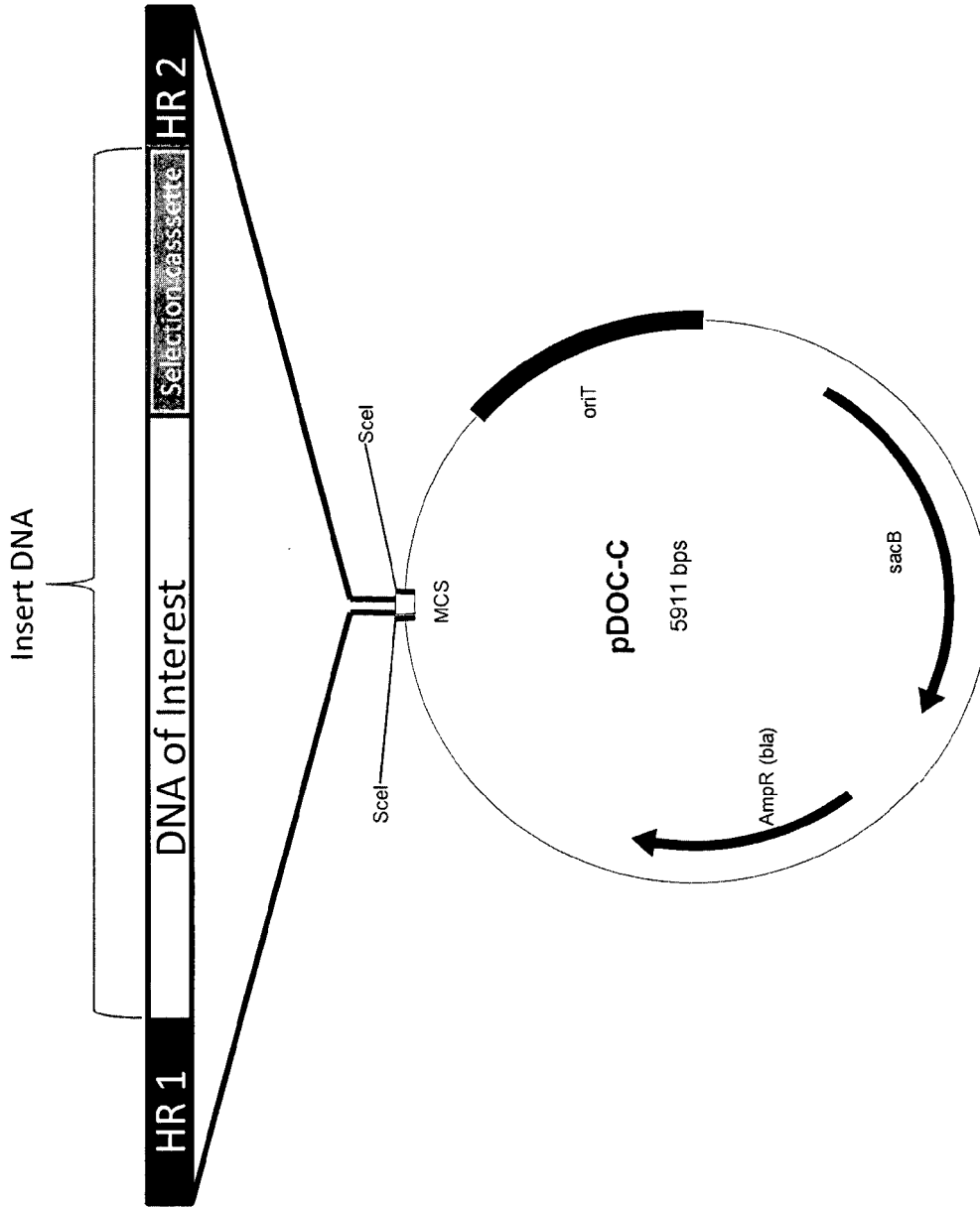


**FIG. 1**

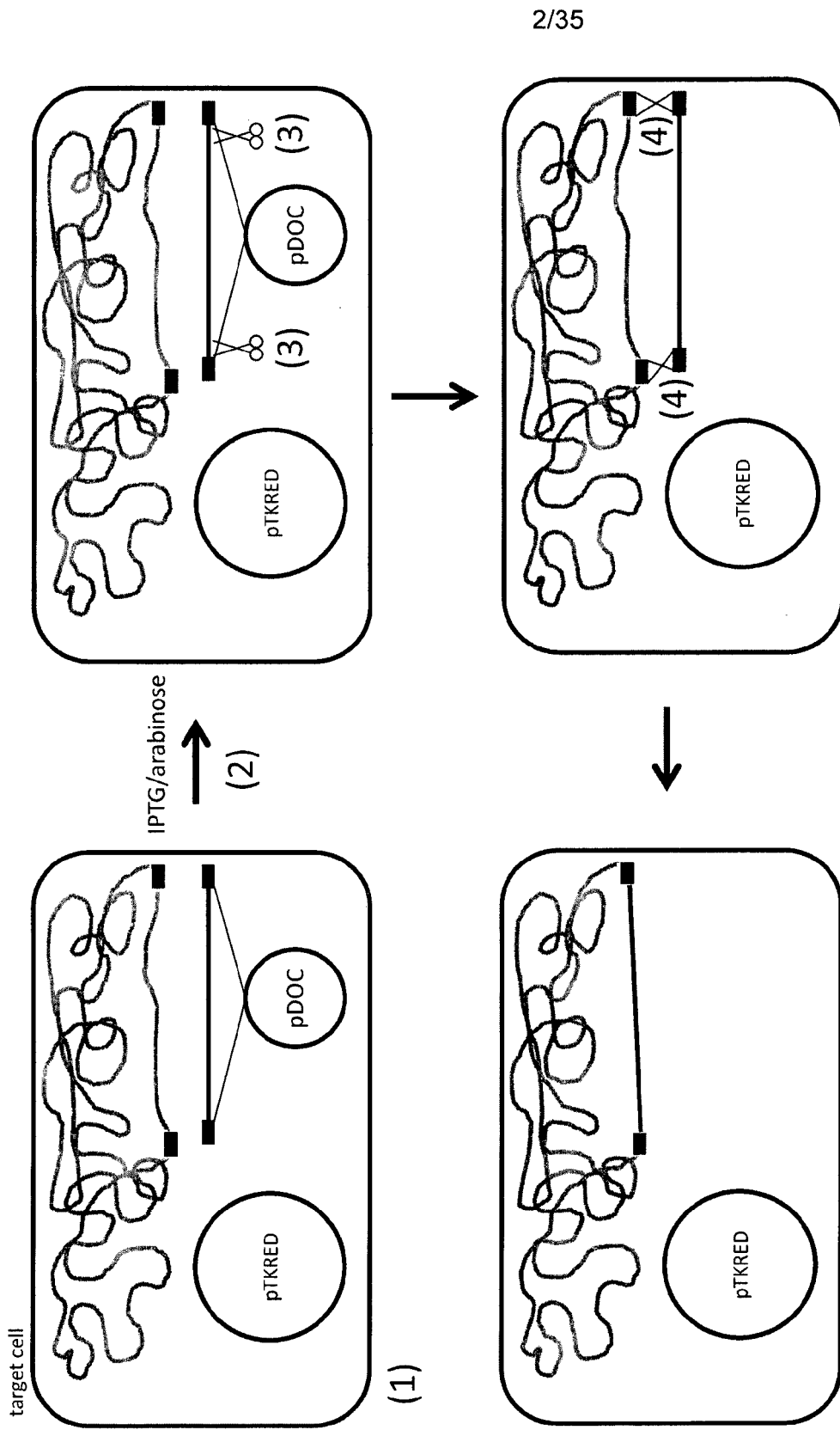
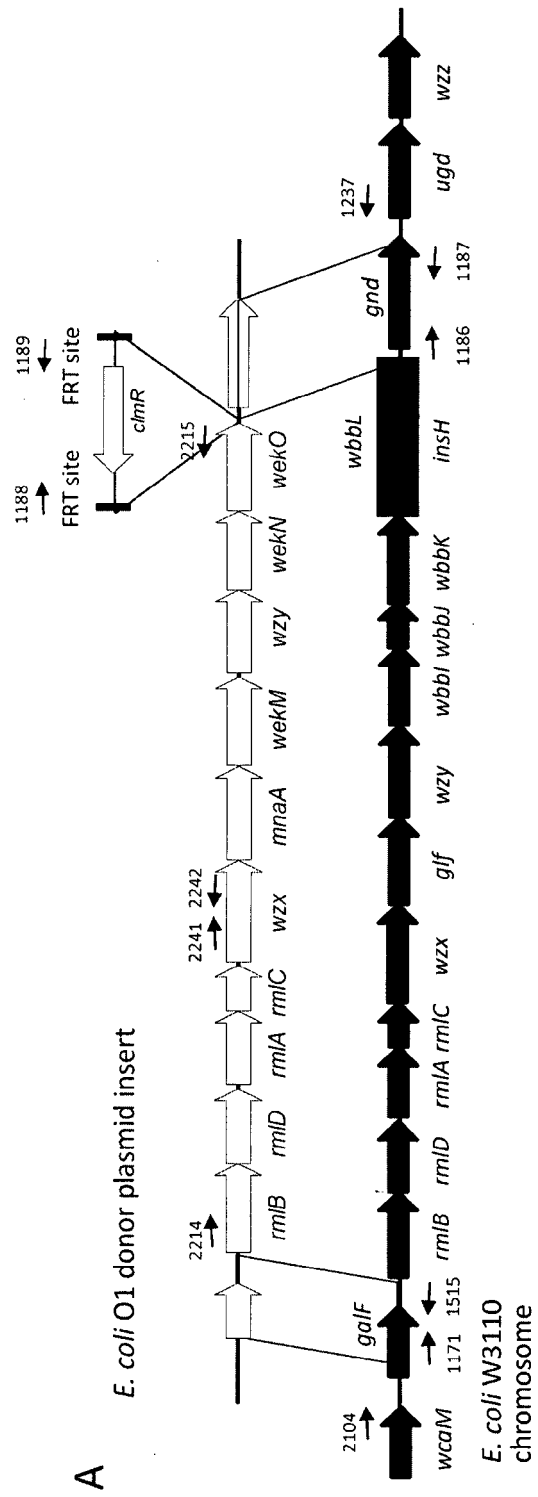
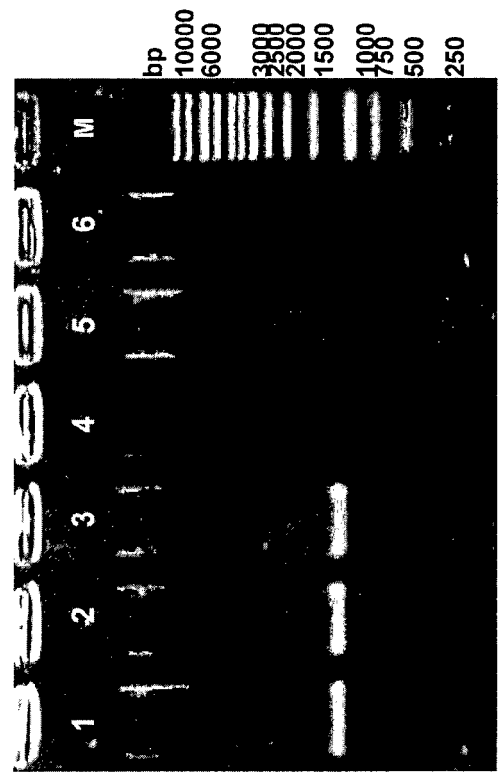


FIG. 2

**B****FIG. 3**

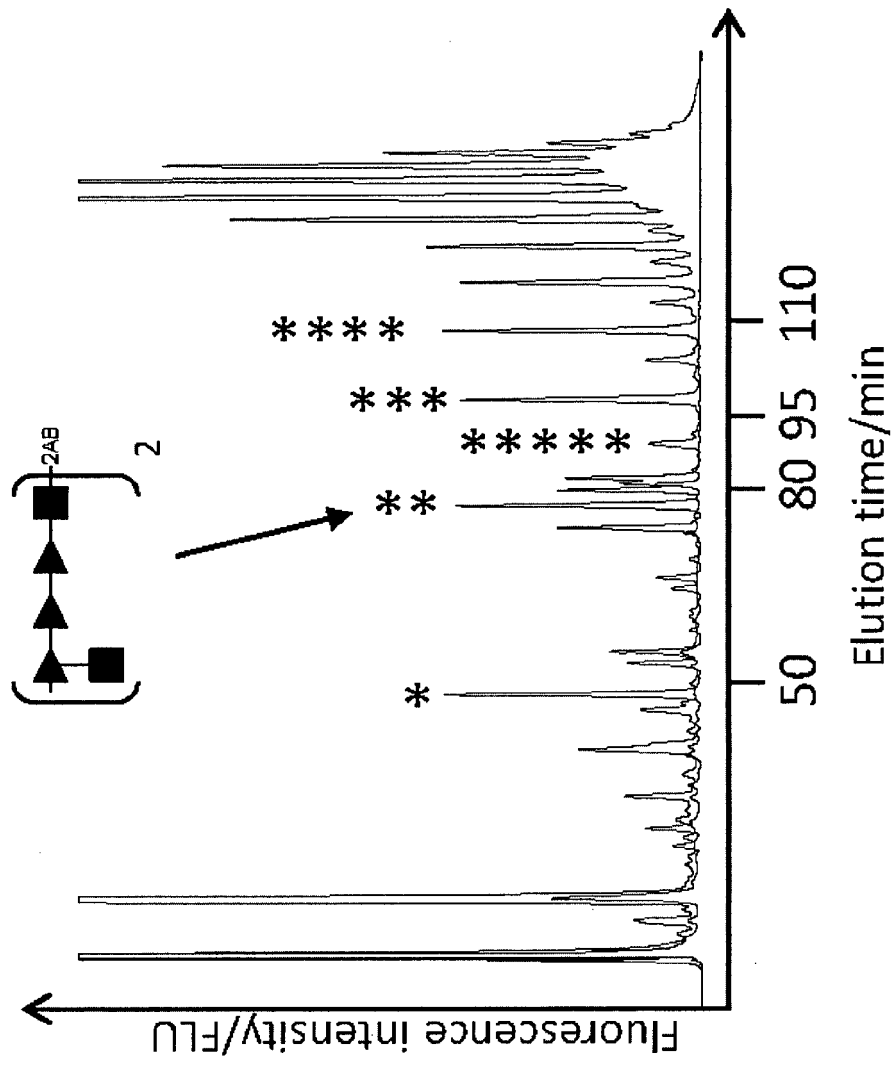


FIG. 5A

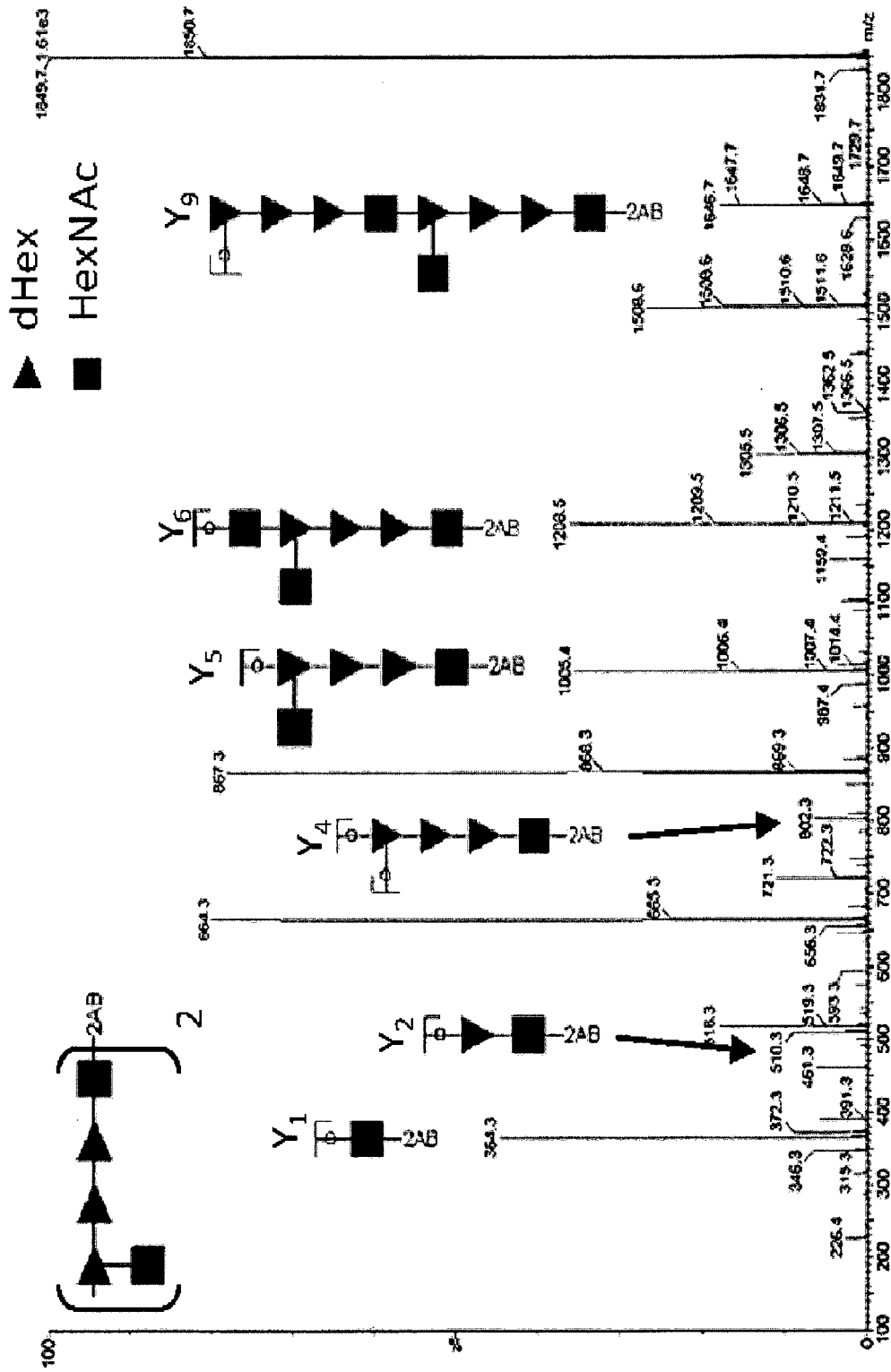


FIG. 5B

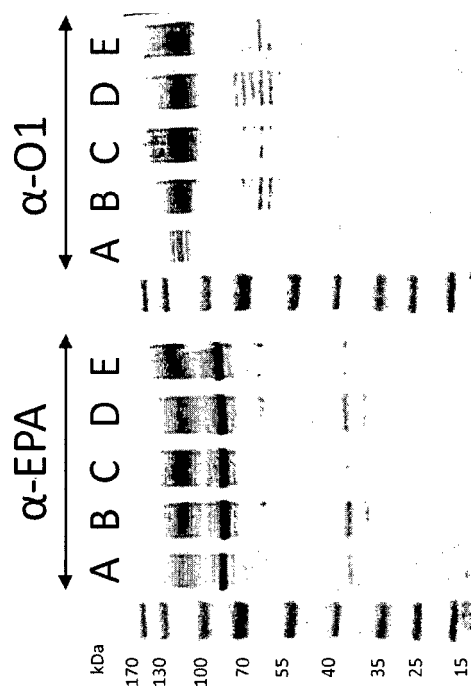
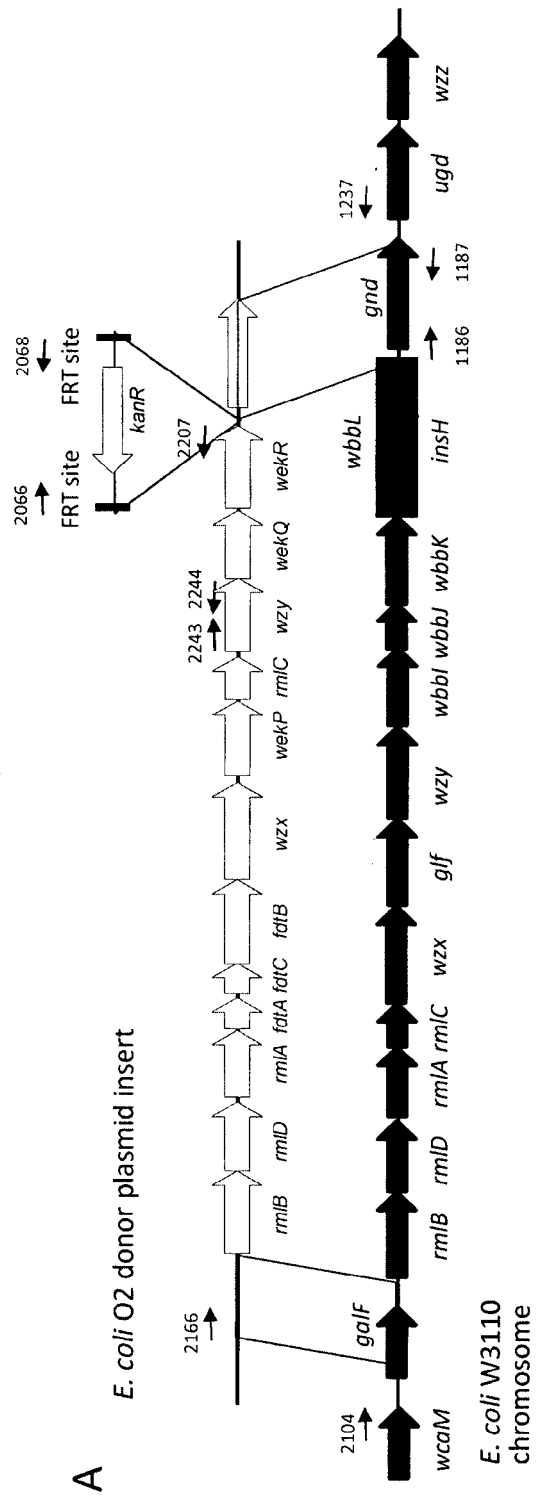


FIG. 6



B

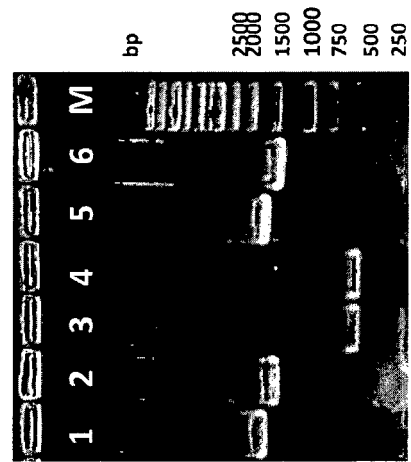


FIG. 7

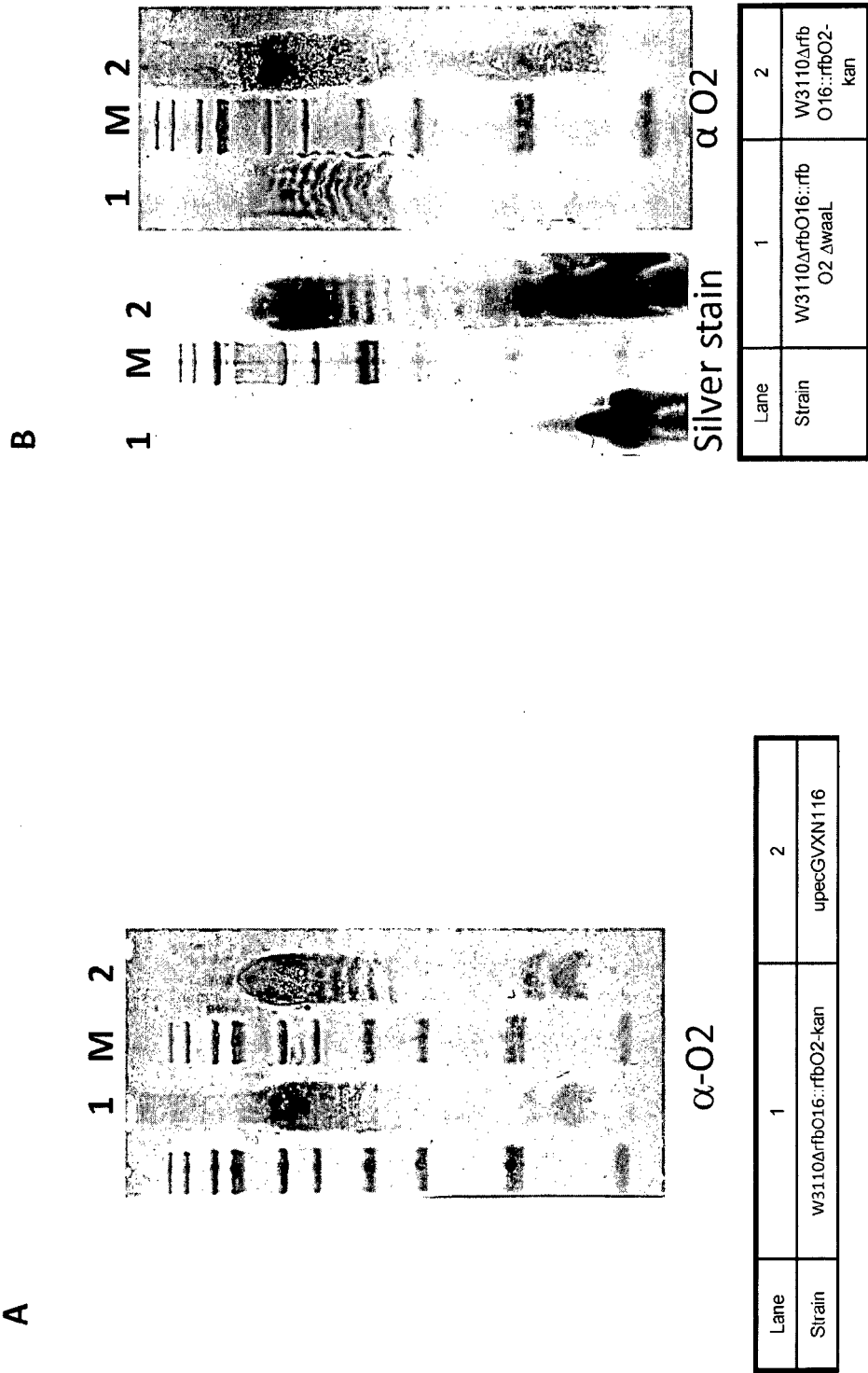


FIG. 8

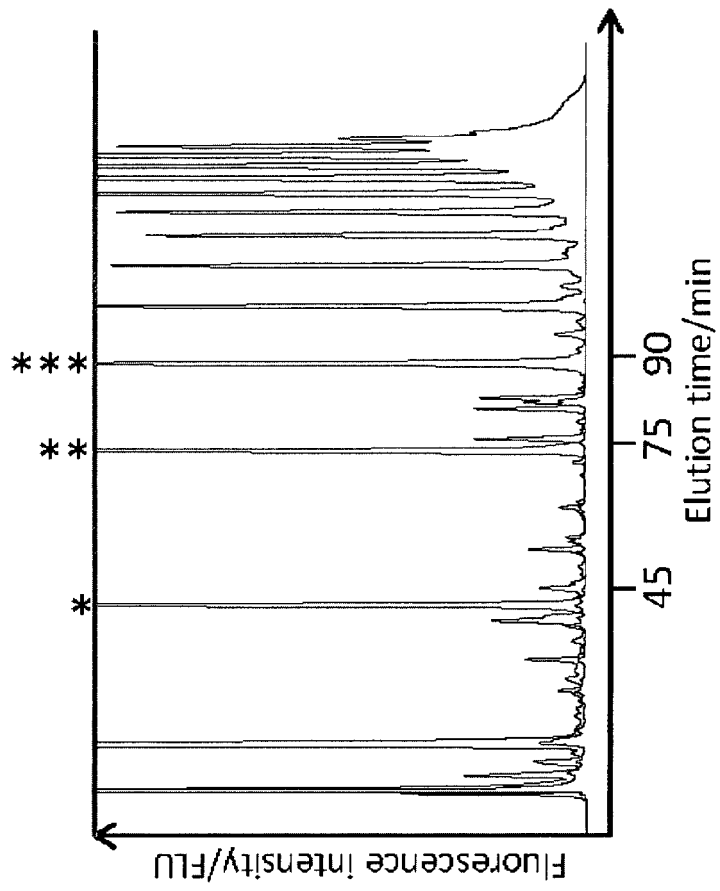


FIG. 9A

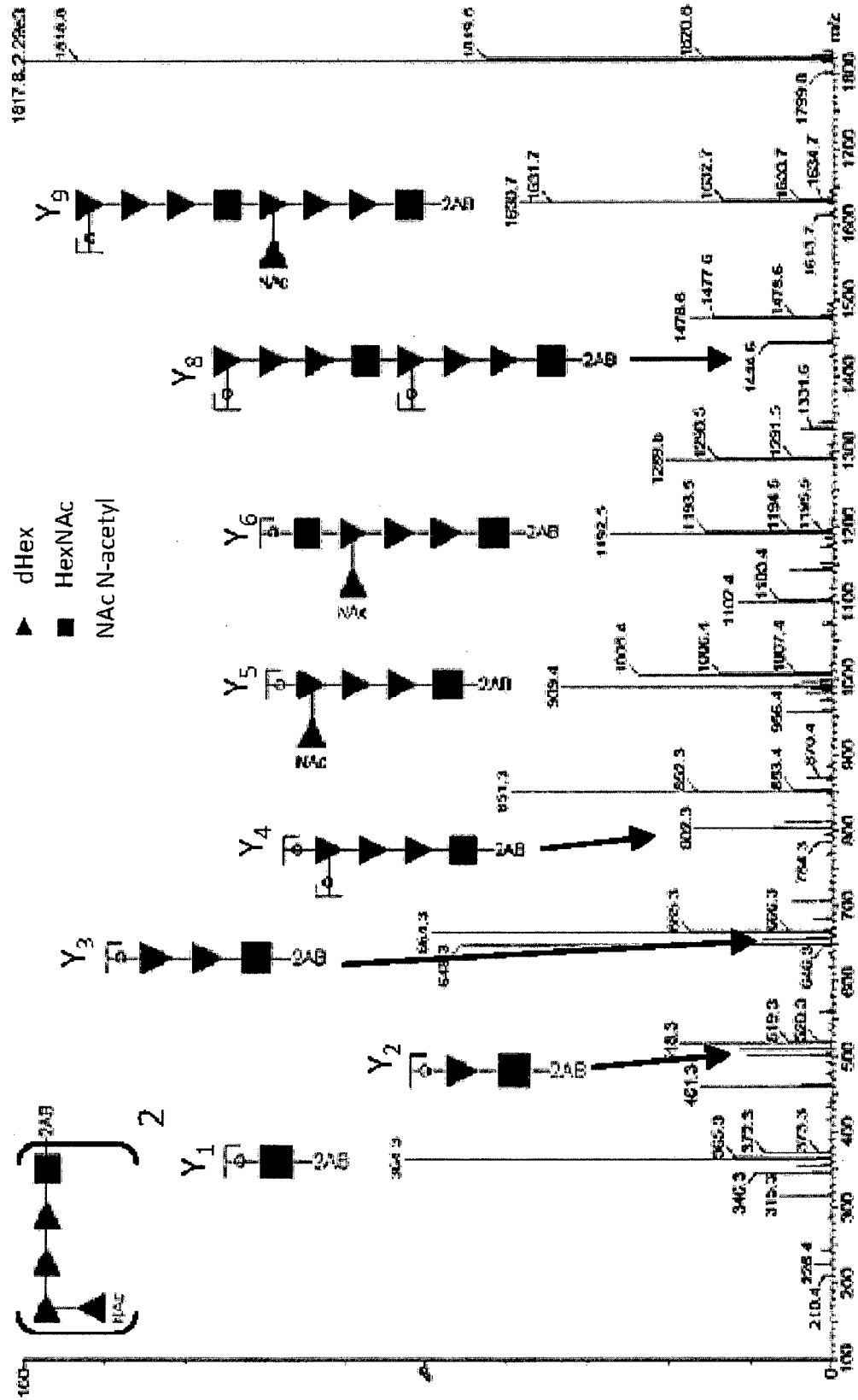


FIG. 9B

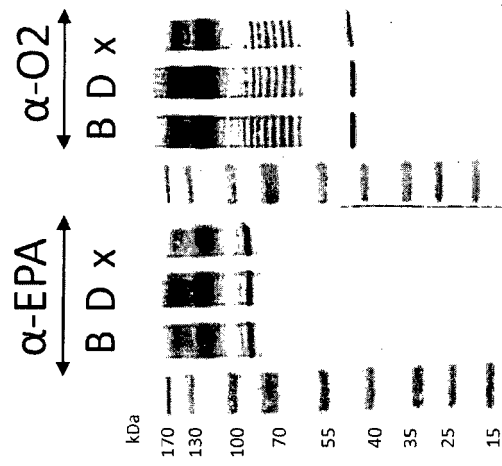


FIG. 10

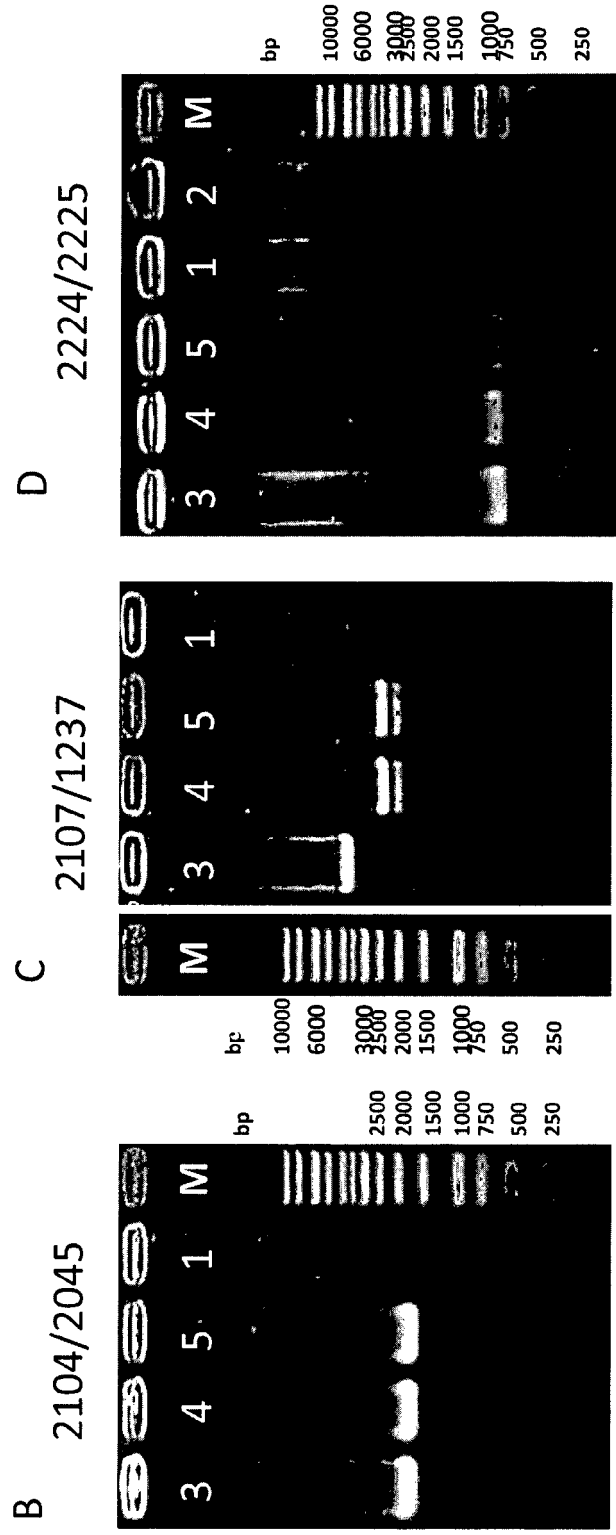
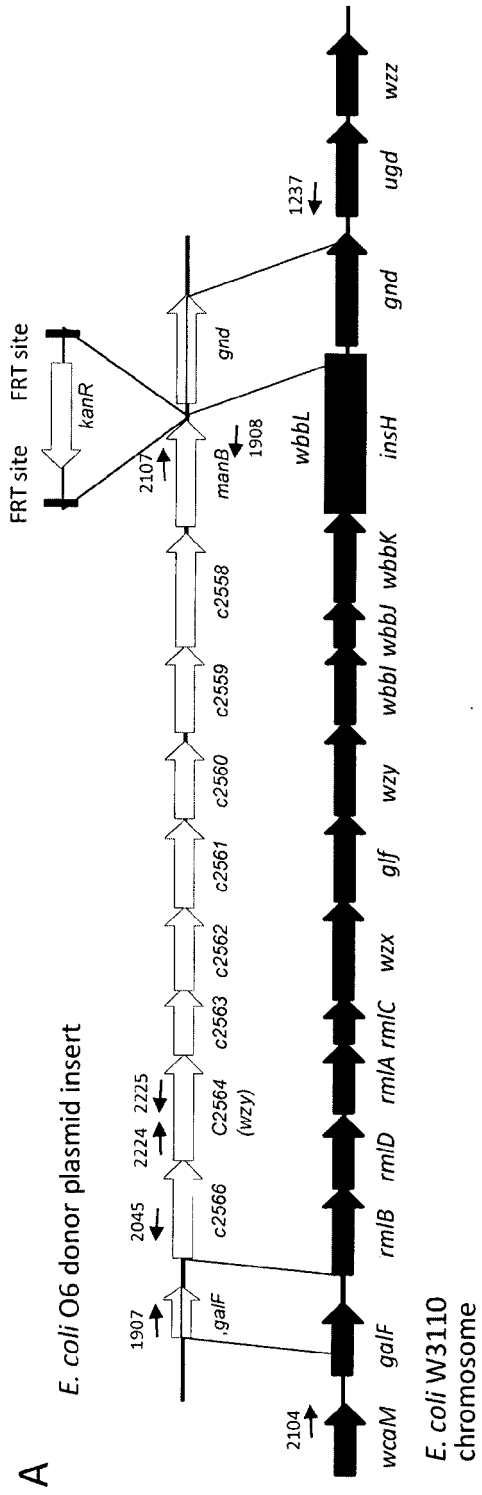


FIG. 11

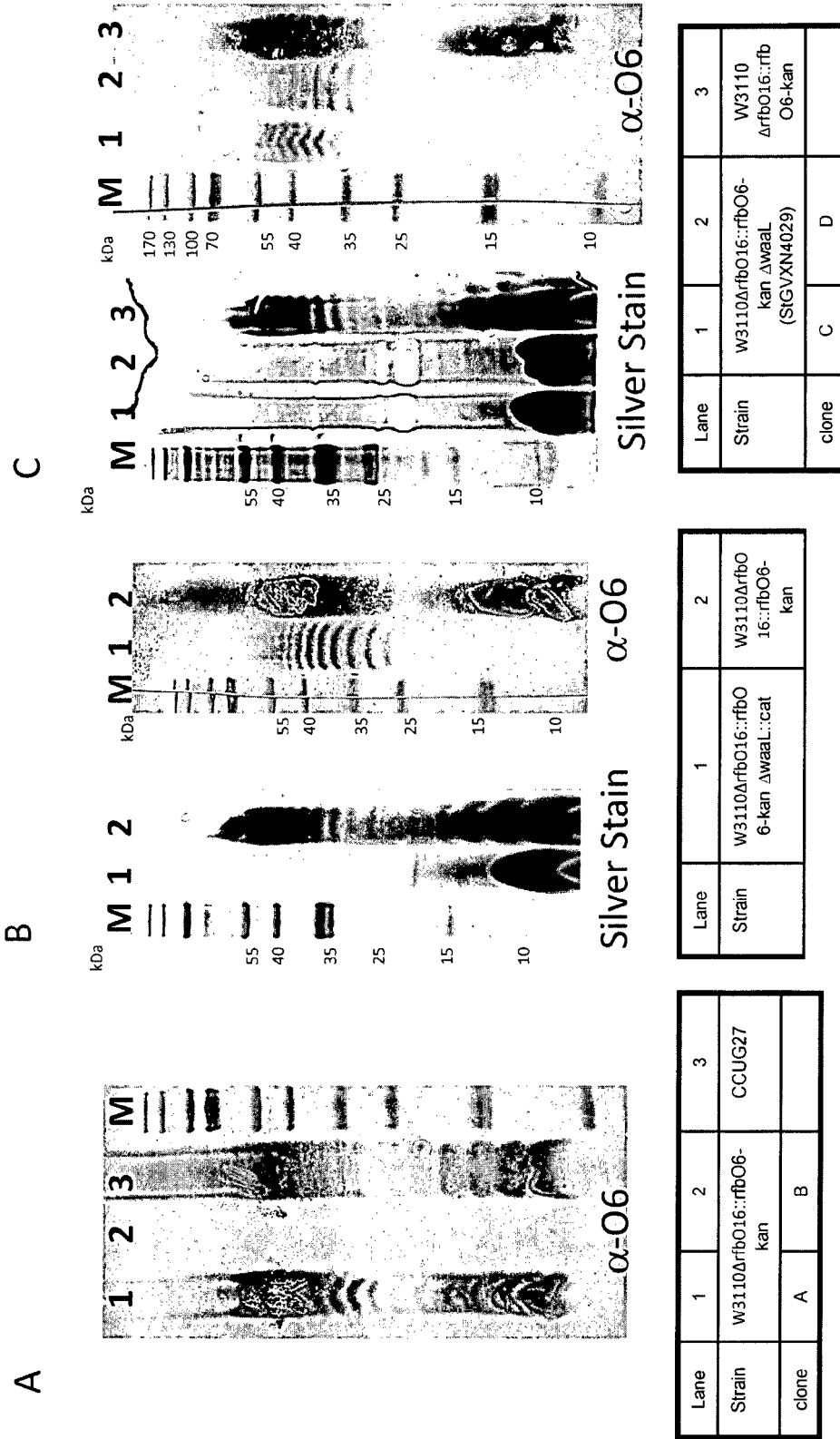


FIG. 12

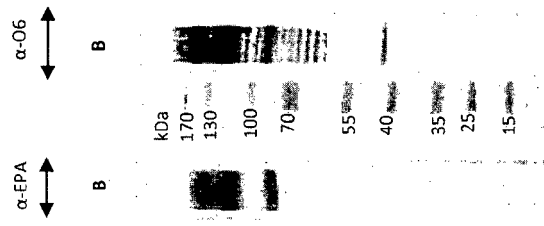


FIG. 13

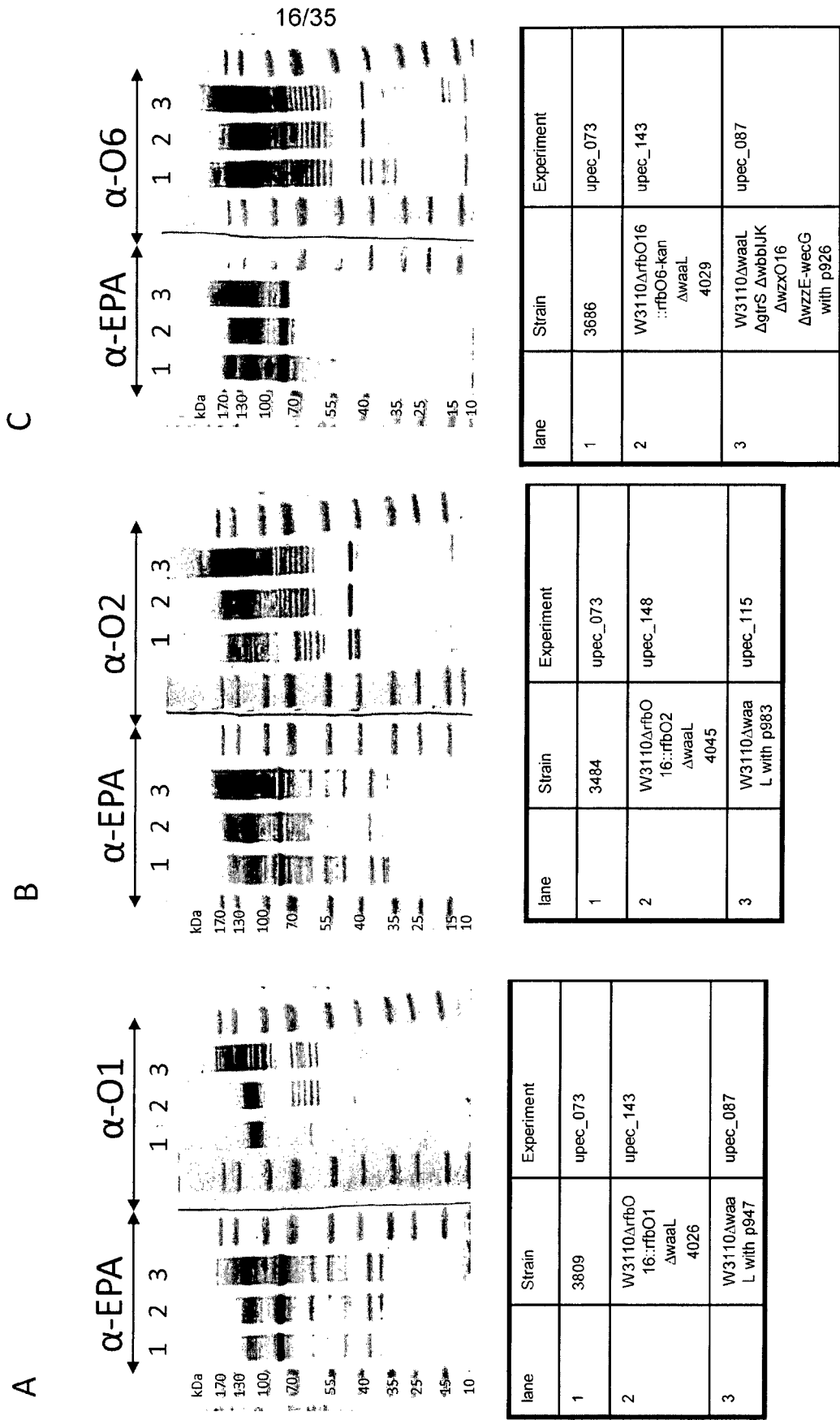
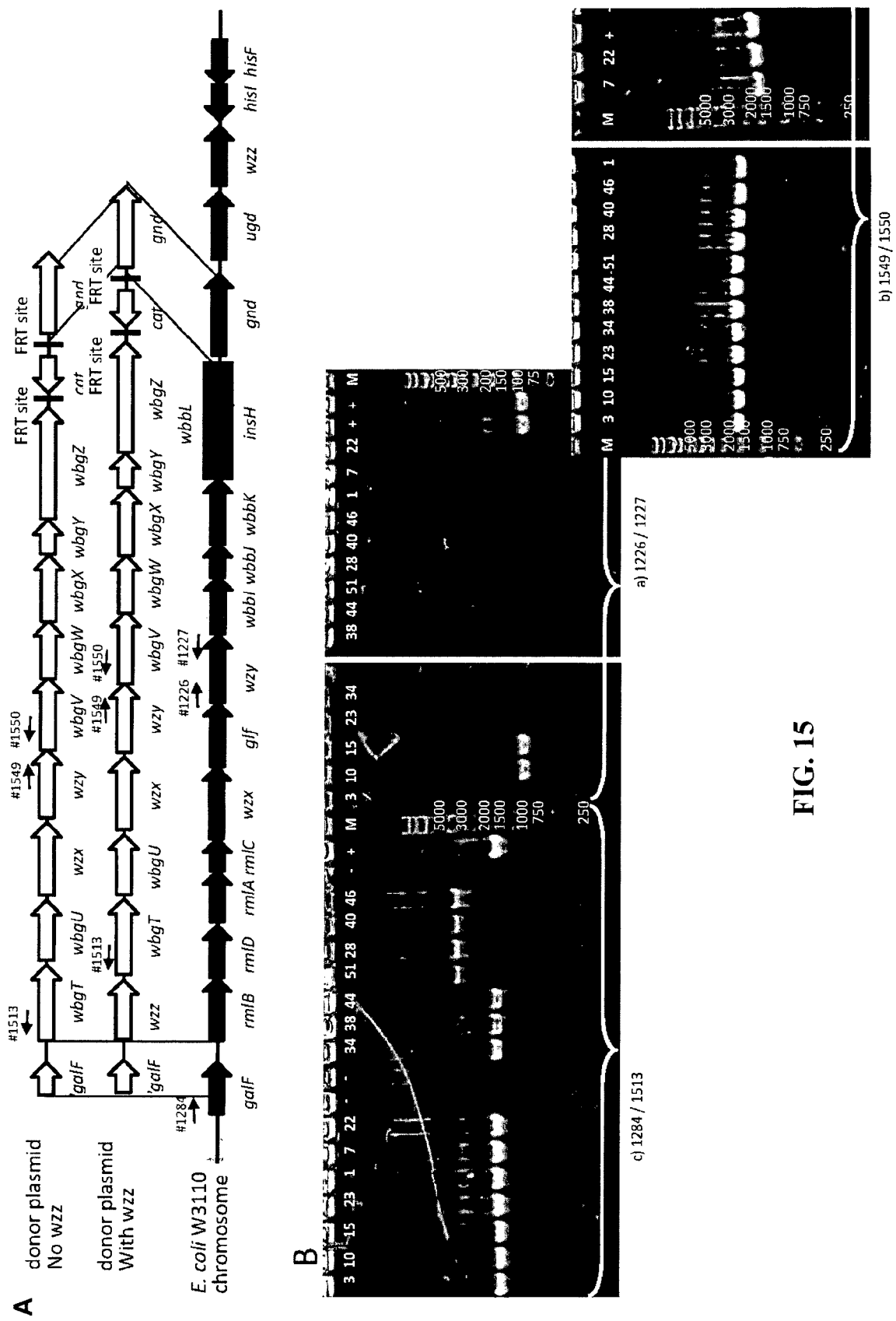


FIG. 14



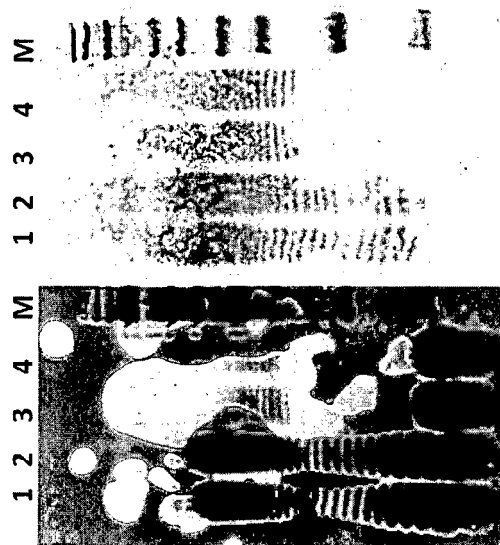


FIG. 16

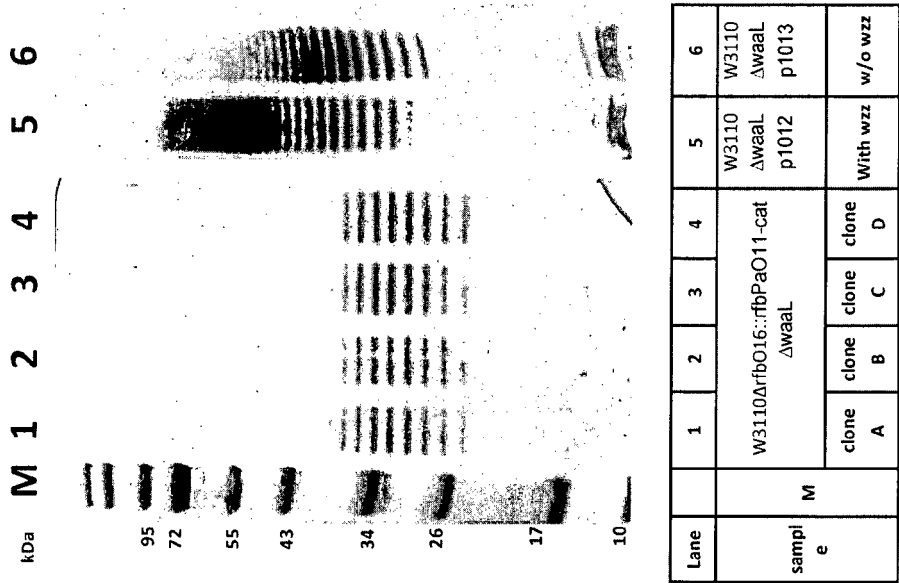
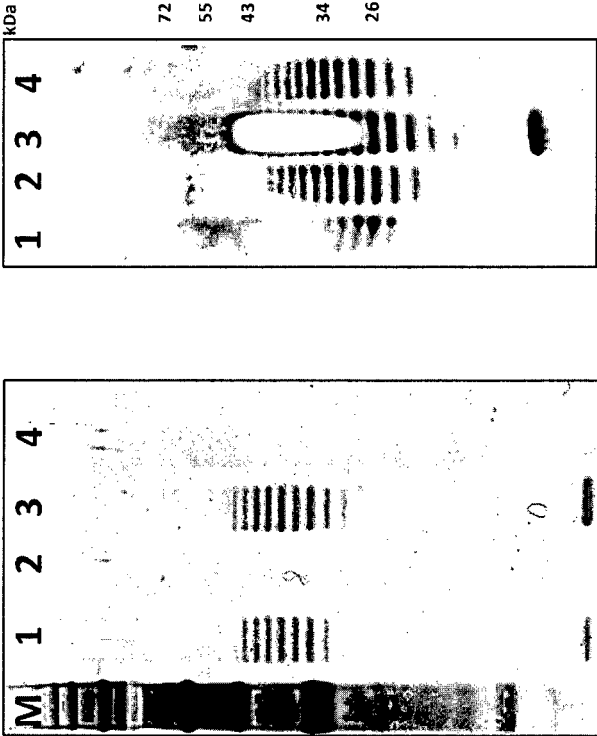


FIG. 17



Silver stain *α S. dysenteriae* type 1

Lane	1	2	3	4
Strain	W3110 ΔrfbO16::rfbSd1	W3110 ΔwaaL ΔrfbO16::rfbSd1	W3110 ΔrfbO16::rfbSd1- cat	W3110 ΔwaaL ΔrfbO16::rfbSd1-cat

FIG. 18

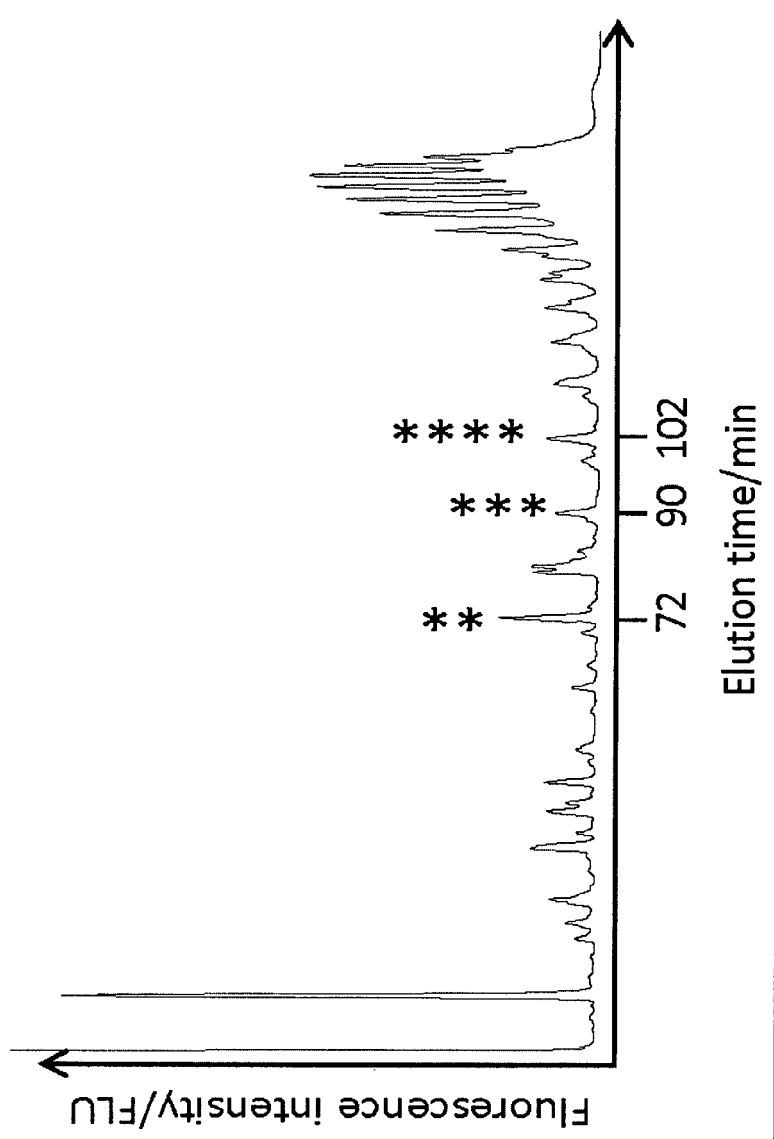


FIG. 19A

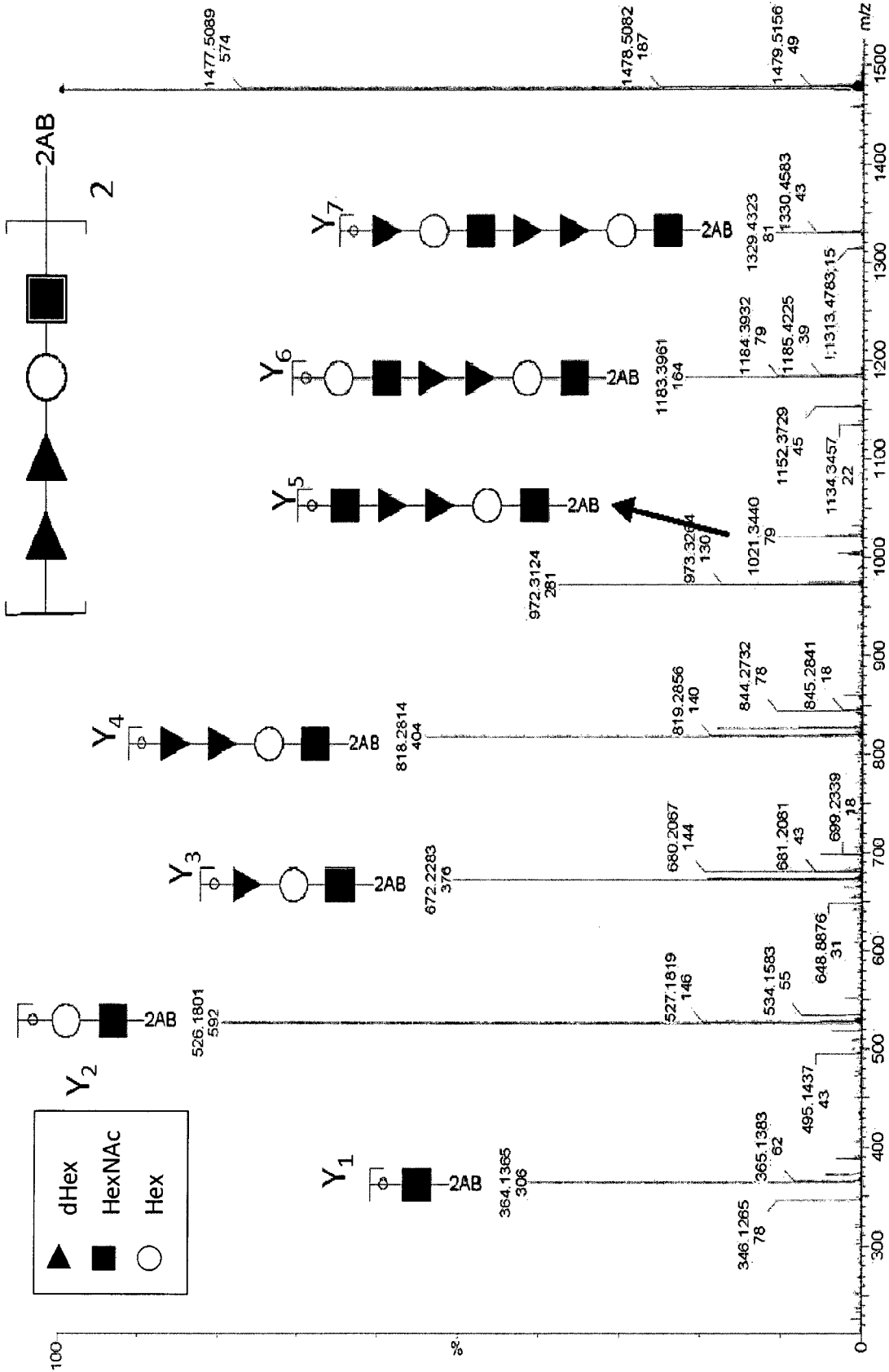


FIG. 19B

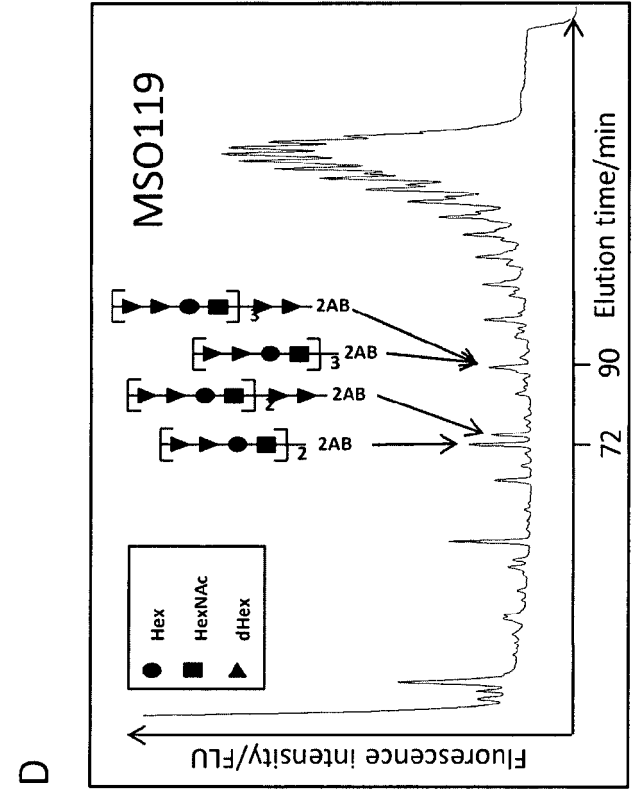
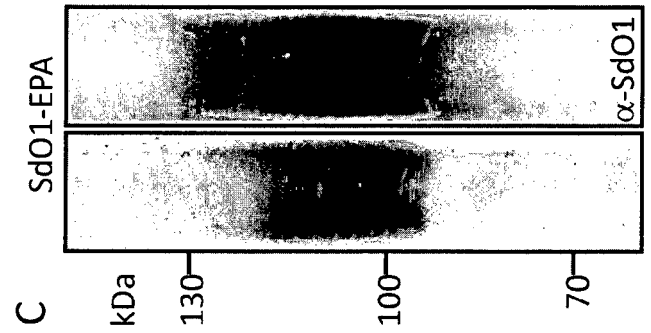
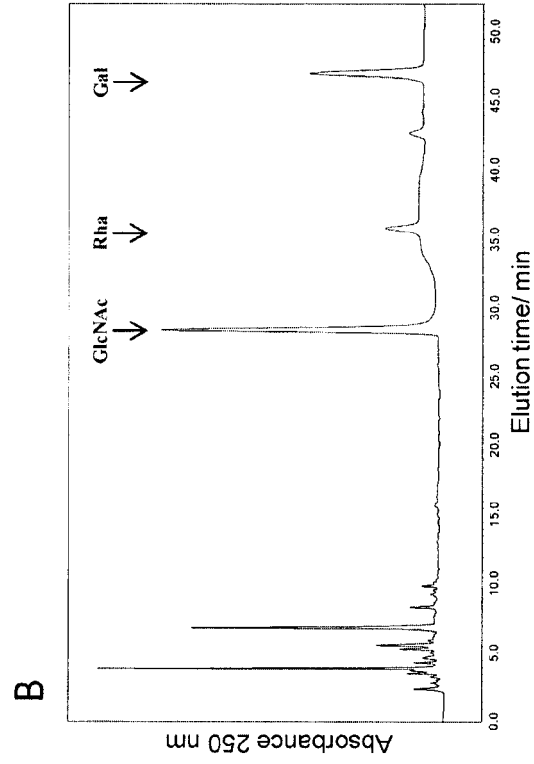
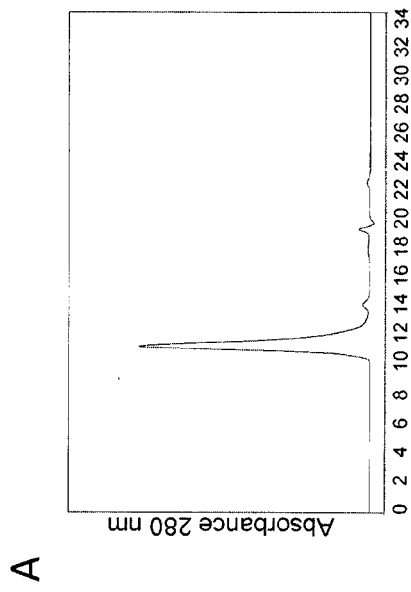


FIG. 20

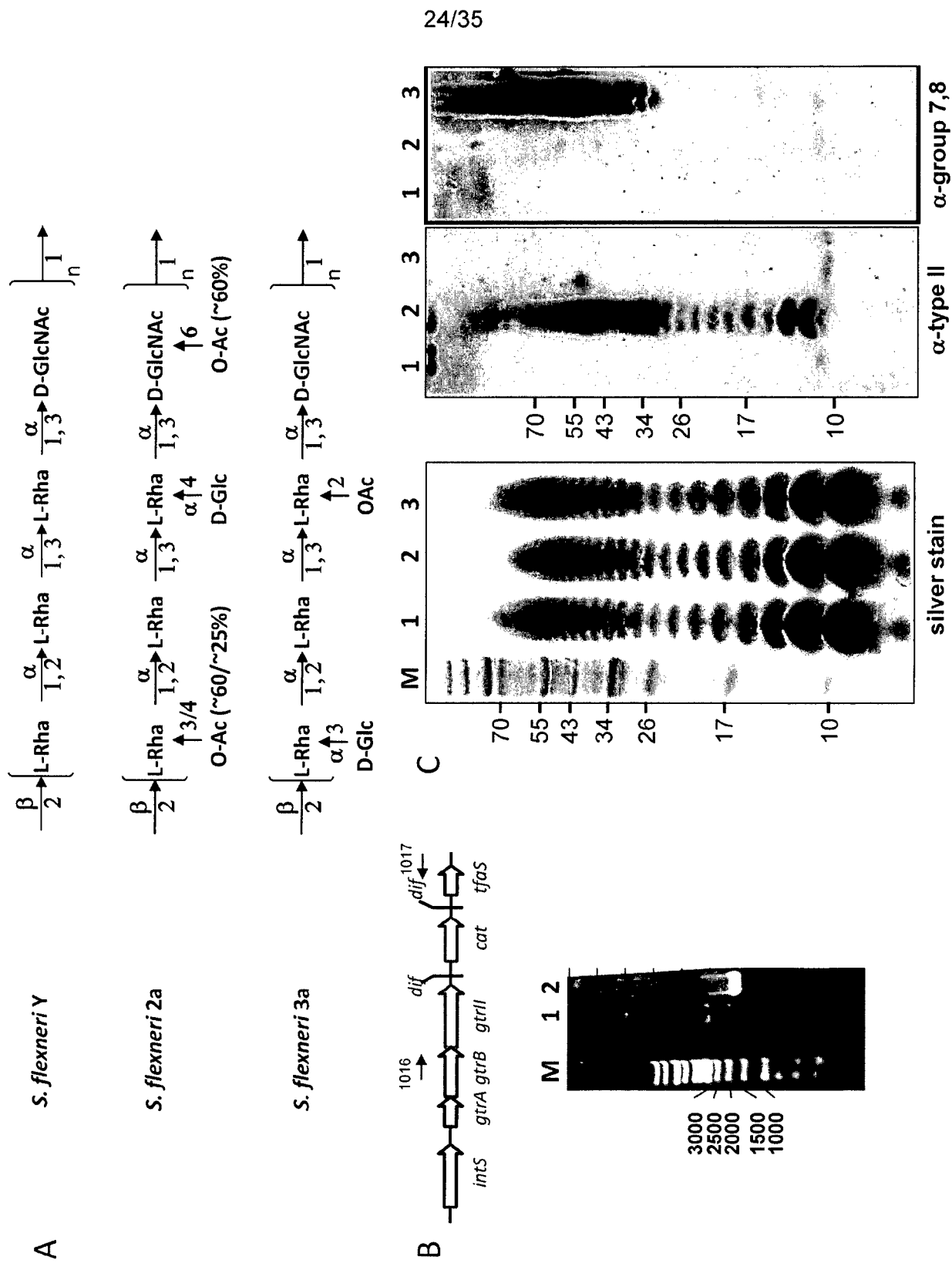


FIG. 21

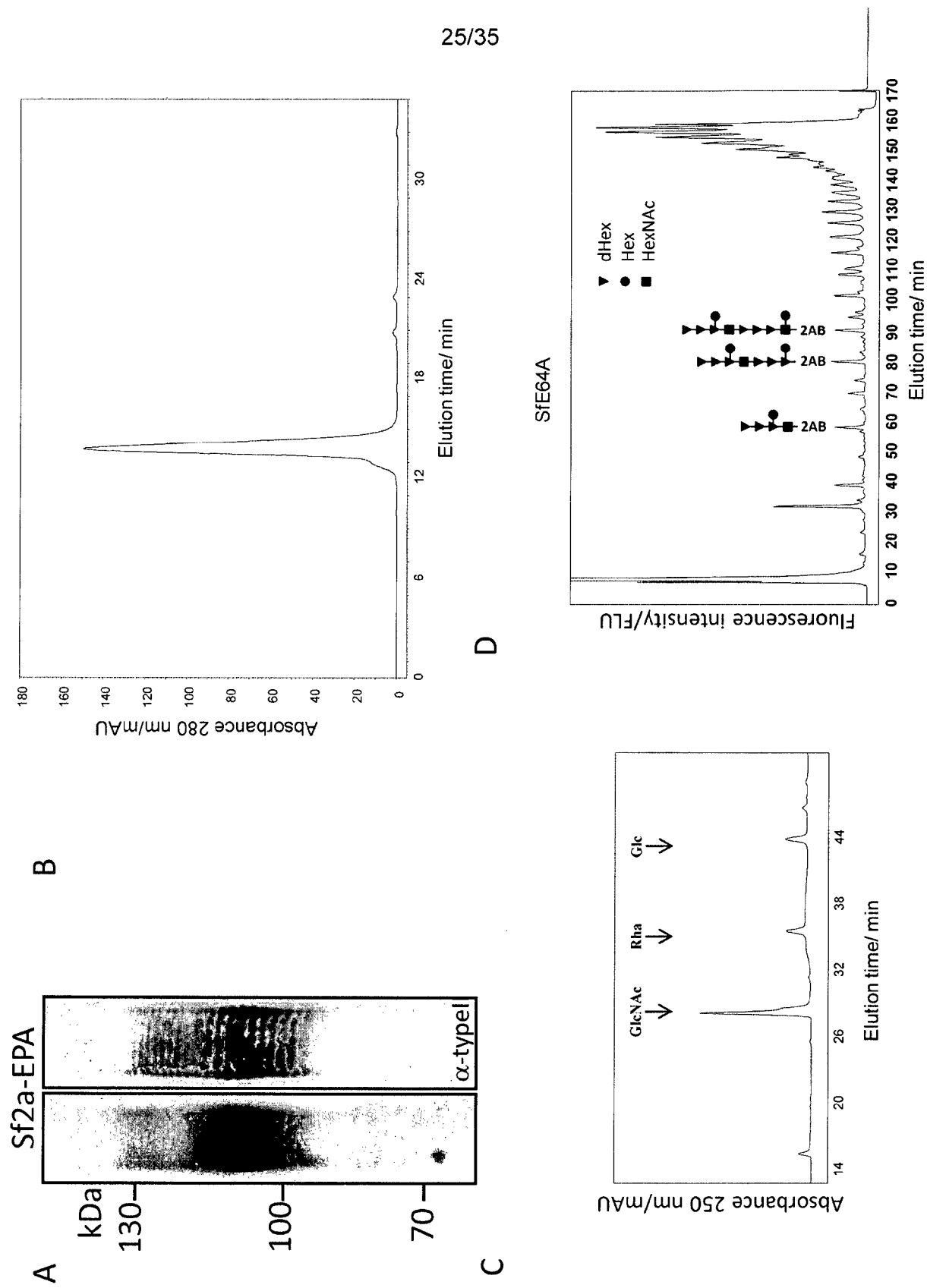


FIG. 22

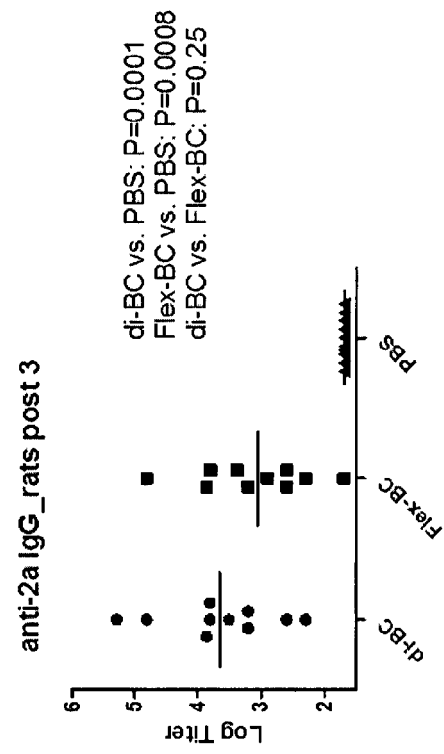


FIG. 23

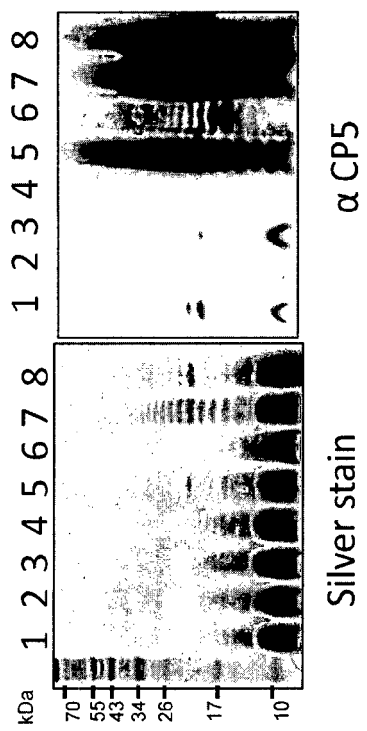


FIG. 24

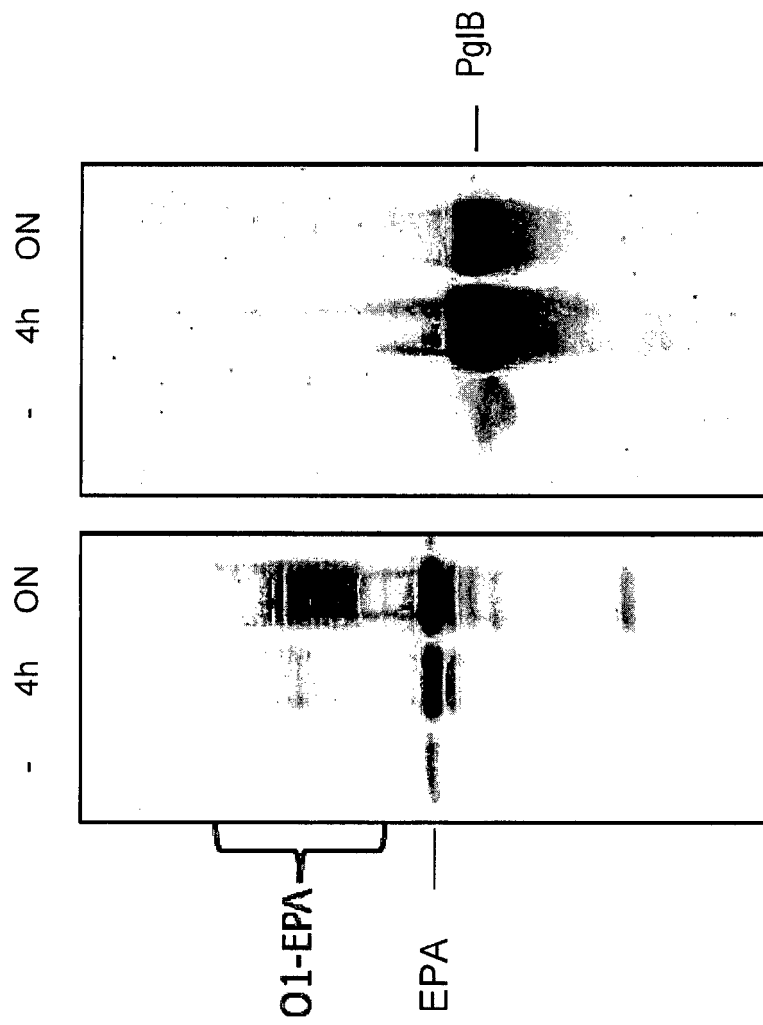


FIG. 25

O1-EPA Purification

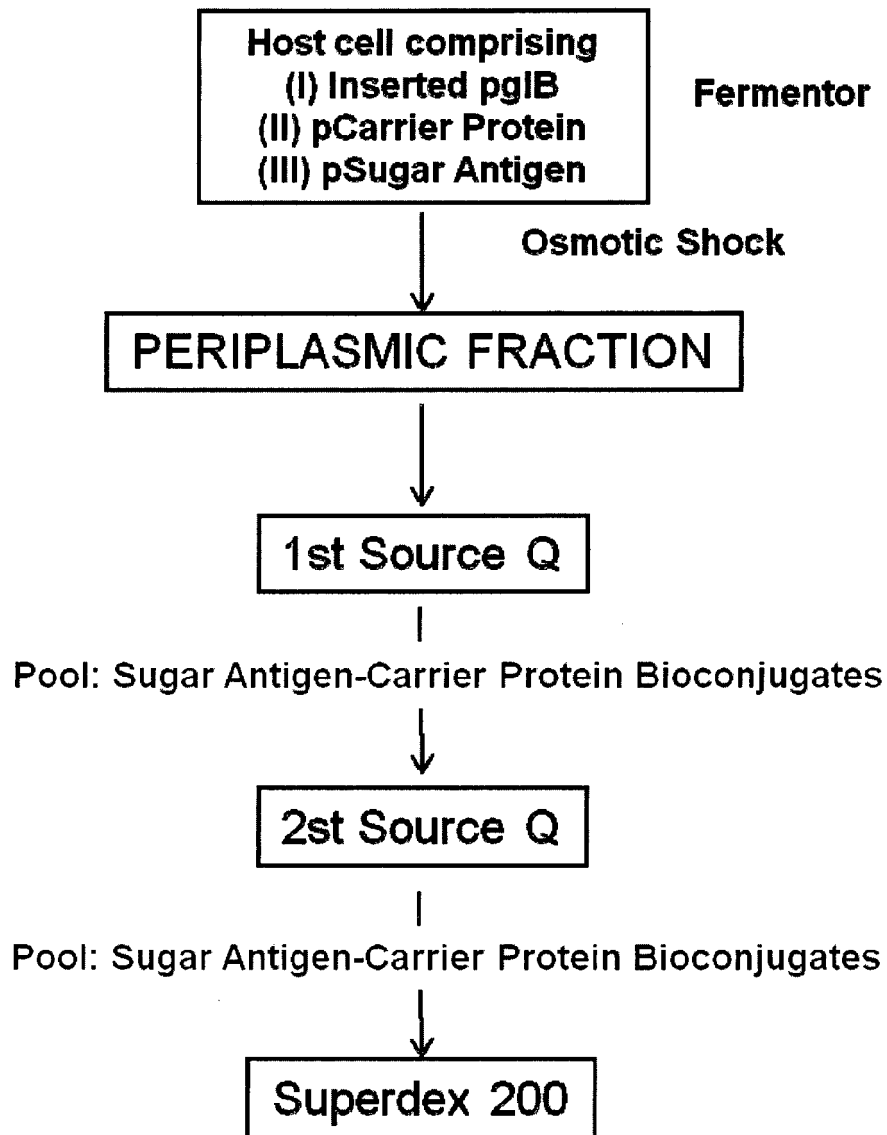


FIG. 26

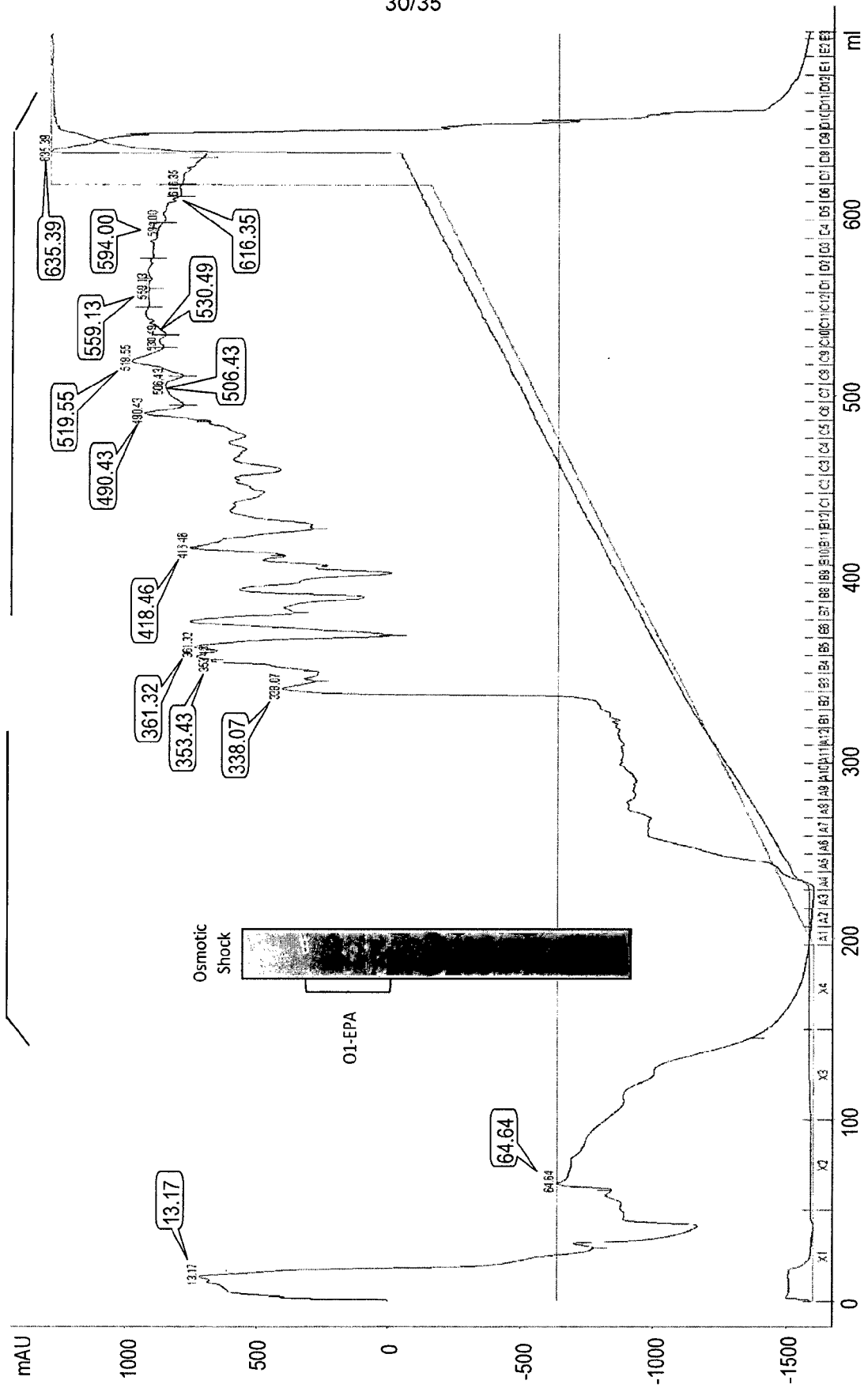
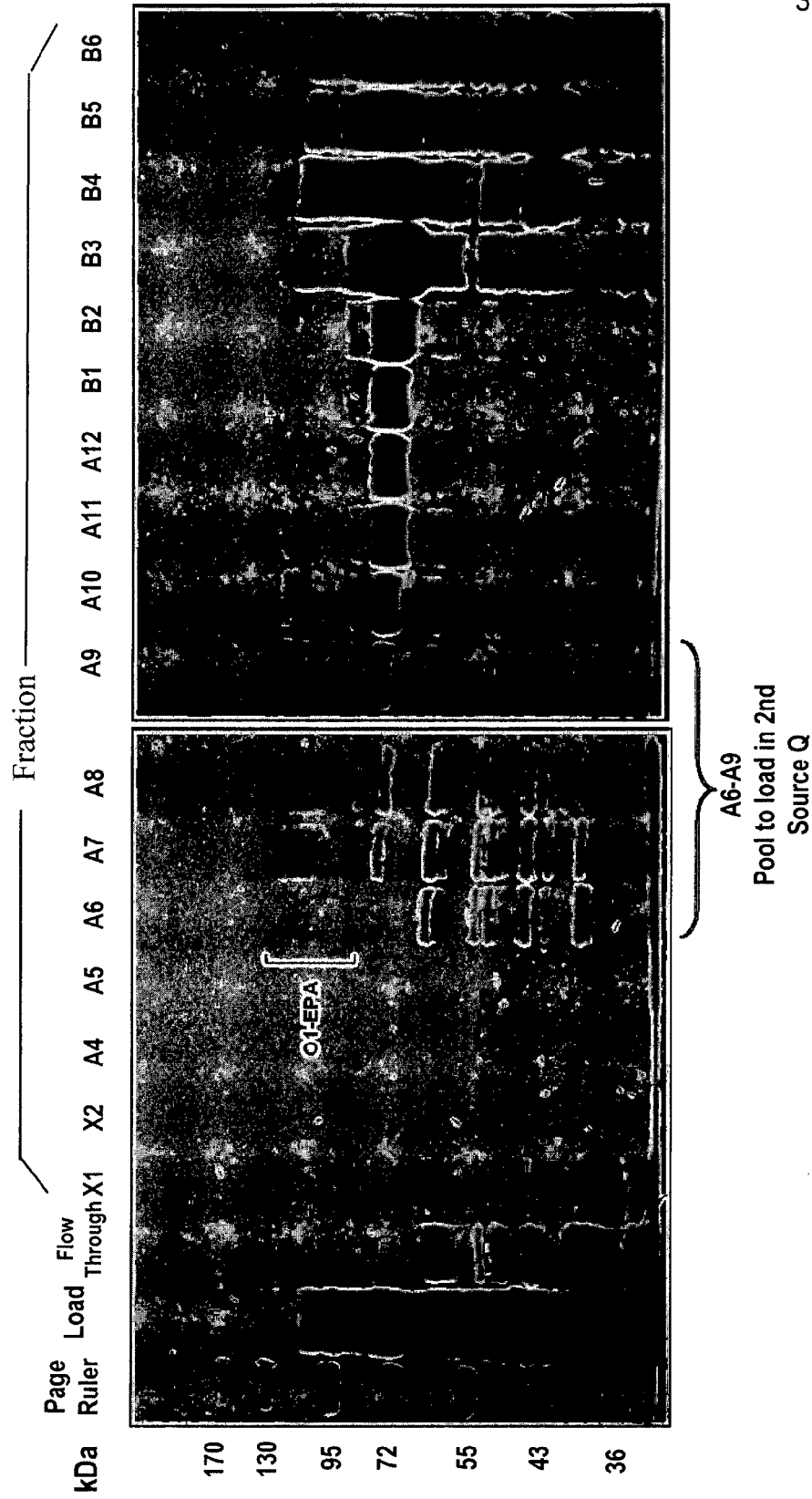


FIG. 27



31/35

FIG. 28

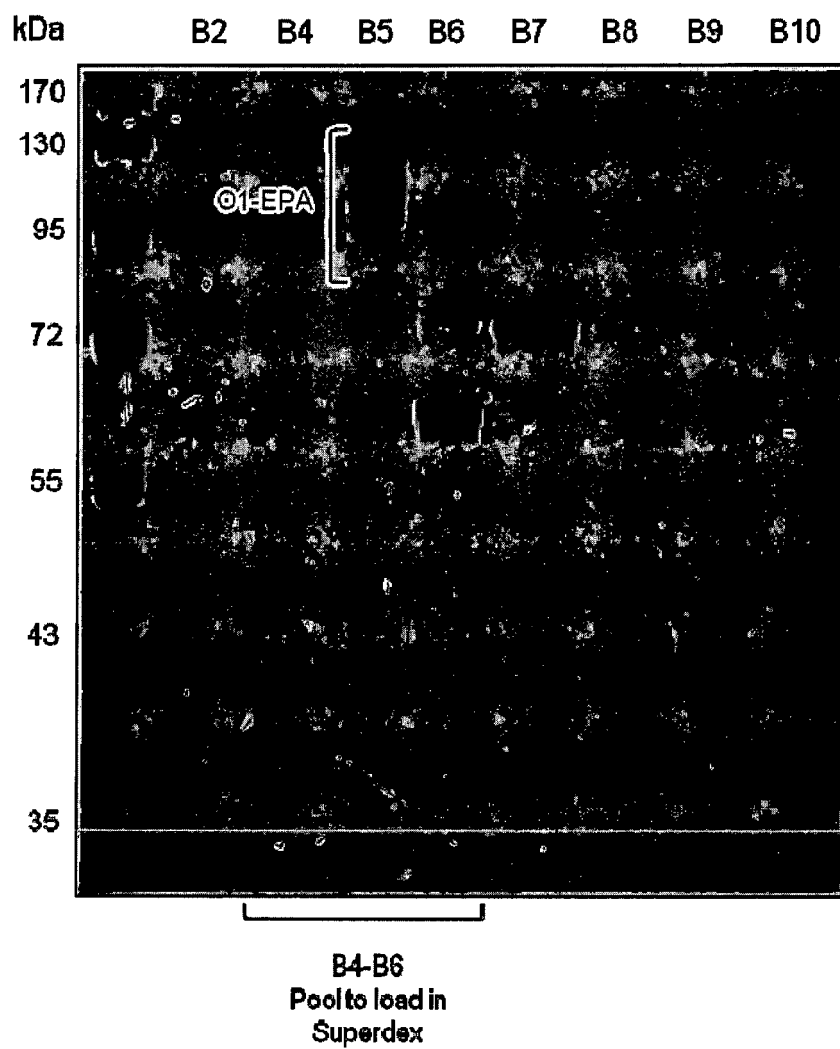
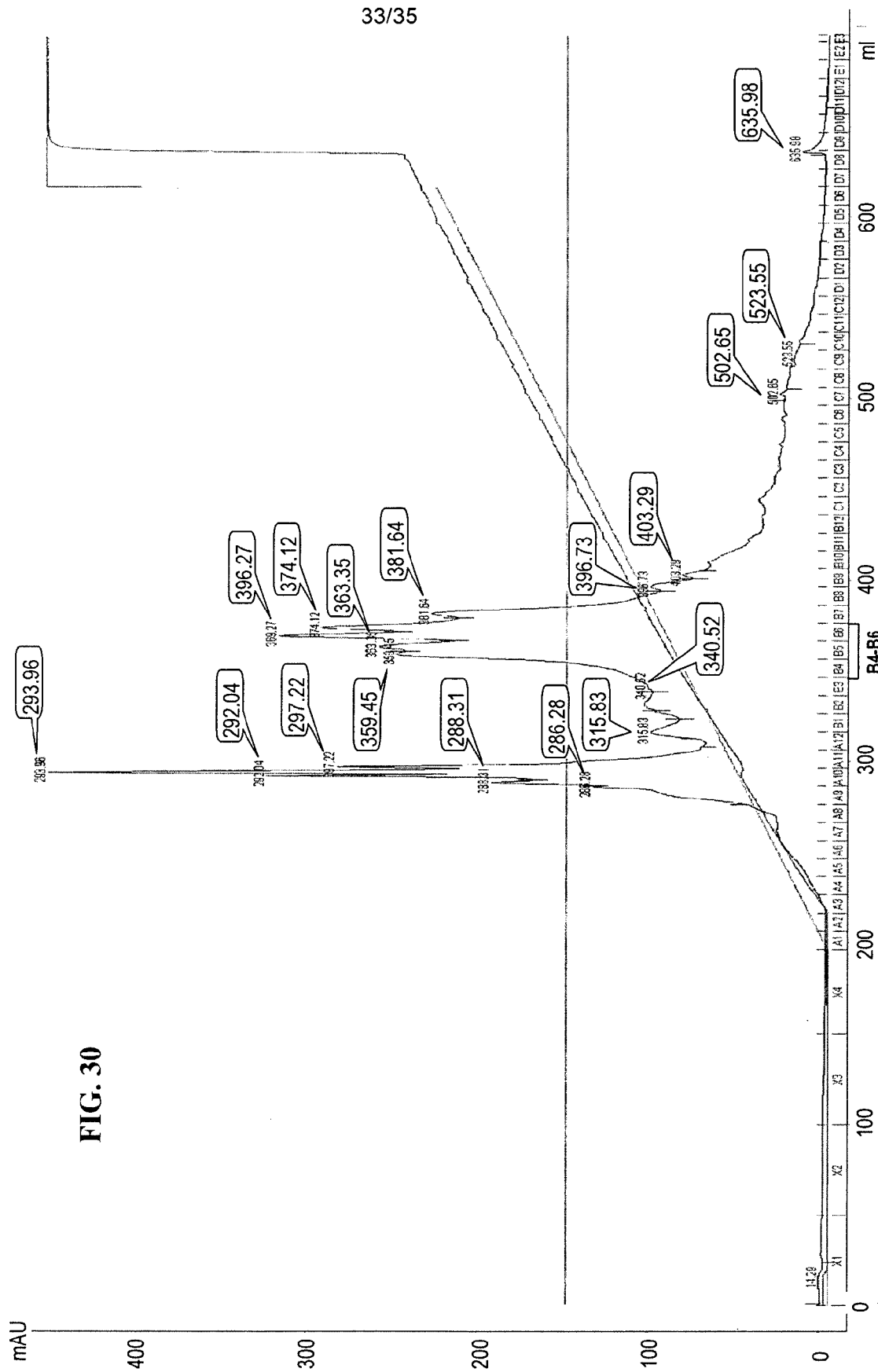


FIG. 29



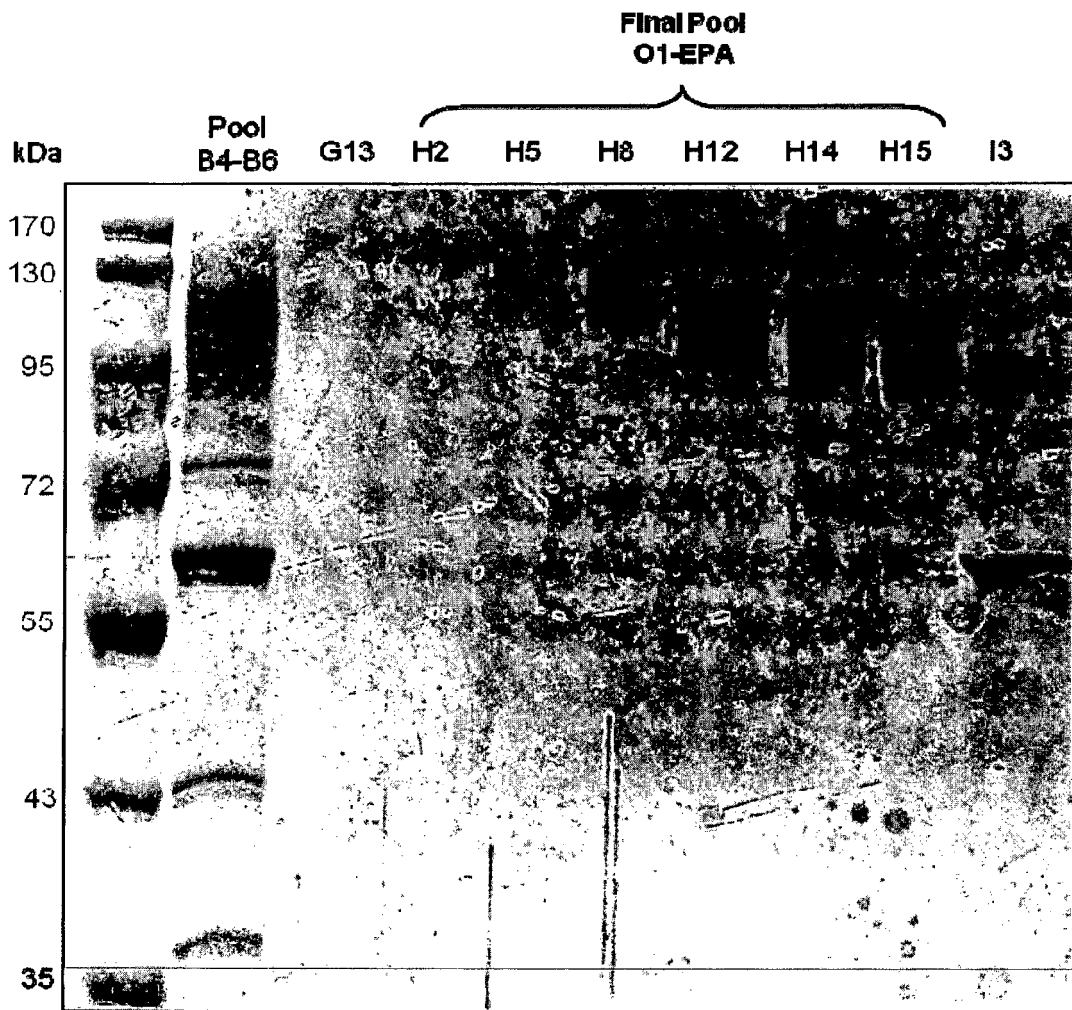


FIG. 31

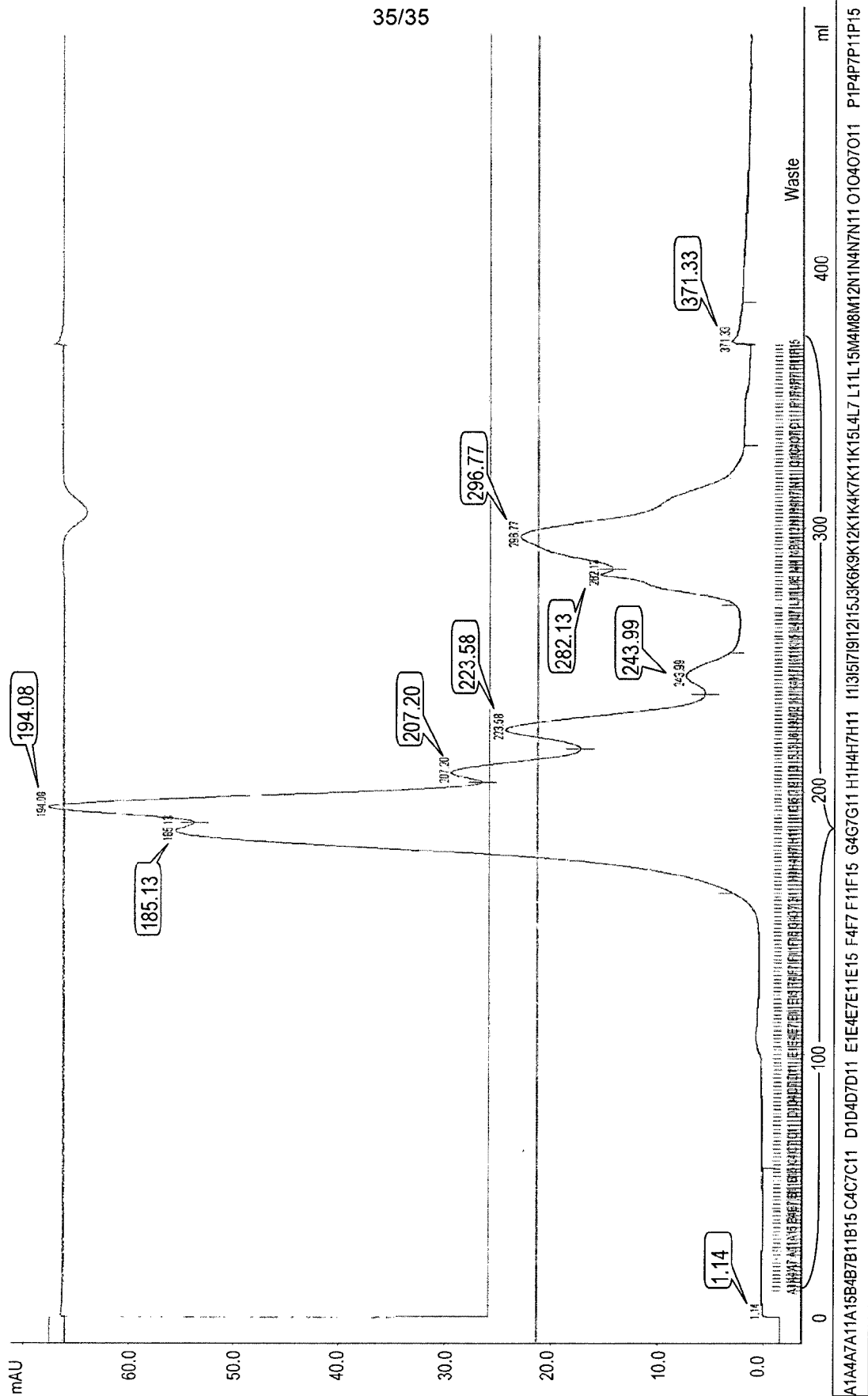


FIG. 32