

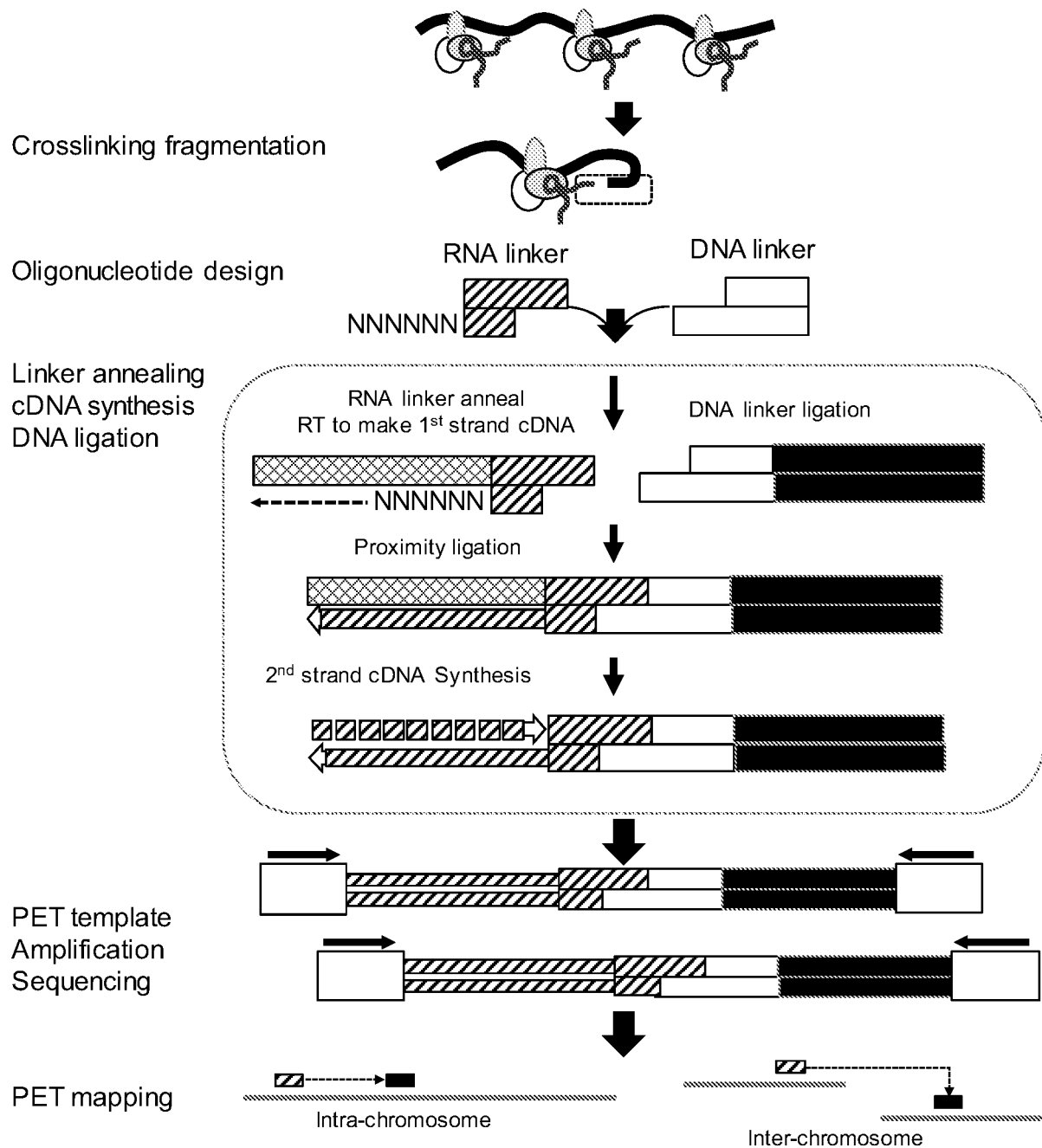


FIG. 1A

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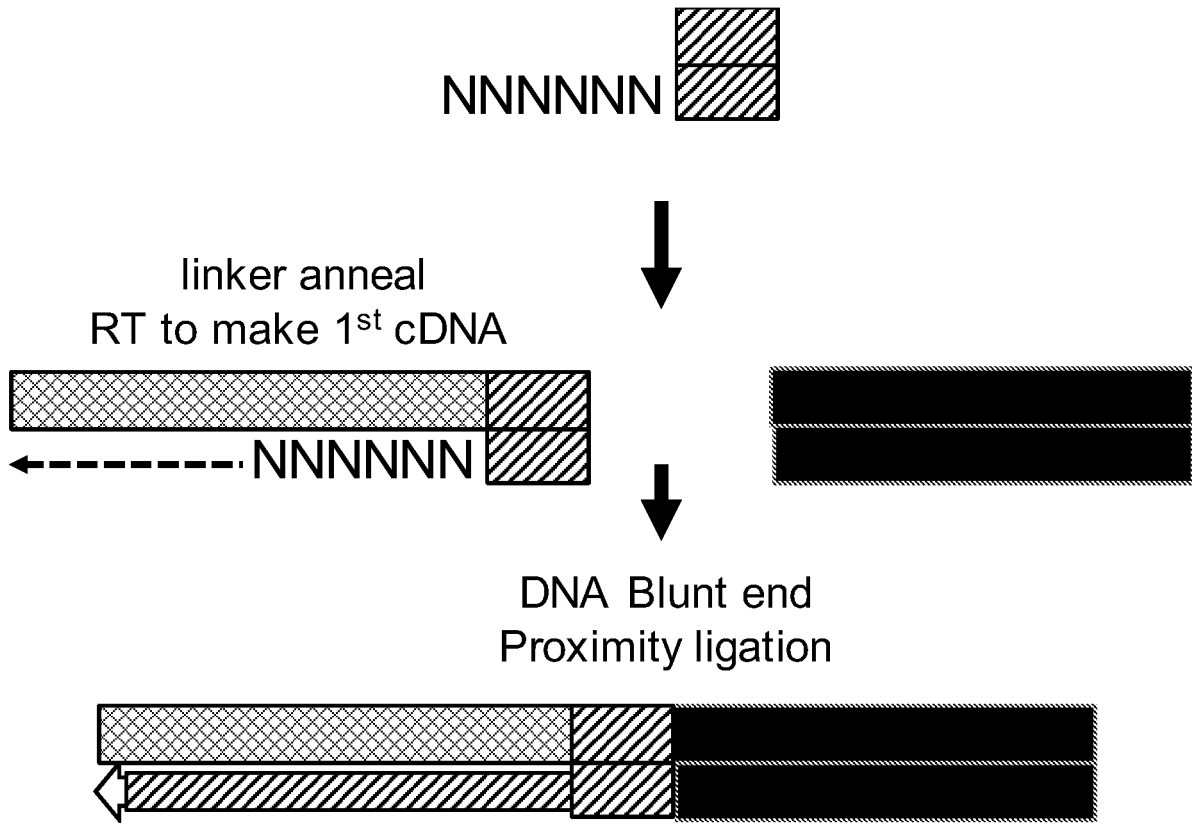


FIG. 1B

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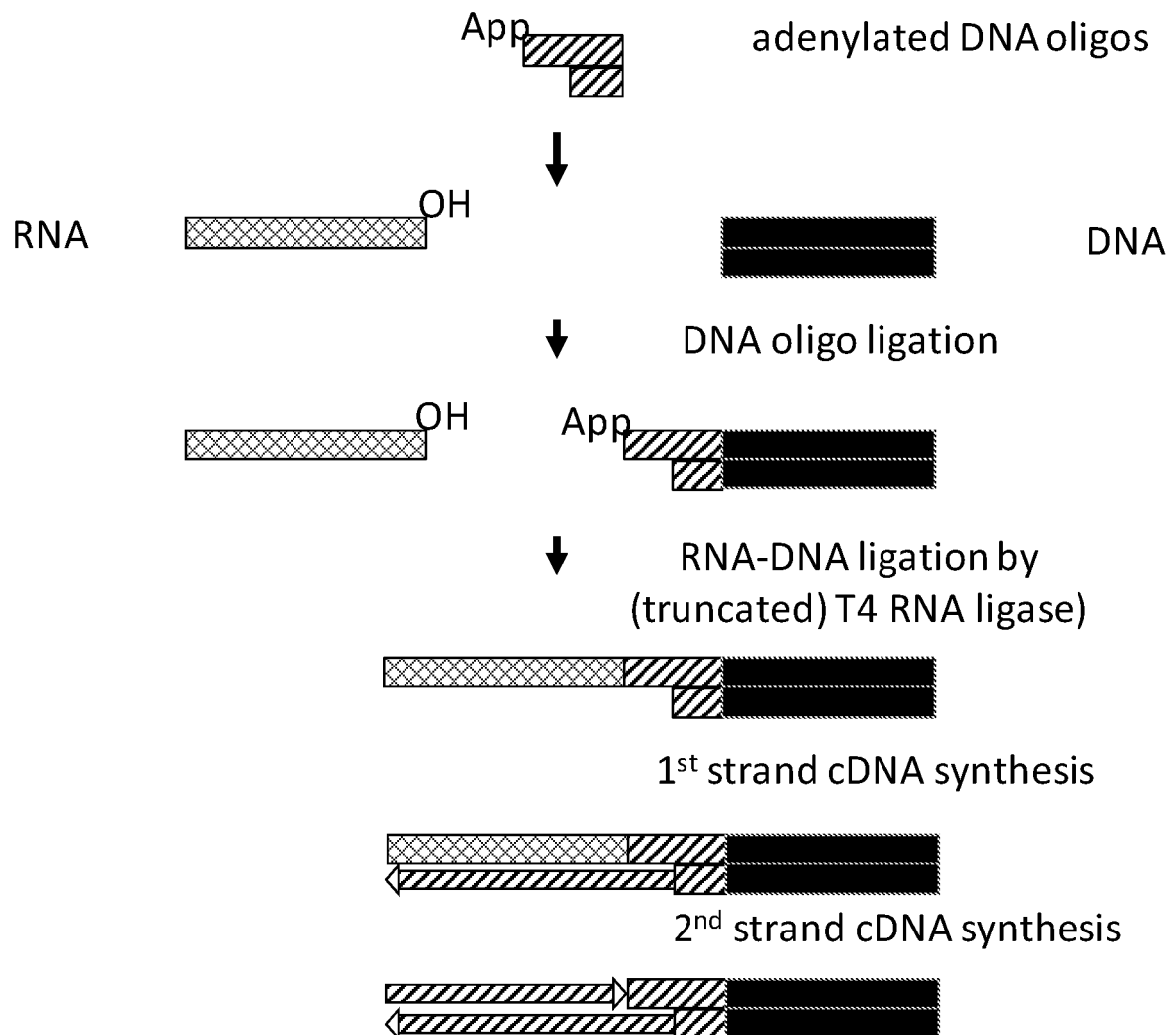


FIG. 1C

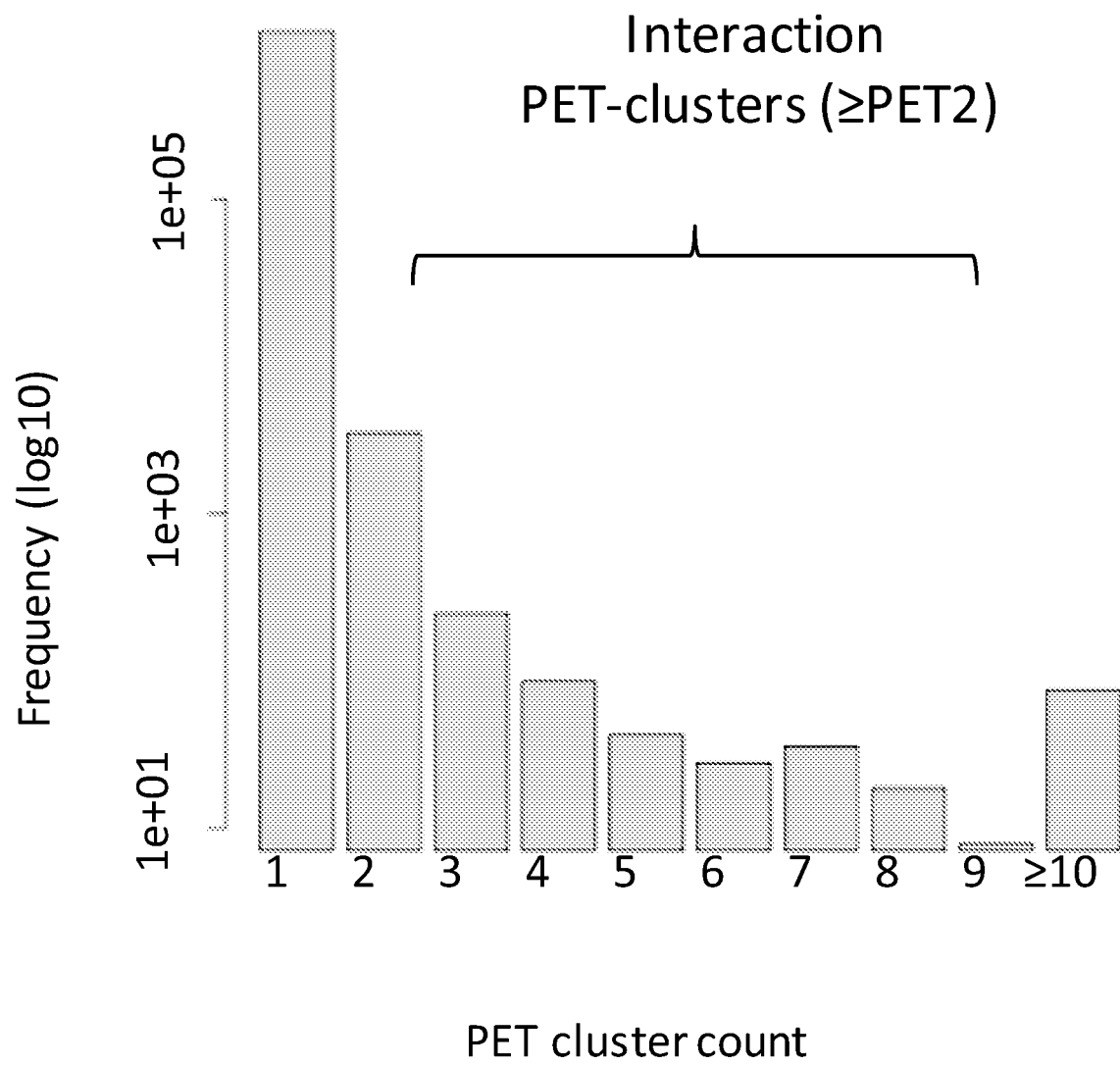


FIG. 2A

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~ 700 ncRNA loci

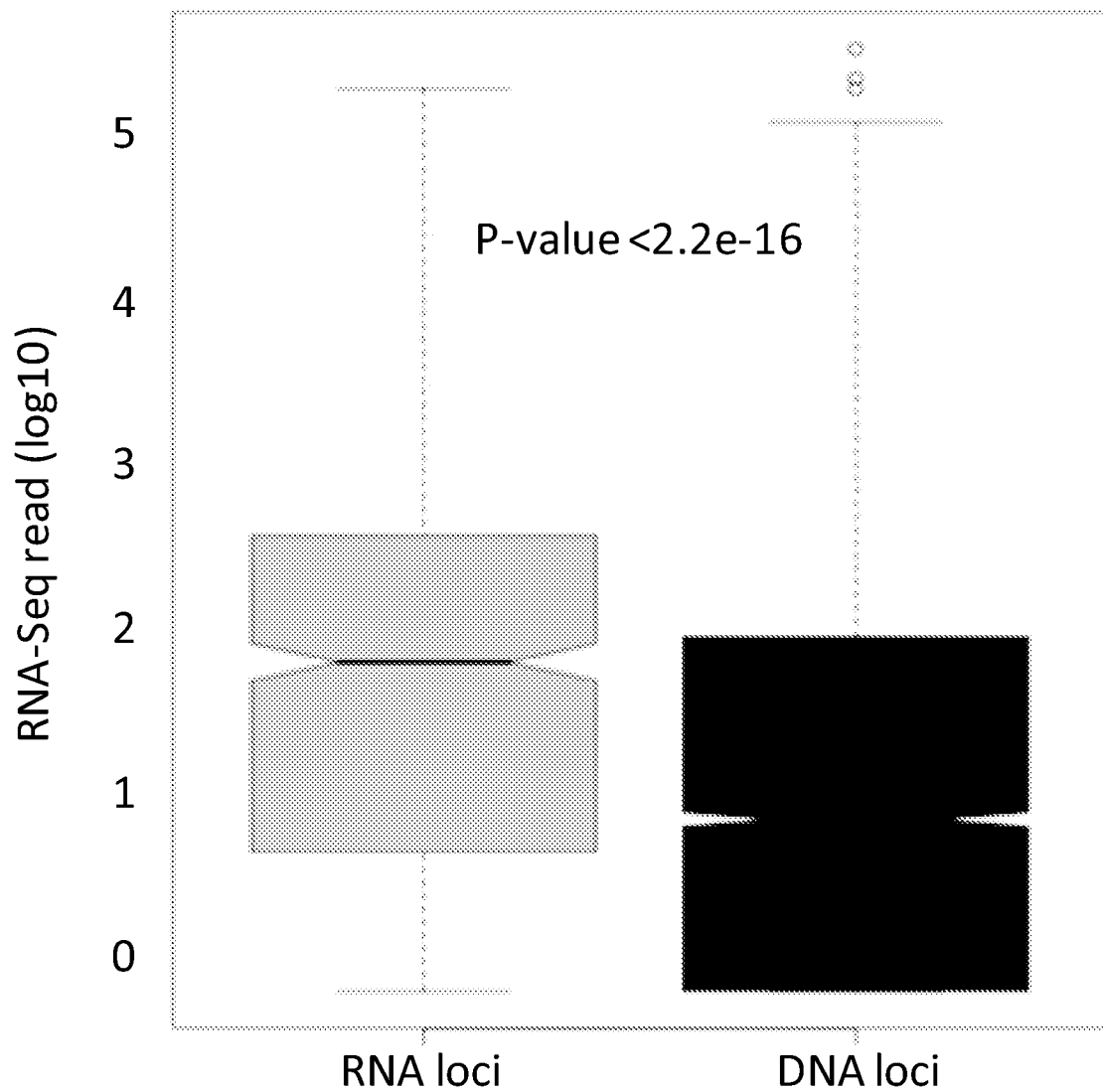
 ~ 5000 DNA loci

FIG. 2B

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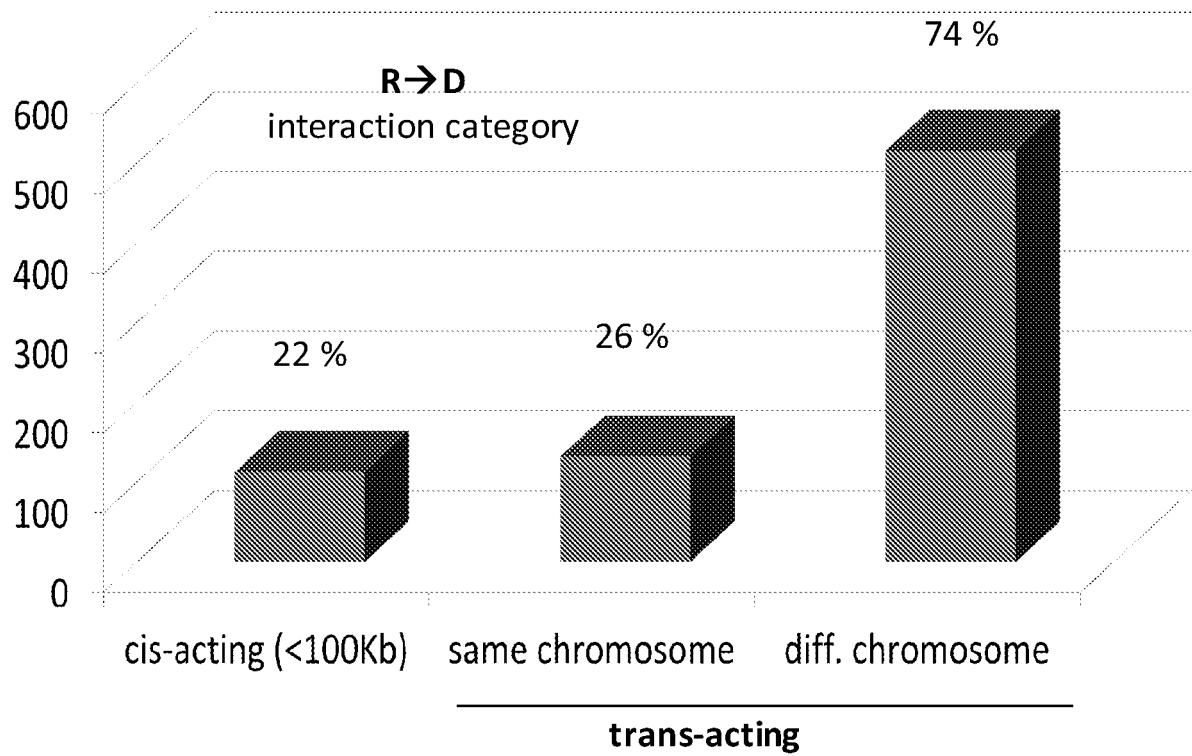


FIG. 2C

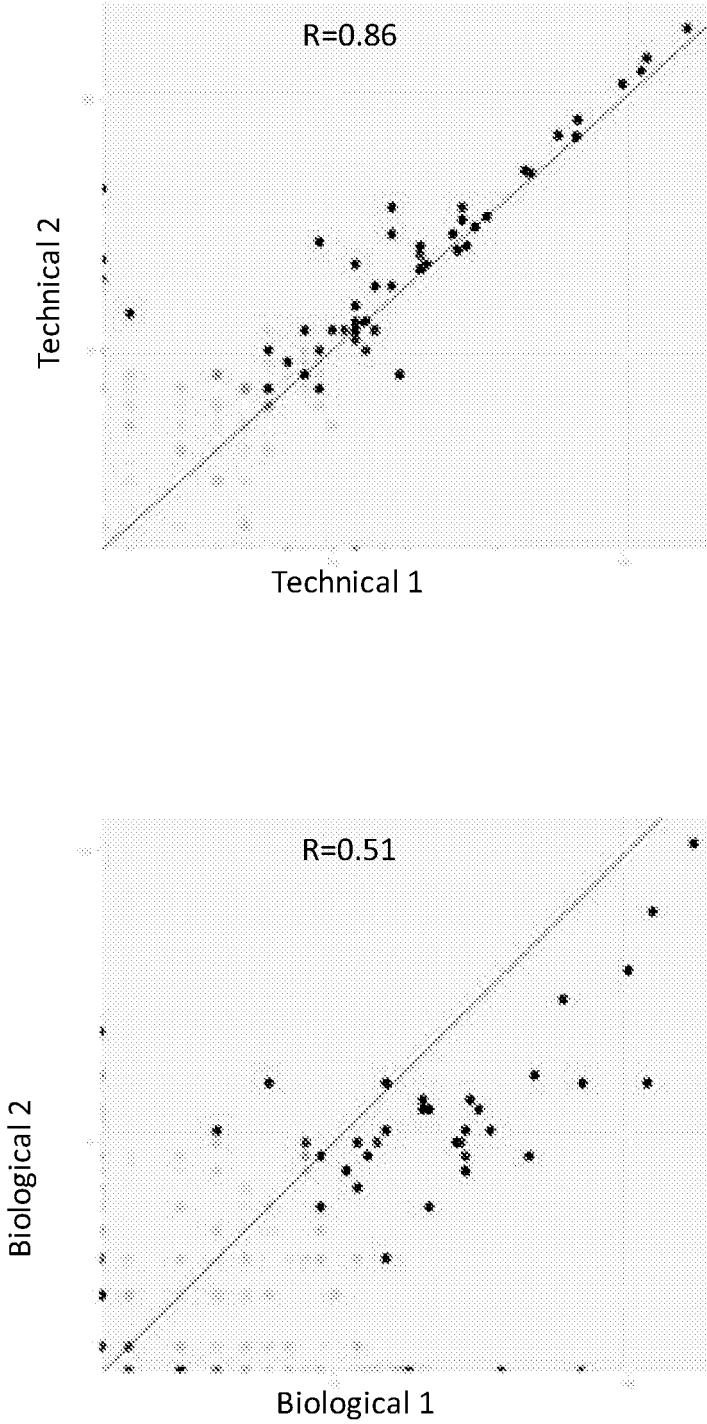


FIG. 3

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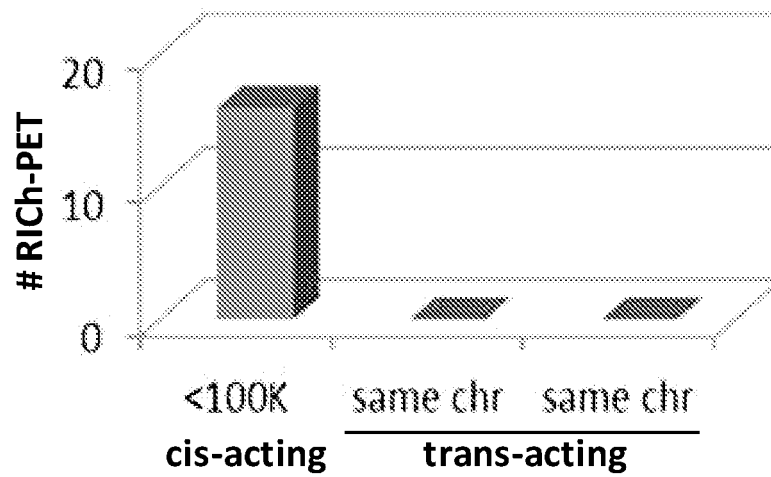
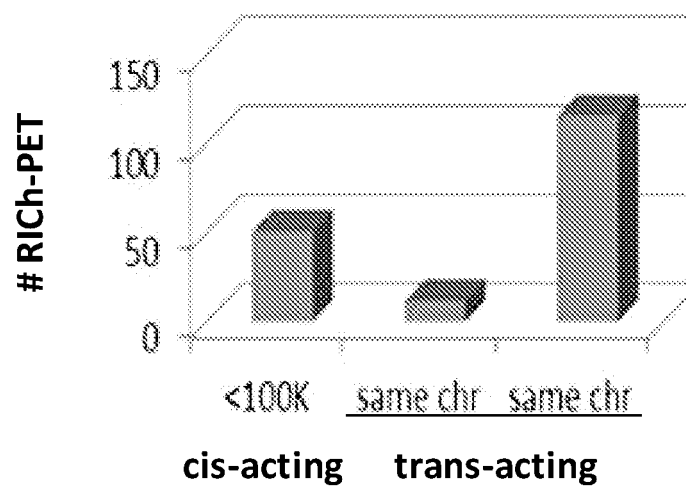
**NEAT1**: cis-acting only**MALAT1**: mostly trans-acting

FIG. 4A

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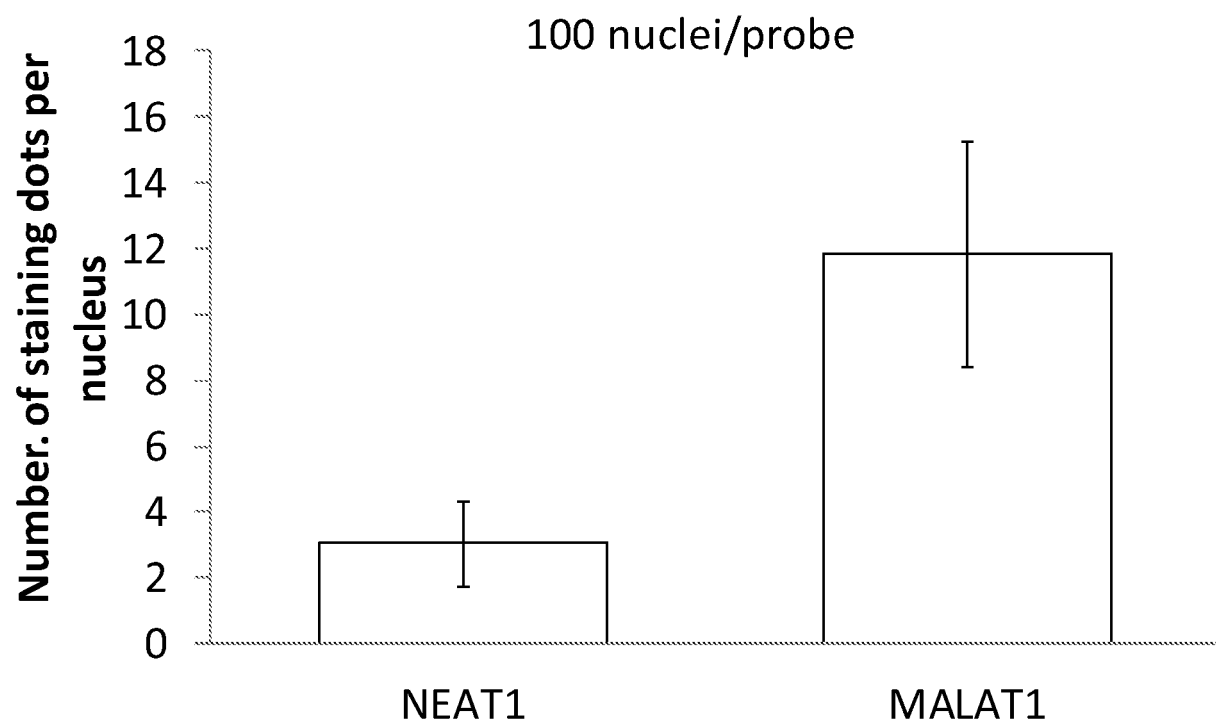


FIG. 4B

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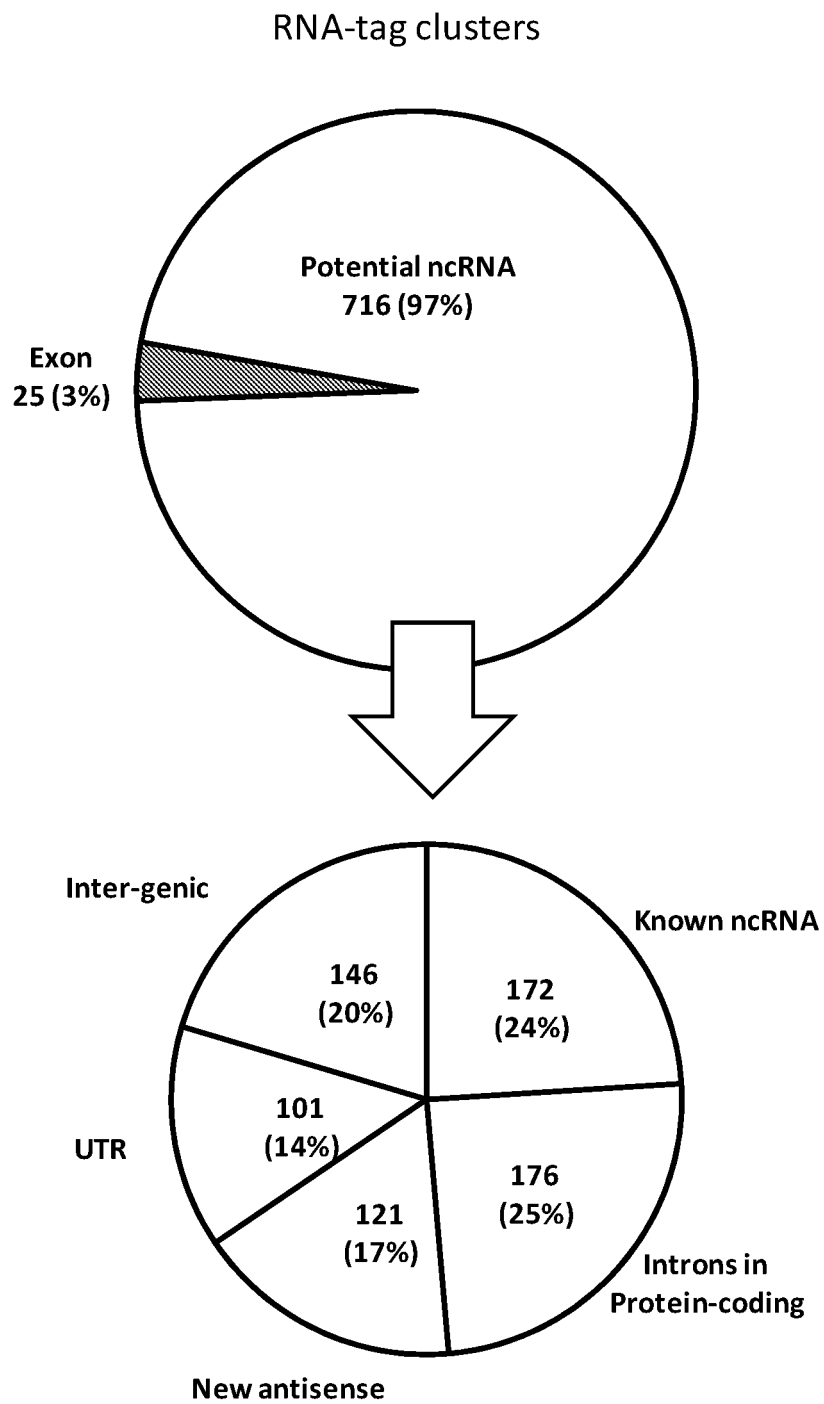


FIG. 5A

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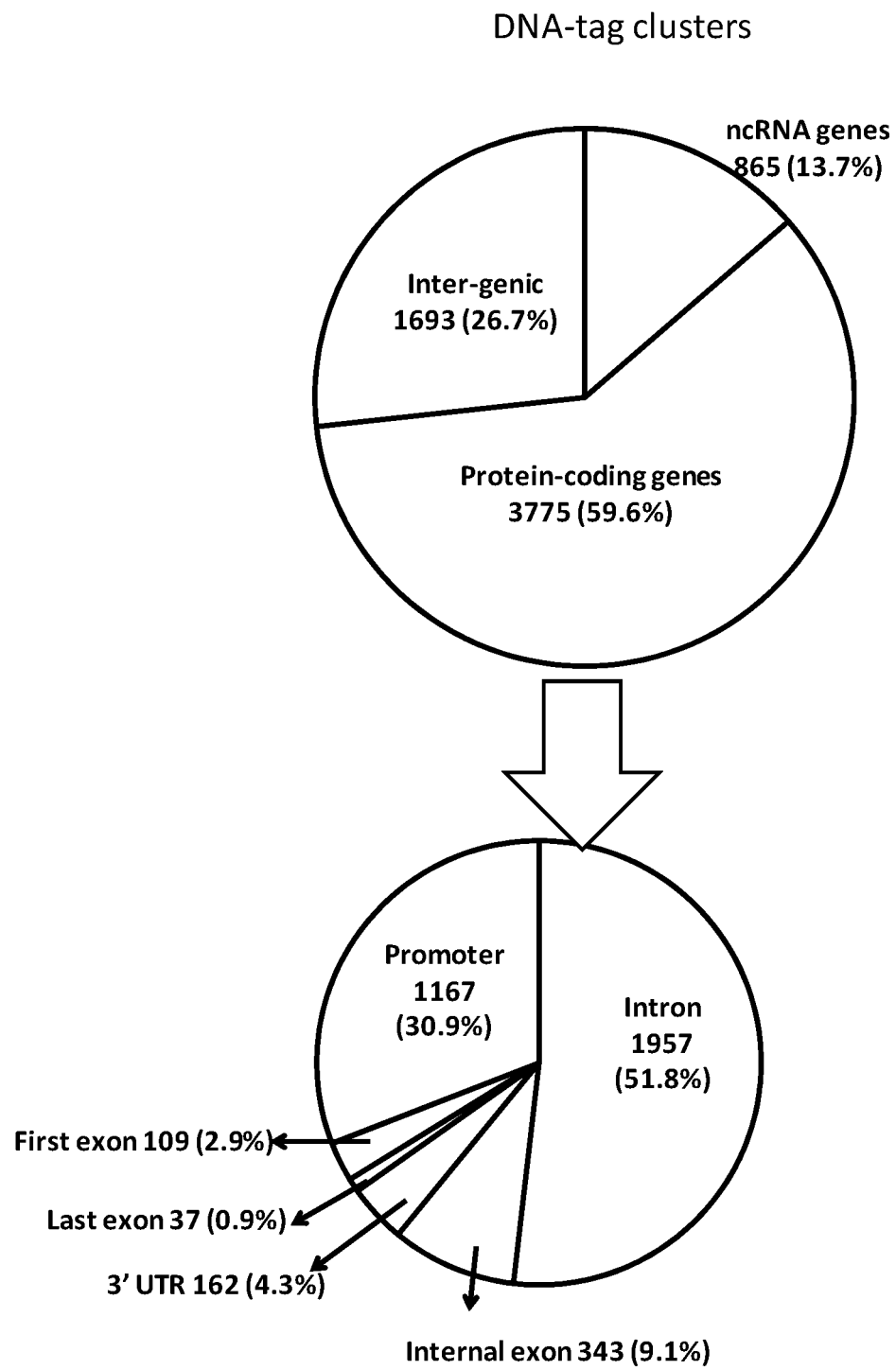


FIG. 5B

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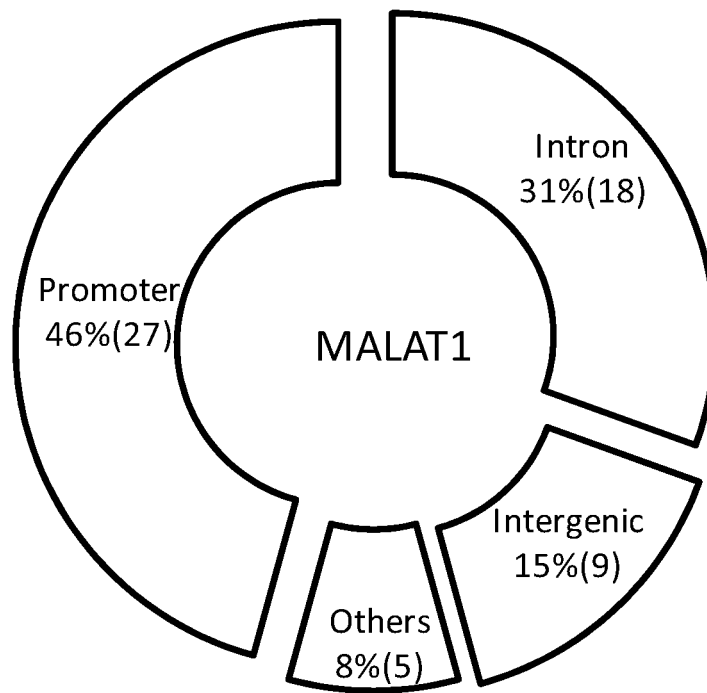


FIG. 6A

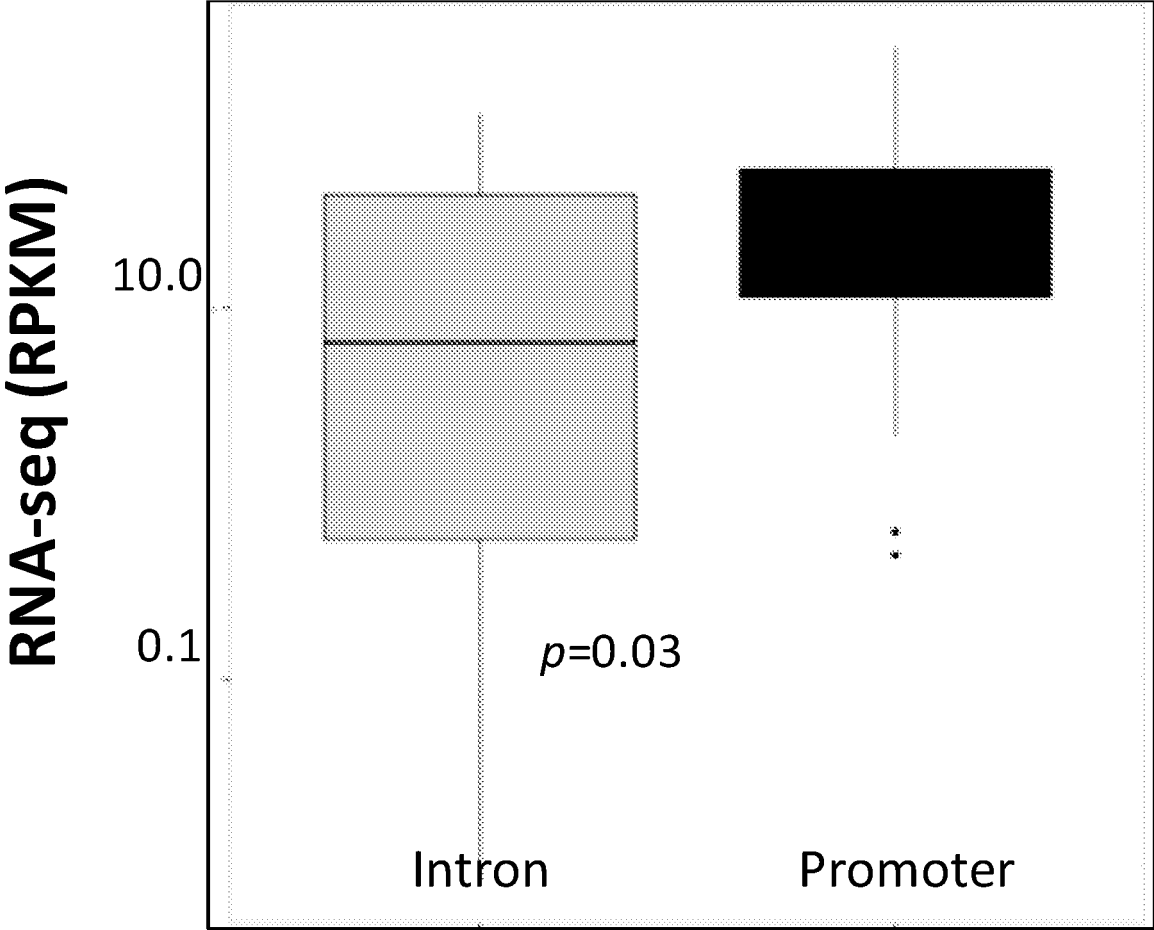


FIG. 6B

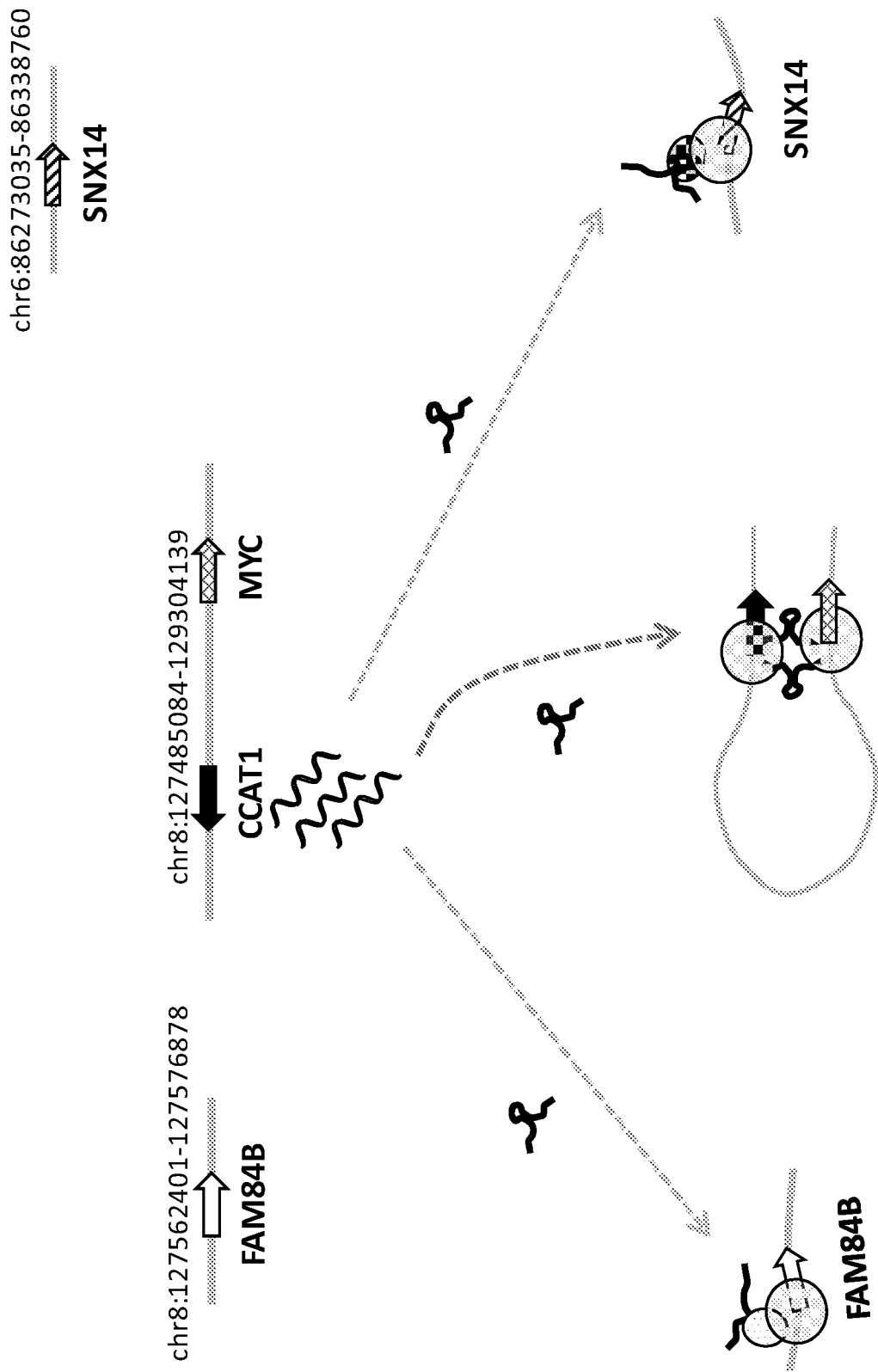


FIG. 7

FIG. 8A

Chr8:128,120,000-128,250,000

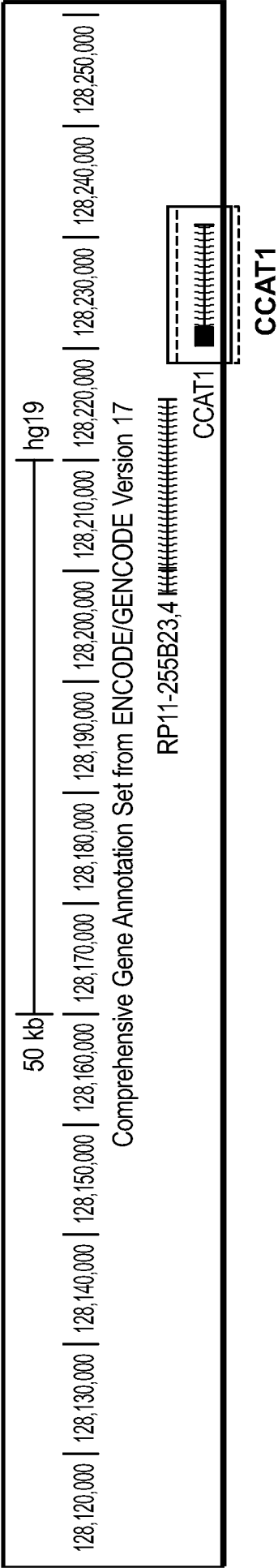
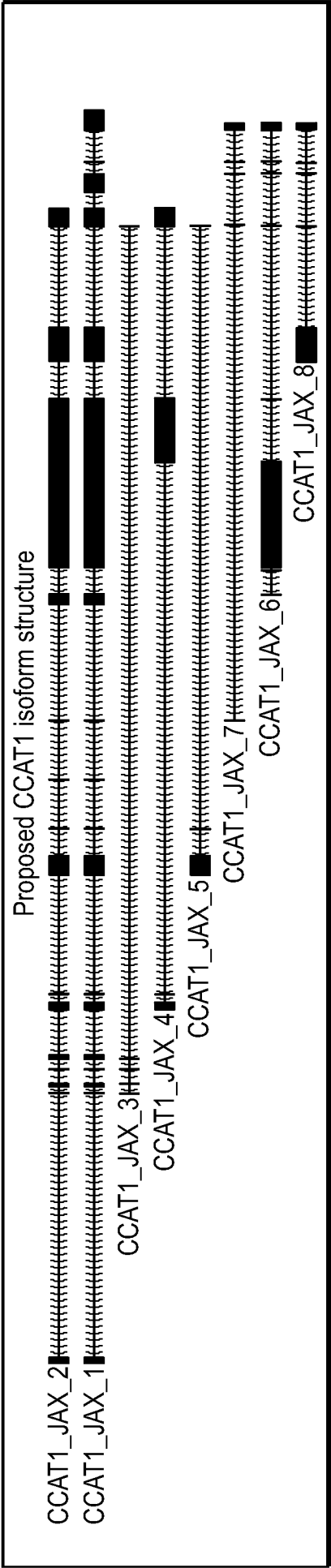


FIG. 8B



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XIST RPKM

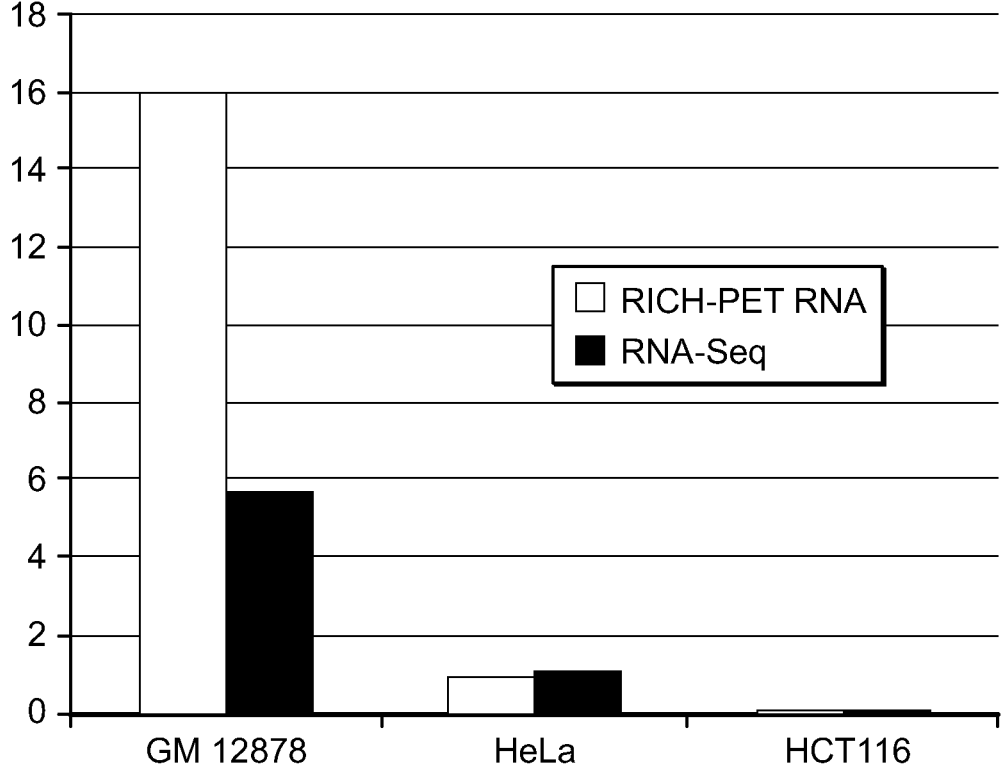


FIG. 9A

No. of XIST target sites per million sequenced reads per million base of each chromosome

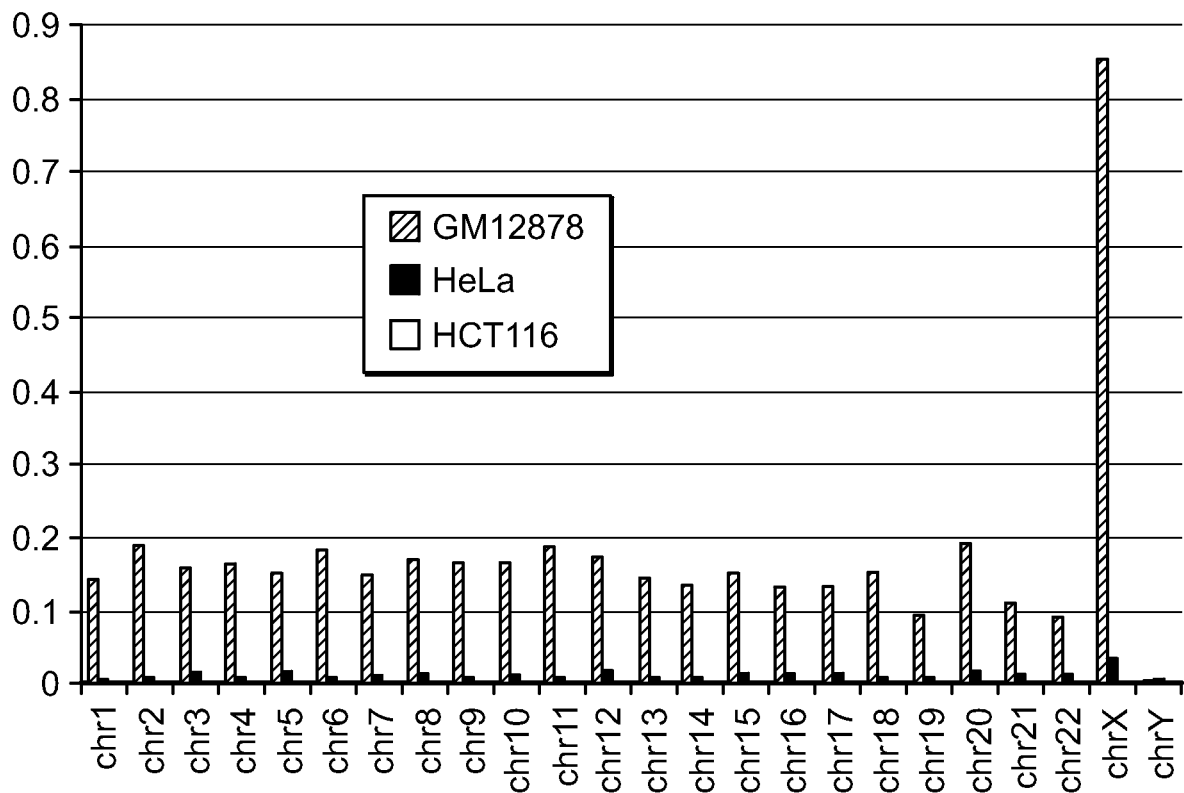


FIG. 9B