

Fig. 1

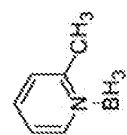
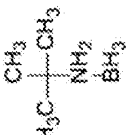
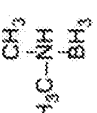
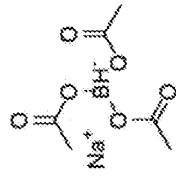
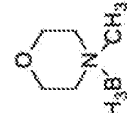
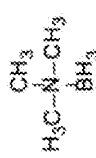
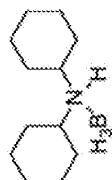
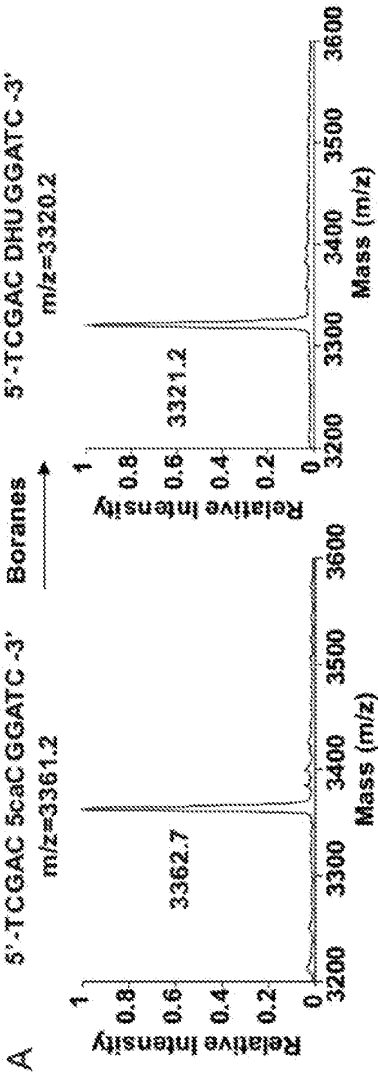
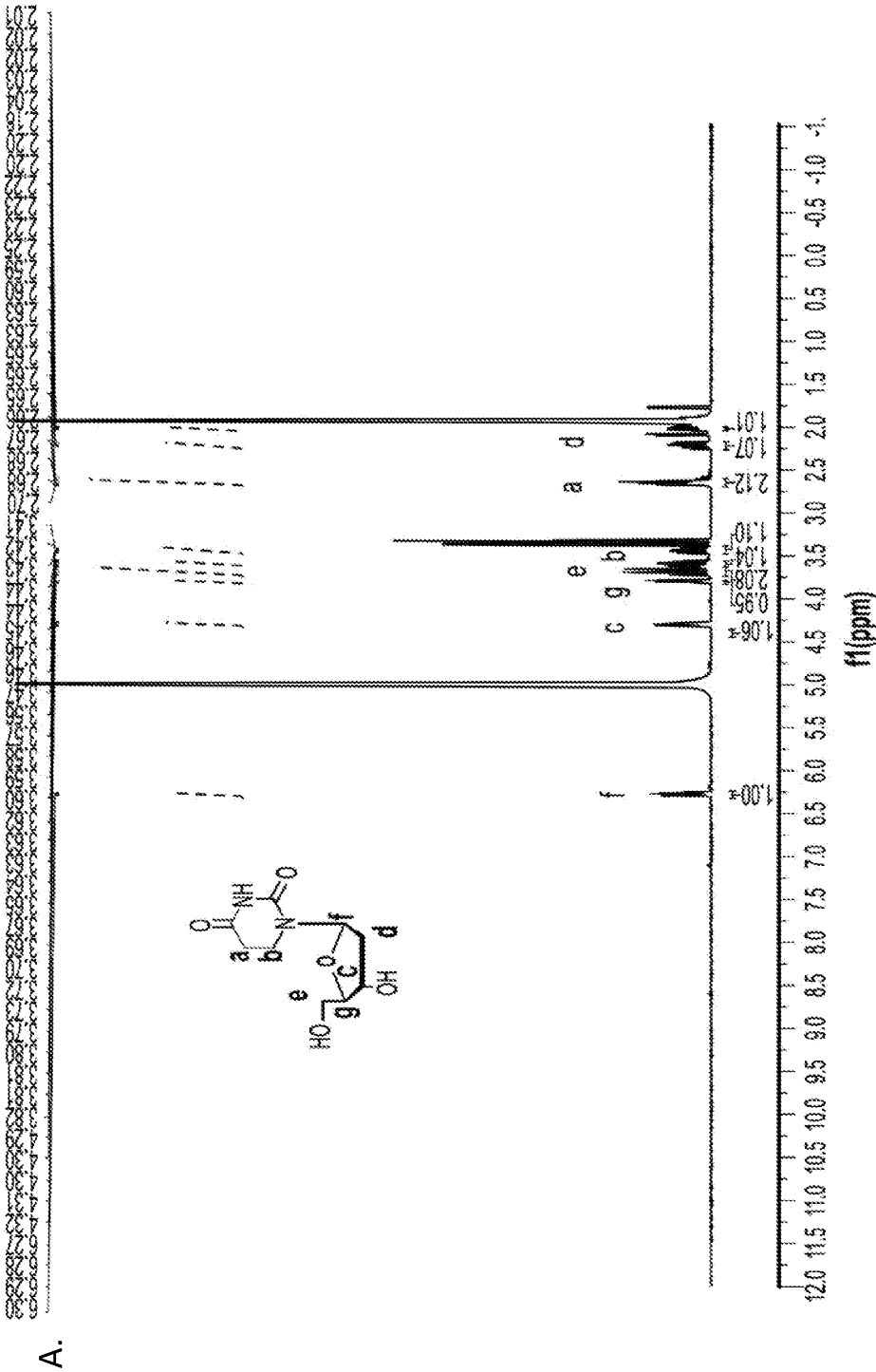
 pyridine borane 100%	 2-picoline borane 100%	 tert-butylamine borane 100%	 ammonia borane 100%
 sodium borohydride ~60%	 ethylenediamine borane ~30%	 dimethylamine borane ~30%	 sodium triacetoxymethylborohydride ~20%
 morpholine borane n.d.	 4-methylmorpholine borane n.d.	 trimethylamine borane n.d.	 dicyclohexylamine borane n.d.

Fig. 2



B

Cytosine modification in Oligo	Conversion to DHU
C	0%
5mC	0%
5hmC	0%
5fC	97.6±0.1%
5caC	98.1±0.6%



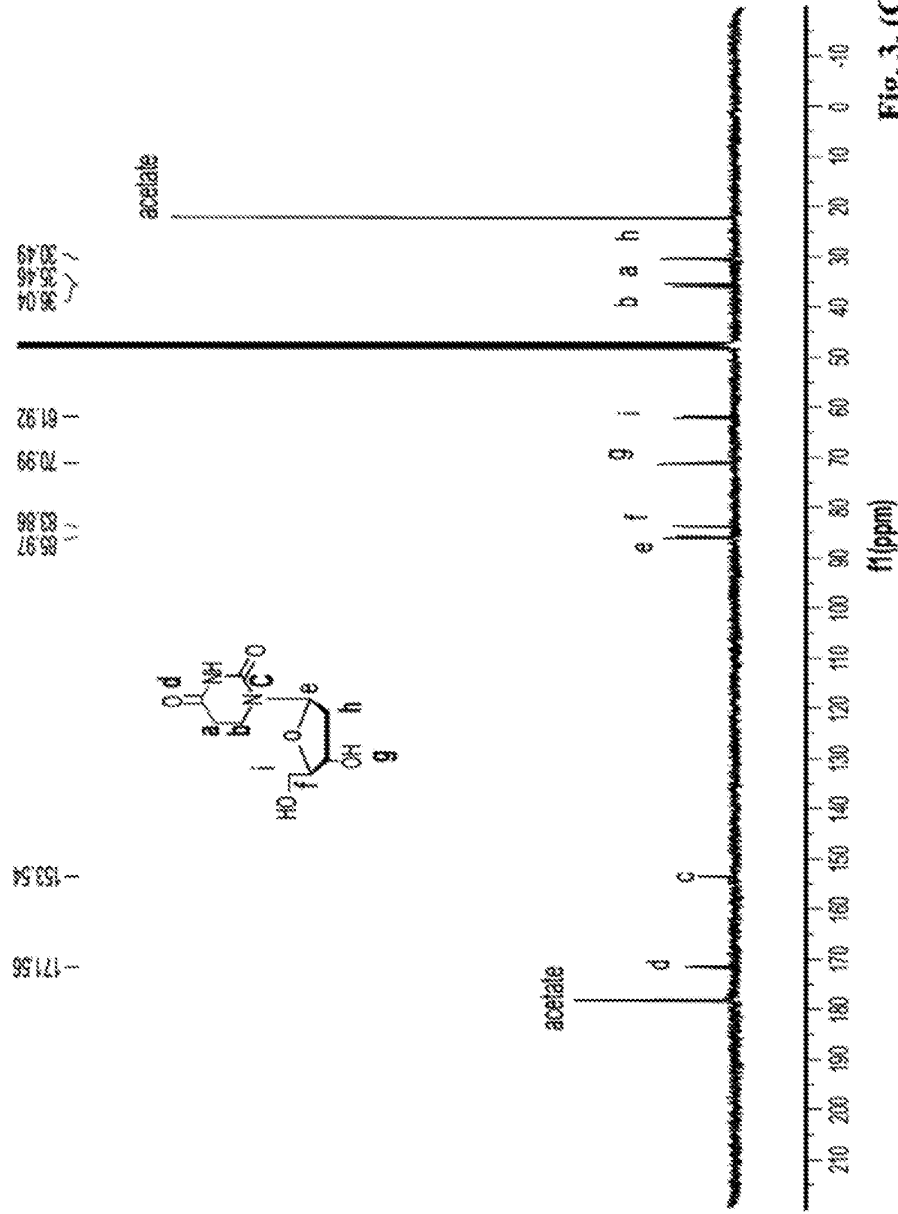


Fig. 3. (Cont.)

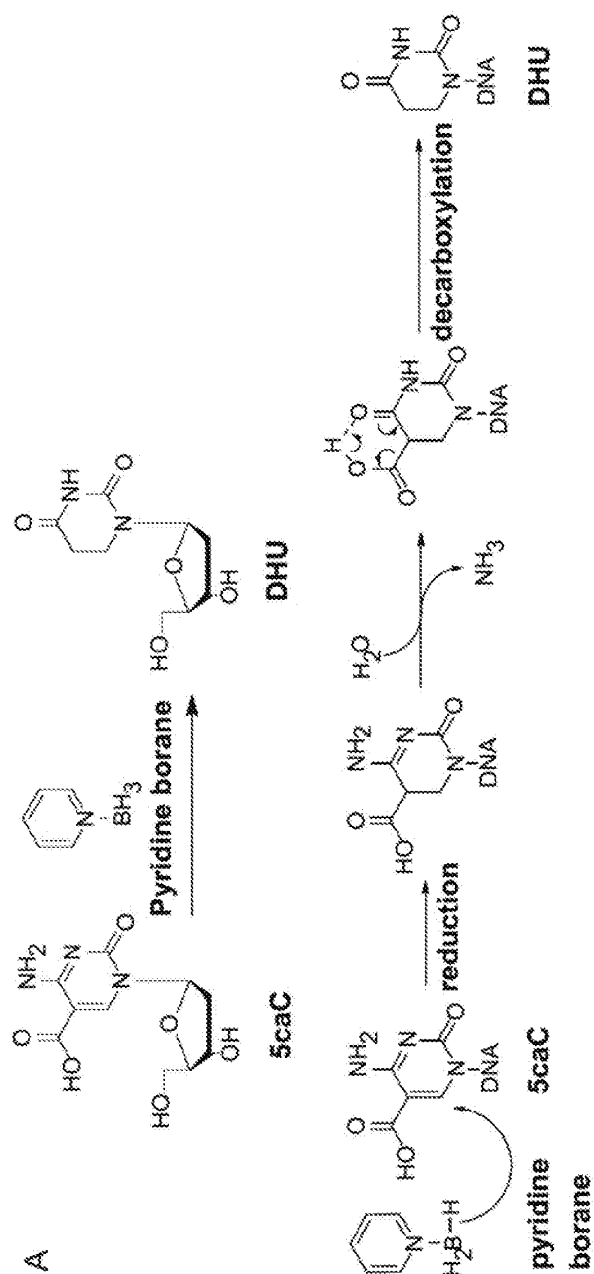


Fig. 4

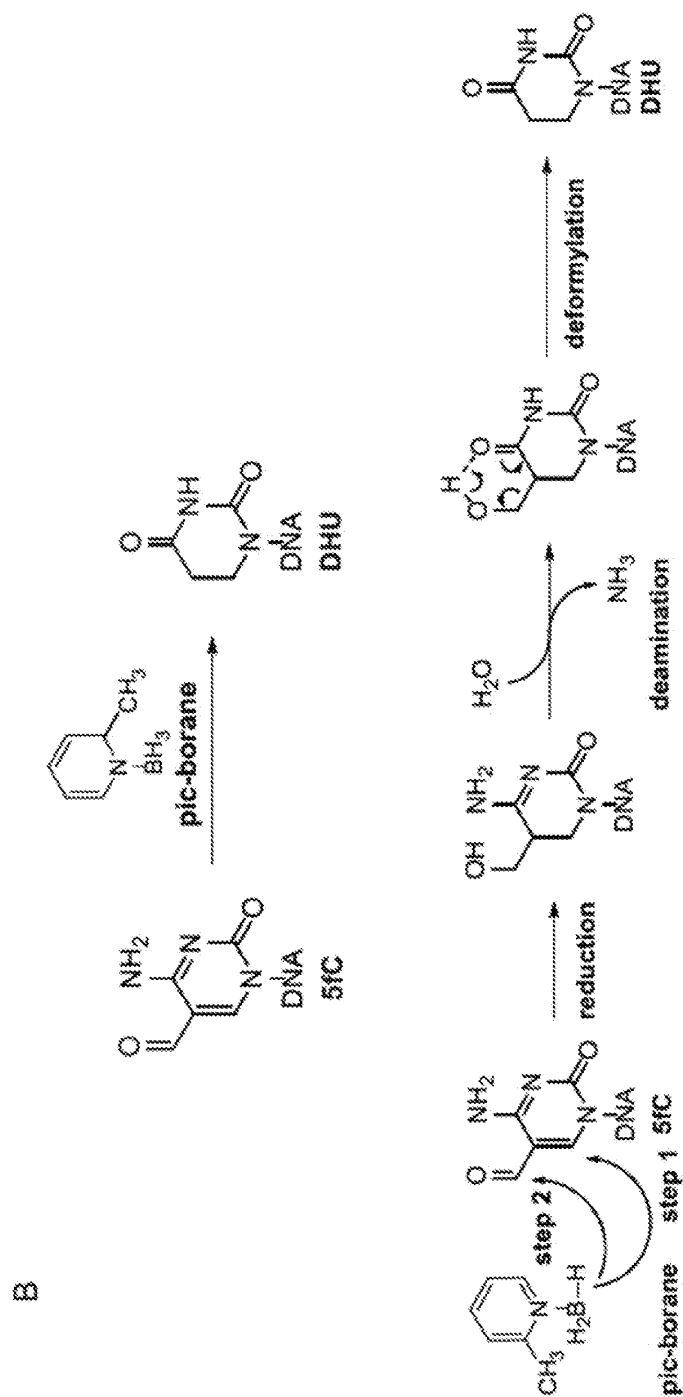
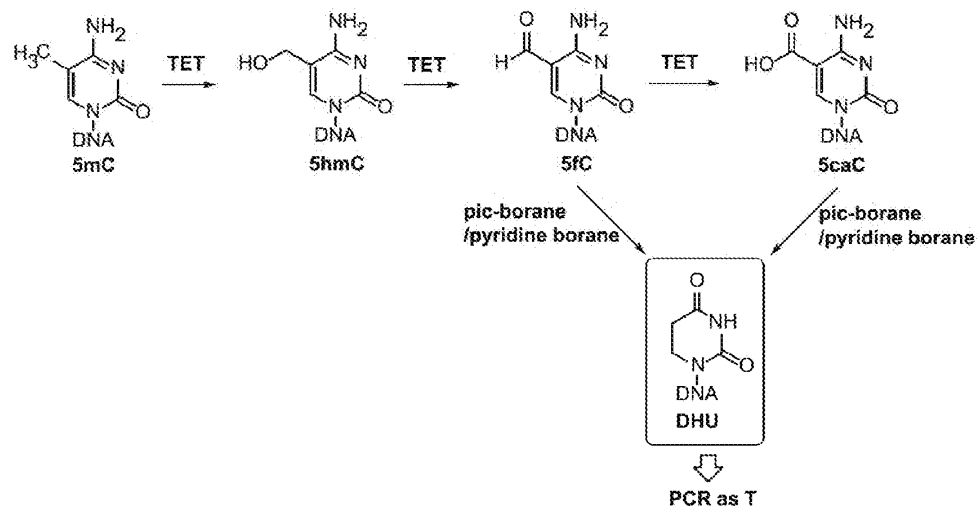
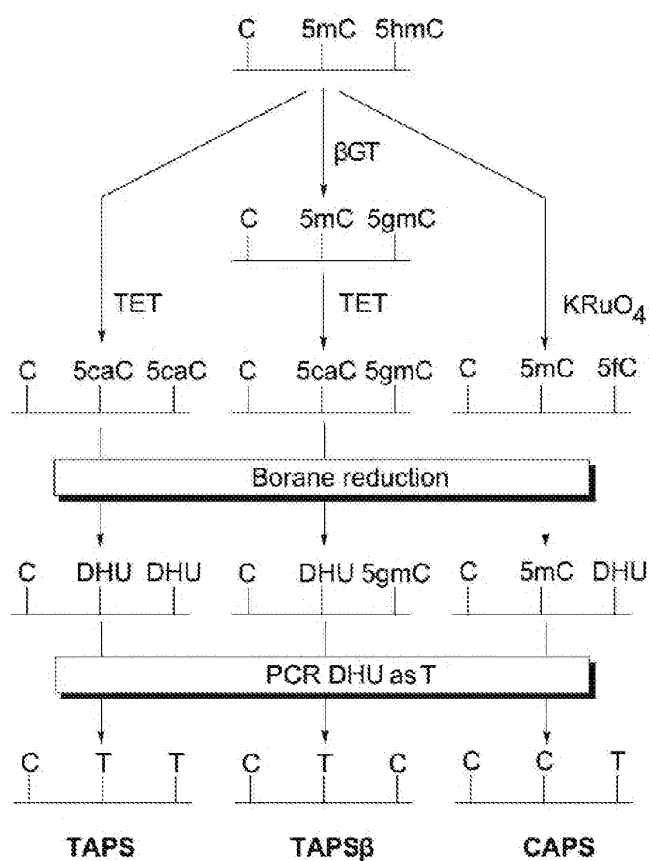


Fig. 4 (Cont.)

A.**B.****Fig. 5**

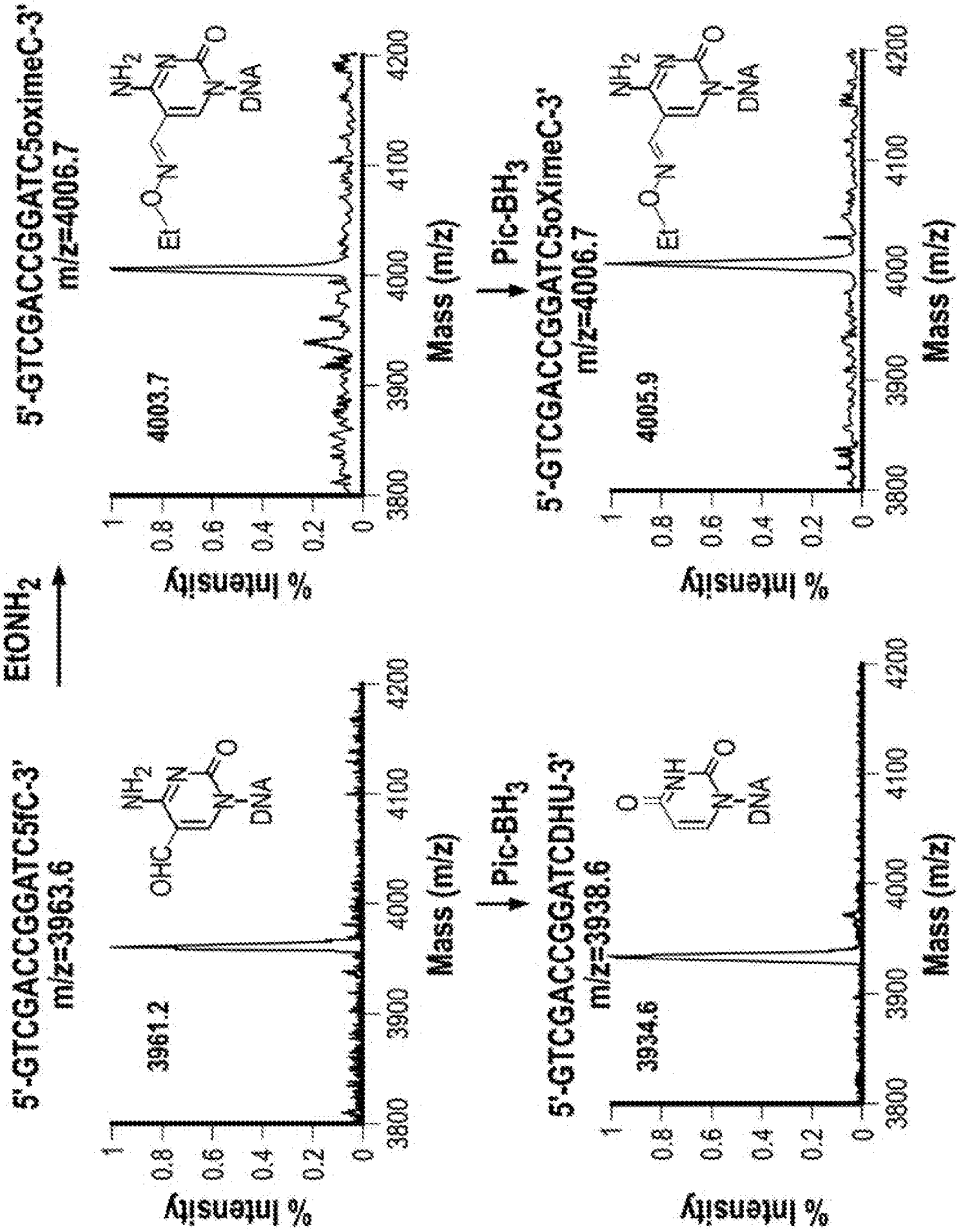
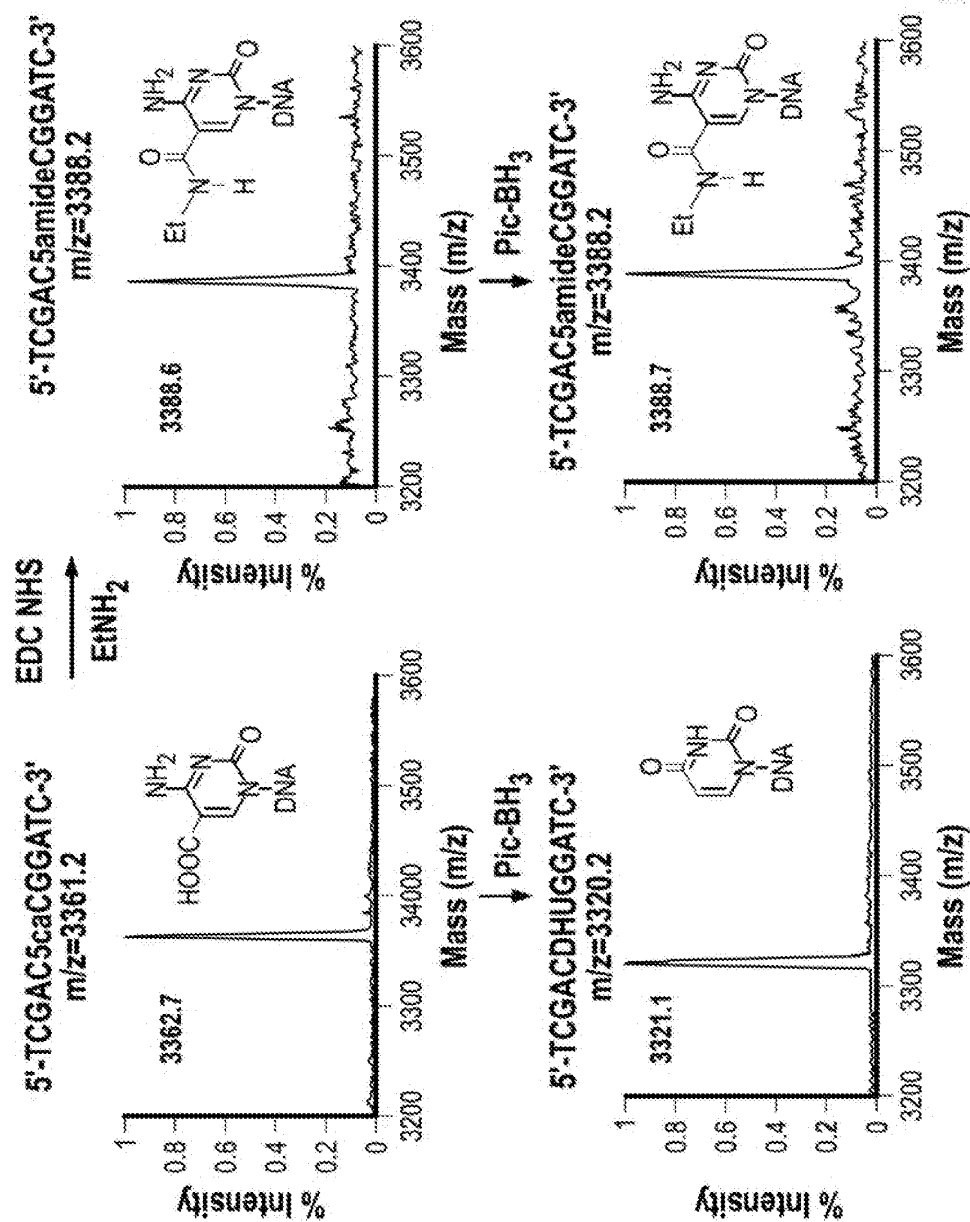
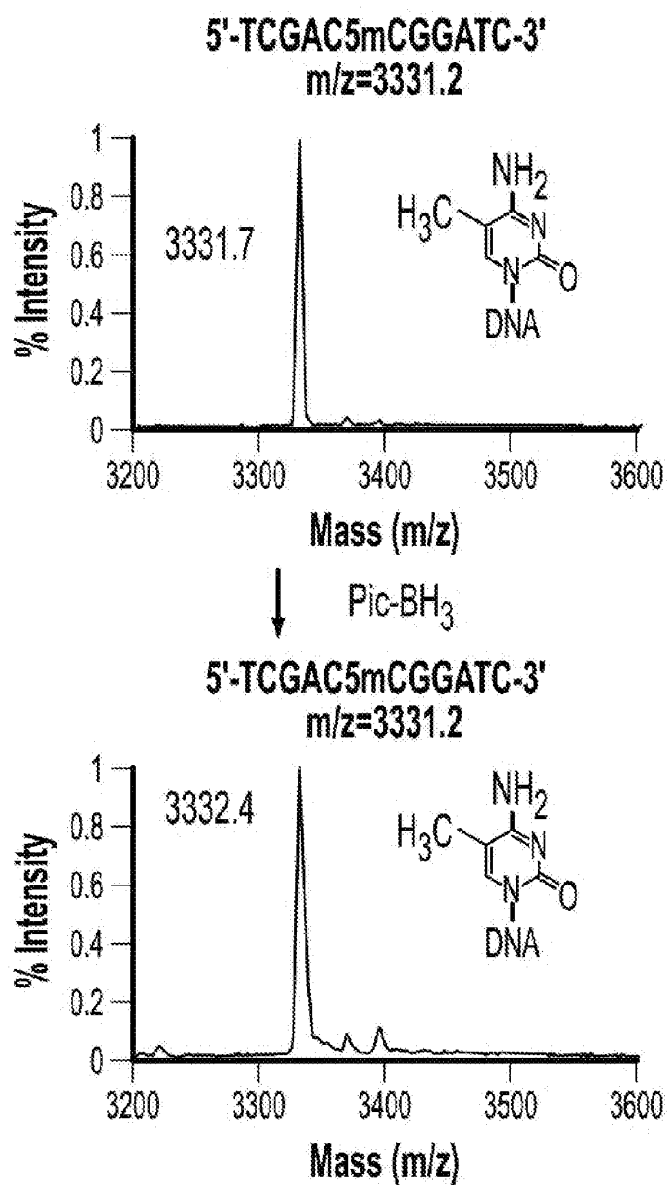


Fig. 6.



**Fig. 7.**

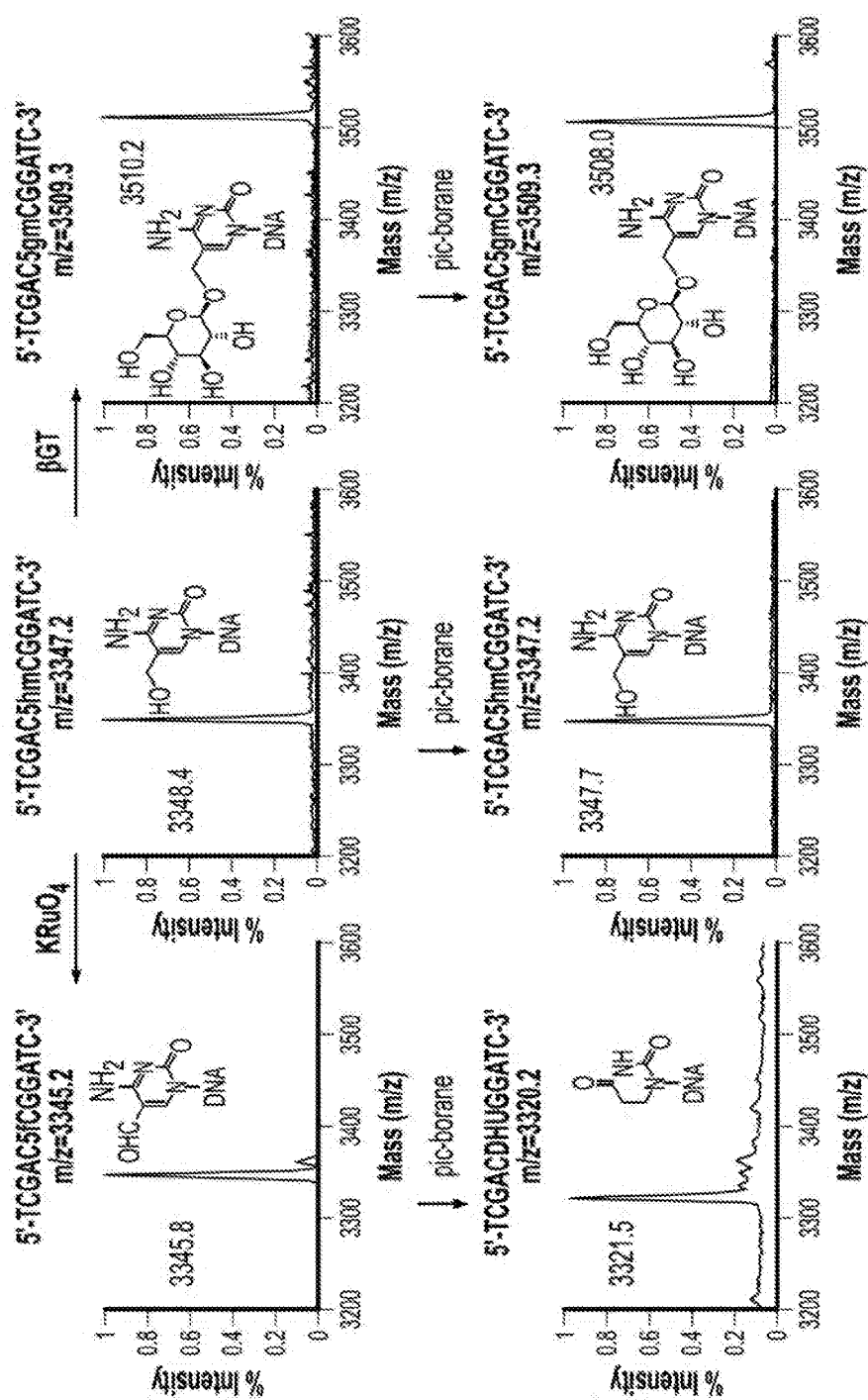
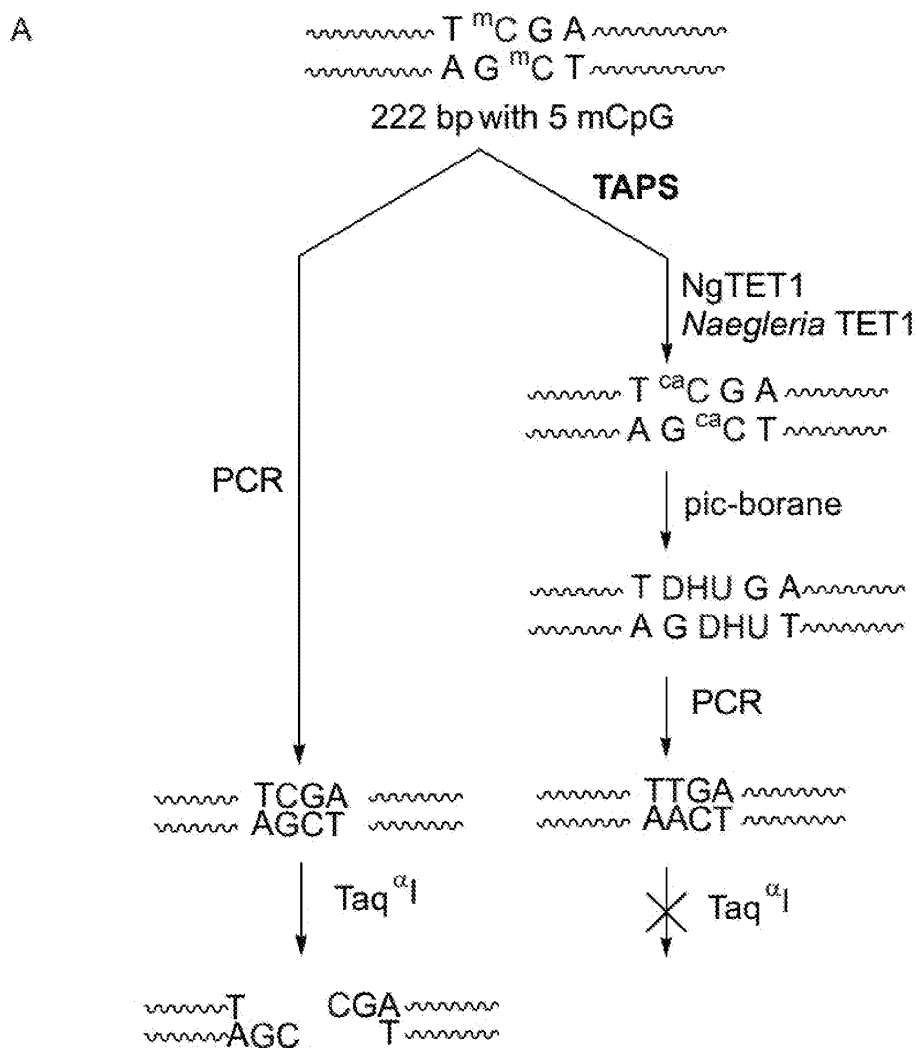


Fig. 7. (Cont.)



B

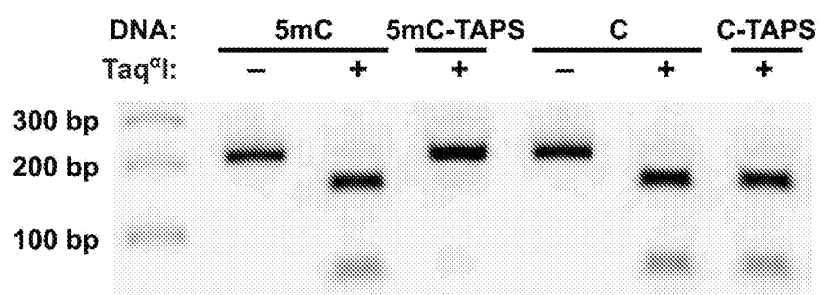
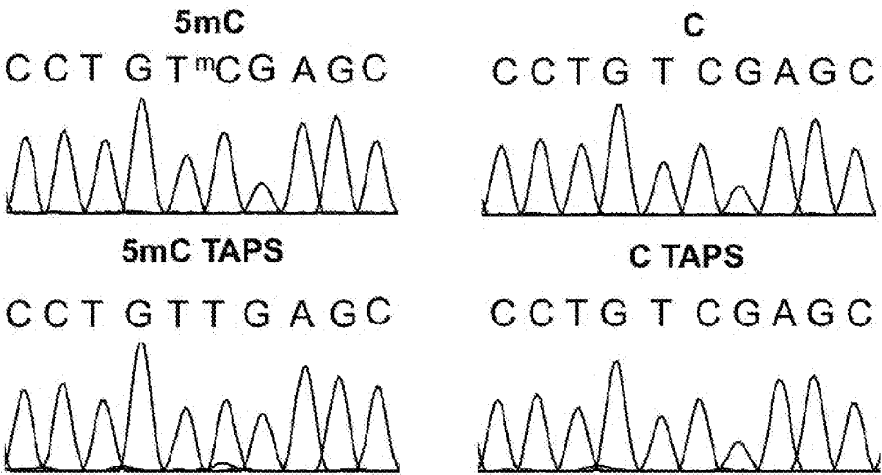


Fig. 8.

A.



B.

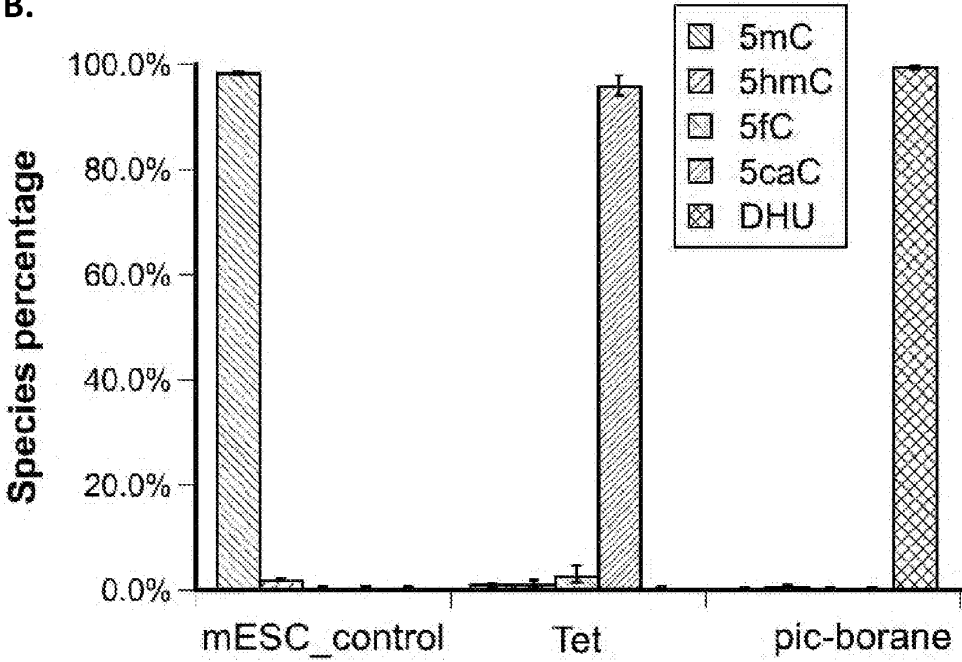


Fig. 9.

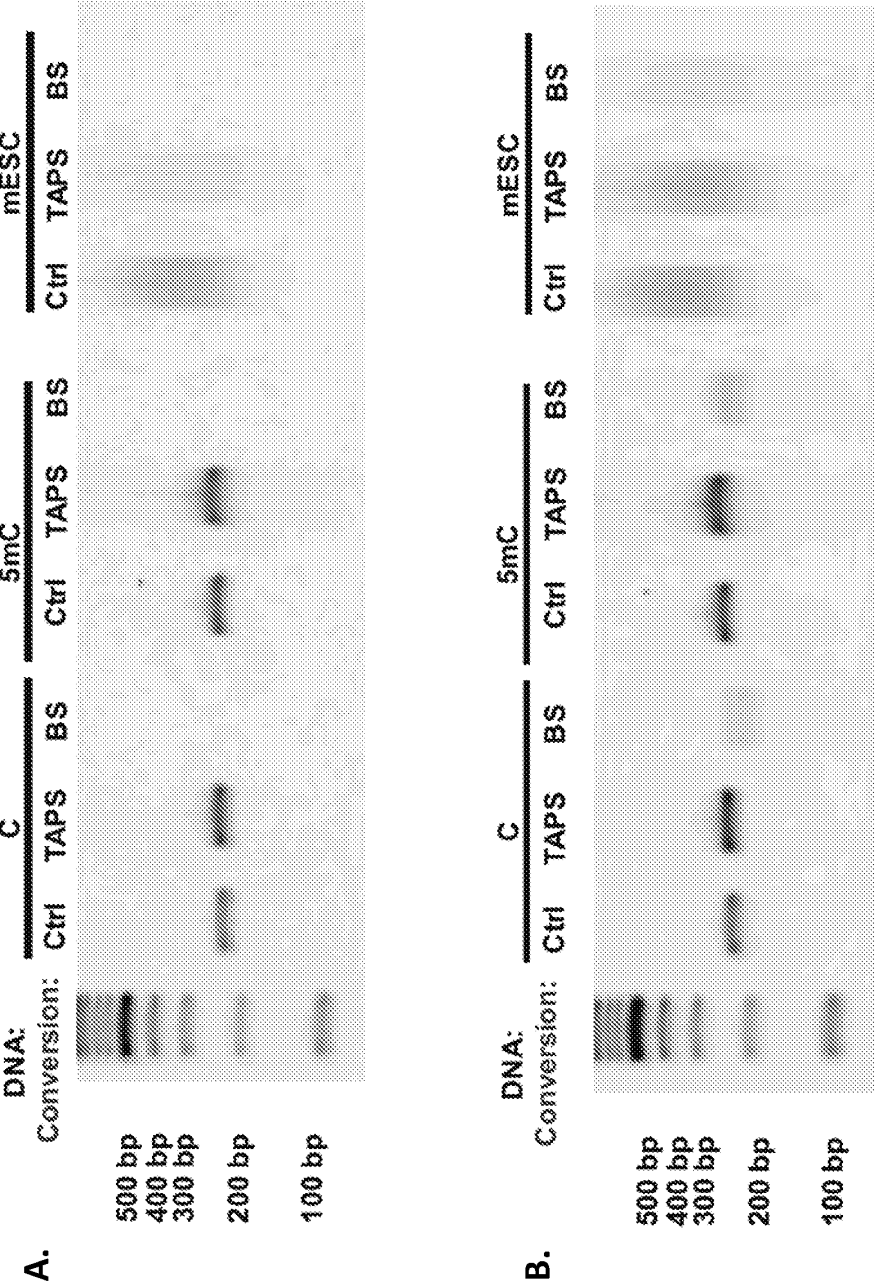


Fig. 10.

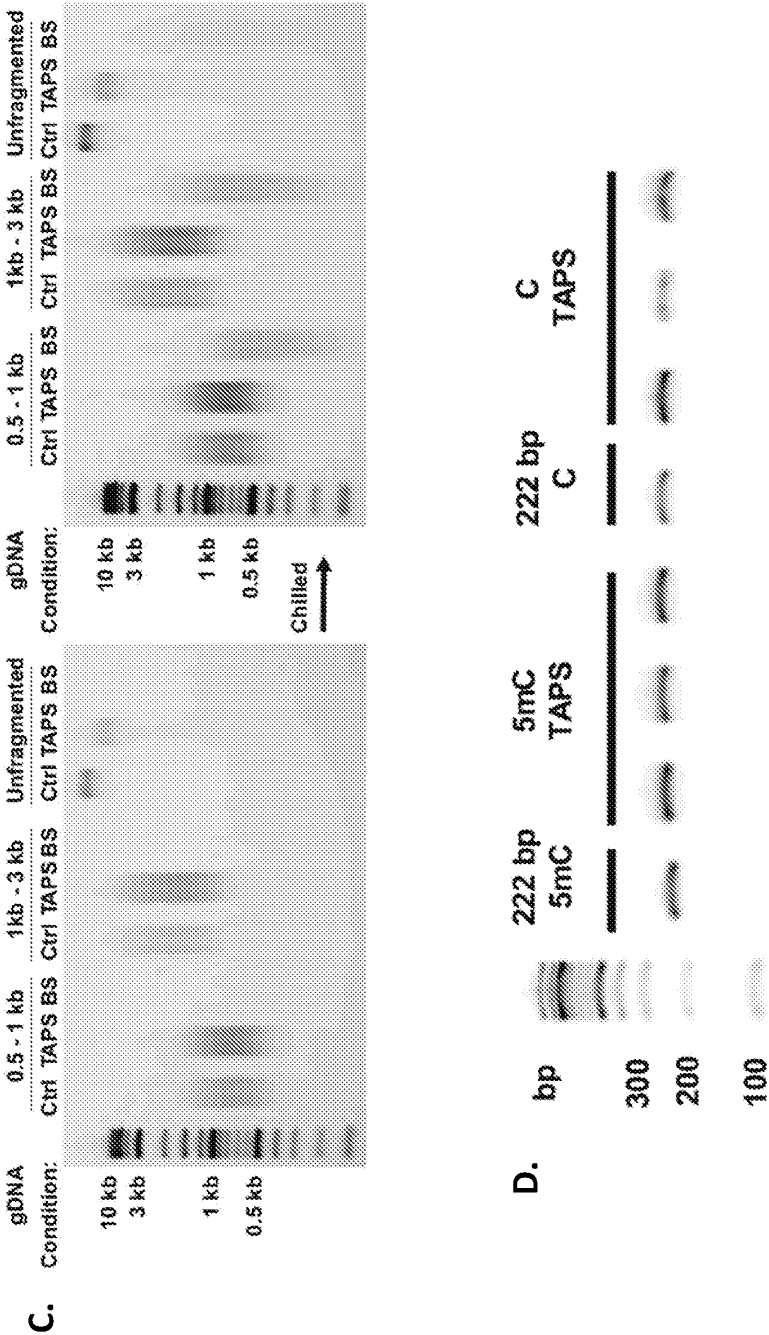


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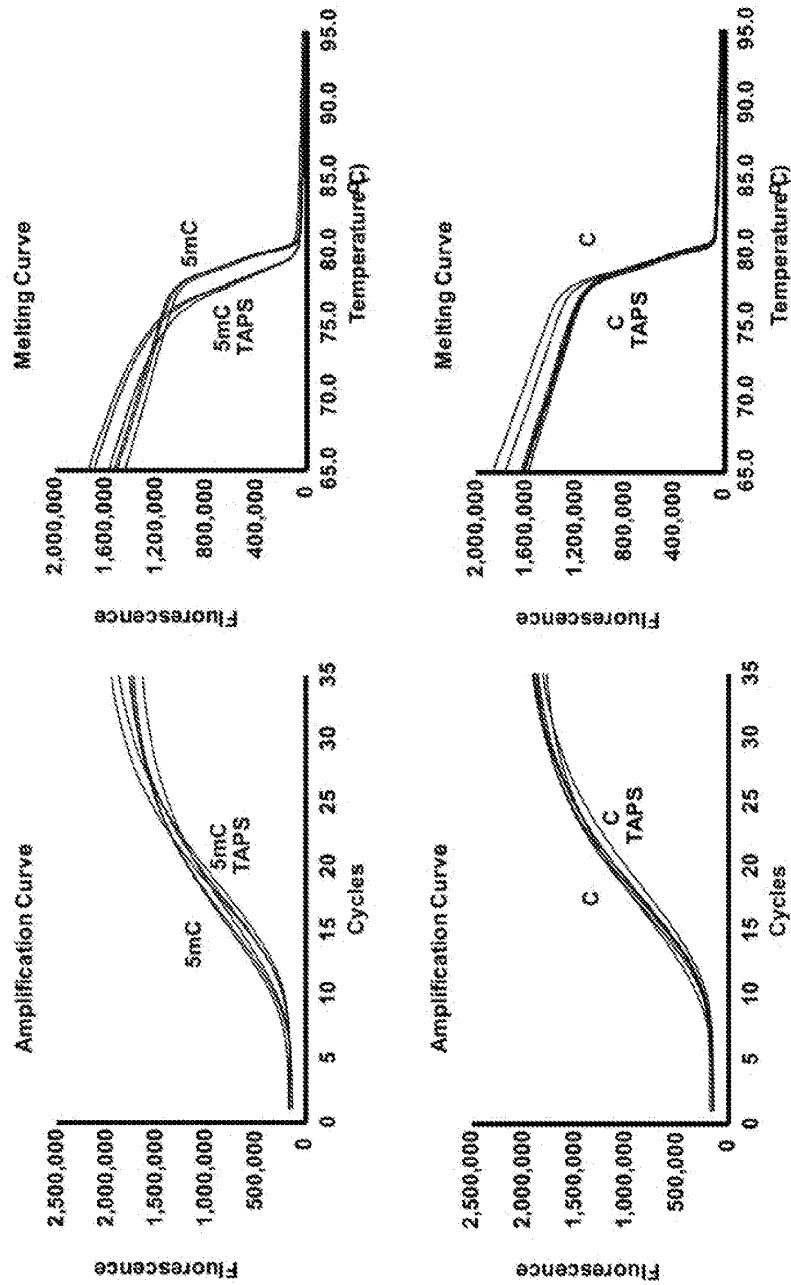


Fig. 11.

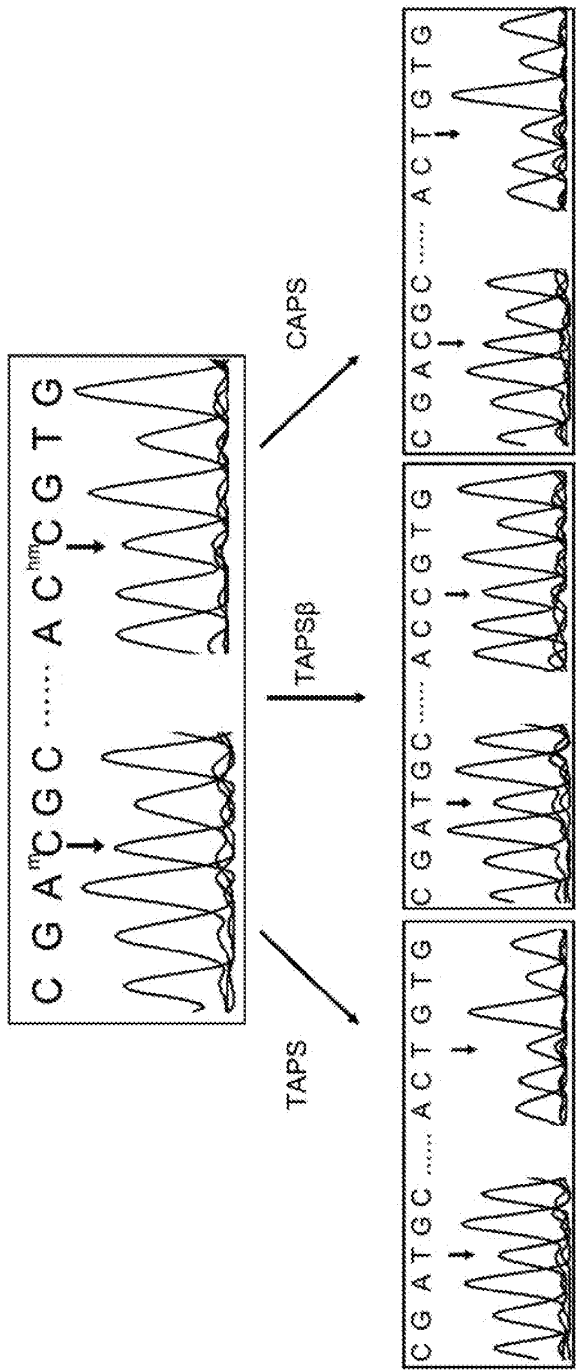


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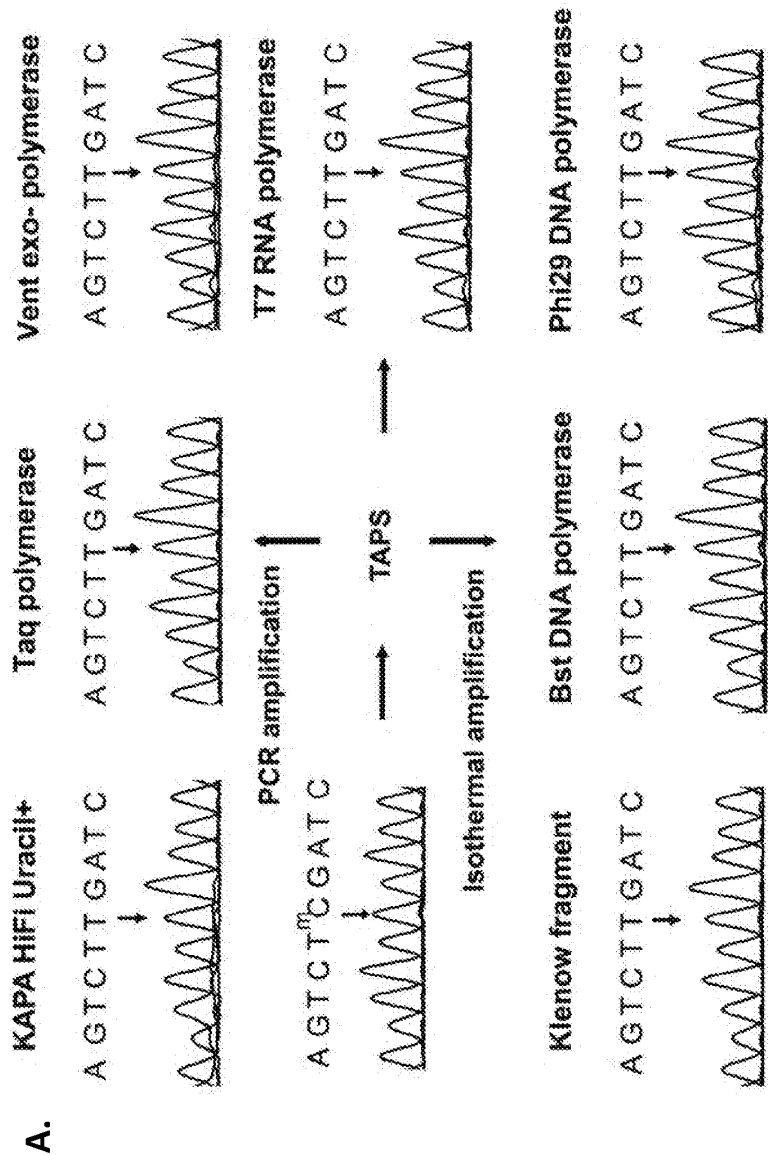


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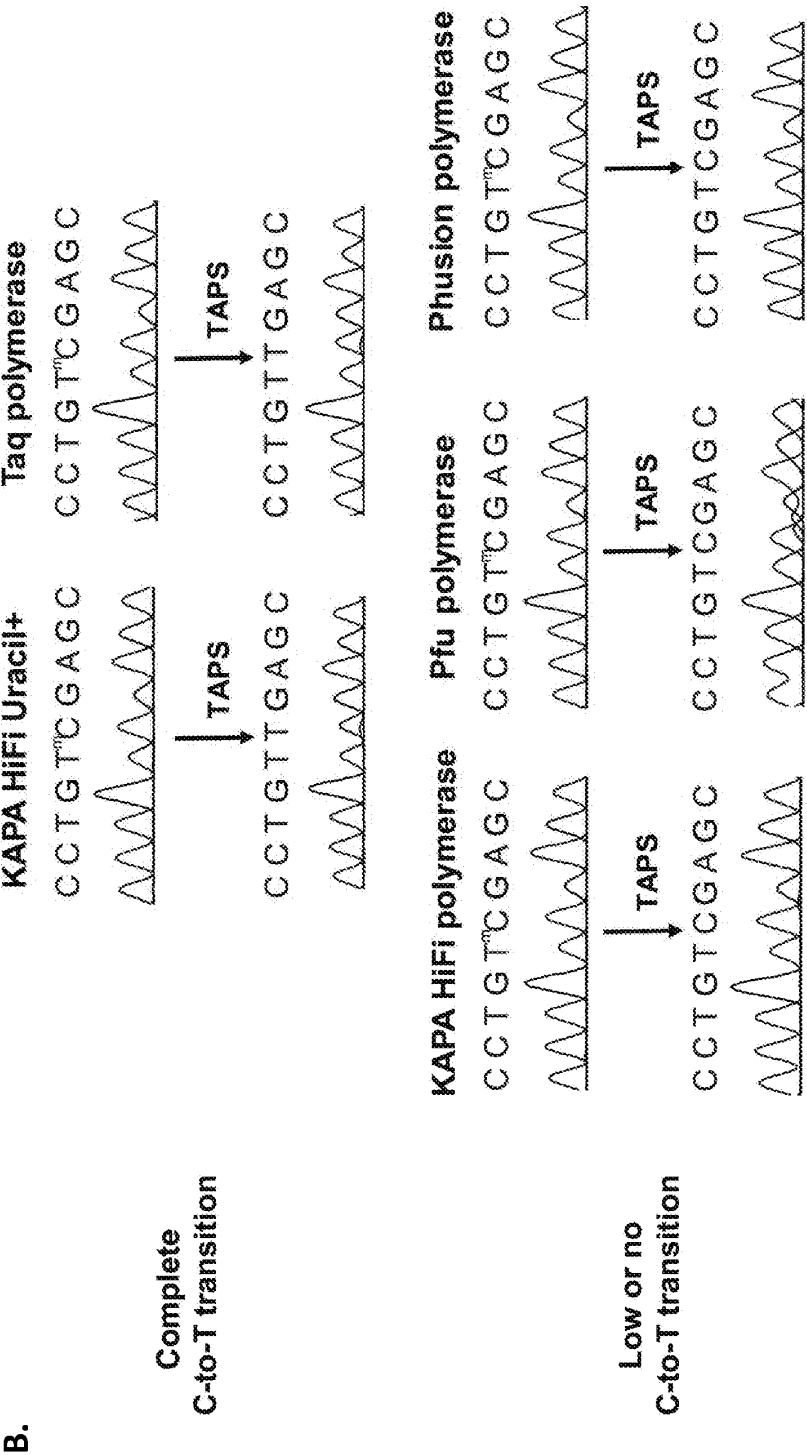


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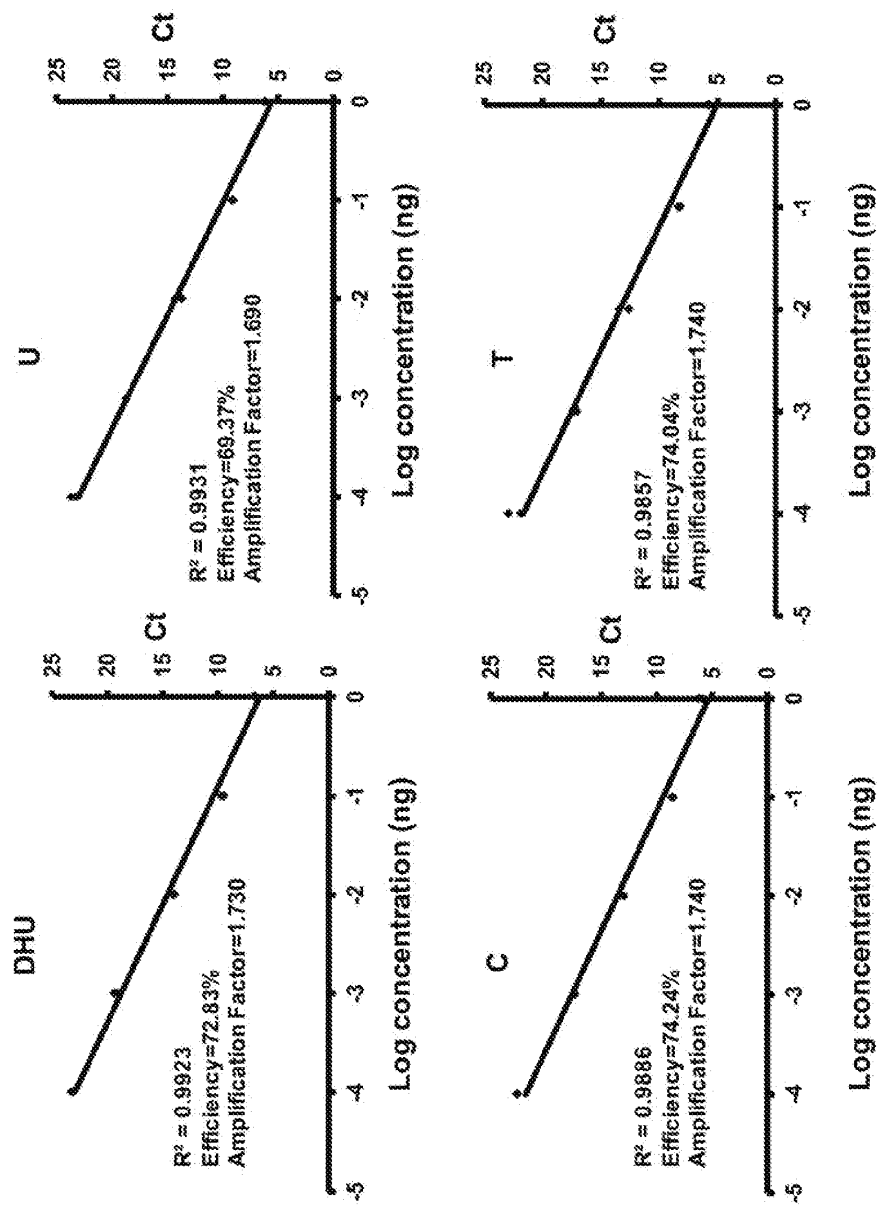


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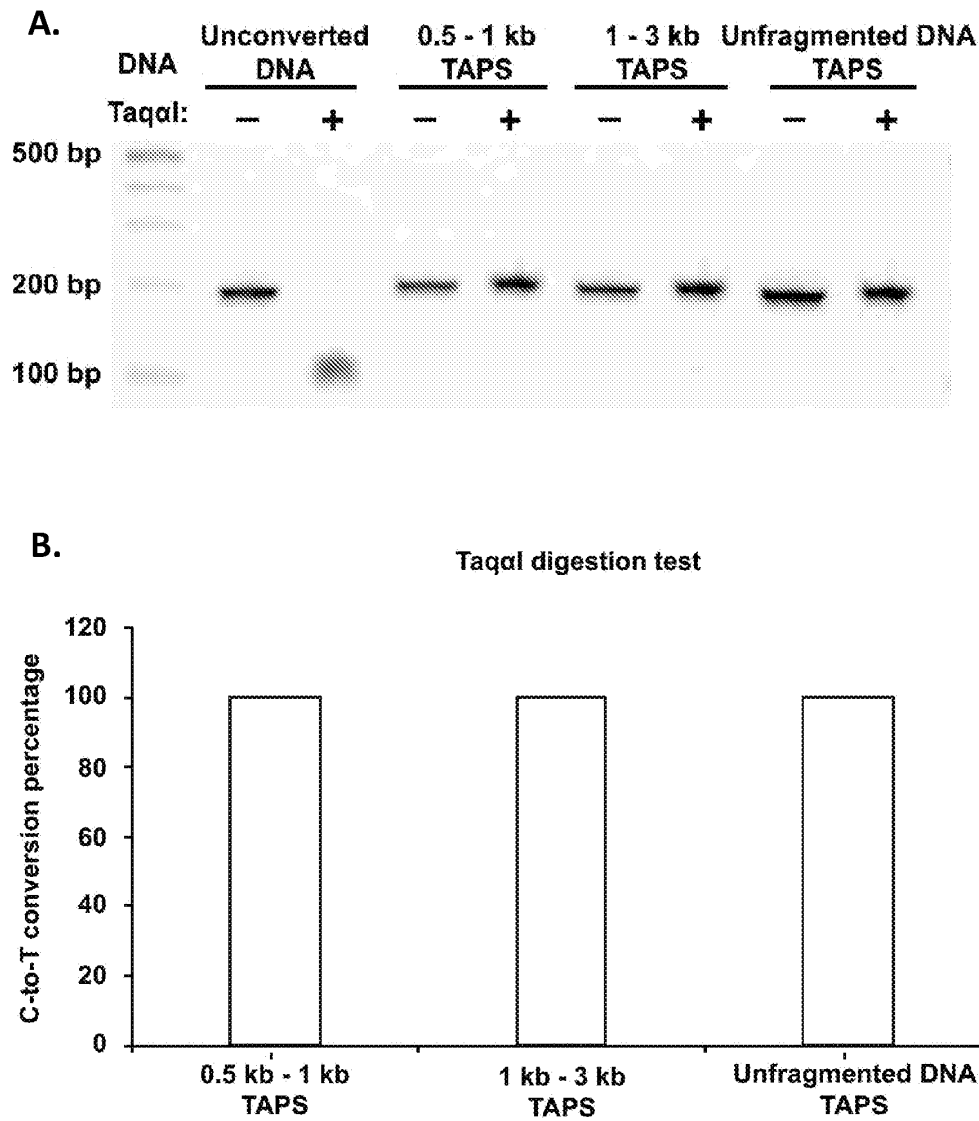


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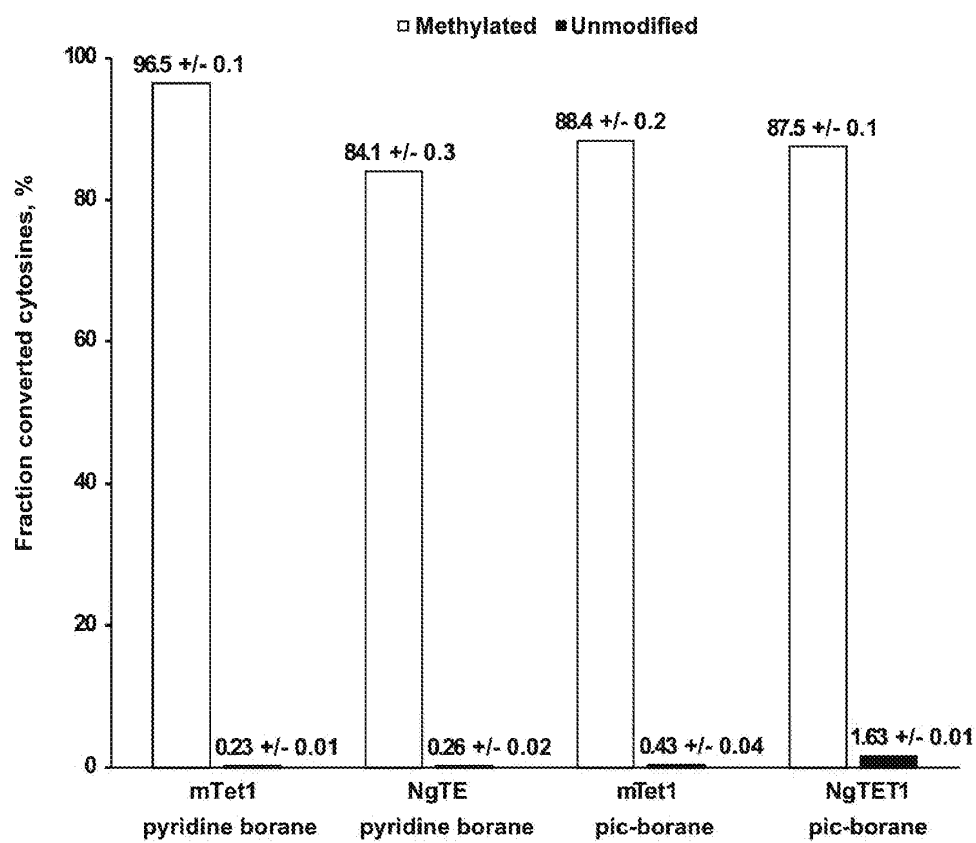


Fig. 16.



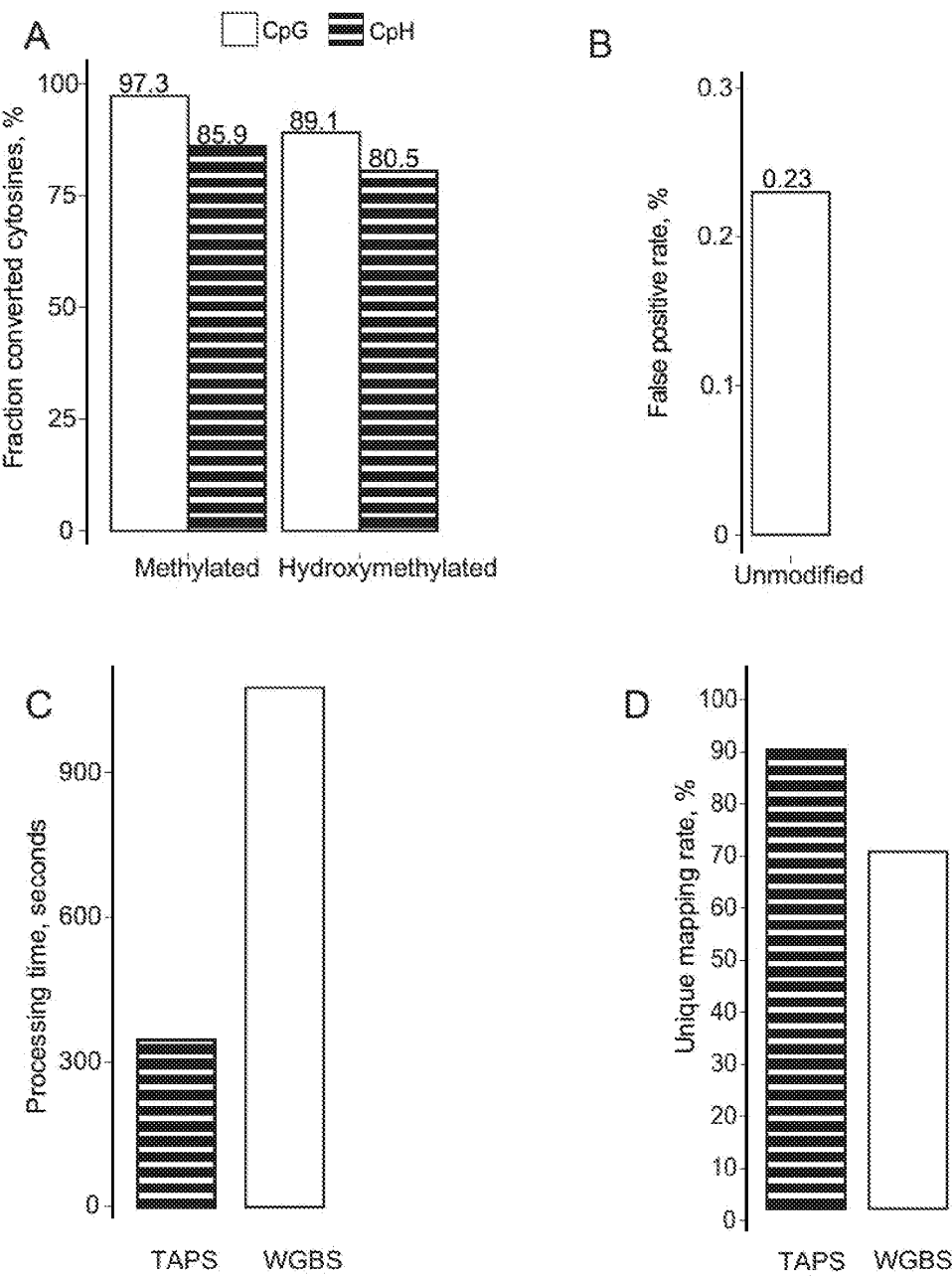


Fig. 18.

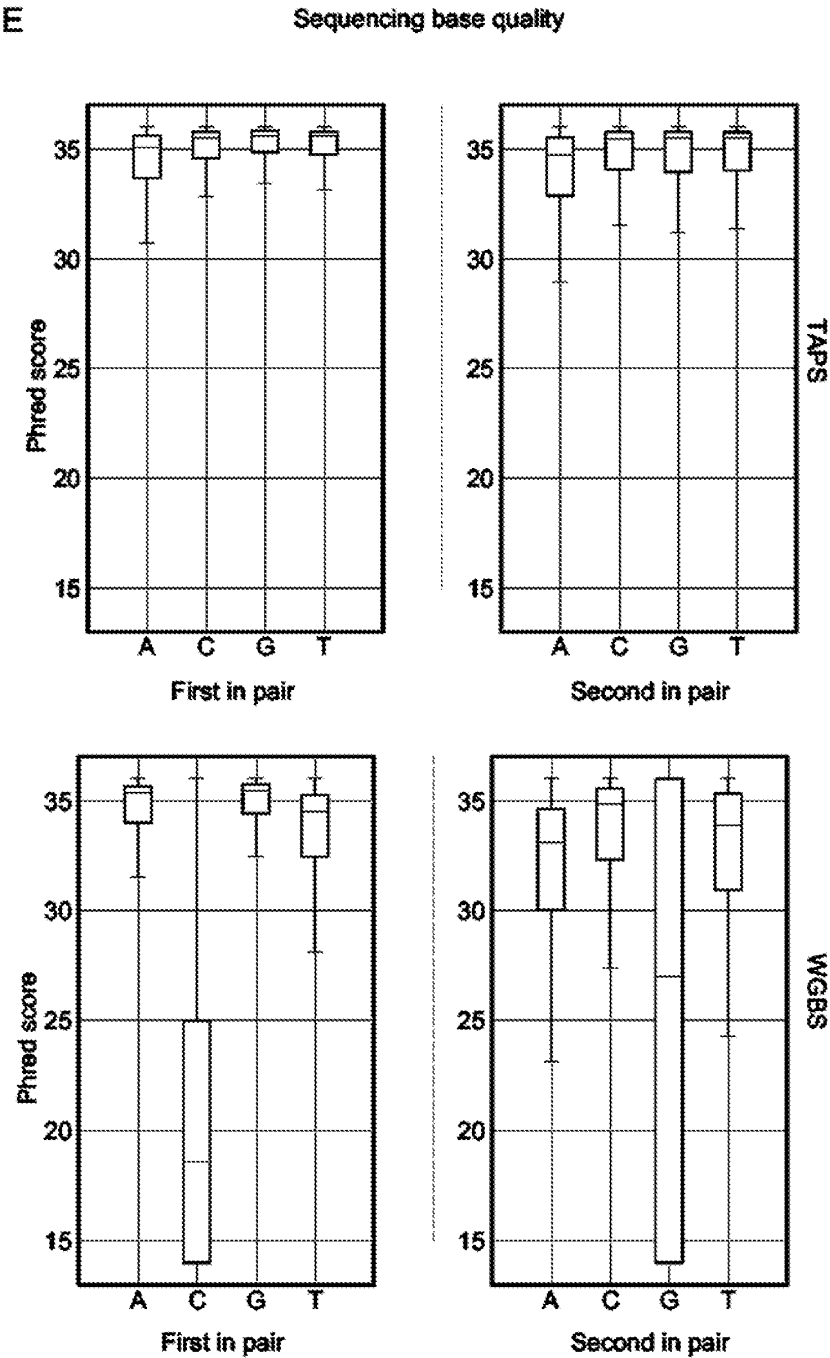


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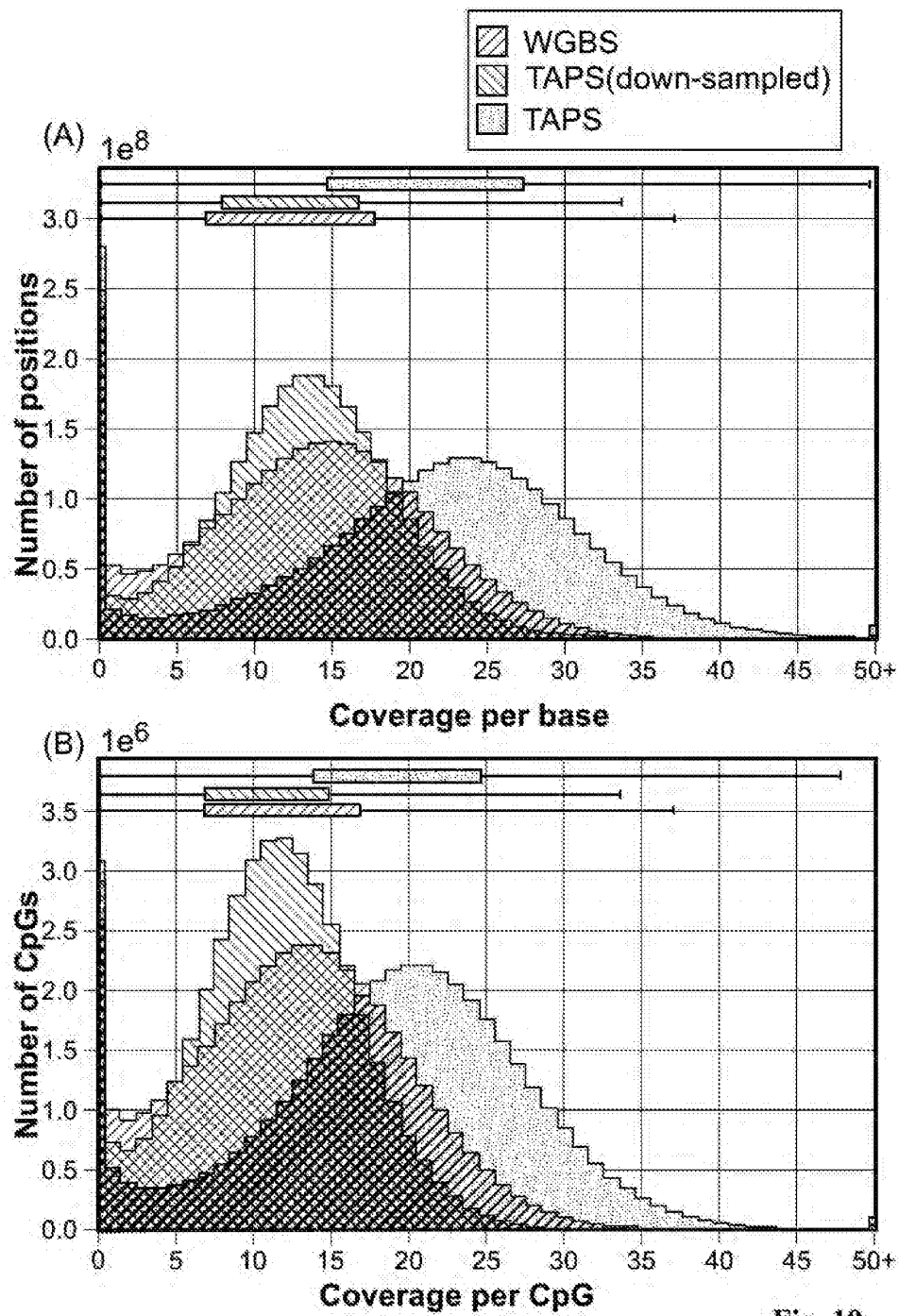


Fig. 19.

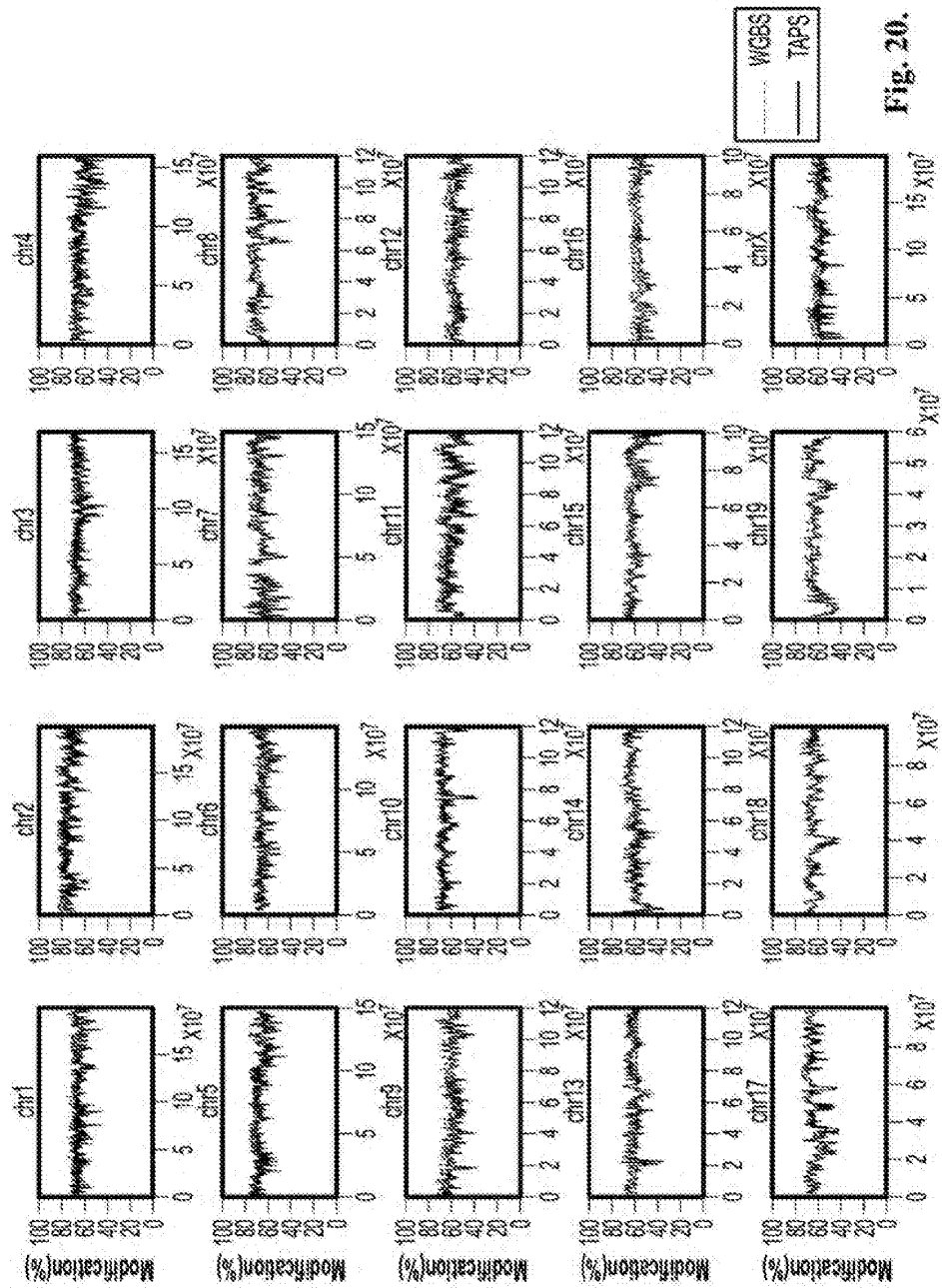


Fig. 20.

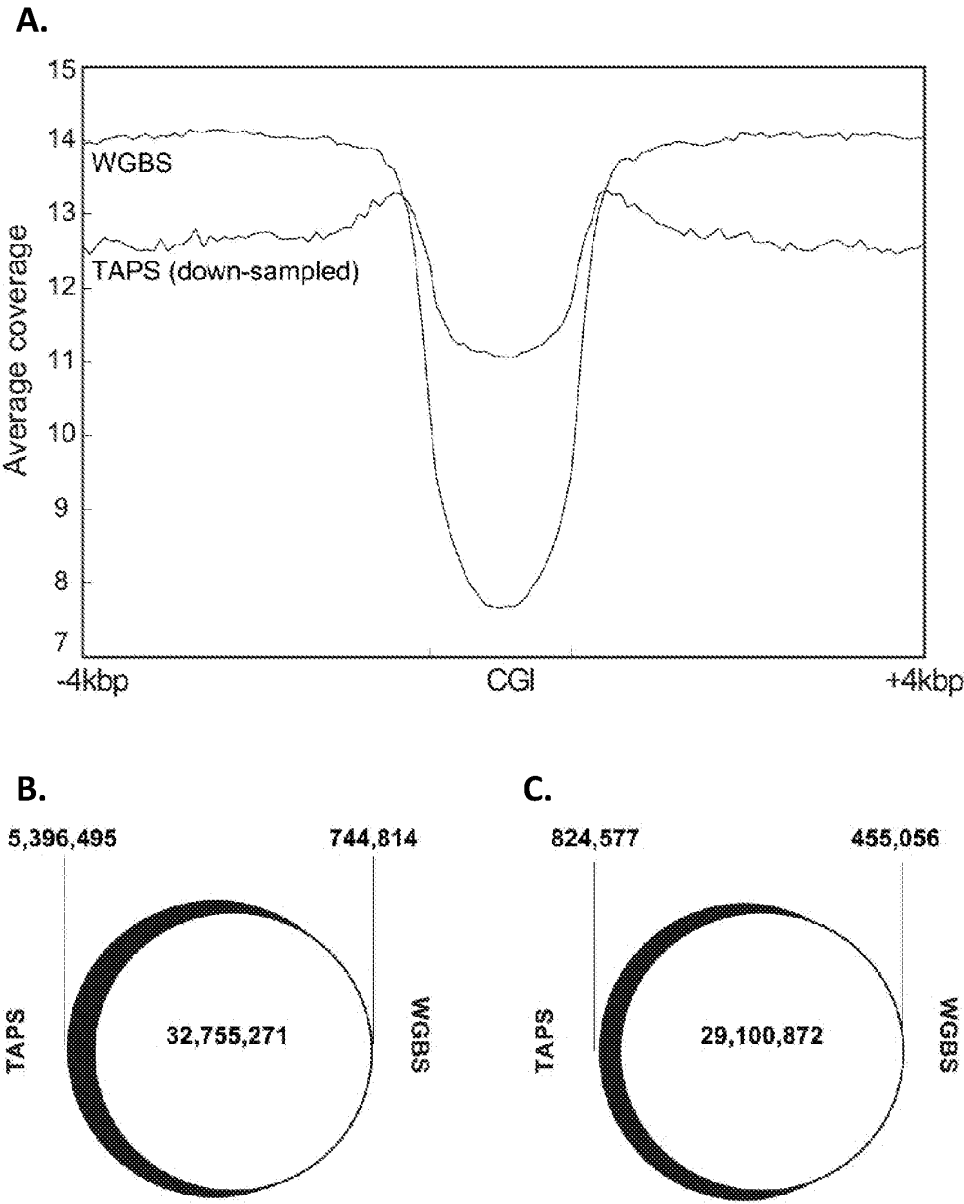


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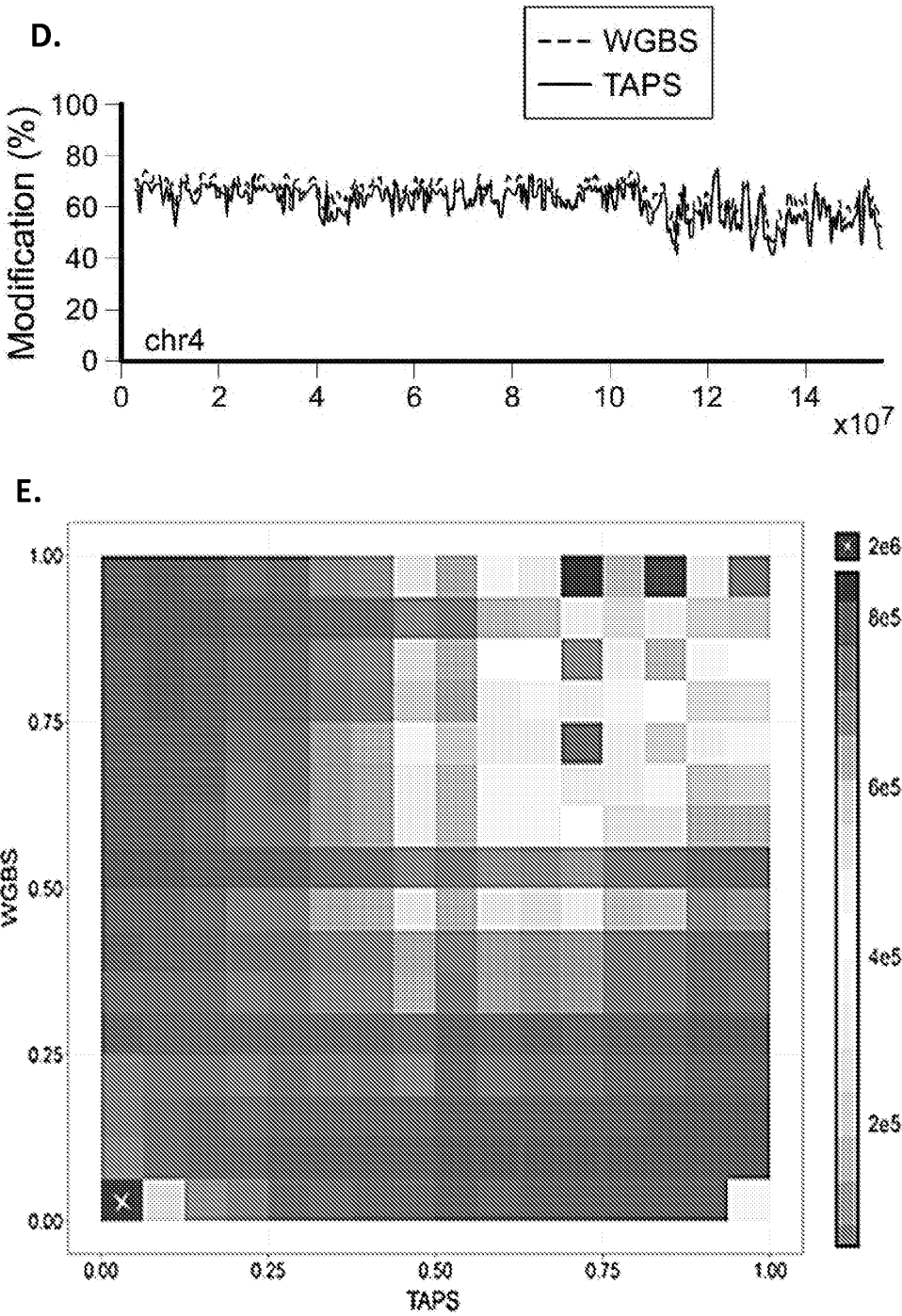


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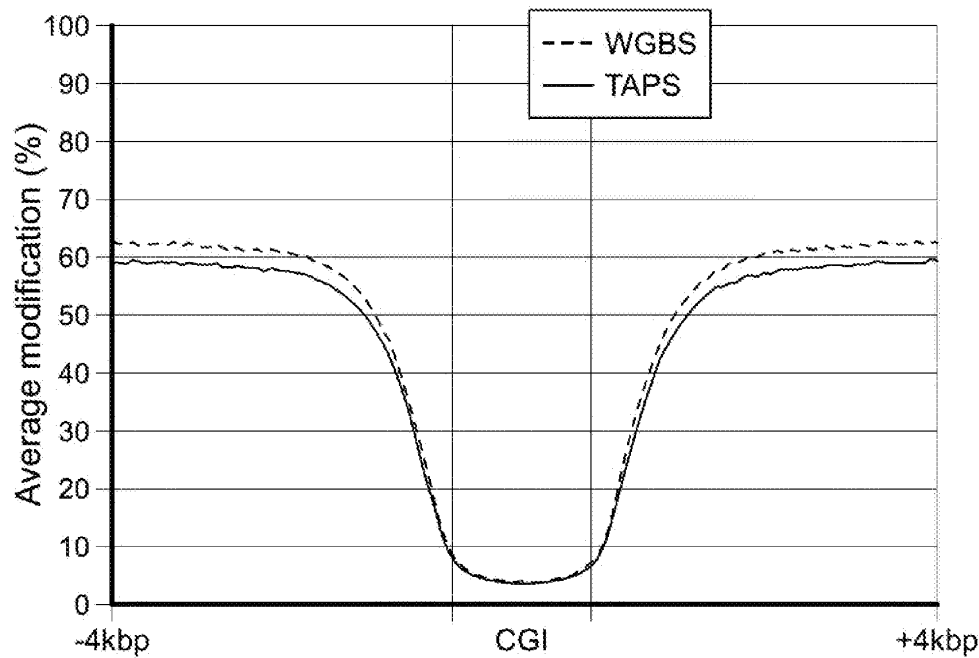


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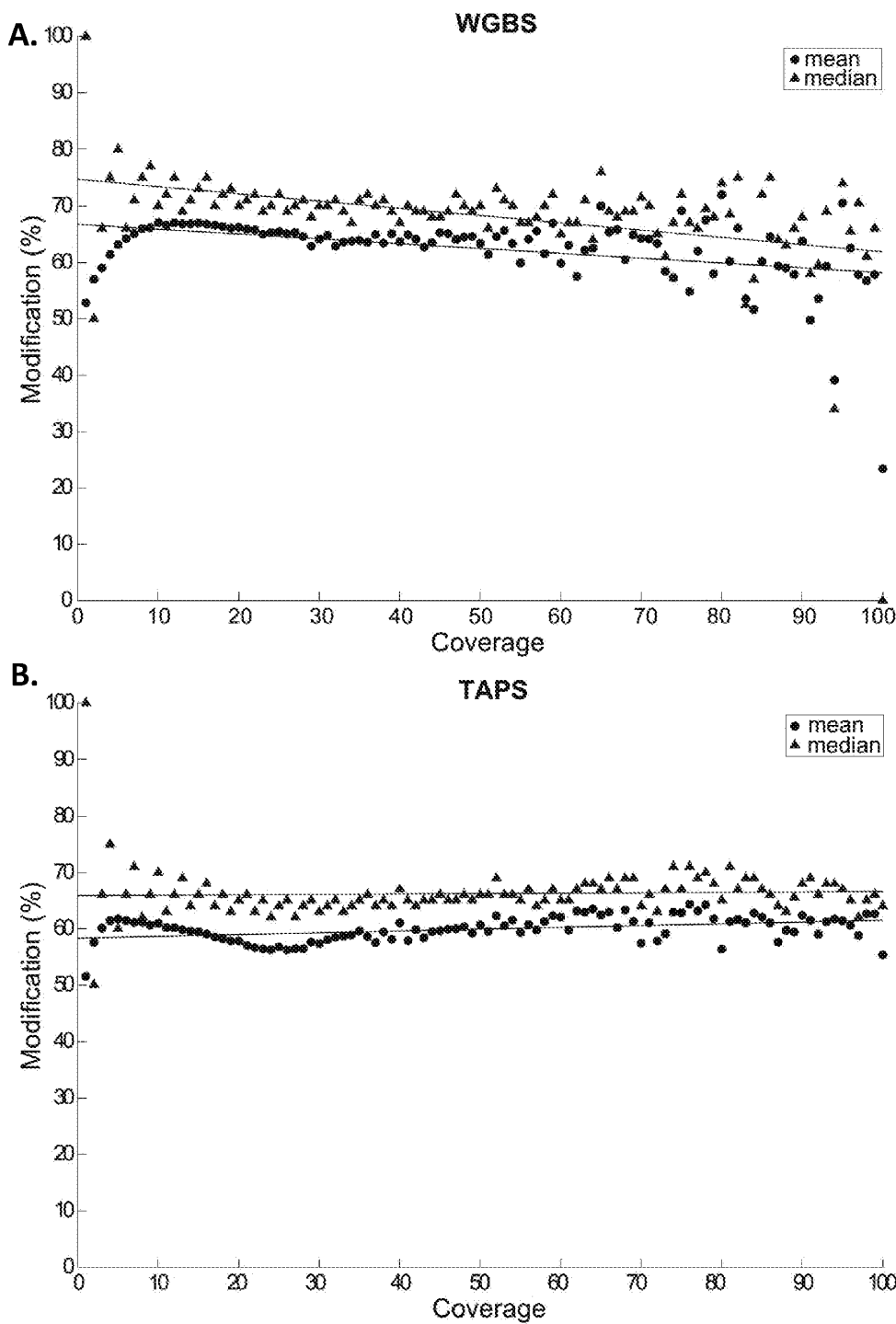


Fig. 23.

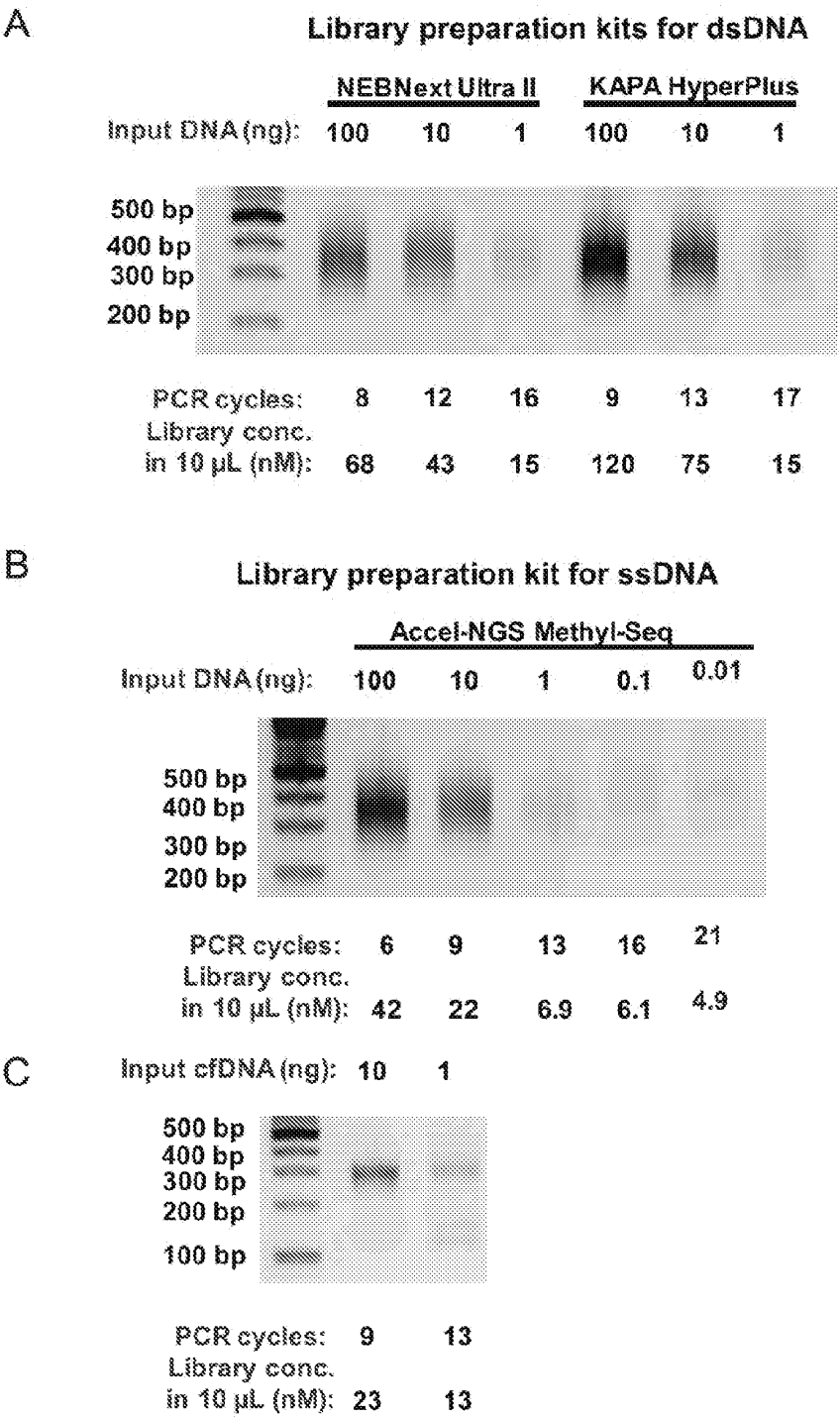


Fig. 24.

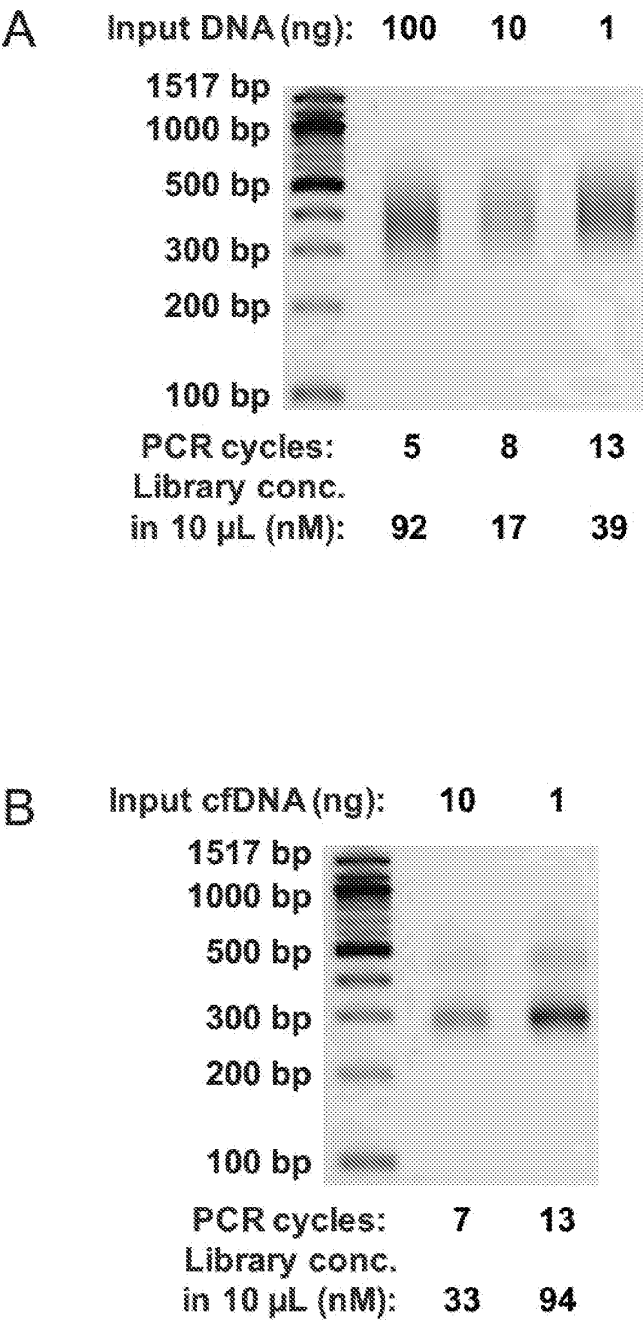


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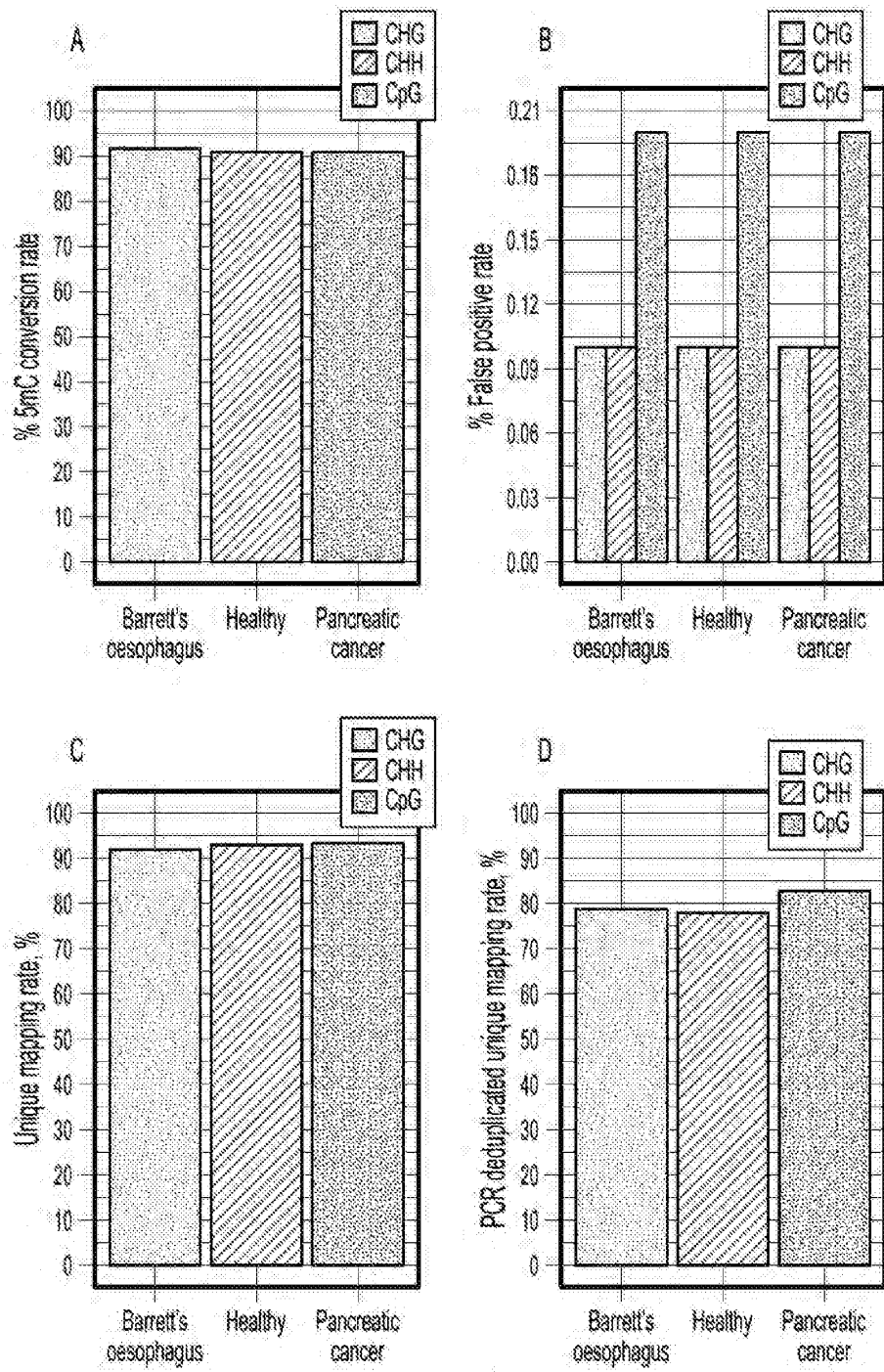


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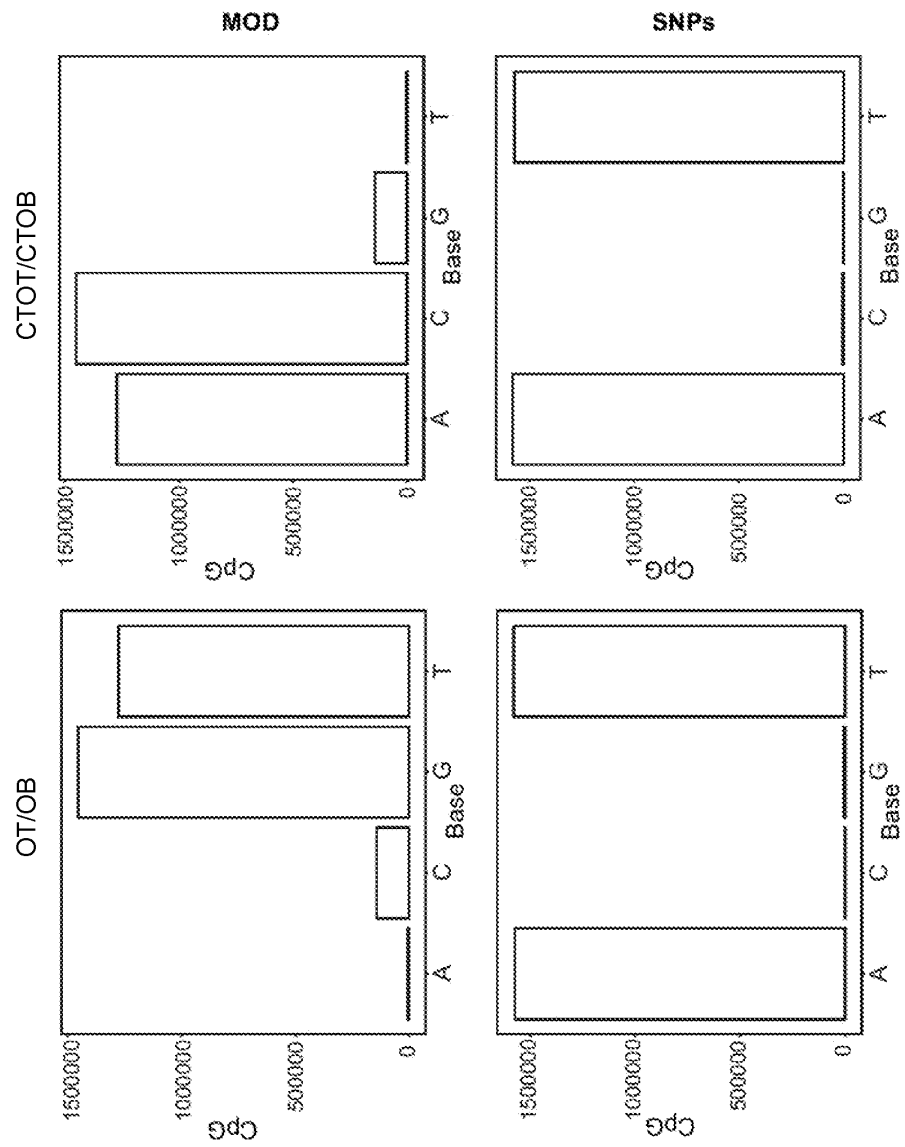


Fig. 27.

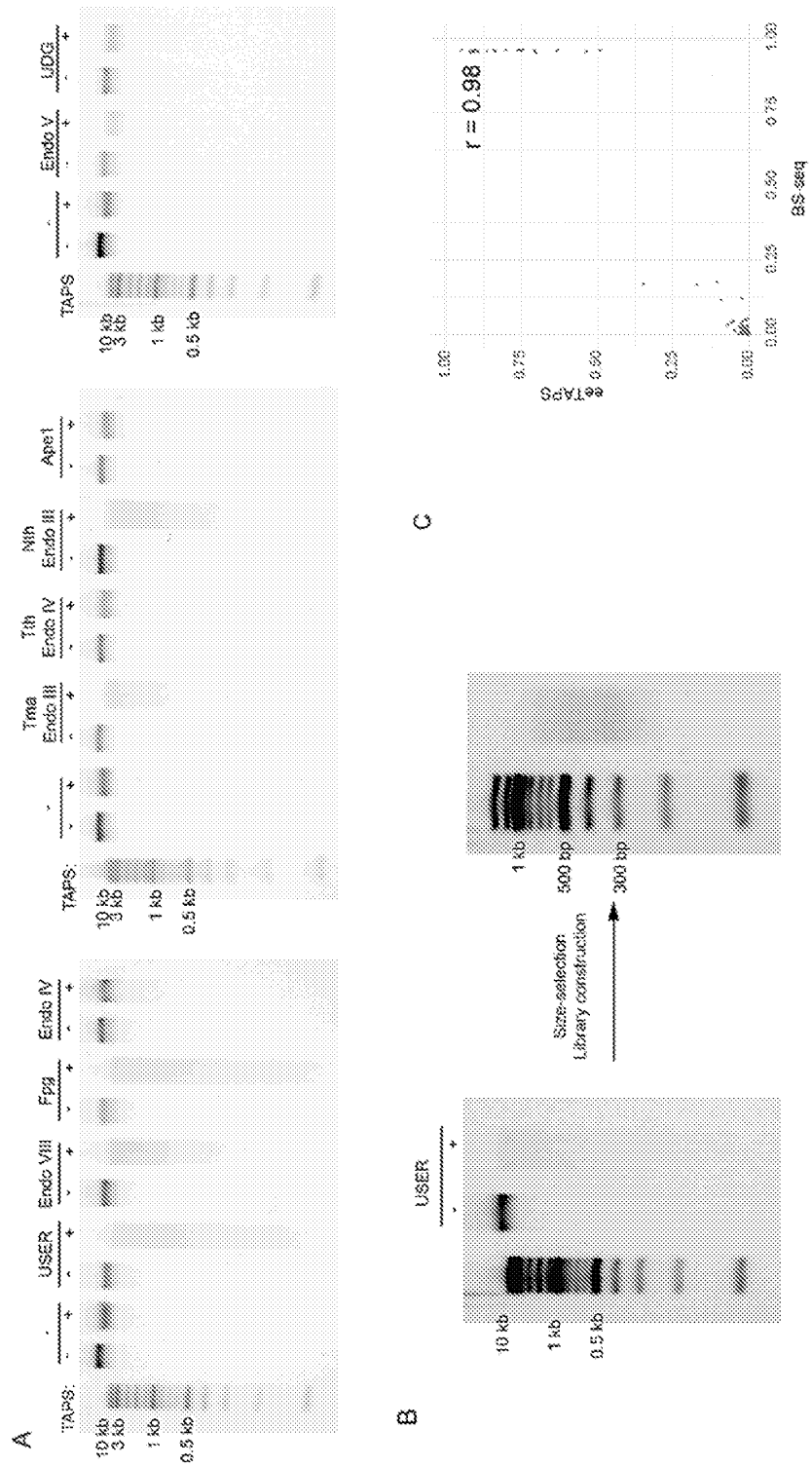


Fig. 28

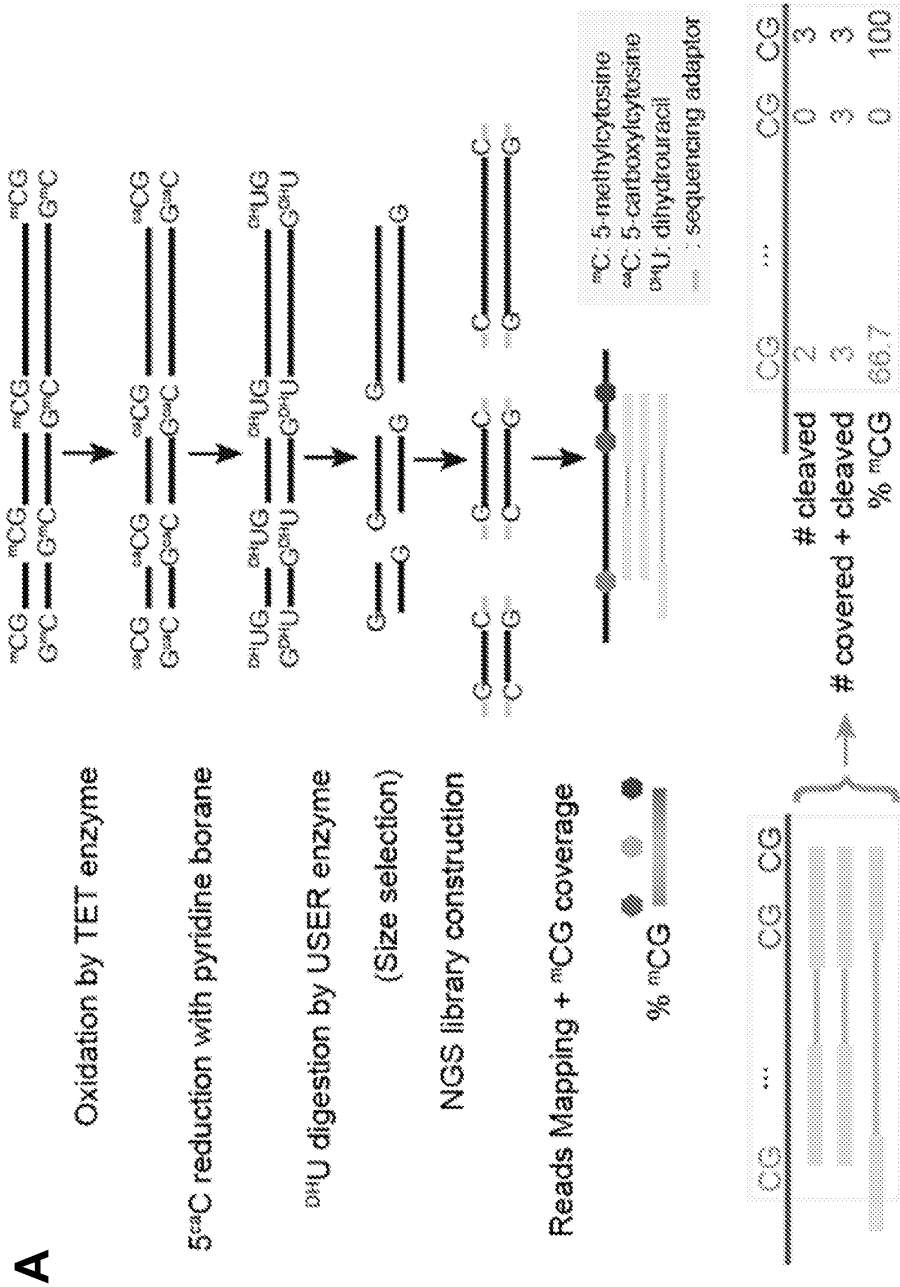


Fig. 29

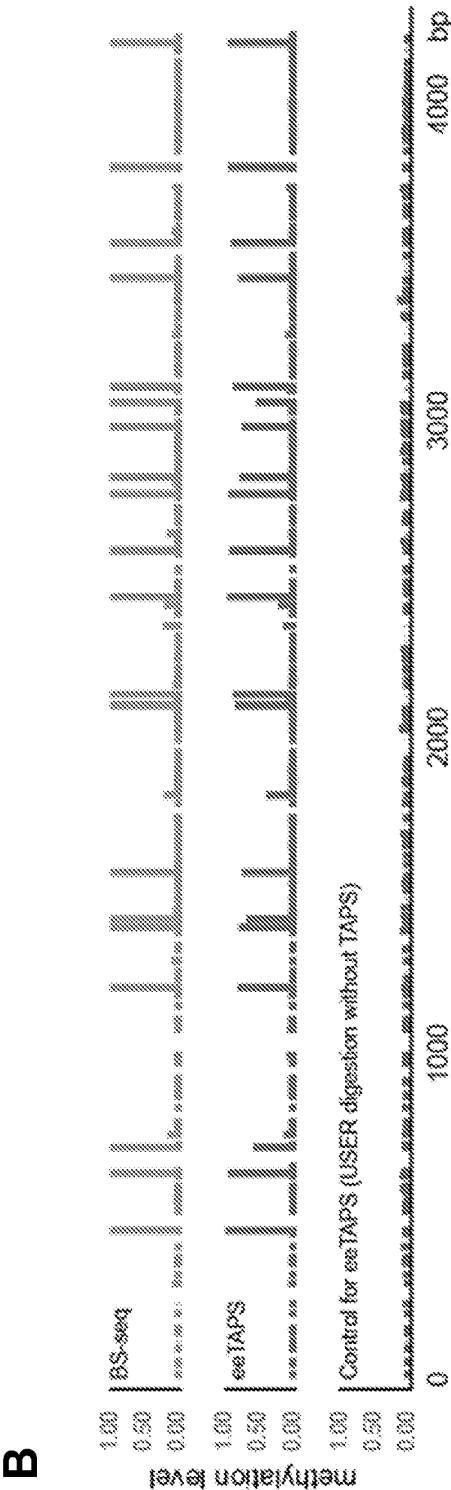


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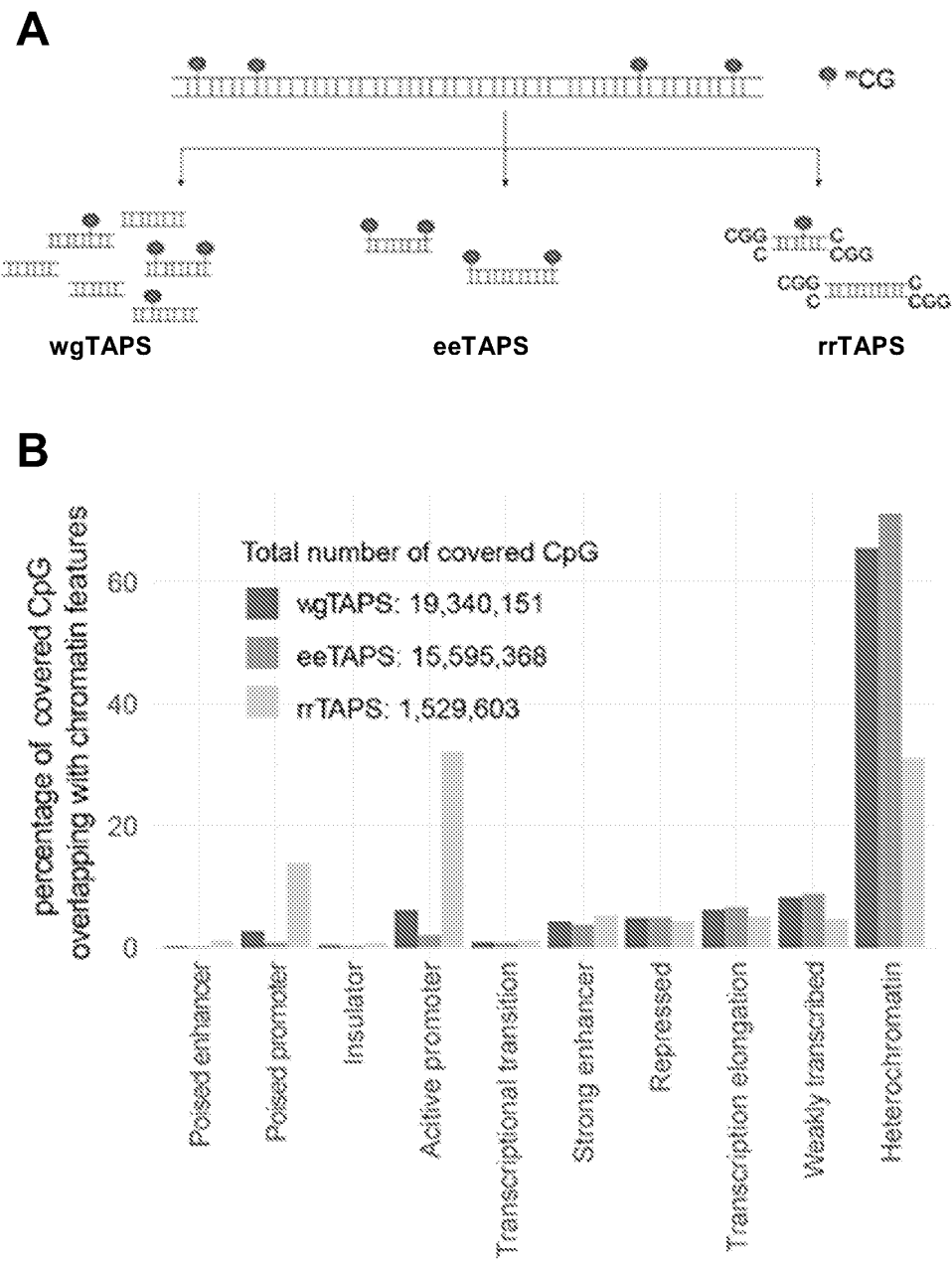


Fig. 30

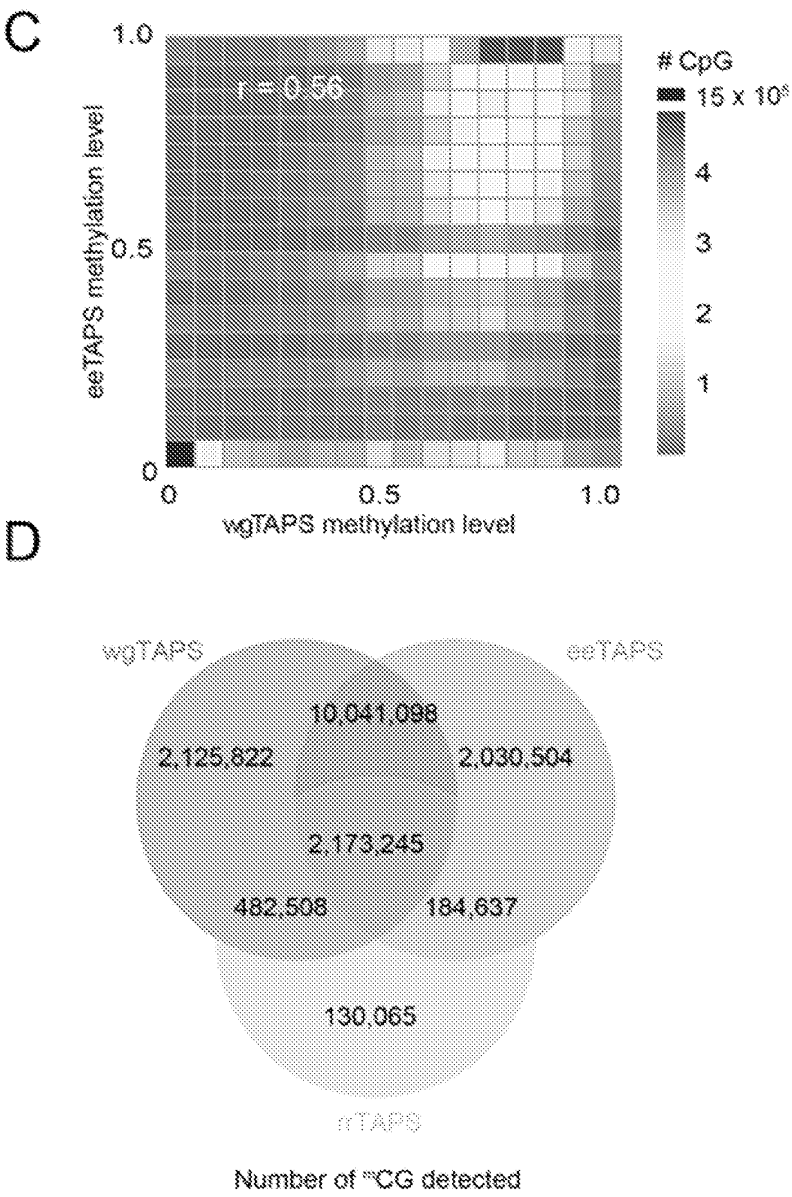


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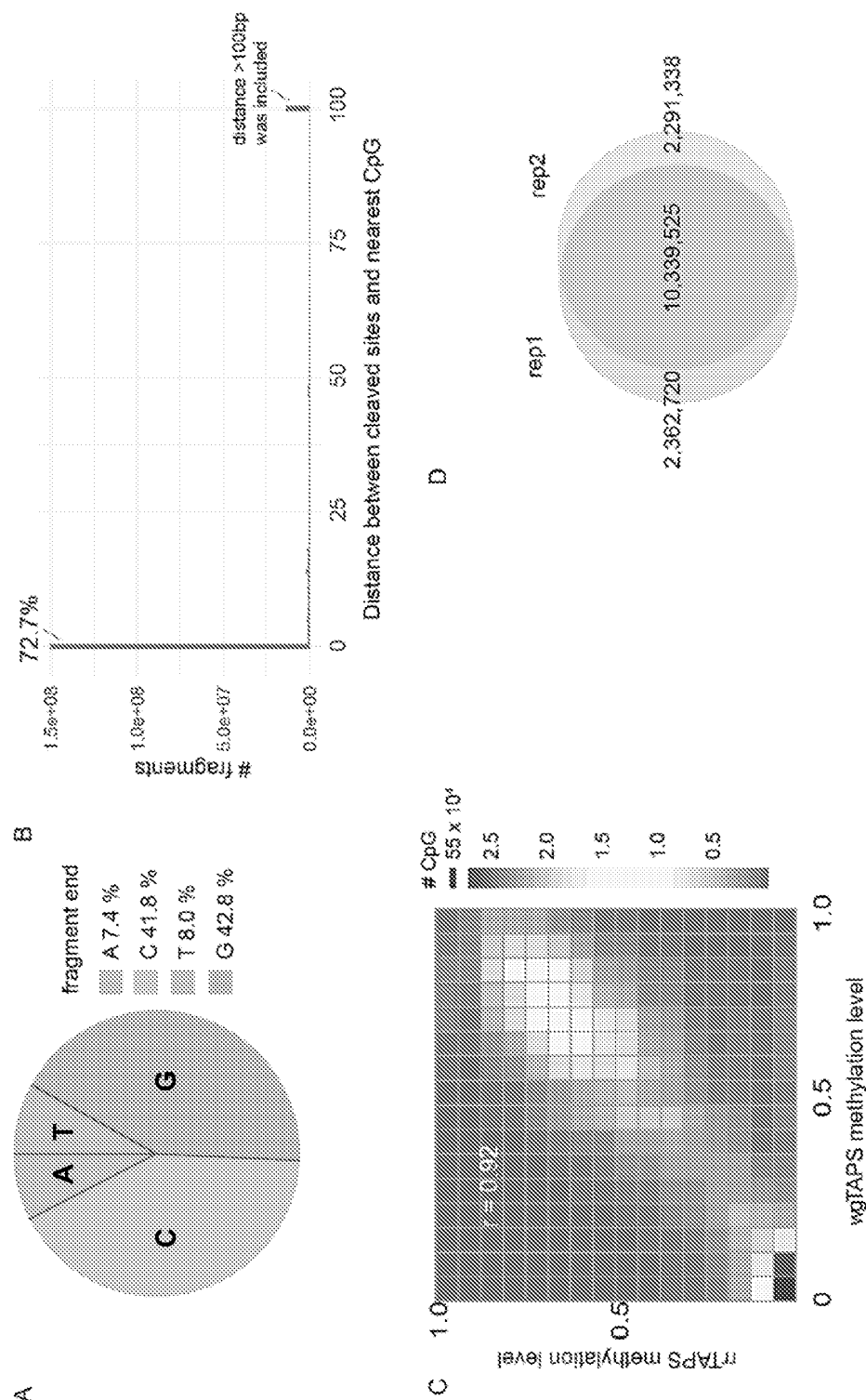


Fig. 31

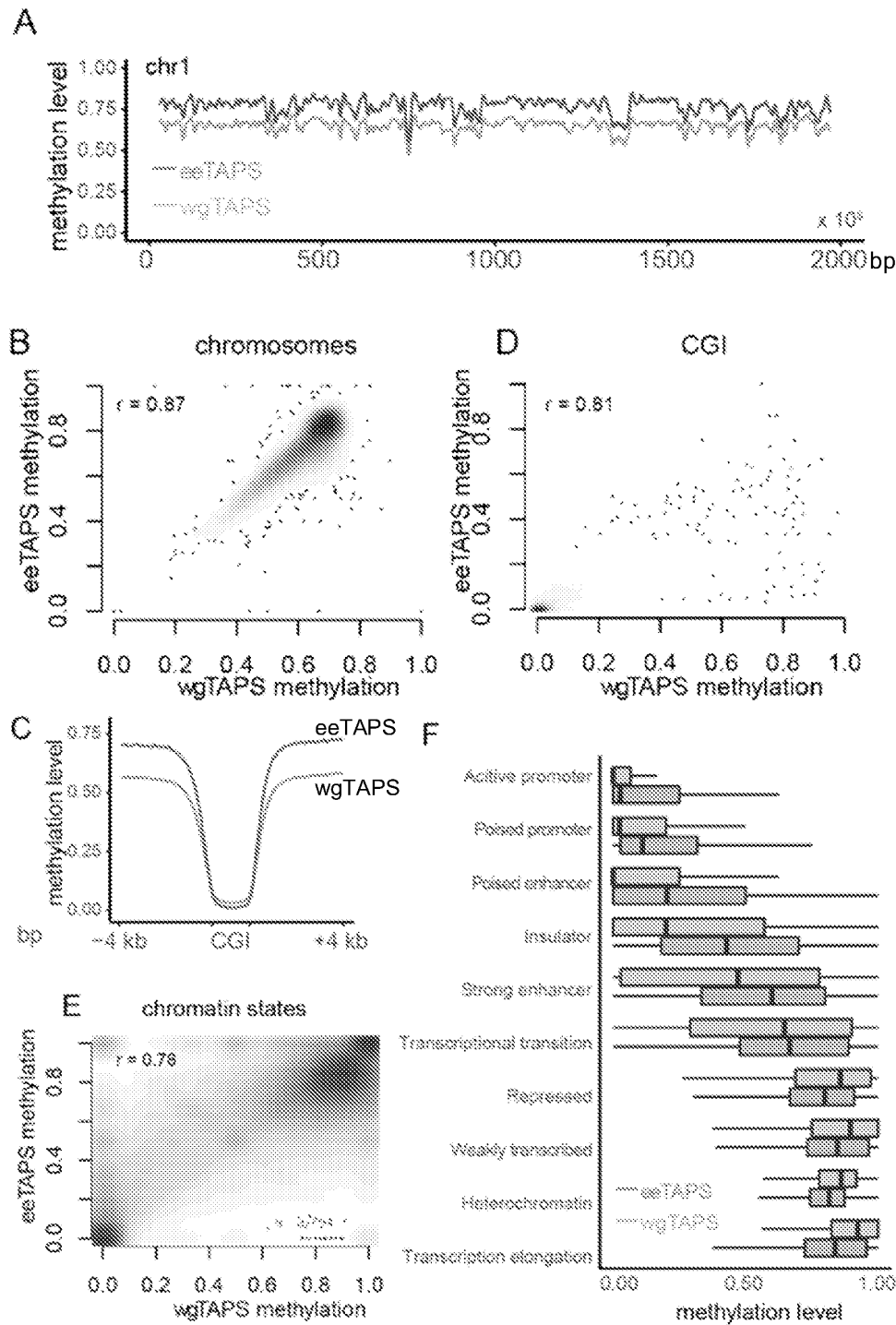


Fig. 32

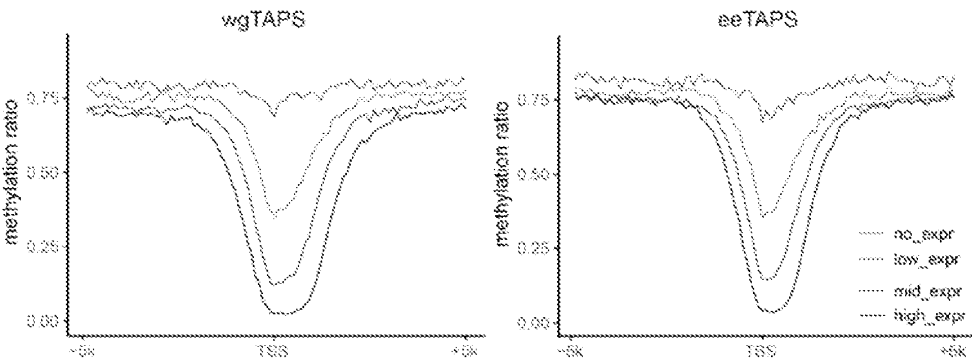


Fig. 33

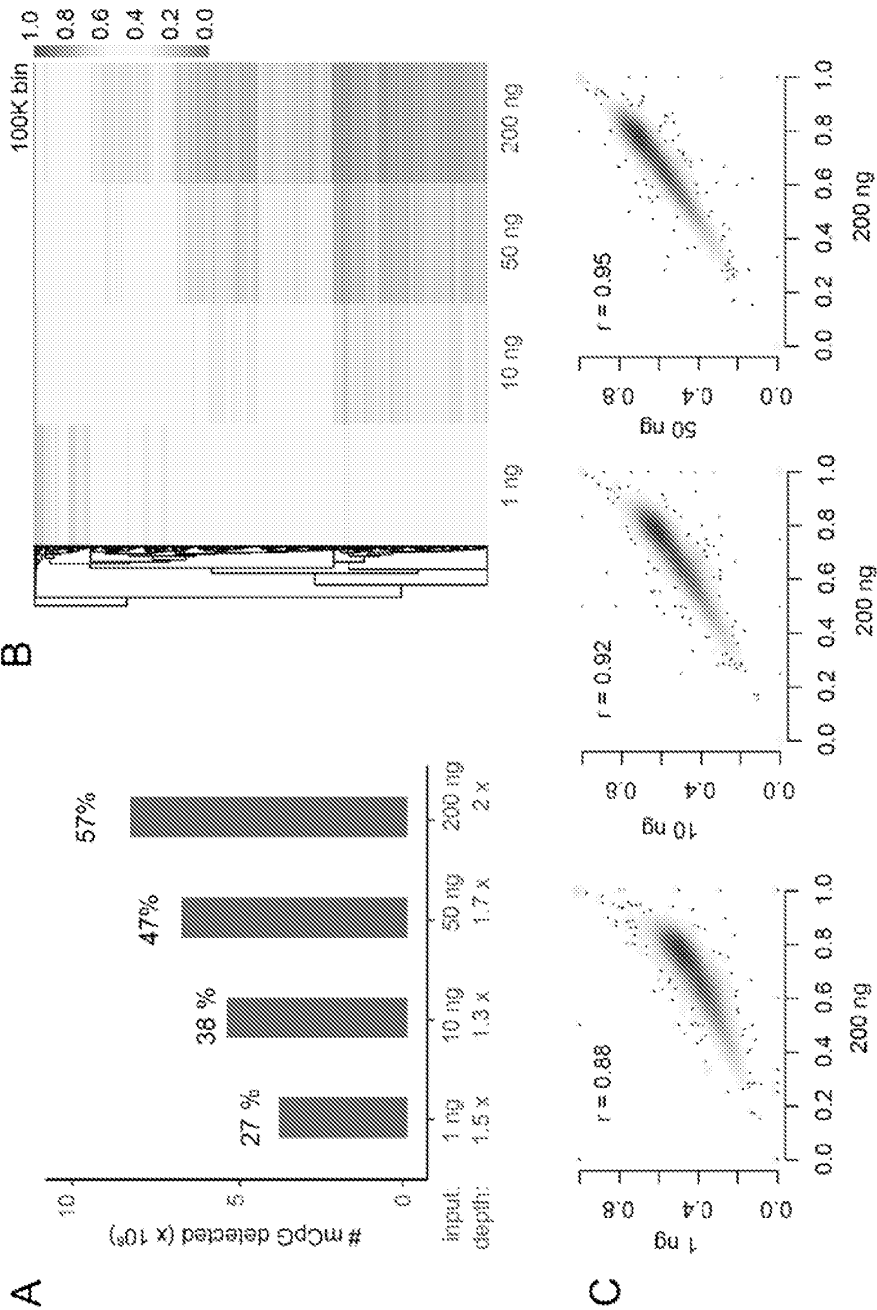


Fig. 34

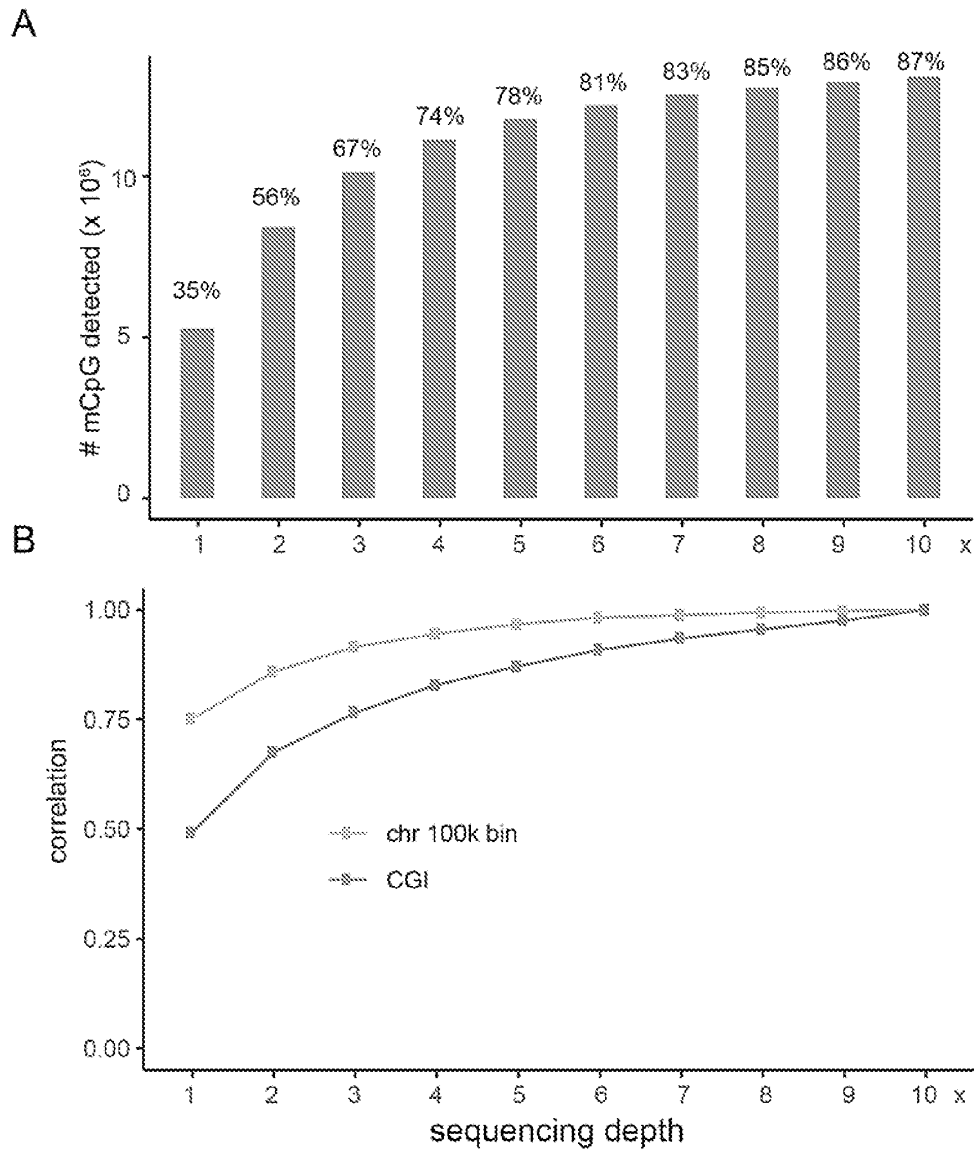


Fig. 35