

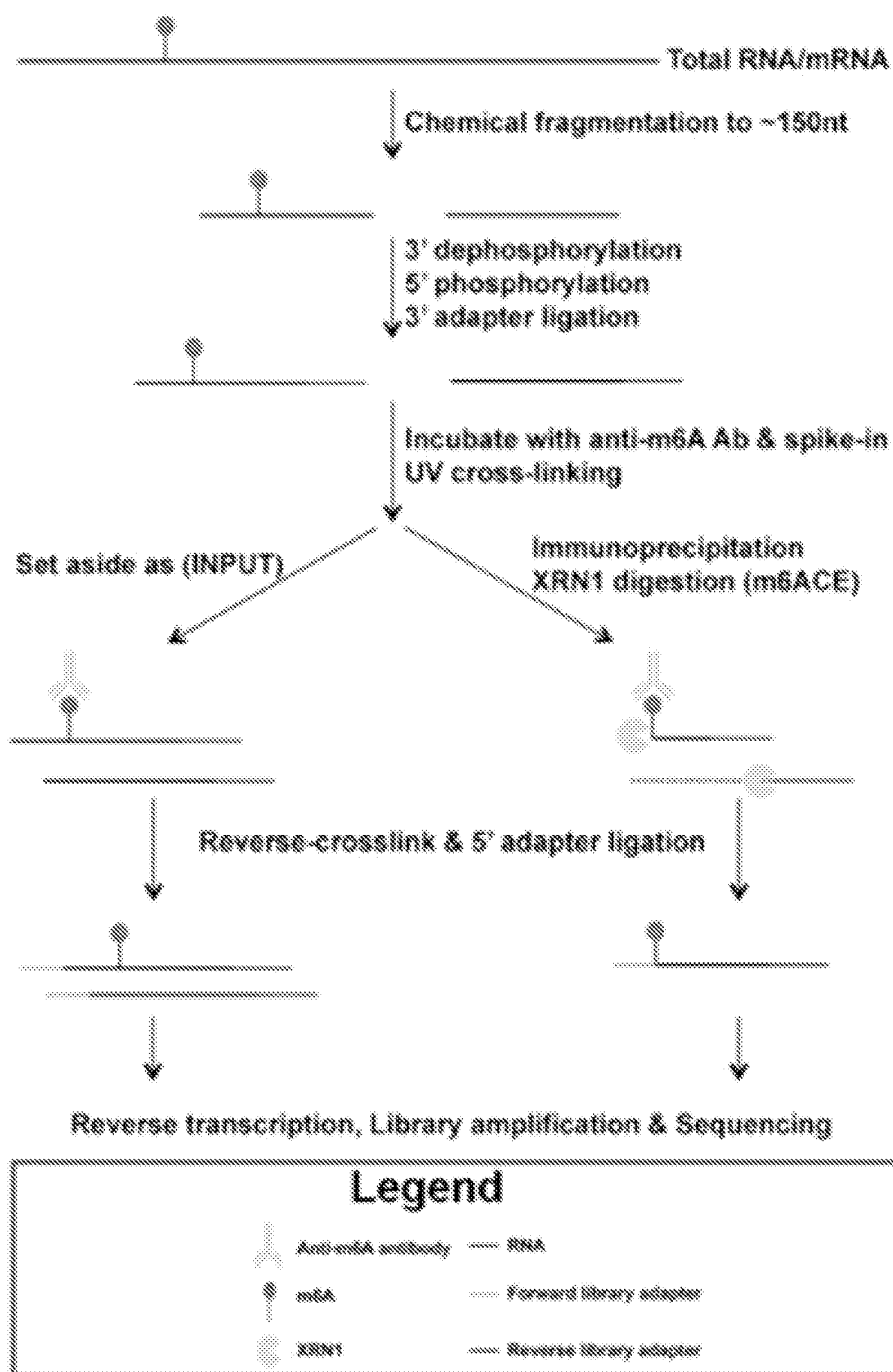
a

Figure 1

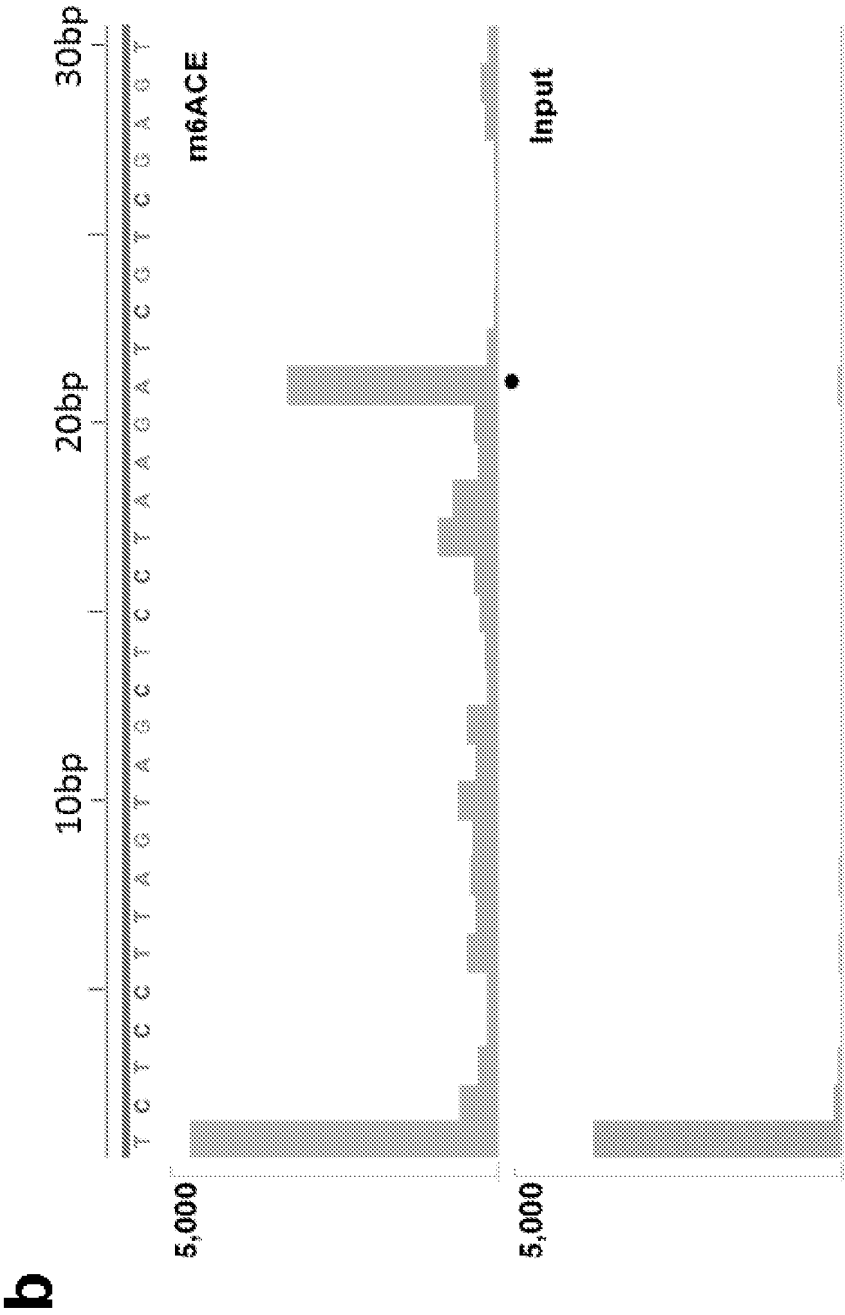


Figure 1 (Continued)

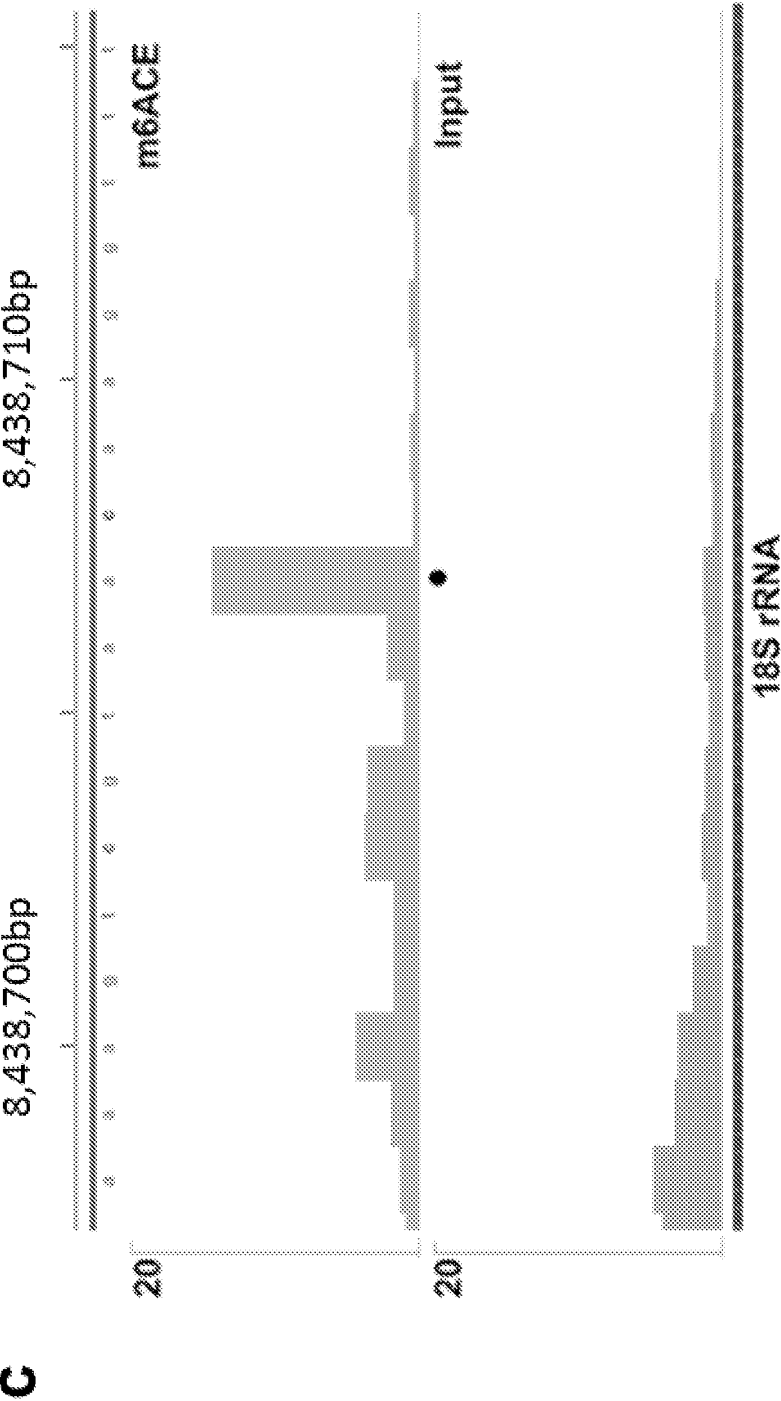


Figure 1 (Continued)

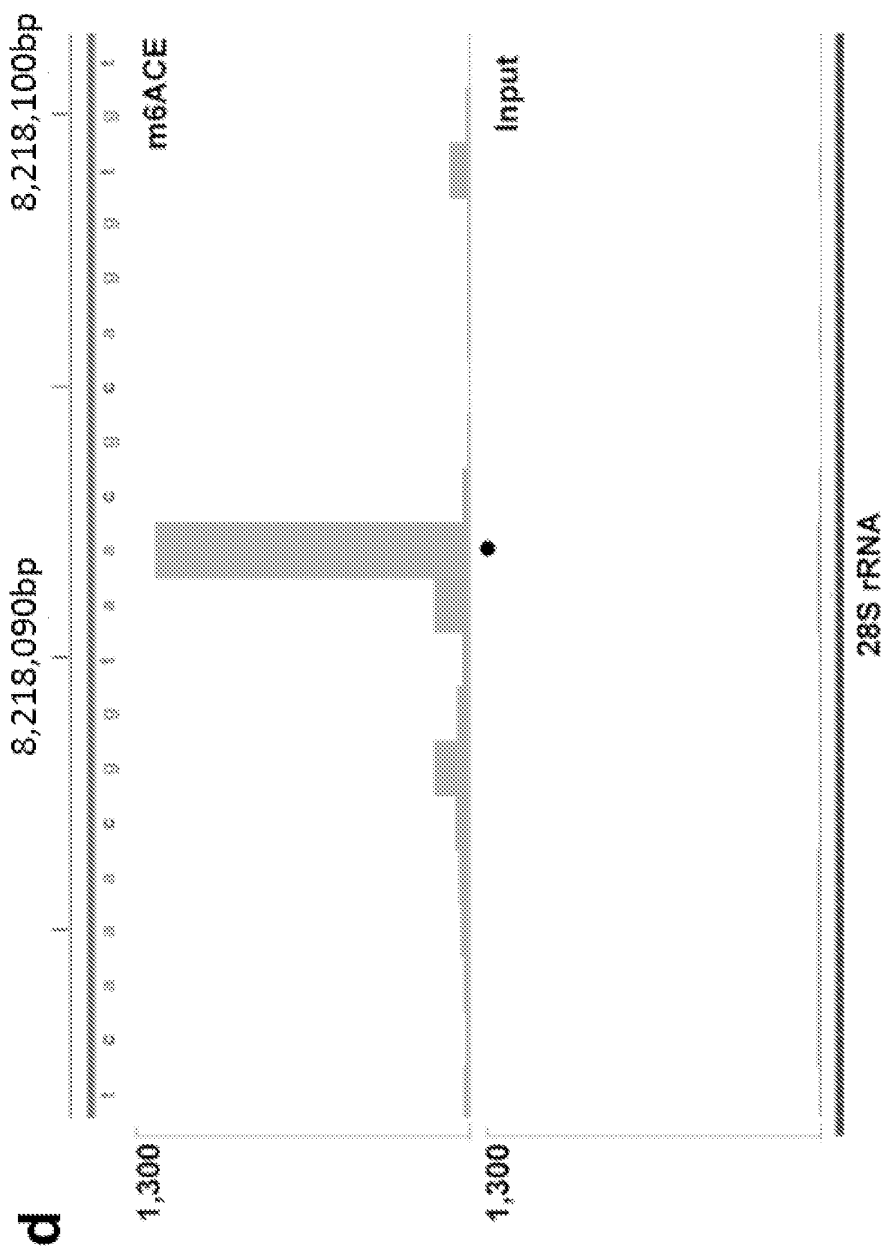


Figure 1 (Continued)

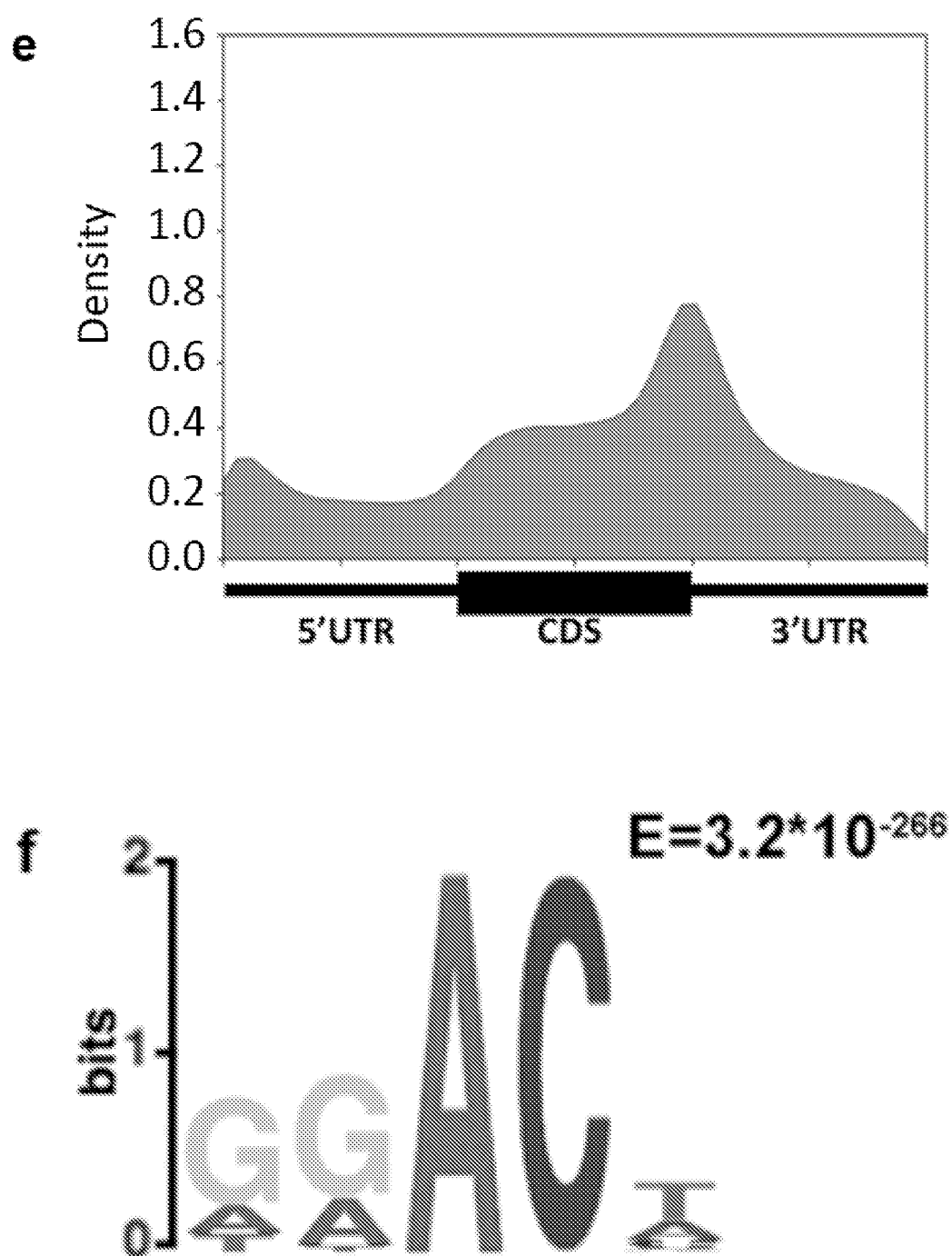


Figure 1 (Continued)

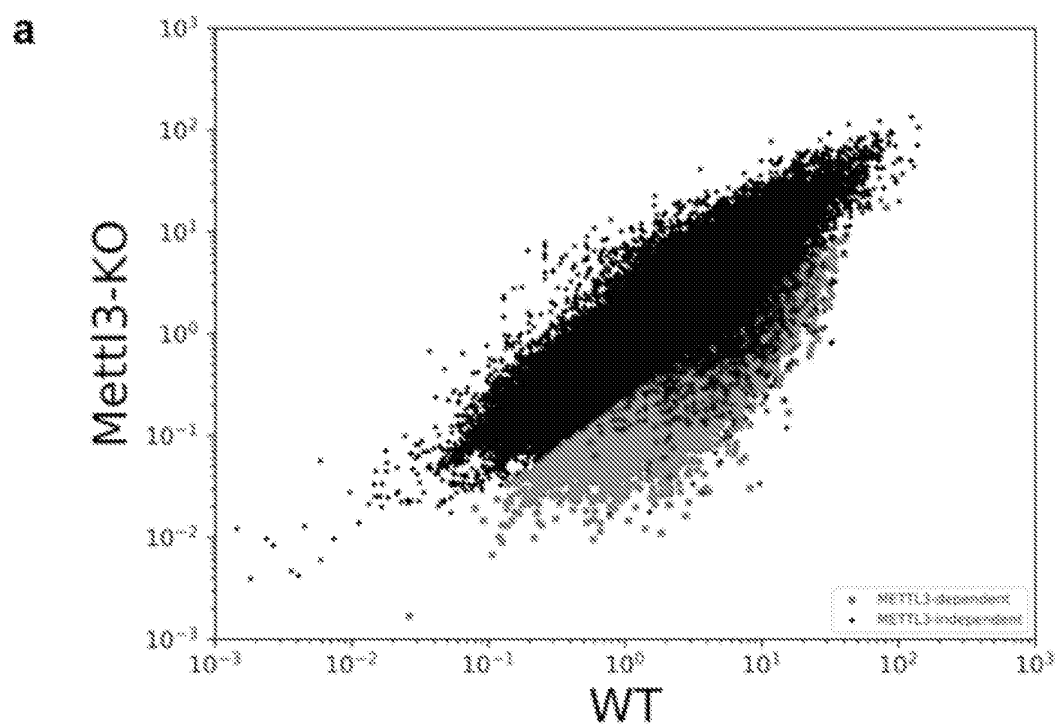


Figure 2

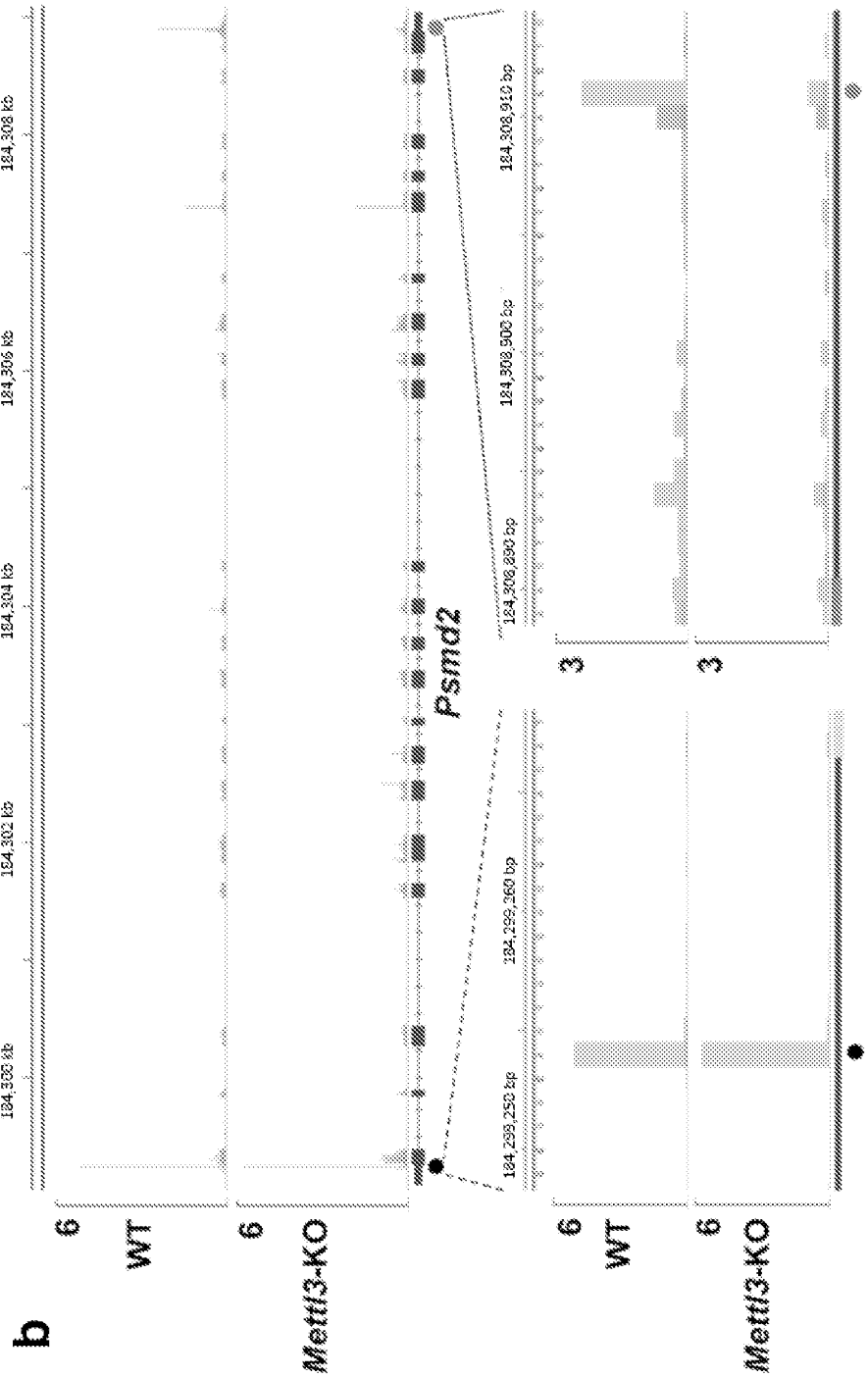
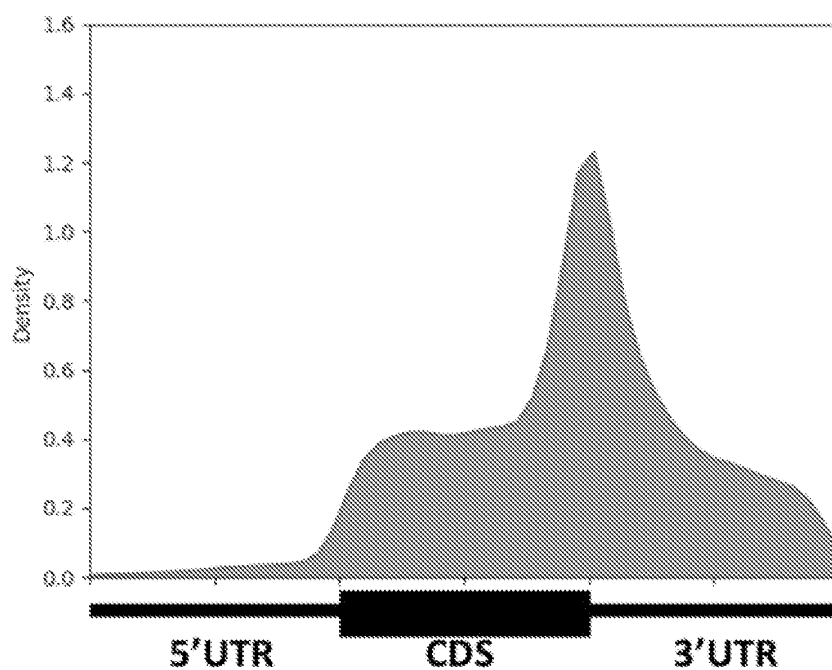


Figure 2 (Continued)

c**d**

$$E=4.2 \times 10^{-439}$$



Figure 2 (Continued)

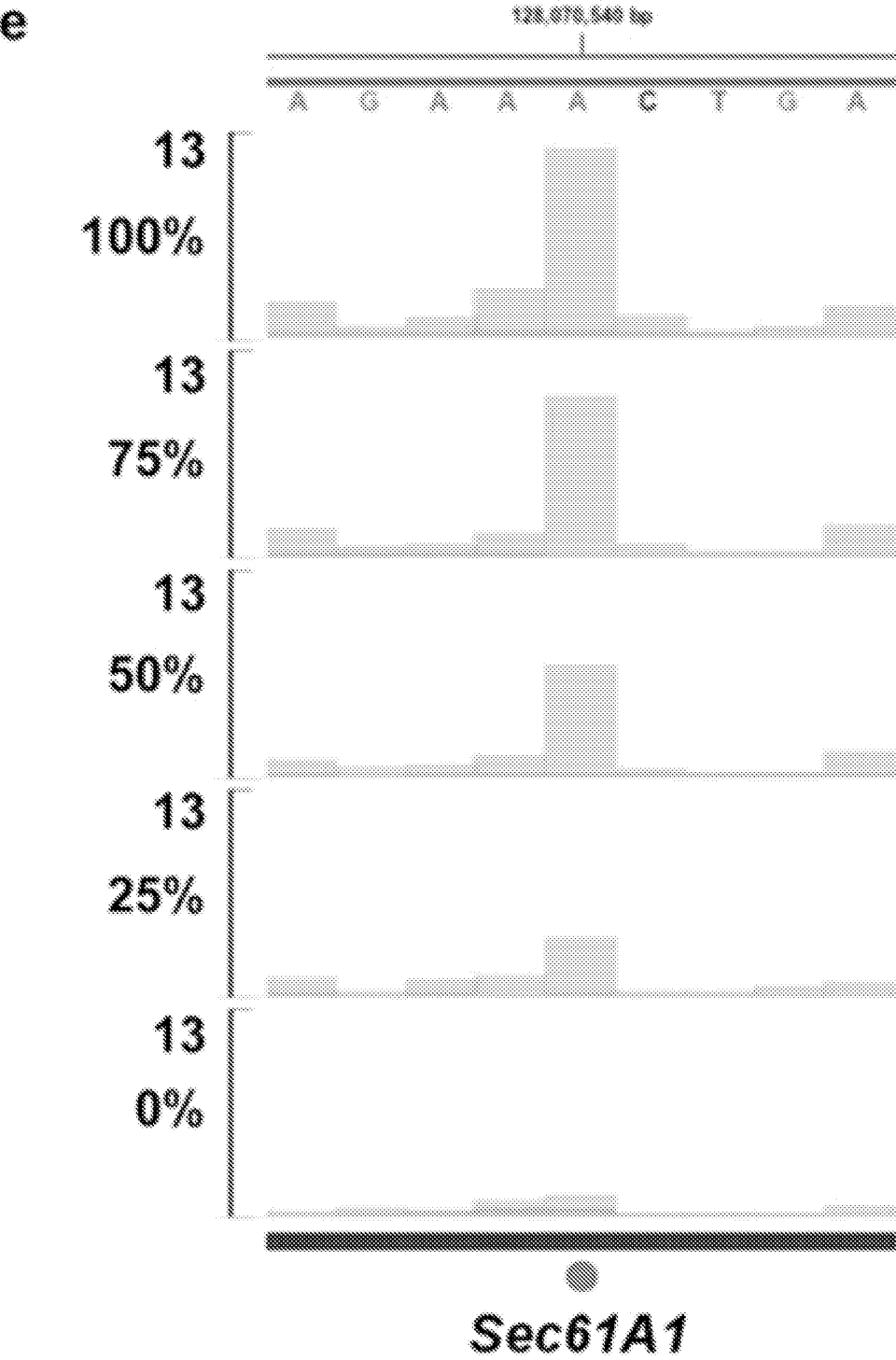


Figure 2 (Continued)

f

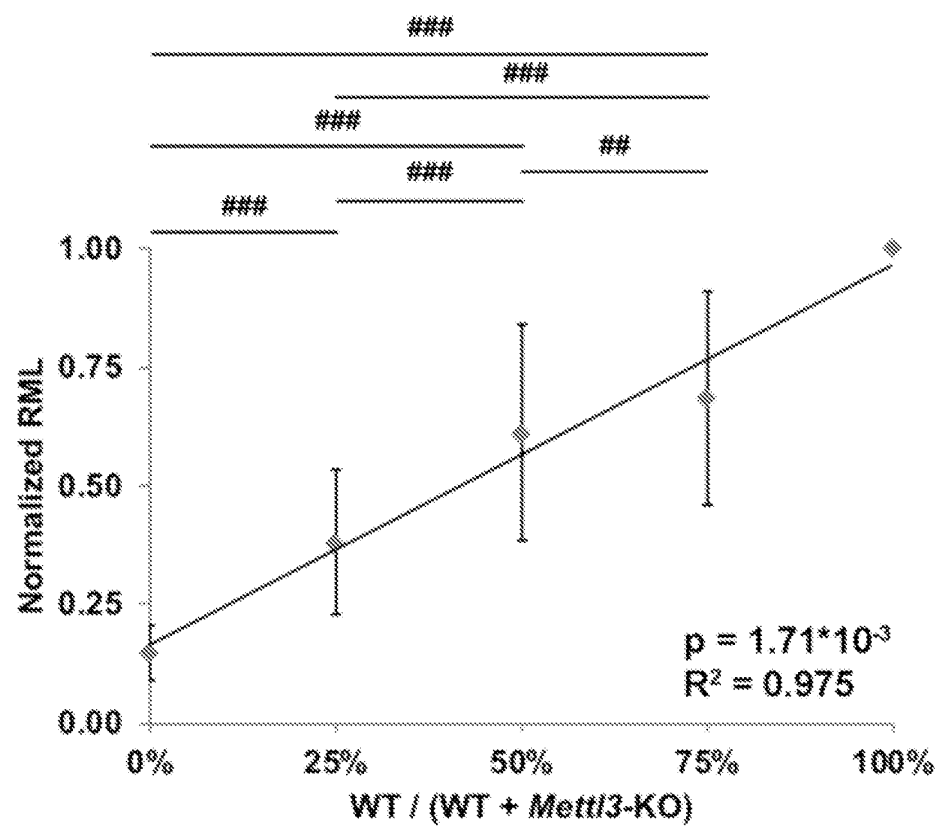


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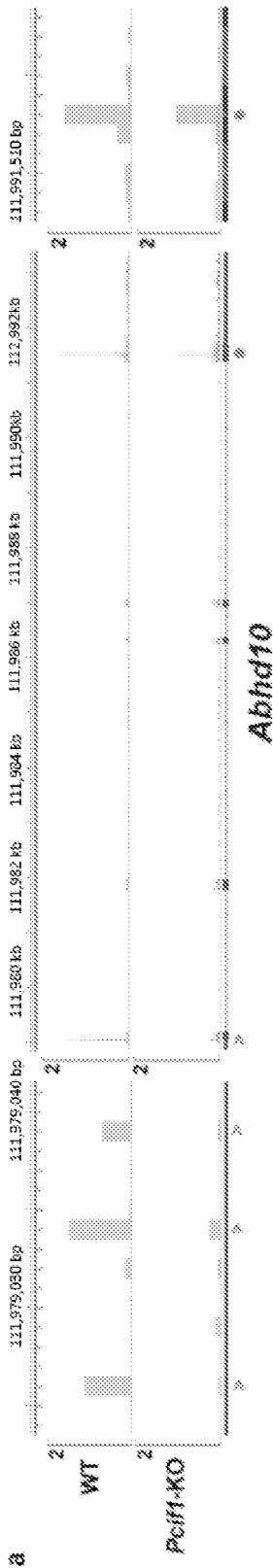


Figure 3

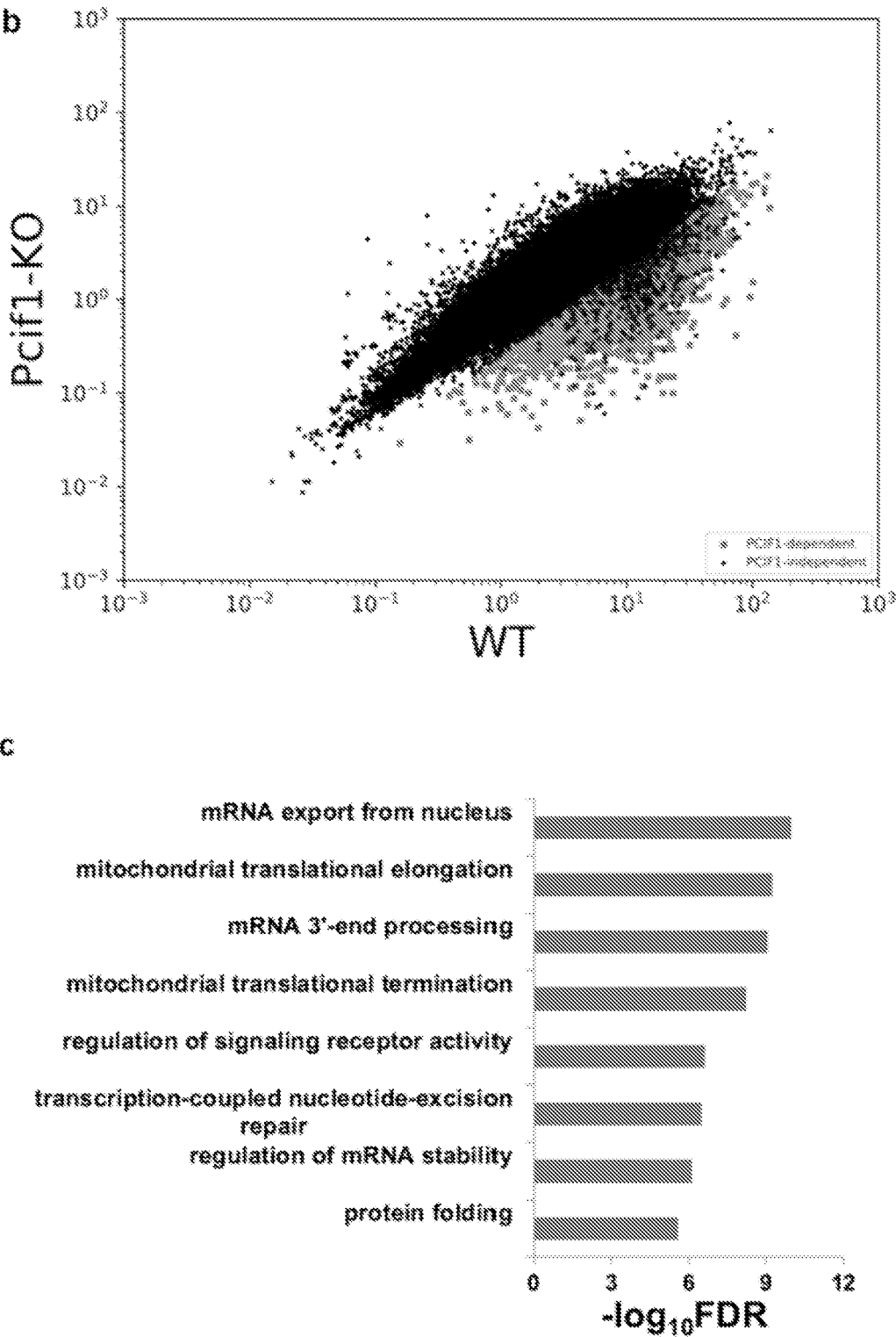


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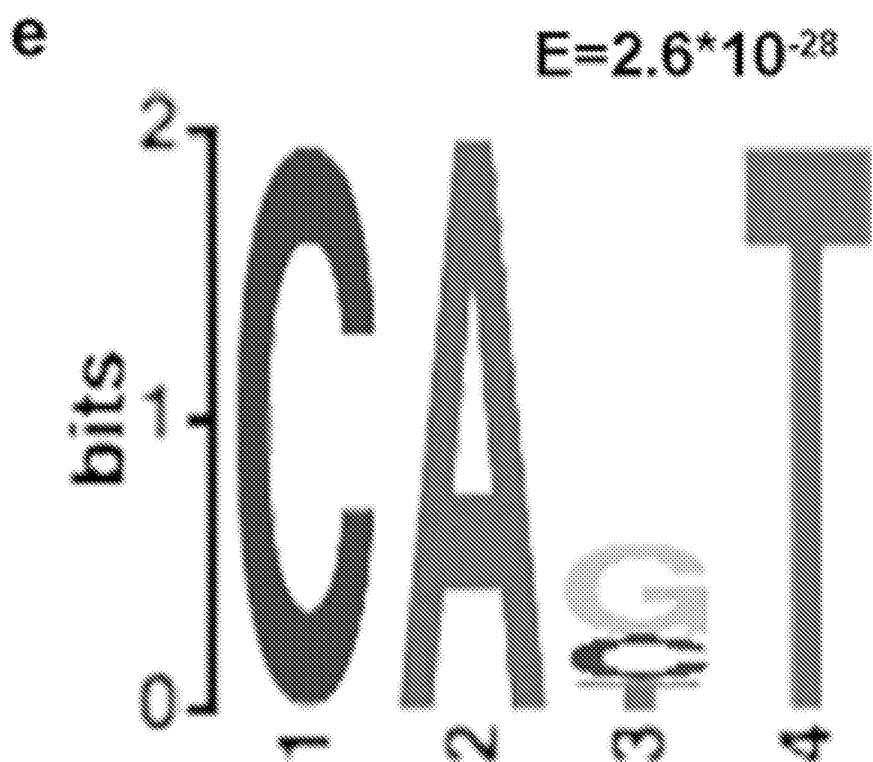
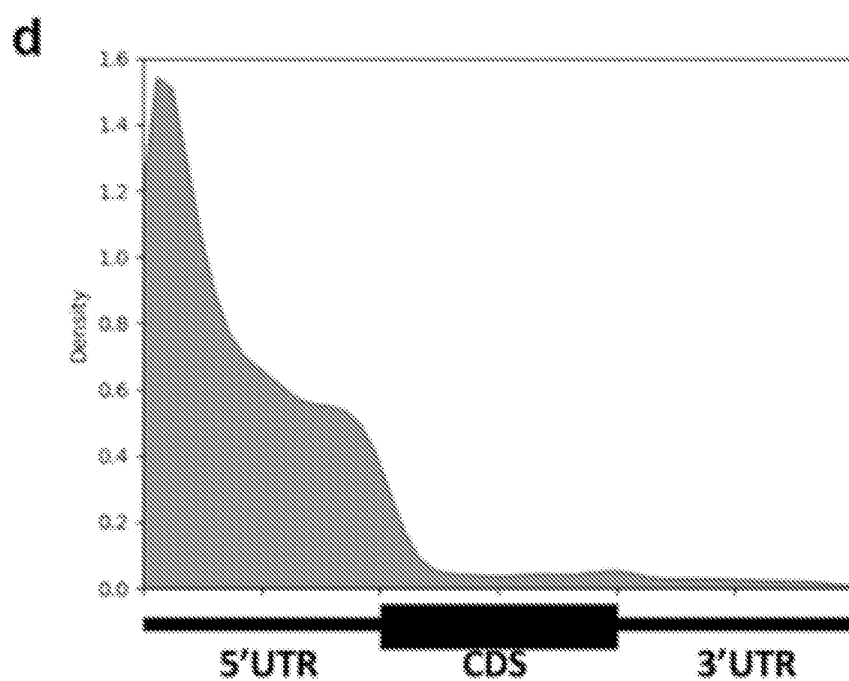


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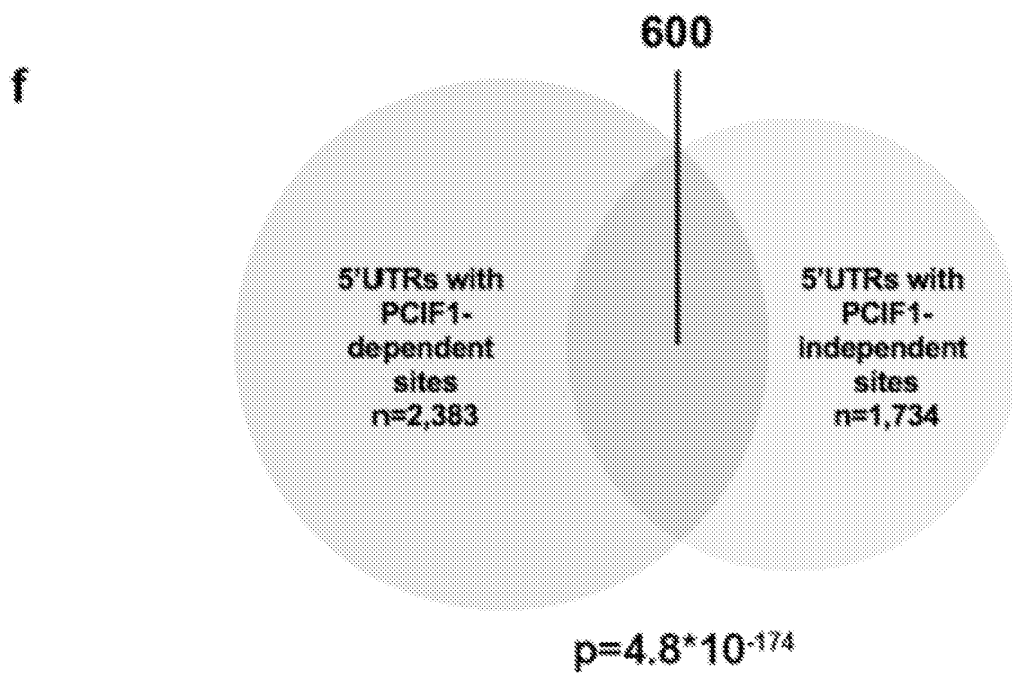


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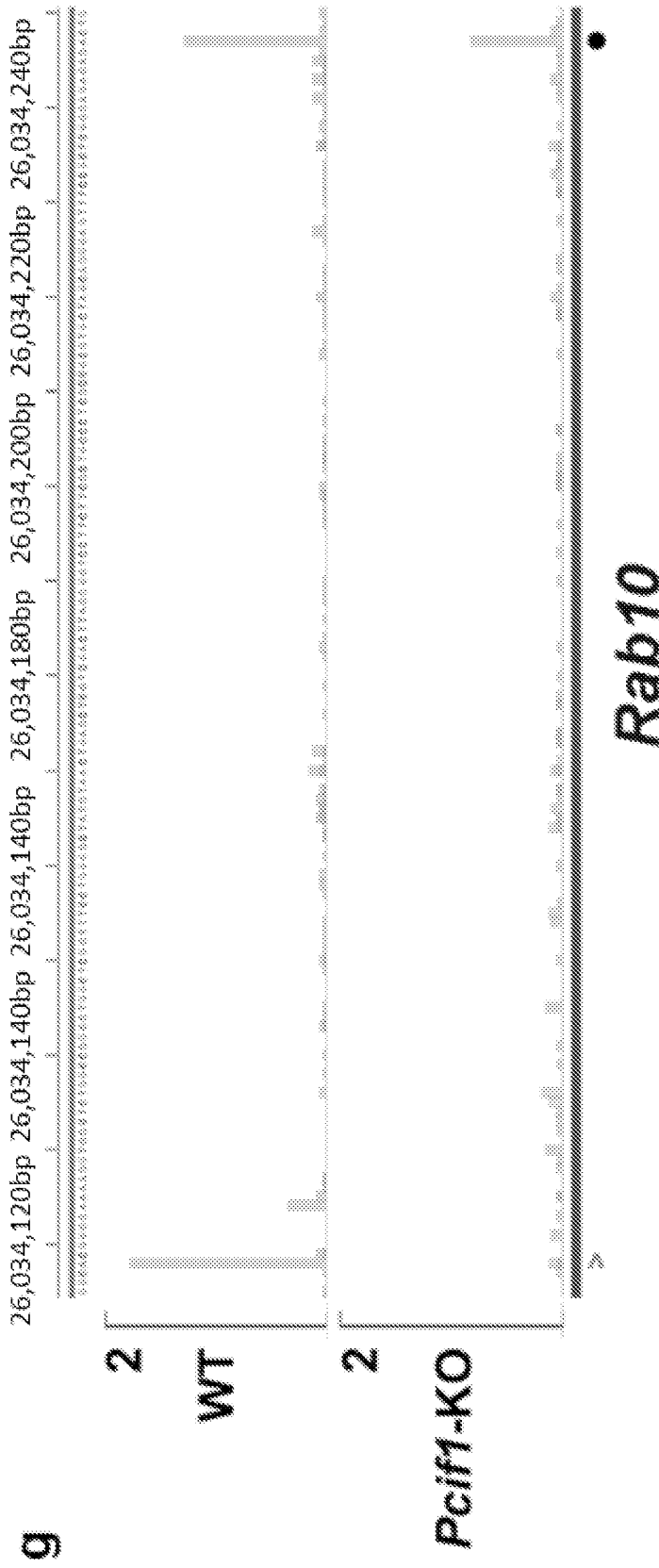
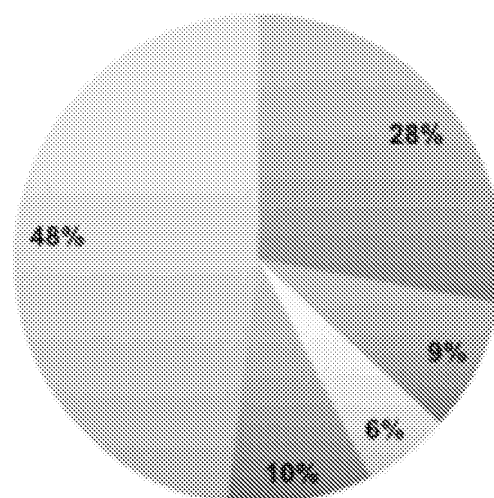
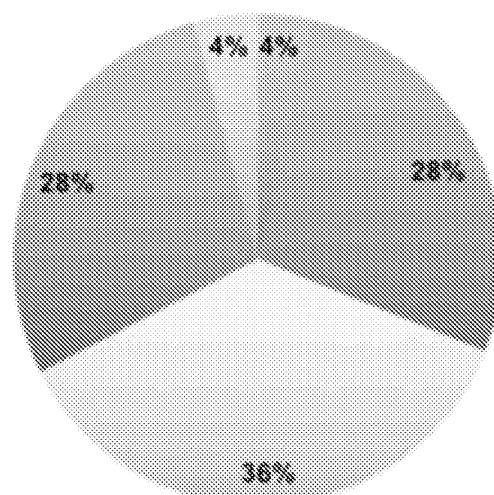


Figure 3 (Continued)

h All identified m6A/m6Am



PCIF1-dependent m6Am



- >100nt upstream
- <100nt upstream
- At TSS
- <100nt downstream
- >100nt downstream

Figure 3 (Continued)

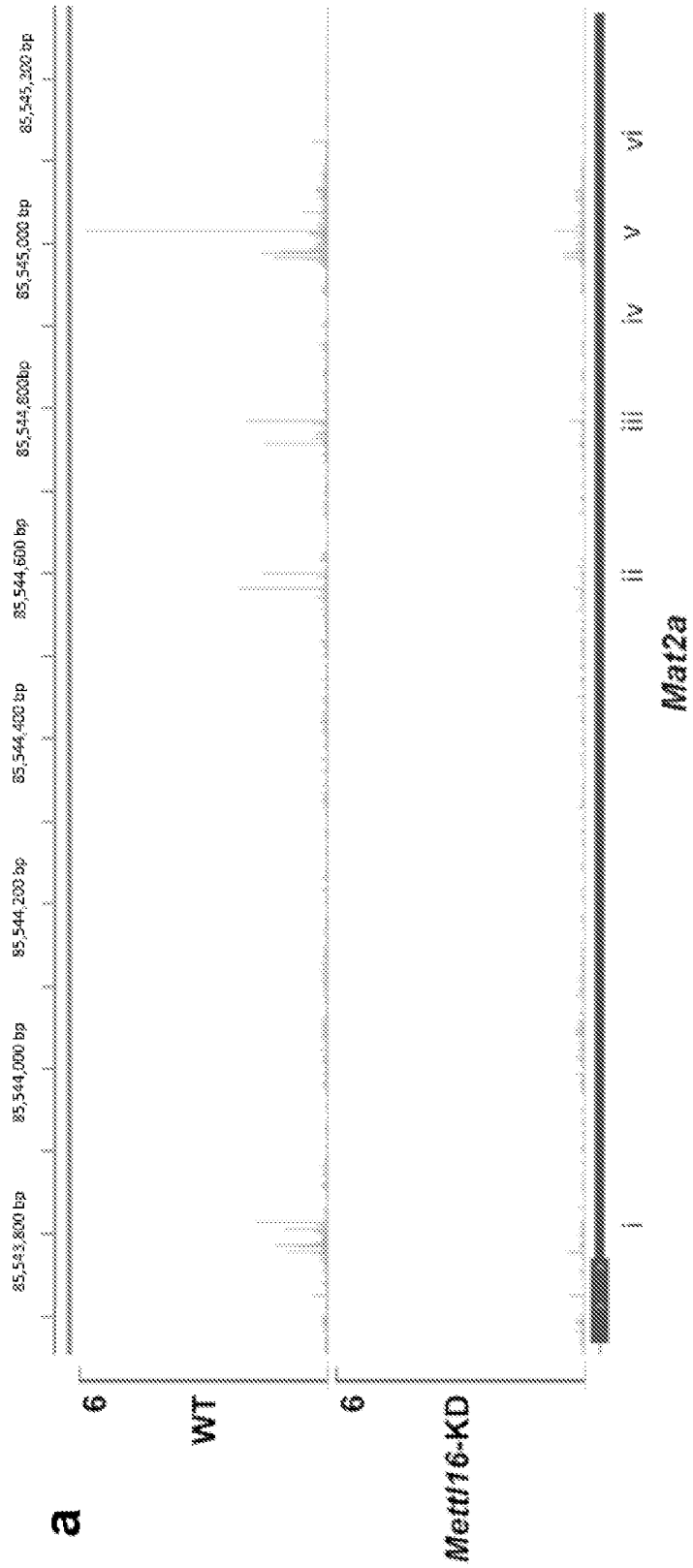


Figure 4

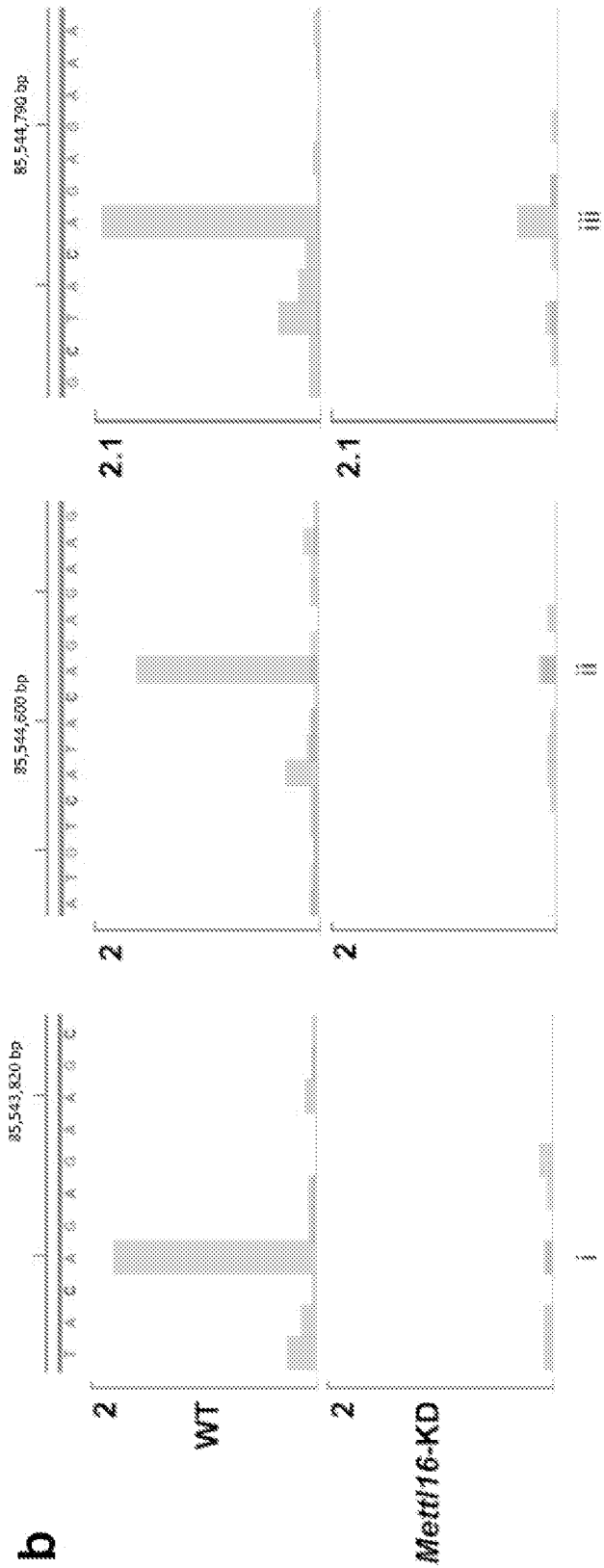
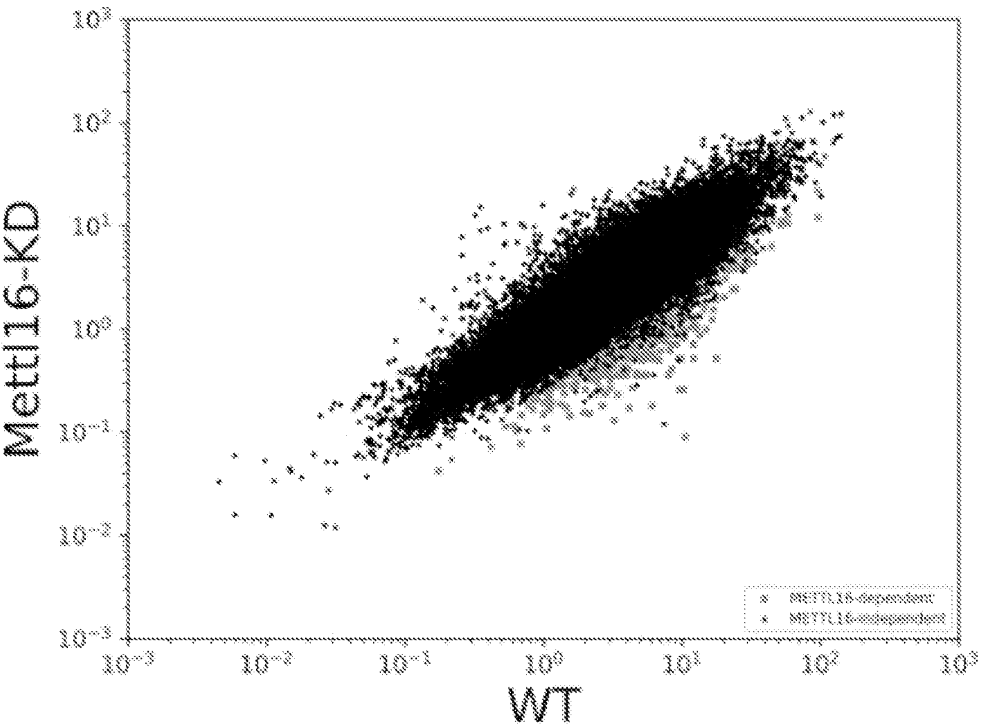


Figure 4 (Continued)

c



d

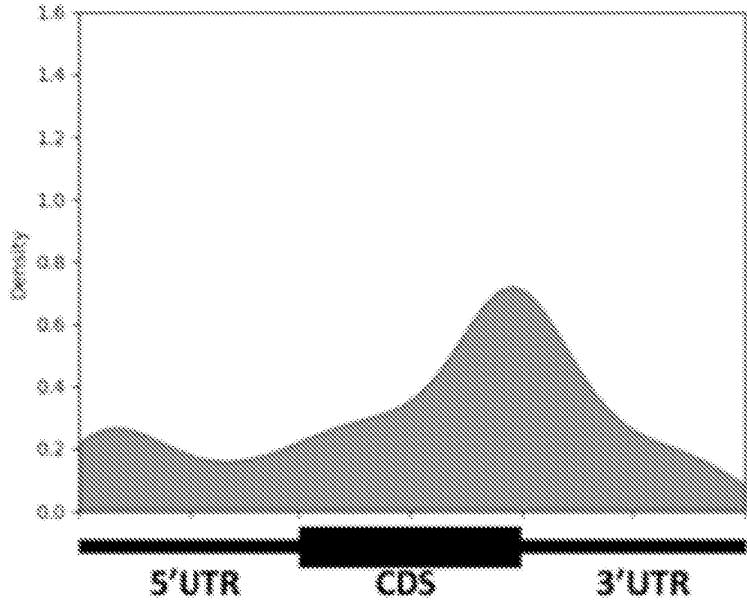


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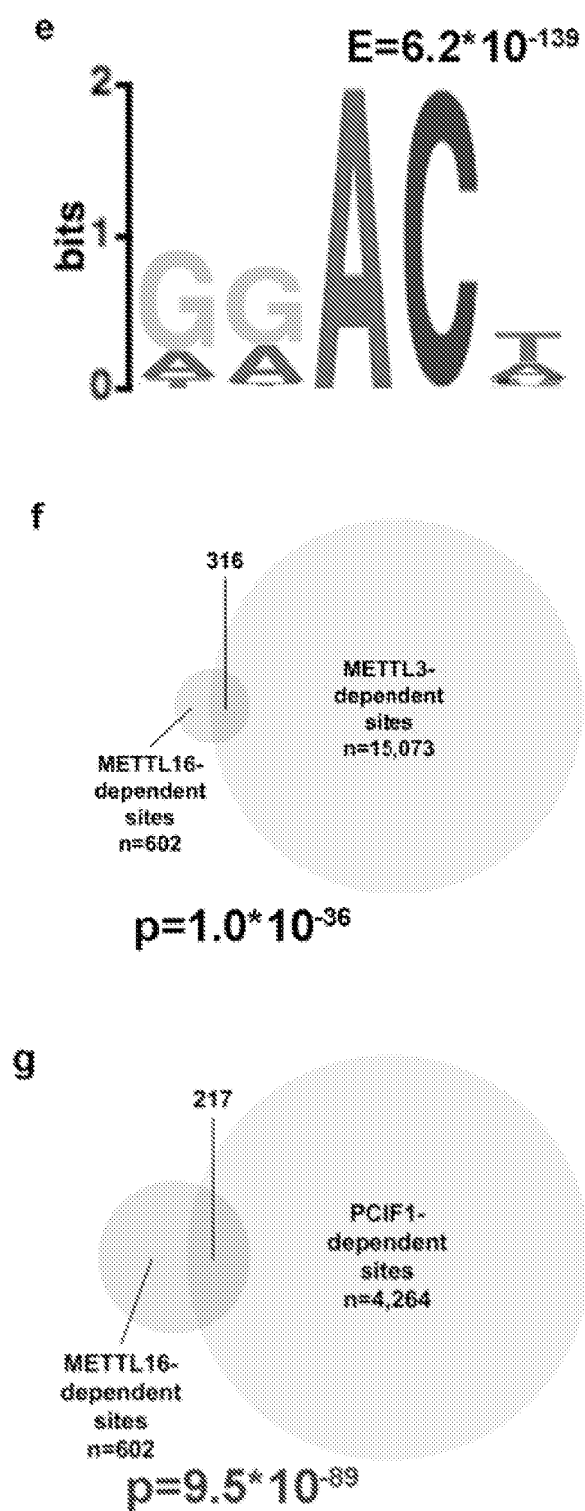


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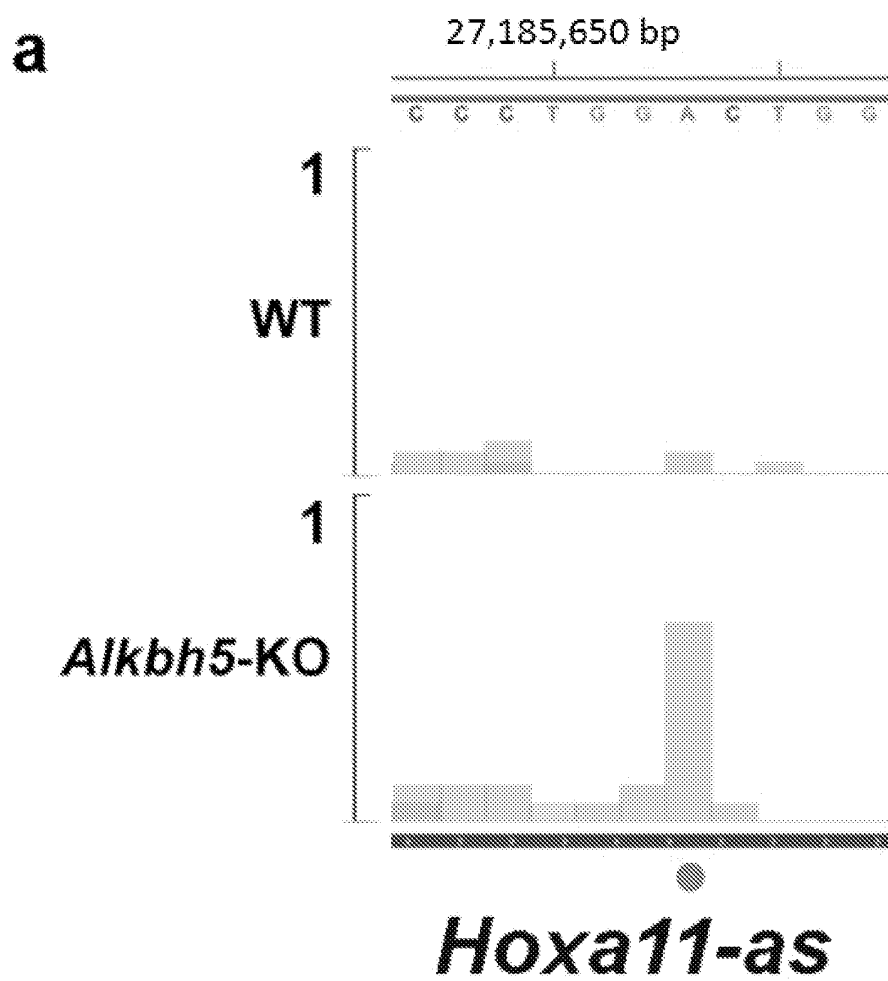


Figure 5

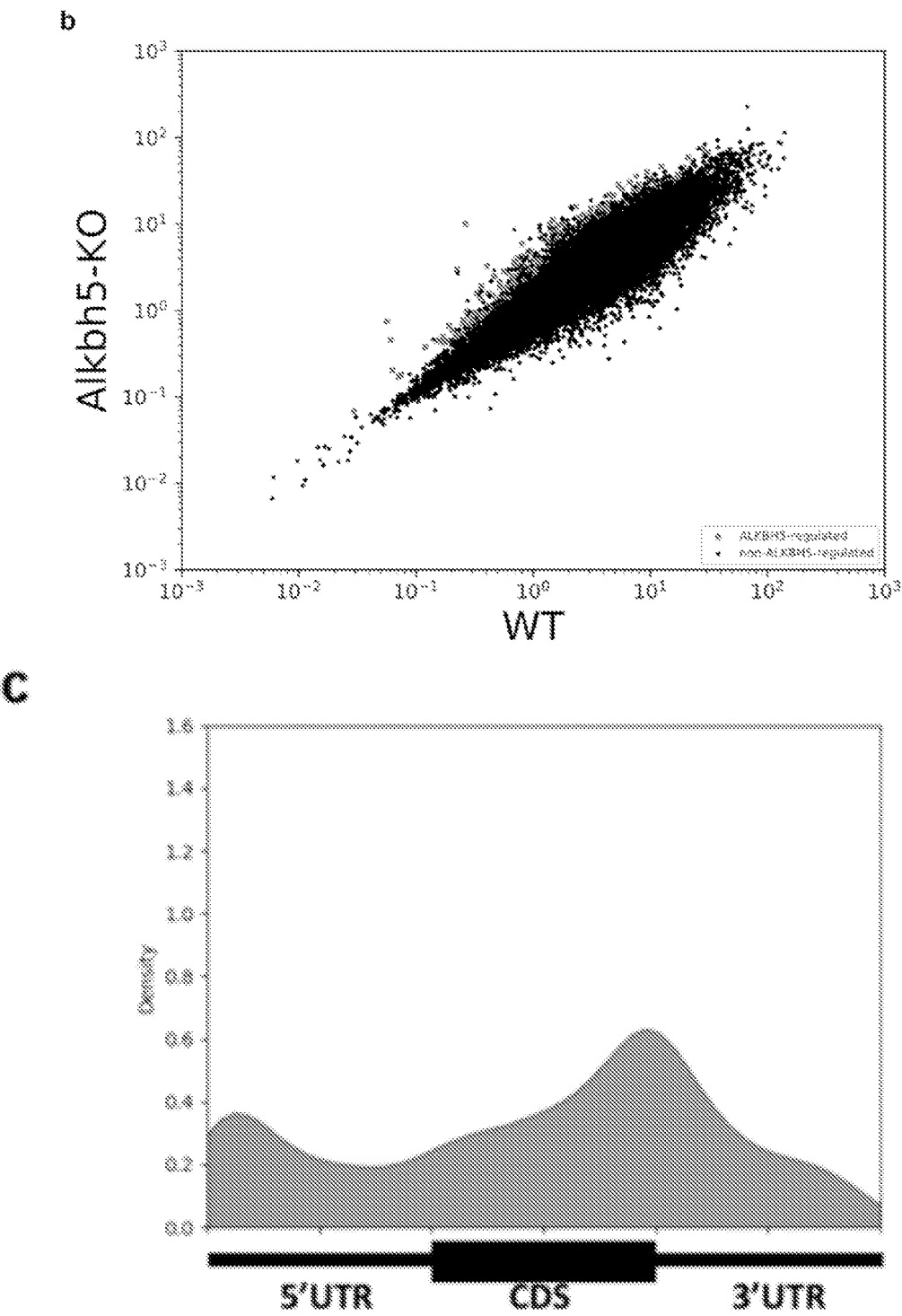


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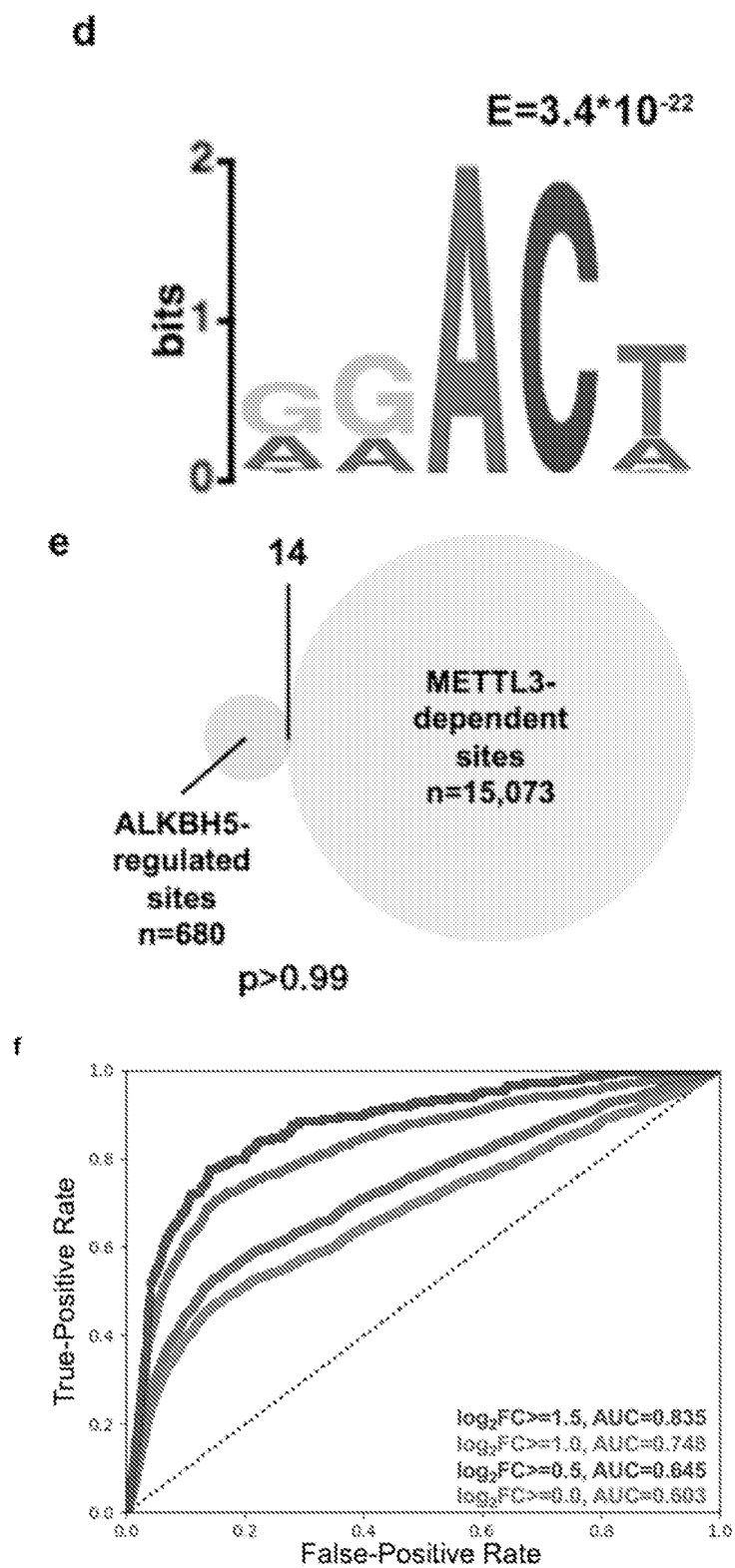


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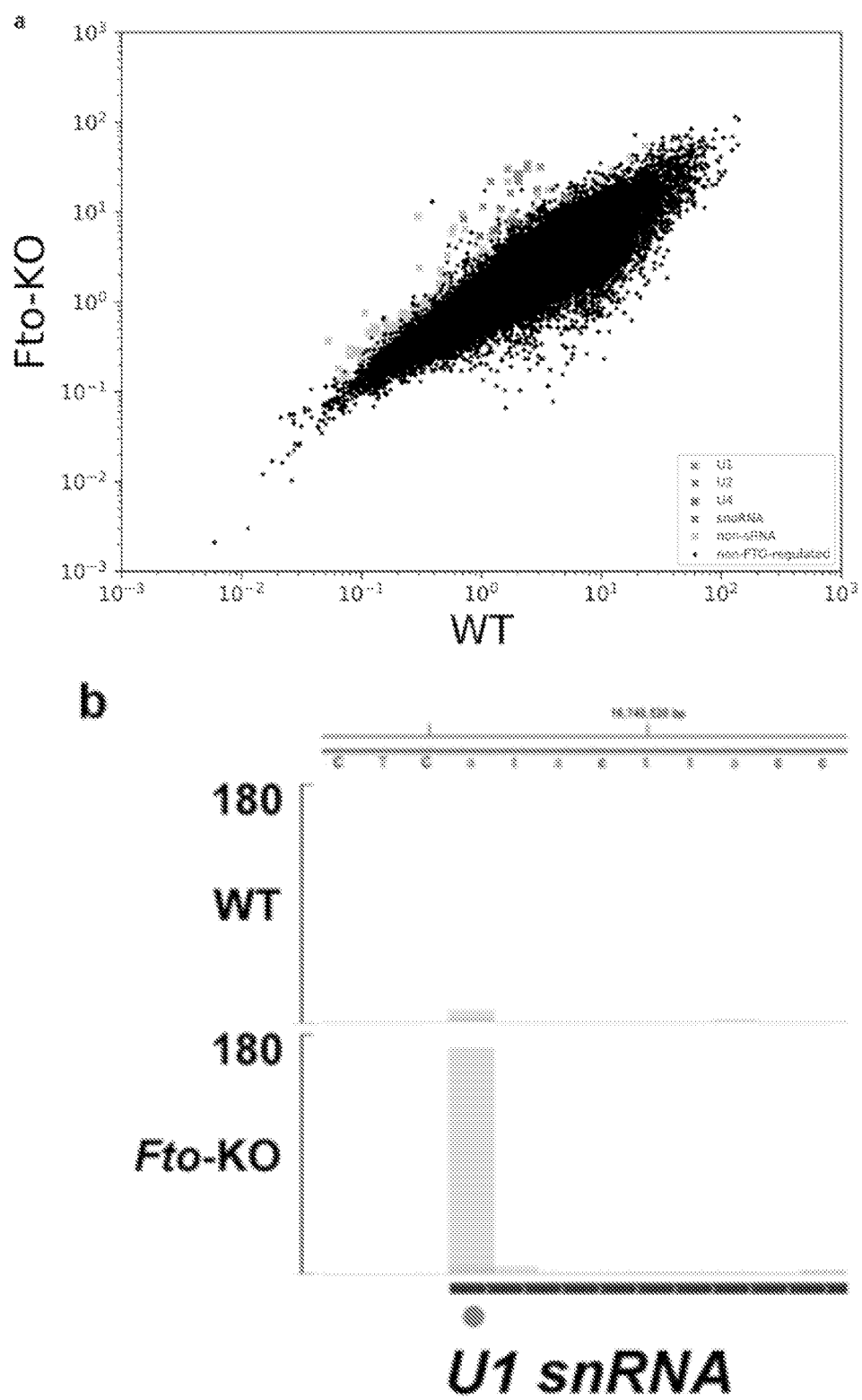


Figure 6

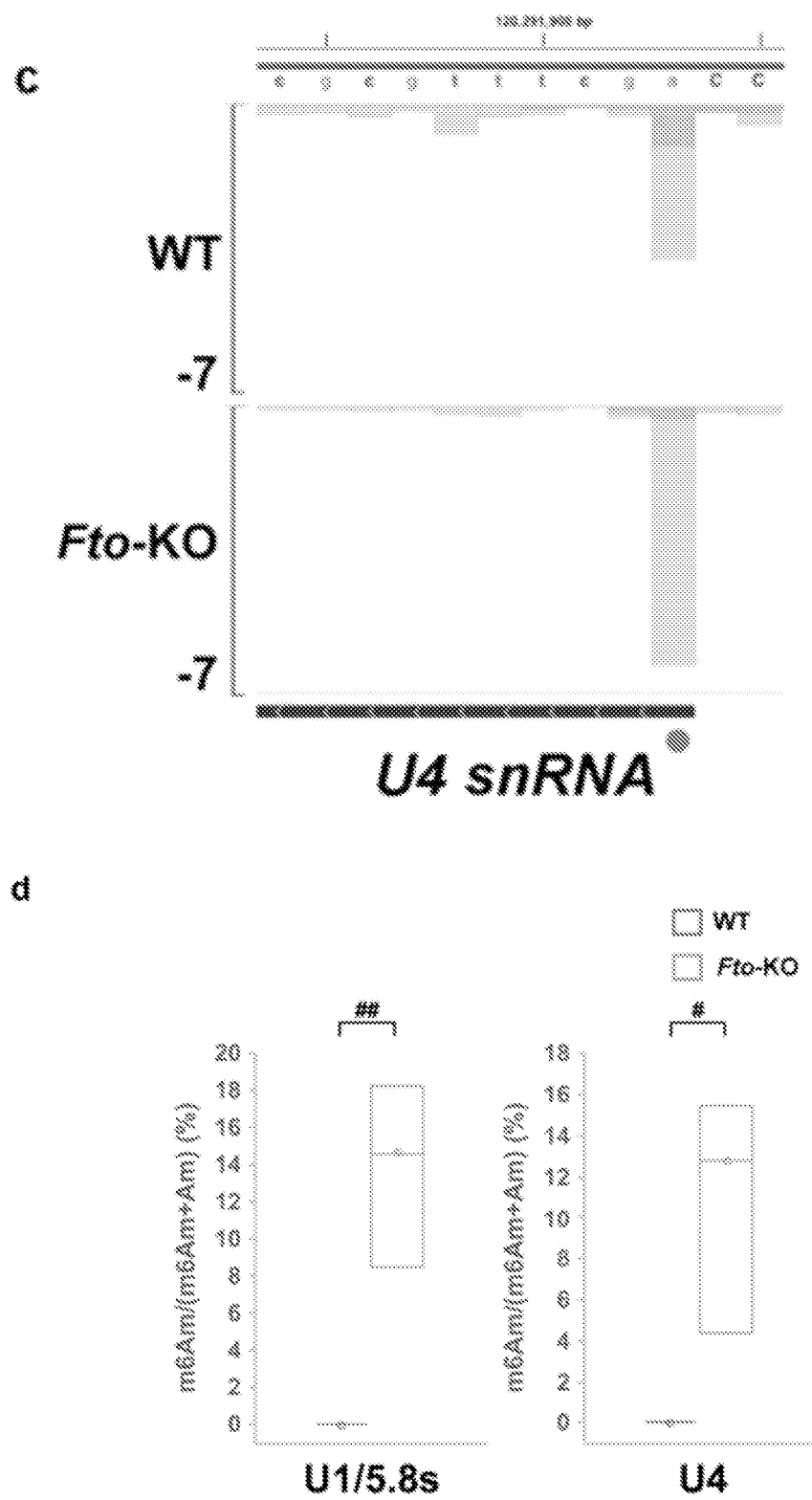


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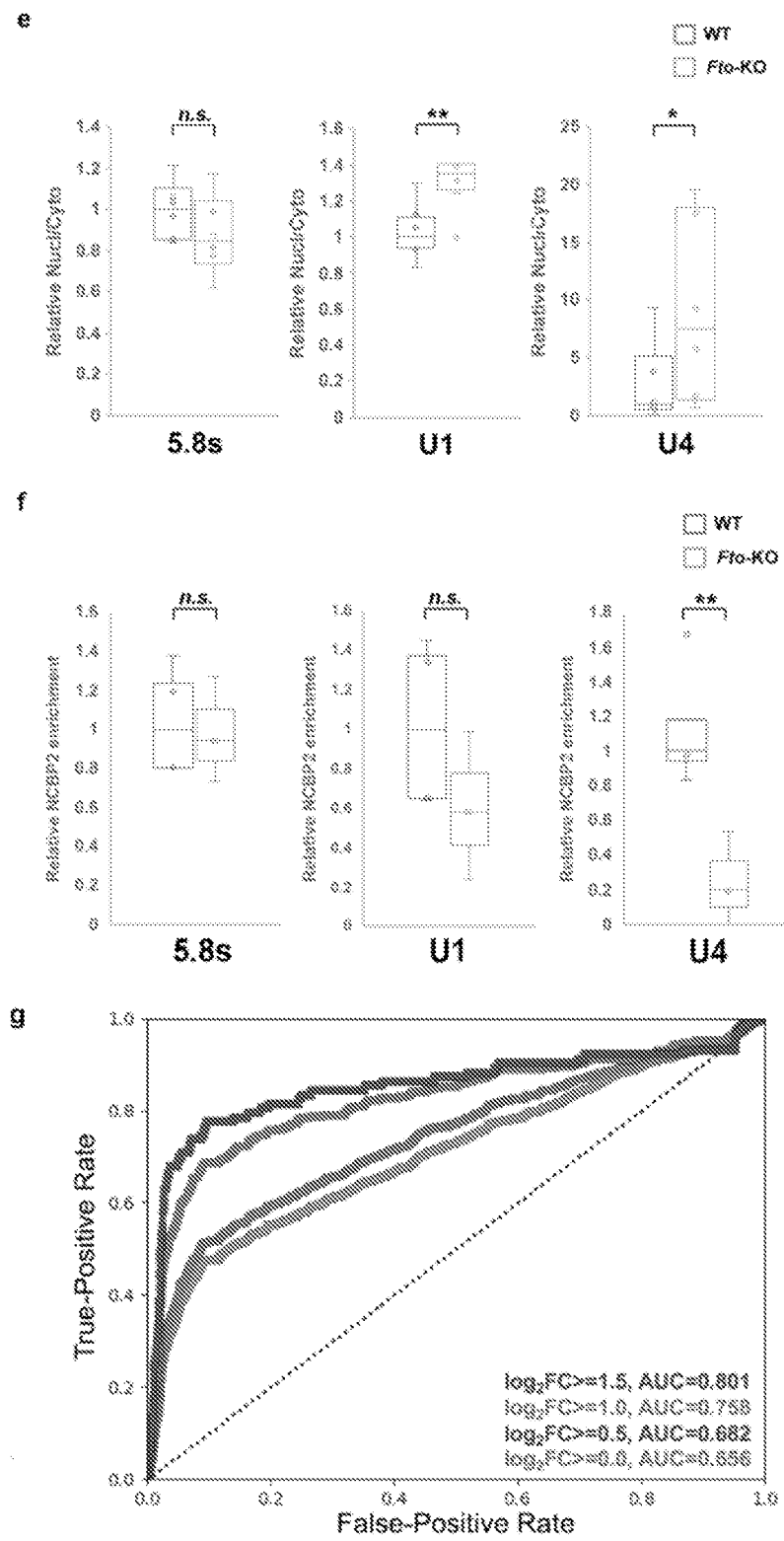


Figure 6 (Continued)

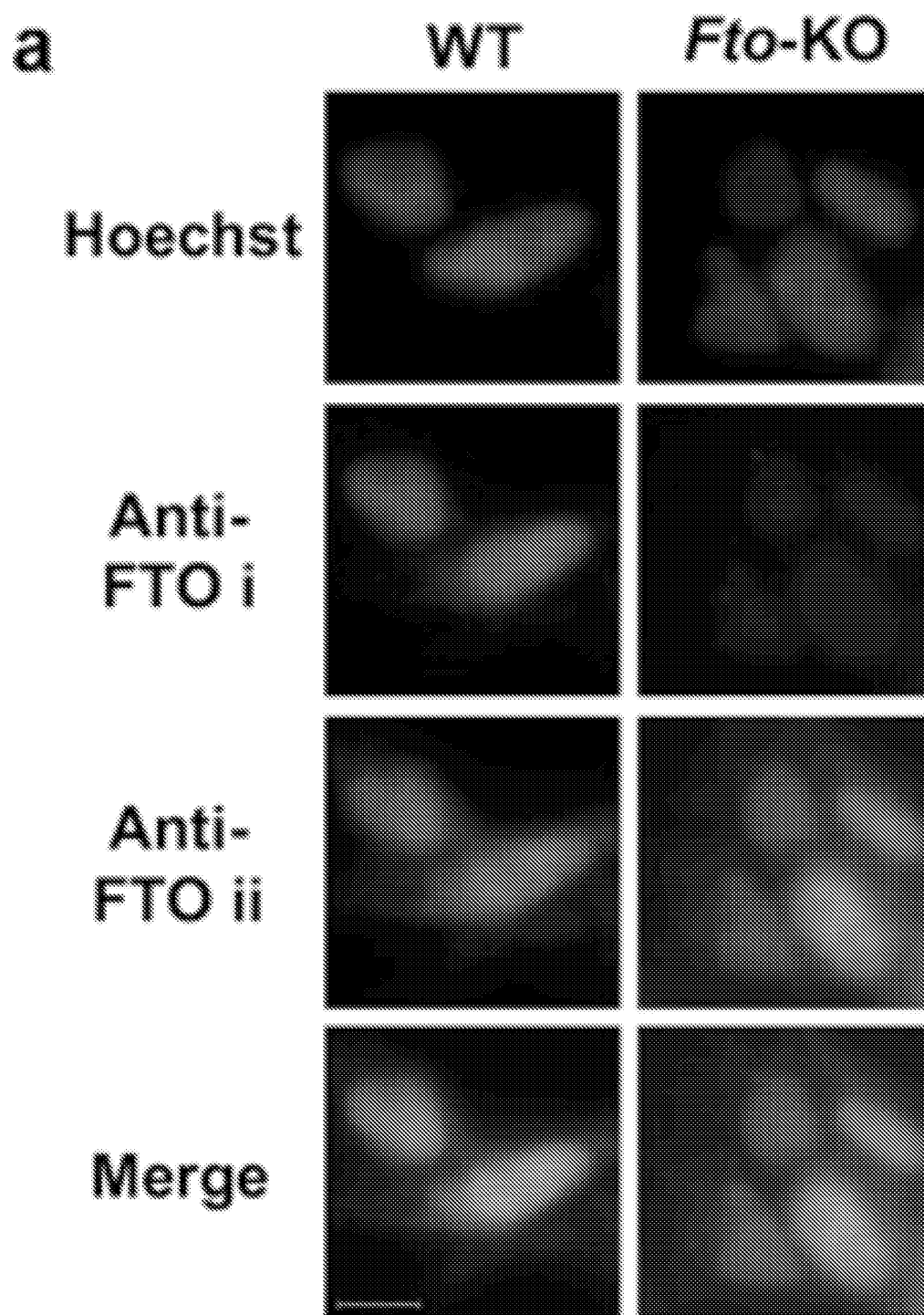


Figure 7

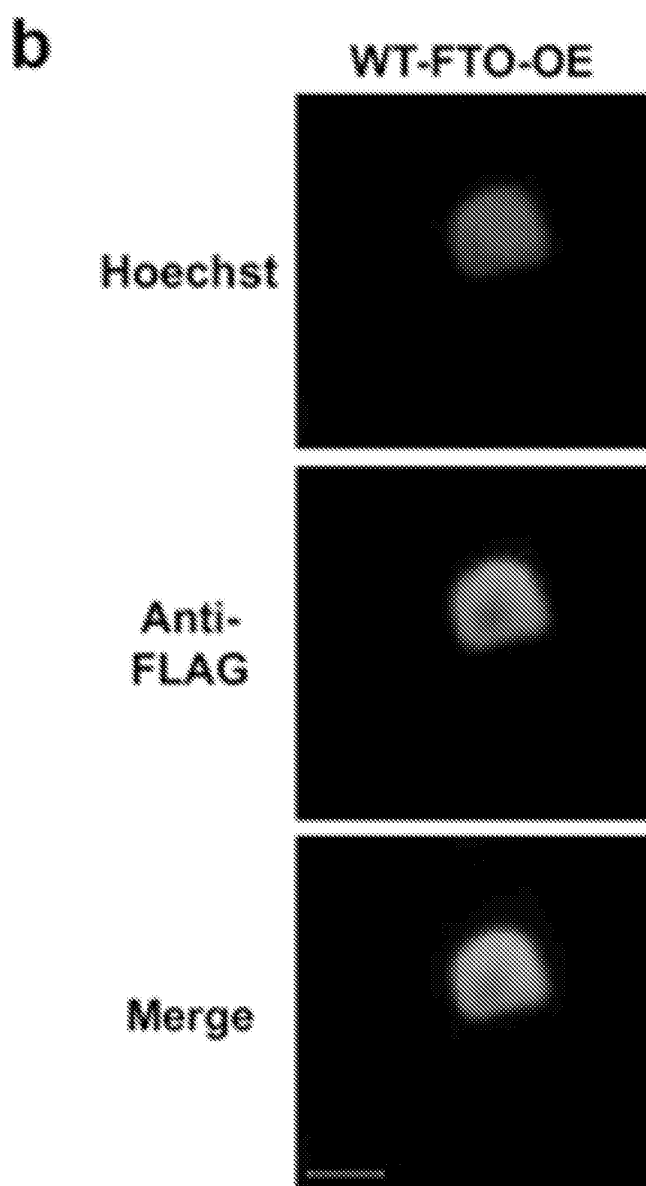


Figure 7 (Continued)

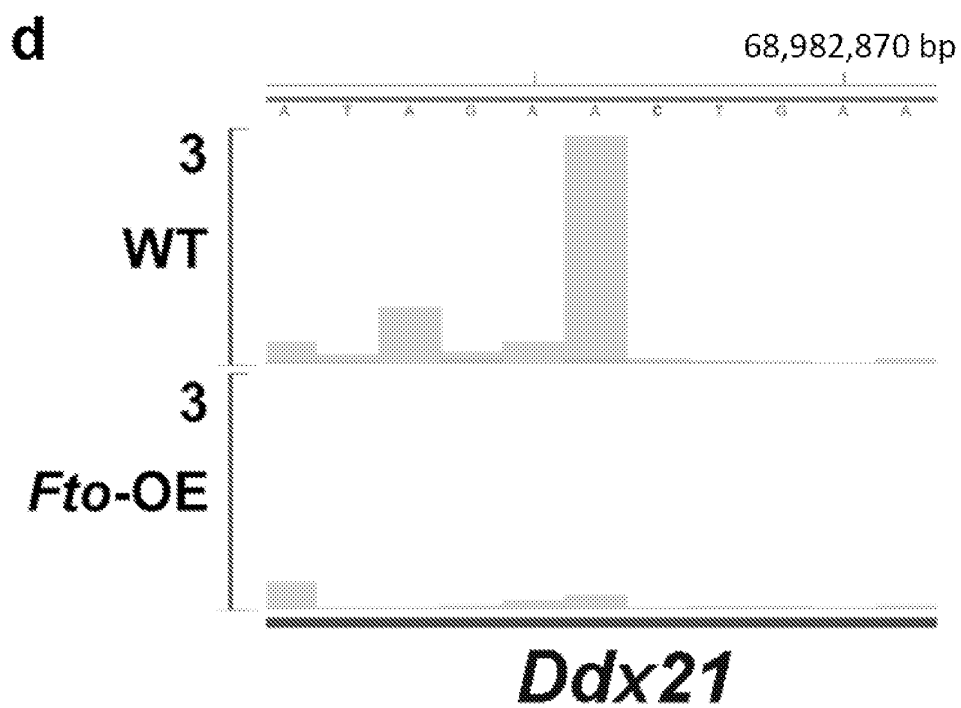
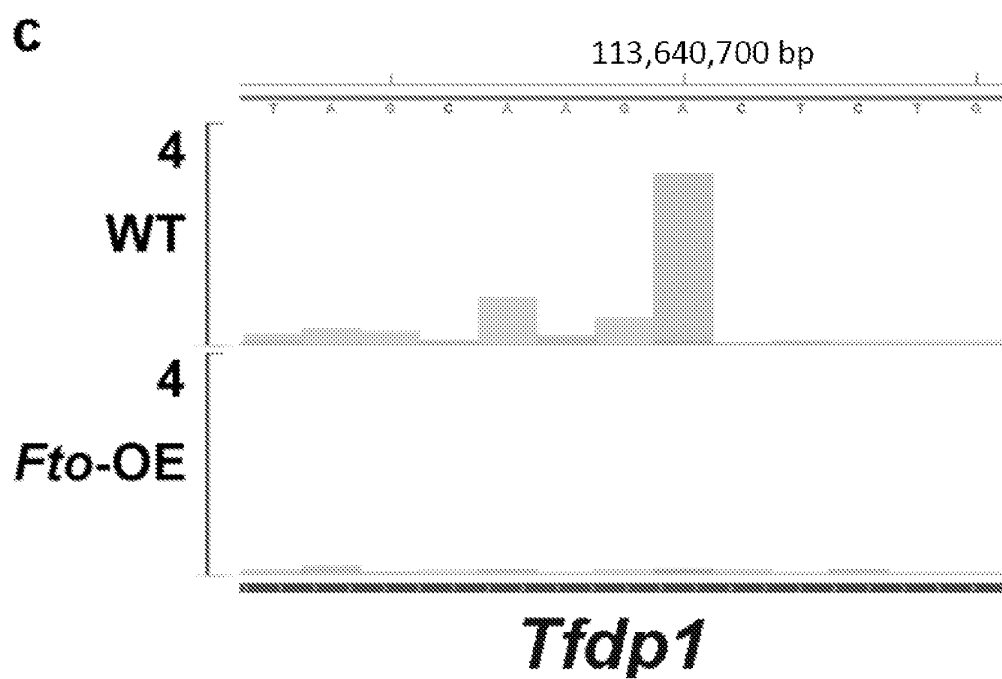


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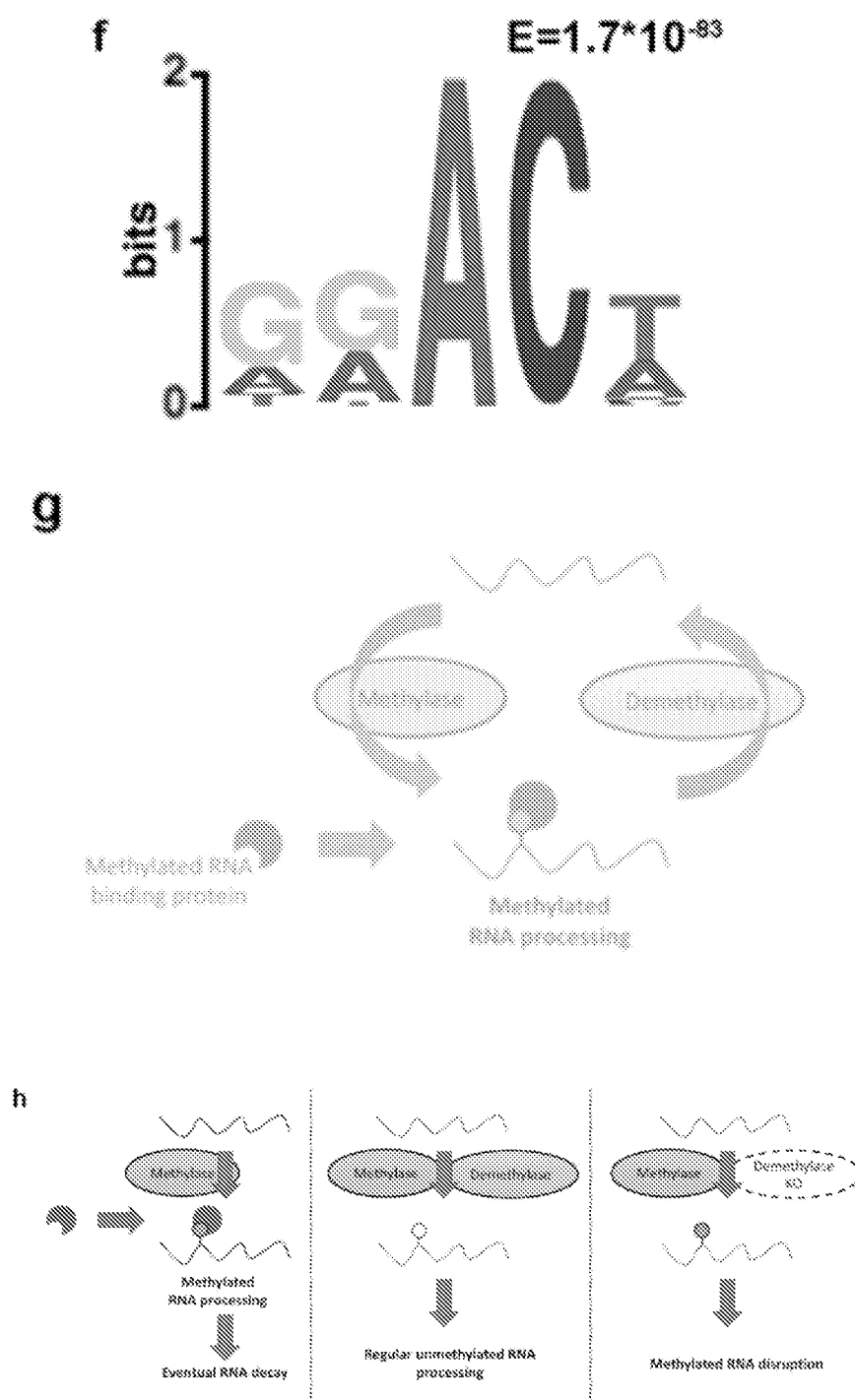


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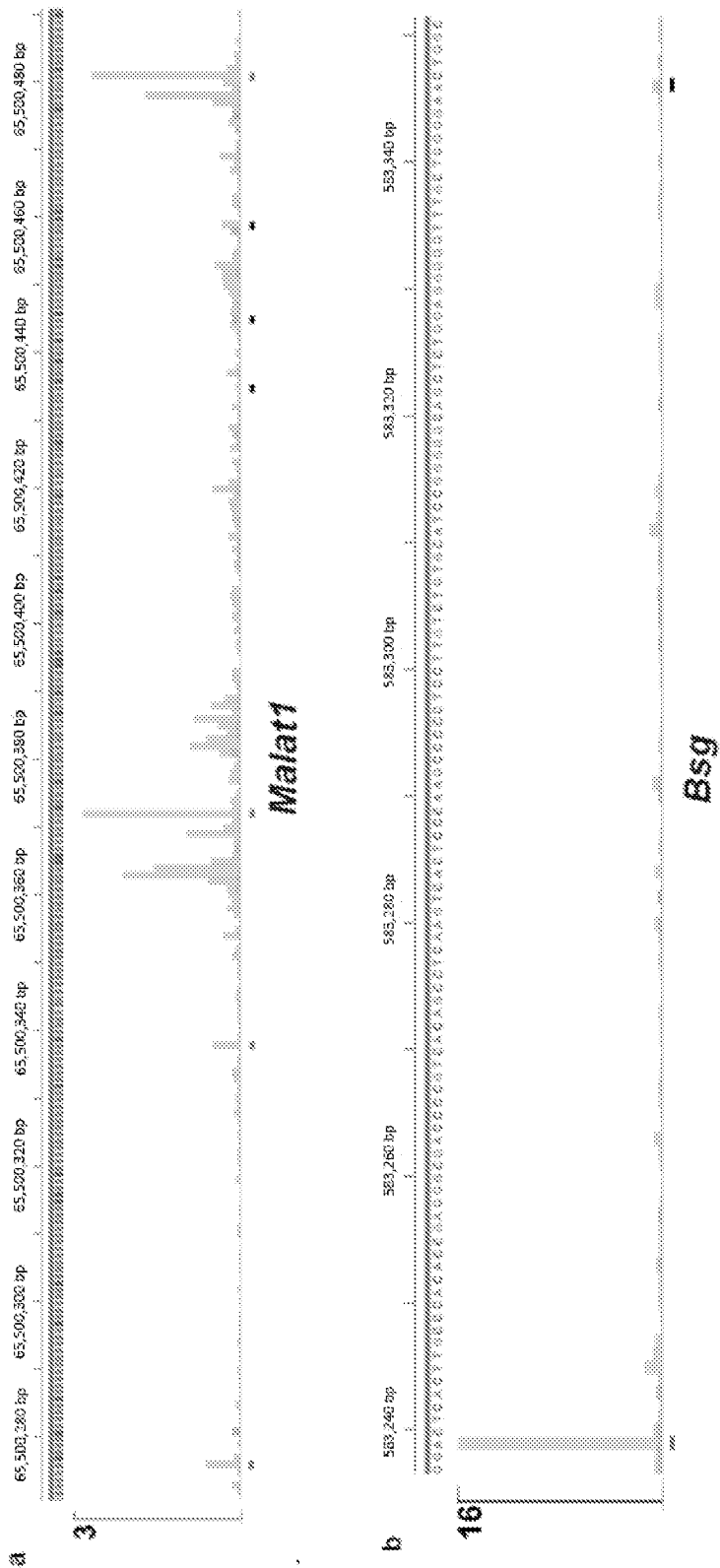


Figure 8

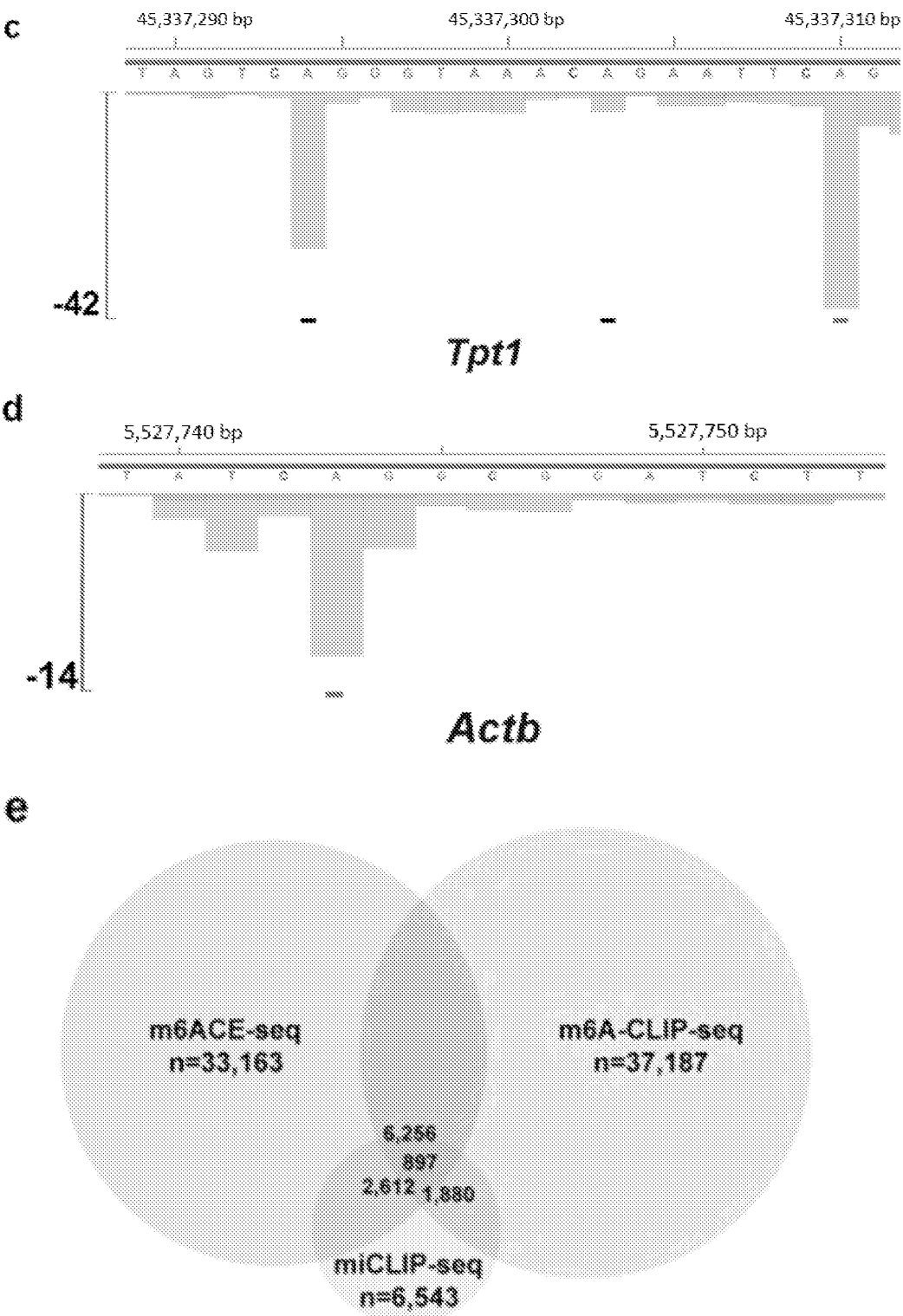


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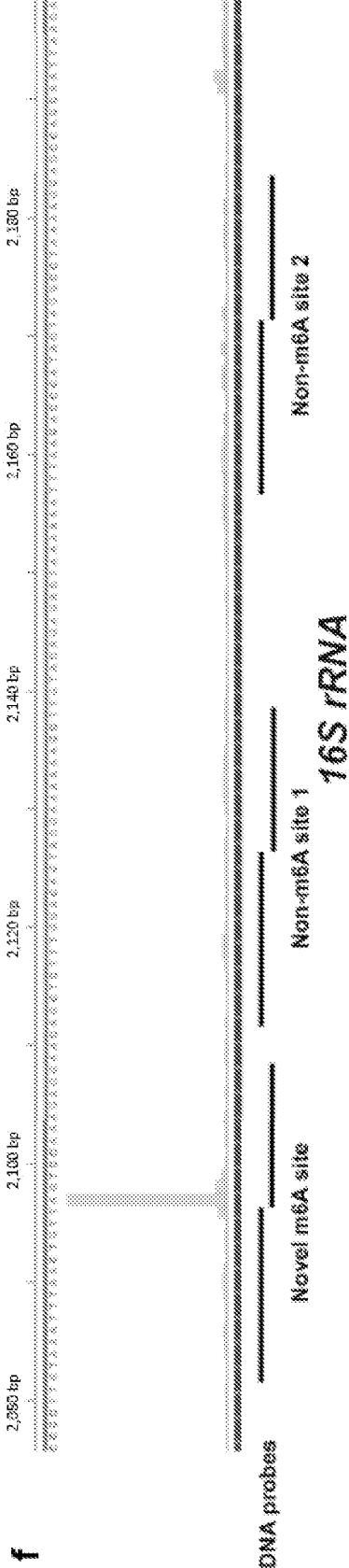


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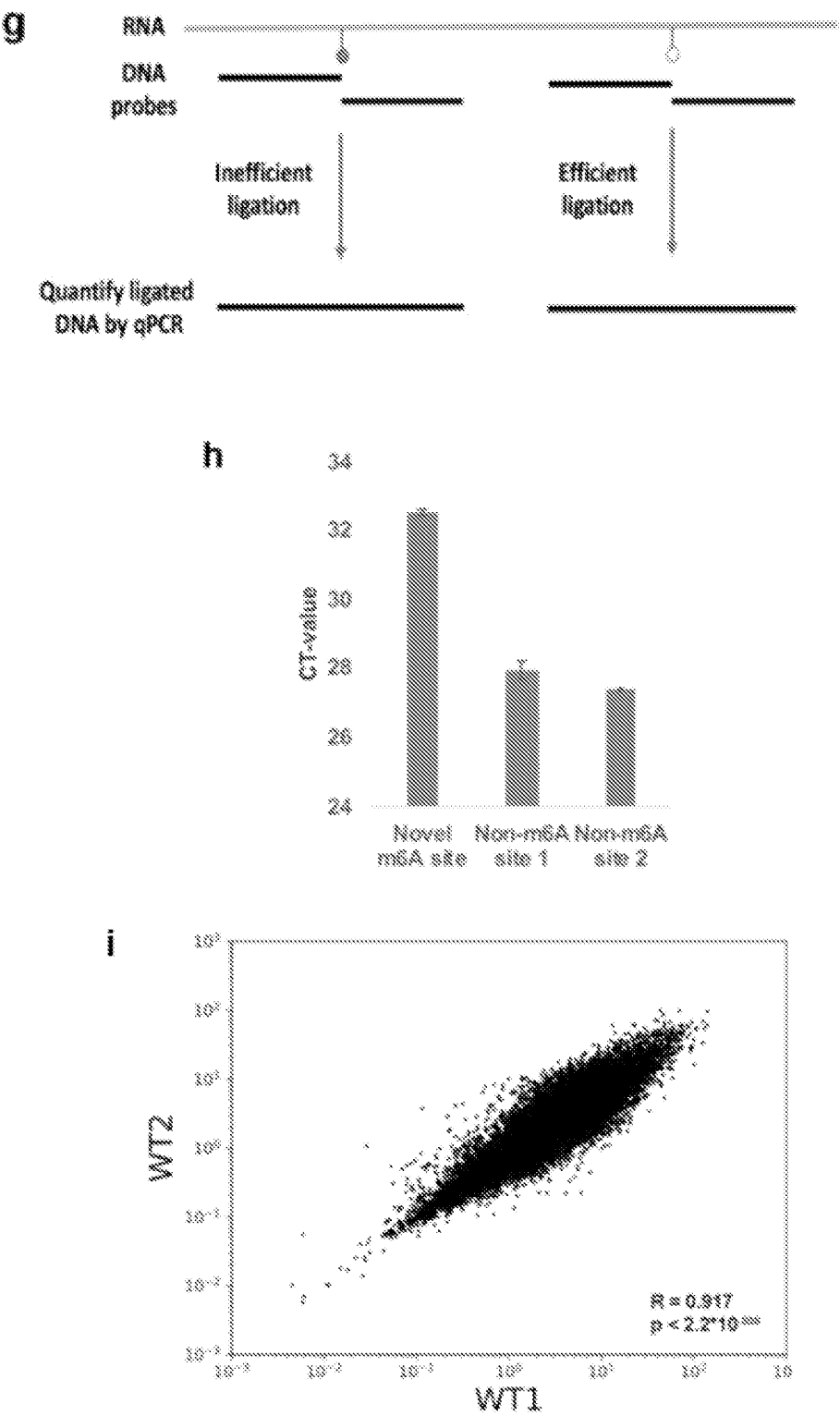


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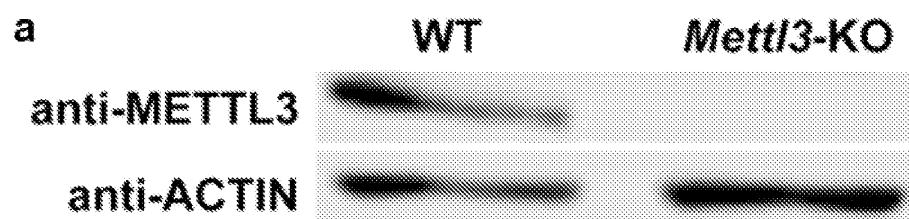


Figure 9

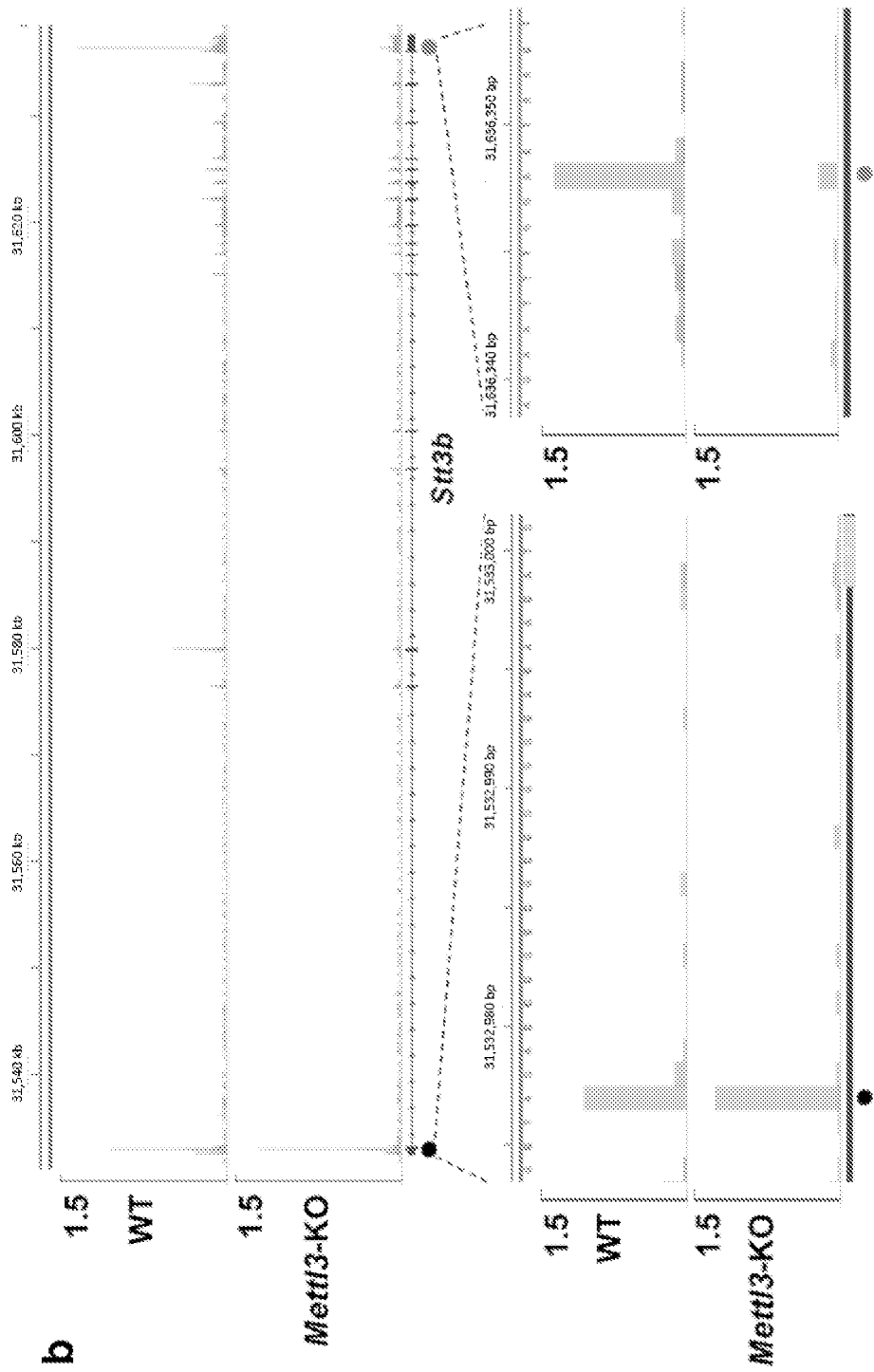


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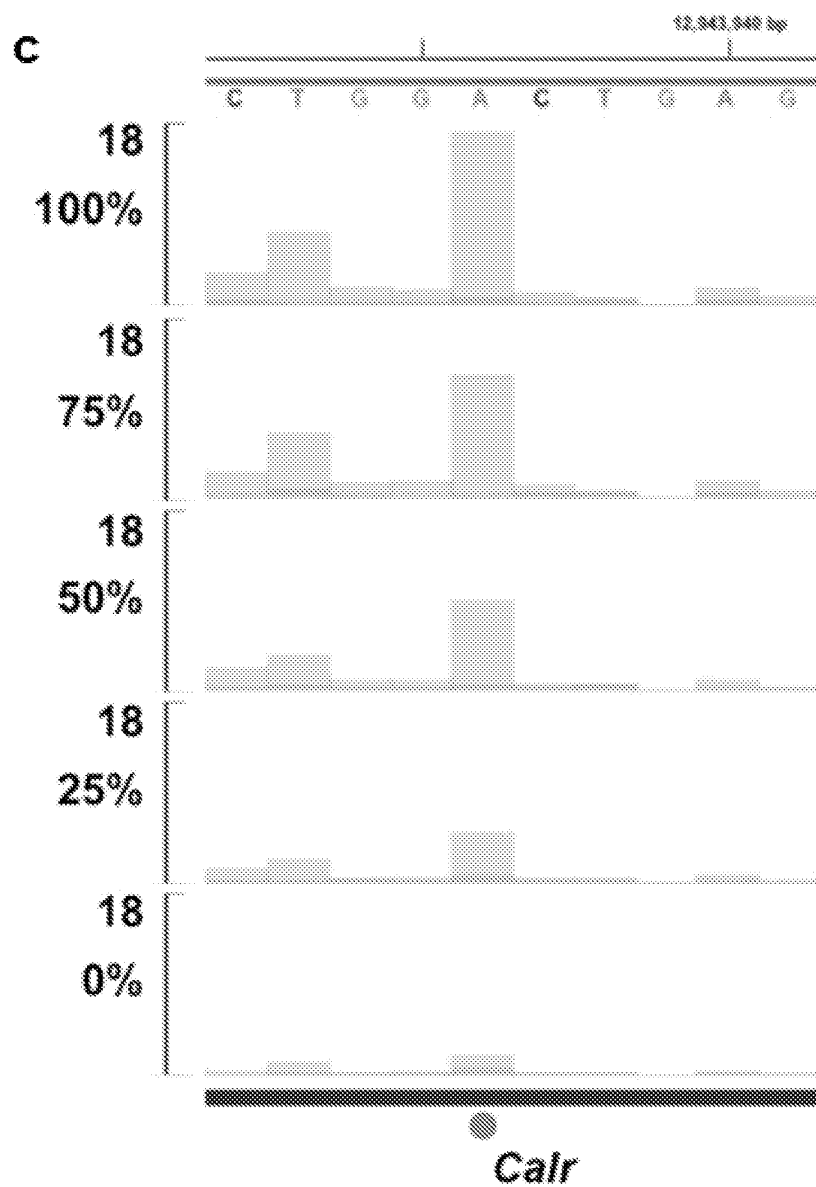


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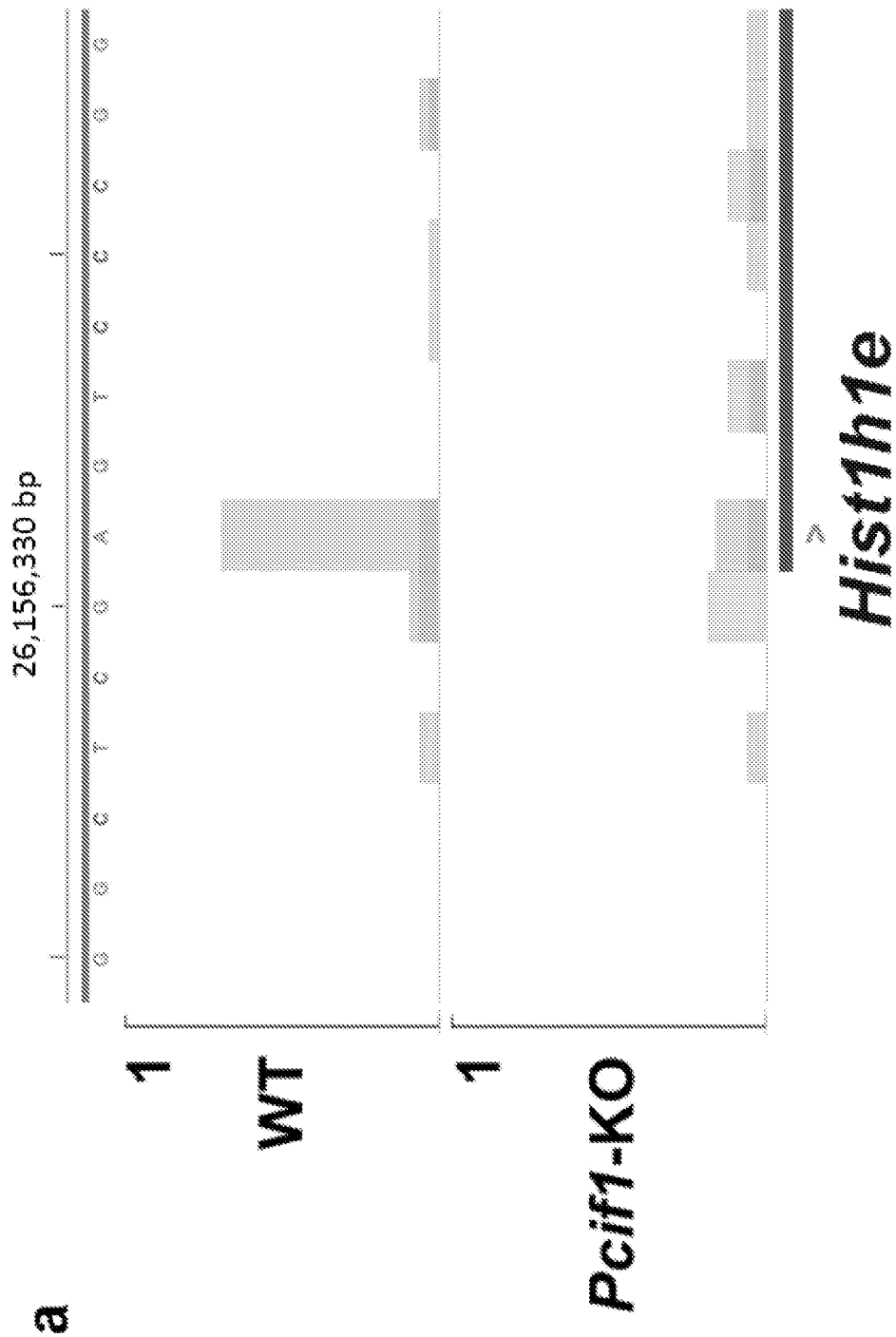


Figure 10

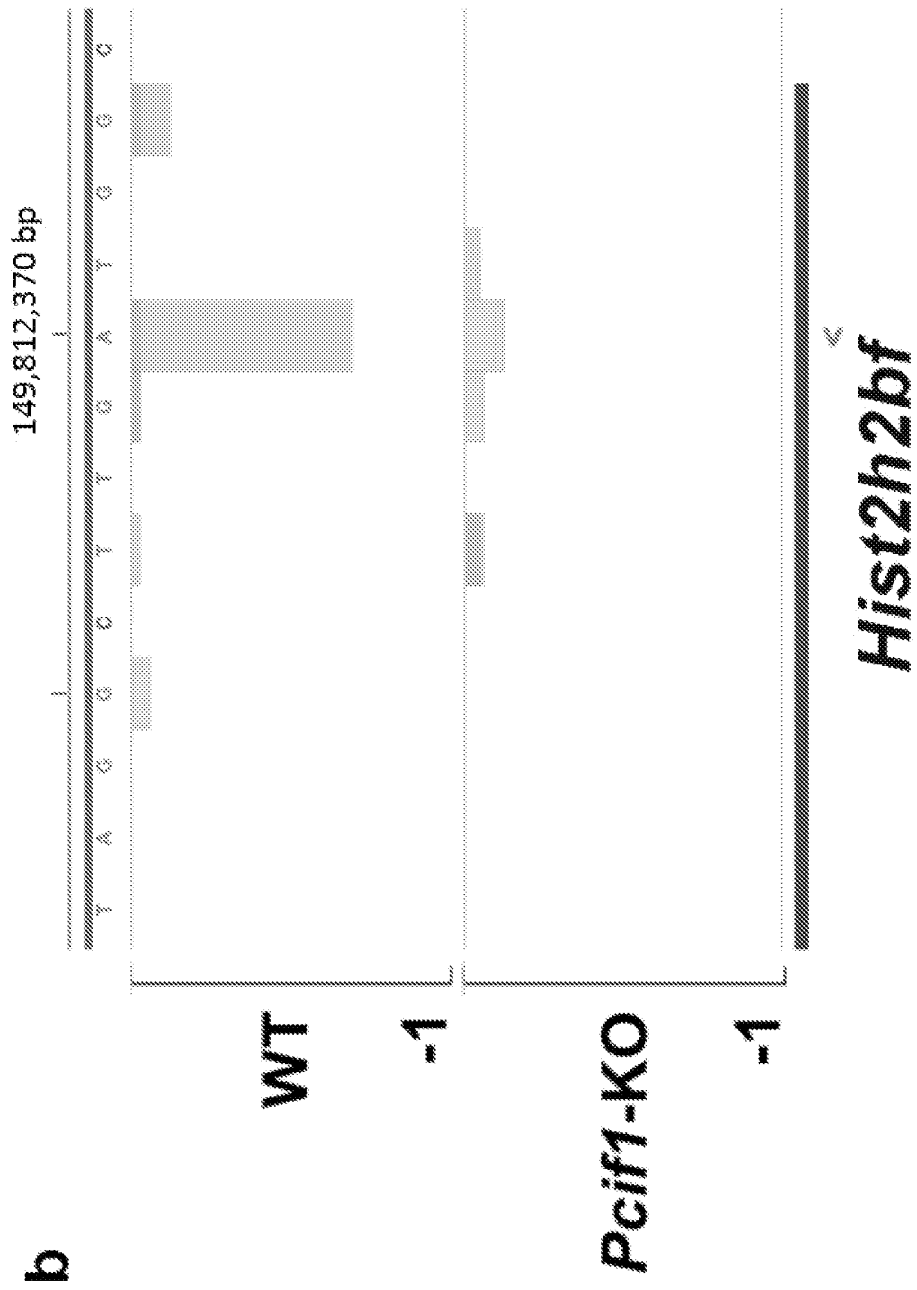


Figure 10 (Continued)

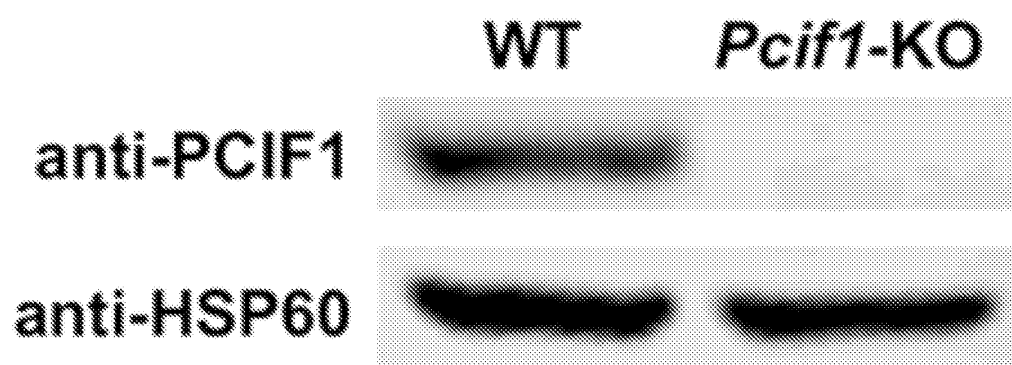
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Figure 10 (Continued)

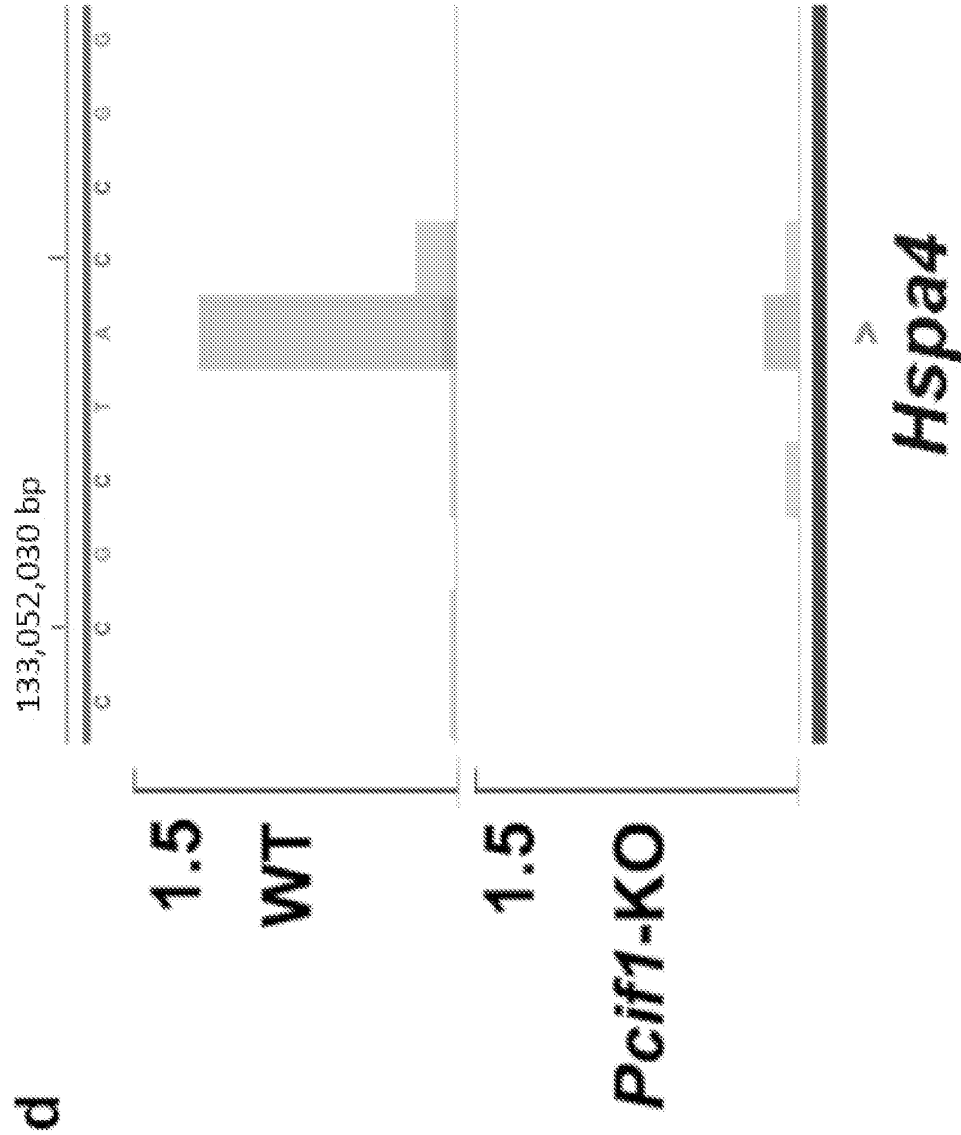


Figure 10 (Continued)

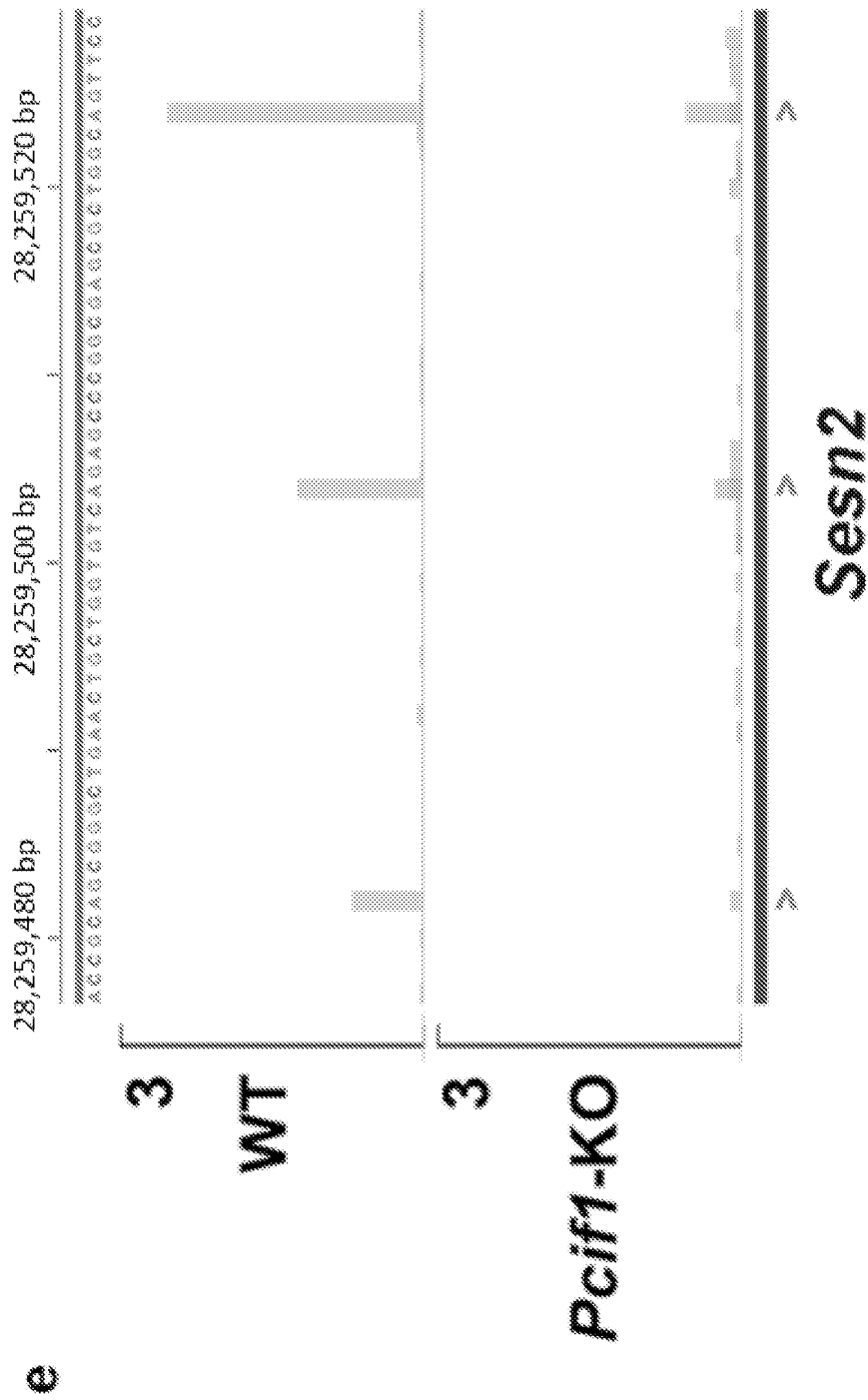


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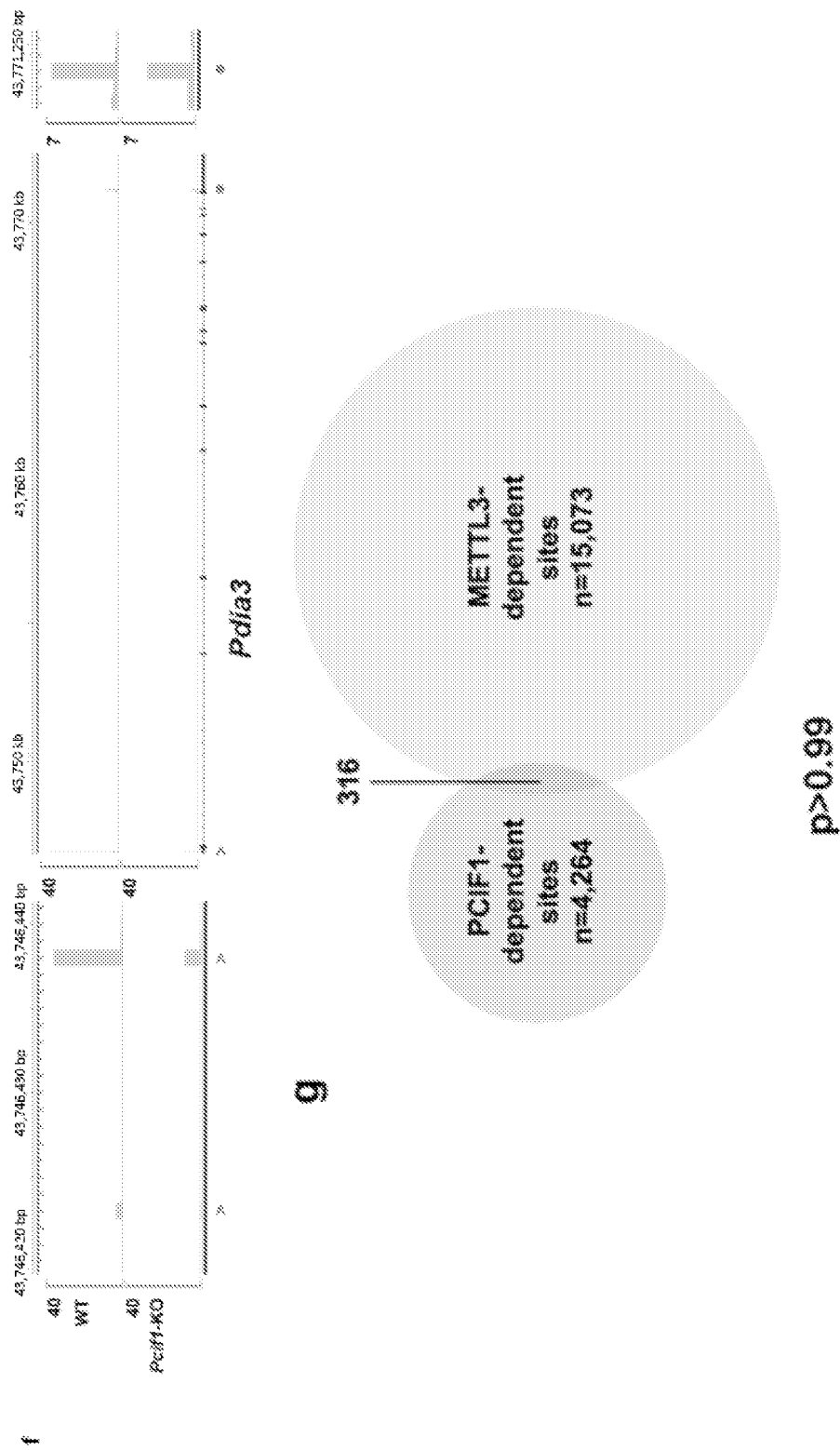


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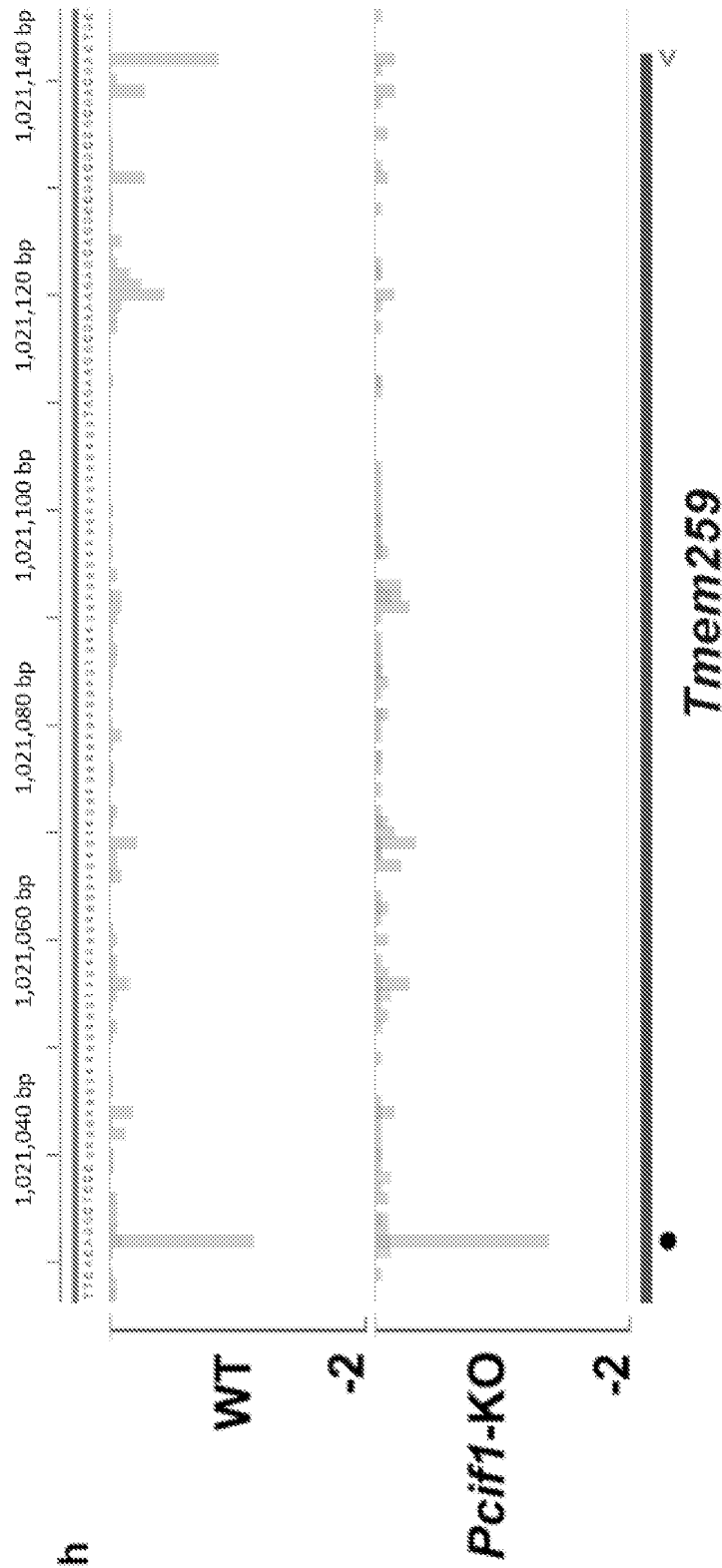


Figure 10 (Continued)

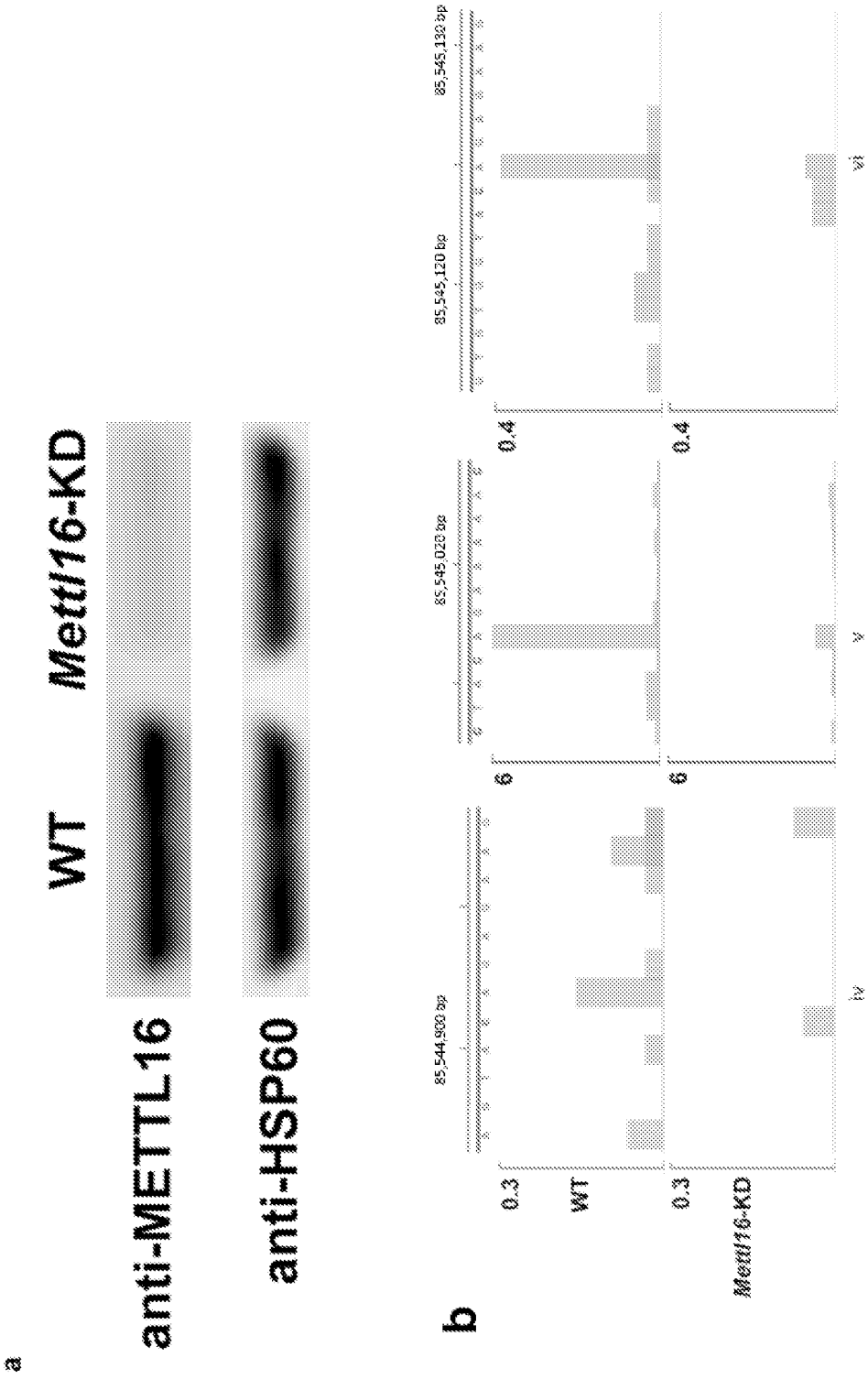


Figure 11

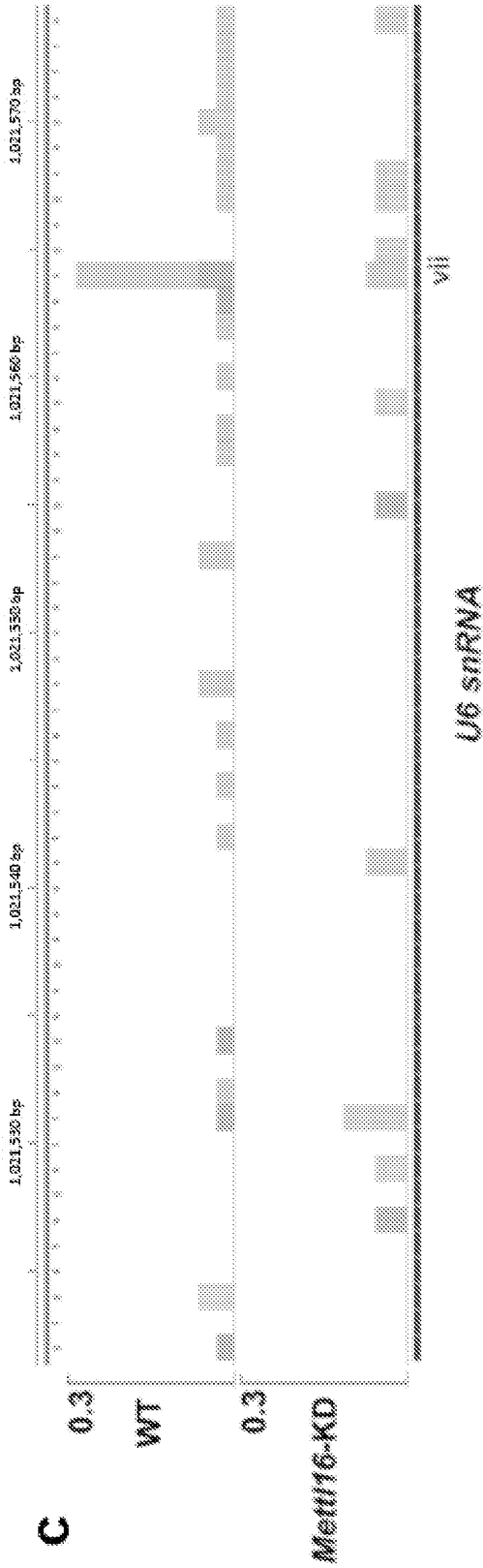


Figure 11 (Continued)

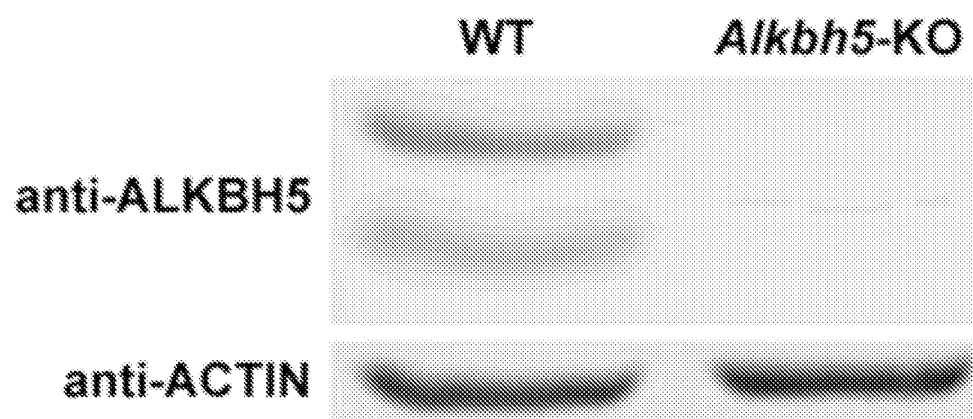
a

Figure 12

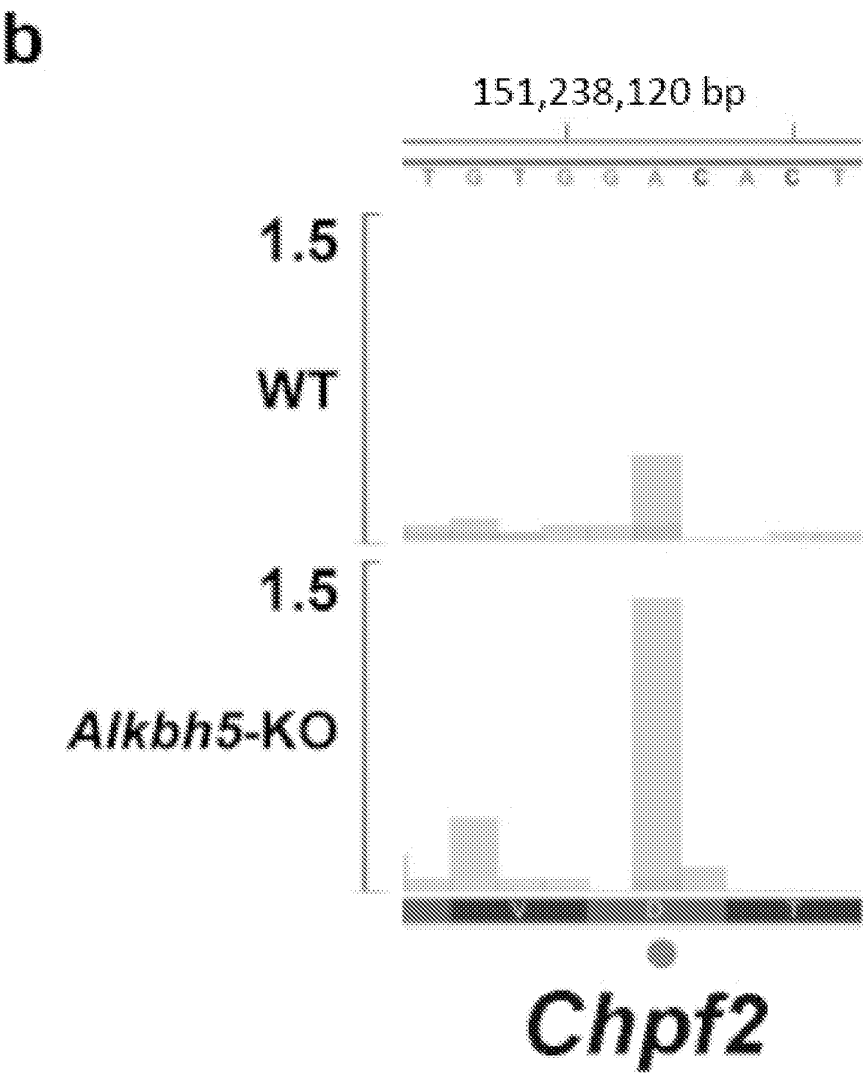


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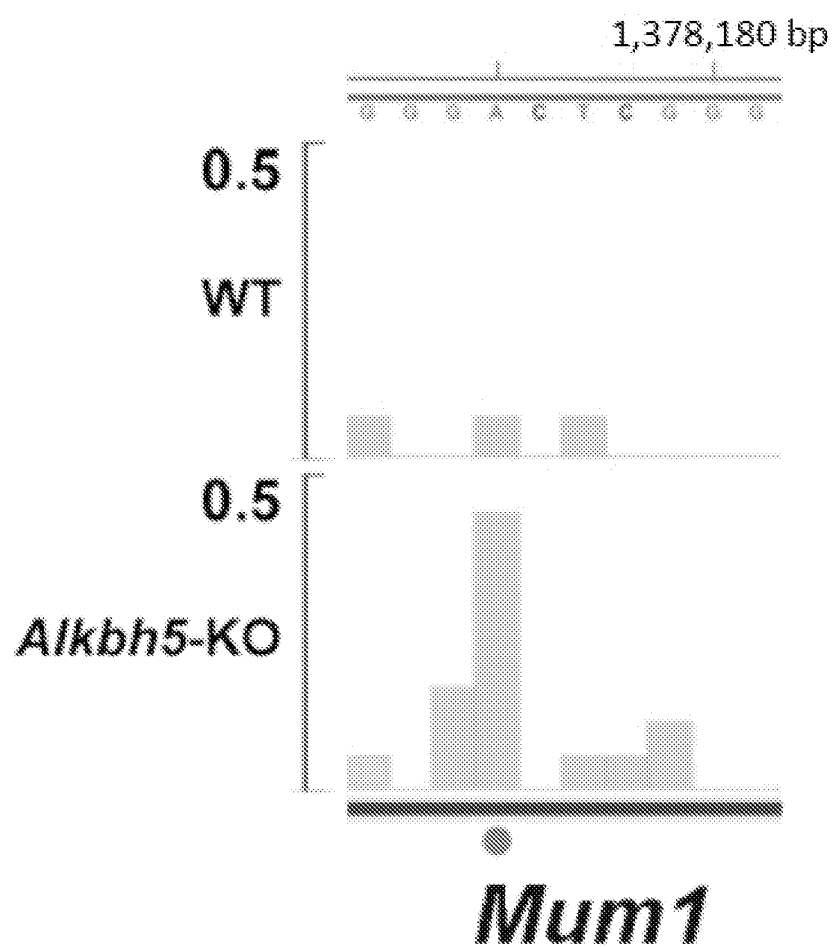
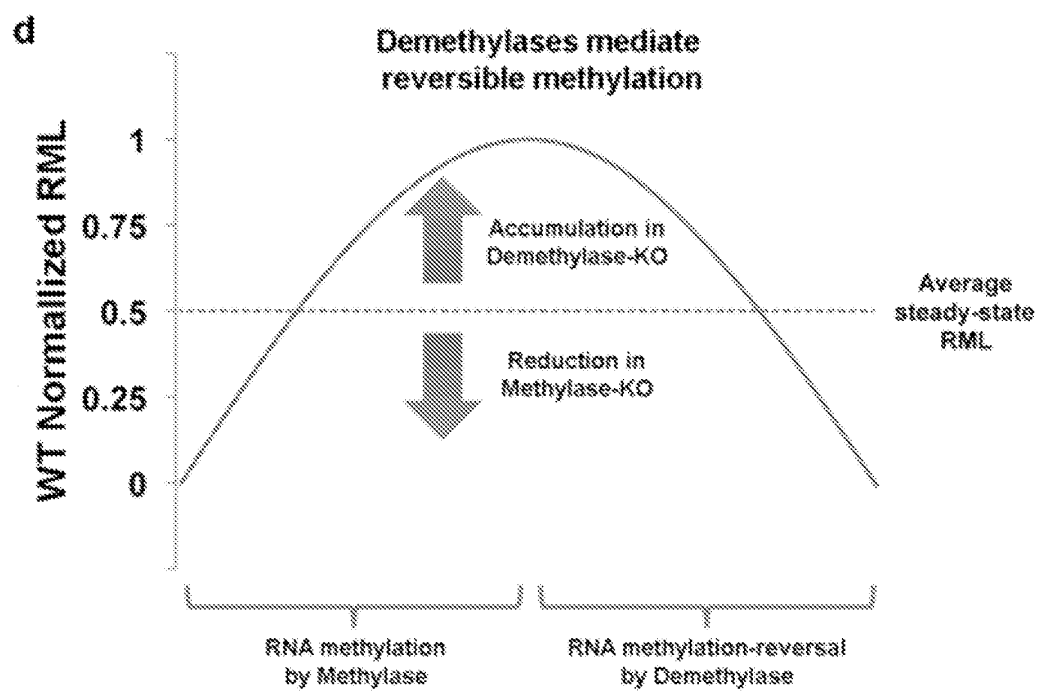
C

Figure 12 (Continued)



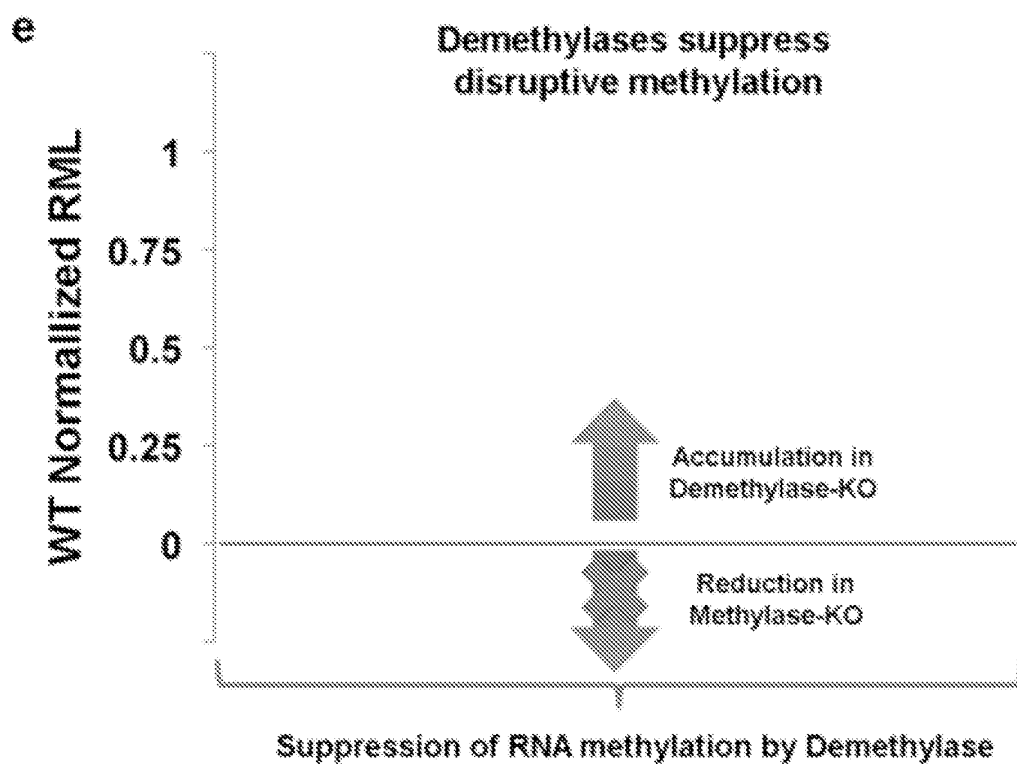


Figure 12 (Continued)

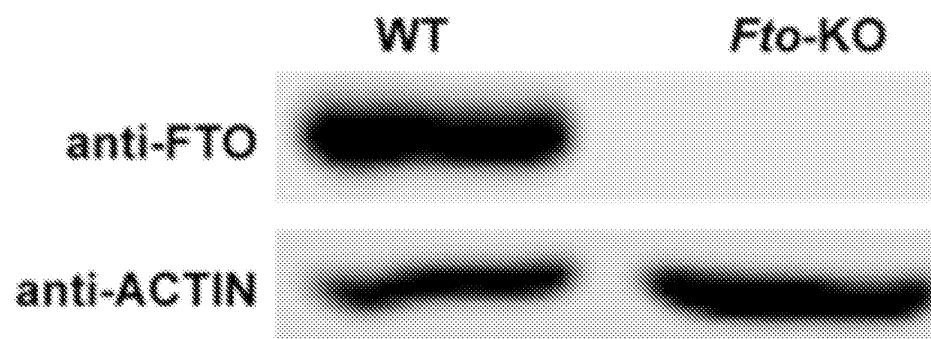
a

Figure 13

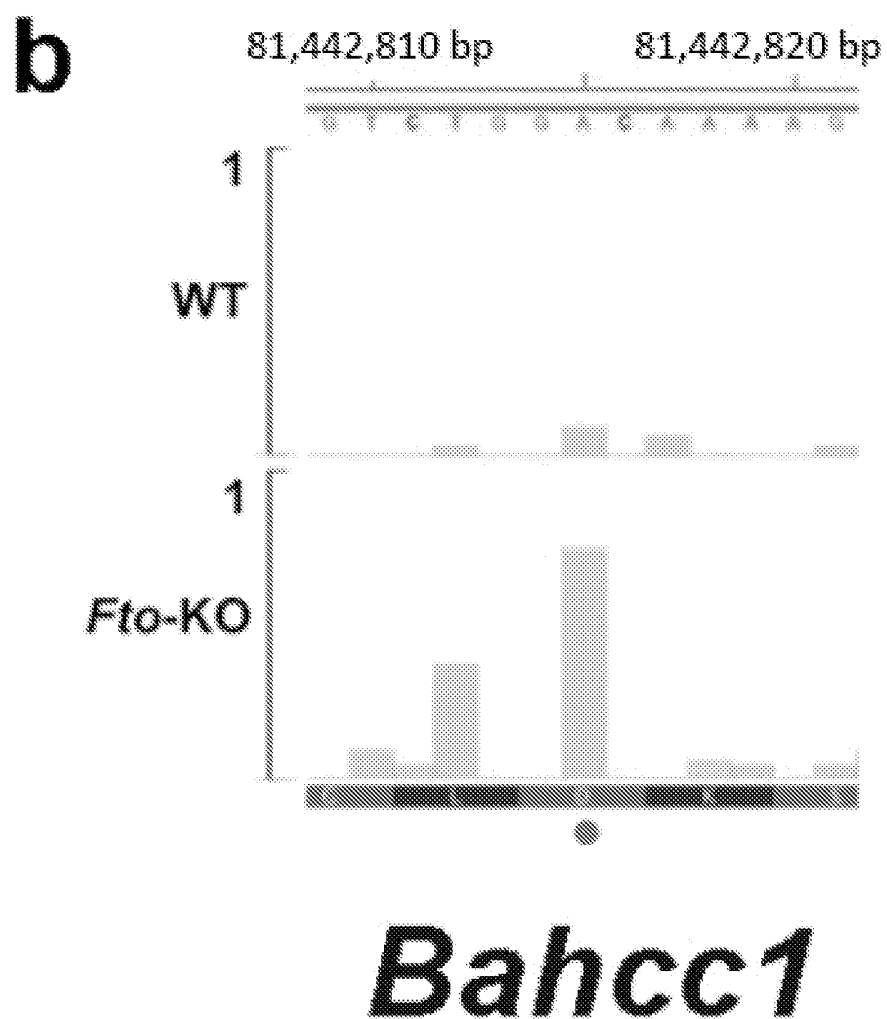


Figure 13 (Continued)

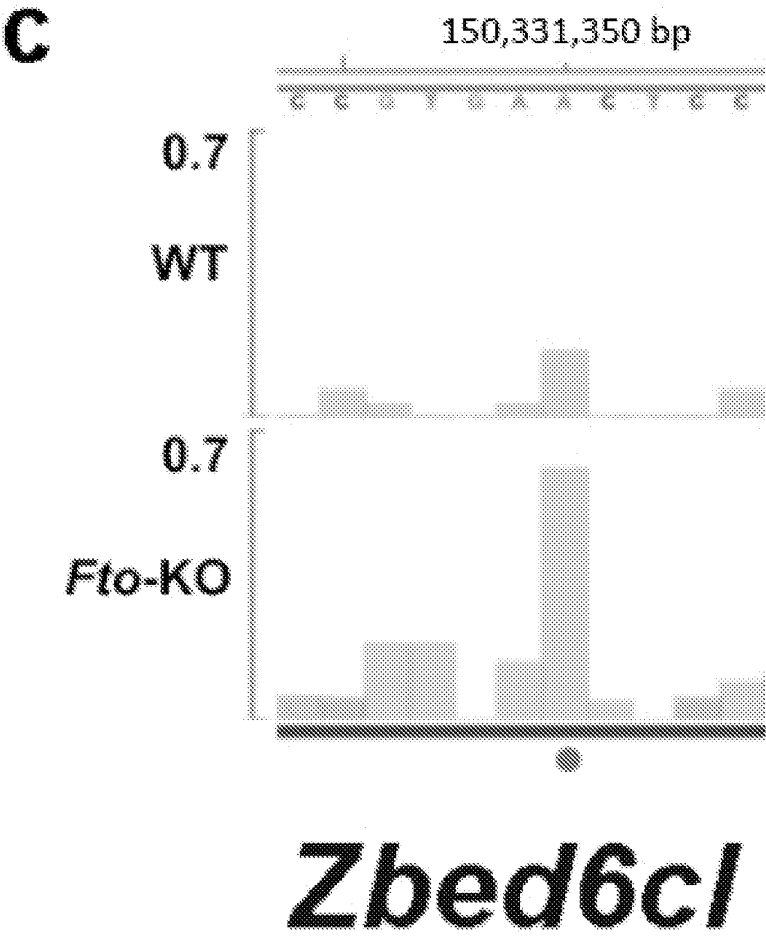


Figure 13 (Continued)

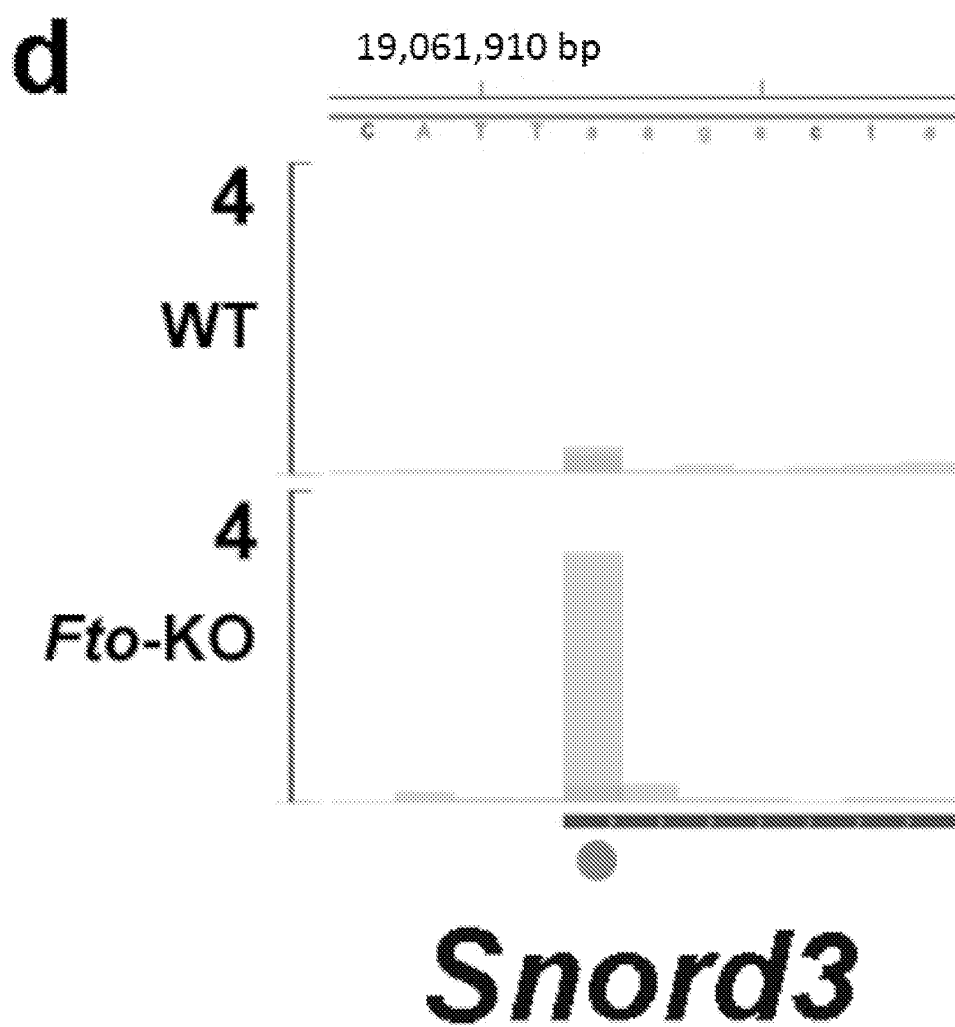


Figure 13 (Continued)

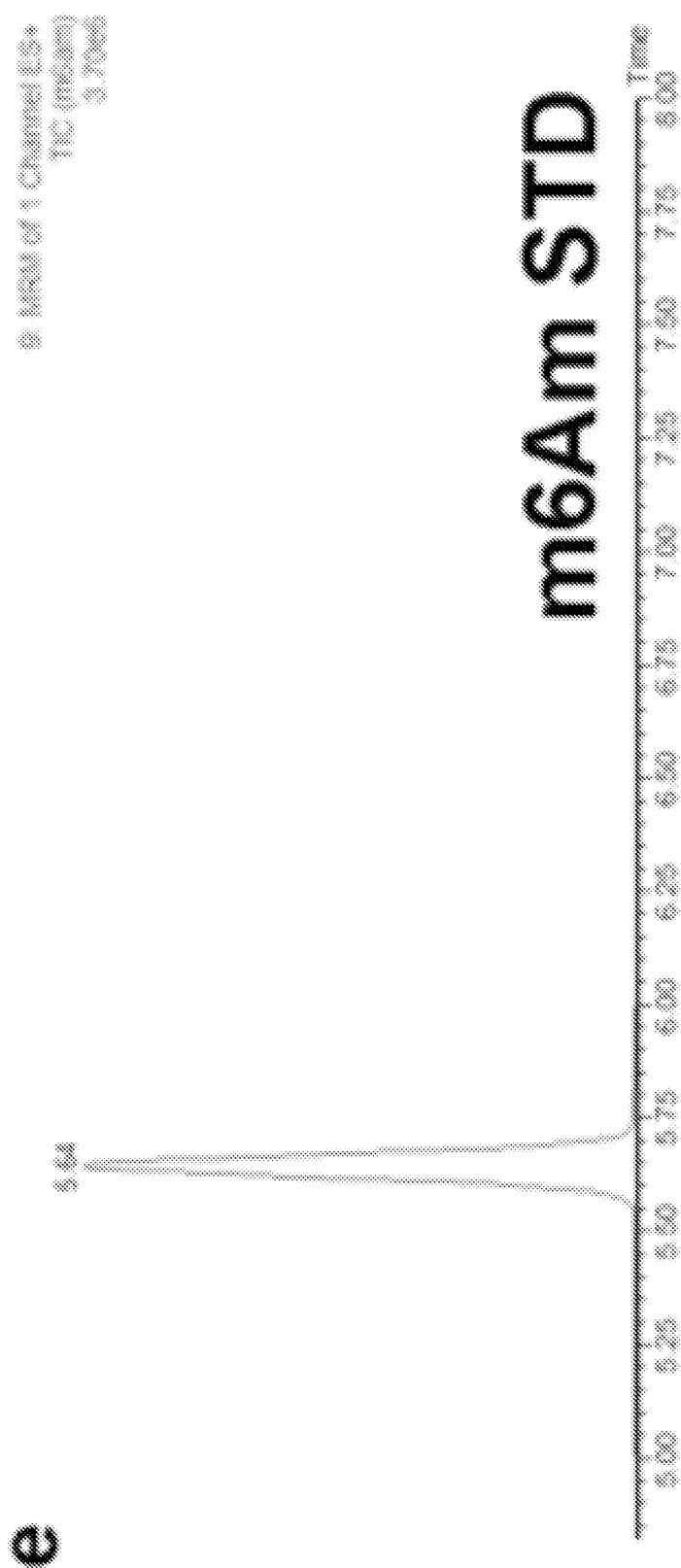


Figure 13 (Continued)

f

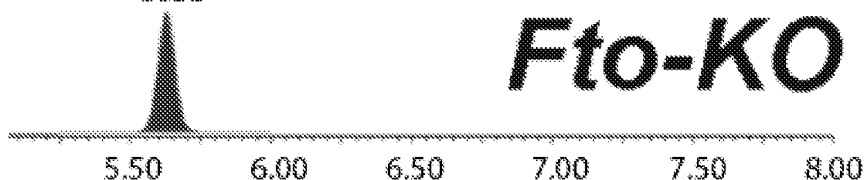
9: MRM of 1 channel ES+

TIC(m6am)

3.00e5

Area 5.63

8833



9: MRM of 1 channel ES+

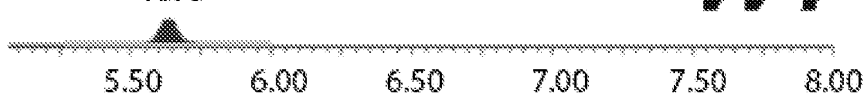
TIC(m6am)

3.00e5

Area

5.63

1879



9: MRM of 1 channel ES+

TIC(m6am)

3.00e5

Area

5.63

1514

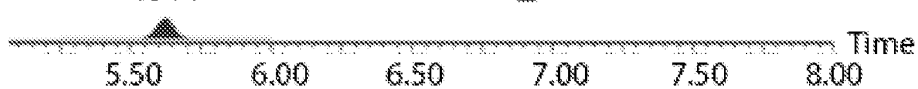


Figure 13 (Continued)

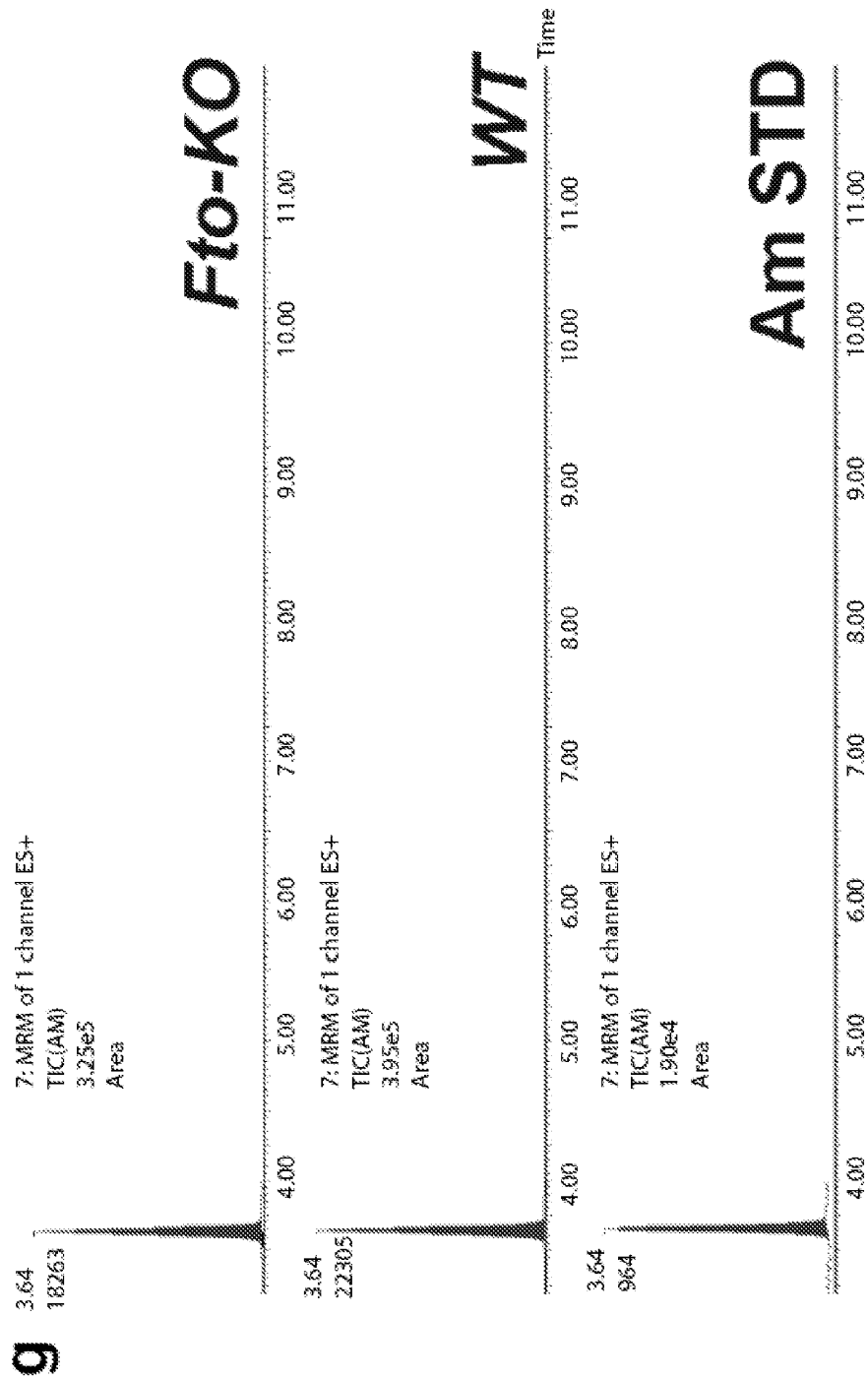


Figure 13 (Continued)

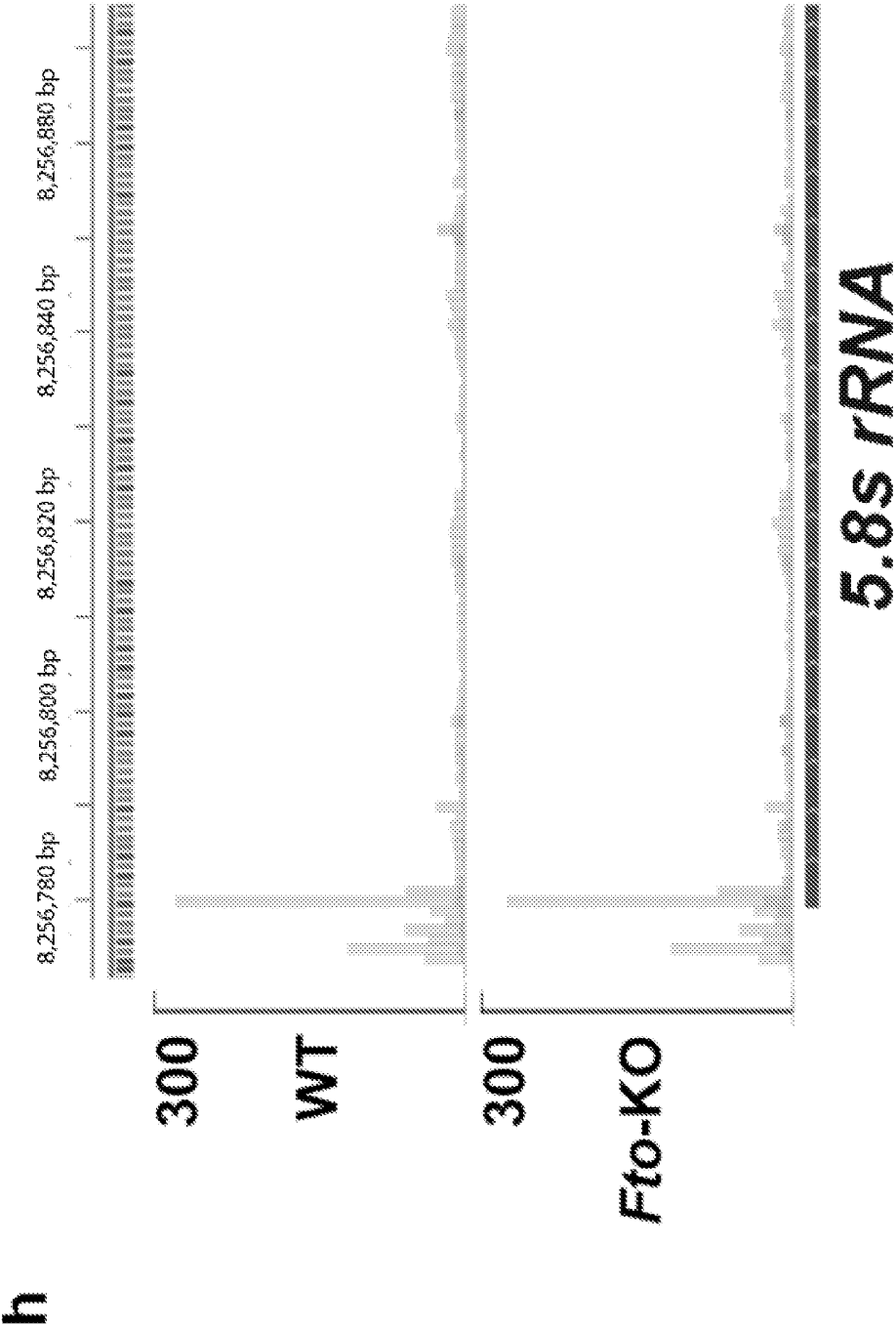


Figure 13 (Continued)

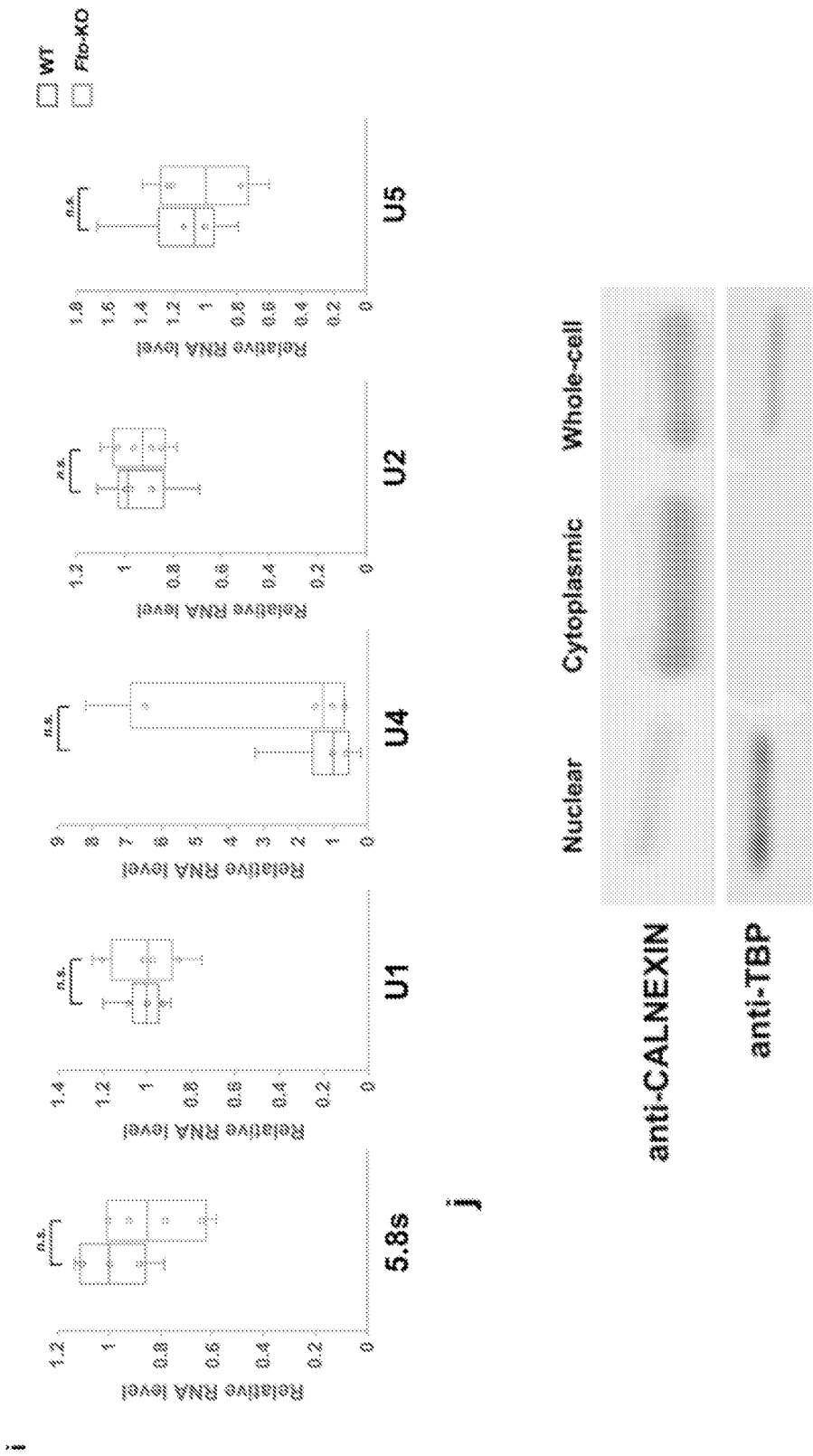
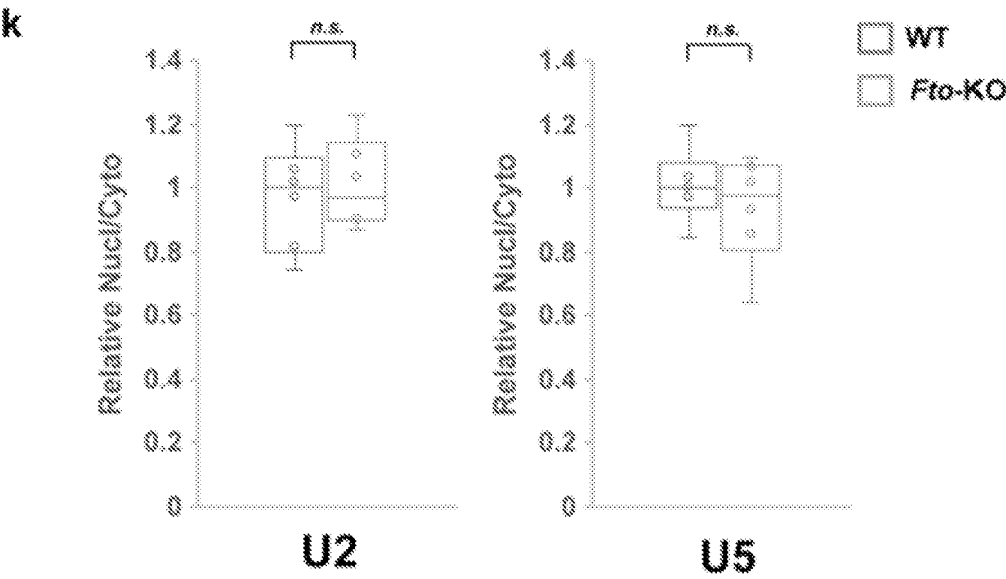


Figure 13 (Continued)



l

	WT		<i>Fto</i> -KO	
IgG-RIP	+	-	+	-
NCBP2-RIP	-	+	-	+
anti-NCBP2				

Figure 13 (Continued)

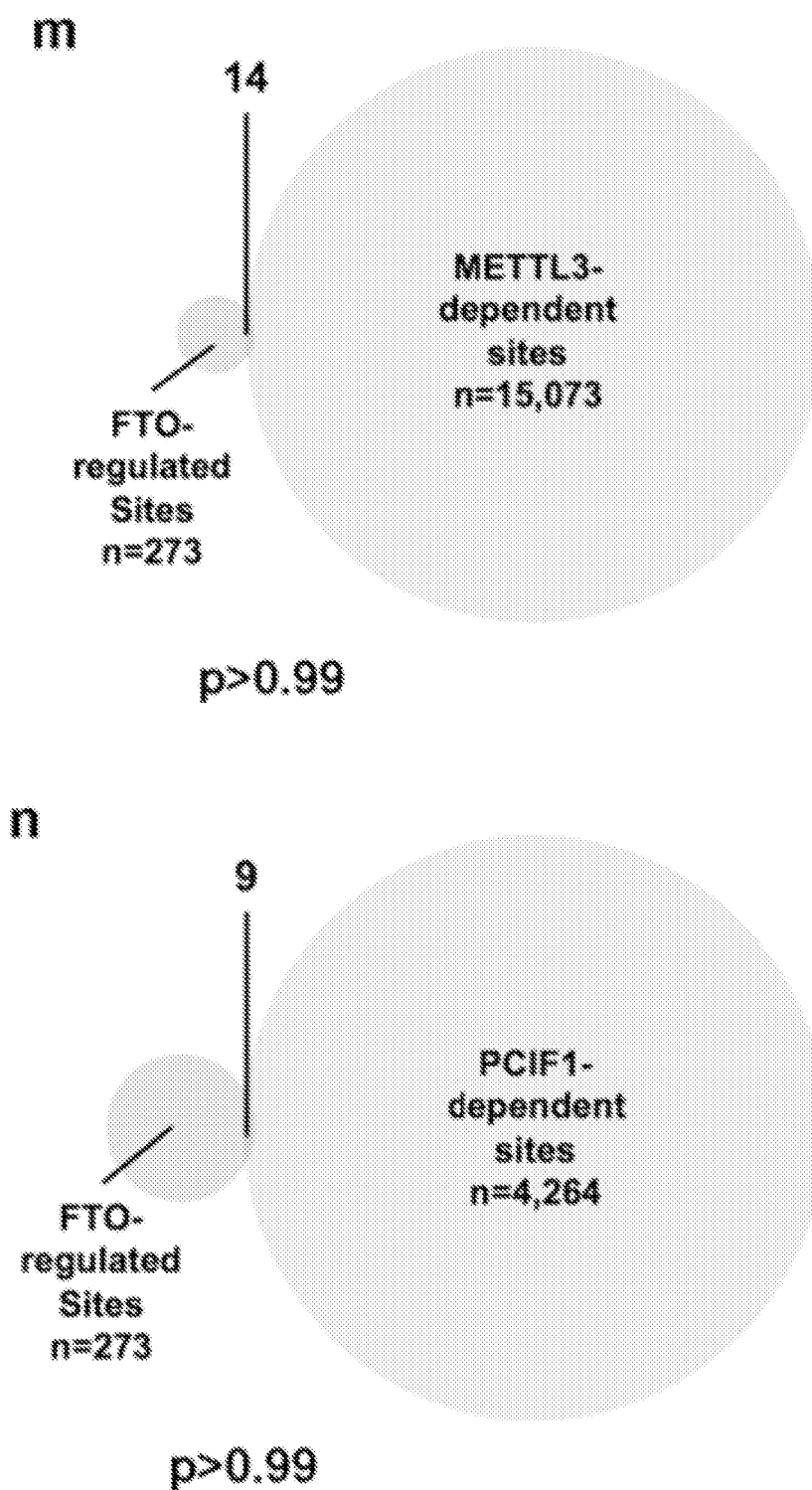


Figure 13 (Continued)

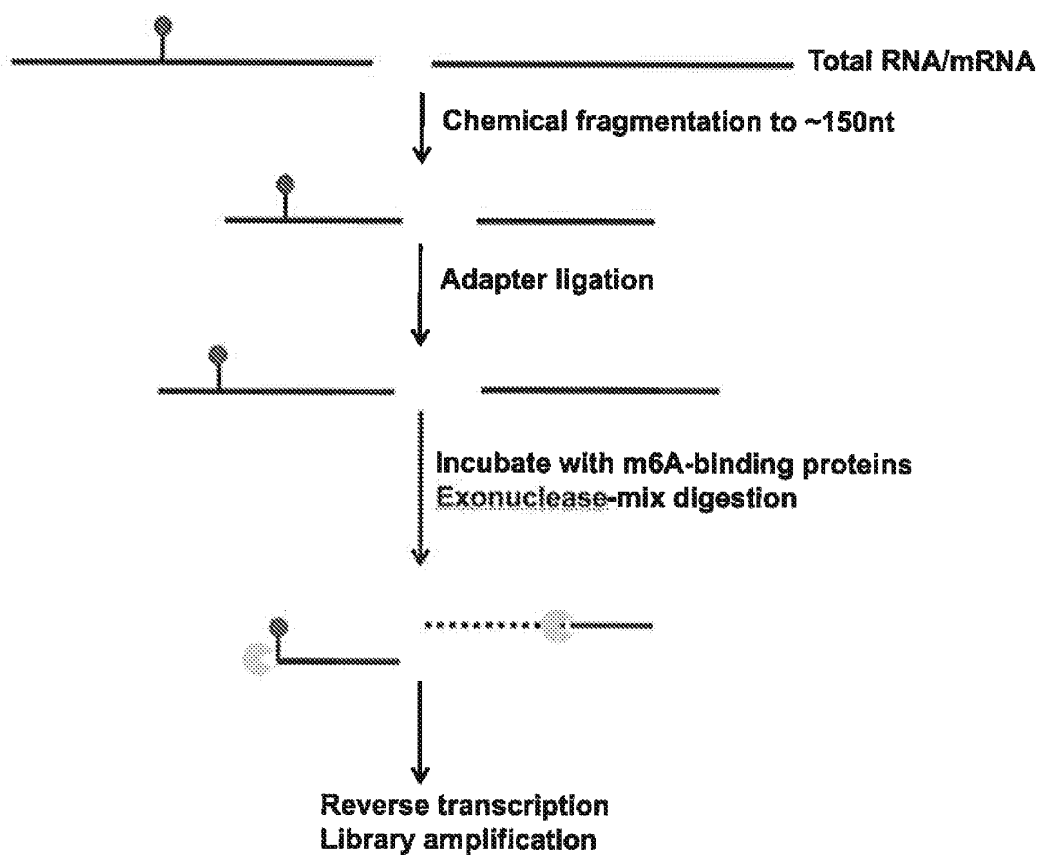


Figure 14