

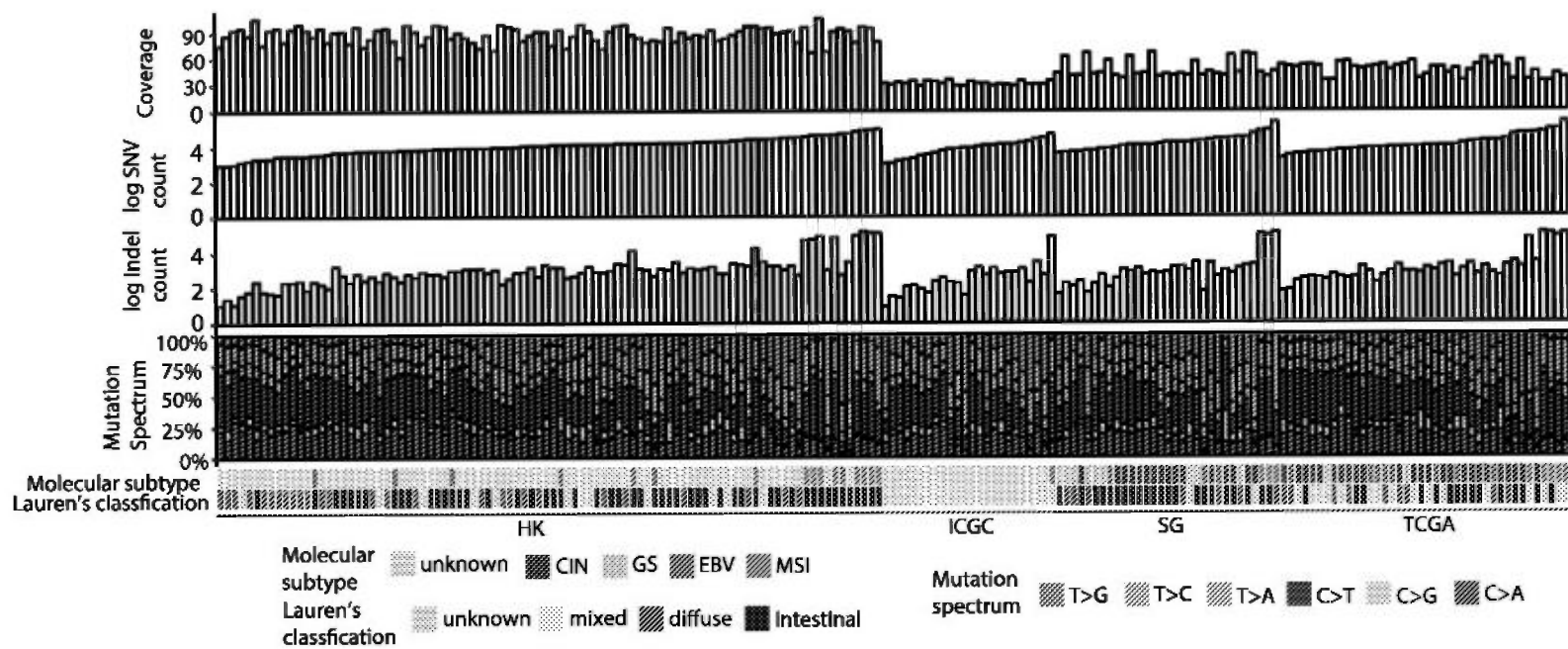


FIG. 1A

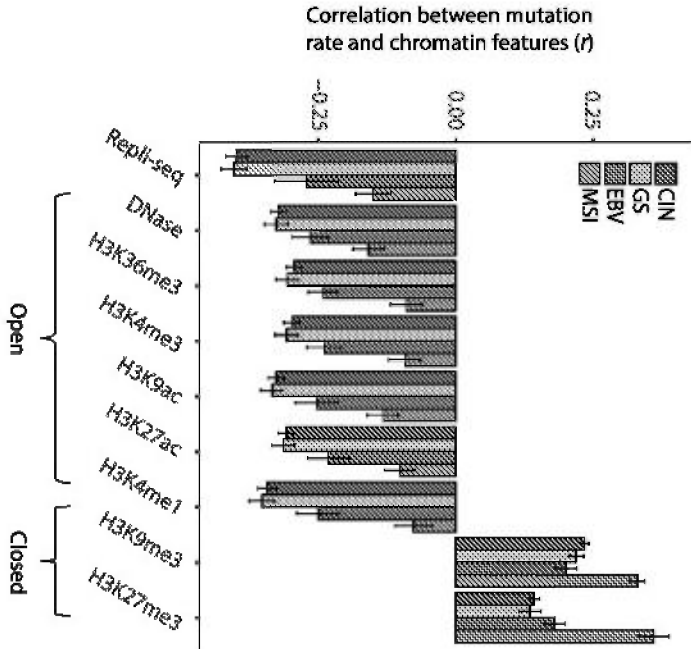


FIG. 1B

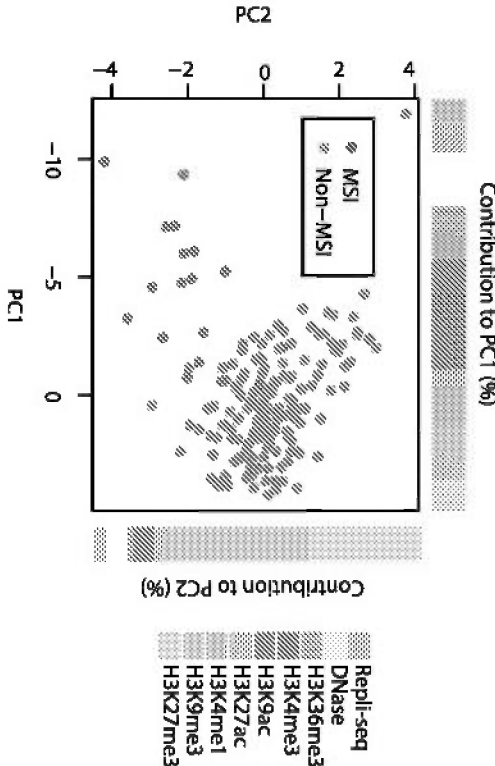


FIG. 1C

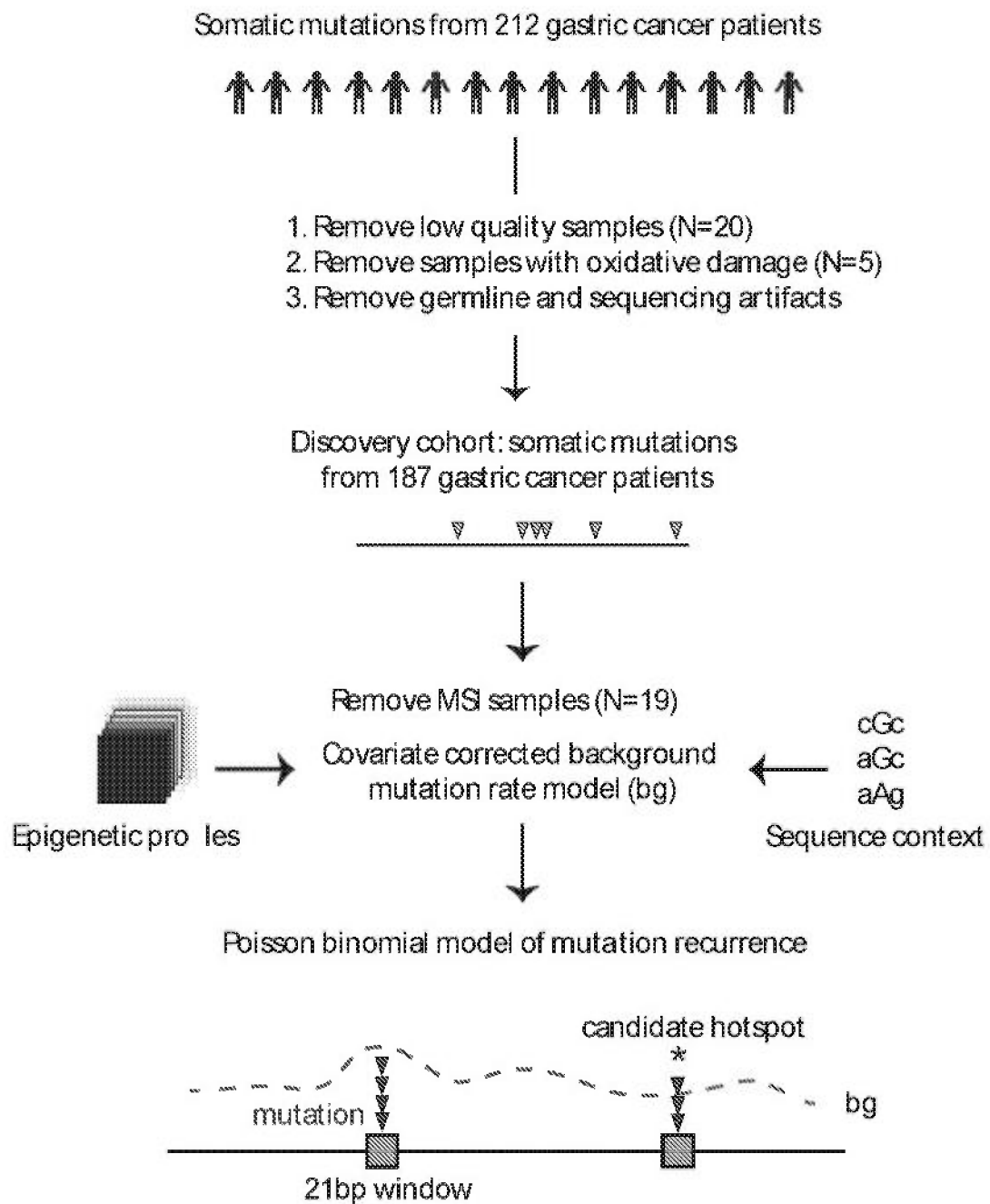


FIG. 2A

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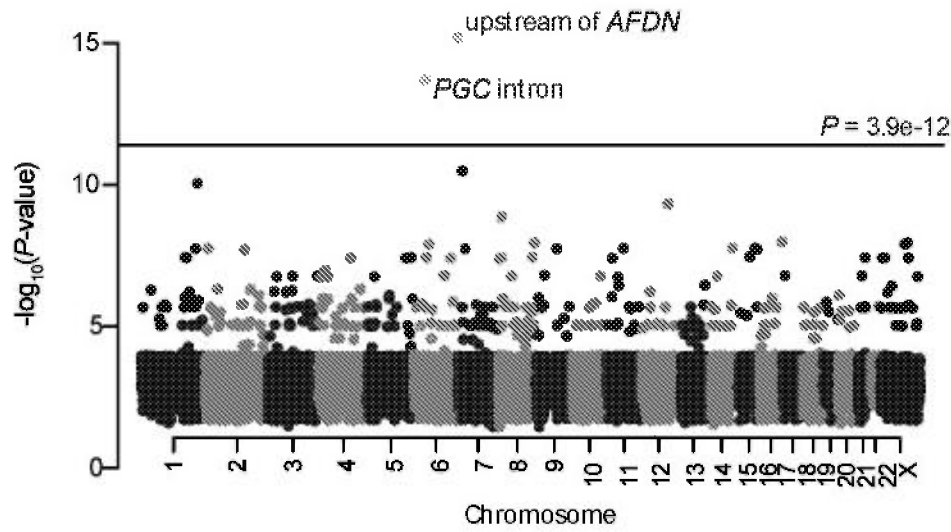


FIG. 2B

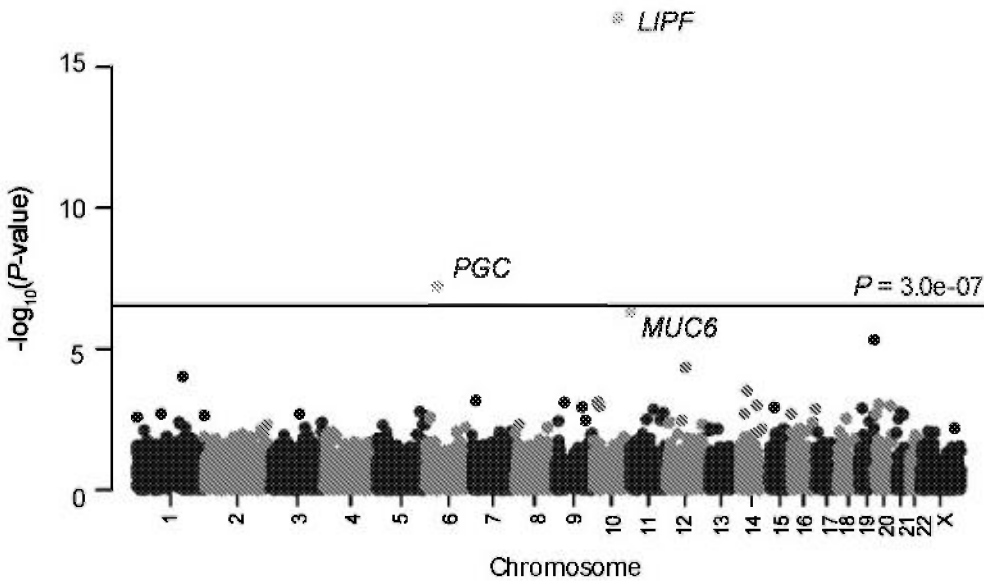


FIG. 2C

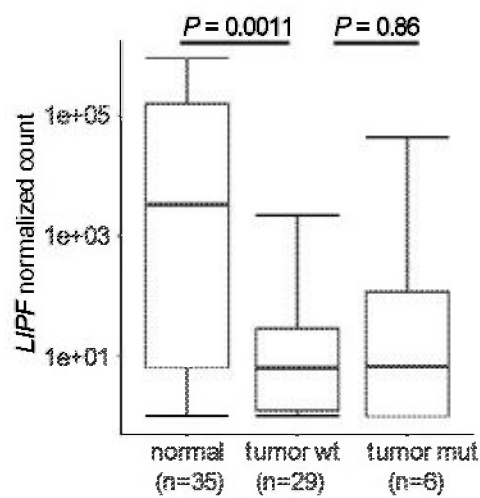


FIG. 2D

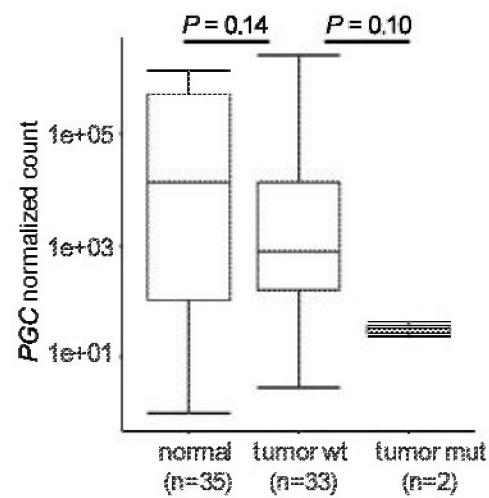


FIG. 2E

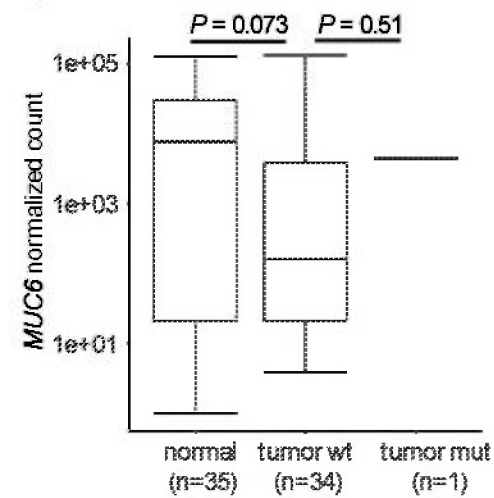


FIG. 2F

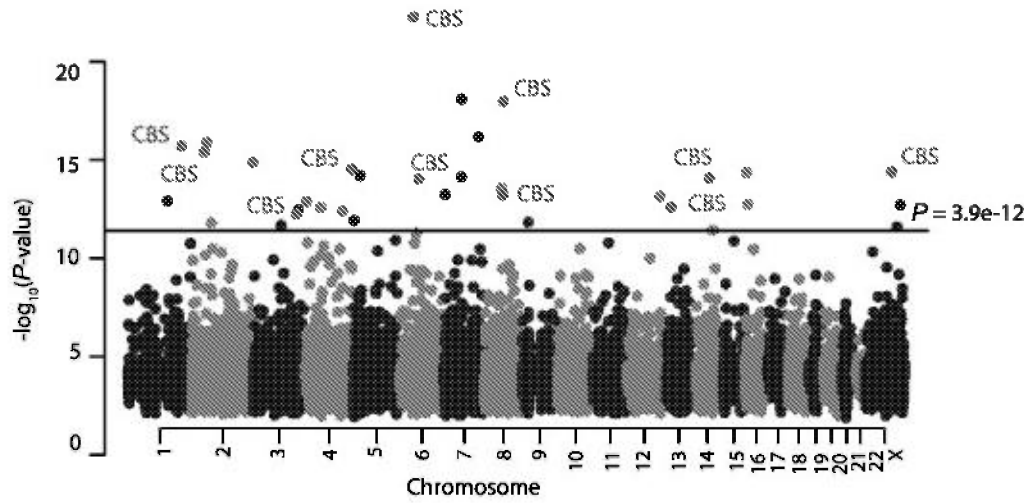


FIG. 3A

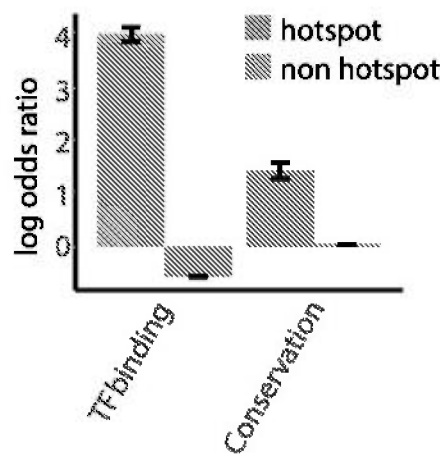


FIG. 3B

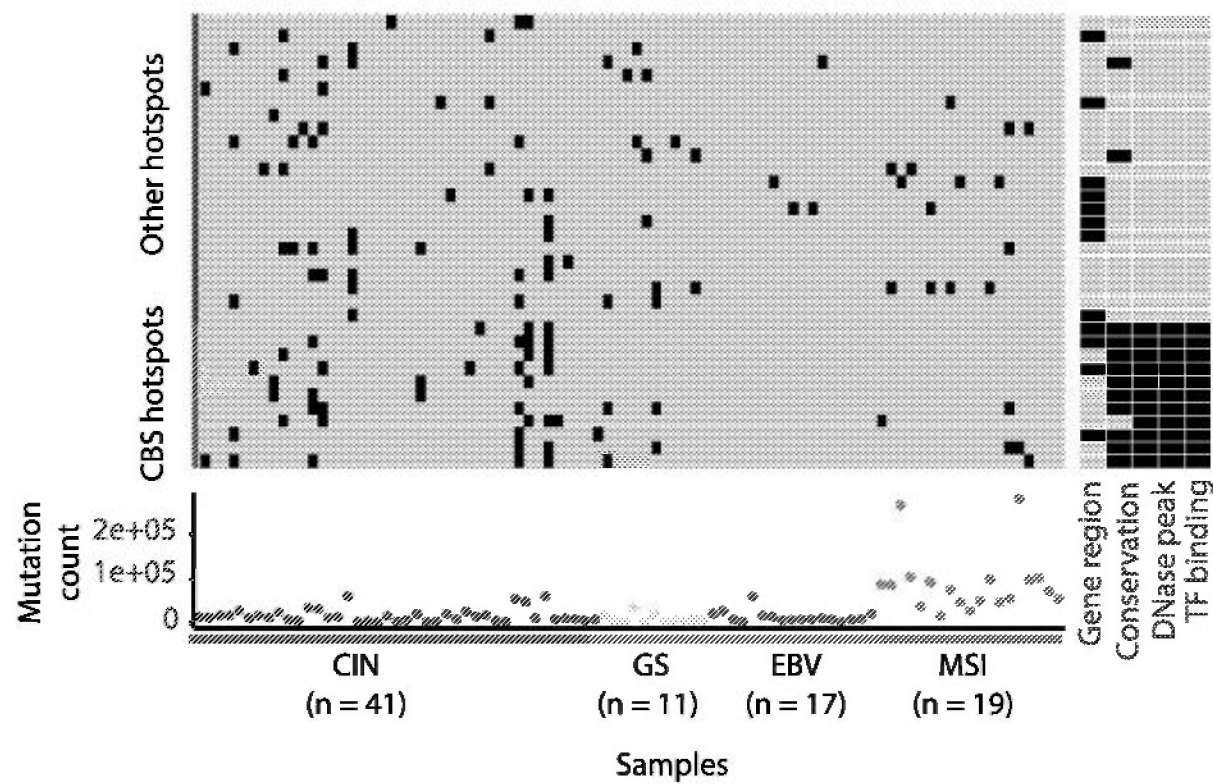


FIG. 3C

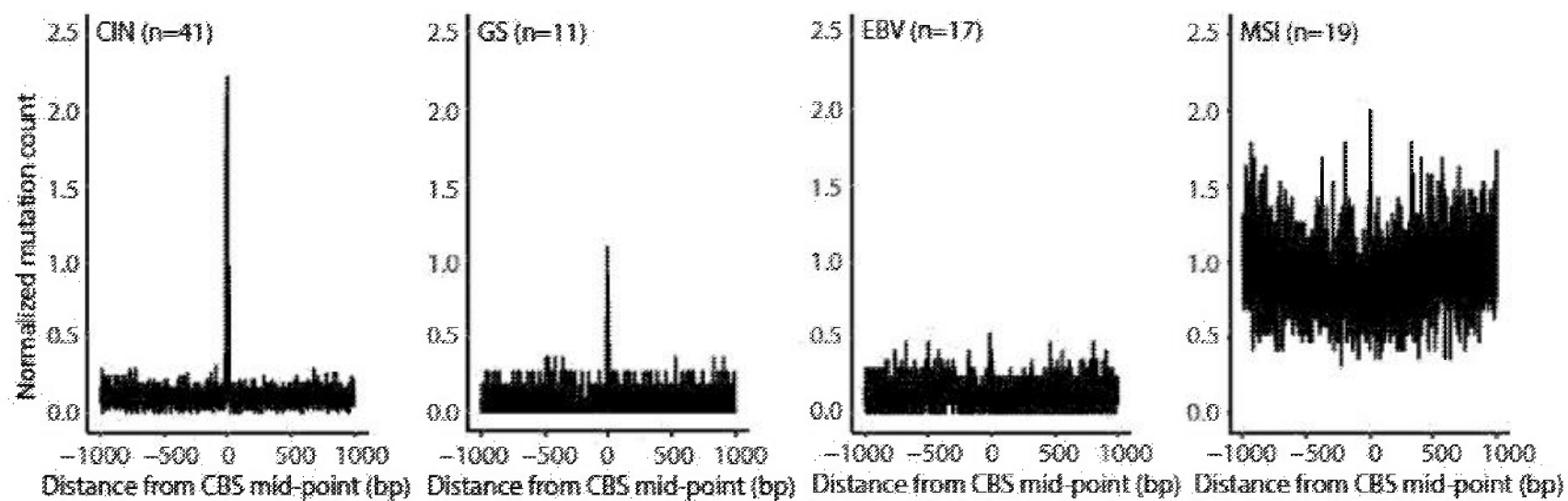


FIG. 4A

FIG. 4B

FIG. 4C

FIG. 4D

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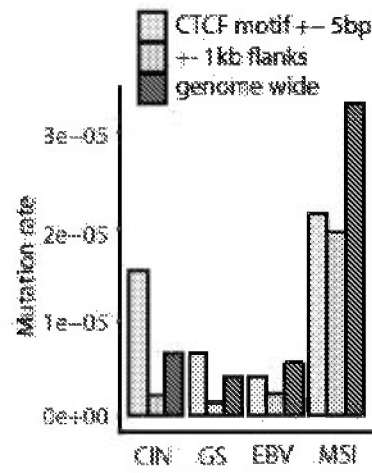


FIG. 4E

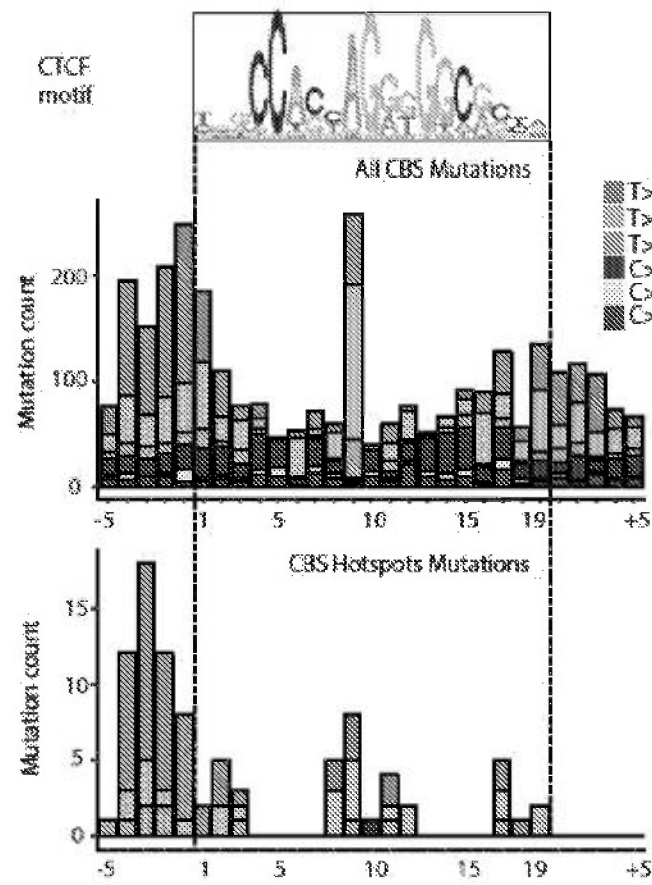


FIG. 4F

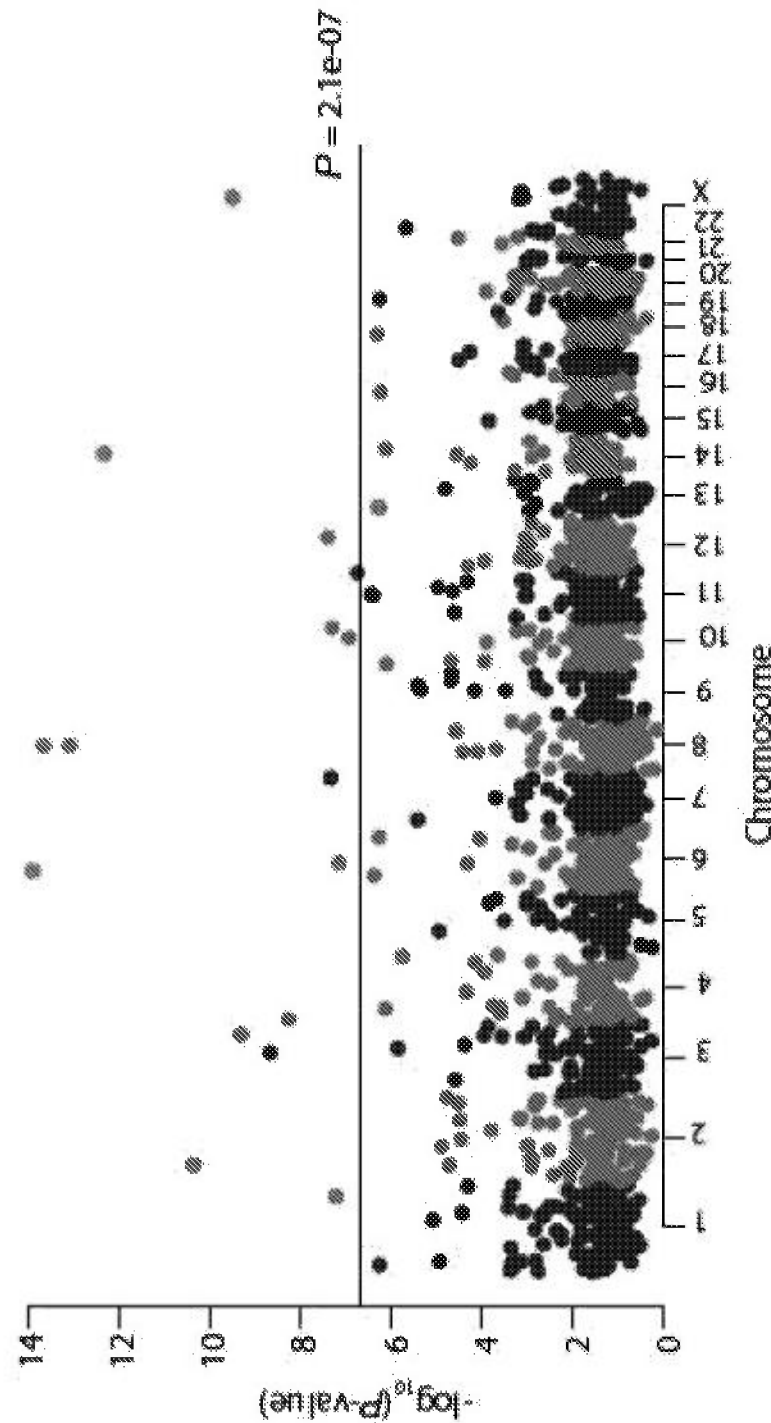


FIG. 4G

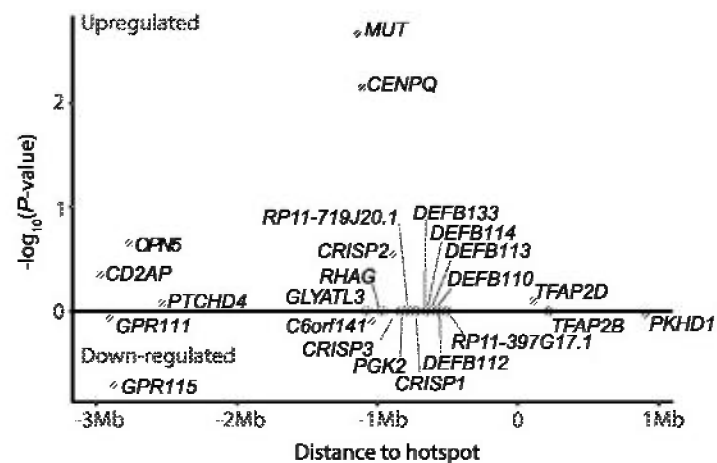


FIG. 5A

chr6: 50570087-50570110

Mutated alleles

Reference

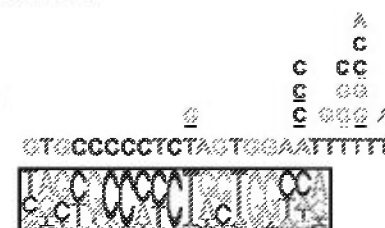
CTCF motif
(reverse
complement)

FIG. 5B

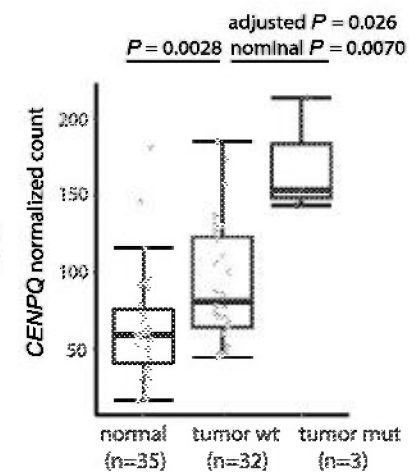


FIG. 5C

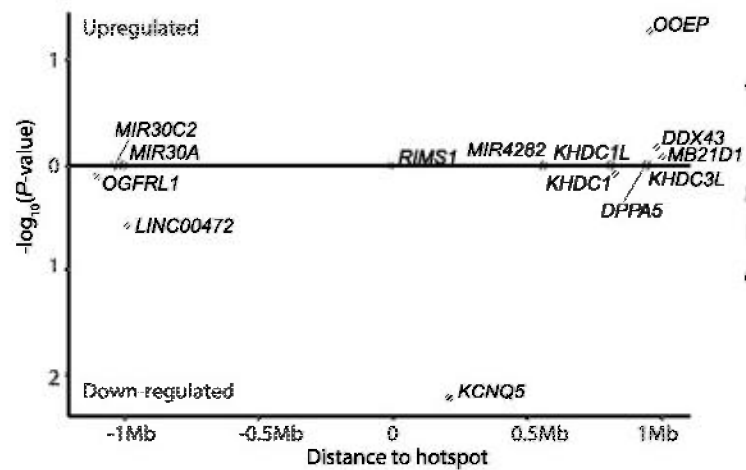


FIG. 5D

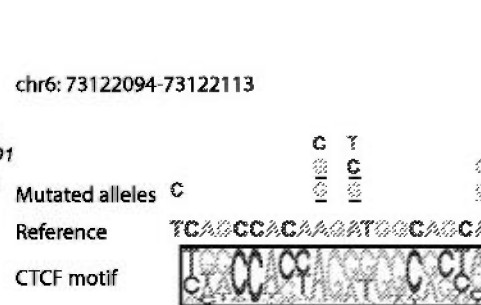


FIG. 5E

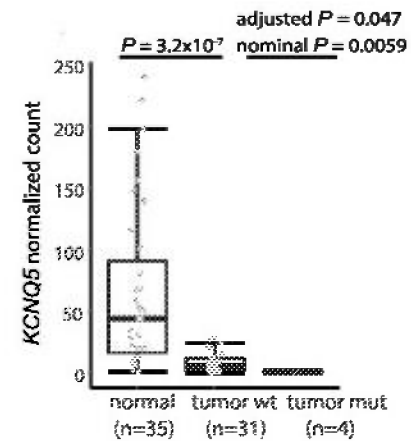


FIG. 5F

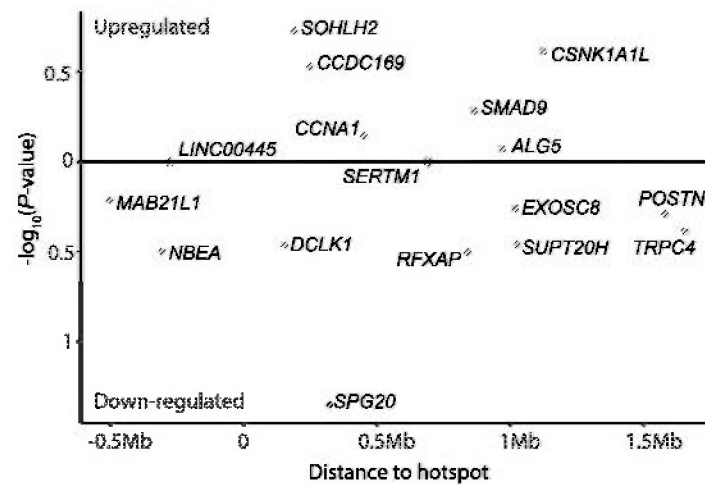


FIG. 5G

chr13: 36552831-36552851

Mutated alleles

Reference

CTCF motif

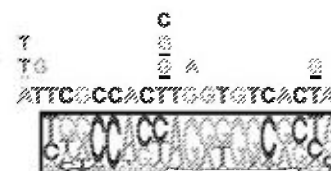


FIG. 5H

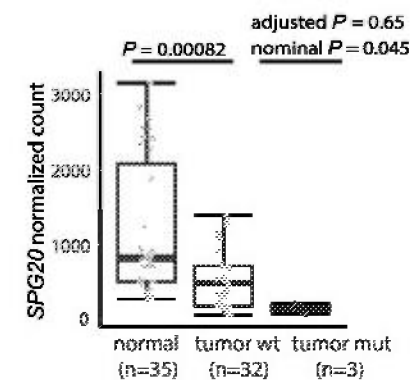


FIG. 5I

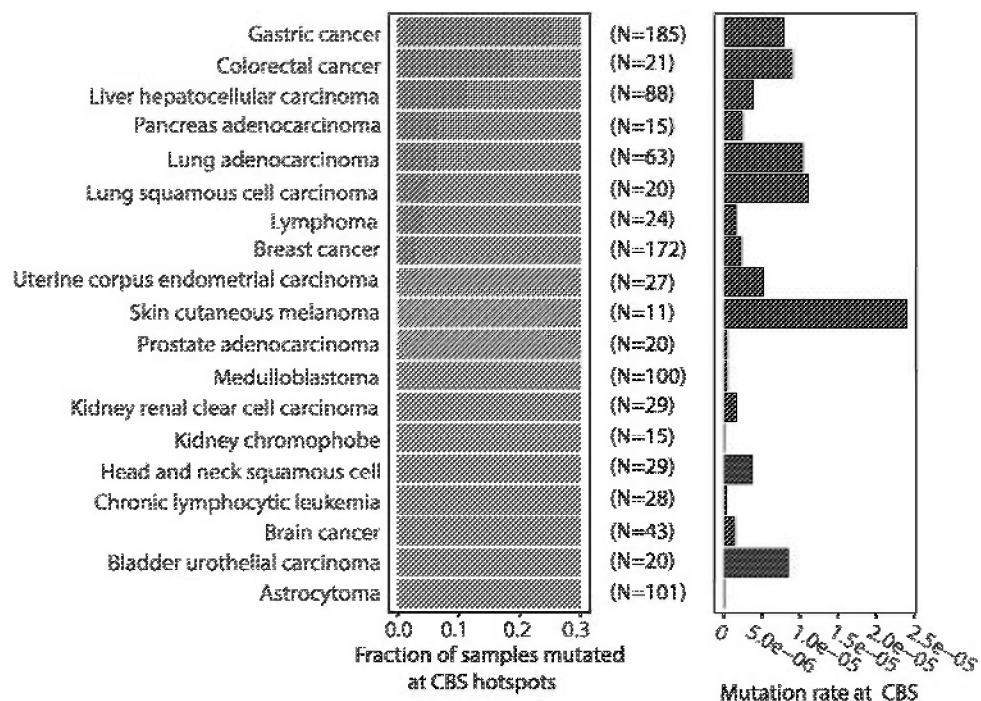


FIG. 6A

FIG. 6B

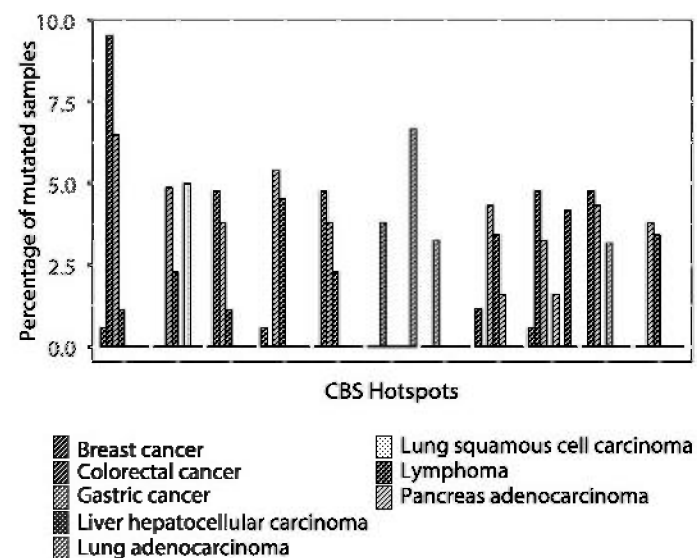


FIG. 6C

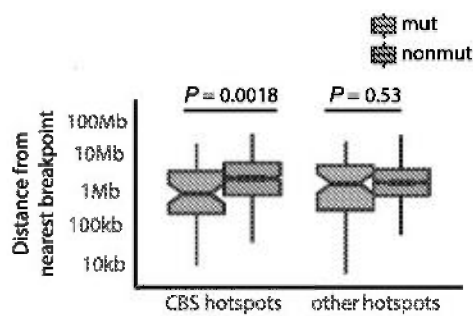


FIG. 7A

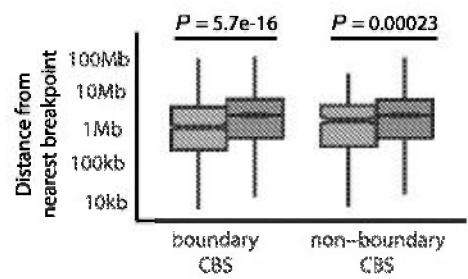


Fig 7B

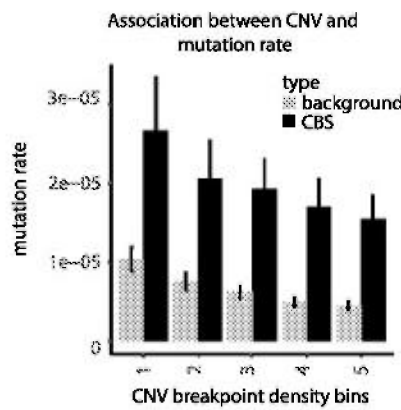


FIG. 7C

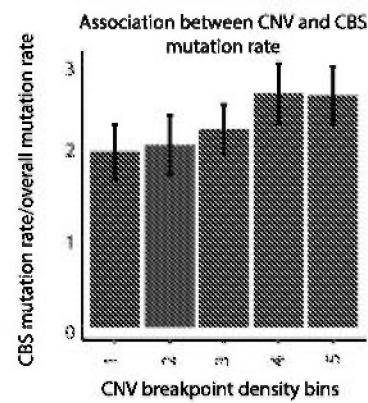


FIG. 7D

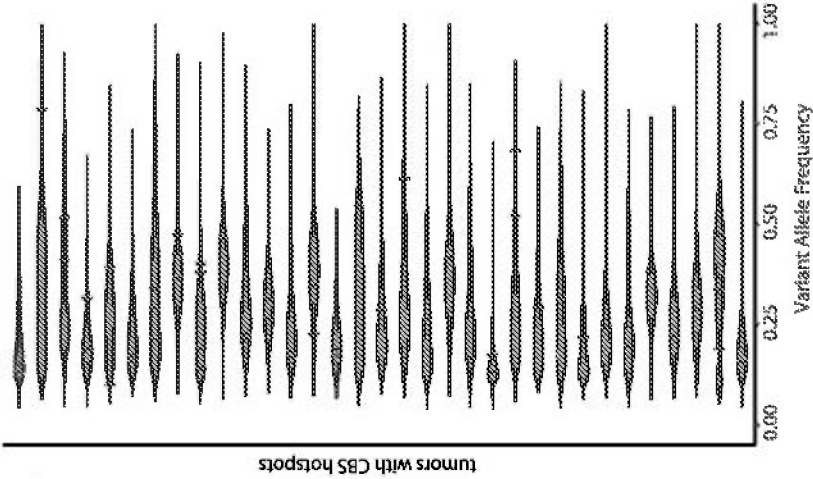


FIG. 7E

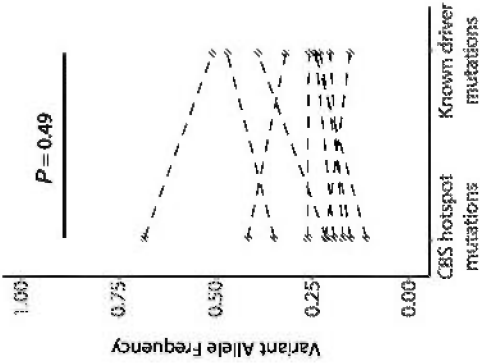


FIG. 7F

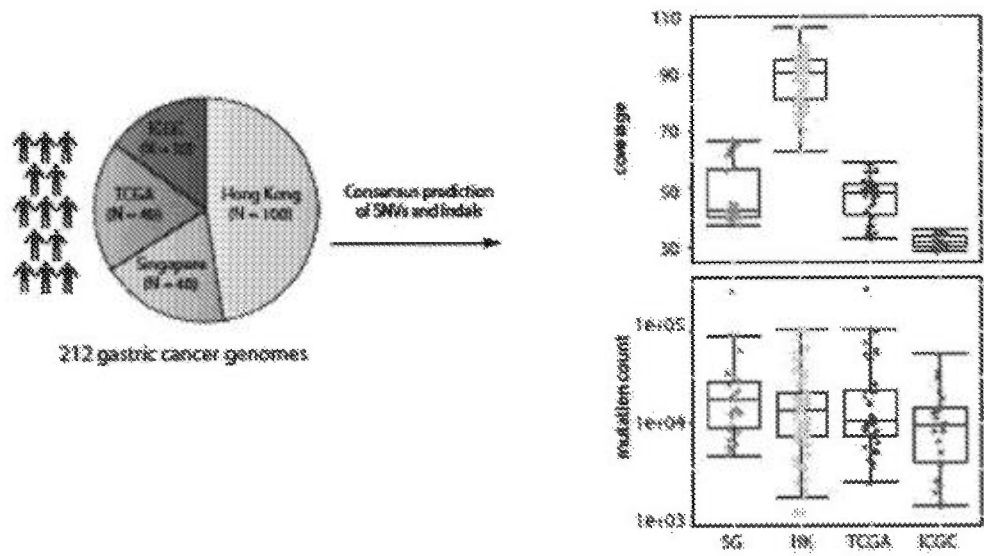


FIG. 8A

FIG. 8B

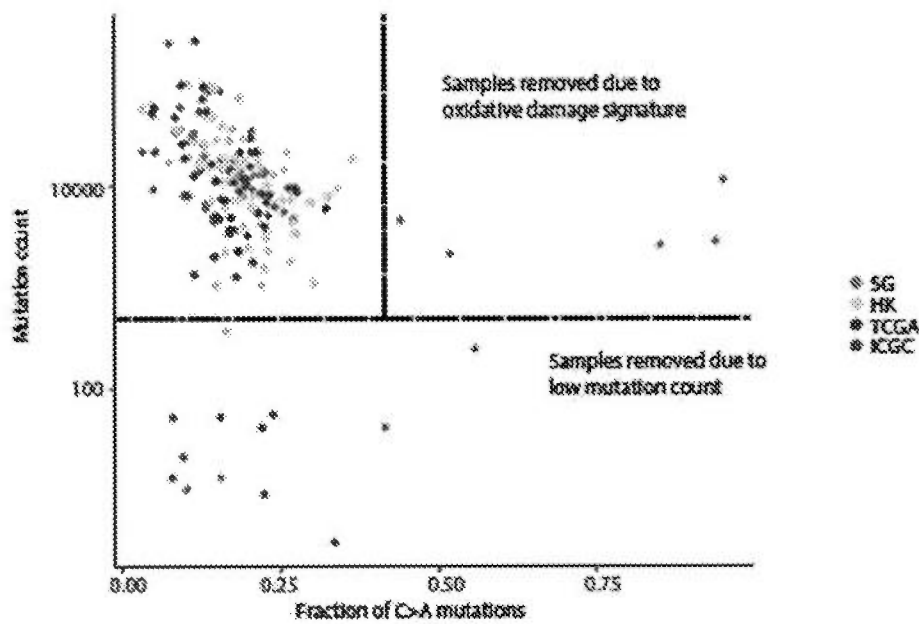


FIG. 8C

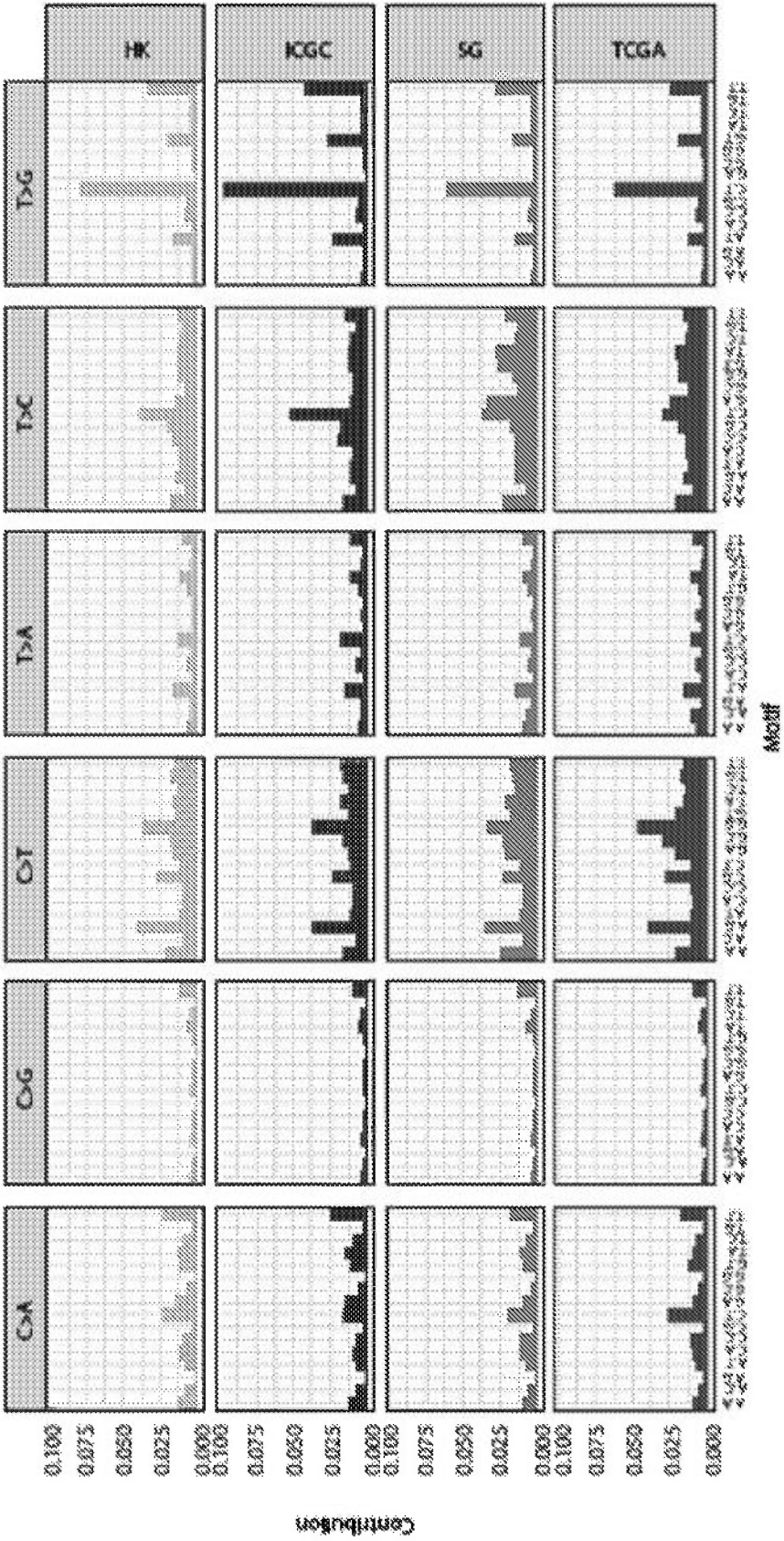


FIG. 8D

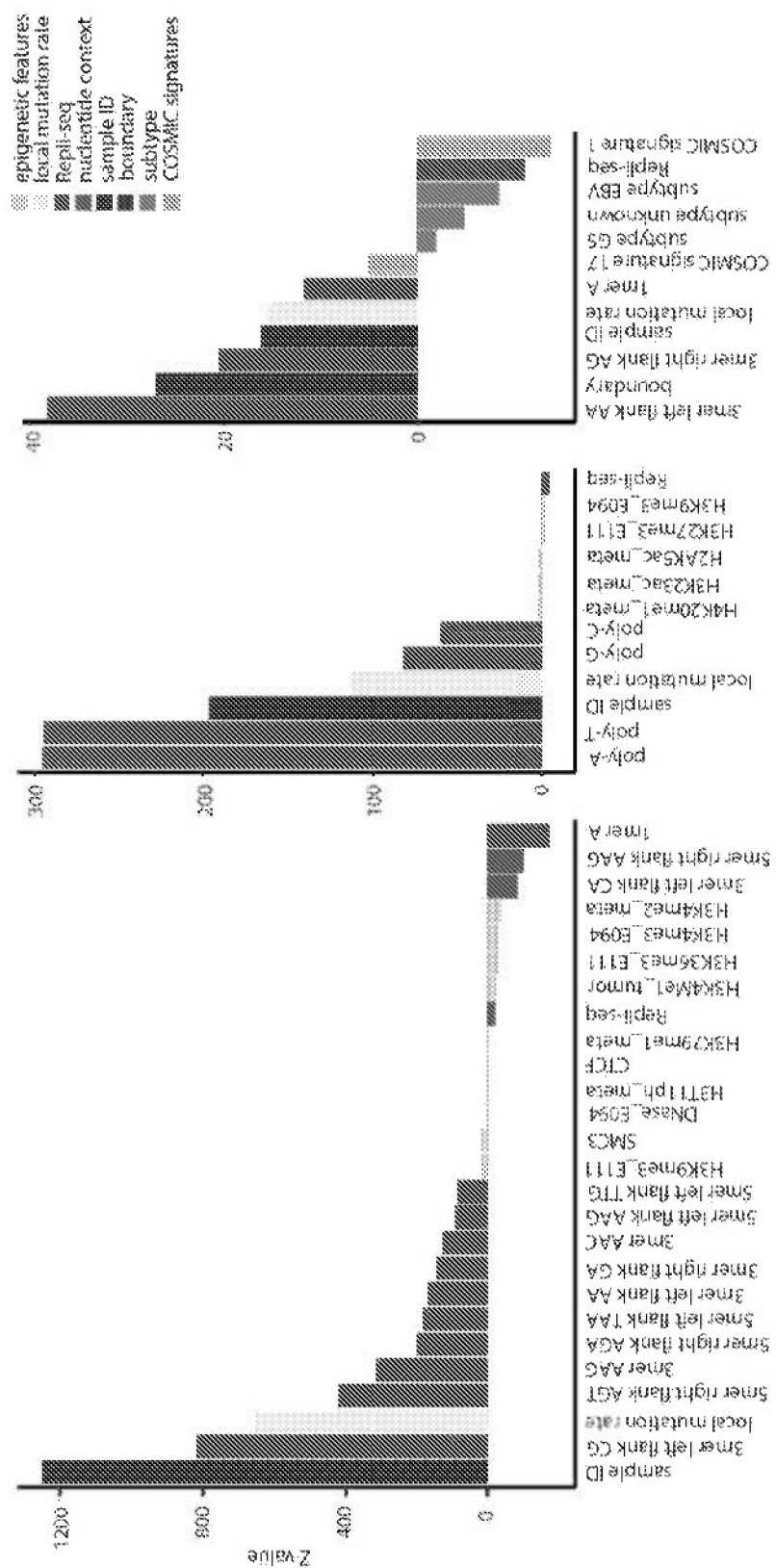


FIG. 9C

FIG. 9B

FIG. 9A

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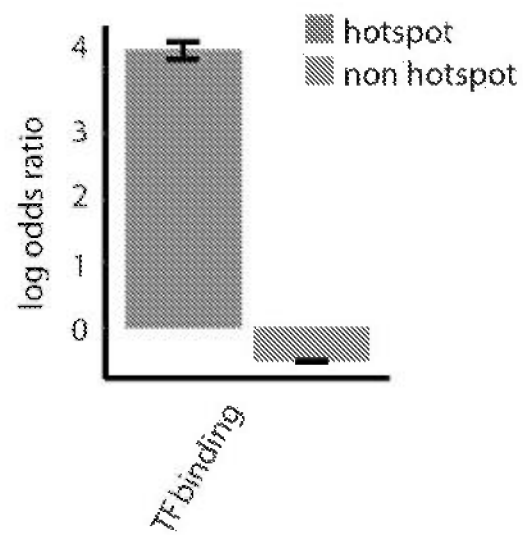


FIG. 10

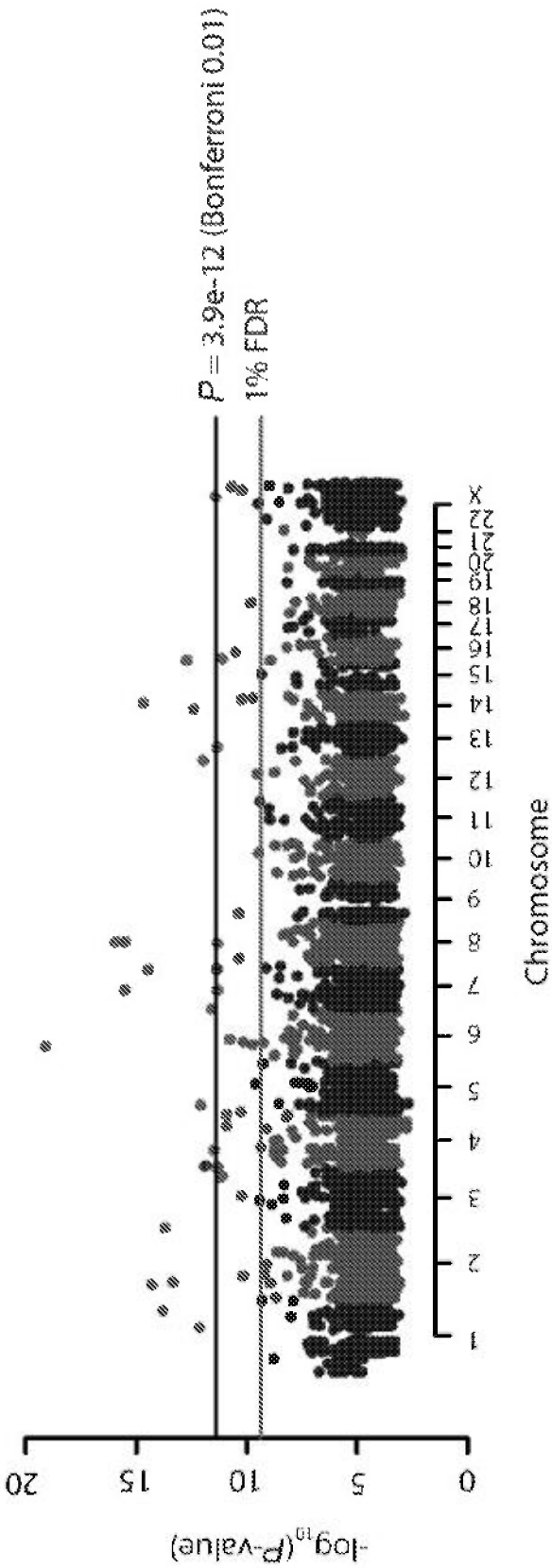


FIG. 11

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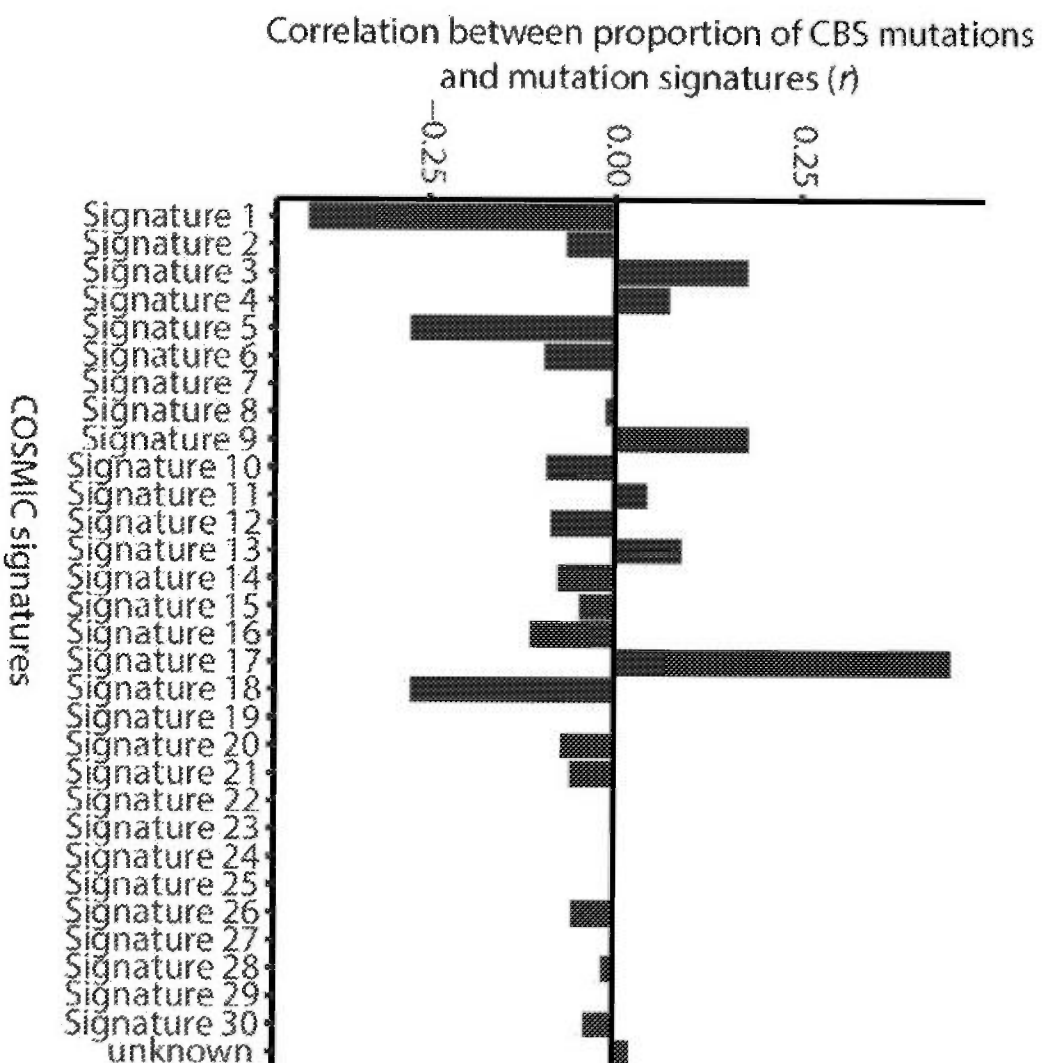


FIG. 12

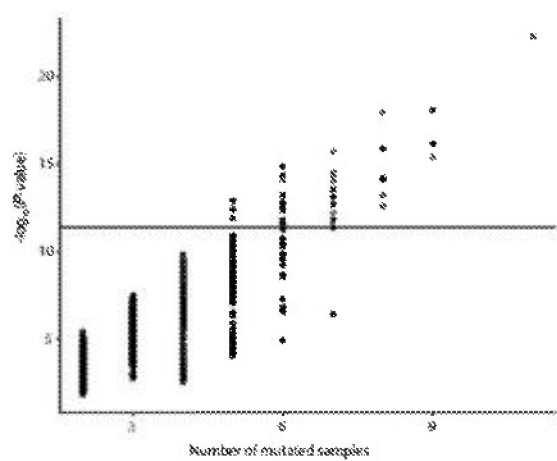


FIG. 13A

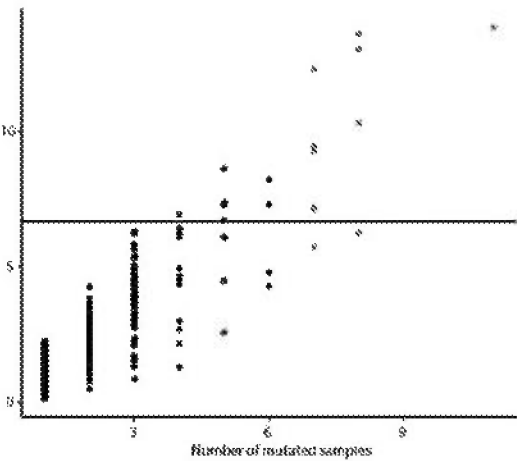


FIG. 13B

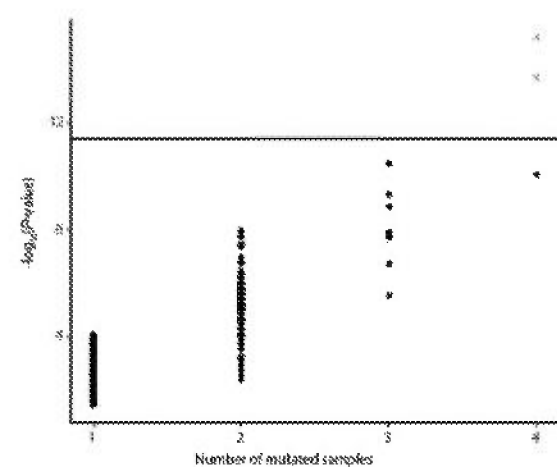


FIG. 13C

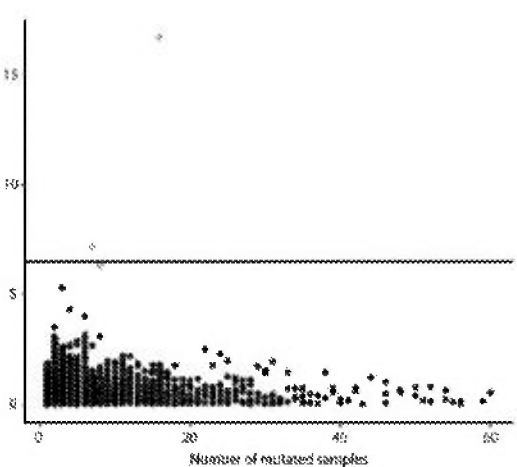


FIG. 13D

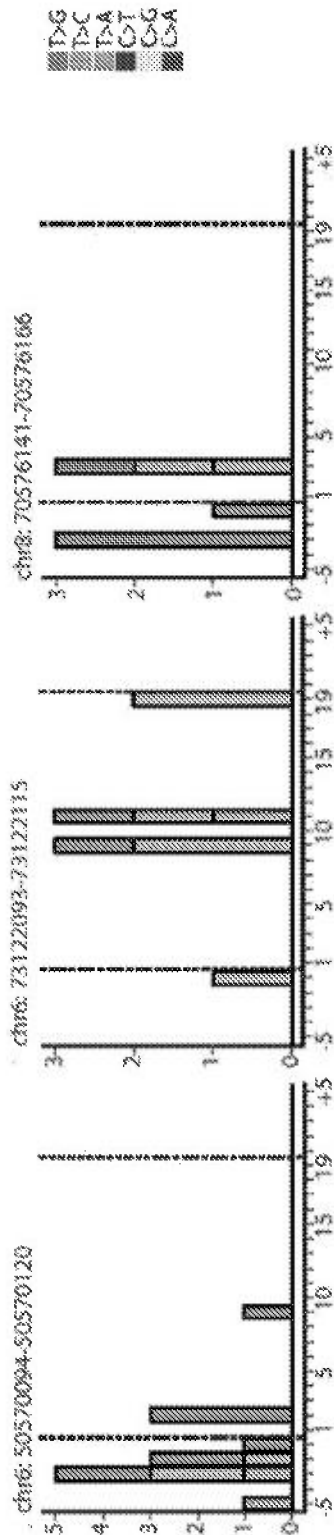


FIG. 14A

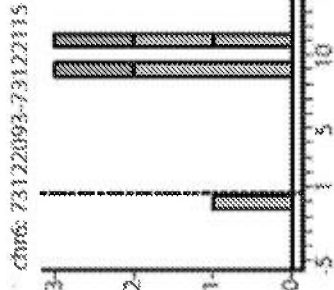


FIG. 14B

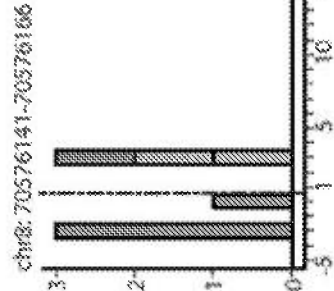


FIG. 14C

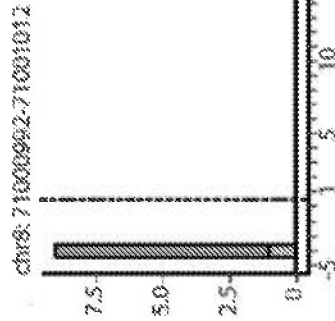


FIG. 14D

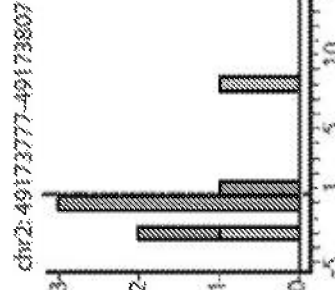


FIG. 14E

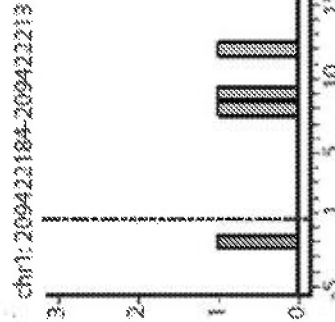


FIG. 14F

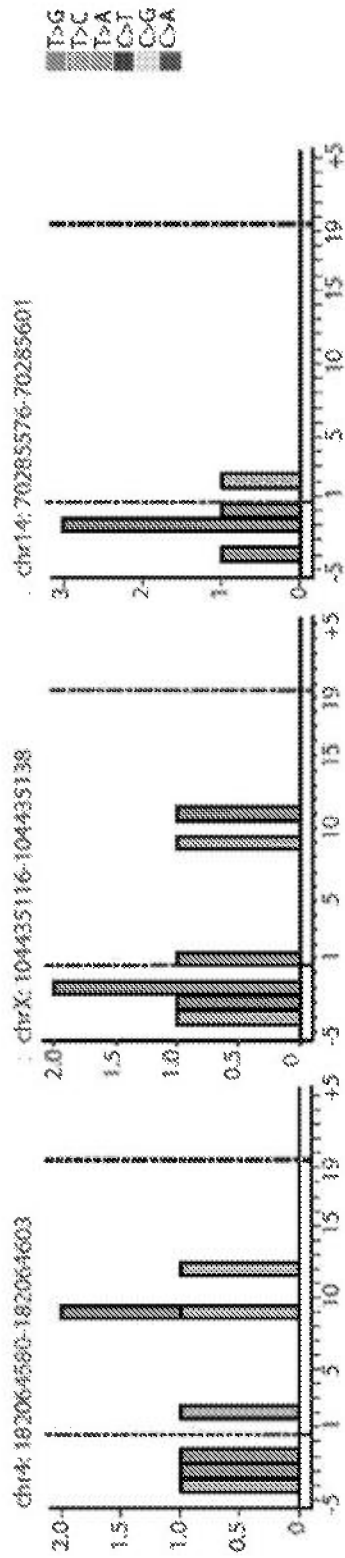


FIG. 14I

FIG. 14H

FIG. 14G

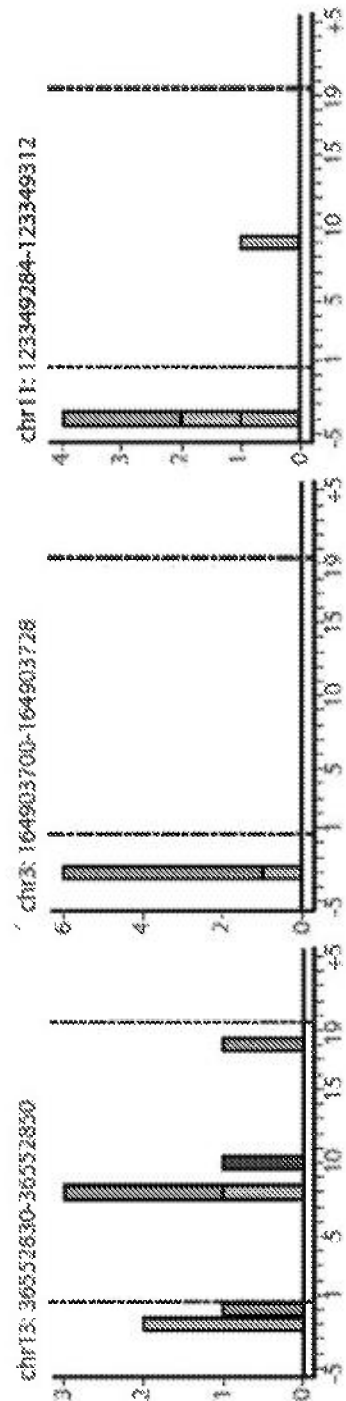


FIG. 14L

FIG. 14K

FIG. 14J

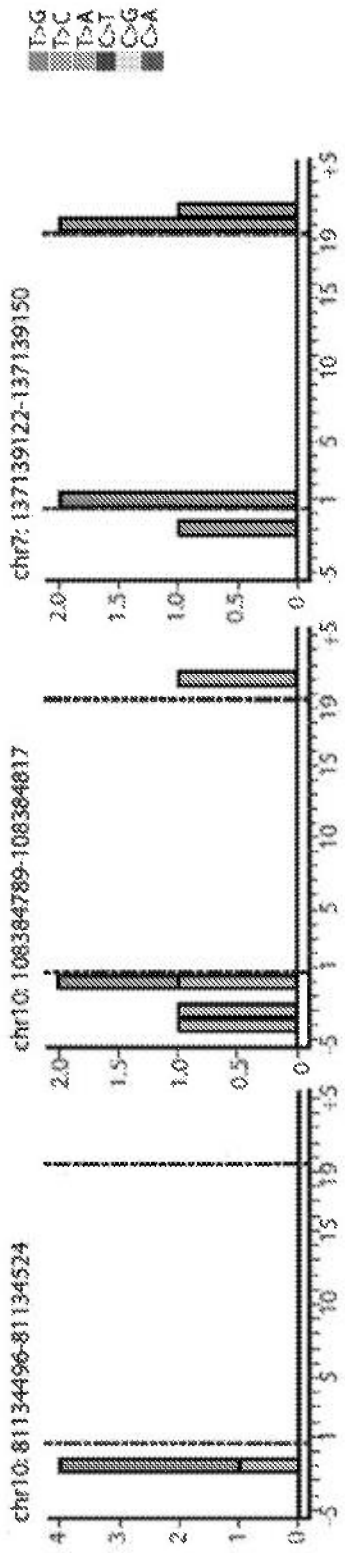


FIG. 14M

FIG. 14N

FIG. 14O

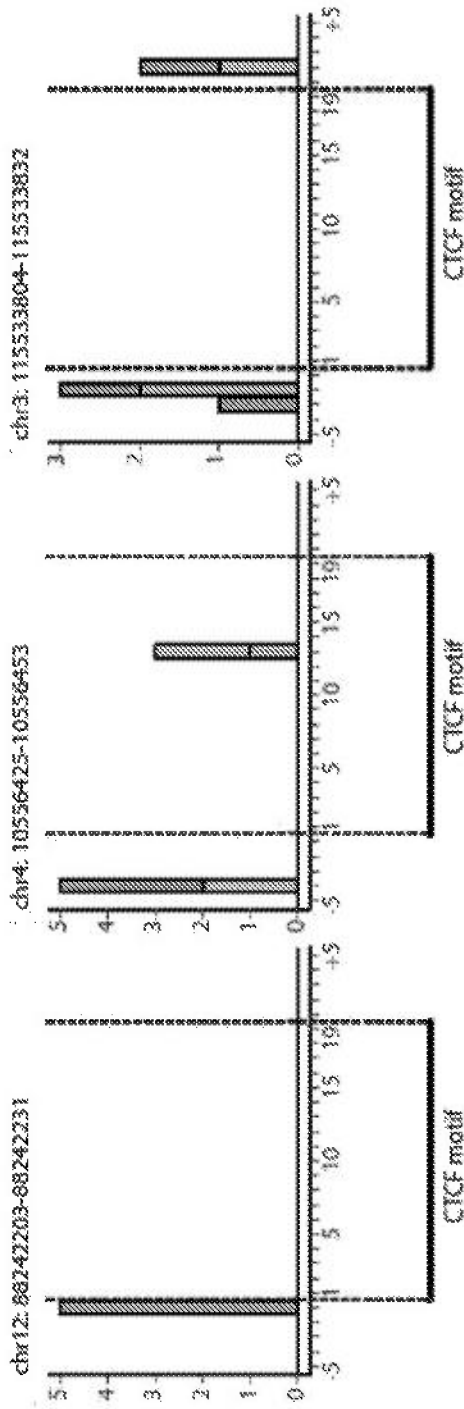


FIG. 14P

FIG. 14Q

FIG. 14R

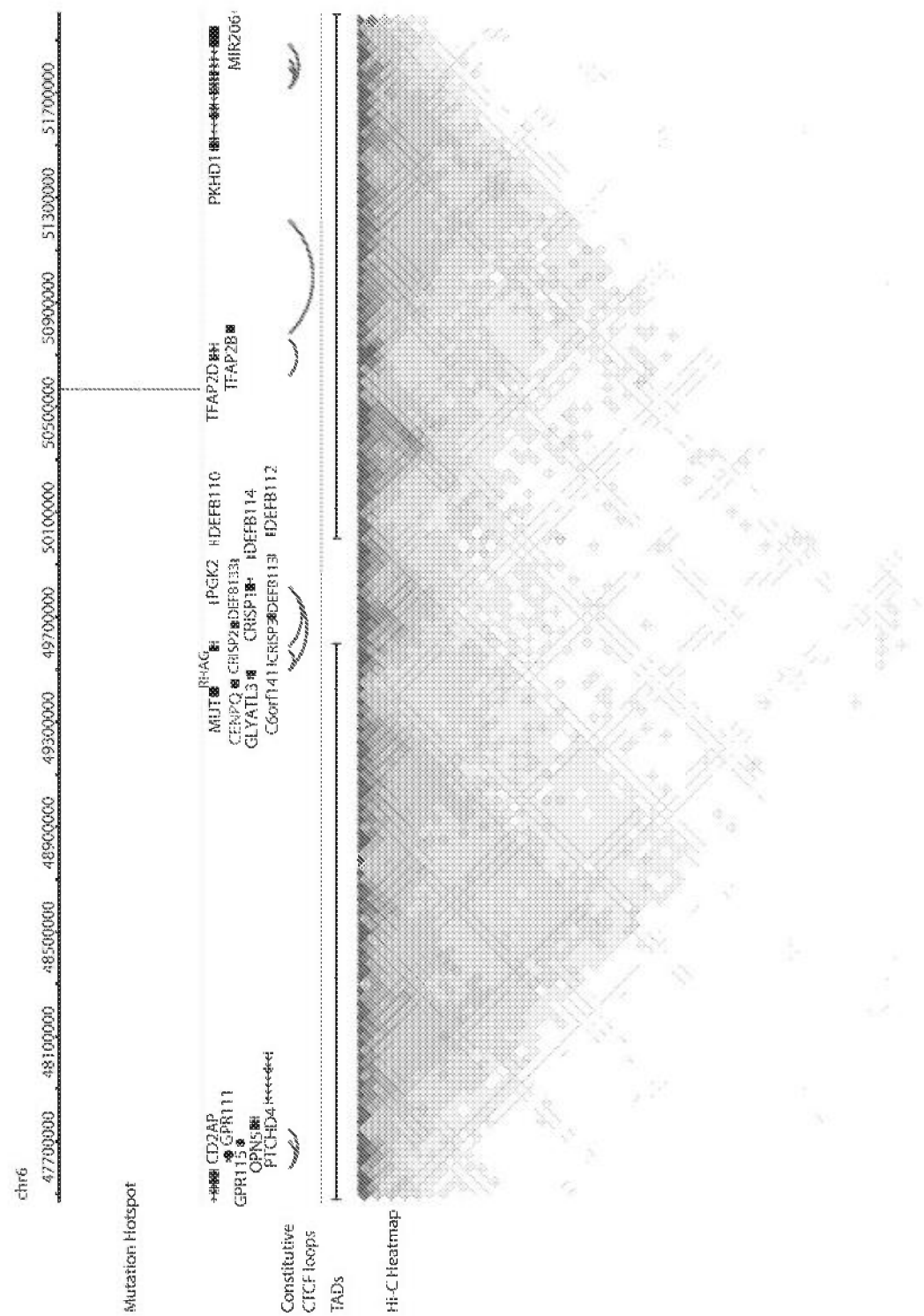


FIG. 15

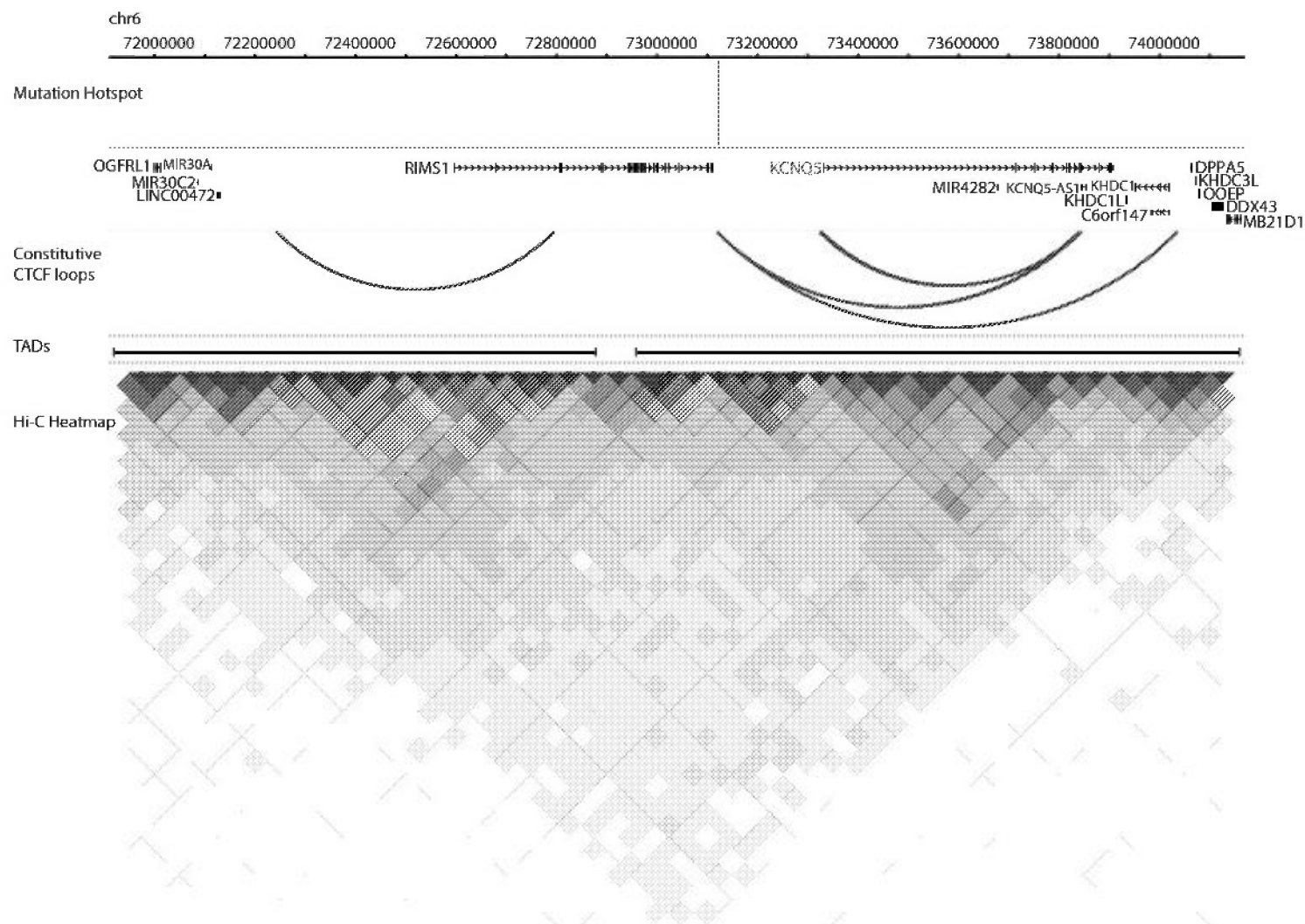


FIG. 16

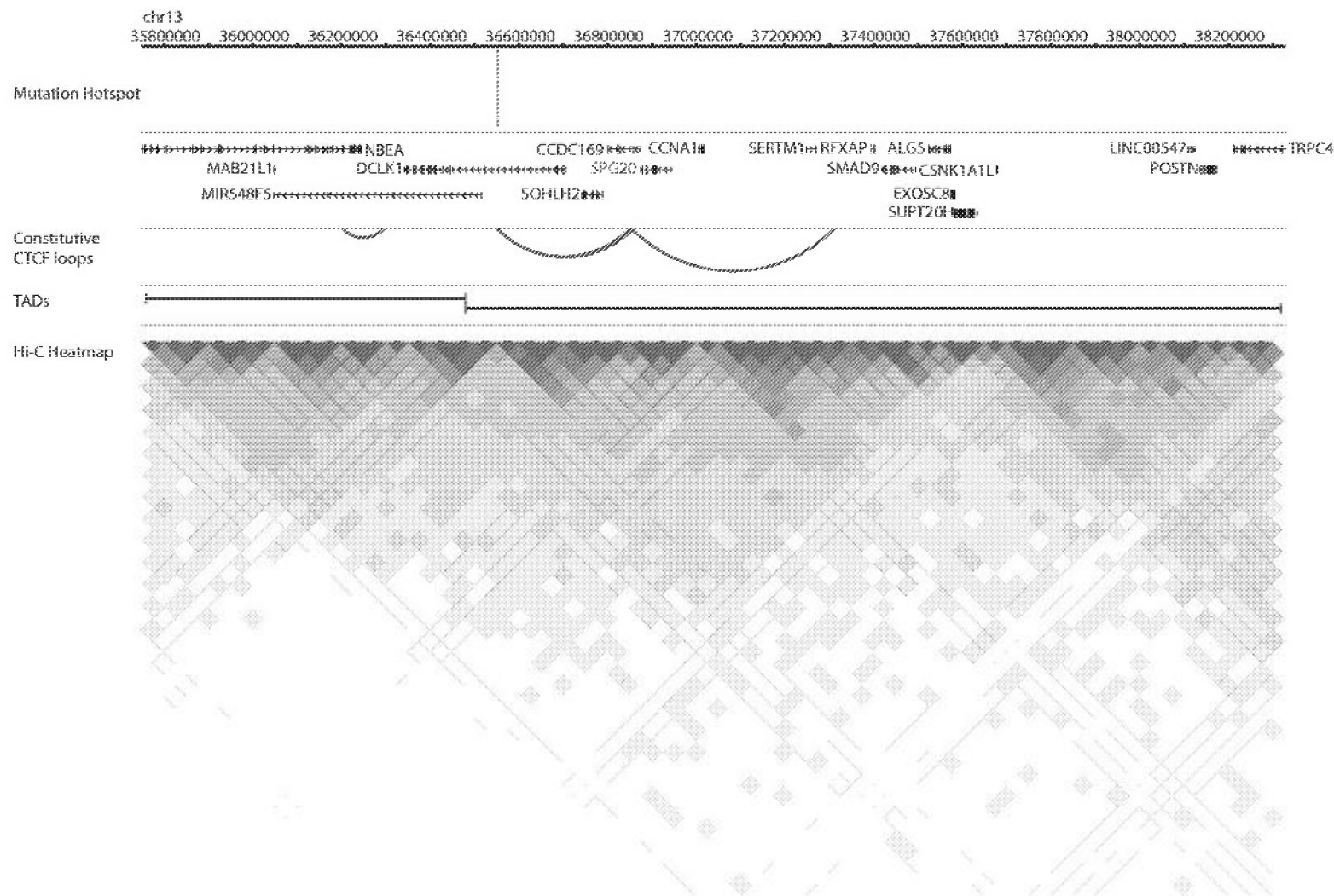


FIG. 17

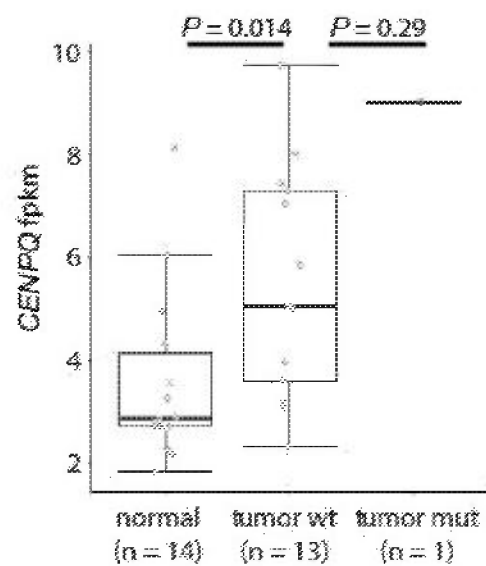


FIG. 18A

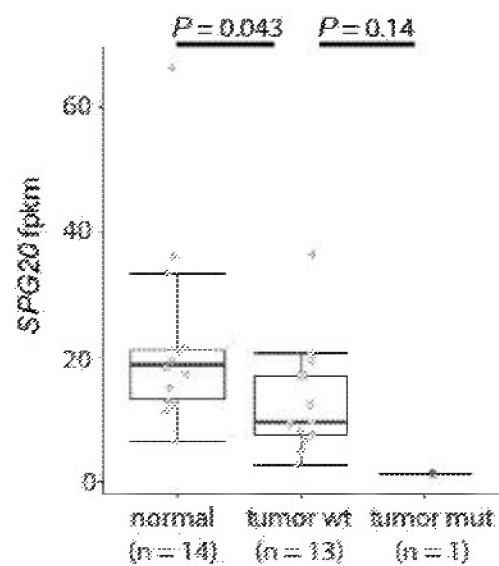


FIG. 18B

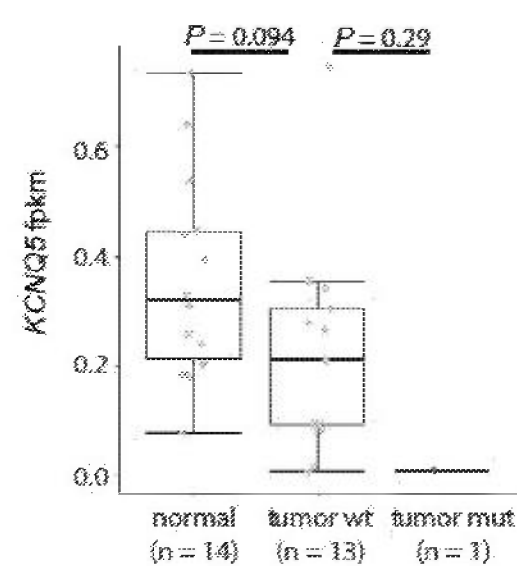


FIG. 18C

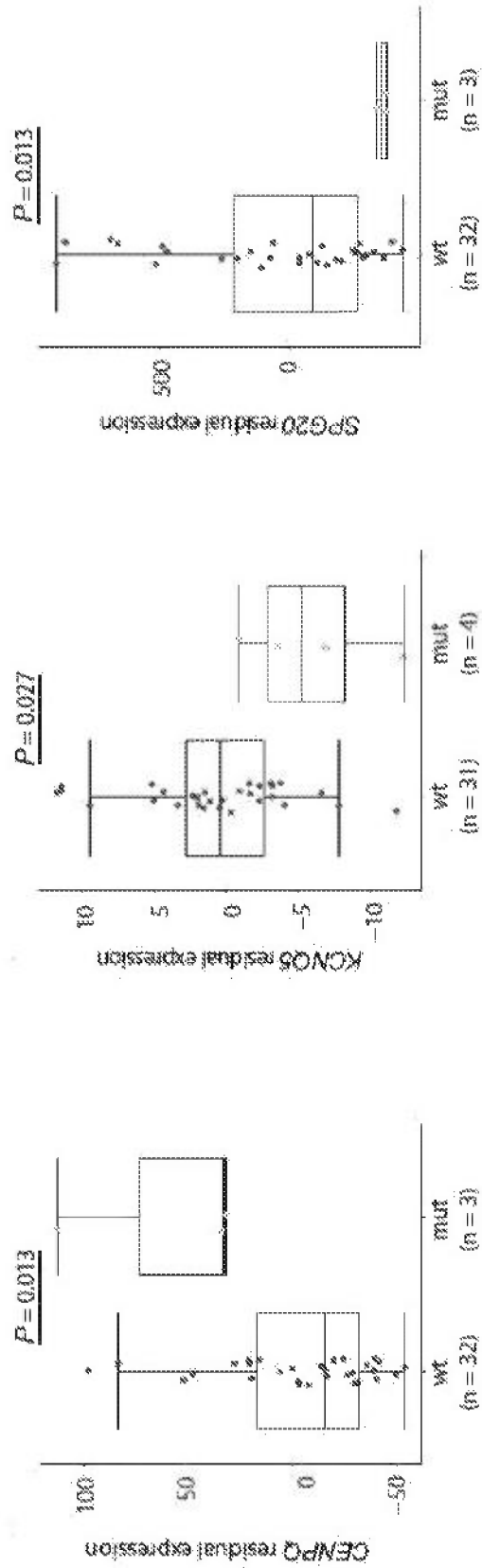


FIG. 19C

FIG. 19B

FIG. 19A

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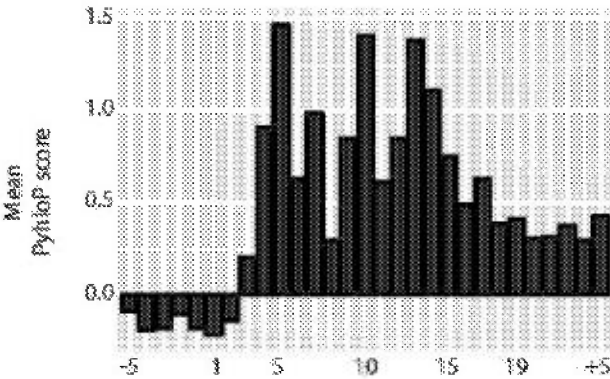


FIG. 20A

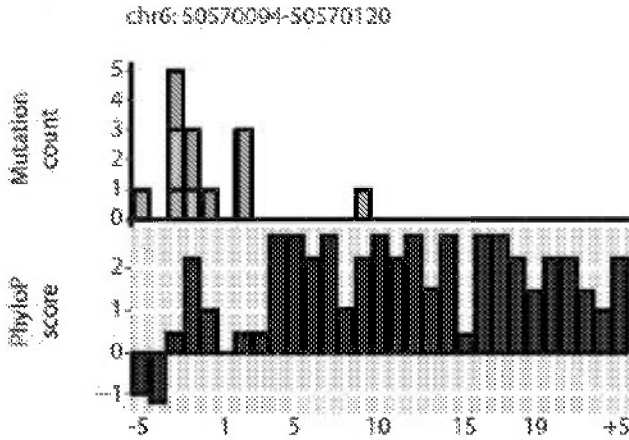


FIG. 20B

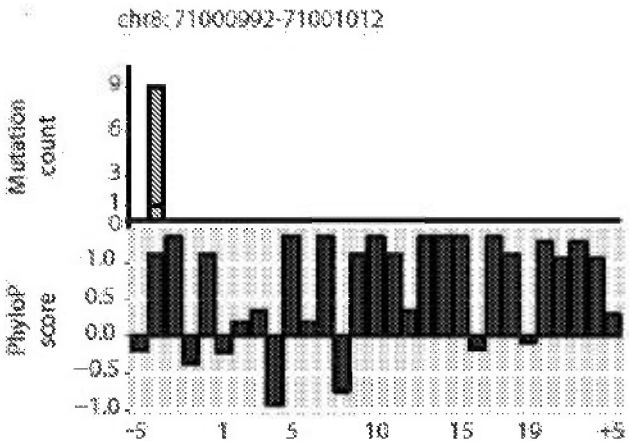


FIG. 20C

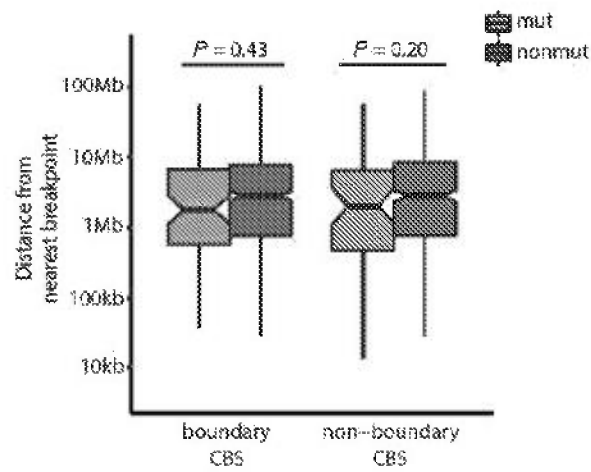


FIG. 21

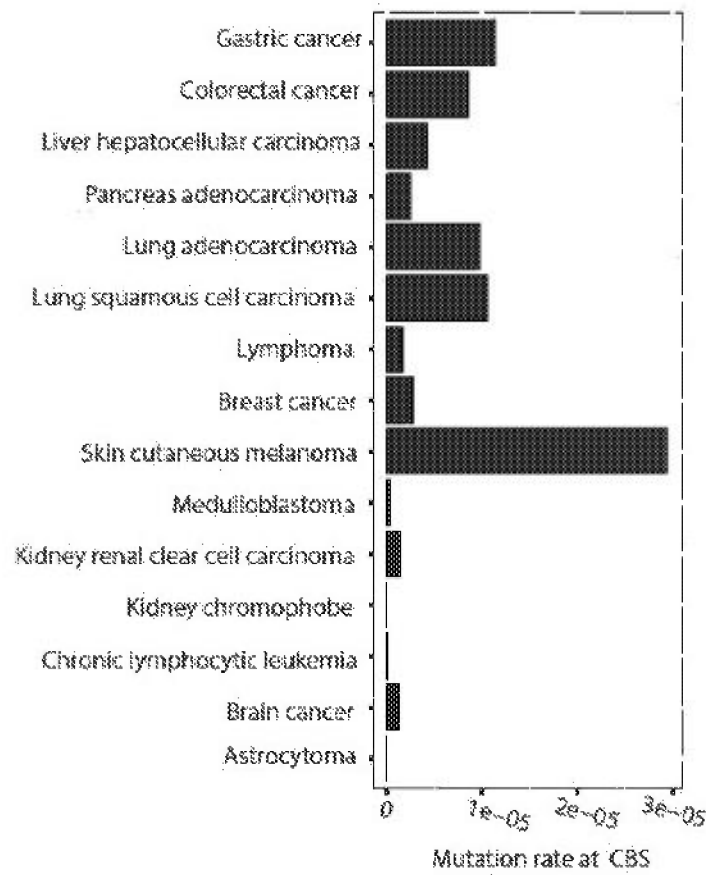


FIG. 22

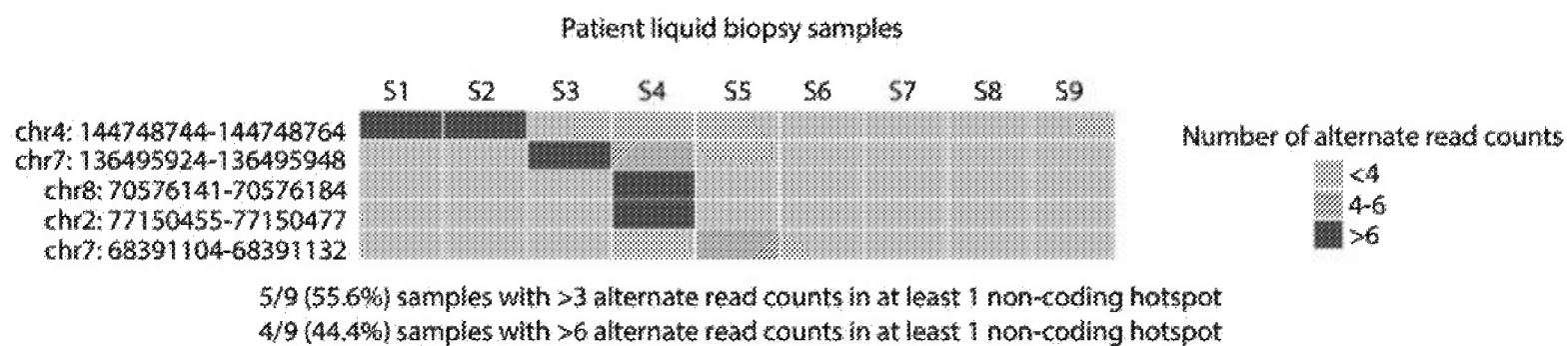


FIG. 23