

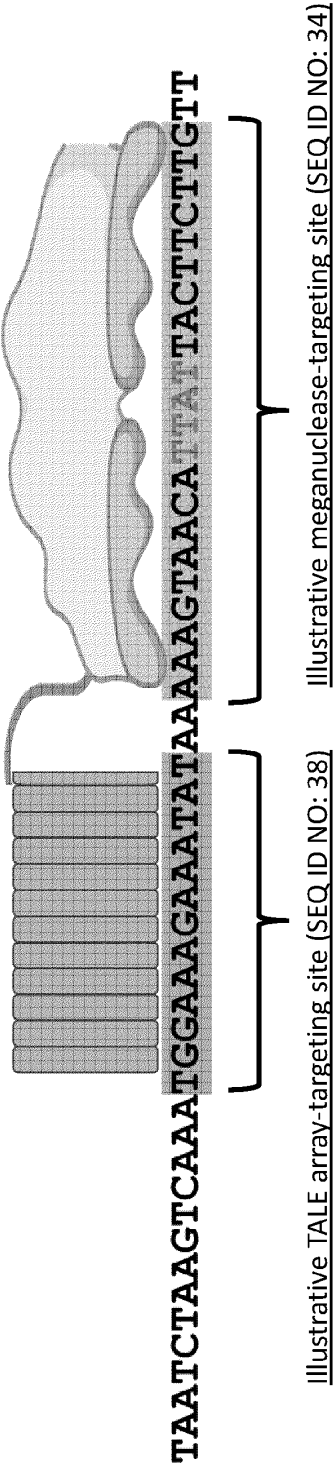


FIG. 1

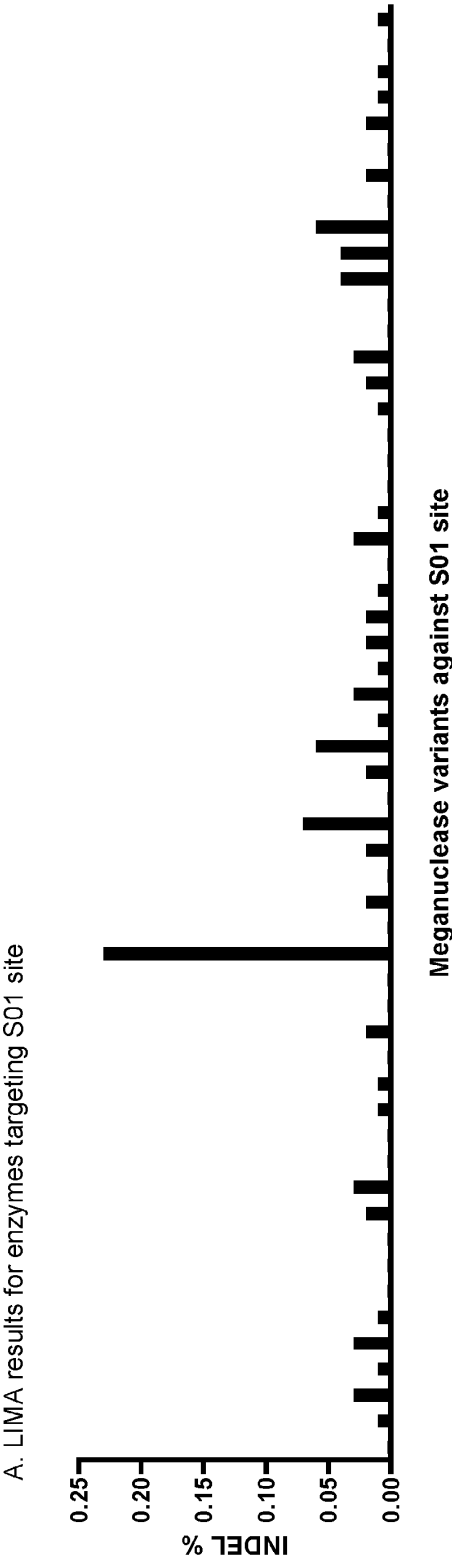


FIG. 2A

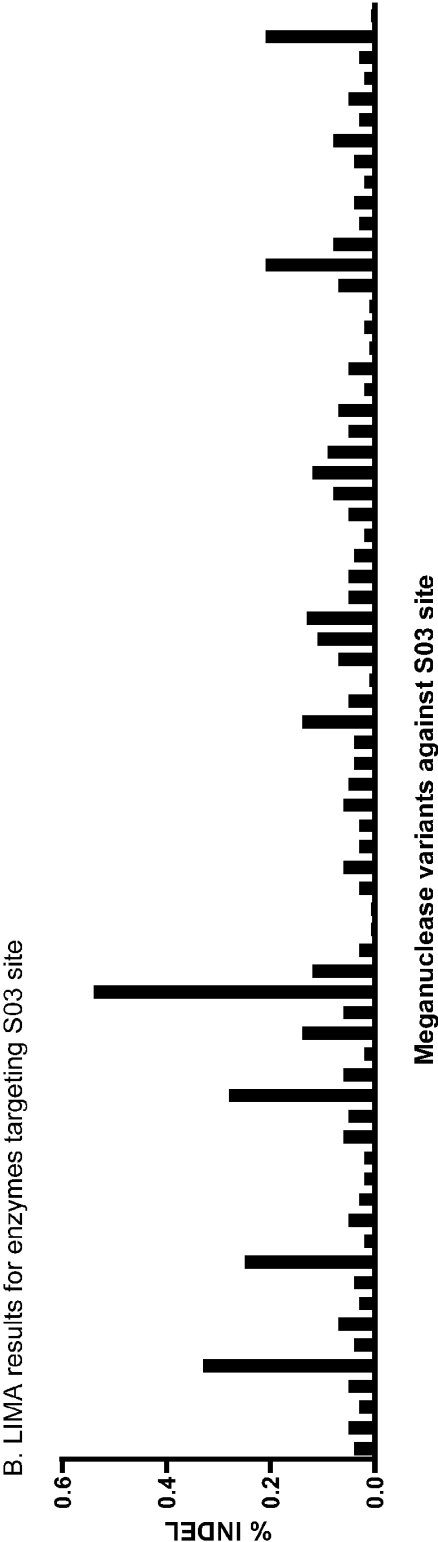


FIG. 2B

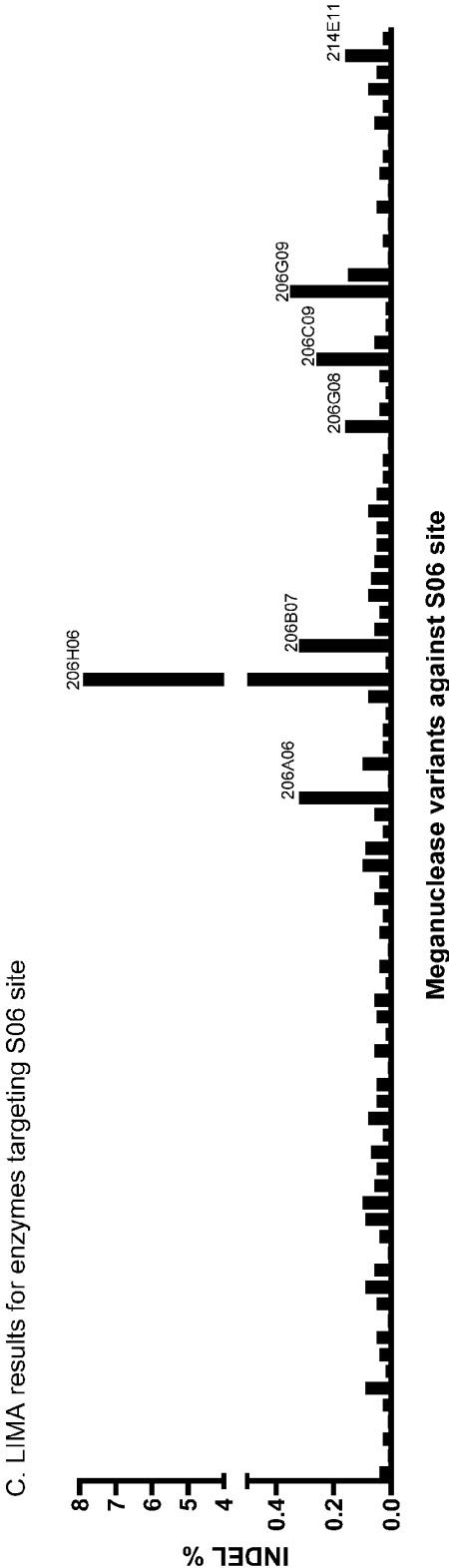


FIG. 2C

S06 TAL binding

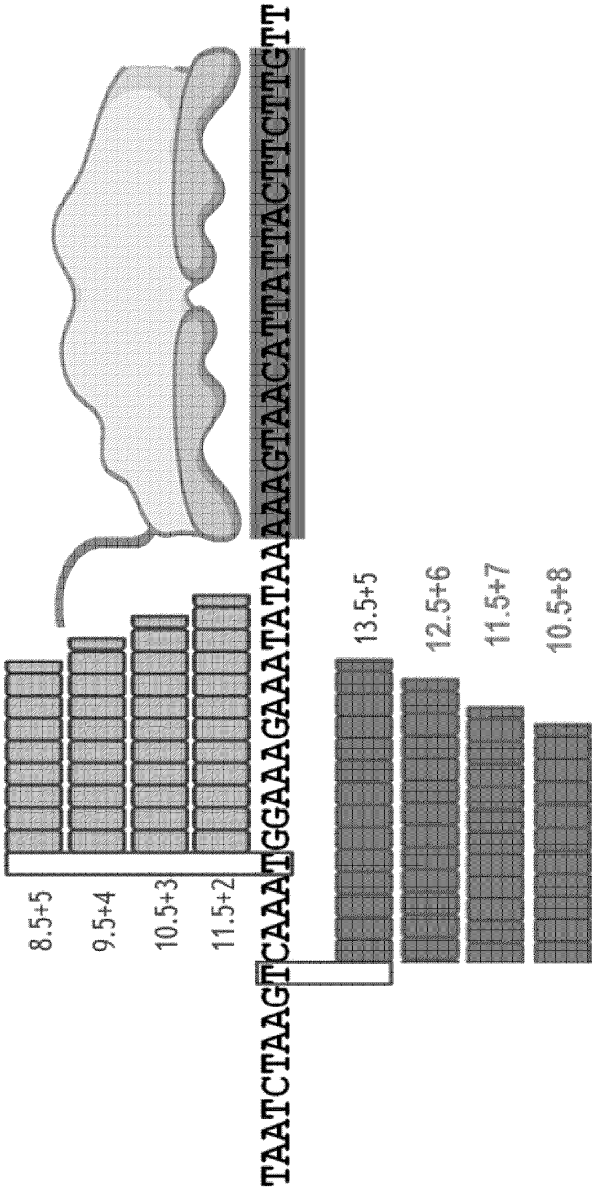
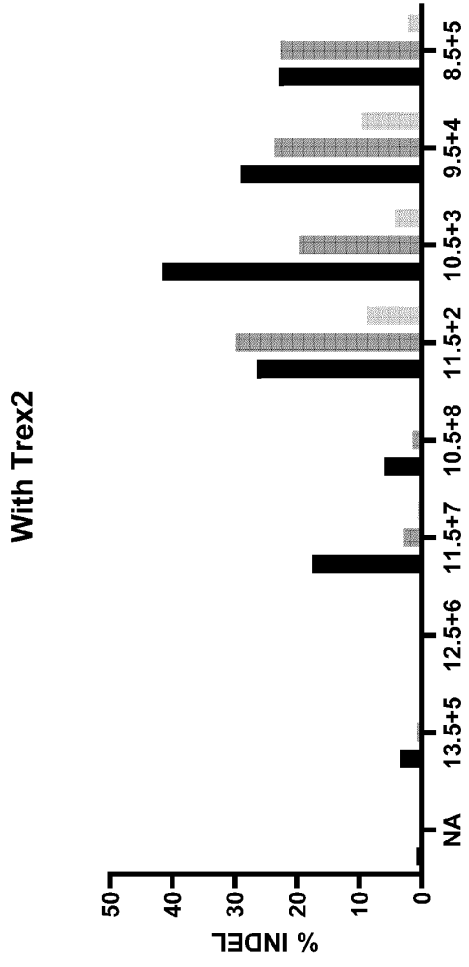
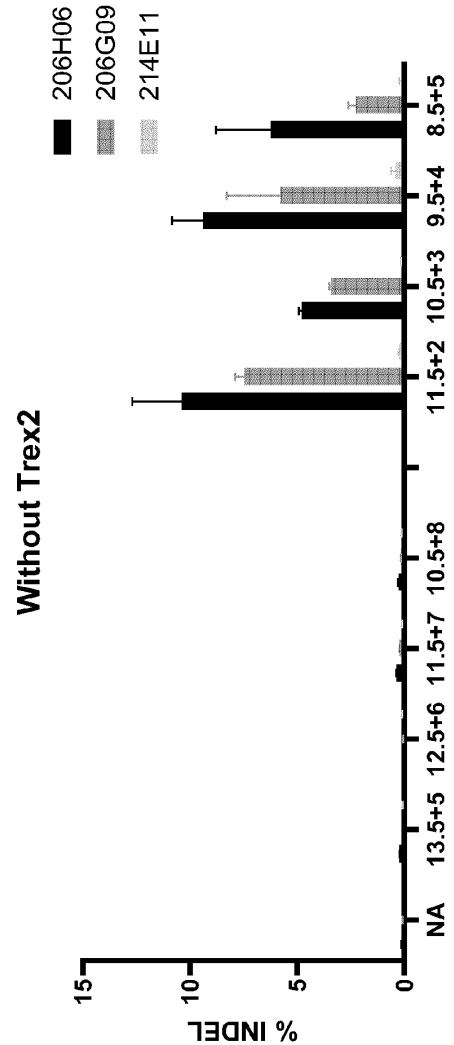


FIG. 3A



TALE array configuration

FIG. 3B

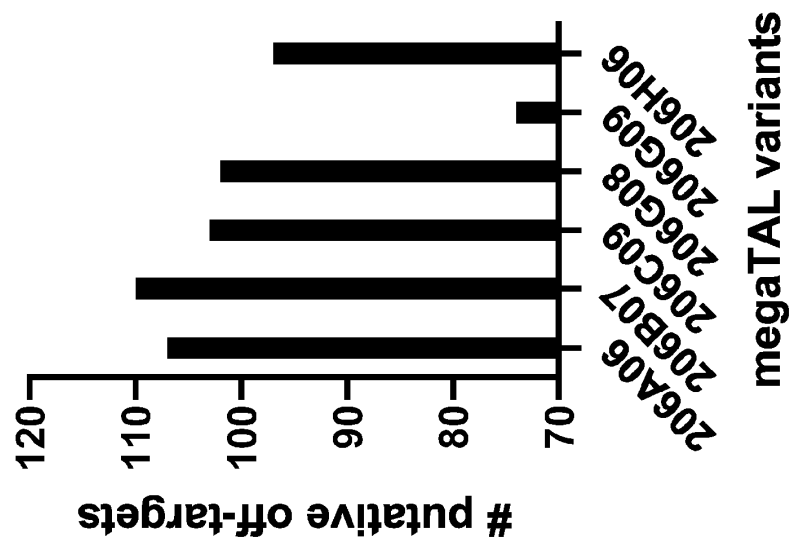


FIG. 4

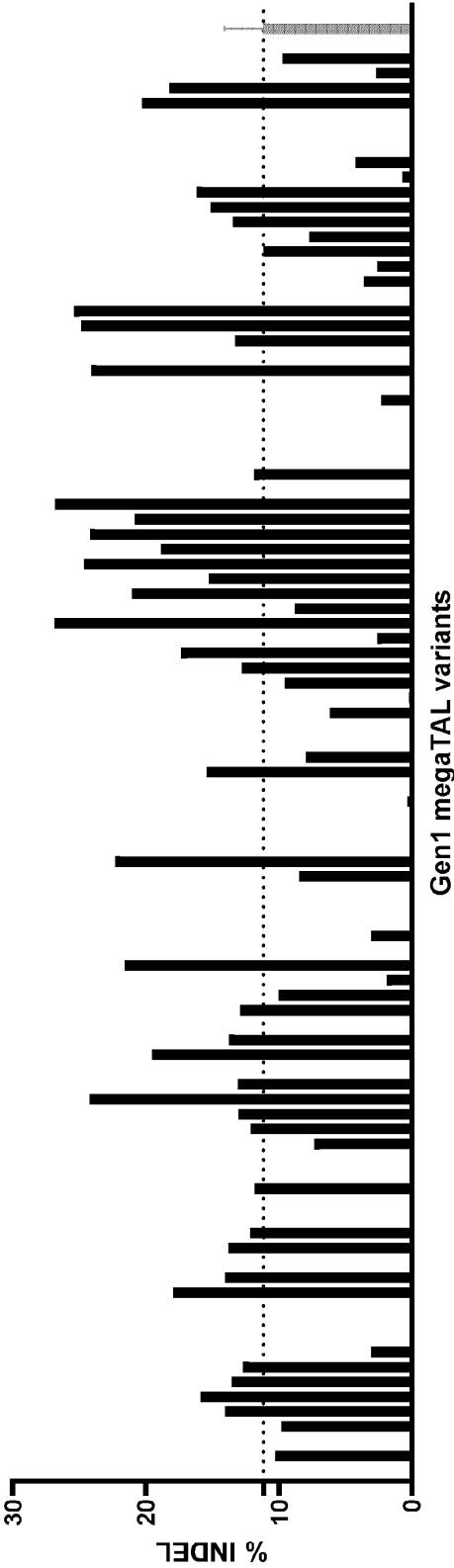
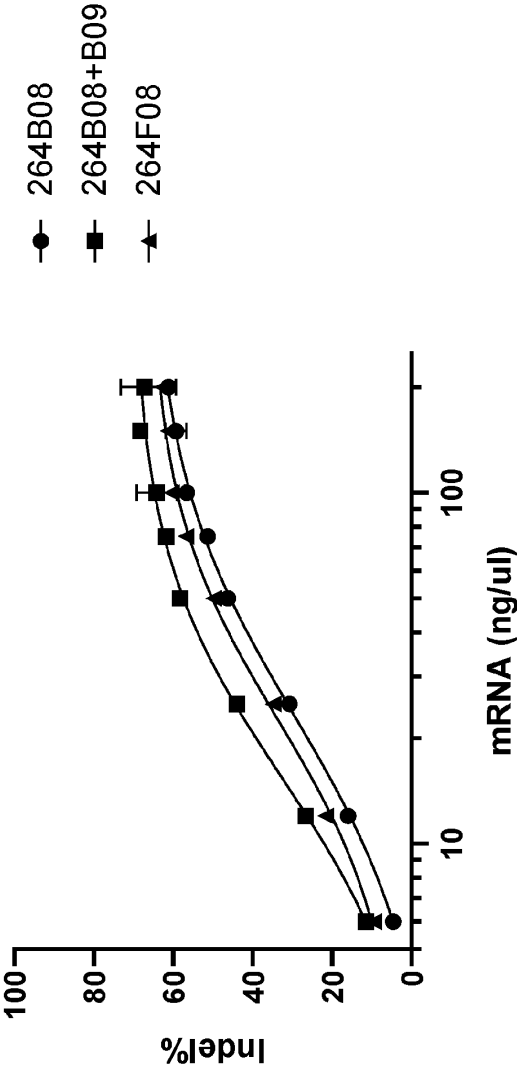
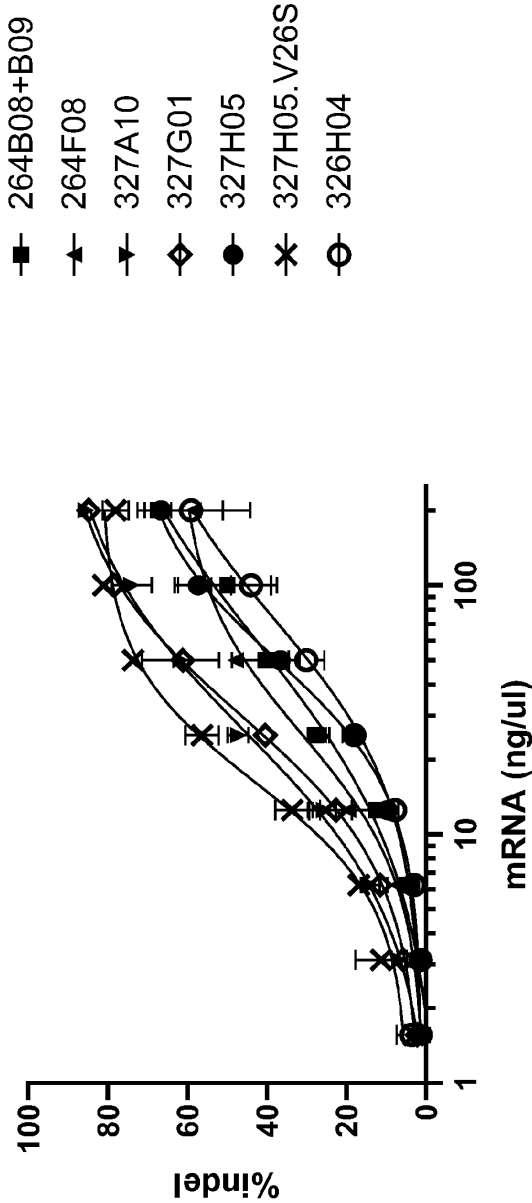


FIG. 5



Enzyme Clone	Generation	InDel50 (ng/uL)
264B08	Gen1	23.4
264B08+B09	Gen1	15.4
264F08	Gen1	22.7

FIG. 6



Enzyme Clone	Generation	InDel50 (ng/uL)
264B08+B09	Gen1	84.8
264F08	Gen1	65.4
327A10	Gen2	30.6
327G01	Gen2	33.7
327H05	Gen2	78.0
327H05.V26S	Gen2	19.9
326H04	Gen2	125.0

FIG. 7

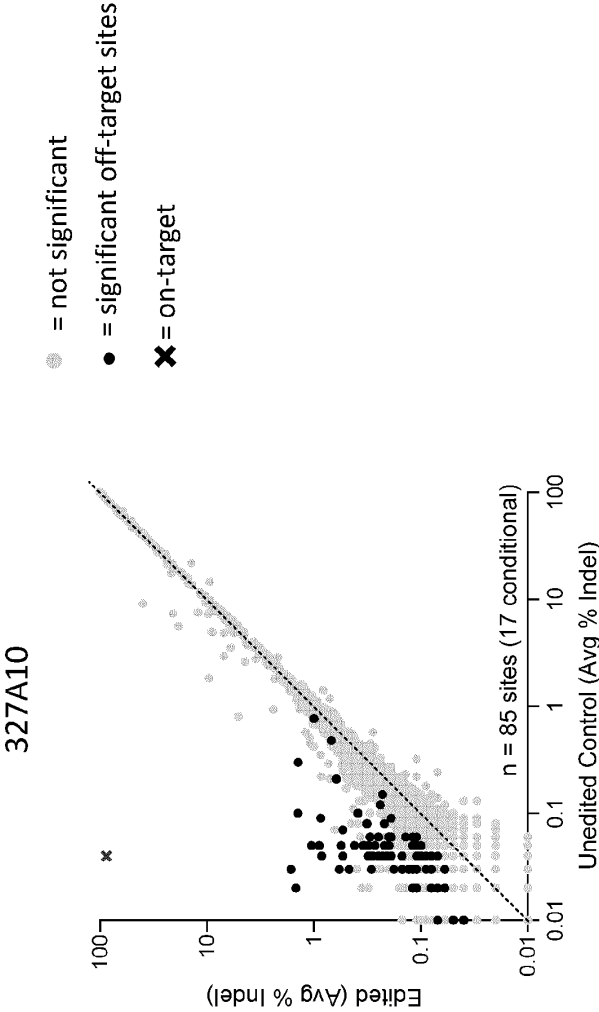
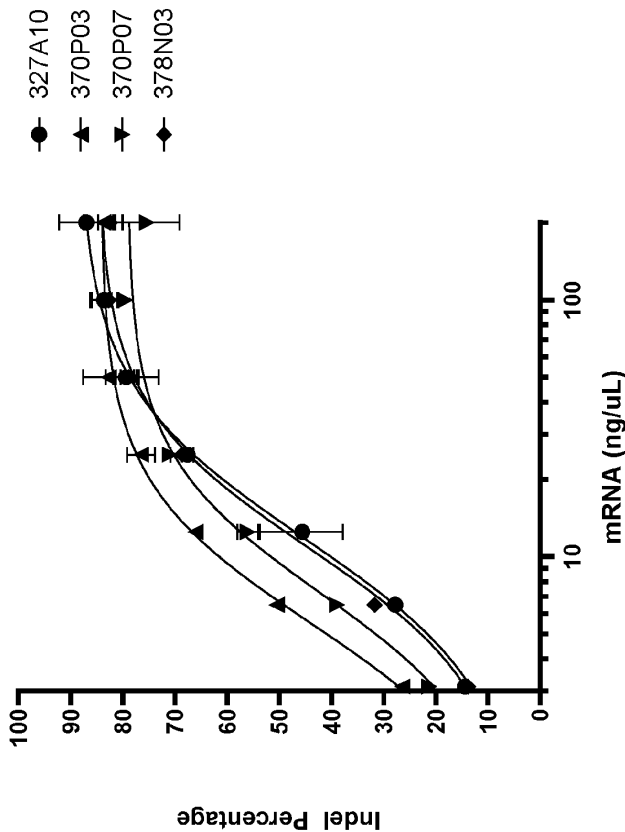


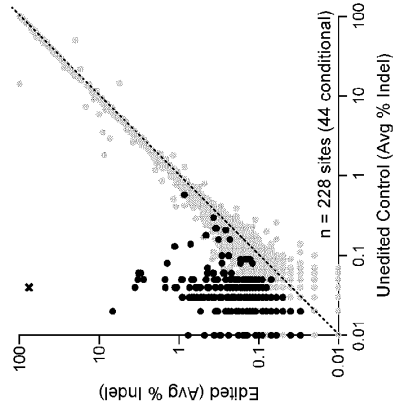
FIG. 8



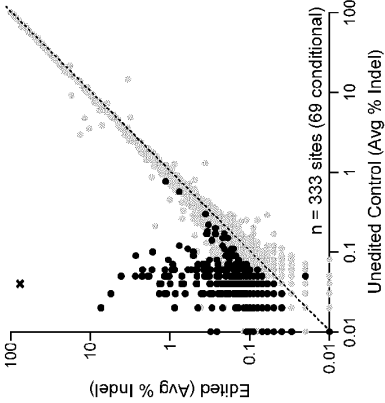
Enzyme Clone	Generation	InDel50 (ng/uL)
327A10	Gen2	13.8
370P03	Gen3	6.7
370P07	Gen3	9.5
378N03	Gen3	13.0

FIG. 9

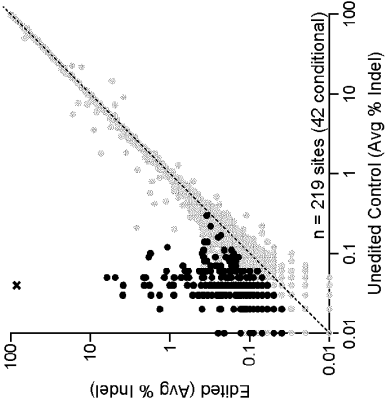
378N03



370P07



370P03



- = not significant
- = significant off-target sites
- ✕ = on-target

FIG. 10

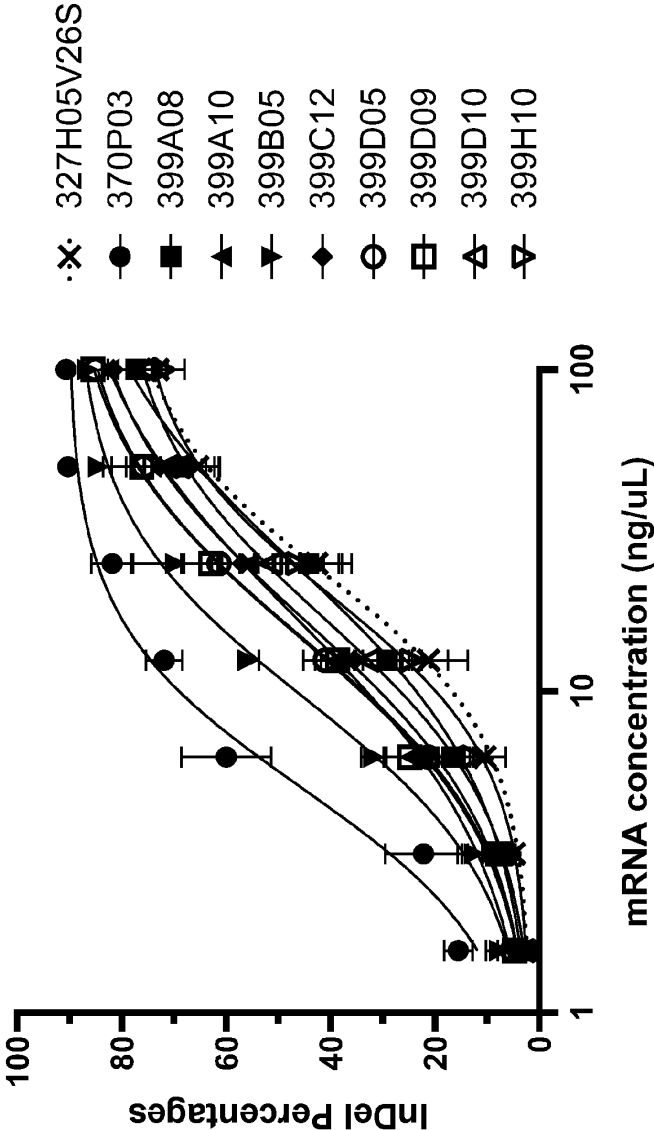


FIG. 11A

Enzyme Clone	Generation	InDel50 (ng/uL)	SS0
327H05V26S	Gen2	30.36	
370P03	Gen3	5.637	
399A08	Gen4	27.79	
399A10	Gen4	19.23	
399B05	Gen4	11.07	
399C12	Gen4	19.77	
399D05	Gen4	16.97	
399D09	Gen4	16.81	
399D10	Gen4	22.89	
399H10	Gen4	27.18	

FIG. 11B

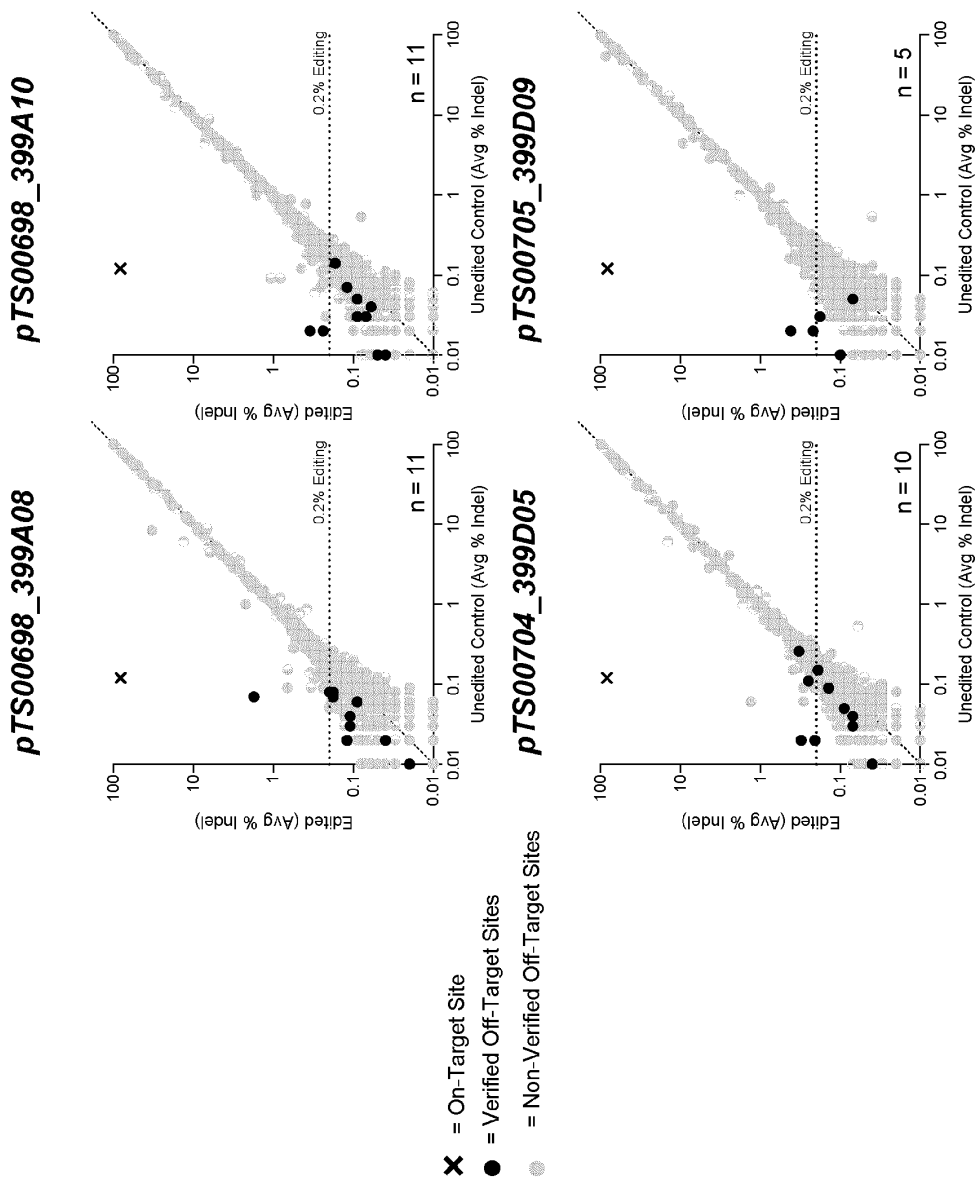


FIG. 12A

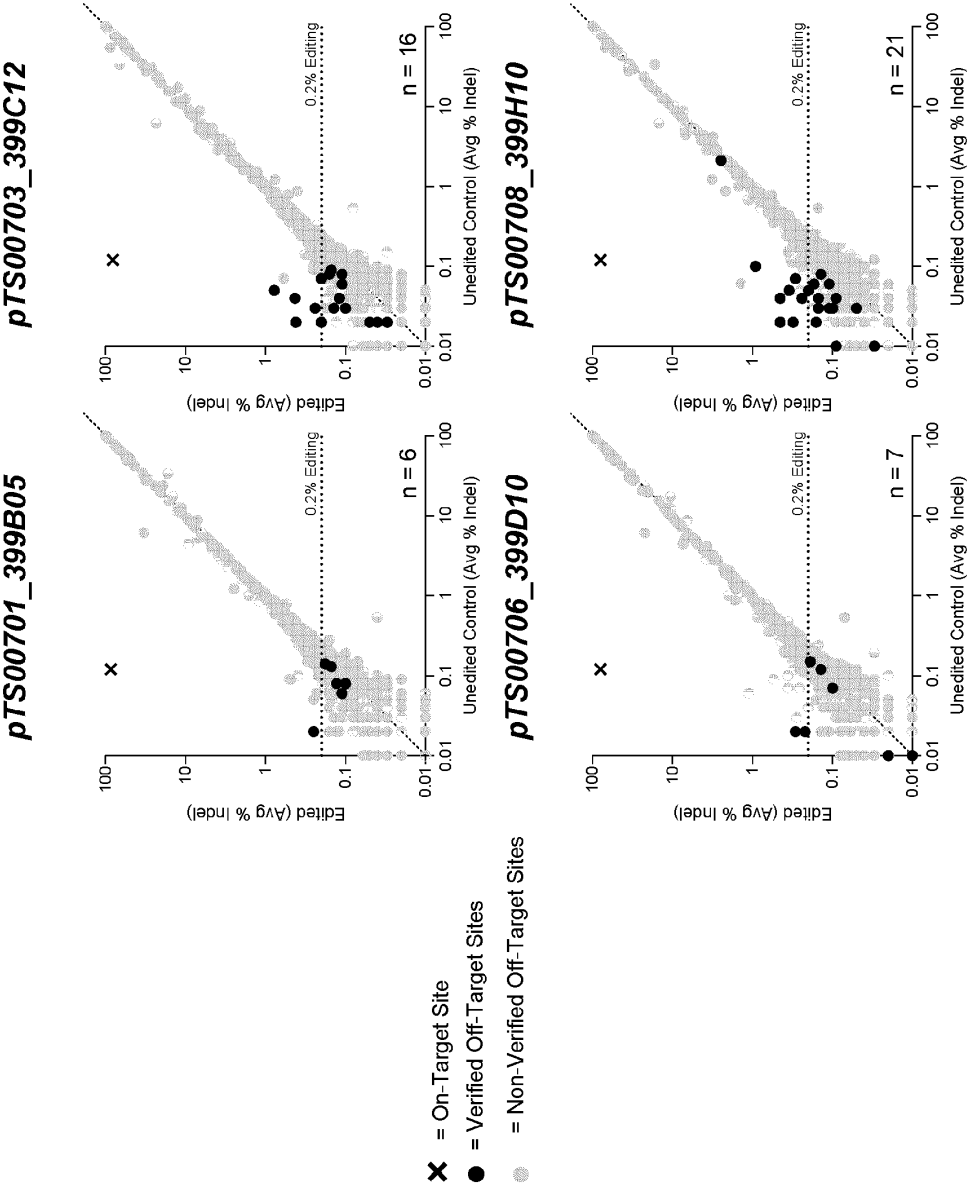


FIG. 12B

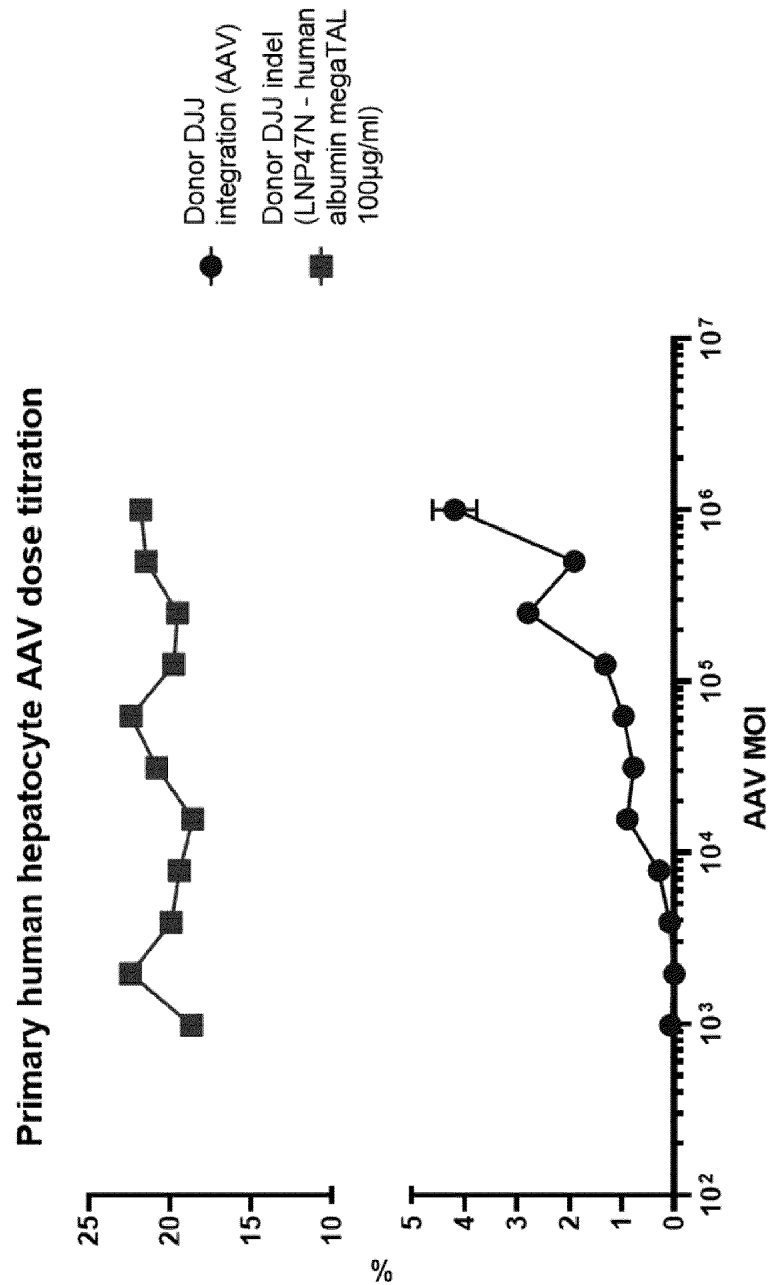


FIG. 13

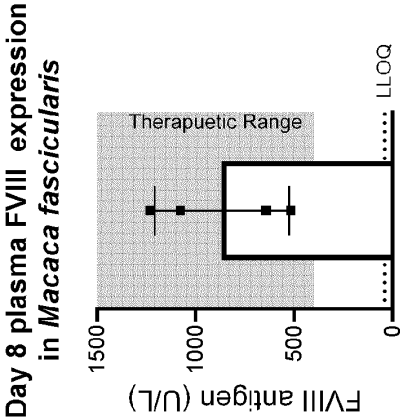


FIG. 14C

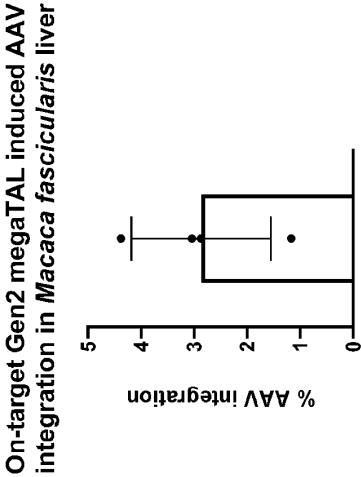


FIG. 14B

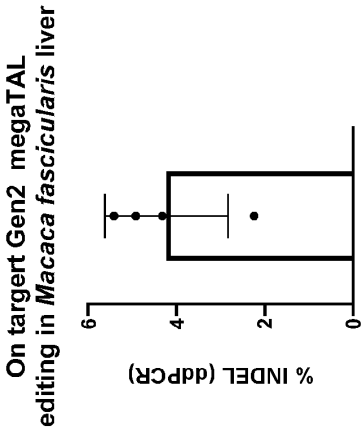


FIG. 14A

