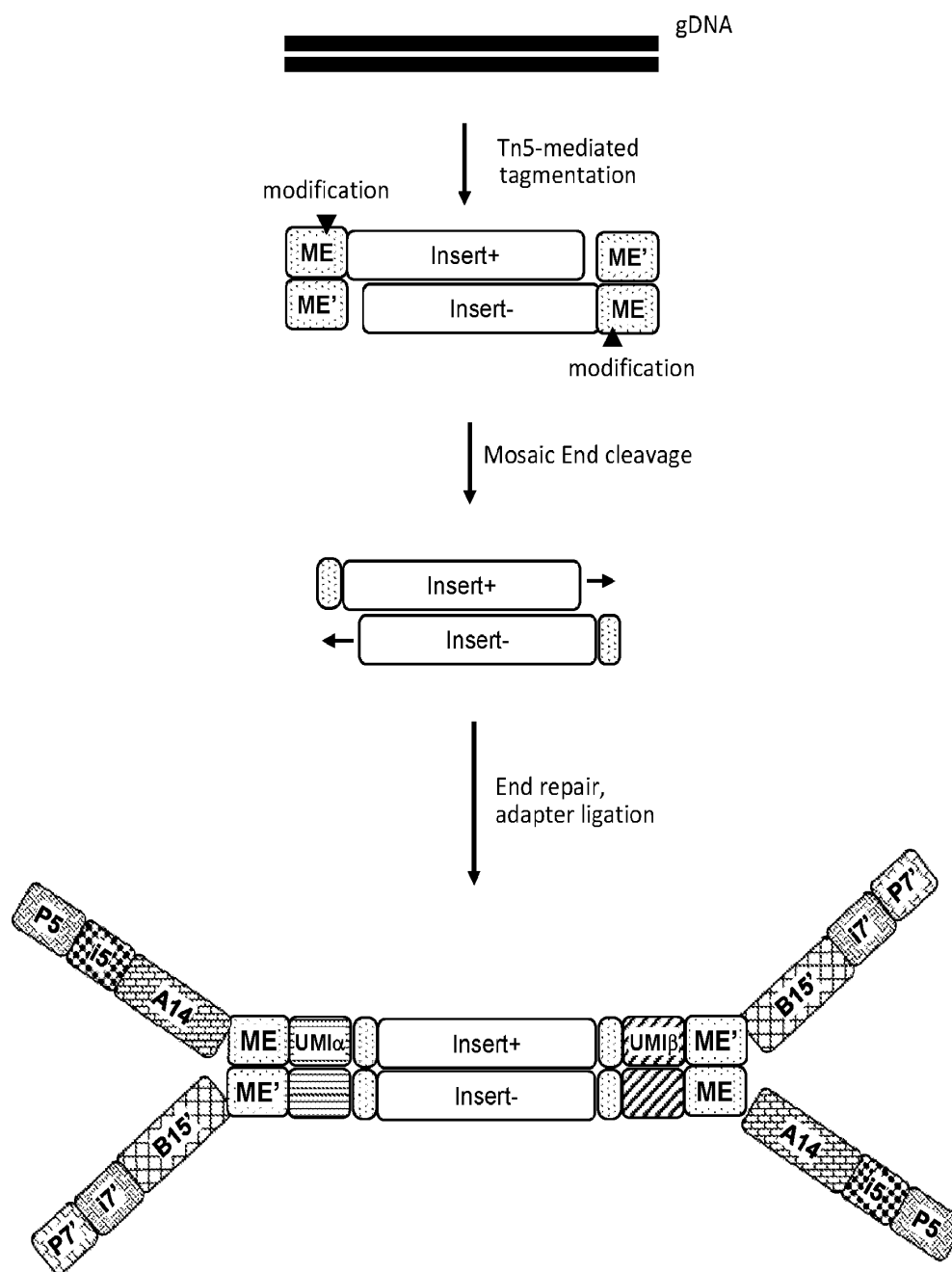
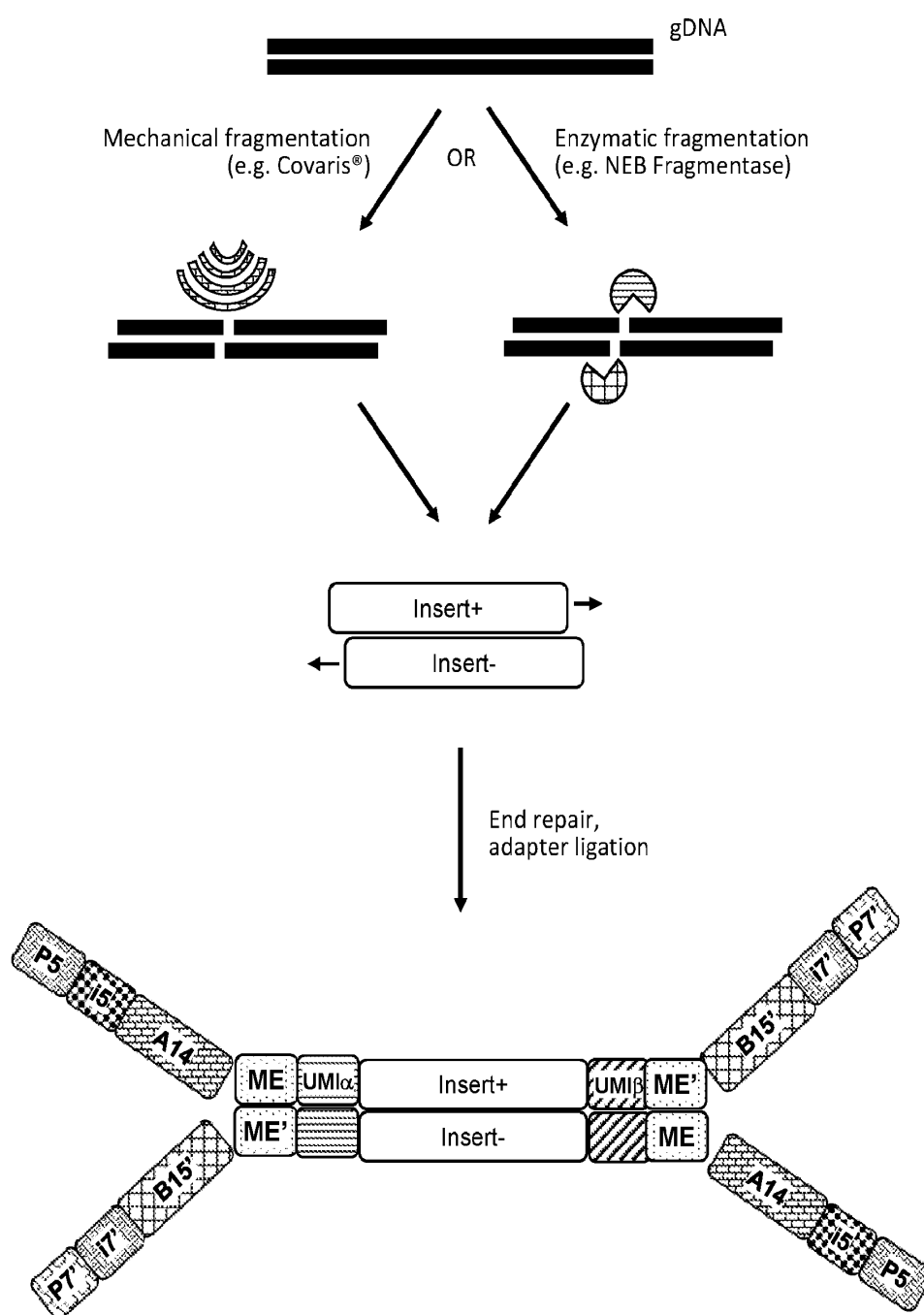


*Fig. 1A*

**Fig. 1B**

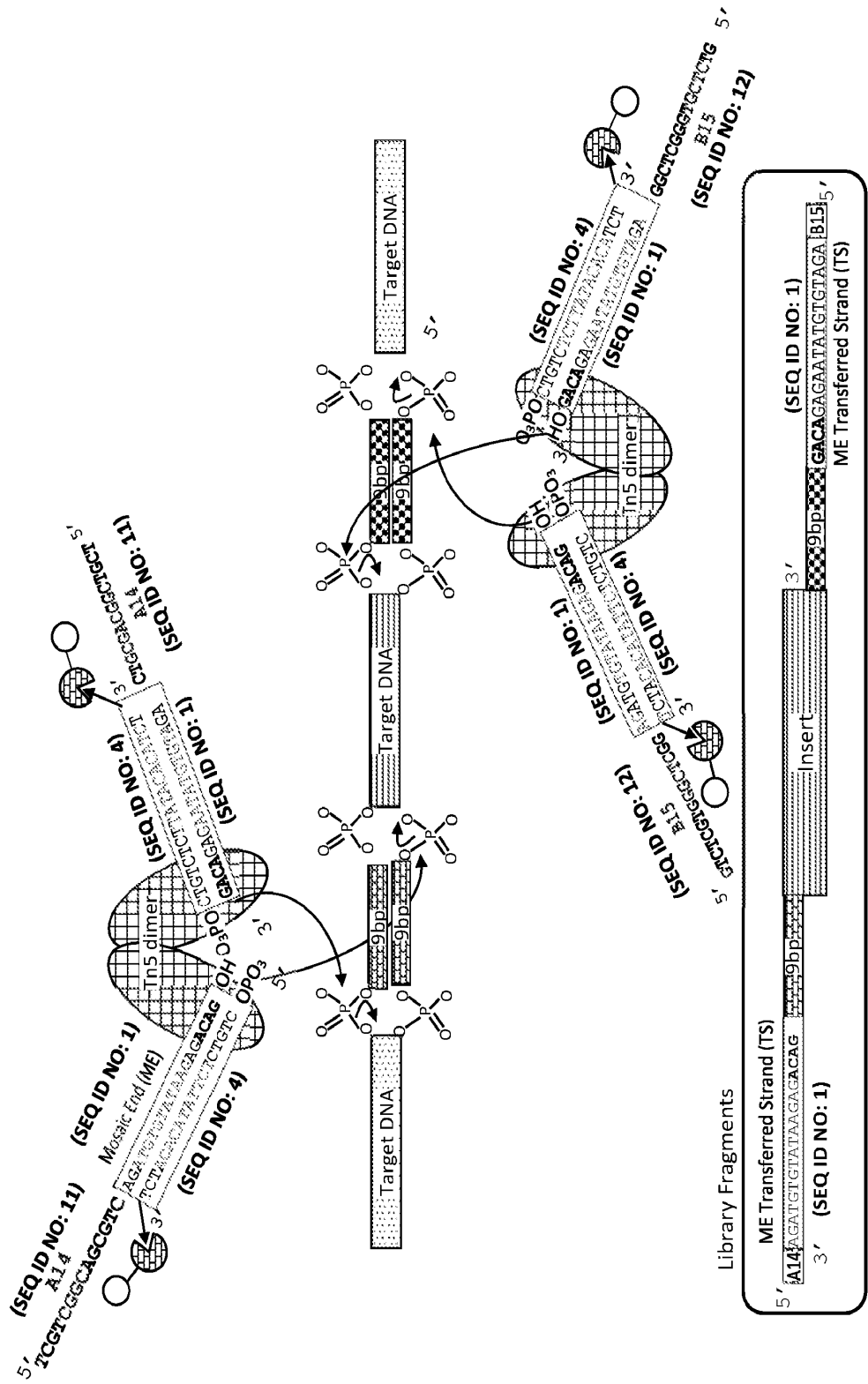


Fig. 2

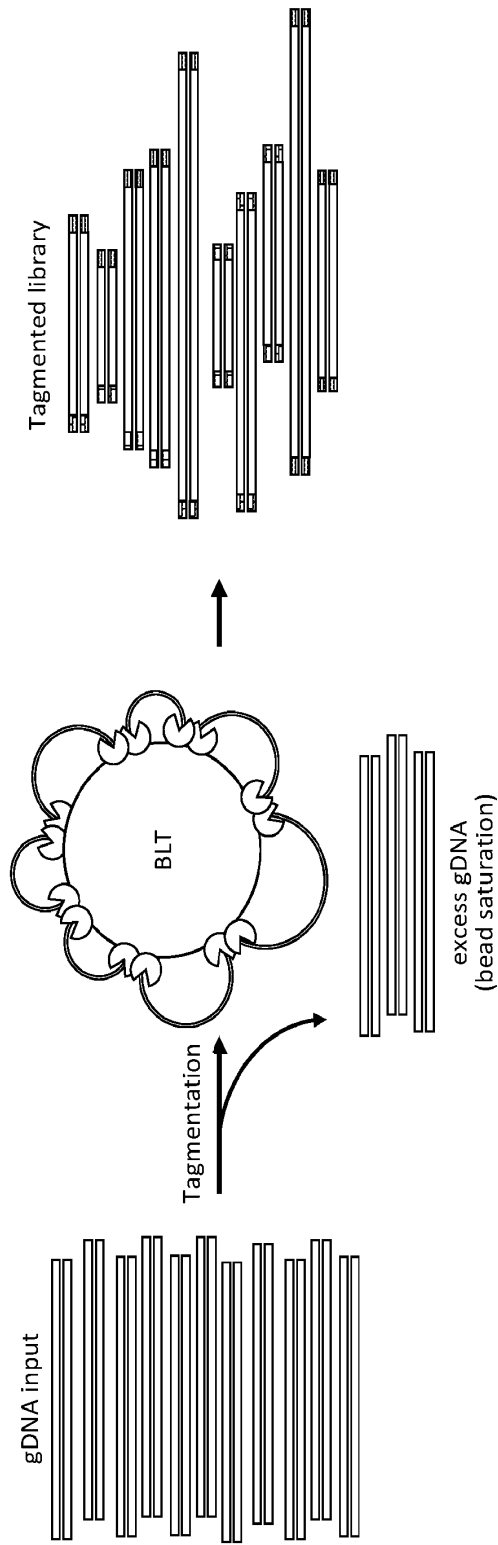


Fig. 3

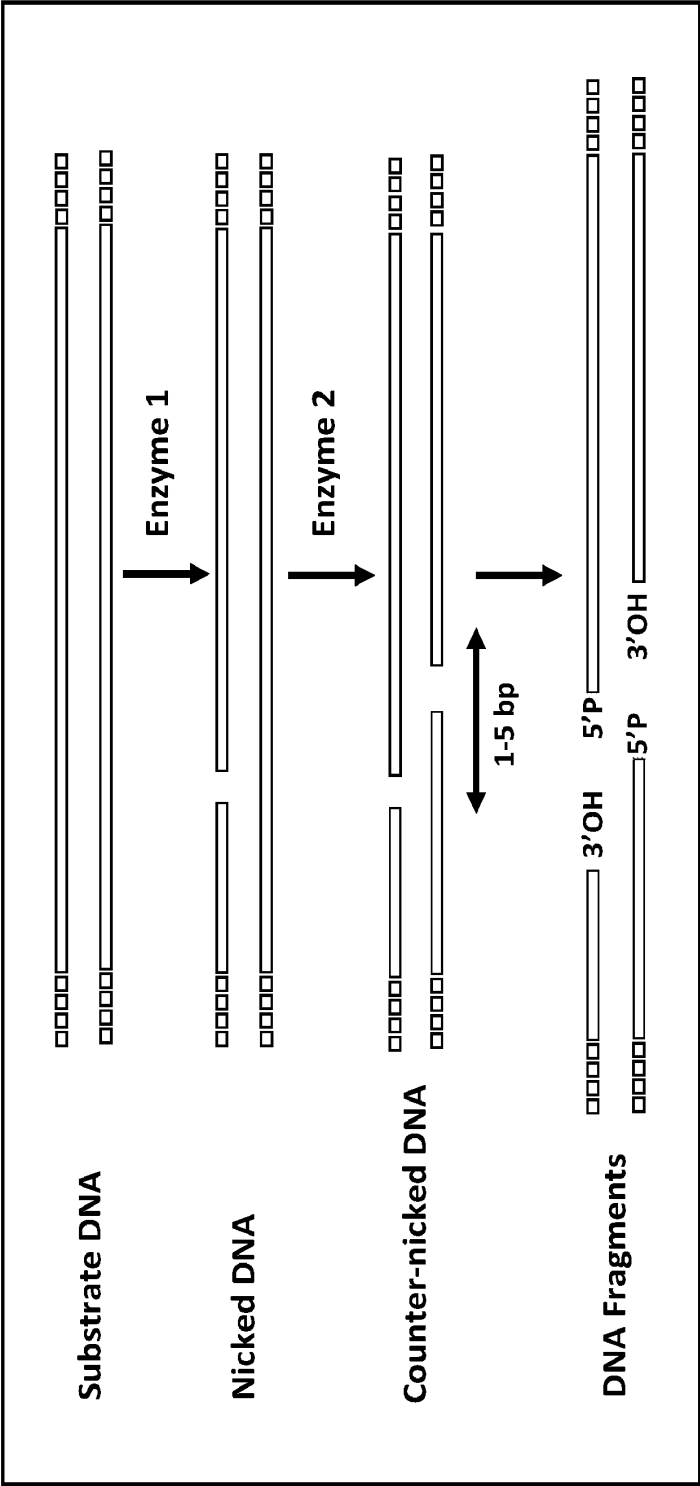


Fig. 4

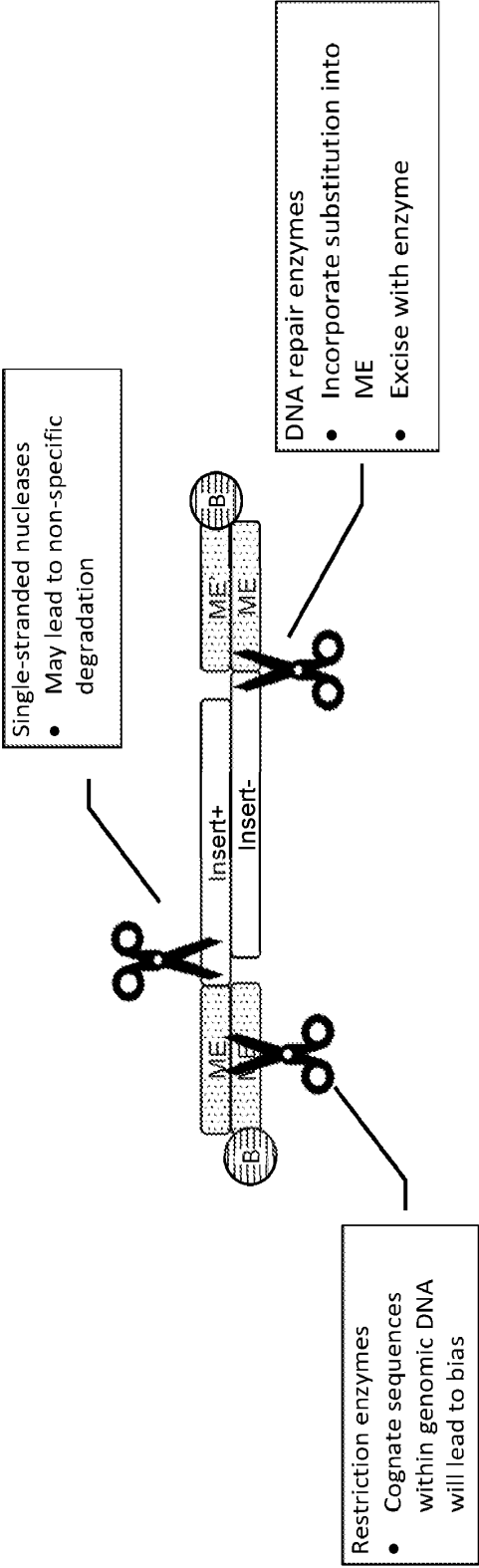


Fig. 5

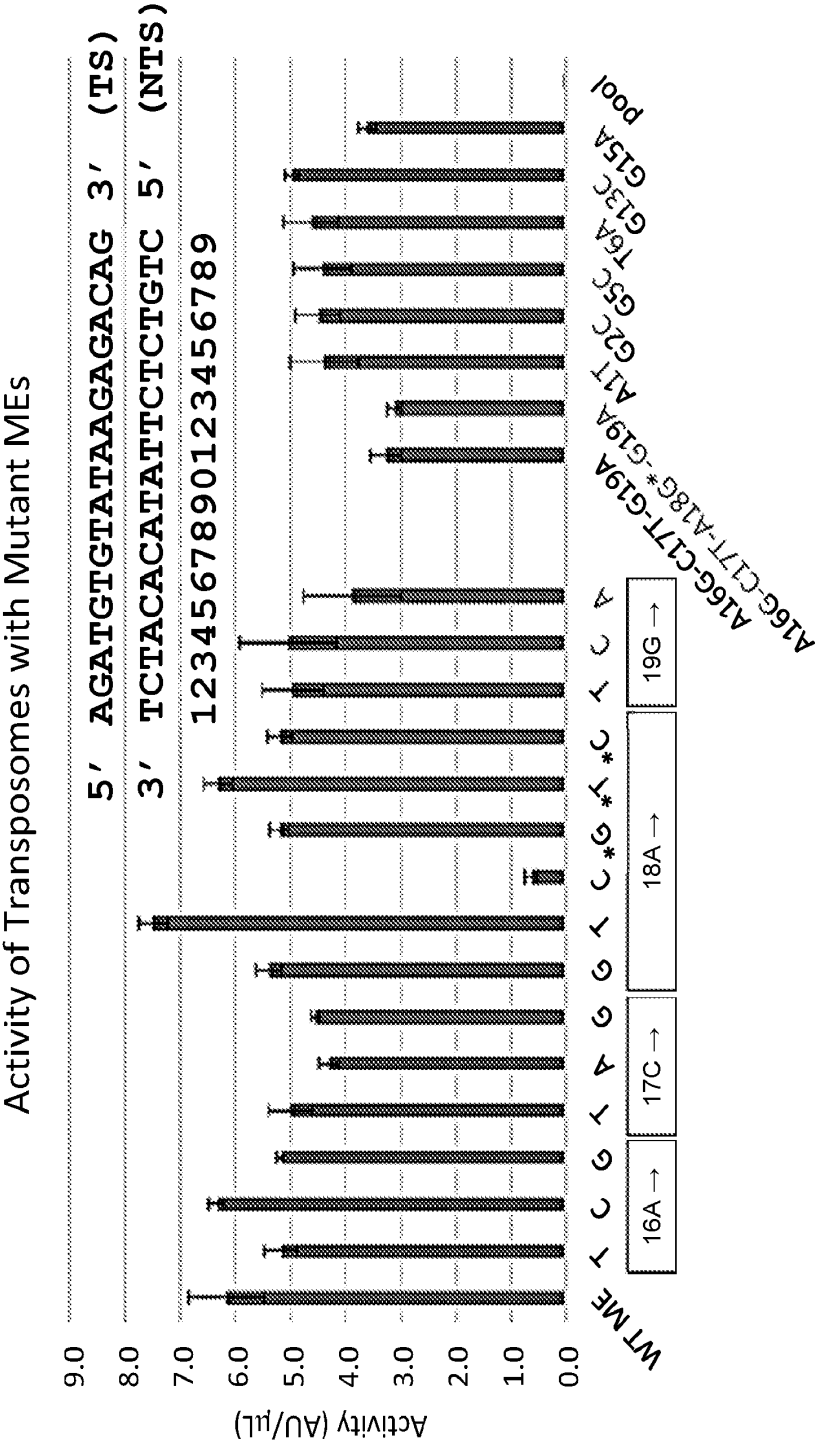


Fig. 6A

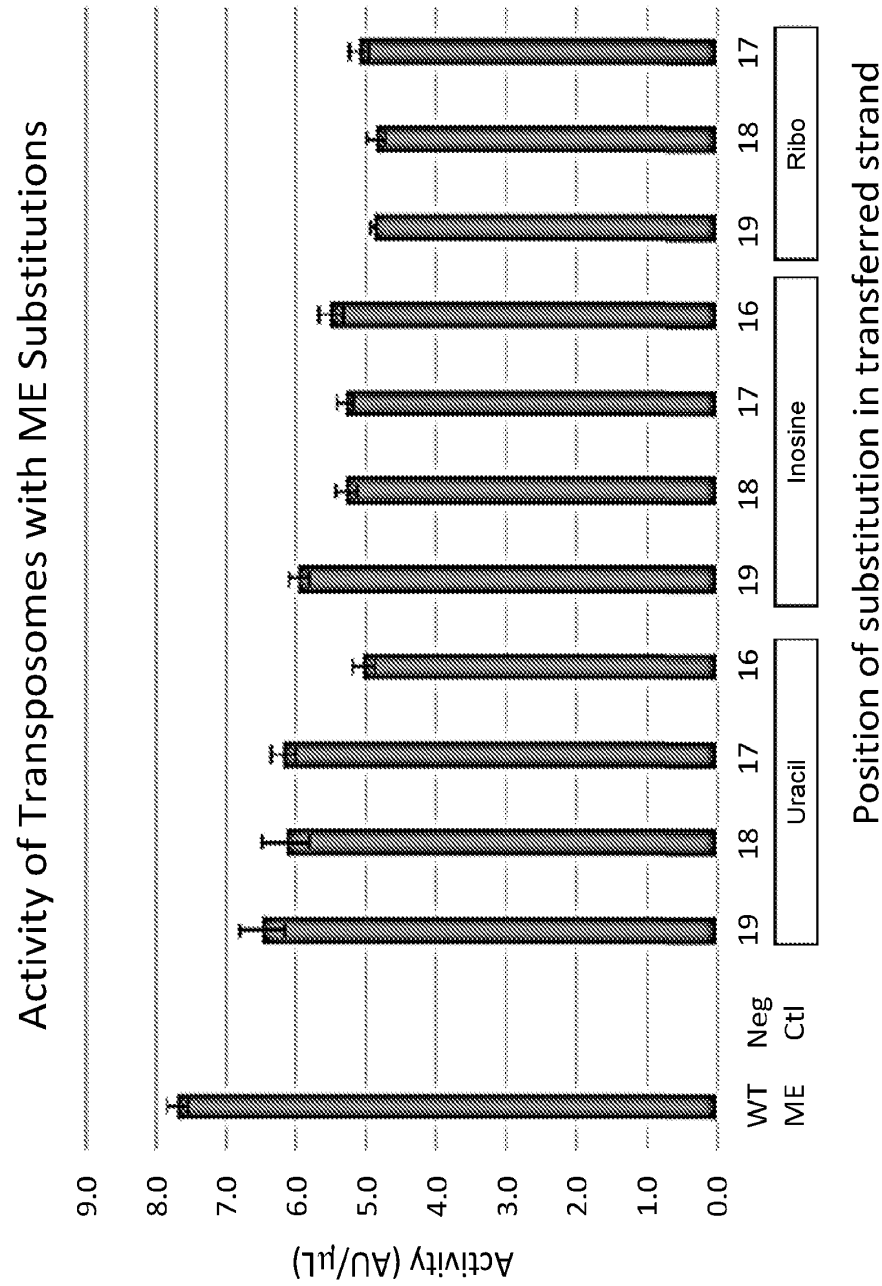
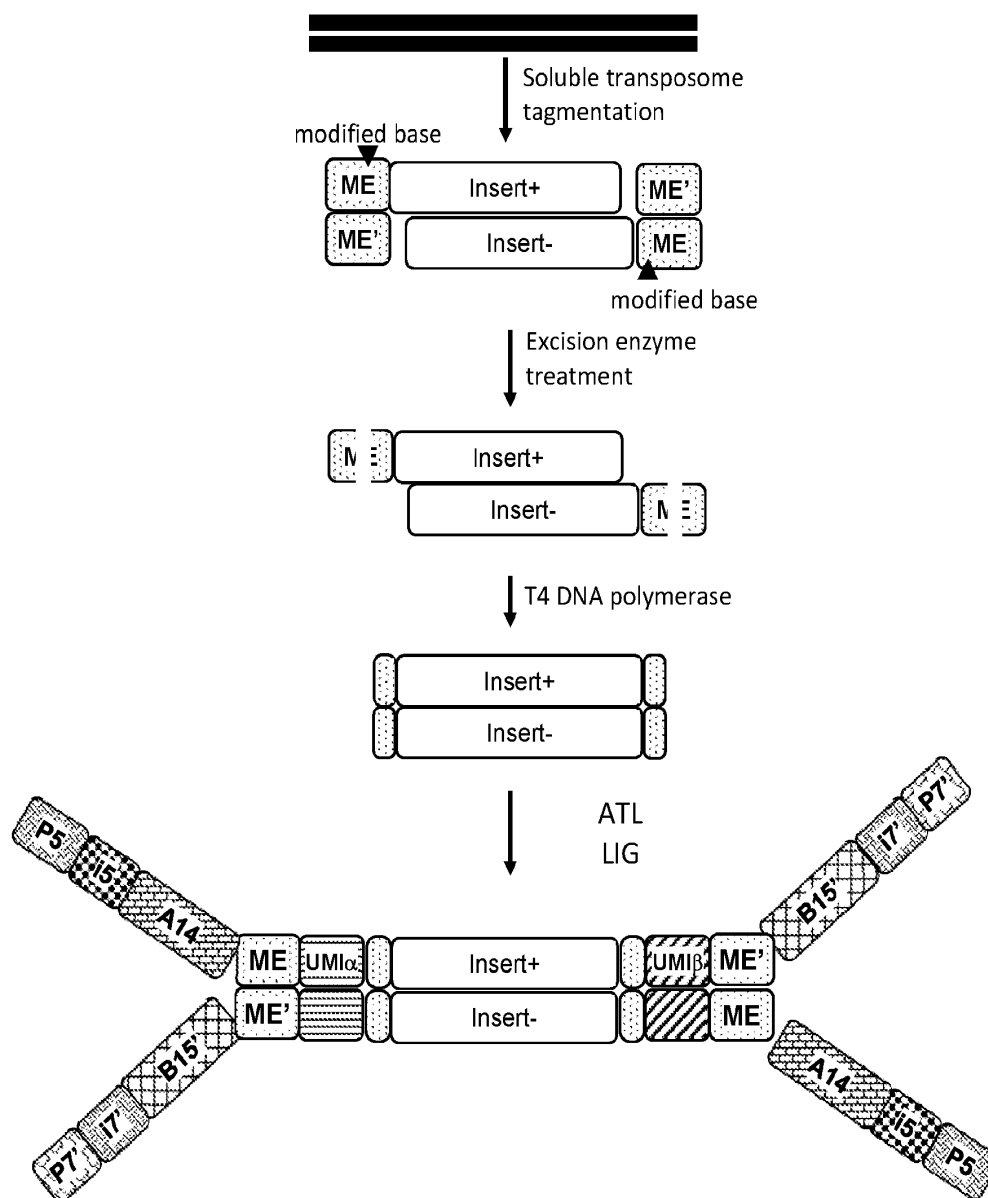


Fig. 6B

*Fig. 7A*

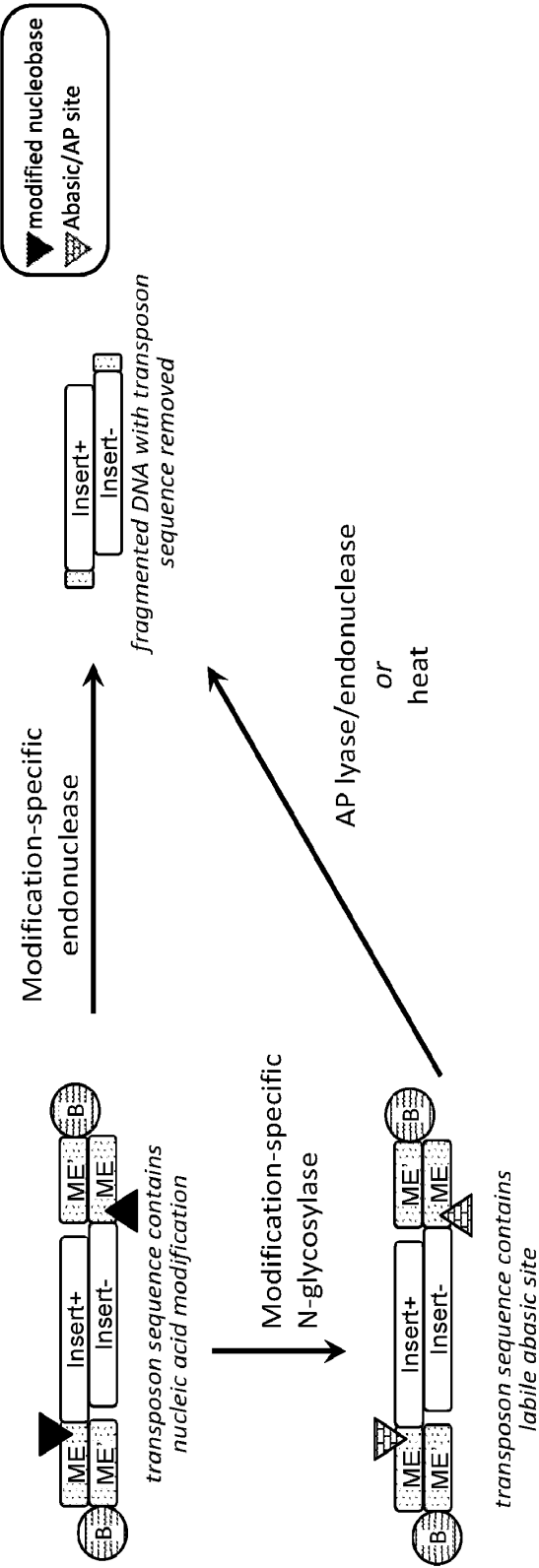


Fig. 7B

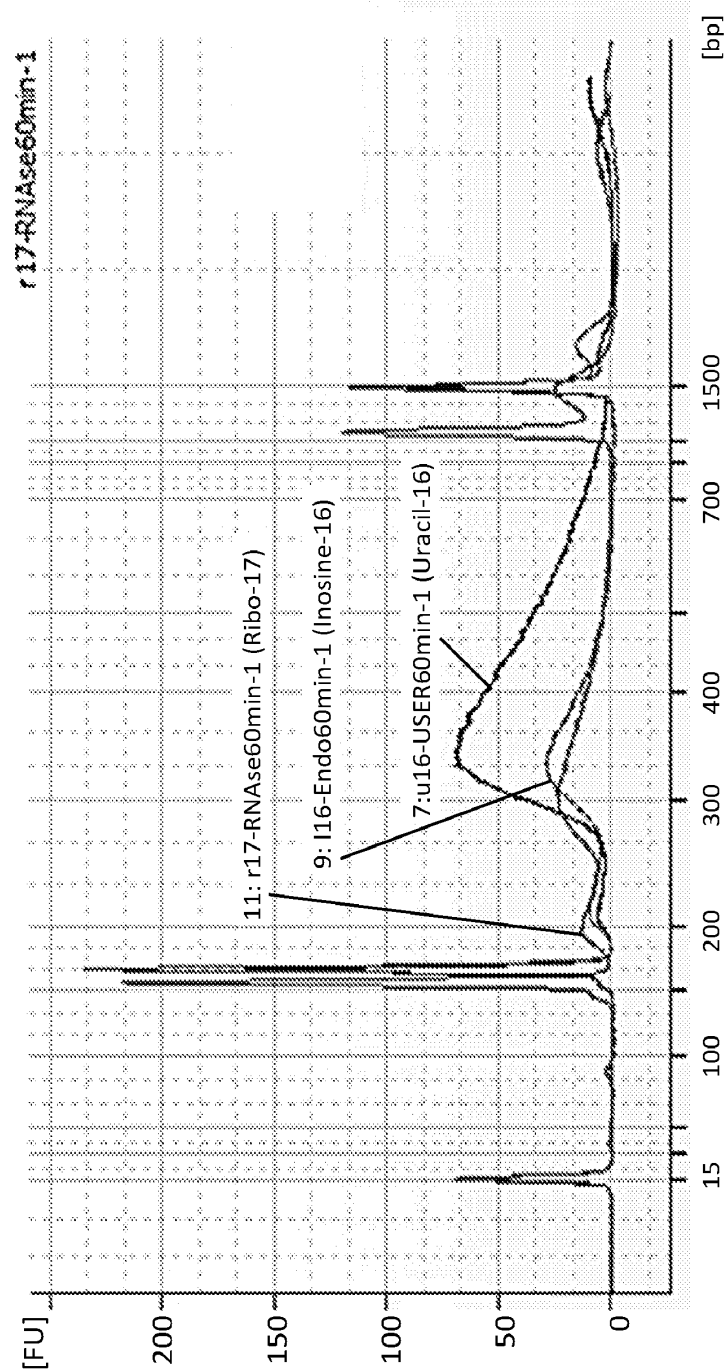


Fig. 7C

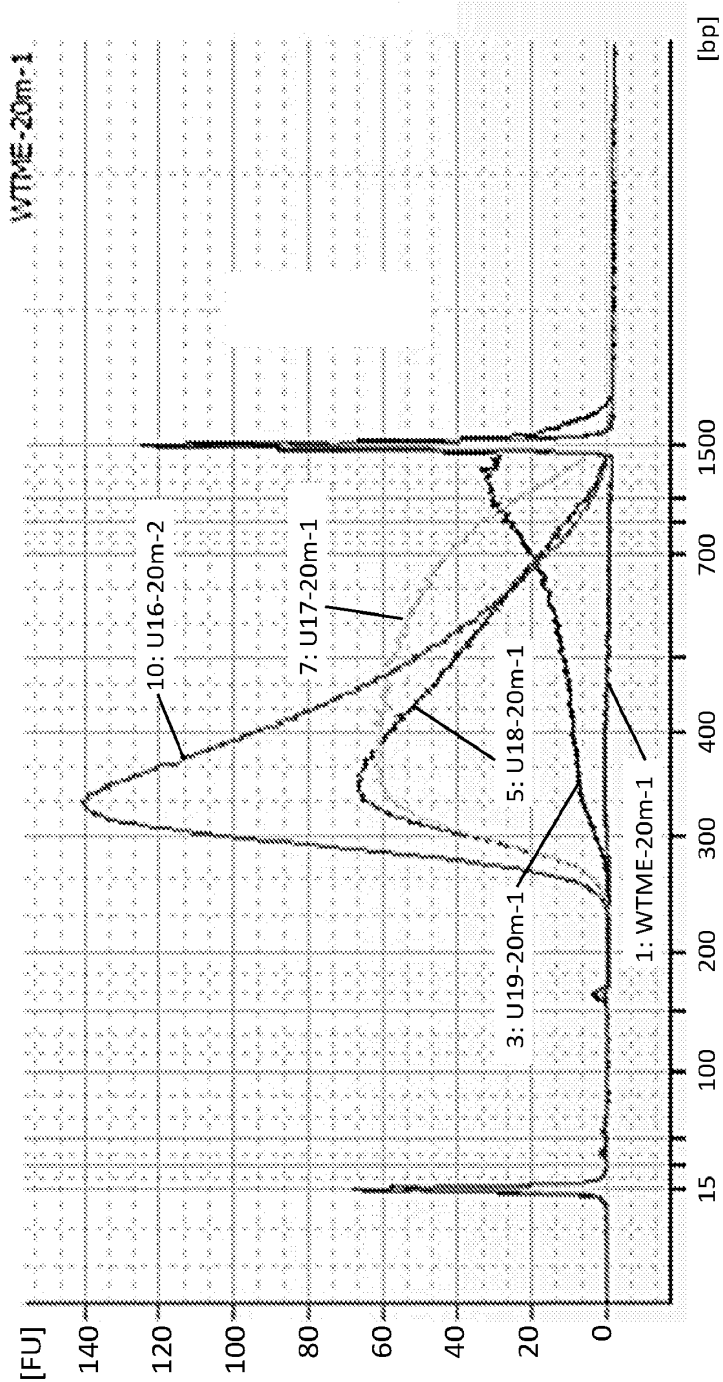
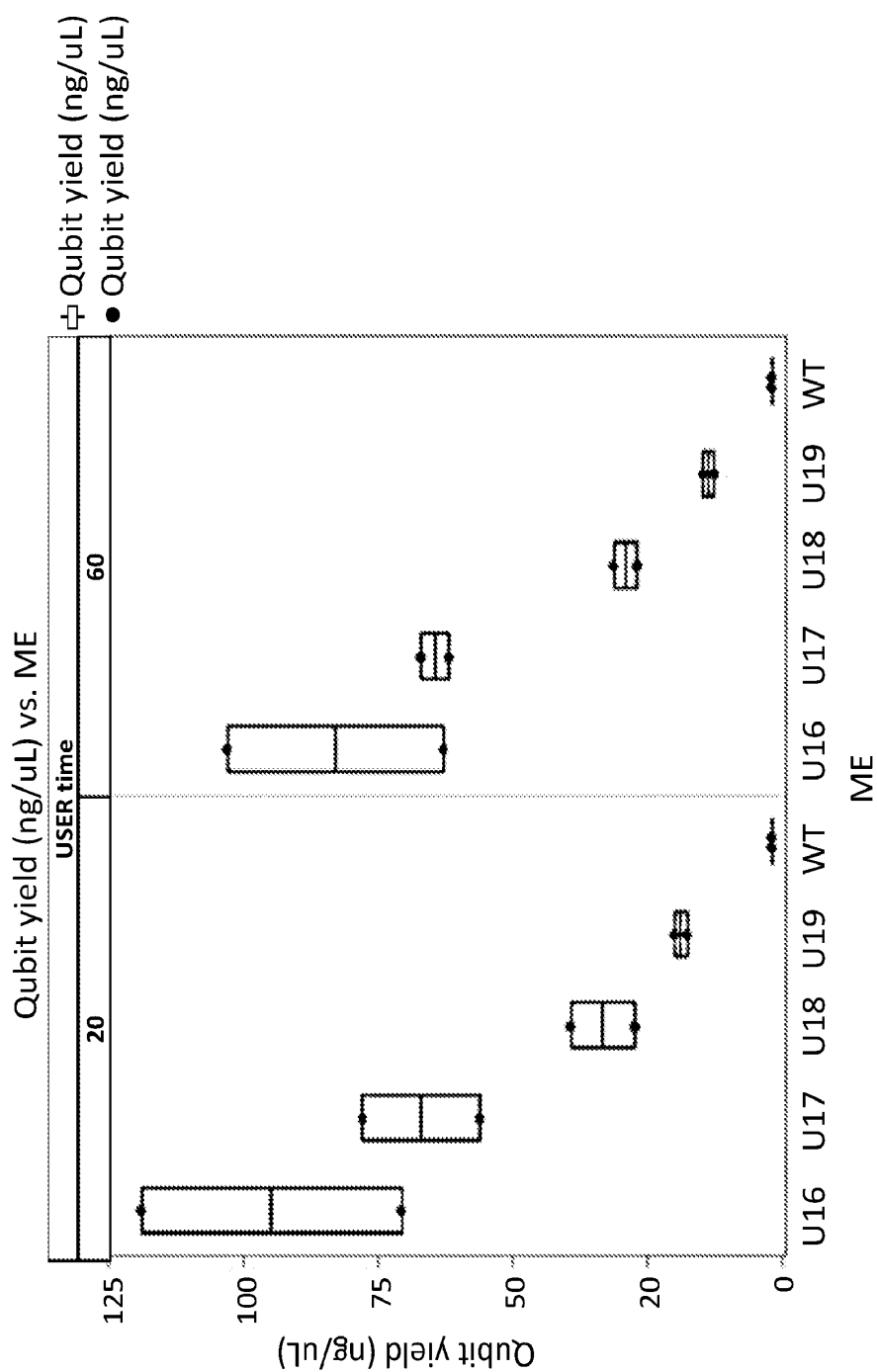
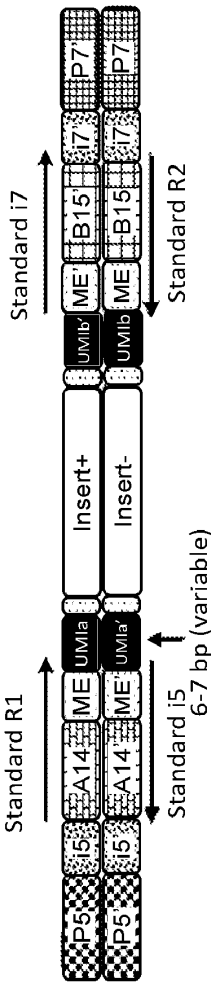


Fig. 8A





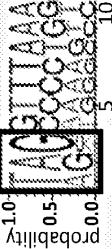
ME	Expected Sequence Signature	Observed Signature
U16 5' AGATGTGTATAAGAGUCAG 3' (TS) 3' TCTACACATATTCTCAGTC 5' (NTS) 1234567890123456789	TCAG or CAG	
U17 5' AGATGTGTATAAGAGAUAG 3' (TS) 3' TCTACACATATTCTCTATC 5' (NTS) 1234567890123456789	TAG or AG	
U18 5' AGATGTGTATAAGAGACUG 3' (TS) 3' TCTACACATATTCTCTGAC 5' (NTS) 1234567890123456789	TG or G	 100,000 sequences sampled

Fig. 9

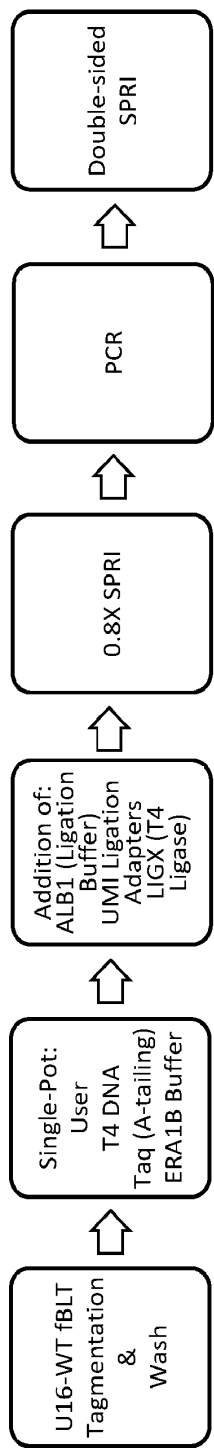


Fig. 10A

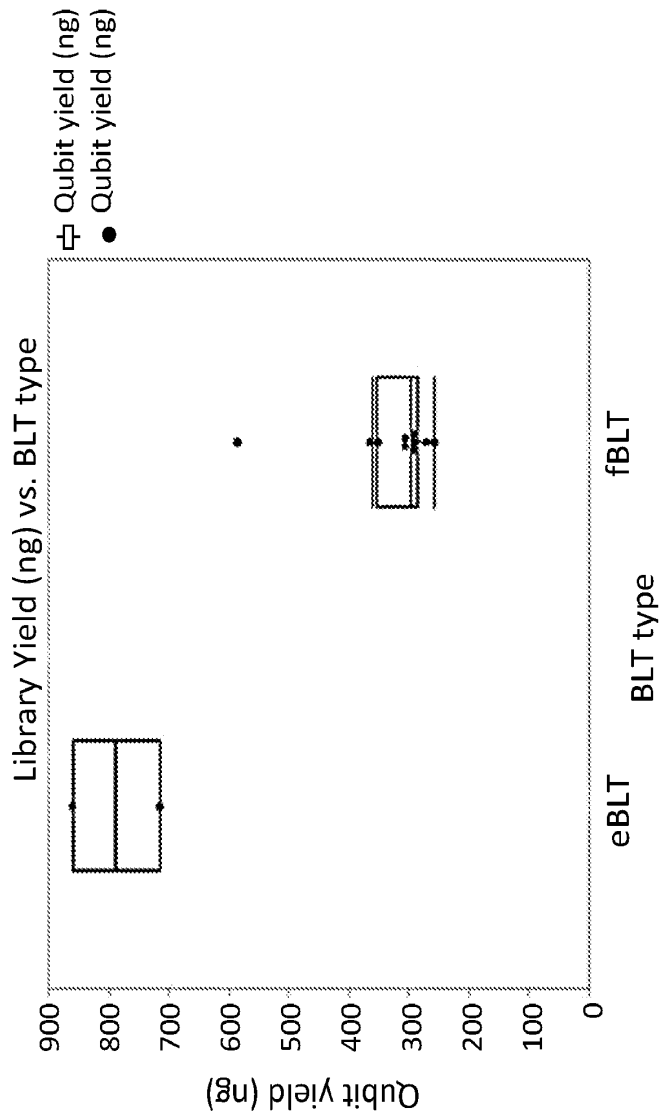


Fig. 10B

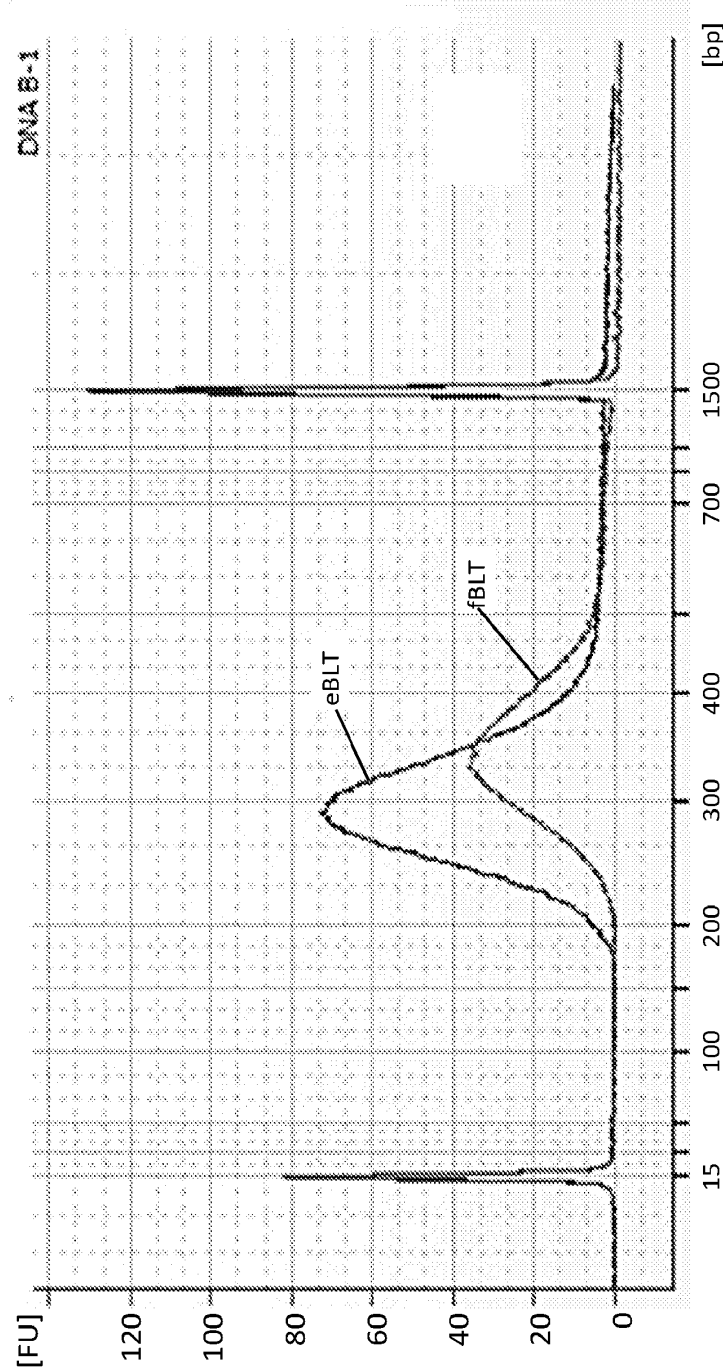


Fig. 10C

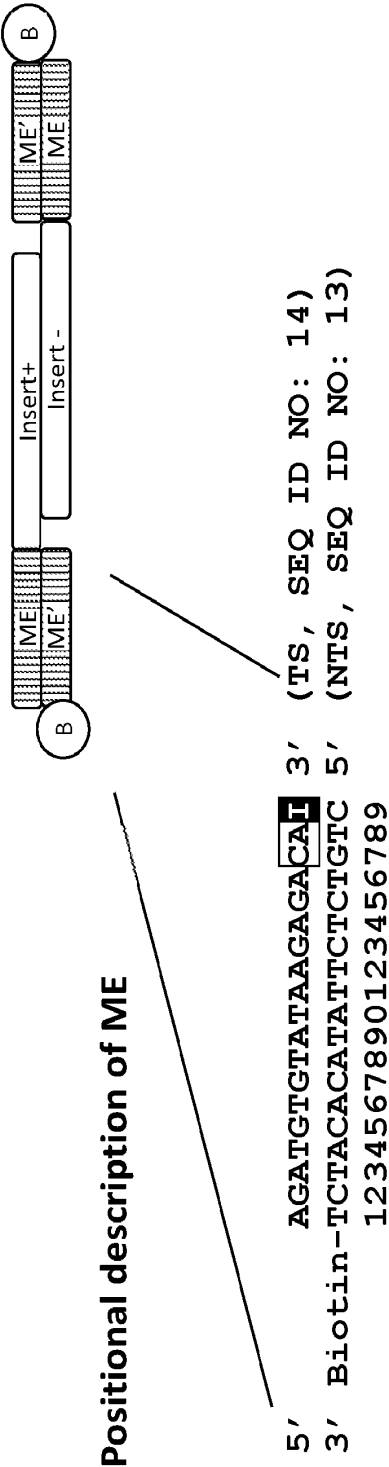


Fig. 11

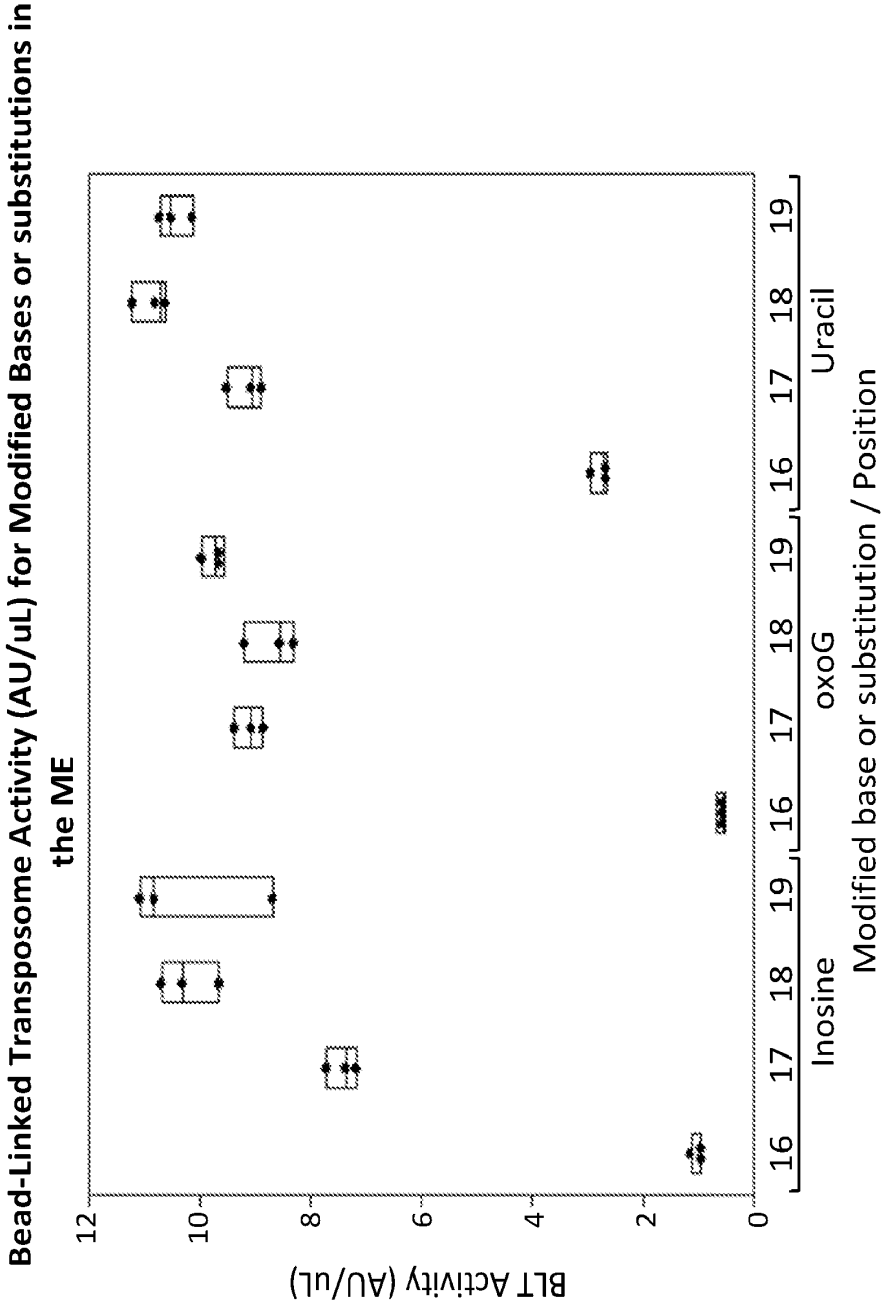


Fig. 12

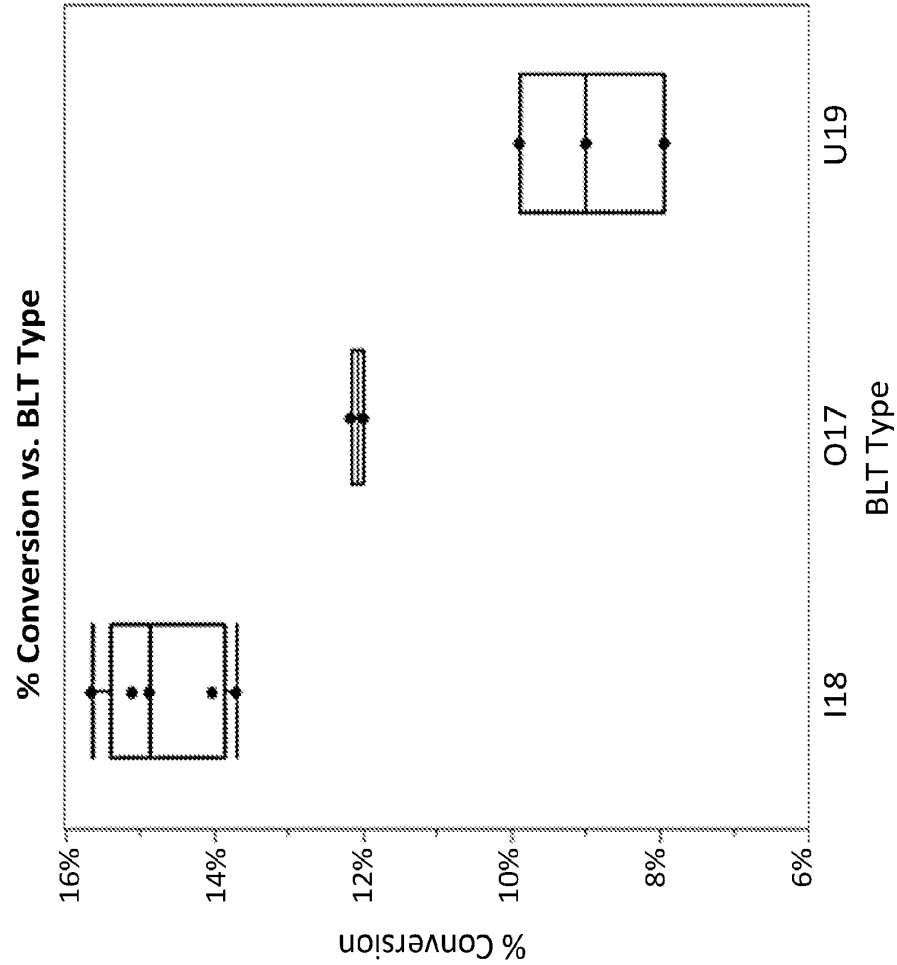


Fig. 13A

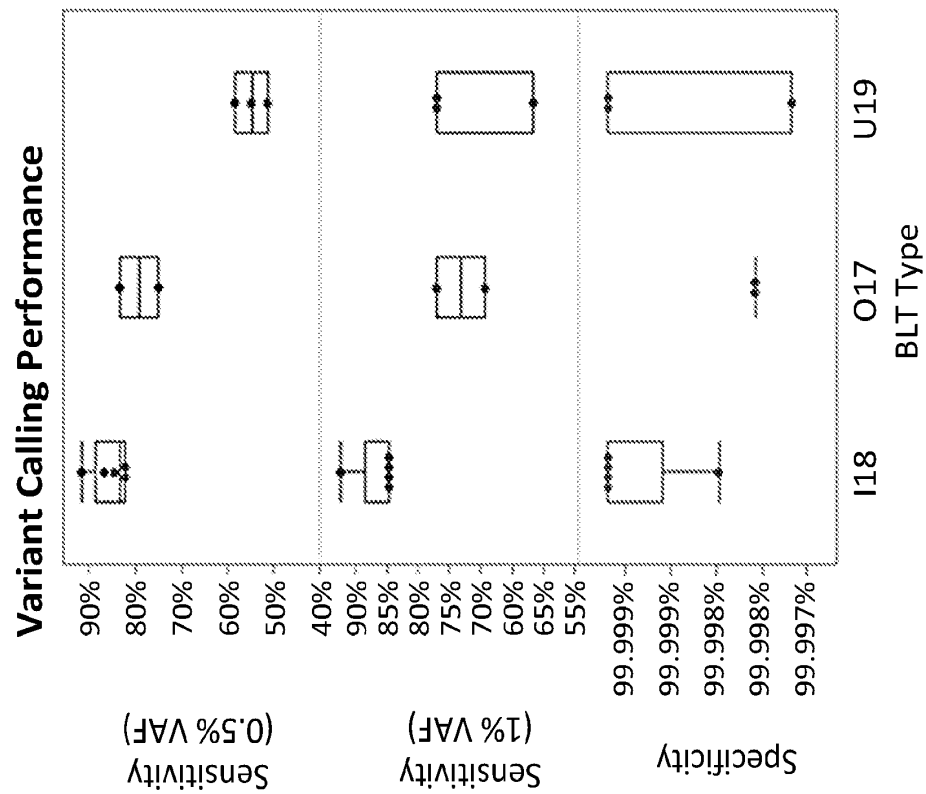


Fig. 13B

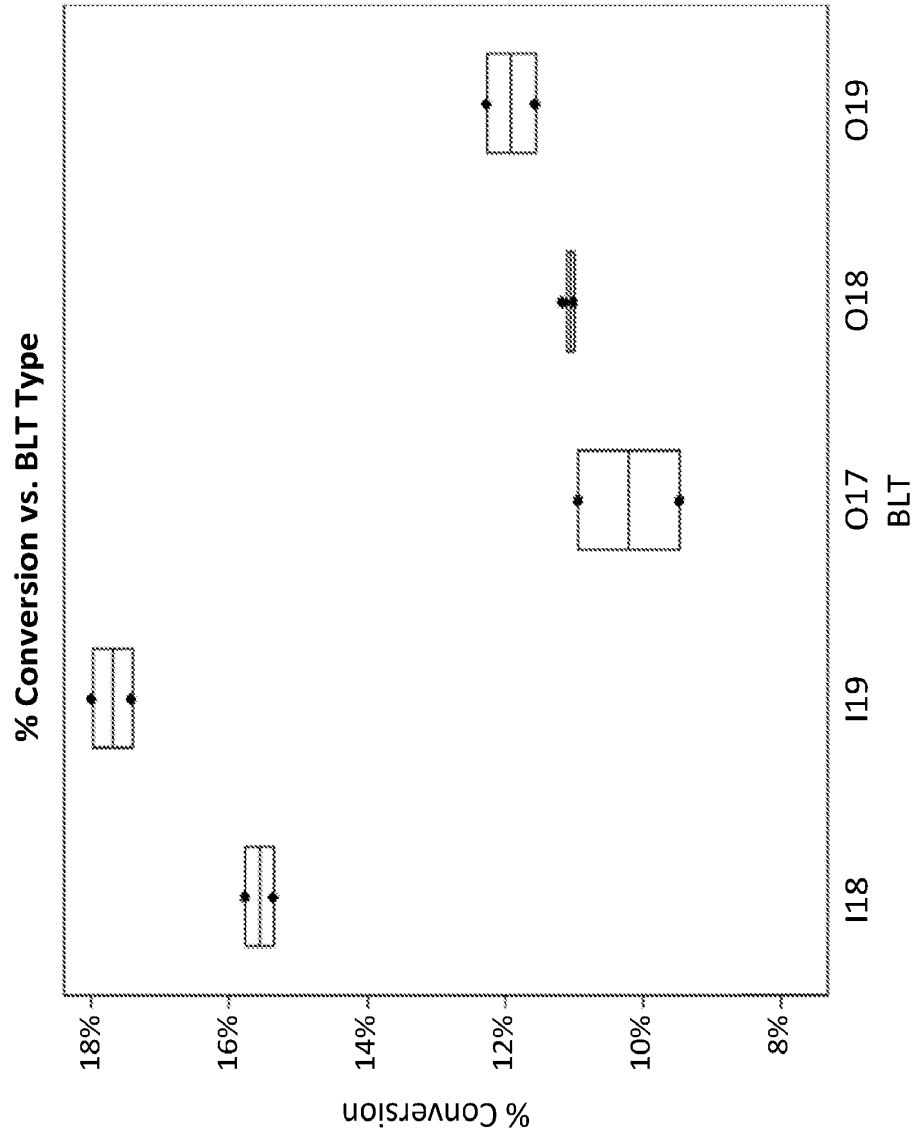


Fig. 13C

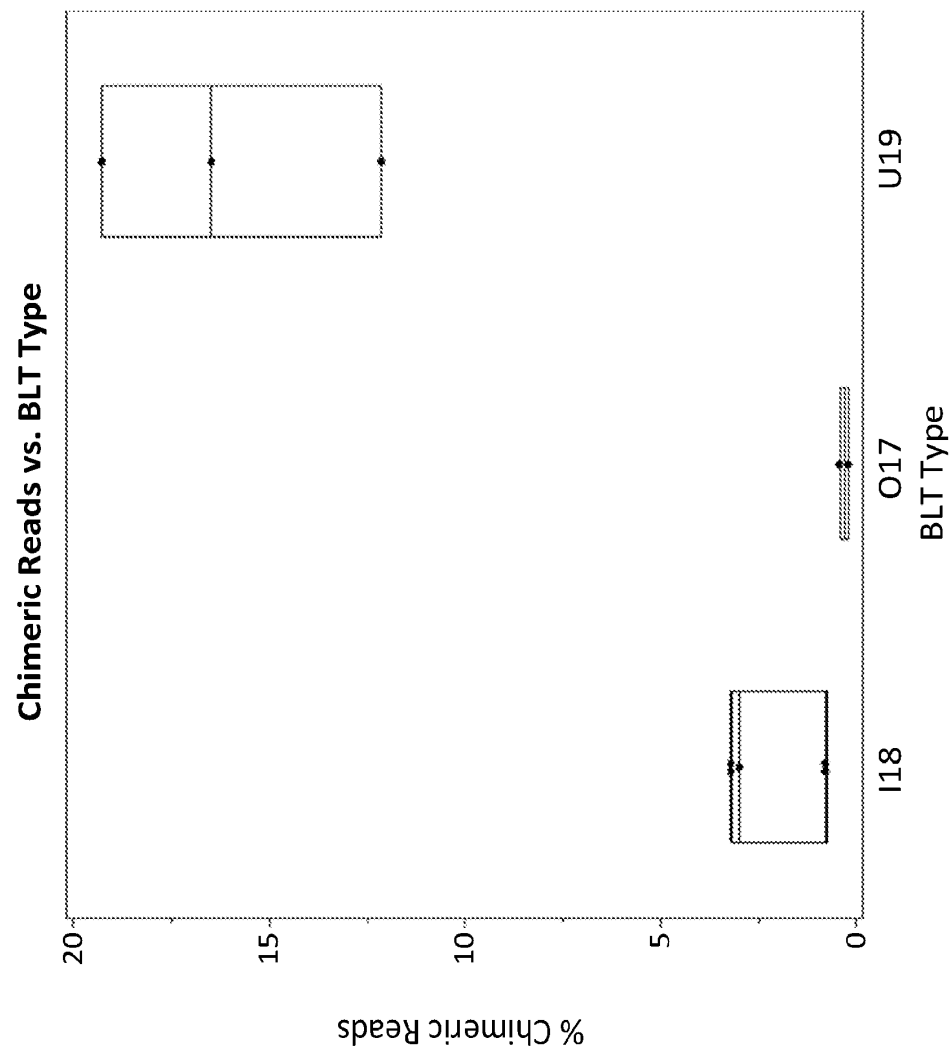


Fig. 14

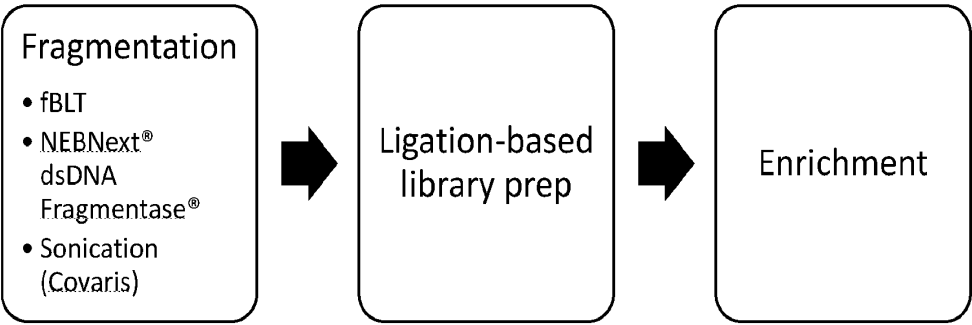


Fig. 15A

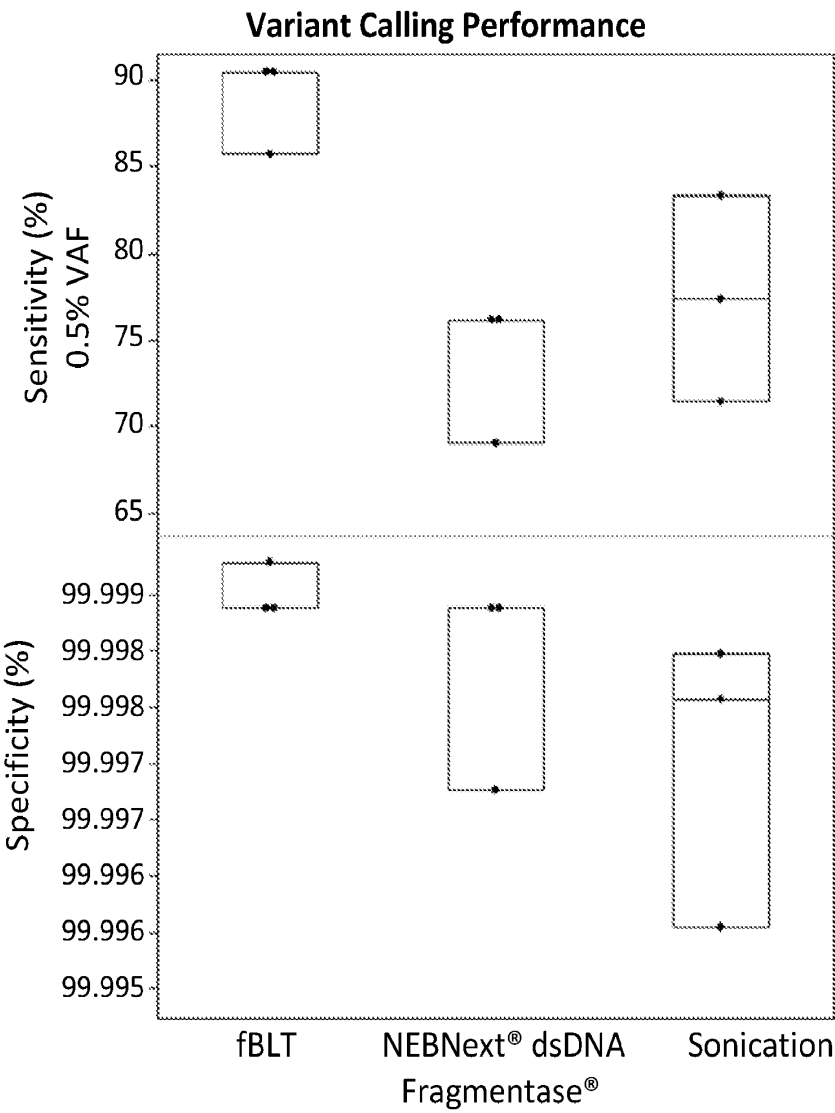


Fig. 15B

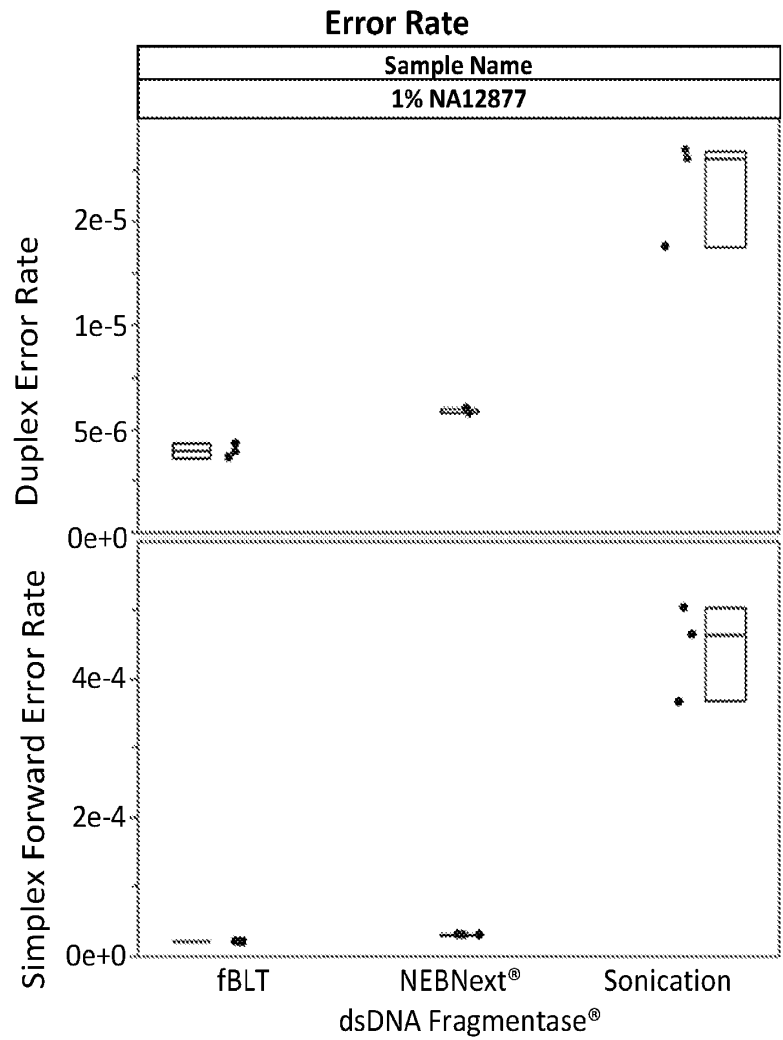
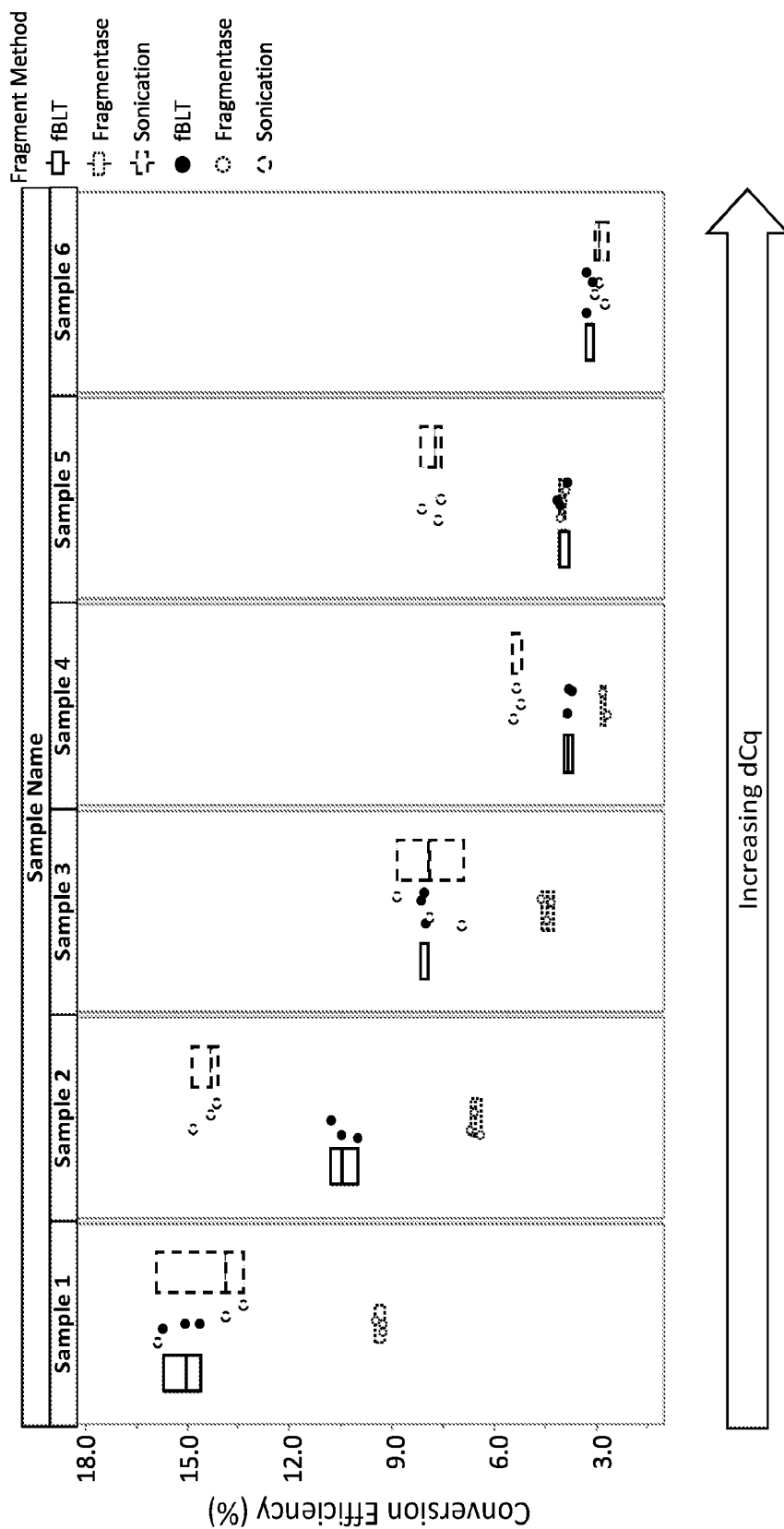


Fig. 16



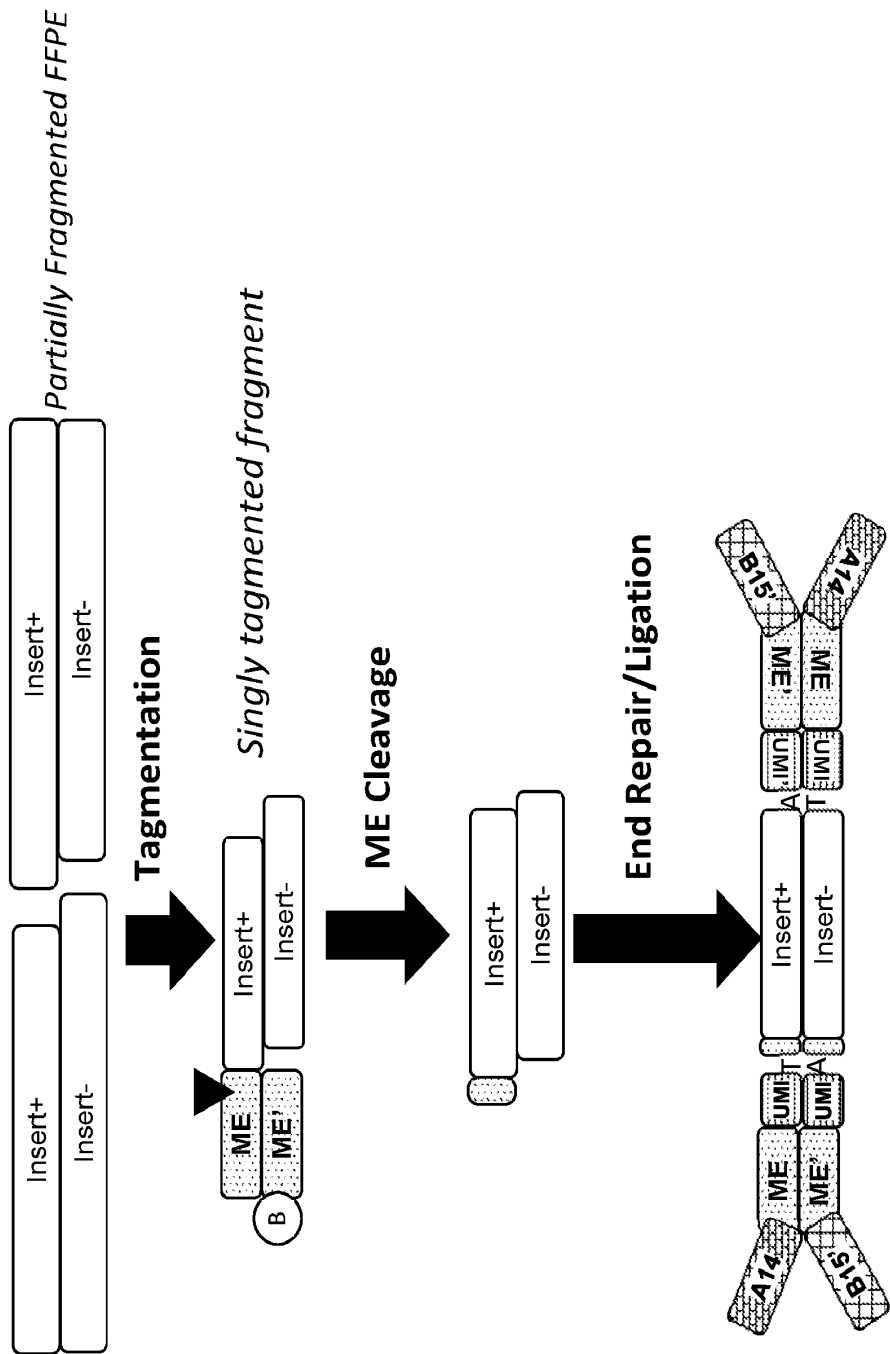
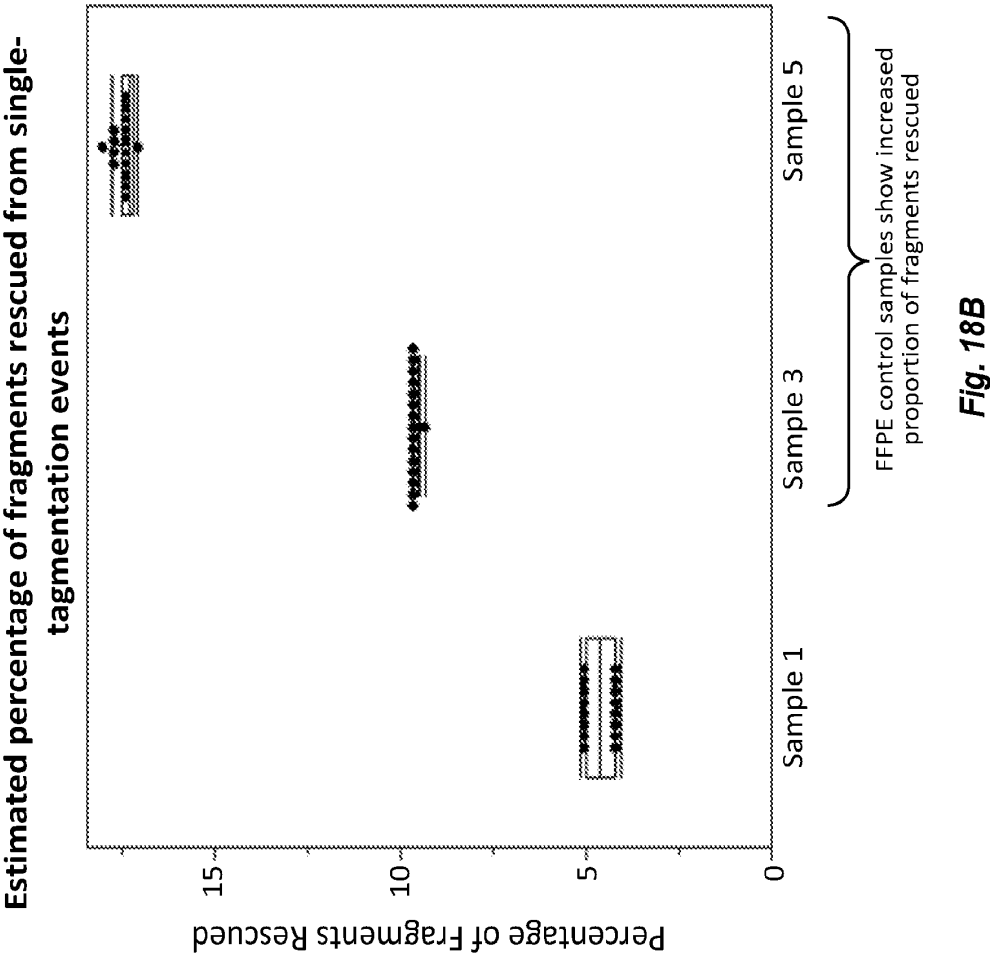


Fig. 18A



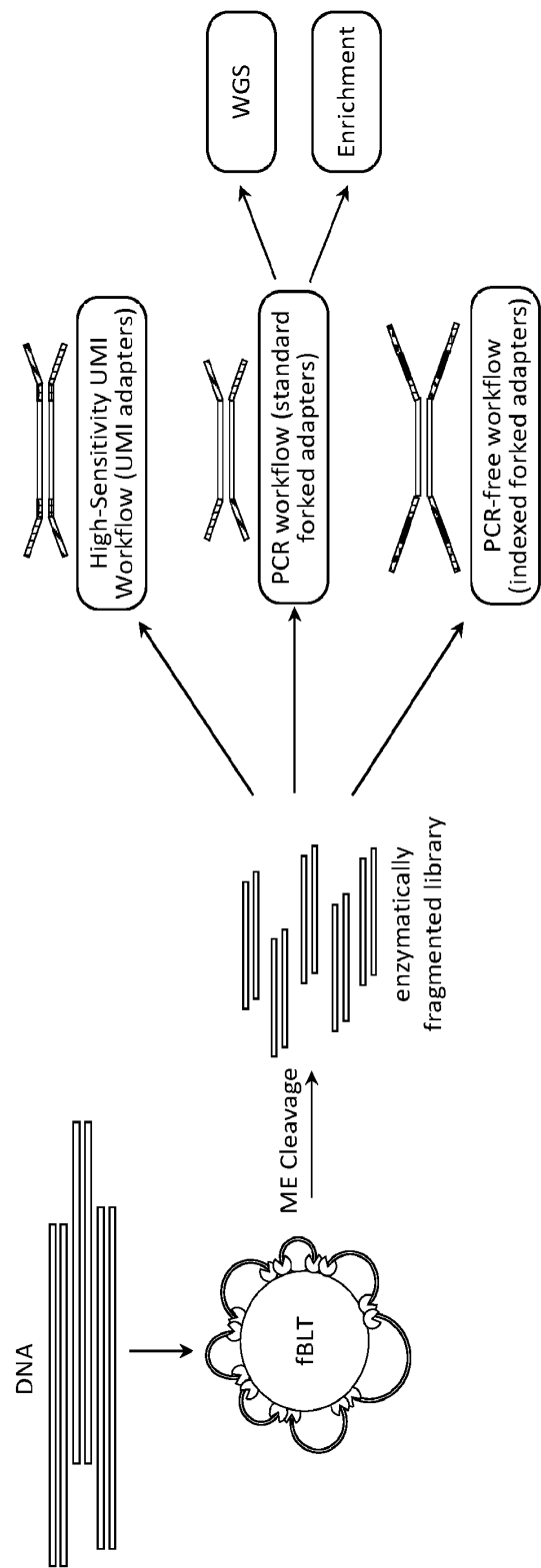


Fig. 19

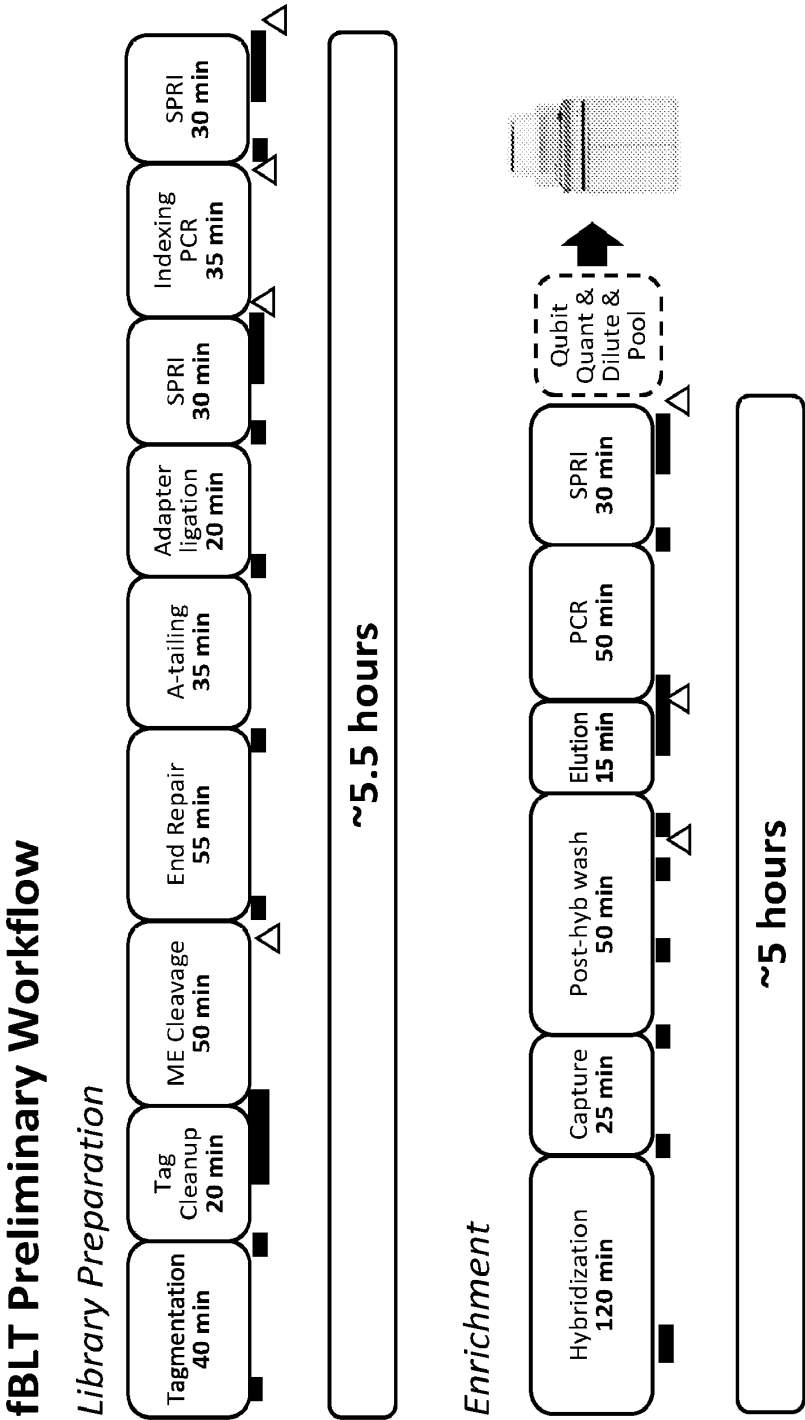


Fig. 20