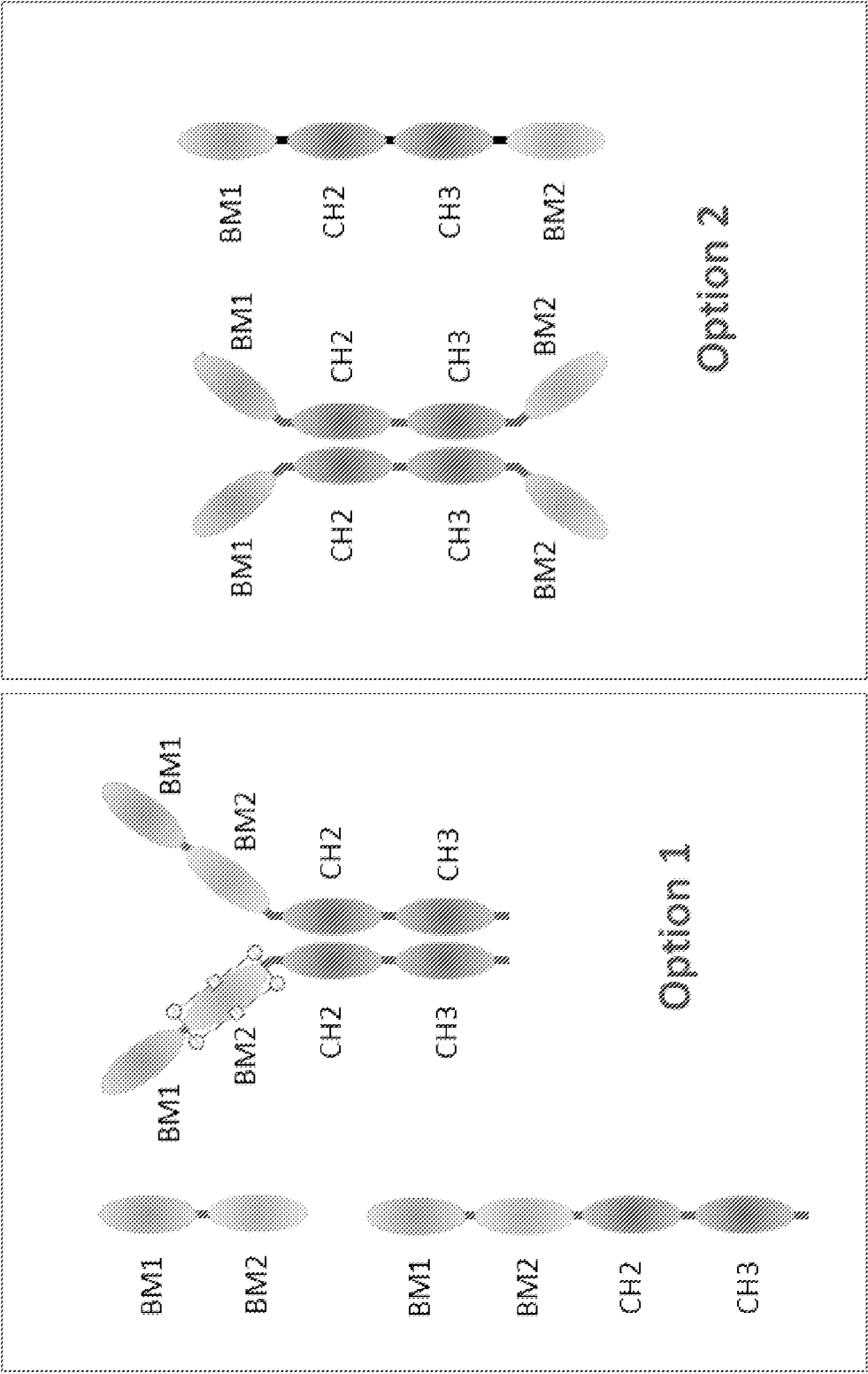
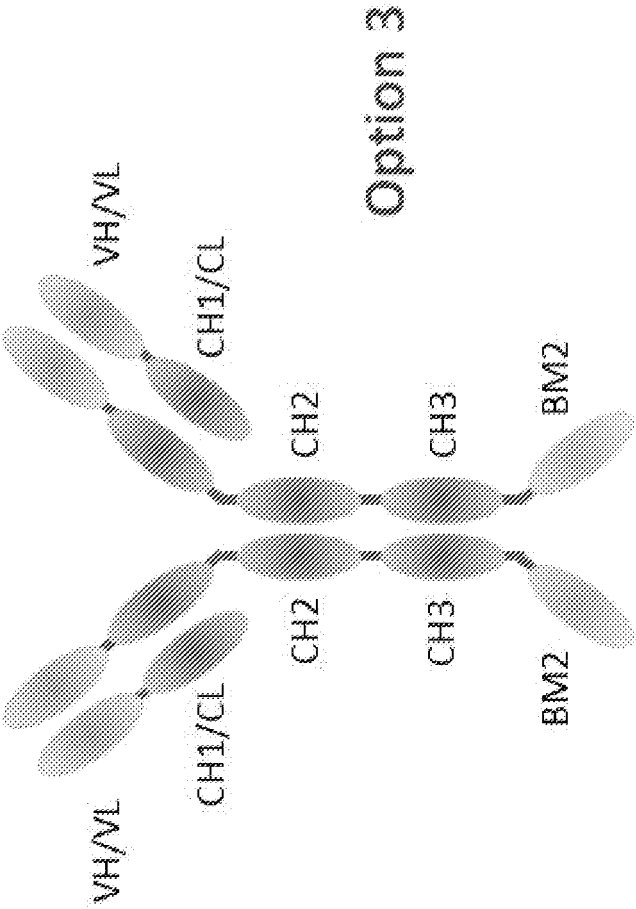
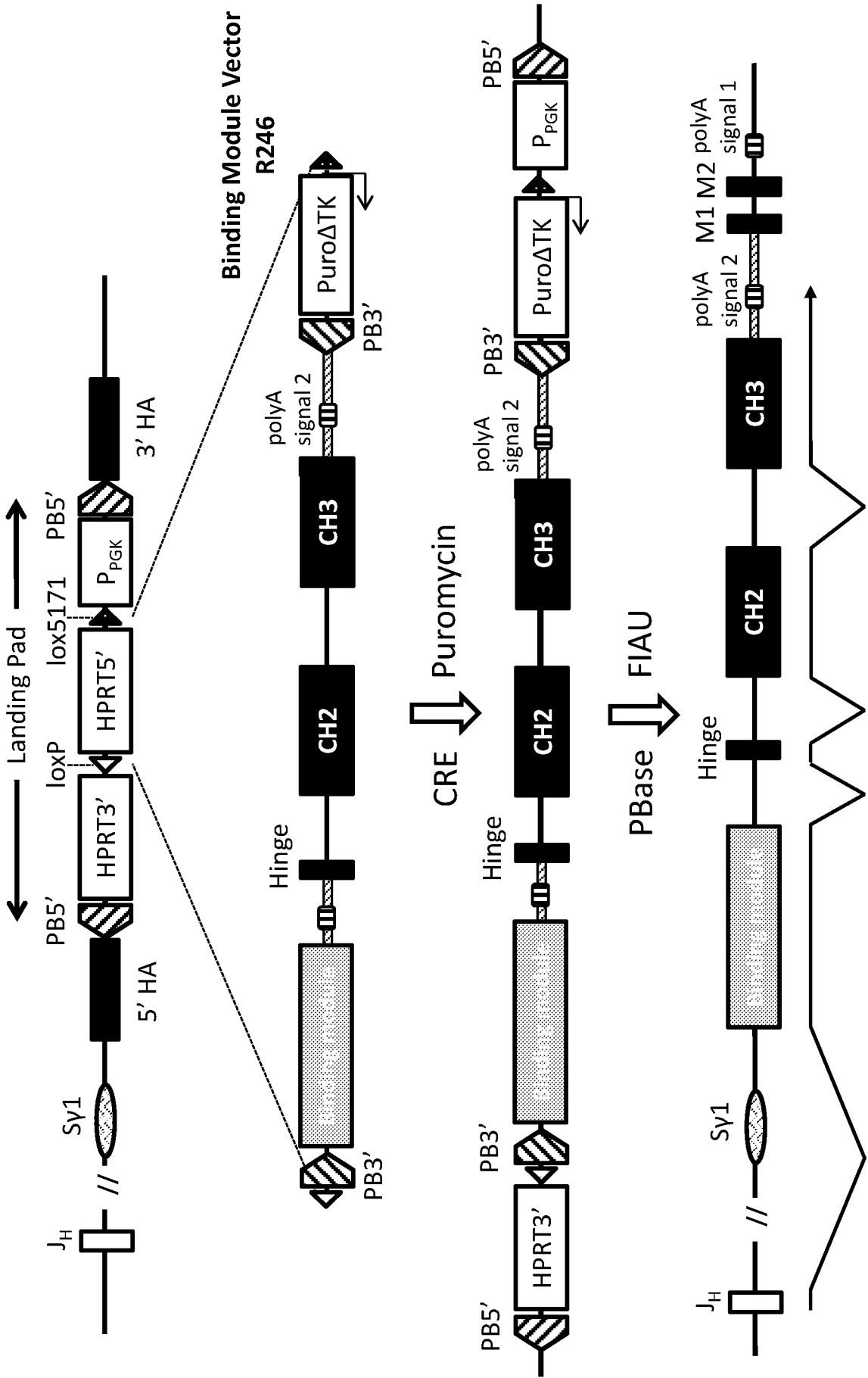


FIGURE 13E



The diagram illustrates the HAT-mediated recombination strategy. The top part shows the donor construct, which includes a J_H loxP site, a sy1 site, a hinge region, and three CH domains (CH1, CH2, CH3). The bottom part shows the entry vector R232, which contains a 5' HA tag, a sy1 site, a landing pad with loxP sites, and a 3' HA tag. An arrow labeled "HAT" indicates the recombination event. The resulting product shows the CH domains integrated into the landing pad, flanked by the 5' and 3' HA tags.

FIGURE 14B



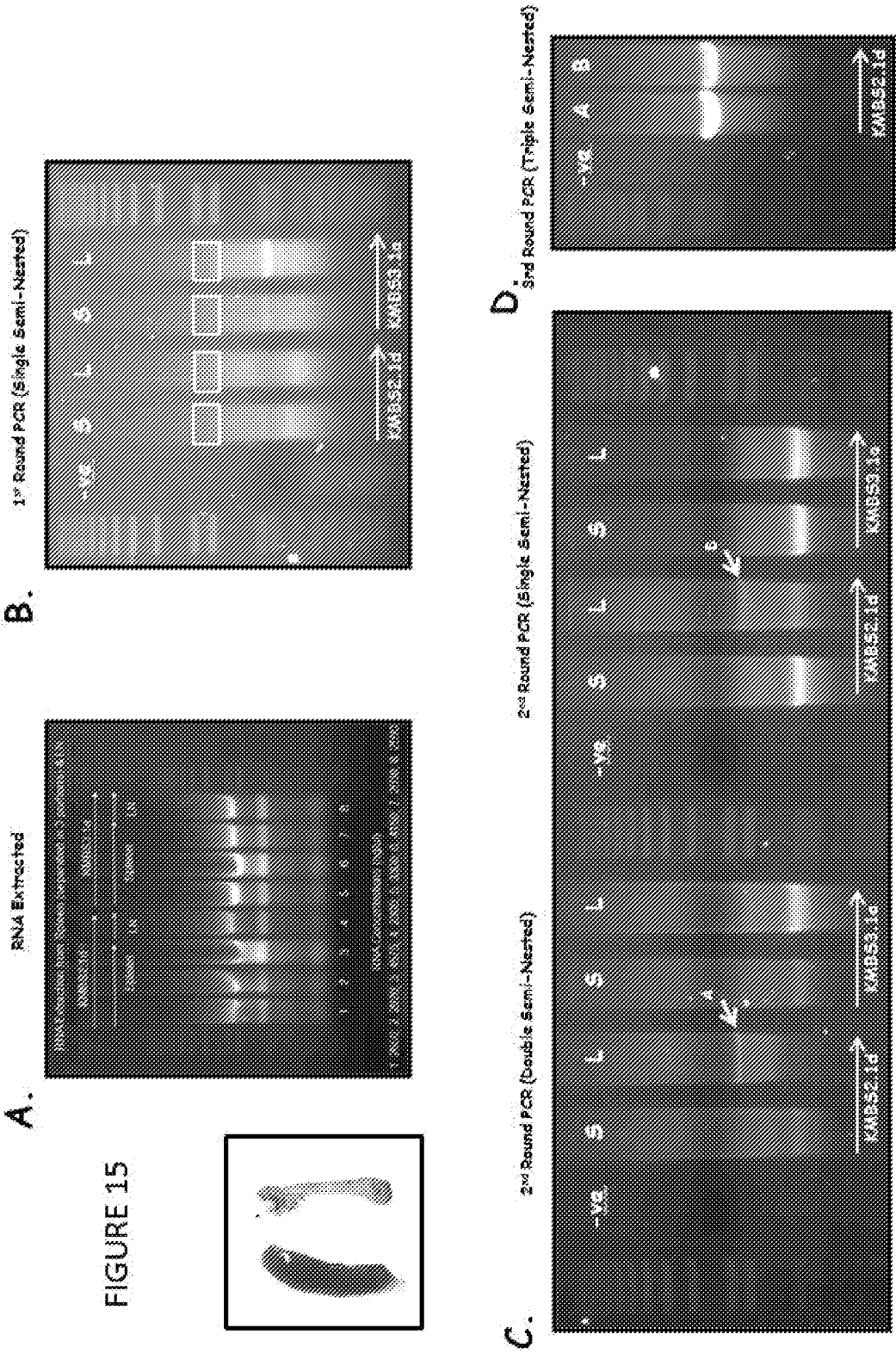


FIGURE 15

FIGURE 16

