

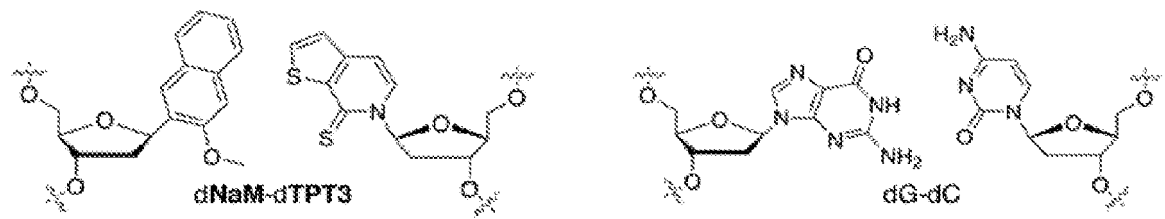
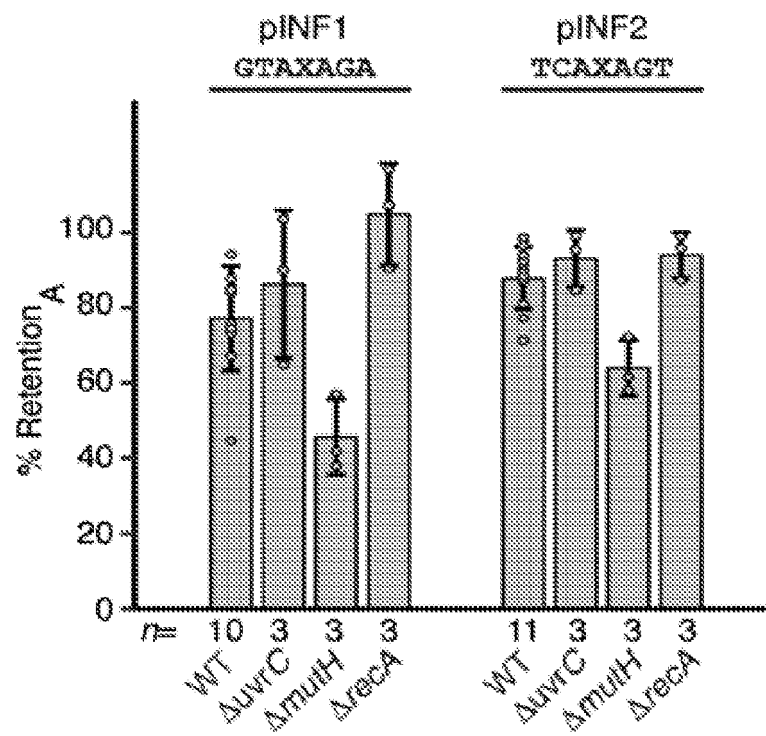
FIG. 1A**FIG. 1B**

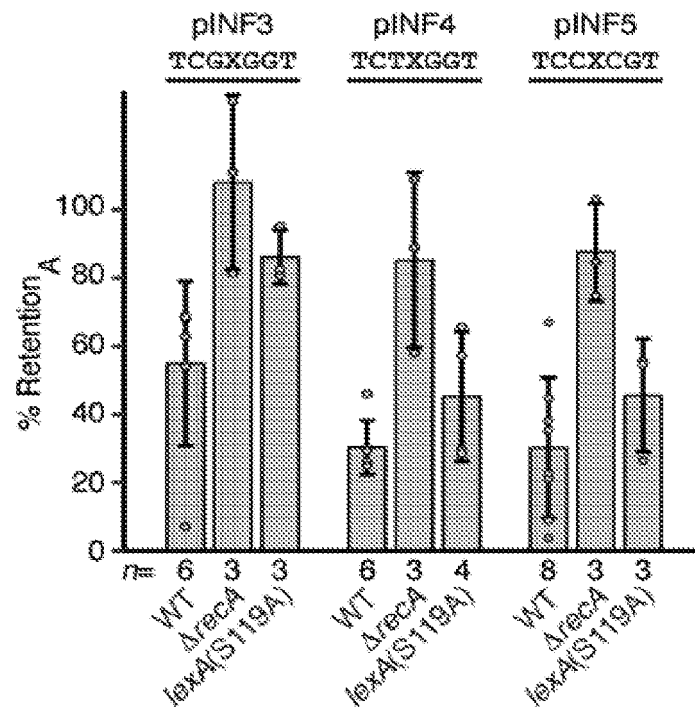
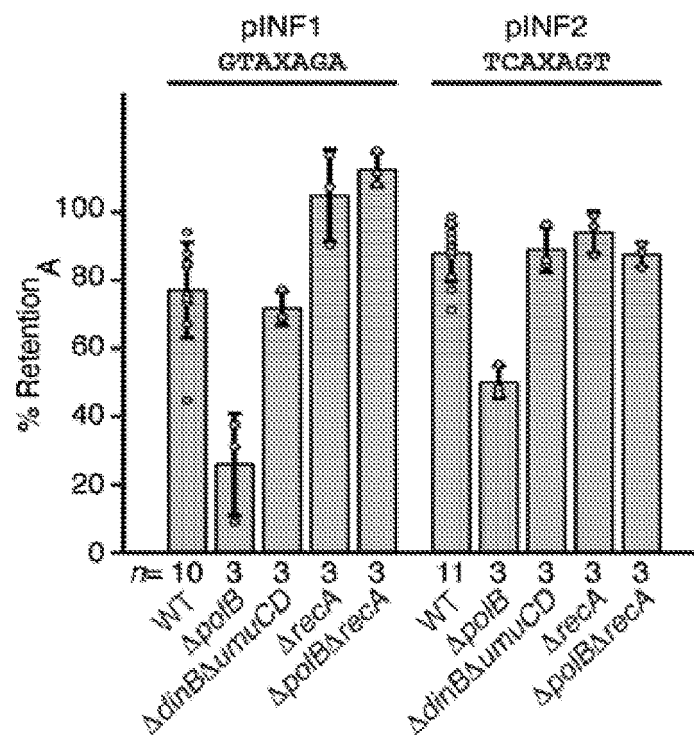
FIG. 1C**FIG. 1D**

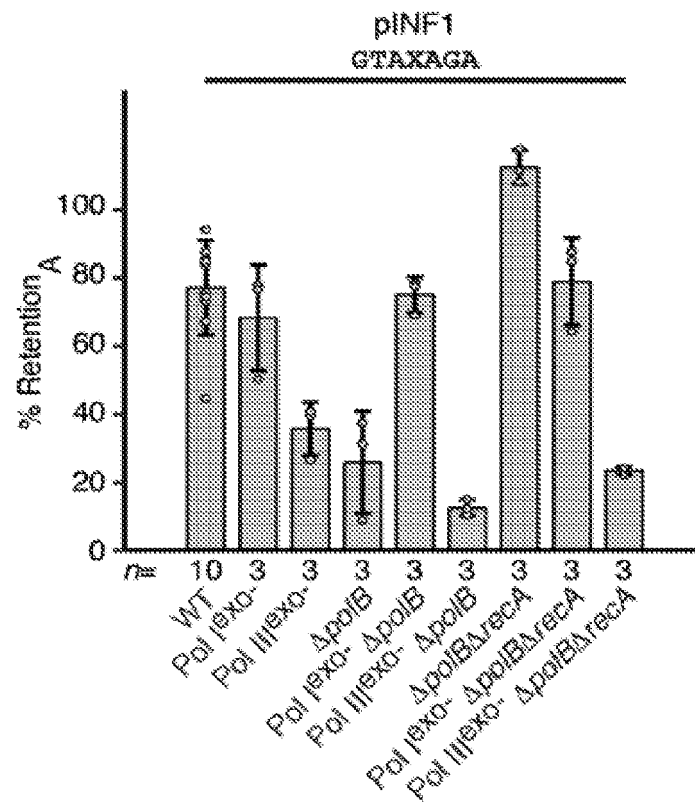
FIG. 1E

FIG. 2A

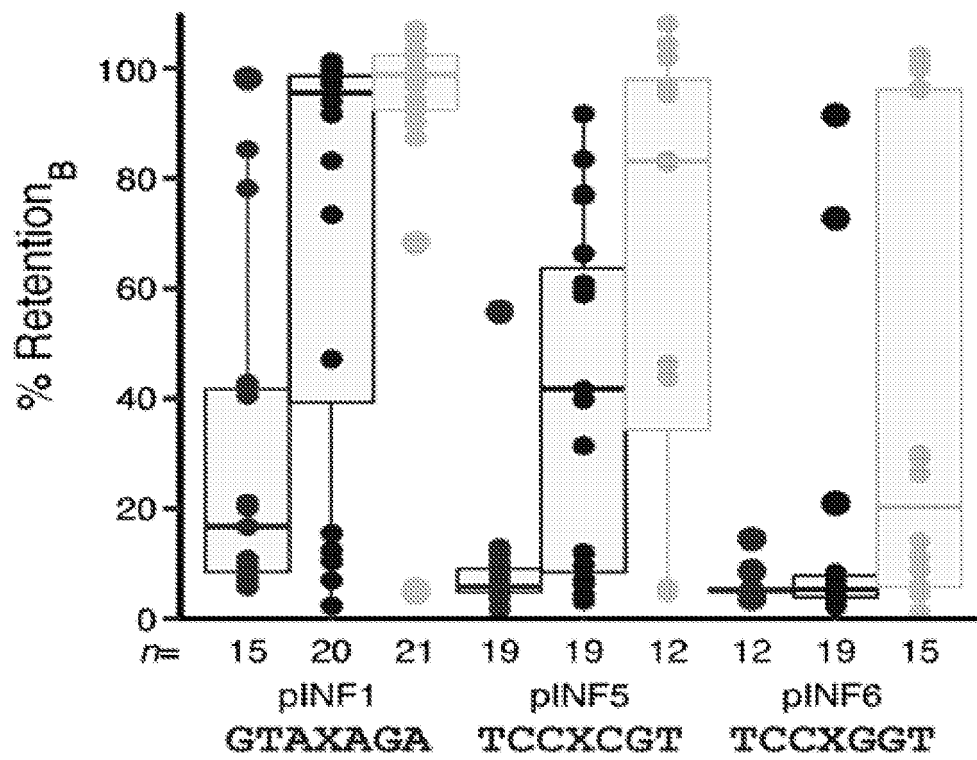


FIG. 2B

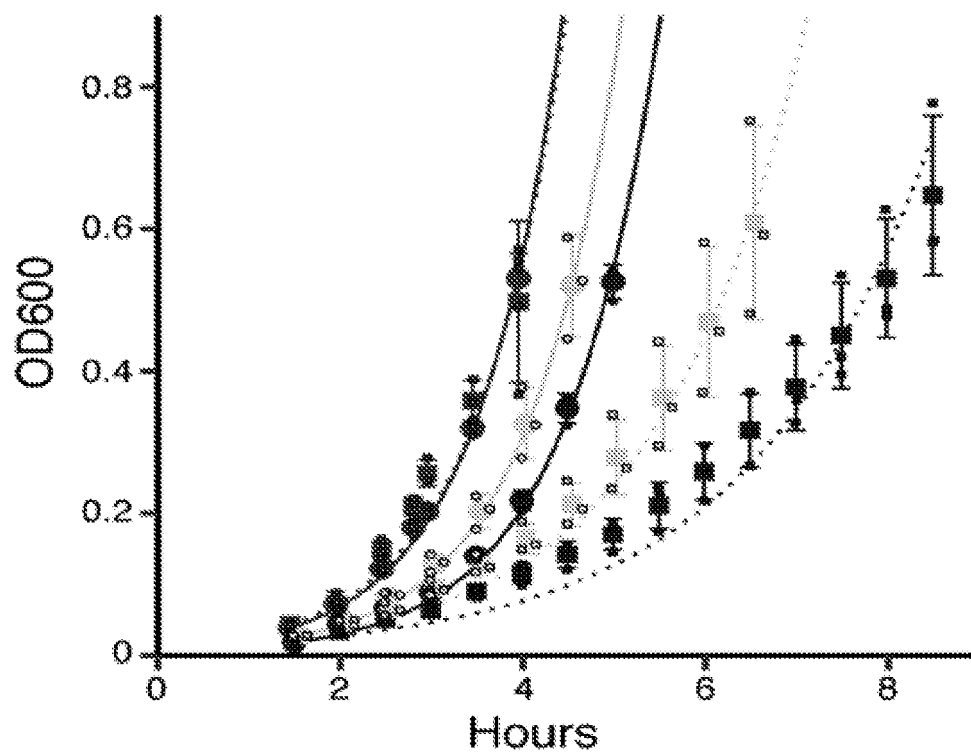


FIG. 2C

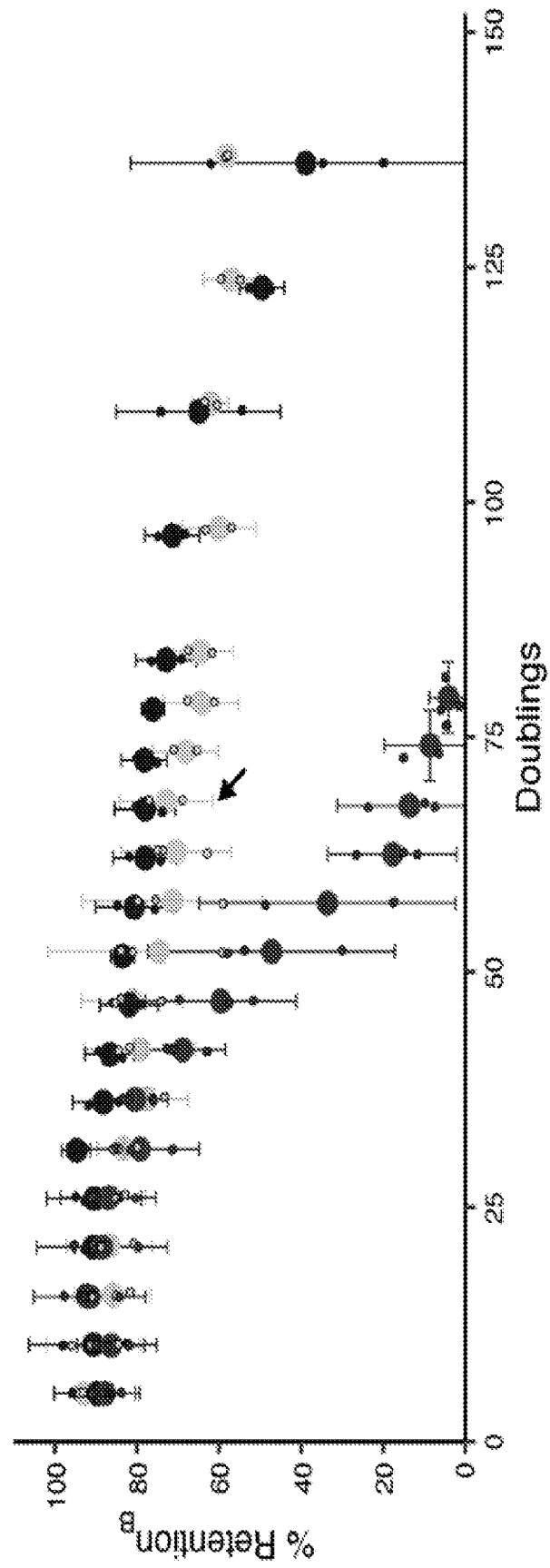


FIG. 3

PtNTT2 Activity Over Passage (Passages 5-10)

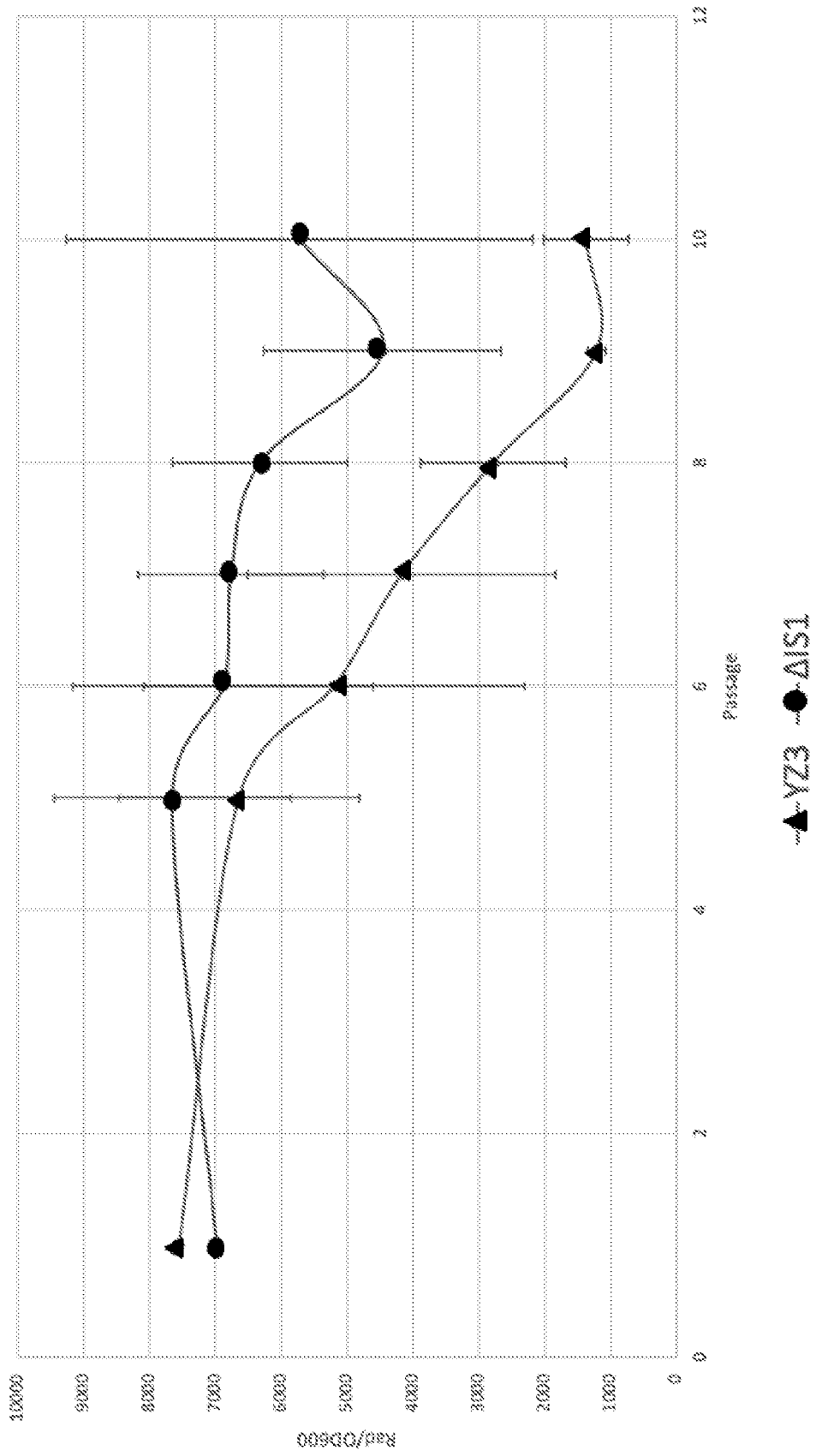


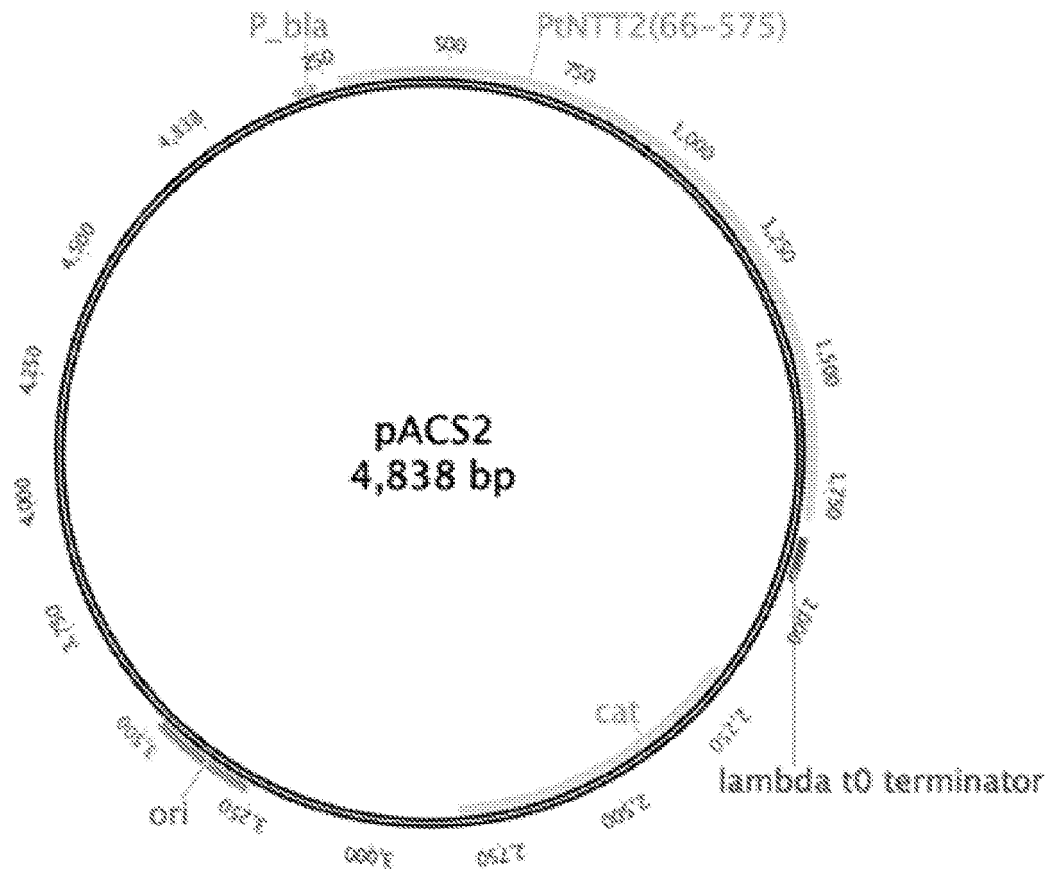
FIG. 4A

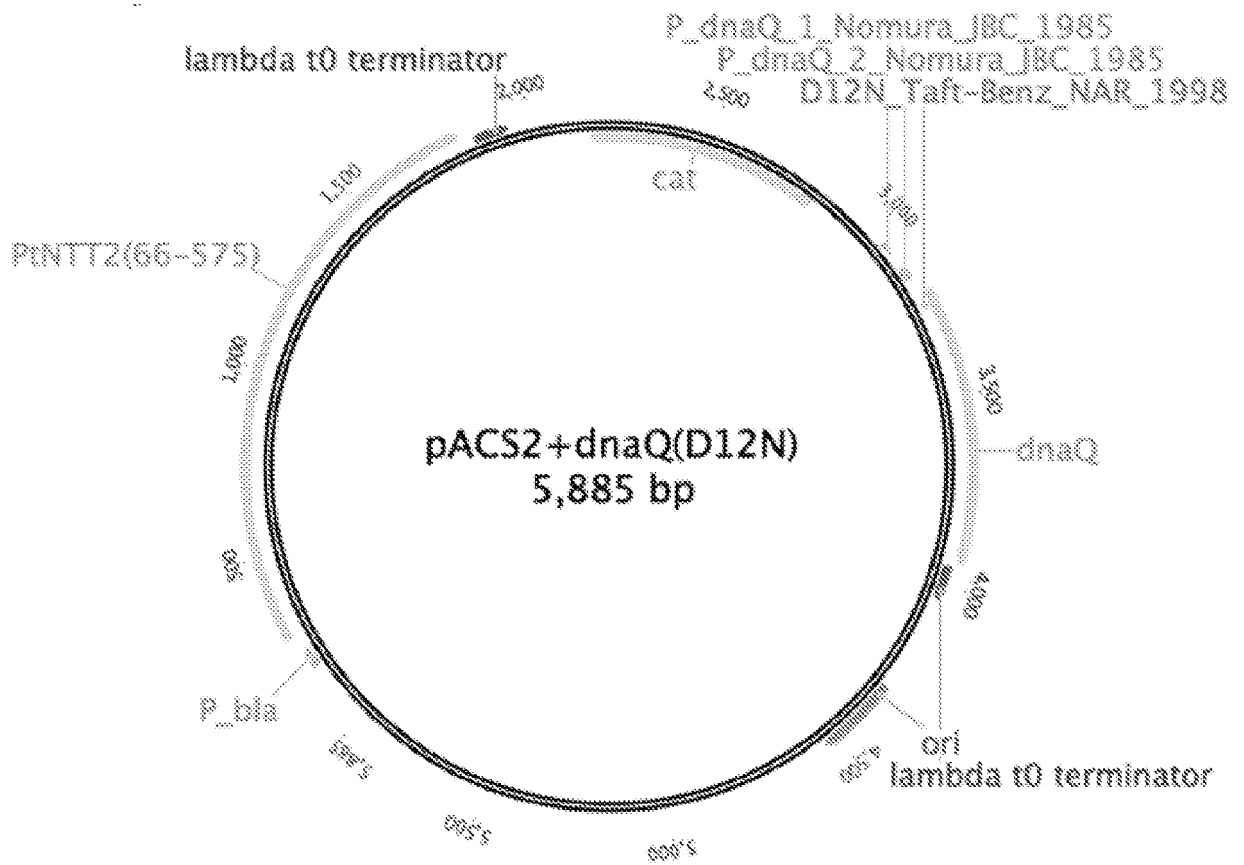
FIG. 4B

FIG. 4C

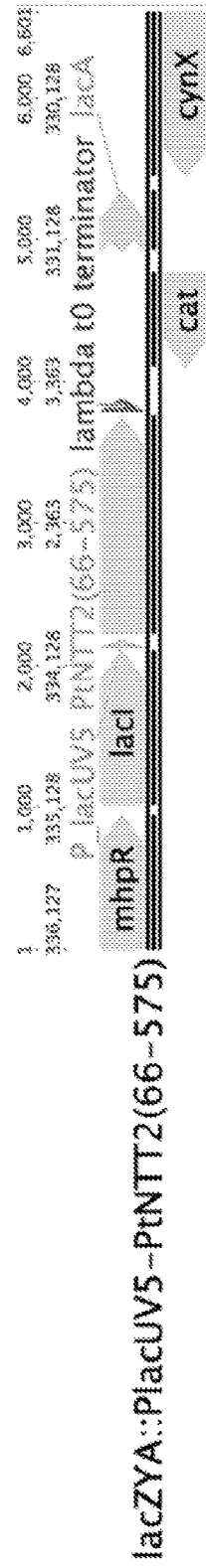


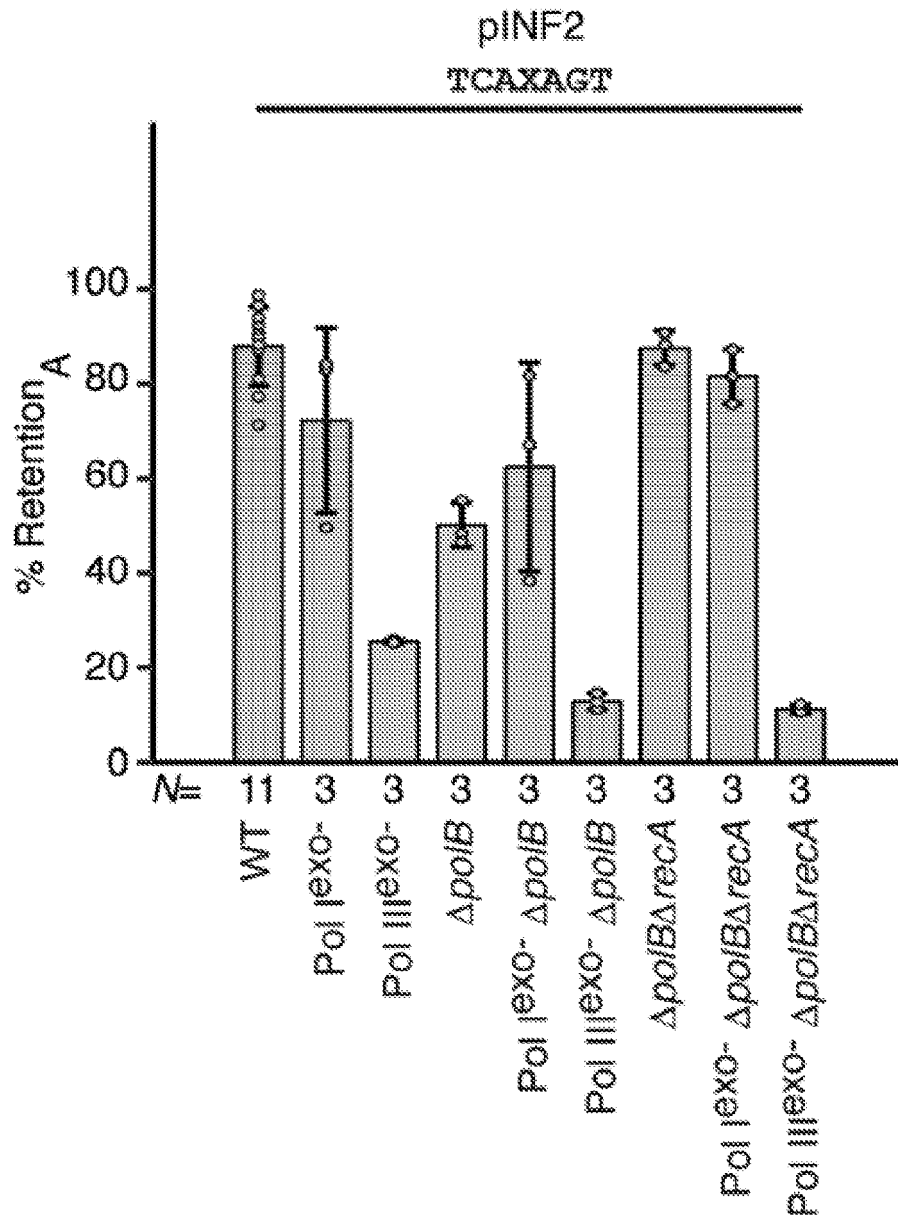
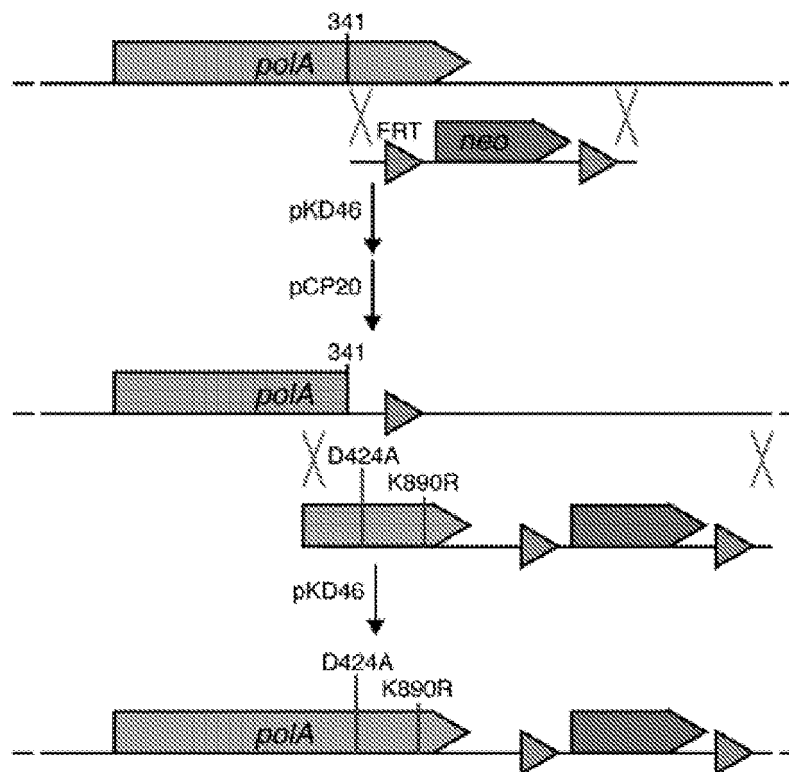
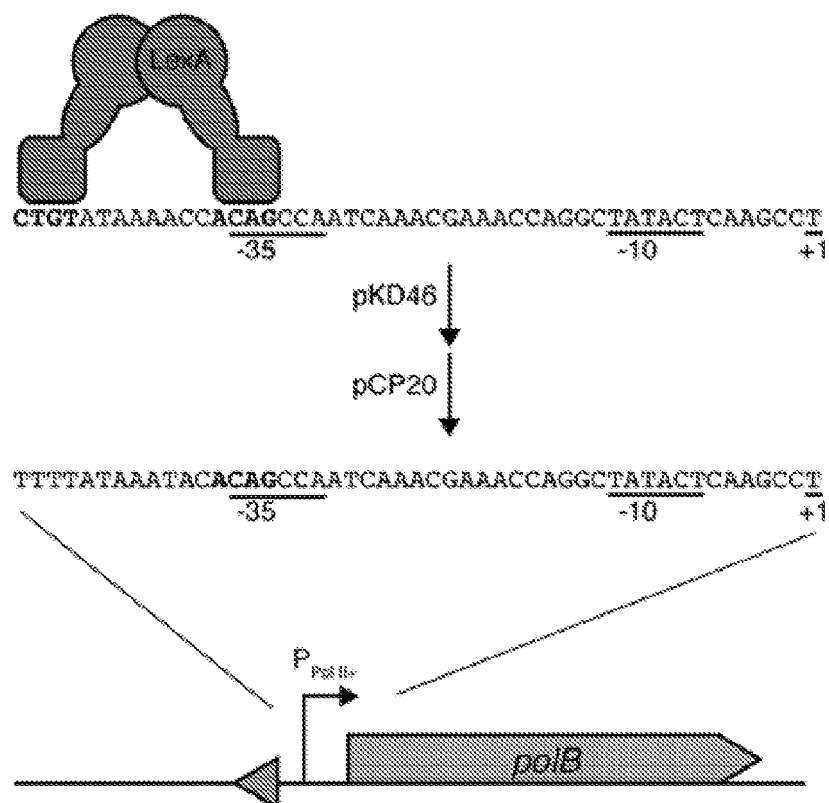
FIG. 5

FIG. 6A**FIG. 6B**

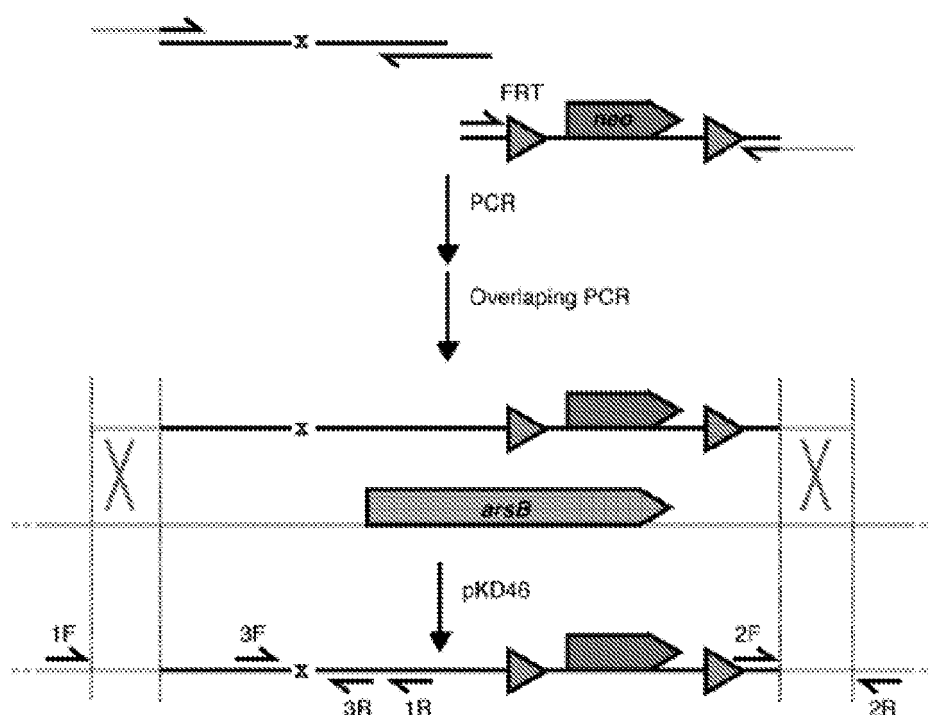


FIG. 7B

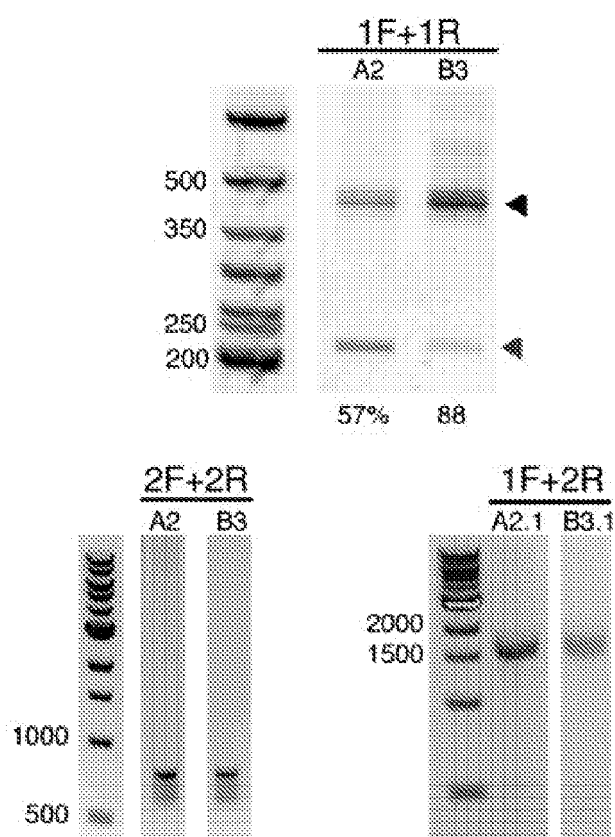


FIG. 7C

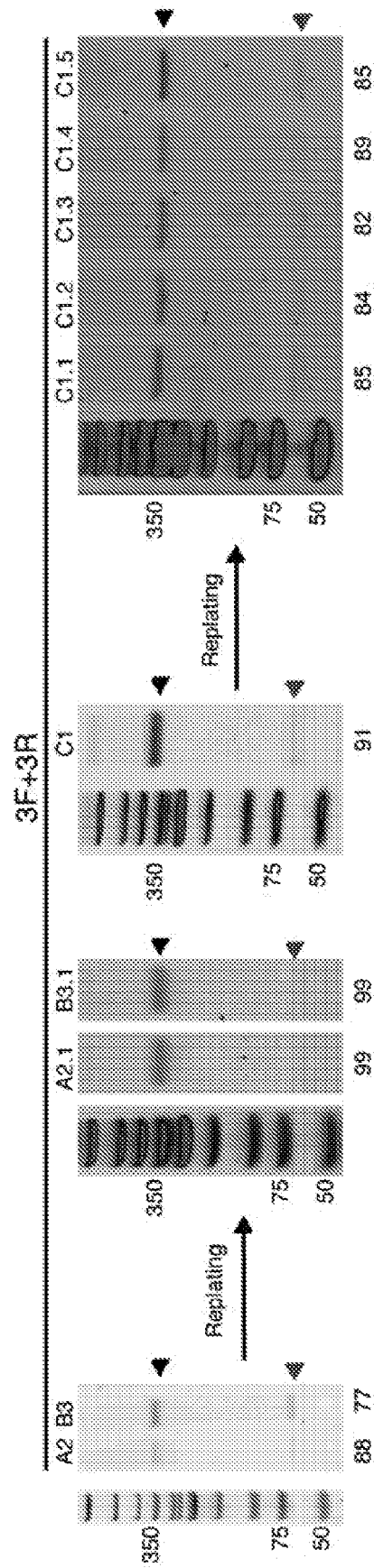
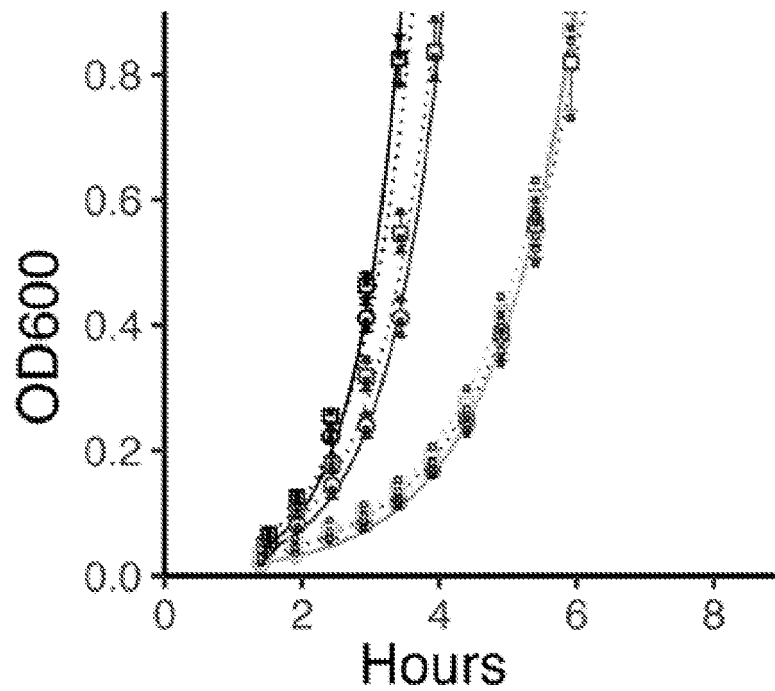


FIG. 8A**FIG. 8B**

Strain	Chromosomal UBP	dNaMTP- dTPT3TP	Doubling Time Mean (minutes)	S.D.
lacZYA::cat	-	+	27.802	0.243
		-	33.381	0.463
WT-Opt	-	+	34.474	2.570
		-	35.929	0.264
	+	+	39.443	0.795
		-	41.530	2.545
Δ recA-Opt	-	+	50.540	0.820
		-	58.608	4.314
	+	+	42.892	1.371
		-	83.312	6.996
Pol II+ Δ recA- Opt	-	+	51.556	1.907
		-	58.060	3.030
	+	+	42.061	1.255
		-	67.114	5.052

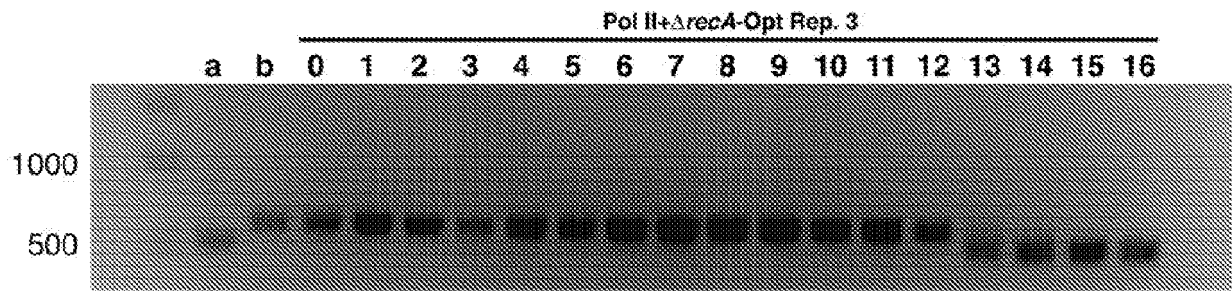
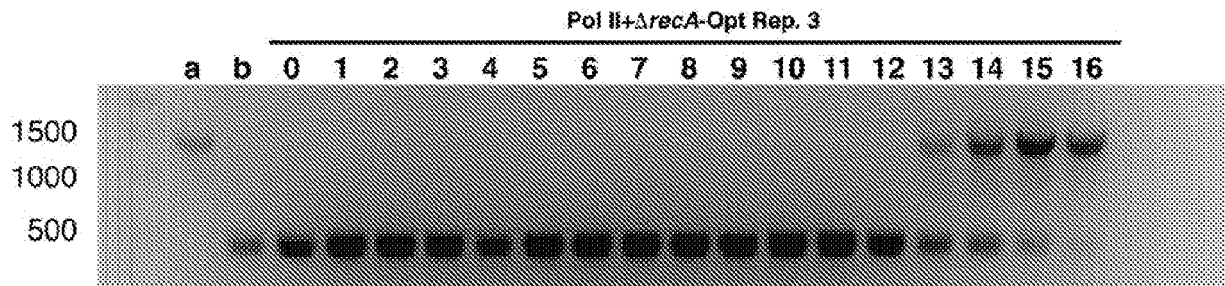
FIG. 9A**FIG. 9B**

FIG. 10A

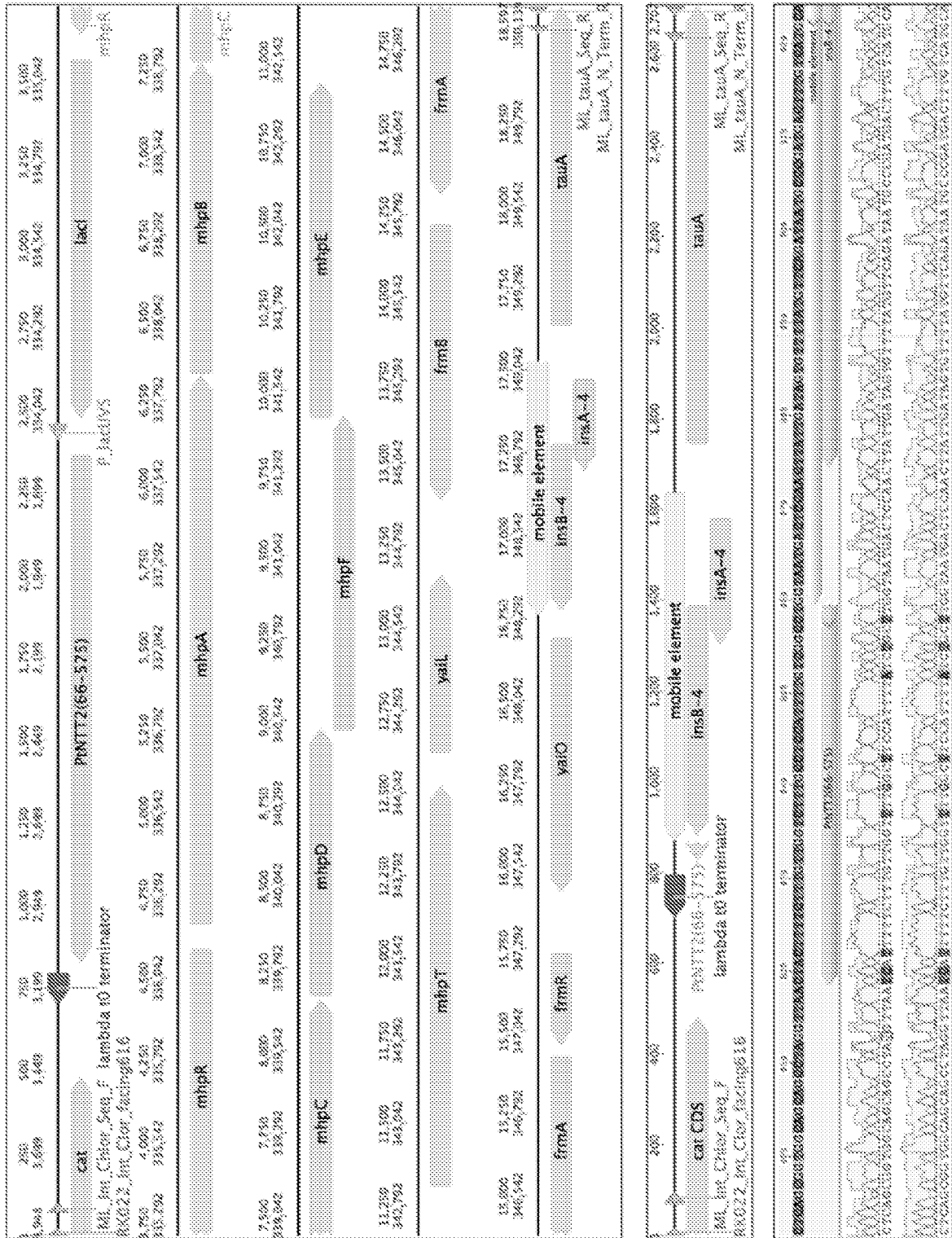


FIG. 10B