

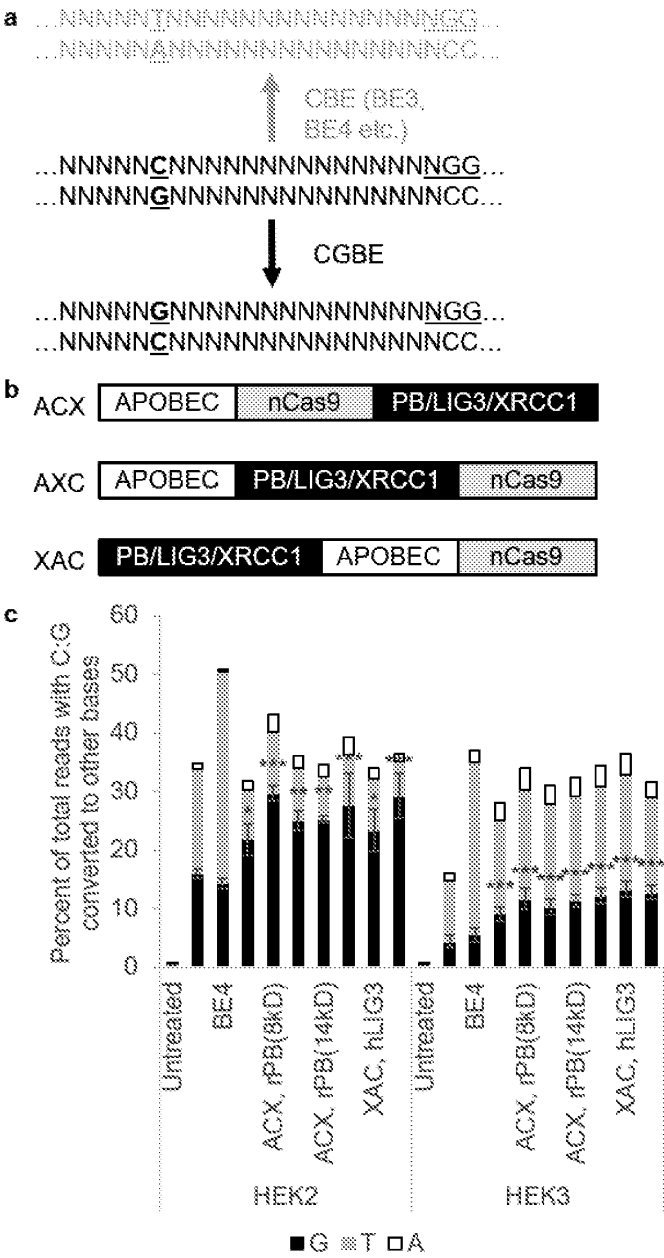


Figure 1

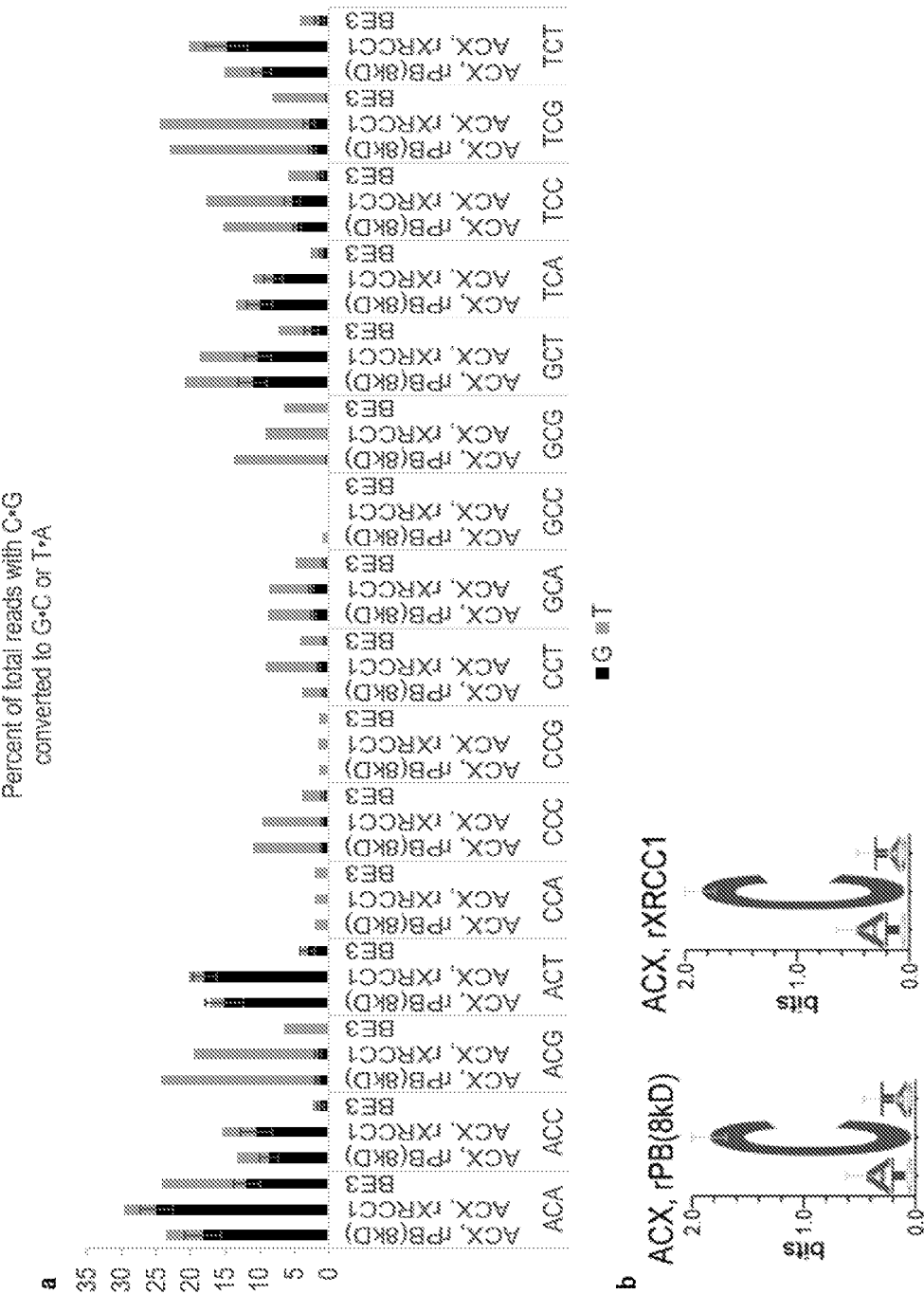


Figure 2

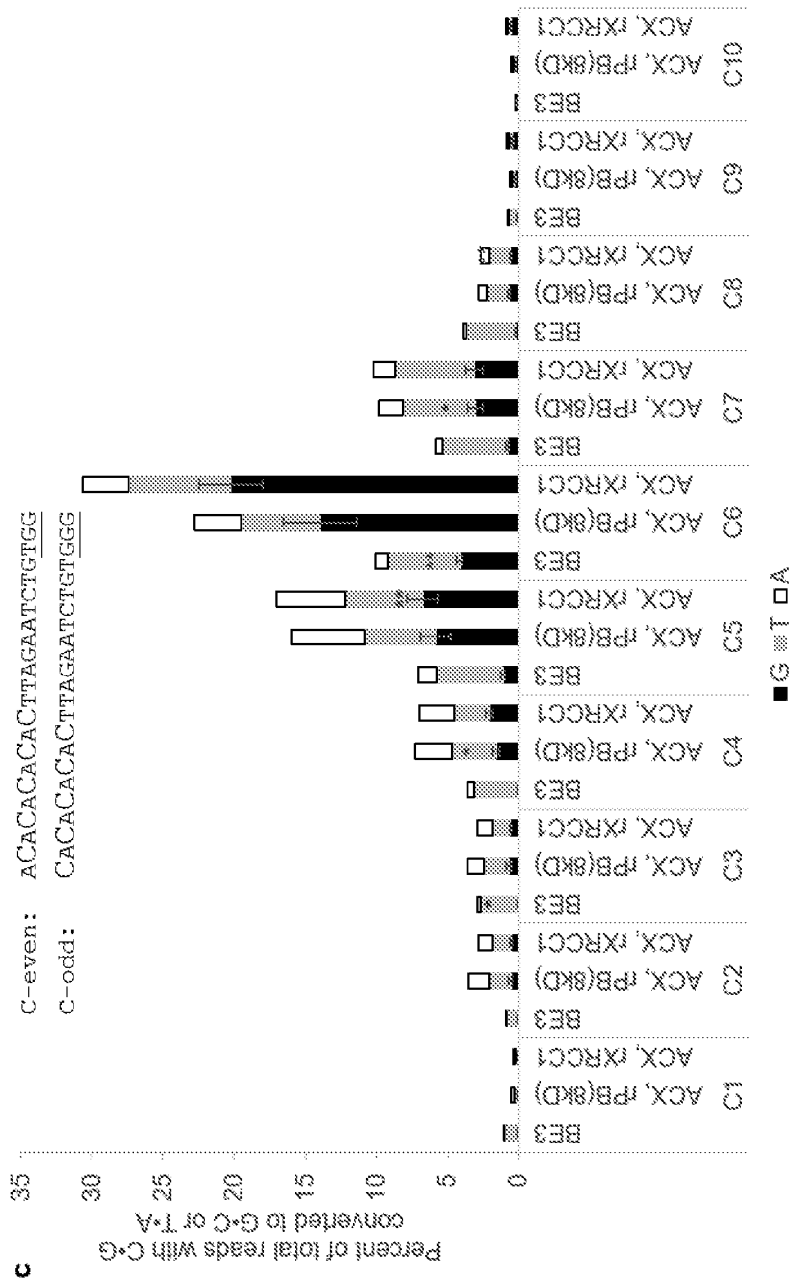


Figure 2 (continued)

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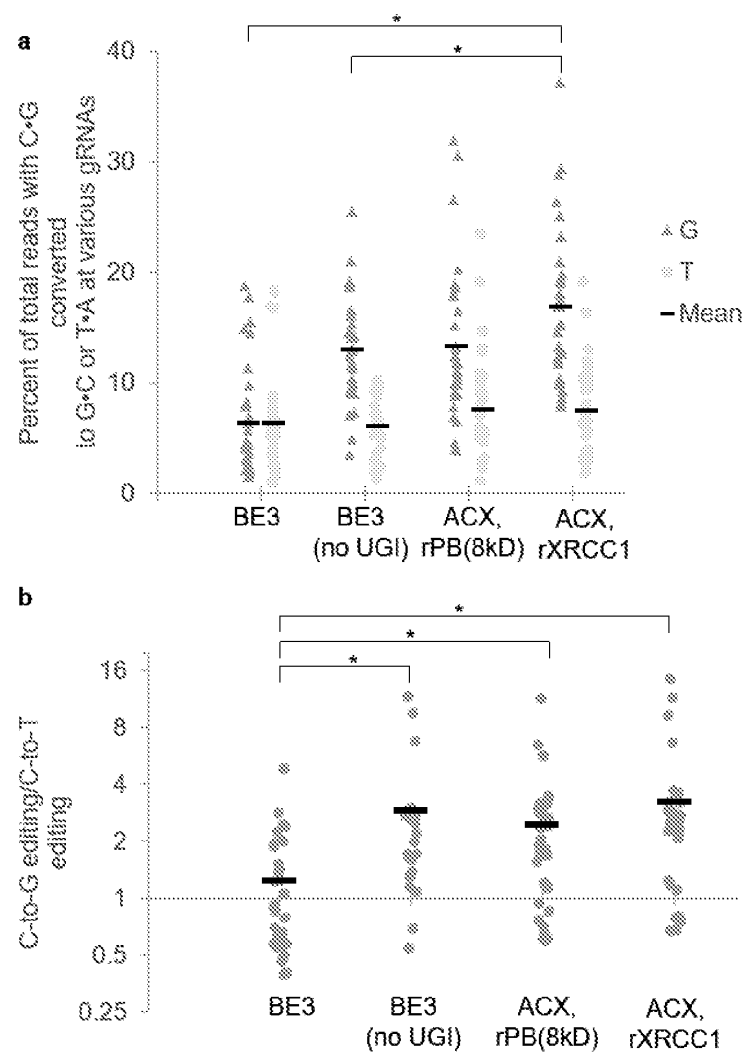


Figure 3

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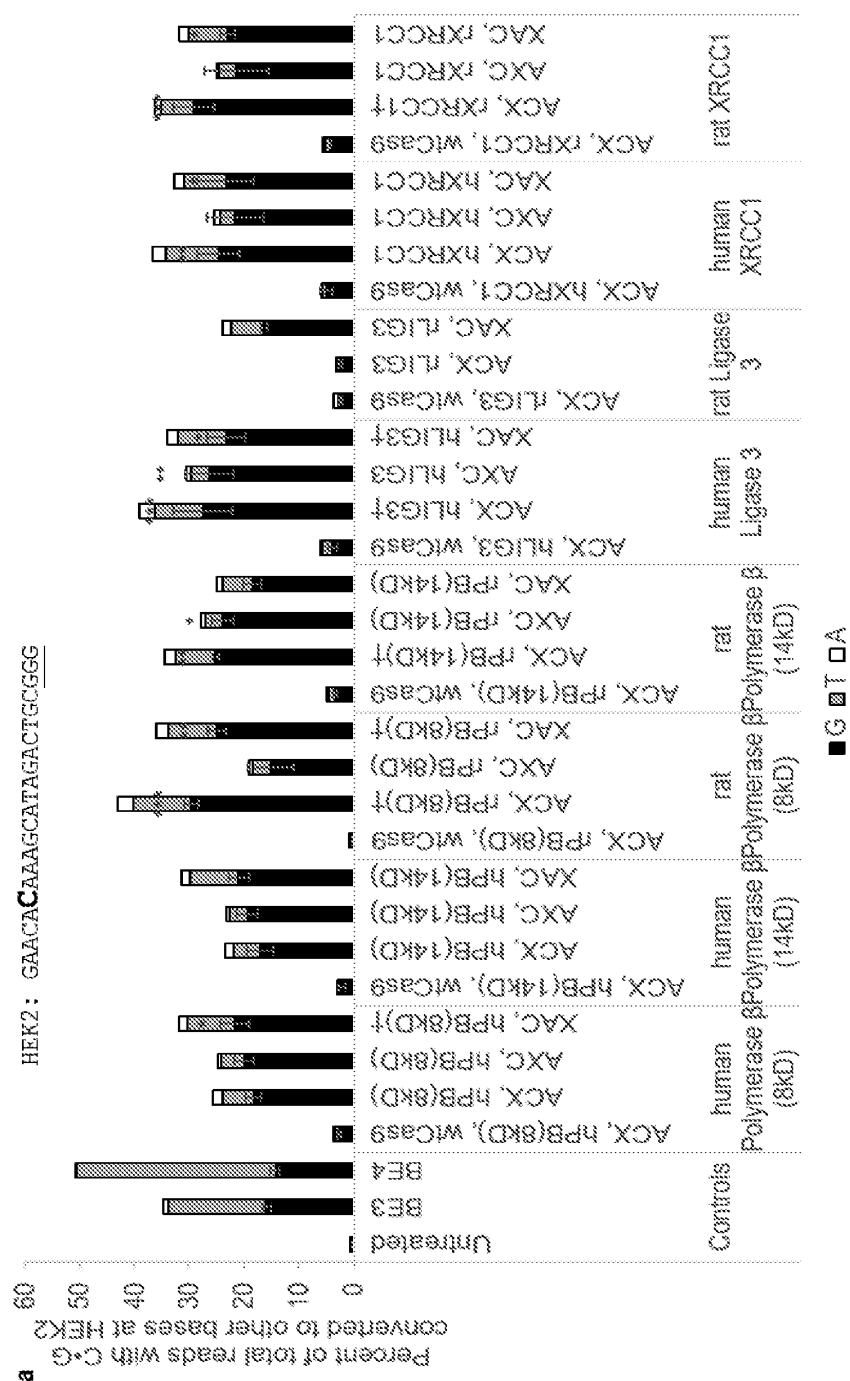


Figure 4

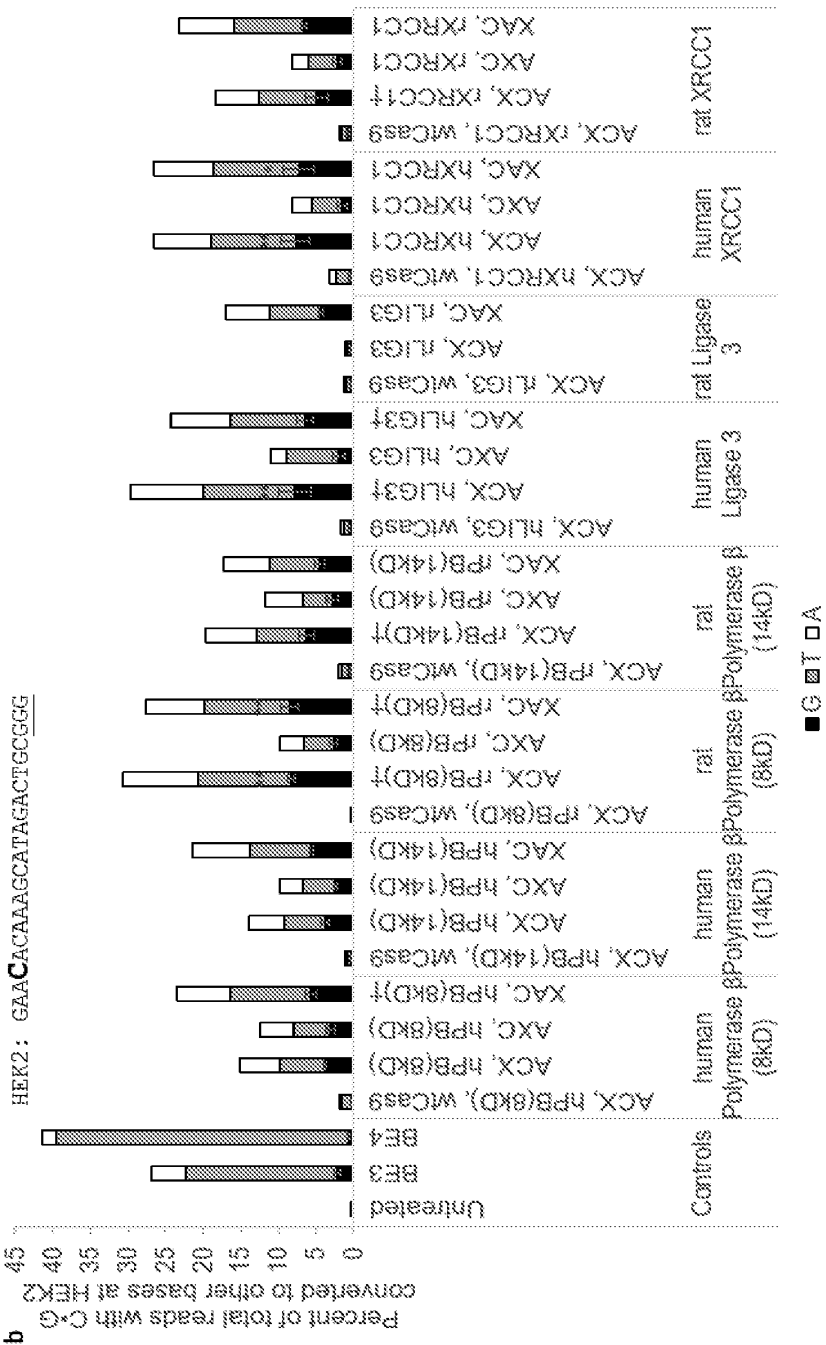


Figure 4 (continued)

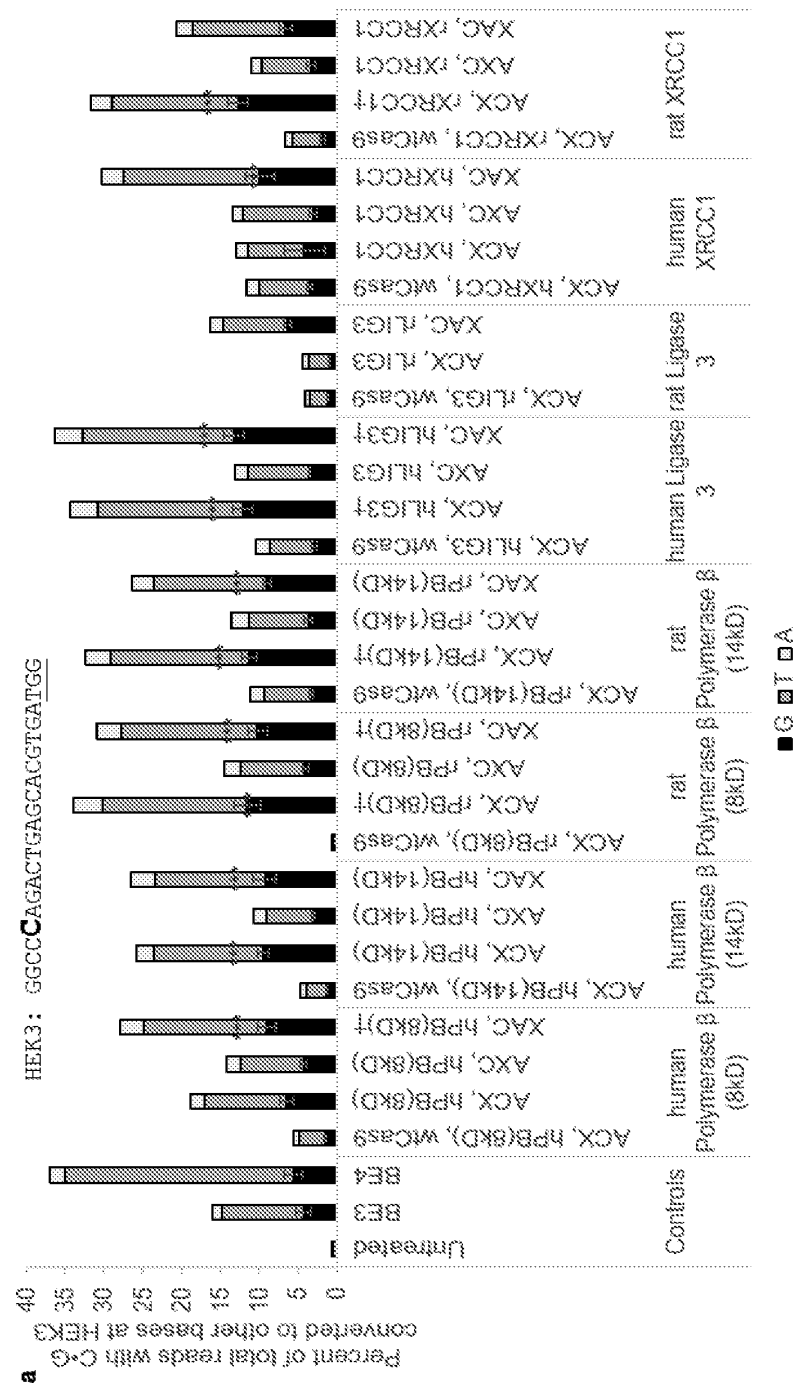


Figure 5

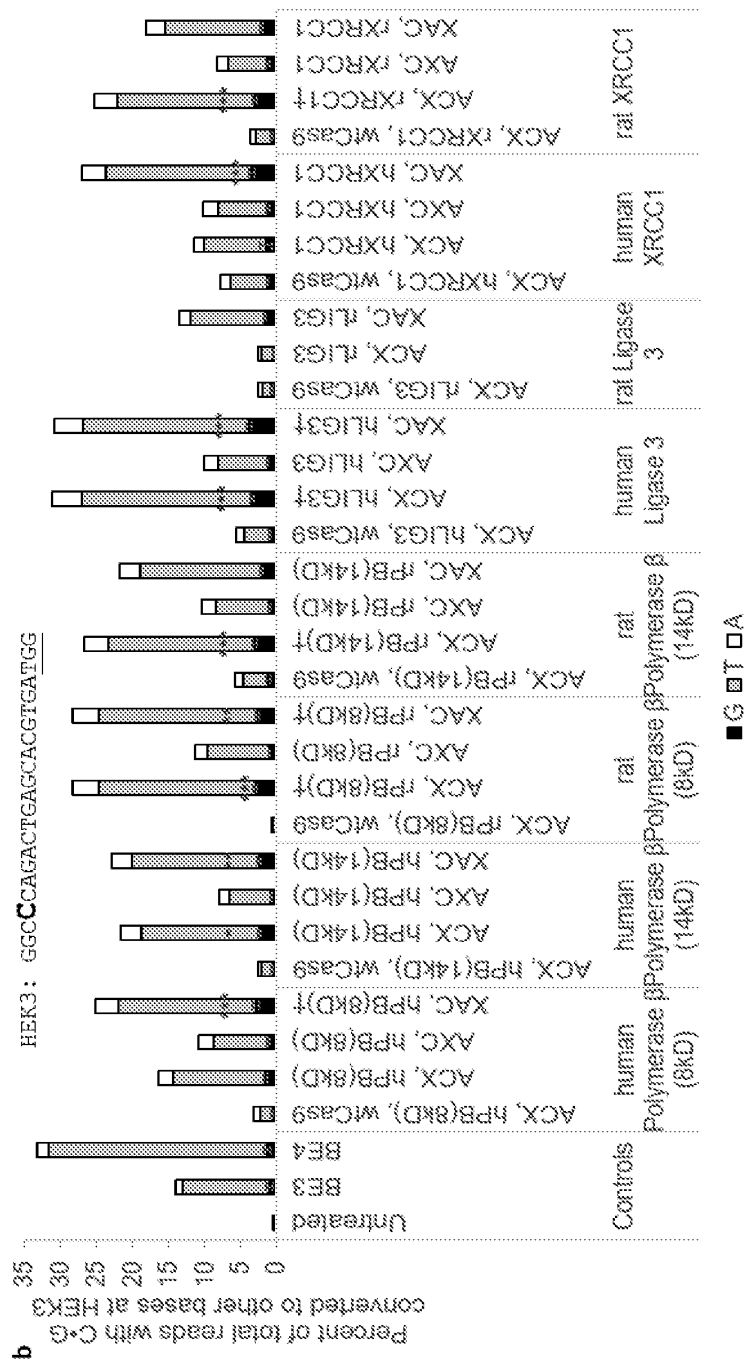


Figure 5 (continued)

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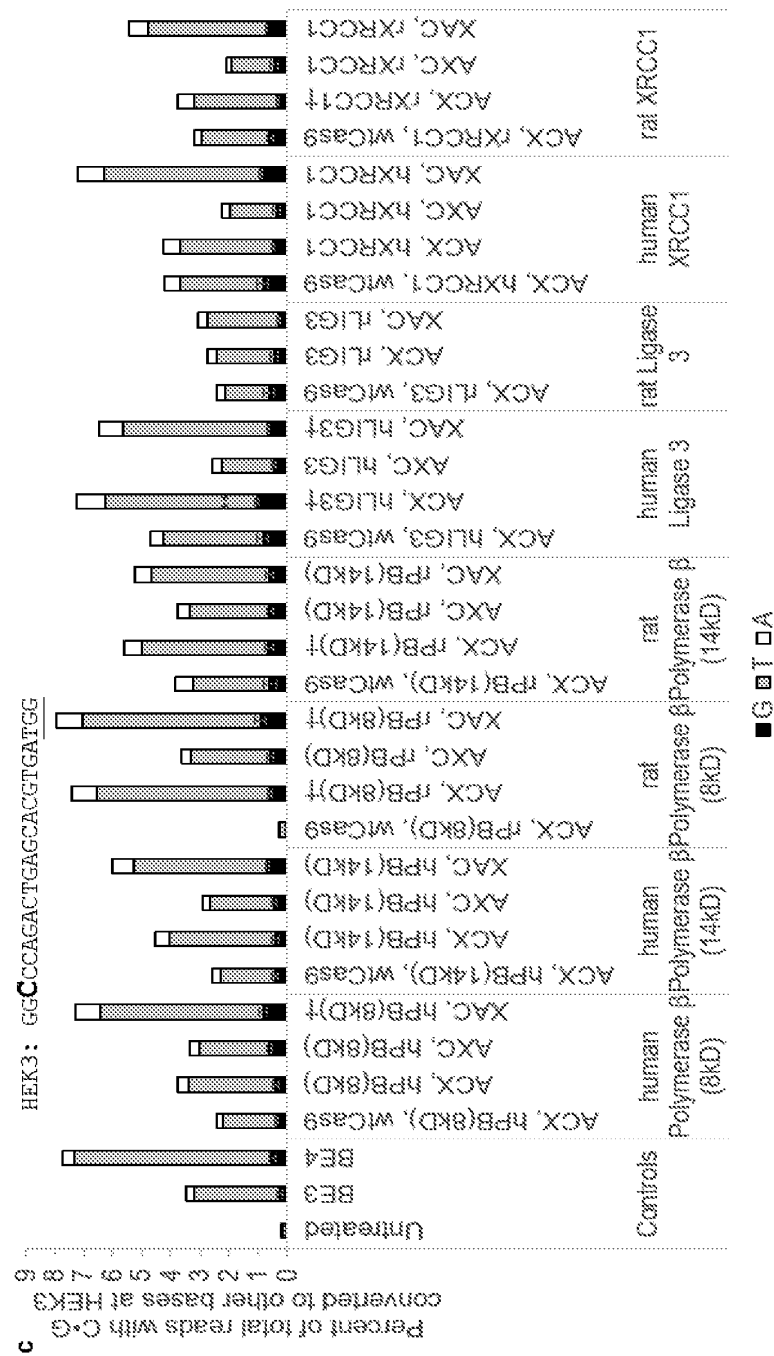


Figure 5 (continued)

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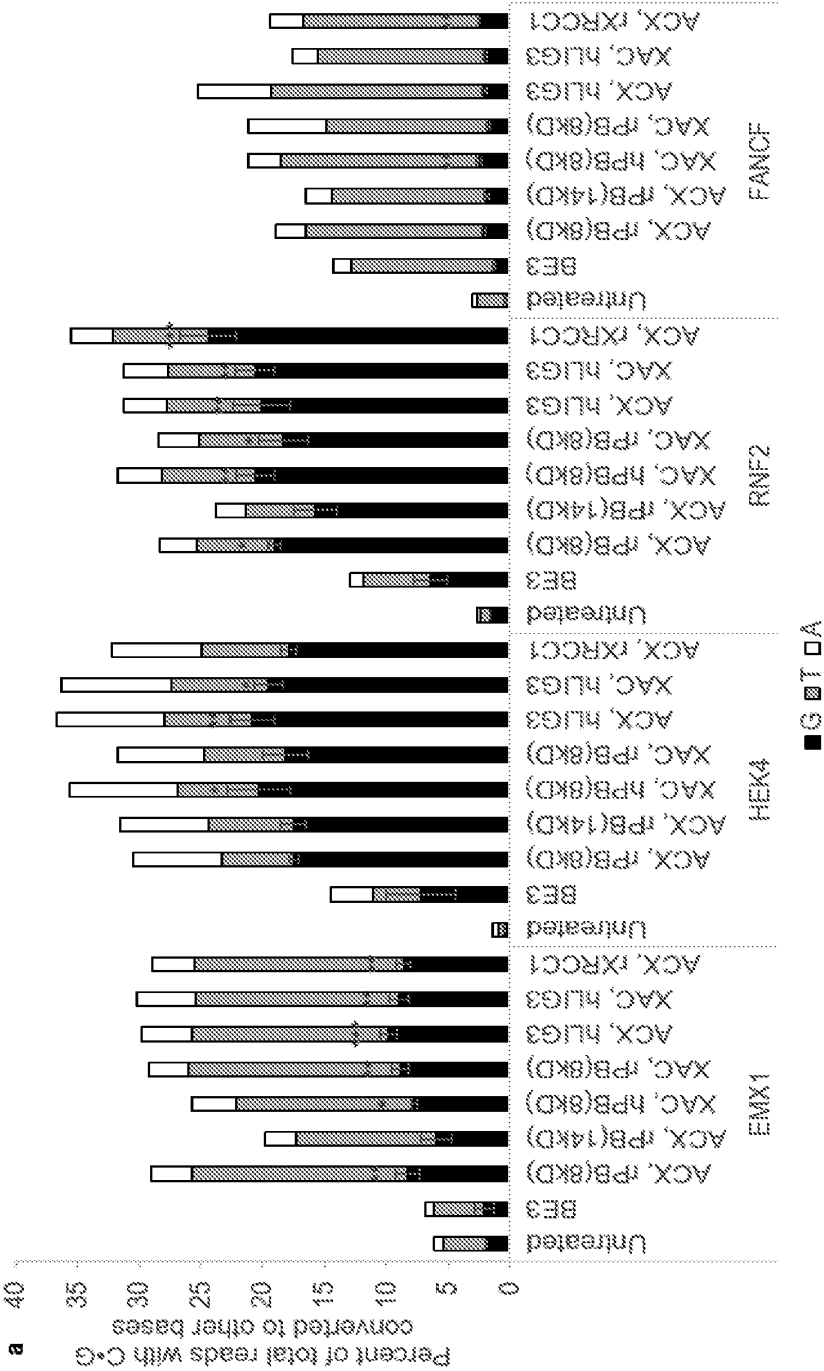


Figure 6

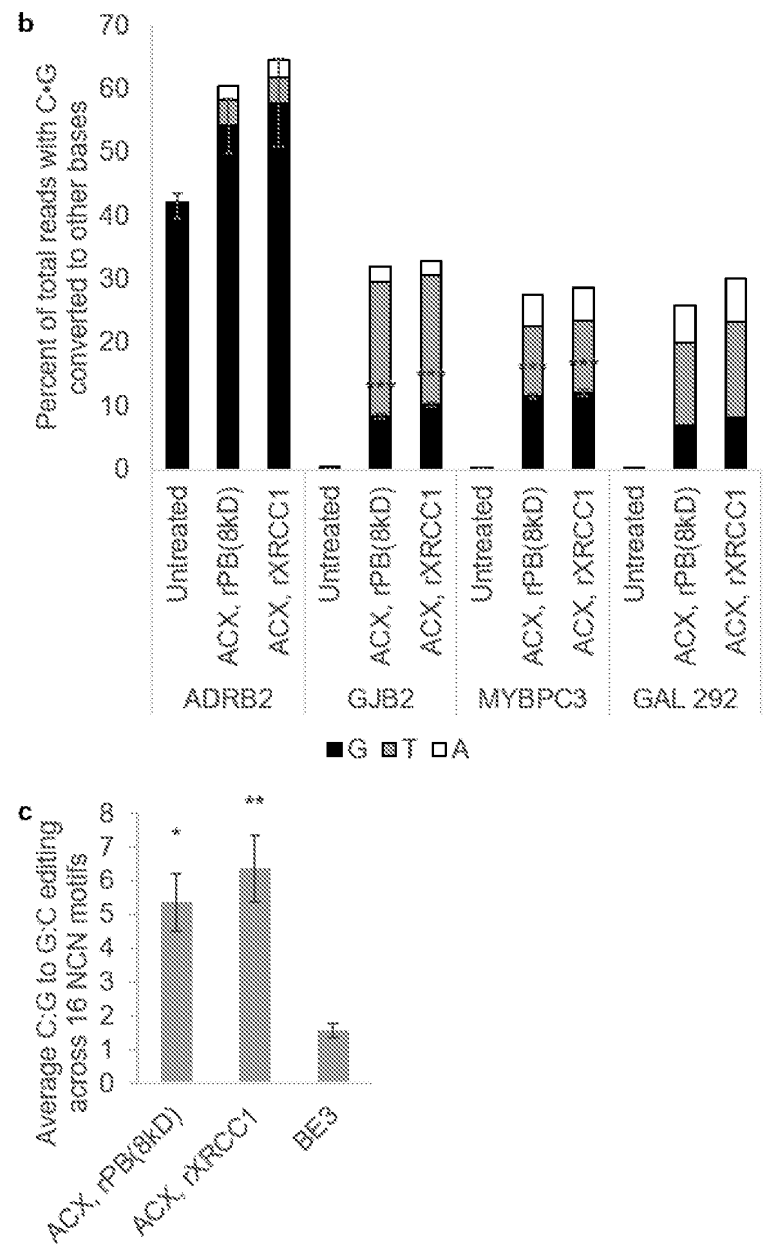


Figure 6 (continued)

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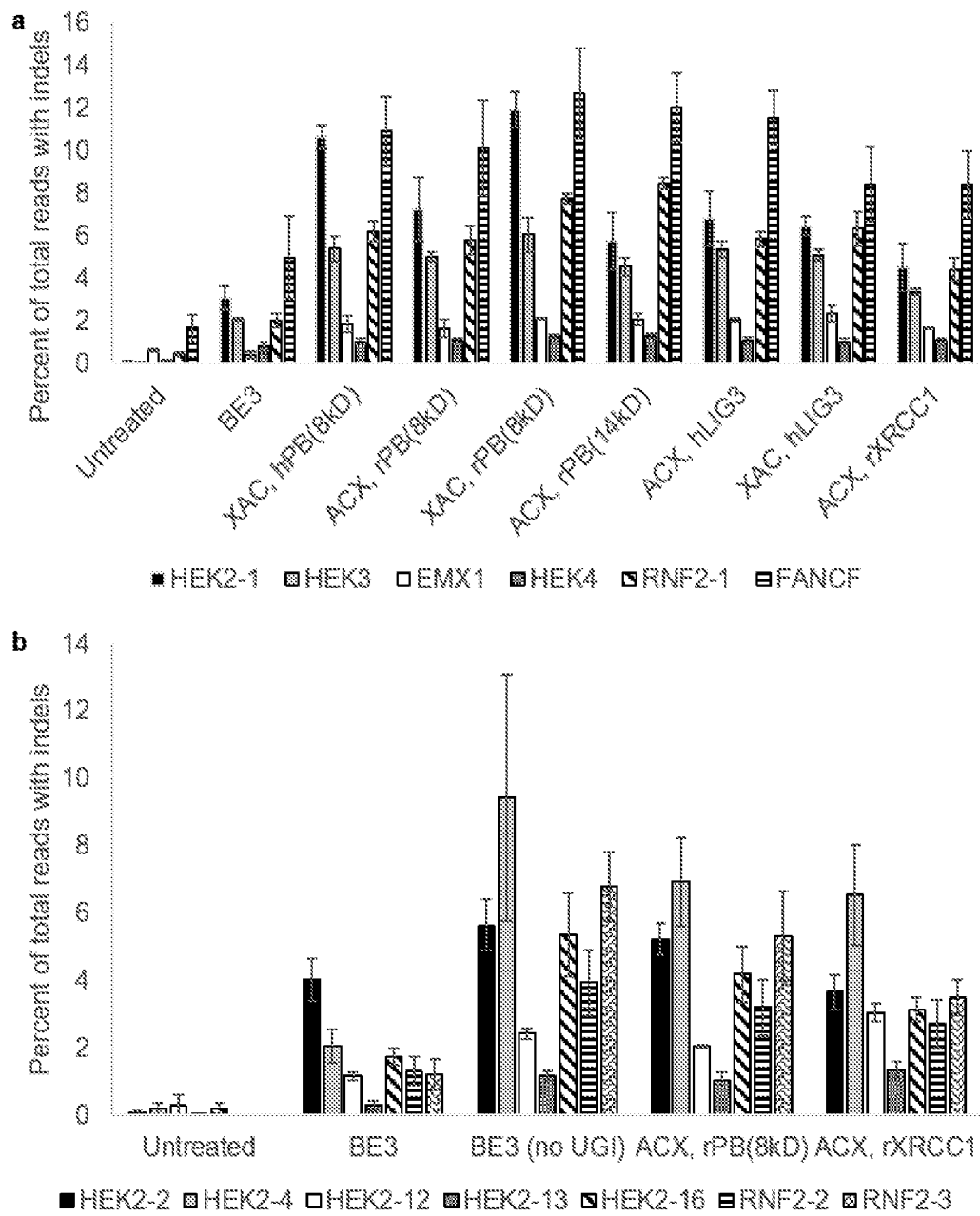


Figure 7

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a ADRB2

WT	C ₁	C ₂	C ₃	T ₄	T ₅	T ₆	C ₇	C ₈	T ₉	G ₁₀	C ₁₁	G ₁₂	T ₁₃	G ₁₄	A ₁₅	C ₁₆	G ₁₇	T ₁₈	C ₁₉	G ₂₀
A	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.1	0.1	99.8	0.0	0.3	0.0	0.0	0.2
C	99.9	99.9	99.8	0.2	0.2	0.1	54.5	99.4	0.1	0.1	99.8	0.4	0.1	0.1	0.0	99.9	0.1	0.4	99.9	0.1
G	0.0	0.0	0.0	0.1	0.1	0.0	44.9	0.0	0.1	99.7	0.0	99.5	0.2	99.7	0.2	0.0	99.6	0.3	0.0	99.5
T	0.1	0.1	0.1	99.6	99.7	99.9	0.6	0.5	99.7	0.1	0.2	0.0	99.5	0.0	0.1	0.1	0.1	99.3	0.1	0.2

XRCC	C ₁	C ₂	C ₃	T ₄	T ₅	T ₆	C ₇	C ₈	T ₉	G ₁₀	C ₁₁	G ₁₂	T ₁₃	G ₁₄	A ₁₅	C ₁₆	G ₁₇	T ₁₈	C ₁₉	G ₂₀
A	0.1	0.0	0.1	0.0	0.1	0.0	0.7	0.1	0.0	0.1	0.0	0.3	0.0	0.1	99.8	0.0	0.2	0.0	0.0	0.3
C	99.6	99.9	99.6	0.2	0.1	0.1	10.6	99.2	0.1	0.1	99.8	0.2	0.1	0.1	0.0	99.9	0.0	0.3	99.9	0.1
G	0.0	0.0	0.0	0.2	0.1	0.1	87.6	0.1	0.1	99.8	0.0	99.4	0.3	99.8	0.1	0.0	99.6	0.2	0.0	99.5
T	0.3	0.1	0.3	99.6	99.7	99.8	1.1	0.6	99.8	0.1	0.2	0.0	99.6	0.0	0.1	0.1	0.1	99.4	0.1	0.2

rPB	C ₁	C ₂	C ₃	T ₄	T ₅	T ₆	C ₇	C ₈	T ₉	G ₁₀	C ₁₁	G ₁₂	T ₁₃	G ₁₄	A ₁₅	C ₁₆	G ₁₇	T ₁₈	C ₁₉	G ₂₀
A	0.1	0.0	0.1	0.0	0.1	0.0	1.0	0.3	0.1	0.1	0.0	0.2	0.1	0.1	99.7	0.0	0.3	0.0	0.0	0.2
C	99.5	99.7	99.1	0.2	0.1	0.1	25.4	98.5	0.1	0.1	99.8	0.3	0.1	0.1	0.0	99.9	0.1	0.4	99.9	0.1
G	0.0	0.0	0.0	0.1	0.1	0.1	71.4	0.1	0.1	99.8	0.0	99.5	0.2	99.8	0.2	0.0	99.5	0.3	0.0	99.6
T	0.4	0.3	0.7	99.6	99.7	99.8	2.2	1.1	99.7	0.1	0.2	0.0	99.6	0.1	0.1	0.1	0.1	99.3	0.1	0.1

b MYBPC3

WT	G ₁	A ₂	T ₃	A ₄	G ₅	A ₆	C ₇	C ₈	T ₉	G ₁₀	T ₁₁	G ₁₂	T ₁₃	G ₁₄	C ₁₅	A ₁₆	T ₁₇	G ₁₈	G ₁₉	A ₂₀
A	0.1	99.8	0.7	99.8	0.1	99.9	0.1	0.0	2.3	1.0	0.7	7.2	0.1	0.1	0.0	99.9	1.4	3.0	0.2	99.9
C	0.0	0.0	0.0	0.0	0.1	0.0	99.7	99.6	0.1	0.0	0.0	0.0	0.0	0.0	99.2	0.0	0.0	0.0	0.0	0.0
G	99.8	0.1	0.0	0.1	99.8	0.1	0.1	0.3	0.0	99.0	0.0	92.8	0.0	99.9	0.4	0.0	0.0	97.0	99.8	0.1
T	0.0	0.0	99.3	0.1	0.0	0.0	0.1	0.1	97.6	0.0	99.3	0.0	99.8	0.0	0.3	0.1	98.5	0.0	0.0	0.0

XRCC	G ₁	A ₂	T ₃	A ₄	G ₅	A ₆	C ₇	C ₈	T ₉	G ₁₀	T ₁₁	G ₁₂	T ₁₃	G ₁₄	C ₁₅	A ₁₆	T ₁₇	G ₁₈	G ₁₉	A ₂₀
A	0.2	99.7	0.9	99.8	0.2	99.8	5.3	2.0	2.1	1.1	0.6	7.2	0.1	0.1	0.0	99.9	1.1	3.0	0.2	99.9
C	0.2	0.1	0.1	0.0	0.1	0.0	69.4	94.0	0.1	0.1	0.0	0.0	0.1	0.0	99.3	0.0	0.0	0.0	0.0	0.0
G	99.6	0.1	0.0	0.1	99.7	0.1	13.9	1.3	0.0	98.8	0.0	92.7	0.0	99.9	0.4	0.0	0.0	97.0	99.8	0.1
T	0.0	0.0	99.0	0.1	0.0	0.1	11.3	2.7	97.8	0.0	99.3	0.1	99.8	0.0	0.3	0.1	98.8	0.0	0.0	0.0

rPB	G ₁	A ₂	T ₃	A ₄	G ₅	A ₆	C ₇	C ₈	T ₉	G ₁₀	T ₁₁	G ₁₂	T ₁₃	G ₁₄	C ₁₅	A ₁₆	T ₁₇	G ₁₈	G ₁₉	A ₂₀
A	0.3	99.7	0.9	99.7	0.2	99.8	5.2	2.4	2.2	1.2	0.6	7.6	0.1	0.1	0.1	99.9	1.2	2.9	0.2	99.9
C	0.1	0.1	0.1	0.0	0.1	0.0	71.1	92.9	0.1	0.1	0.1	0.0	0.0	0.0	99.2	0.0	0.0	0.0	0.0	0.0
G	99.6	0.1	0.0	0.1	99.7	0.1	12.3	1.4	0.0	98.7	0.0	92.3	0.1	99.9	0.4	0.0	0.0	97.1	99.8	0.1
T	0.0	0.1	99.0	0.2	0.0	0.1	11.3	3.3	97.7	0.0	99.3	0.1	99.8	0.0	0.3	0.1	98.8	0.0	0.0	0.0

Figure 8

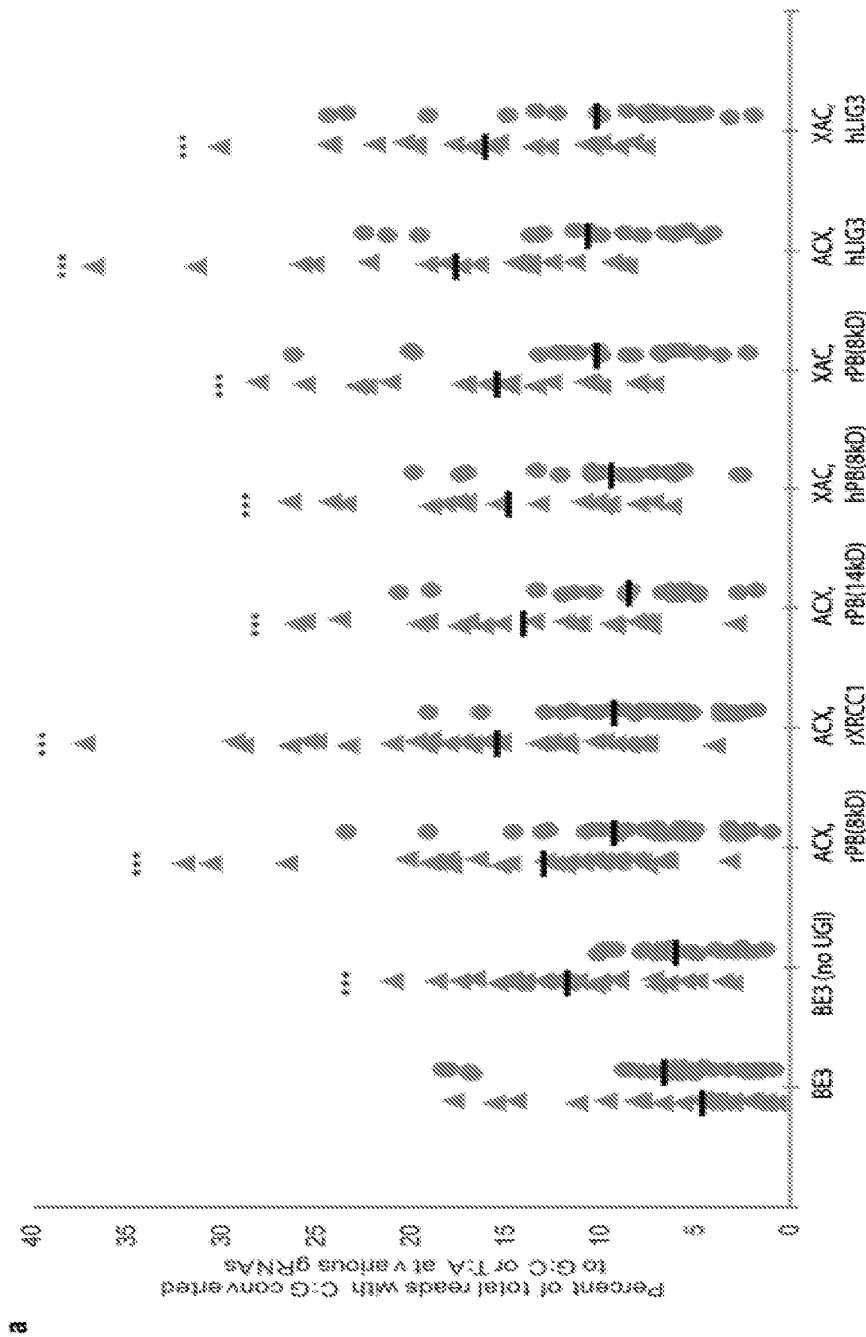


Figure 9

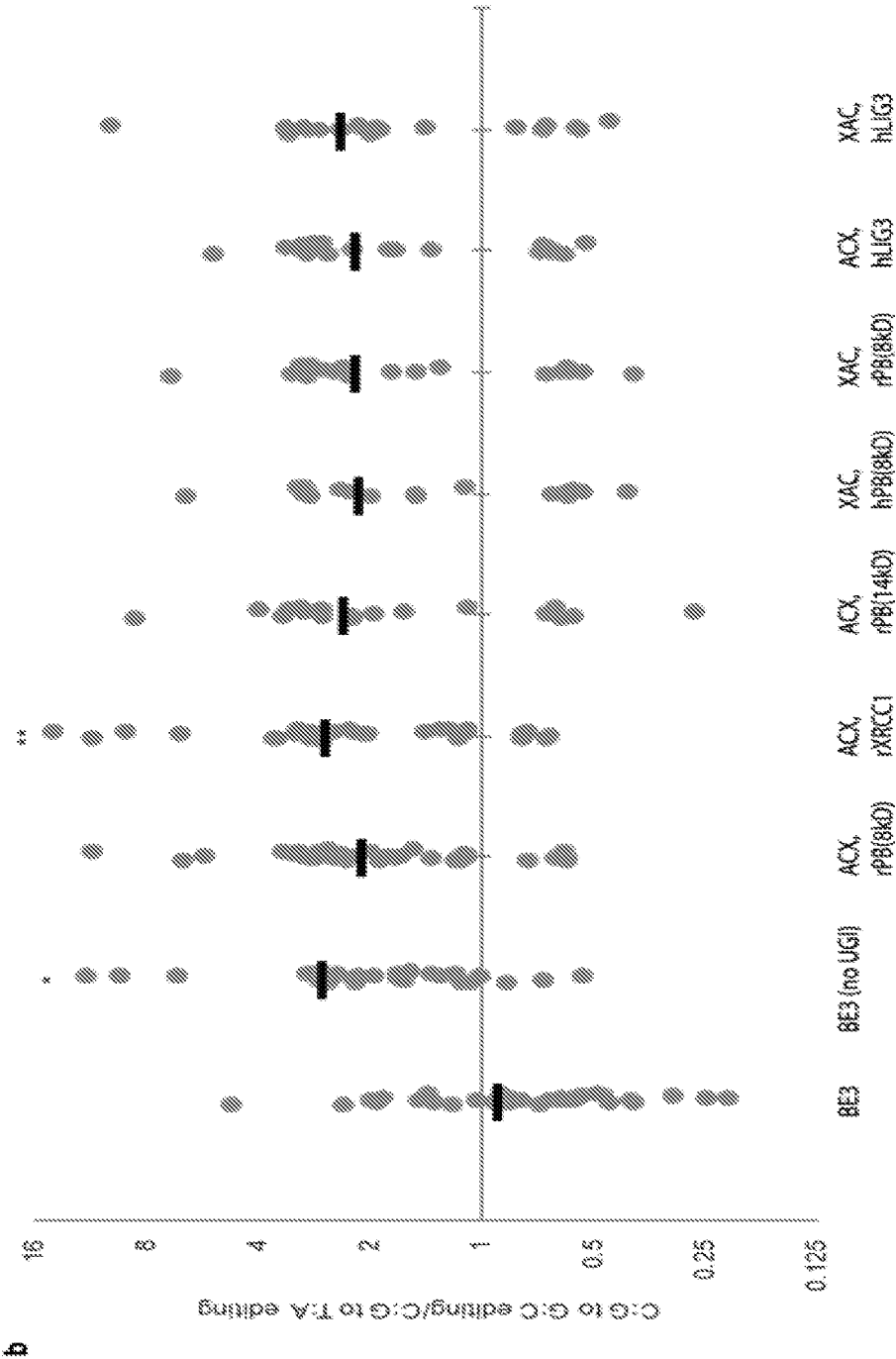


Figure 9 (continued)

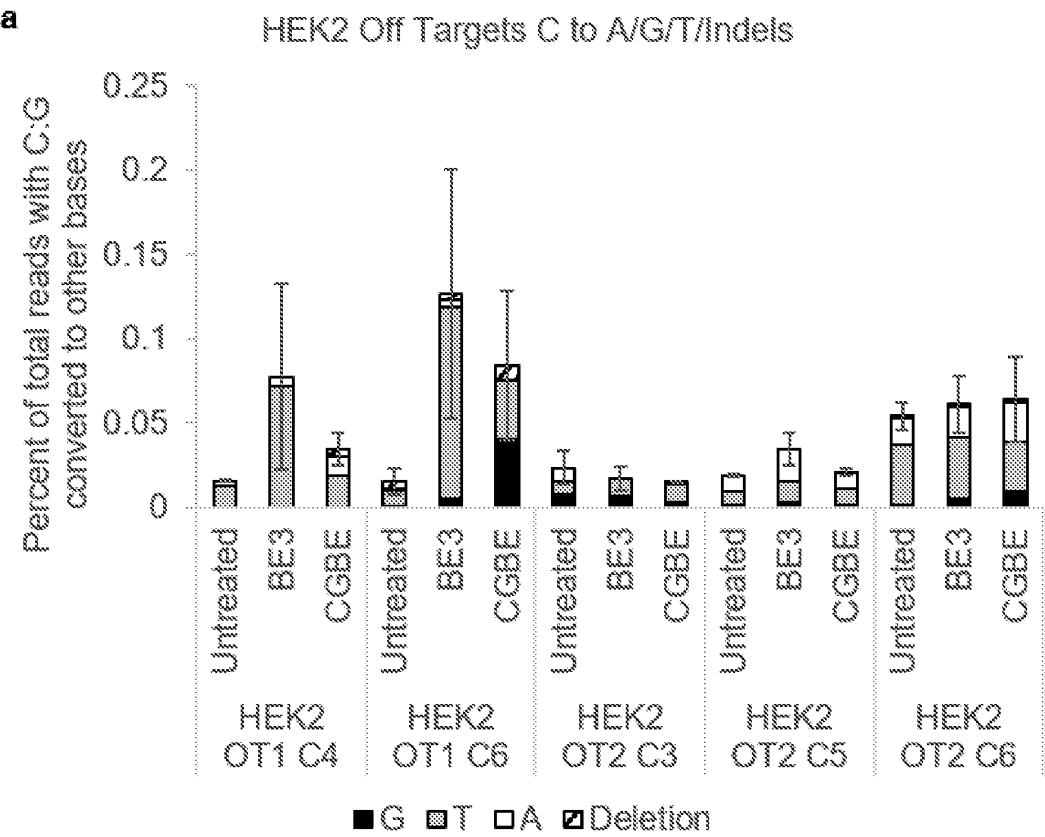


Figure 10

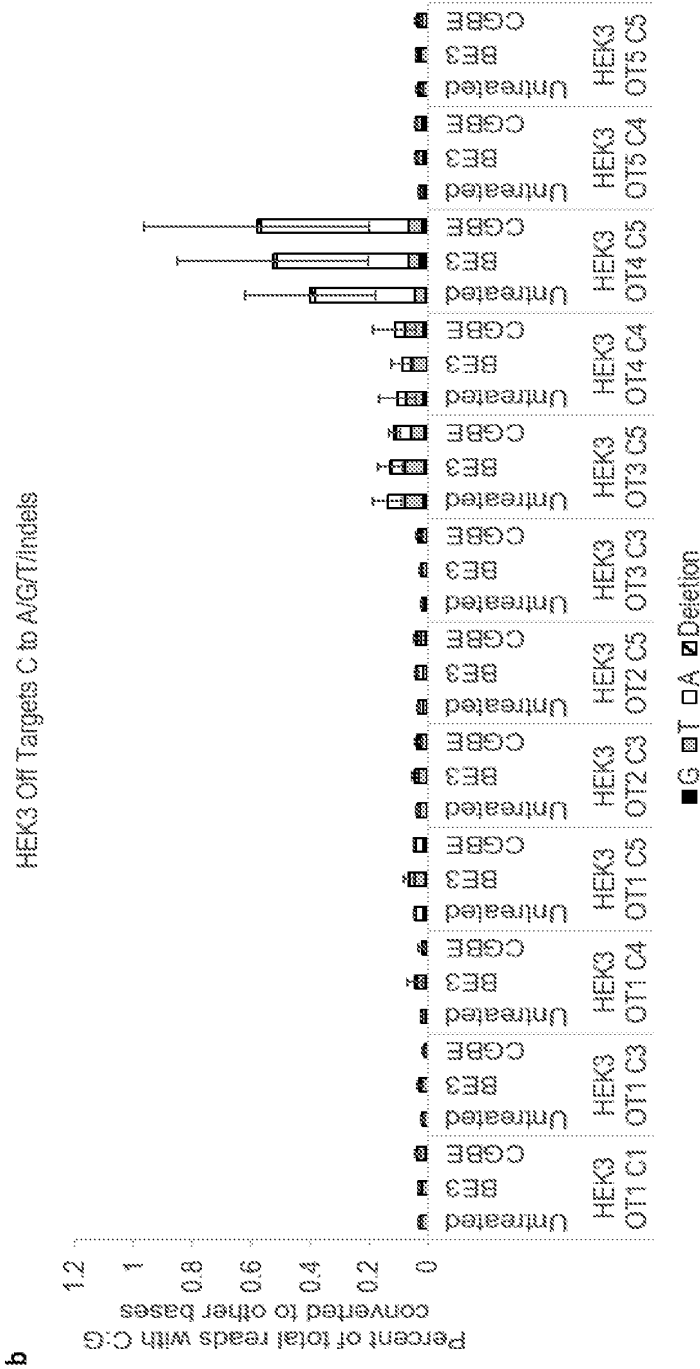


Figure 10 (continued)

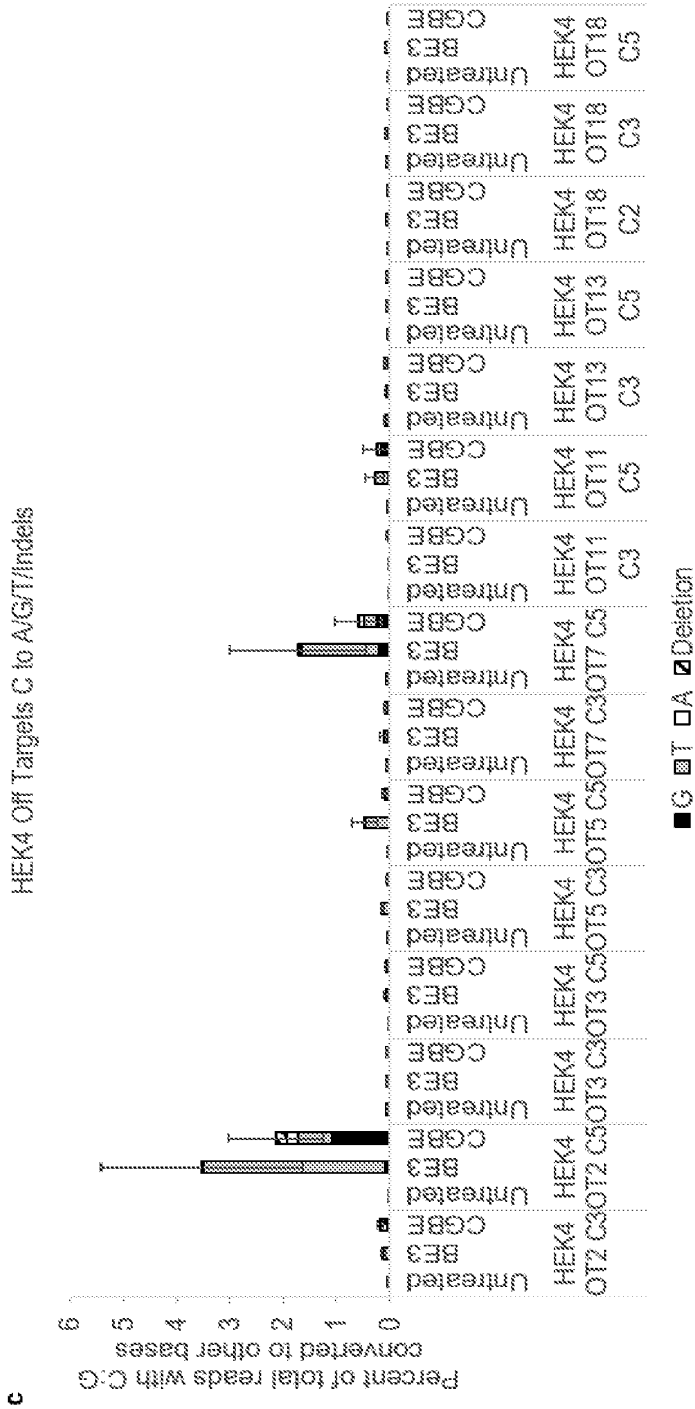


Figure 10 (continued)

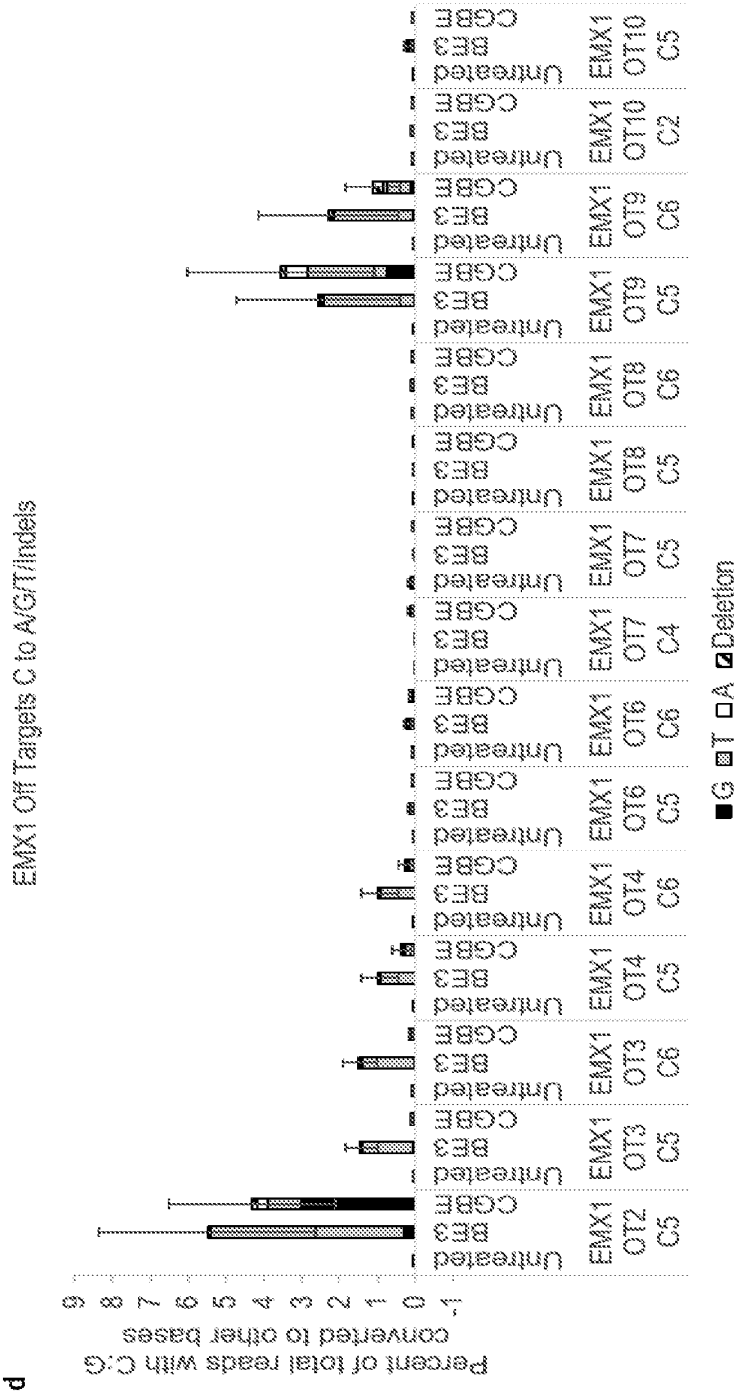


Figure 10 (continued)

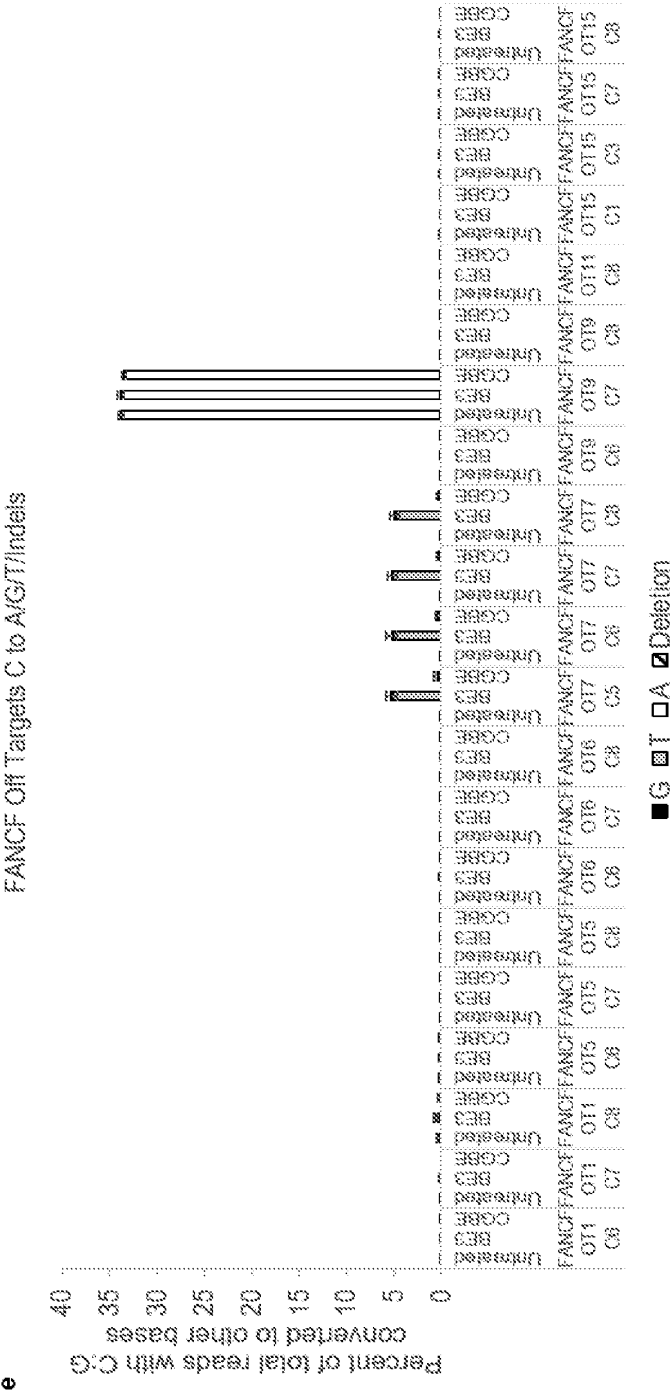


Figure 10 (continued)

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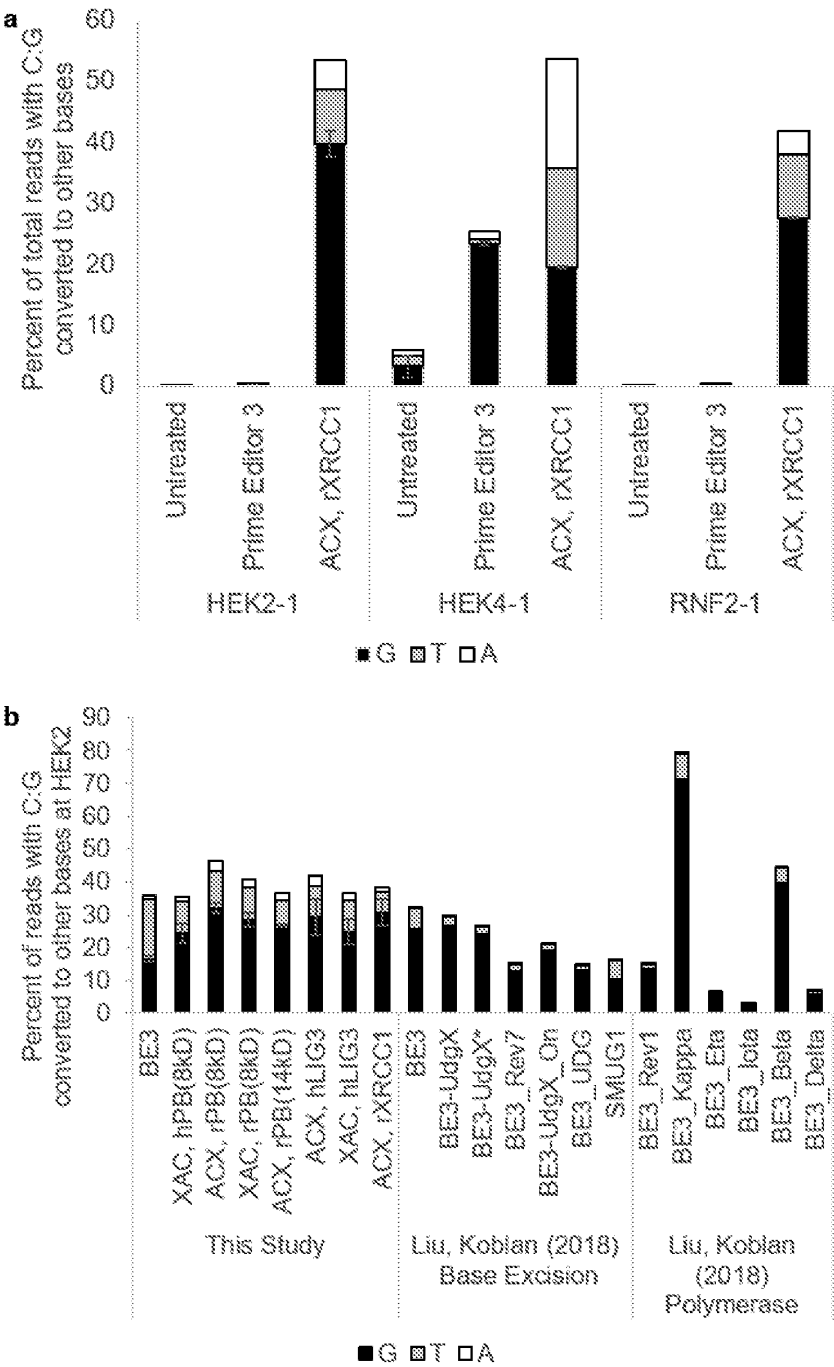


Figure 11

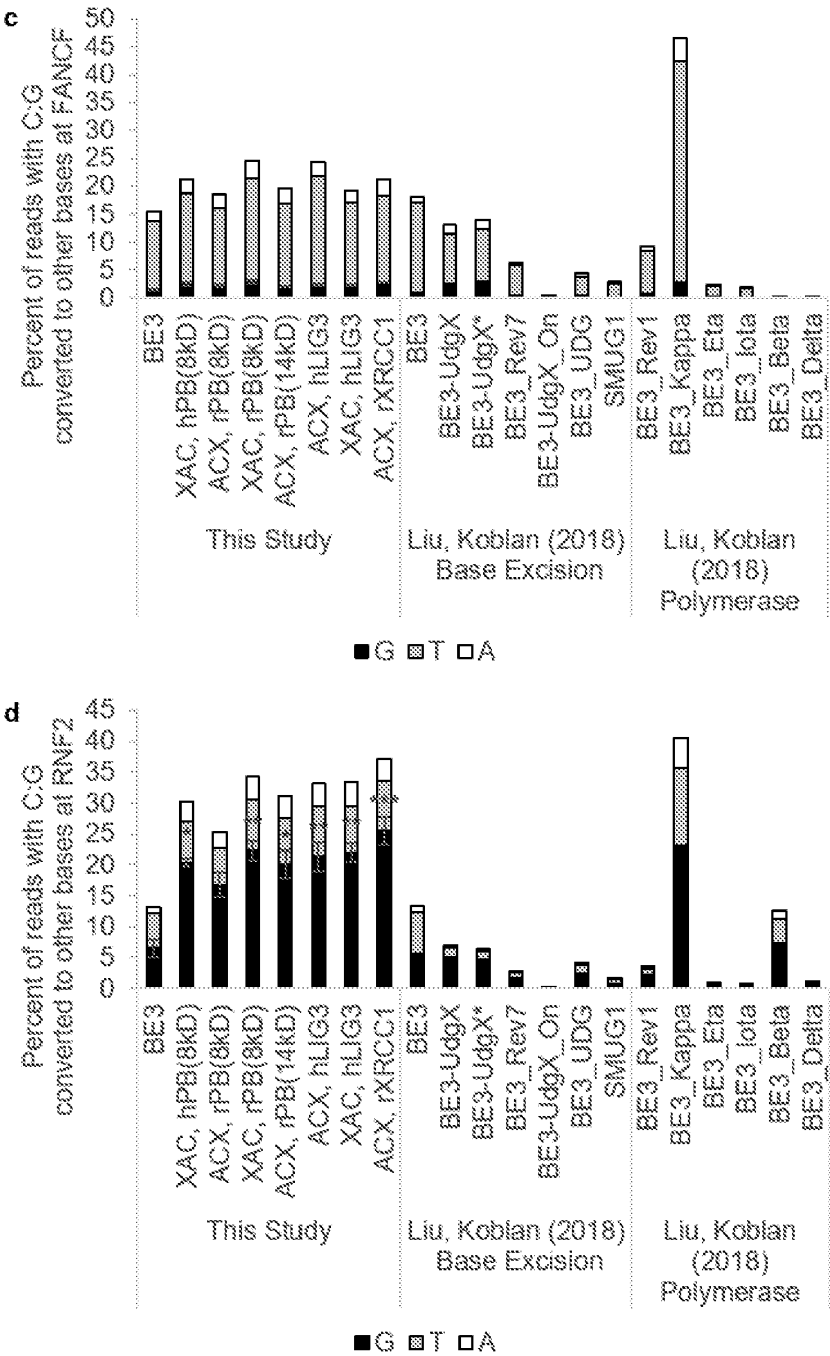


Figure 11 (continued)

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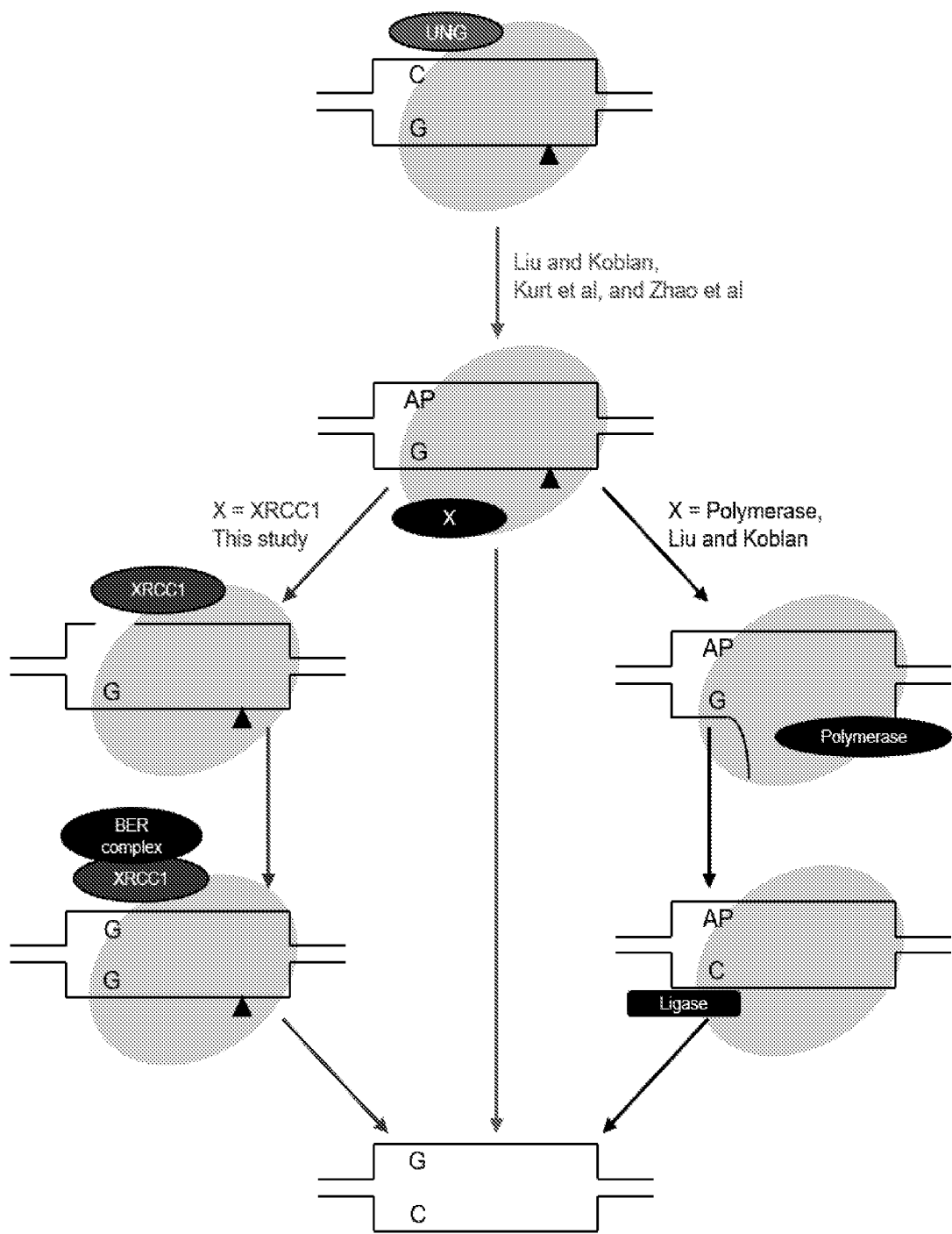


Figure 12

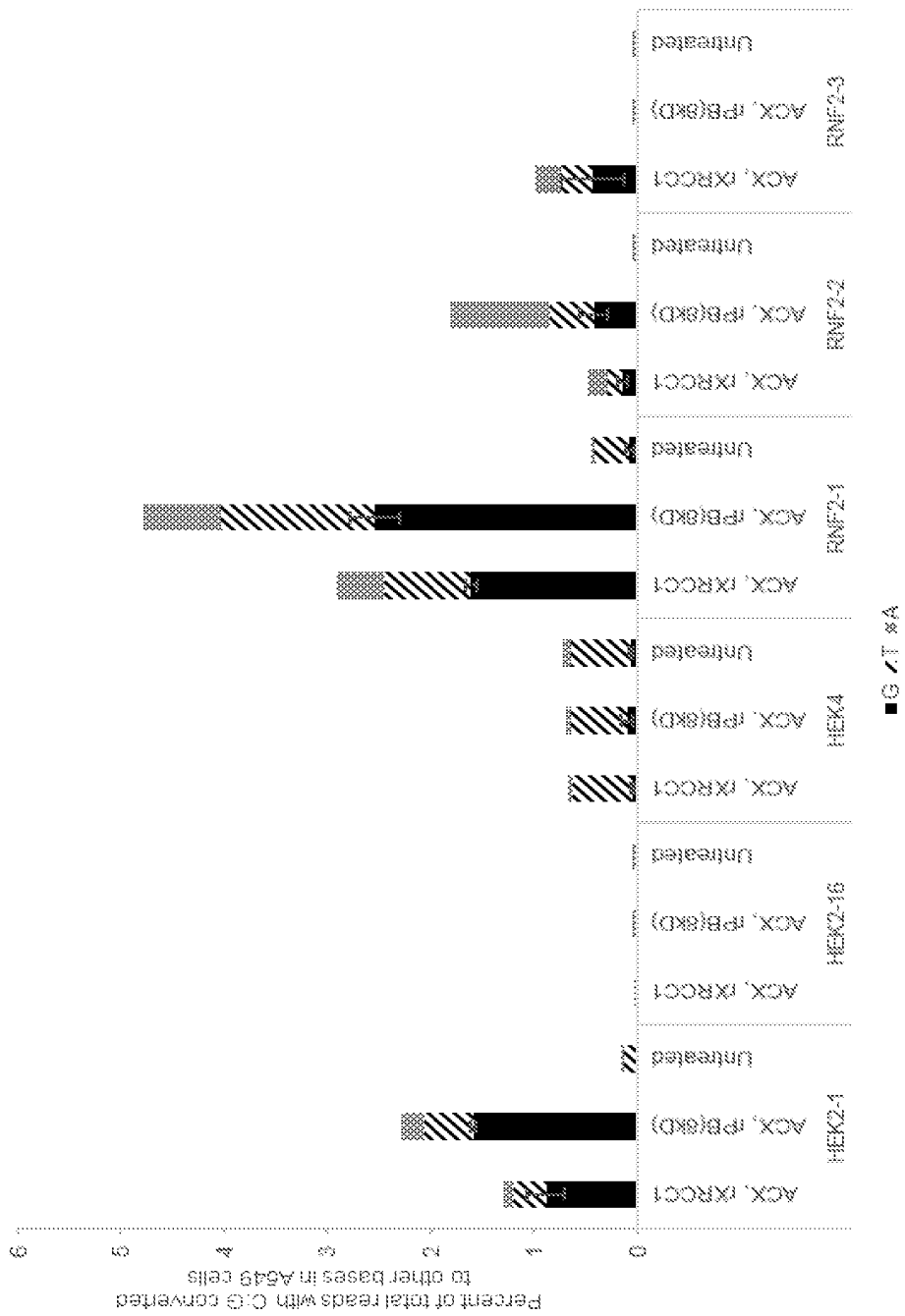


Figure 13

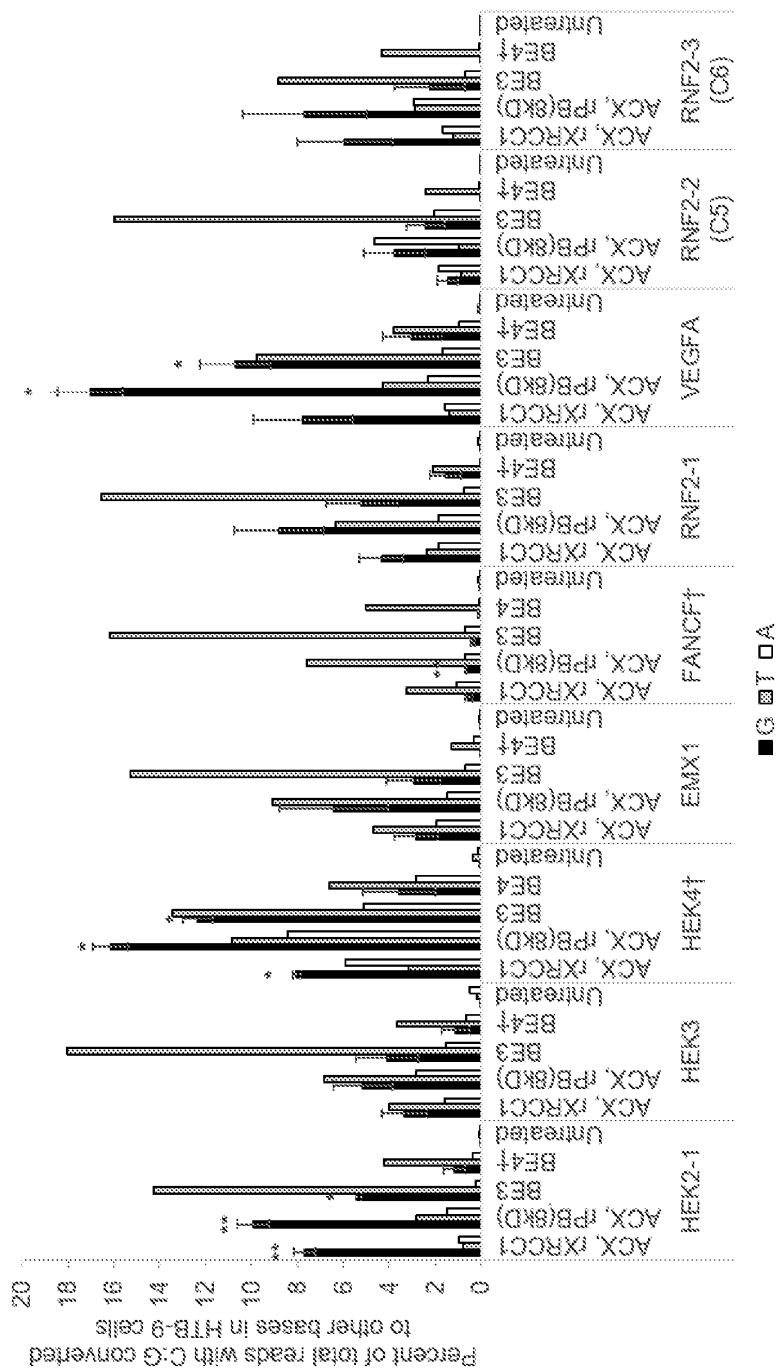


Figure 14

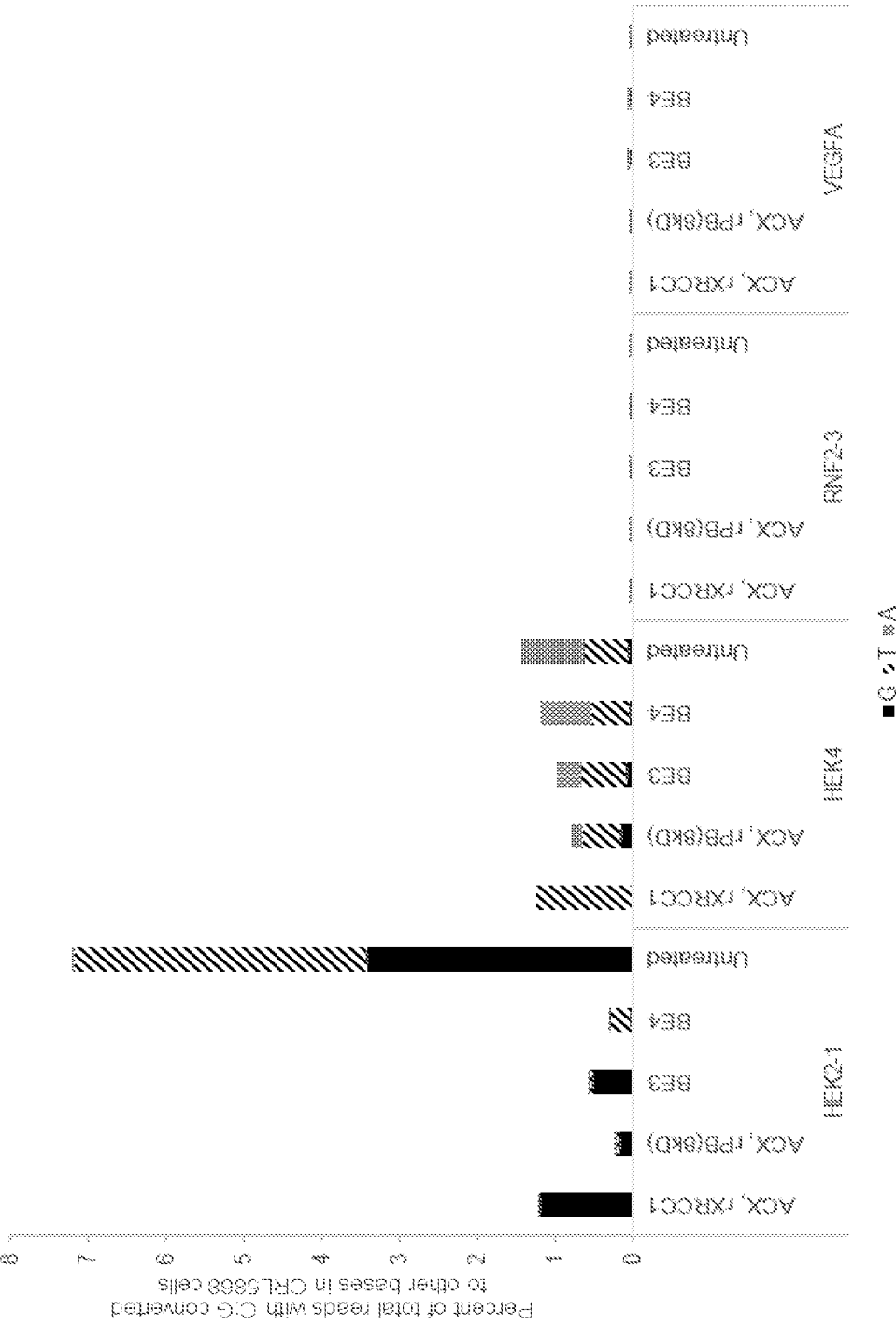


Figure 15

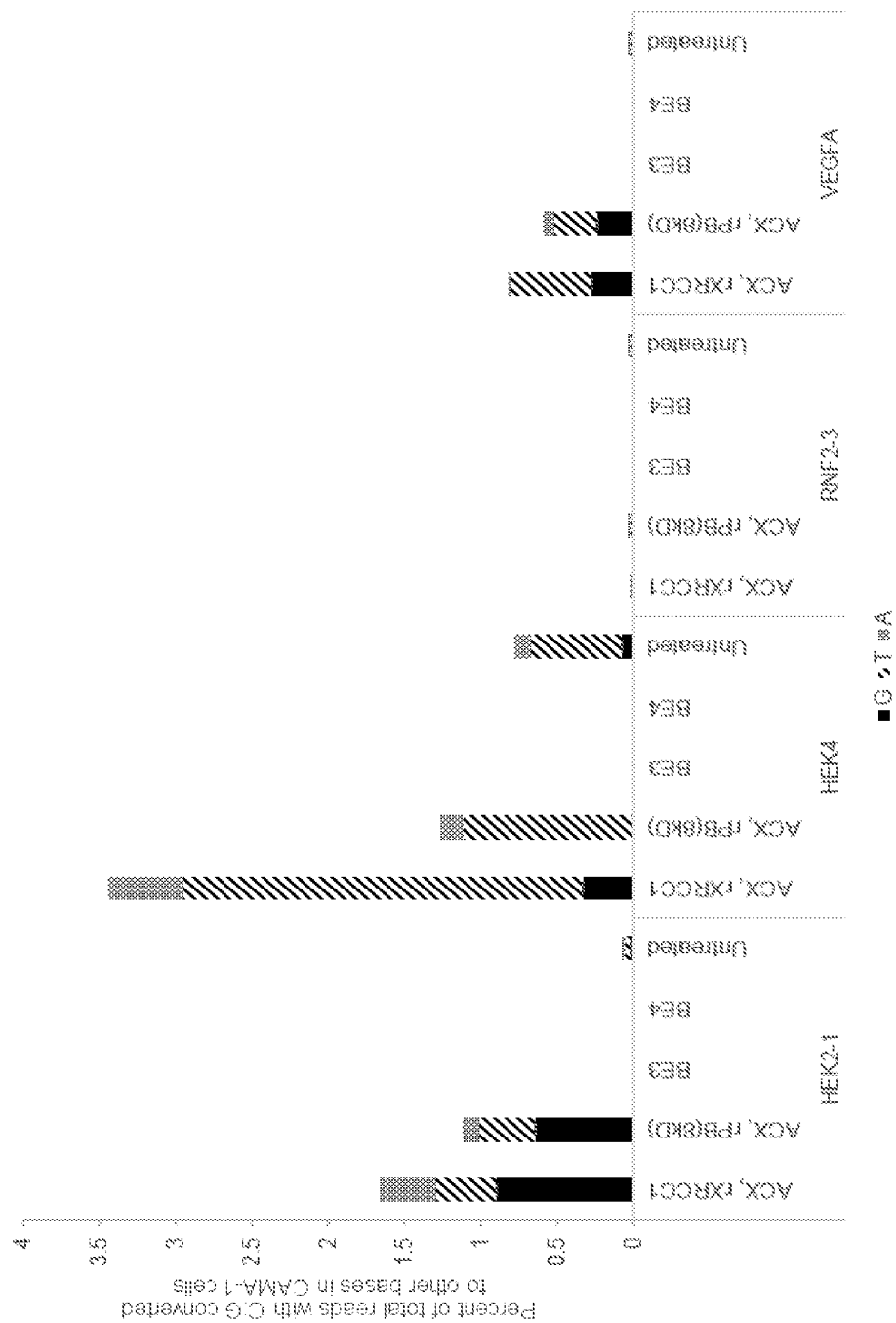


Figure 16

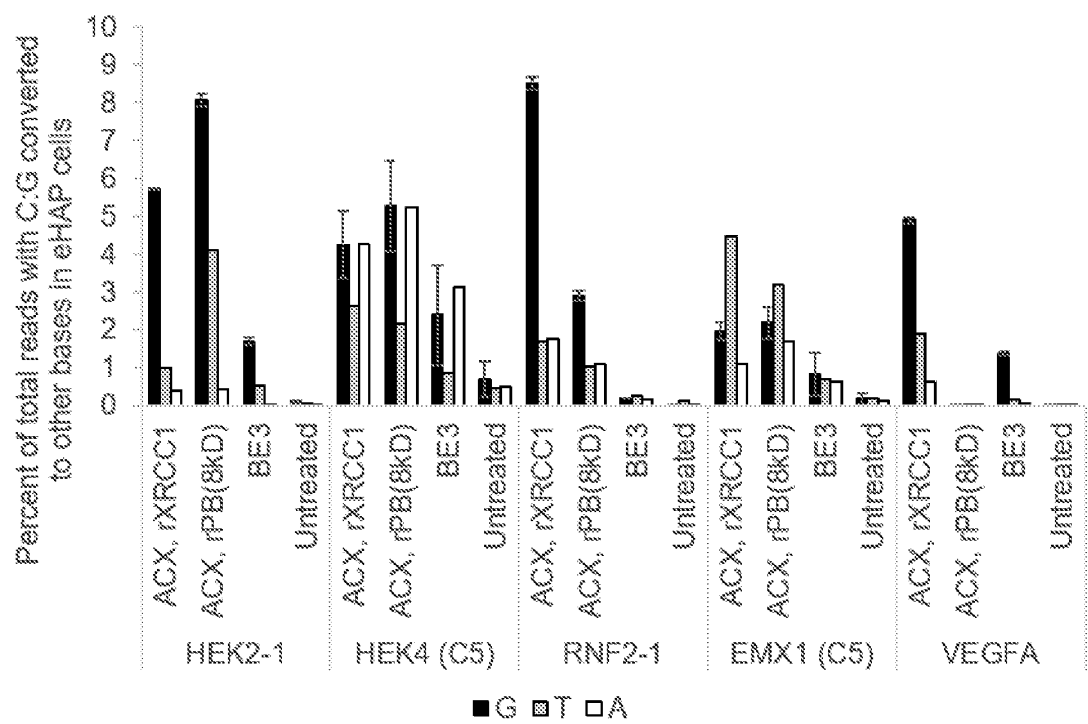


Figure 17

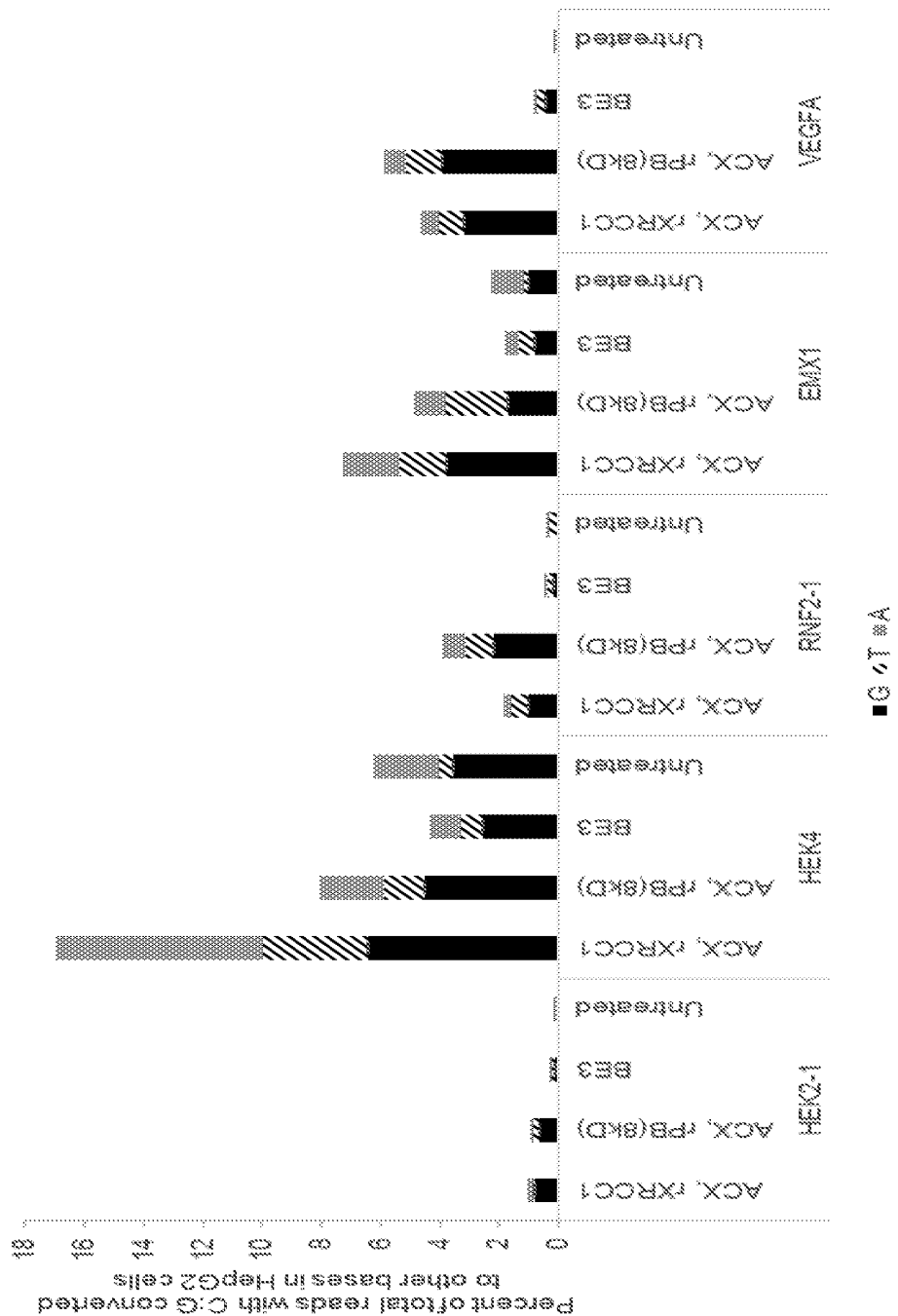


Figure 18

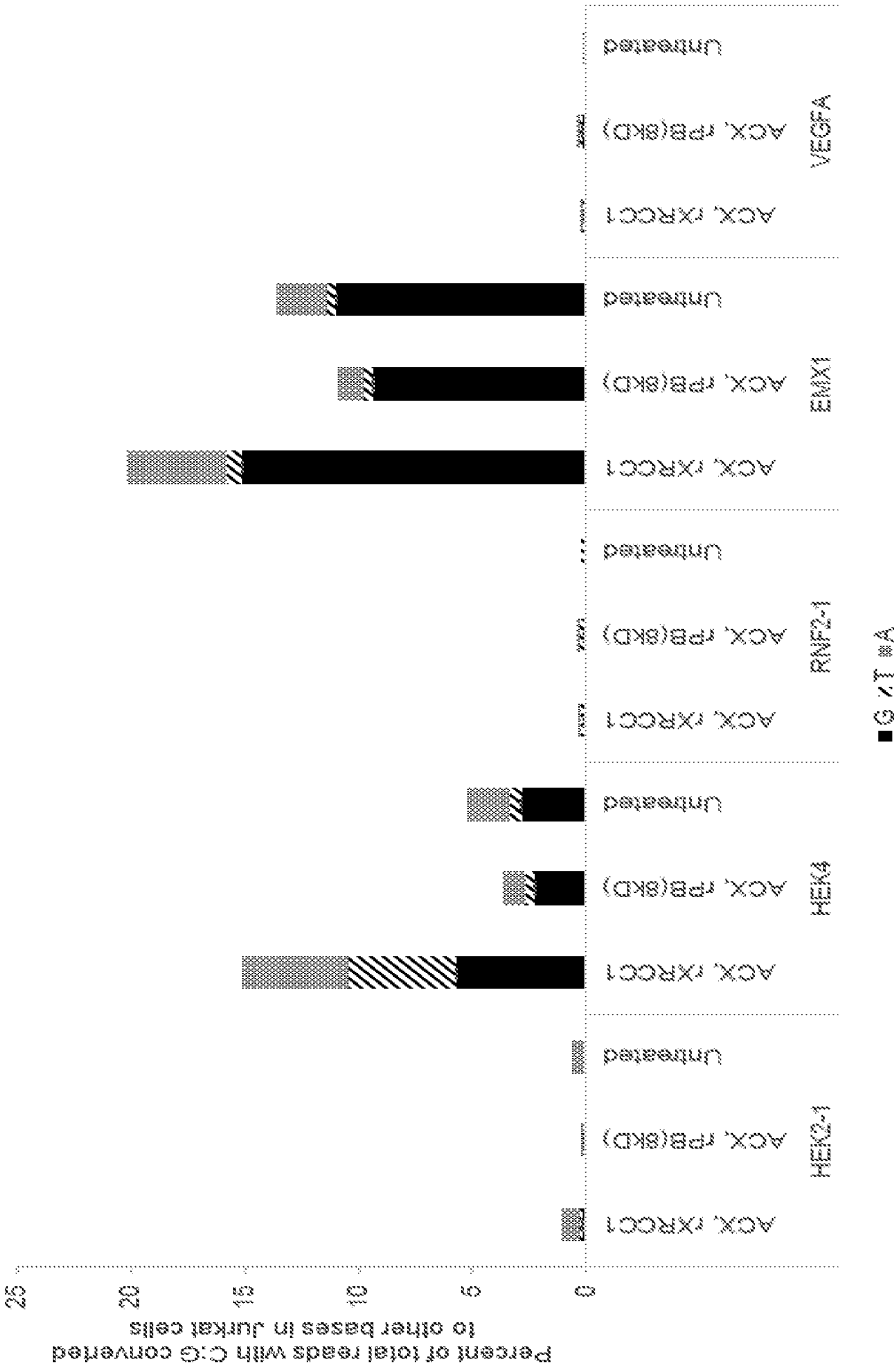


Figure 19

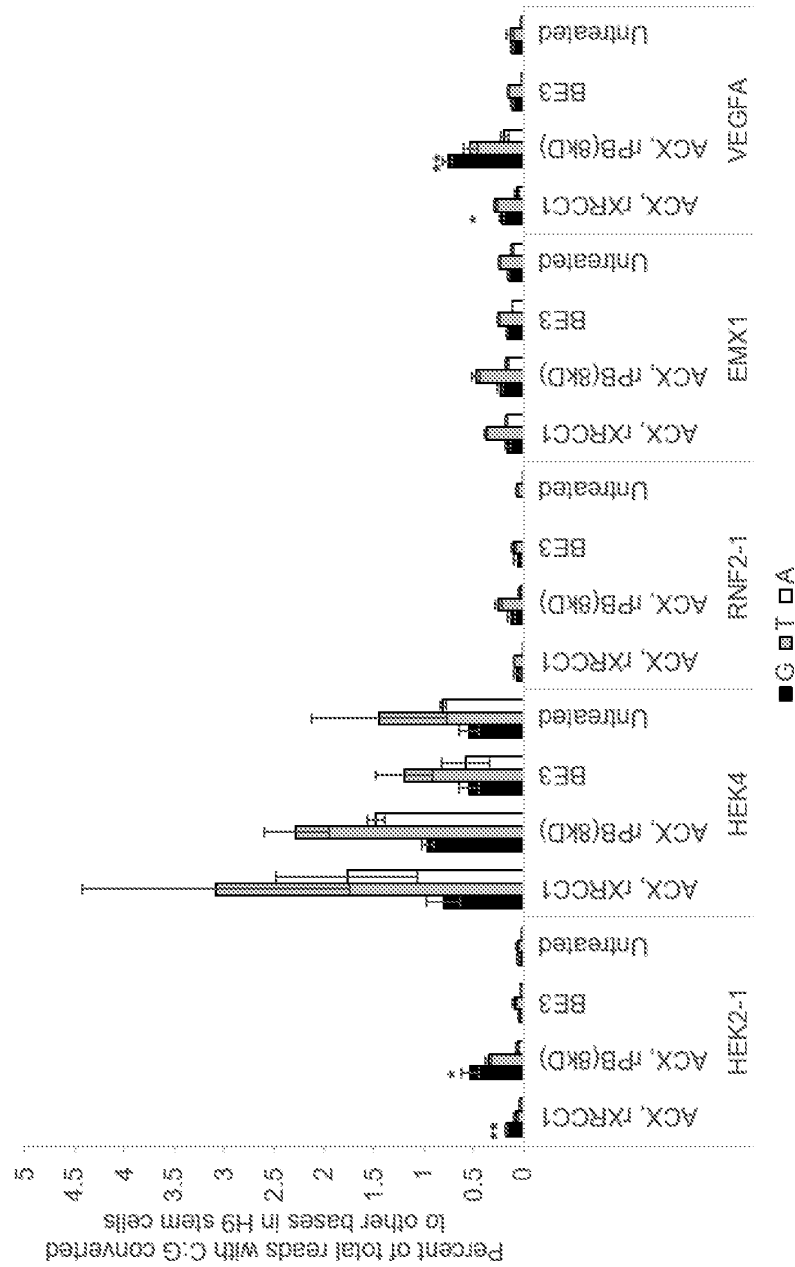


Figure 20