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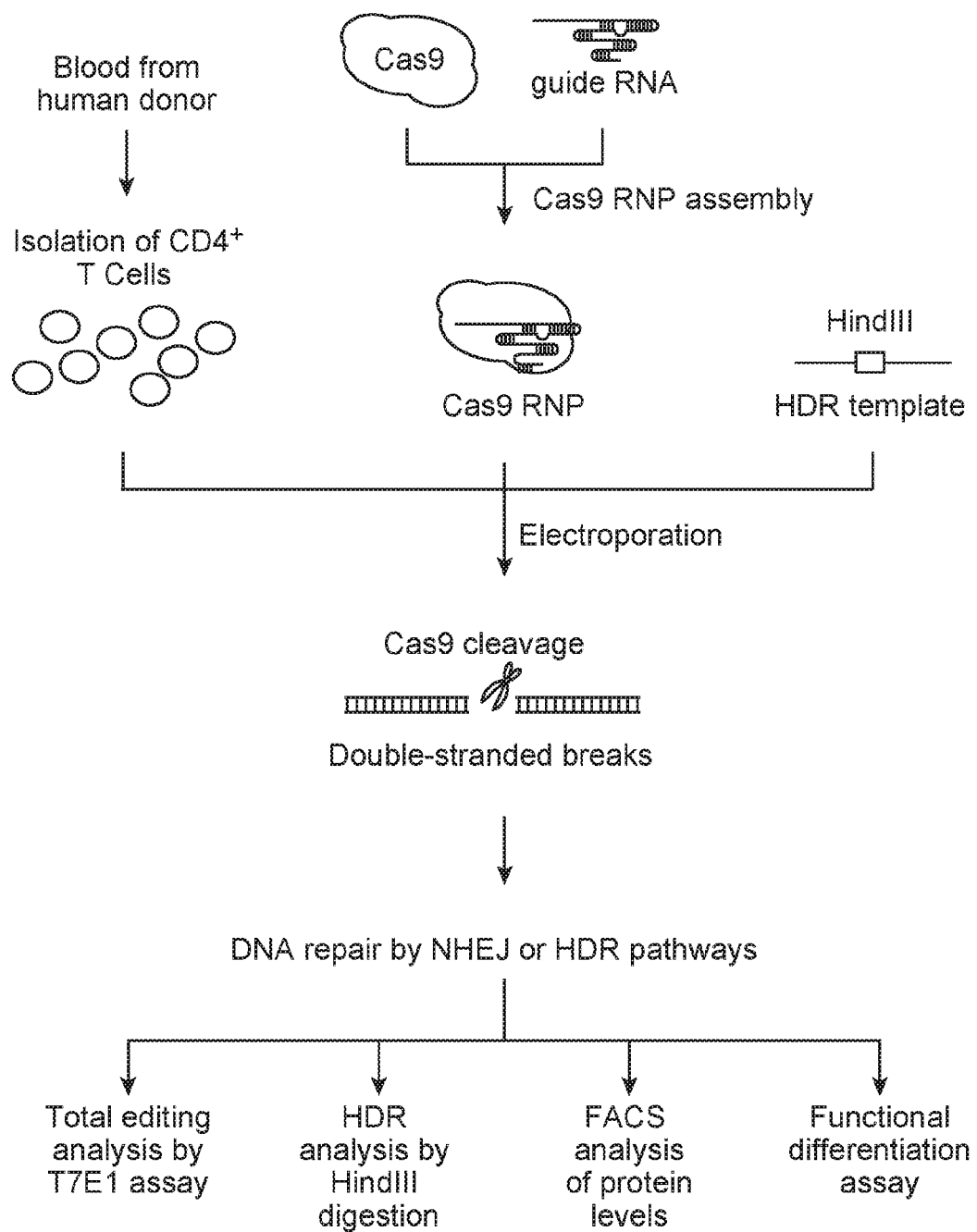


FIG. 1A

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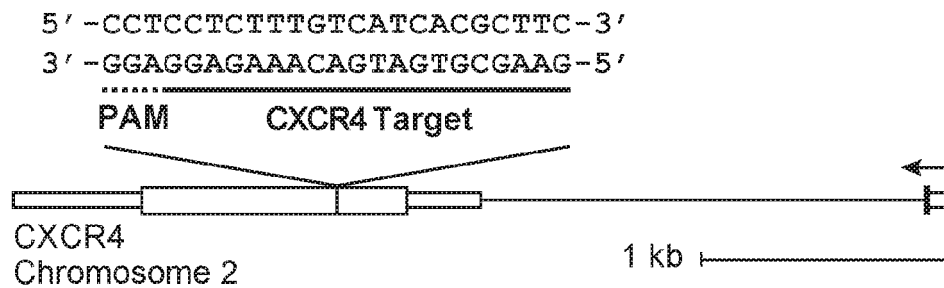


FIG. 1B

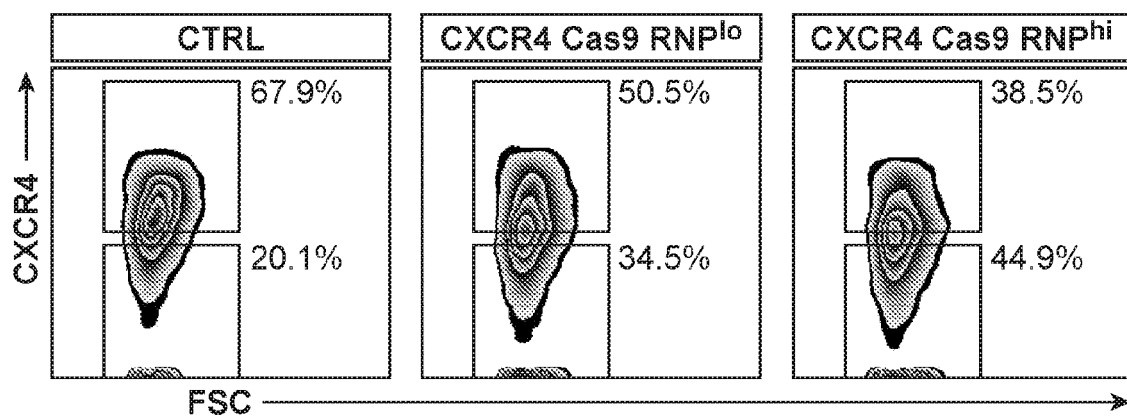


FIG. 1C

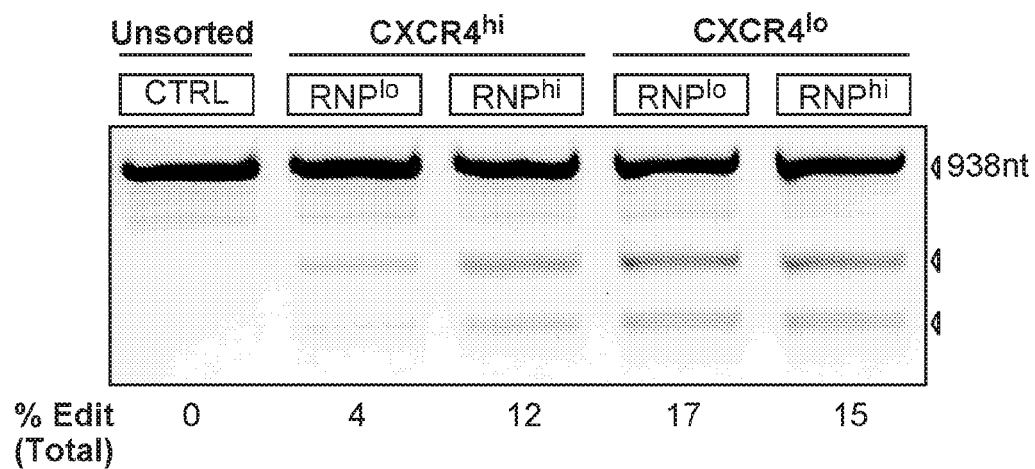


FIG. 1D

CXCR4^{lo}

REF	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA
	GTTTGGCCACGGCATCAACTGCCCCAGAAAGGGAAGCGTGATGACAAAGAGGAGGTCGGCCACTGACAGGTGCAGCCCTGTA

CTRL

FIG. 1E (Cont.)

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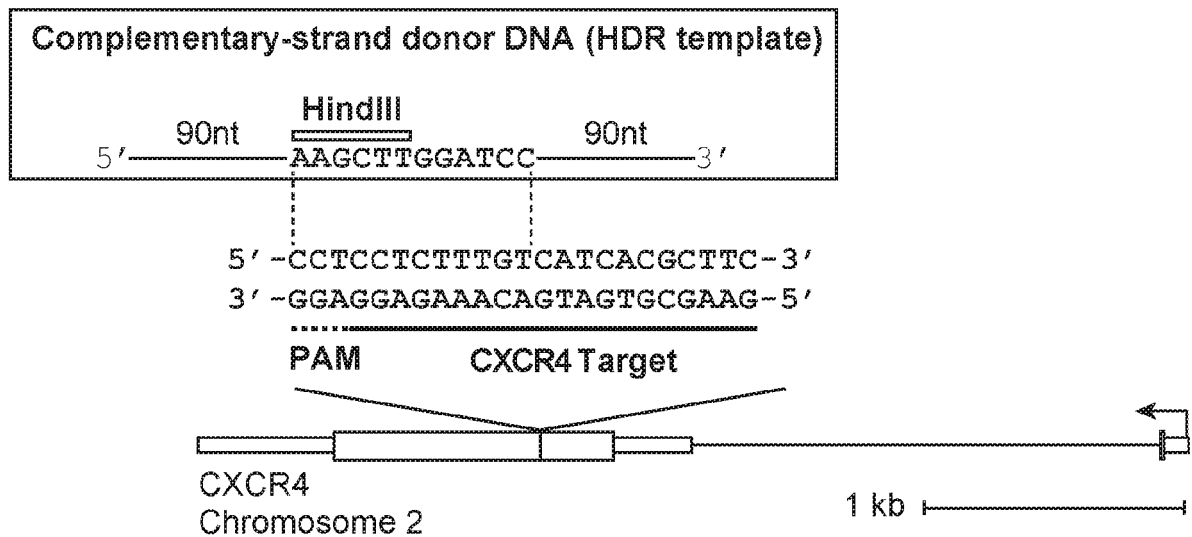


FIG. 2A

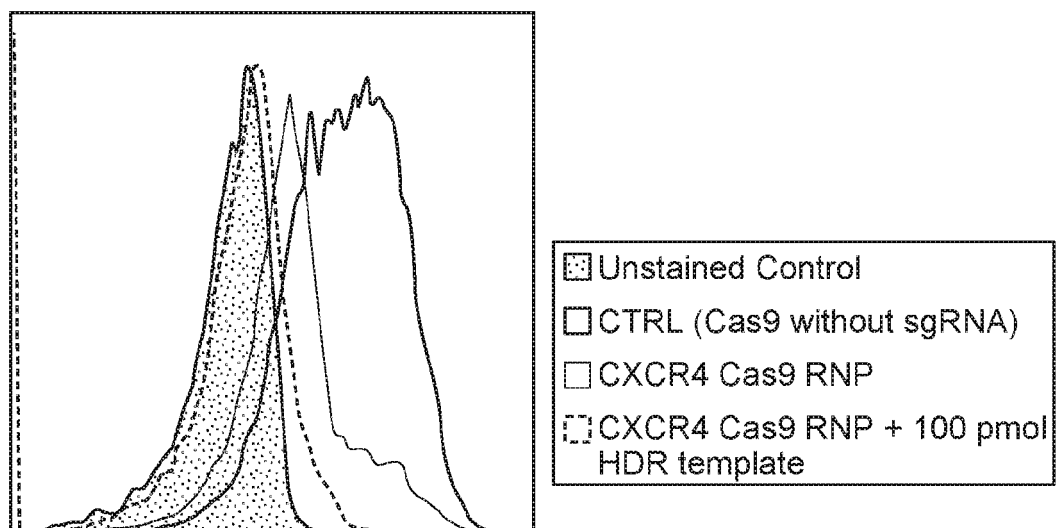


FIG. 2B

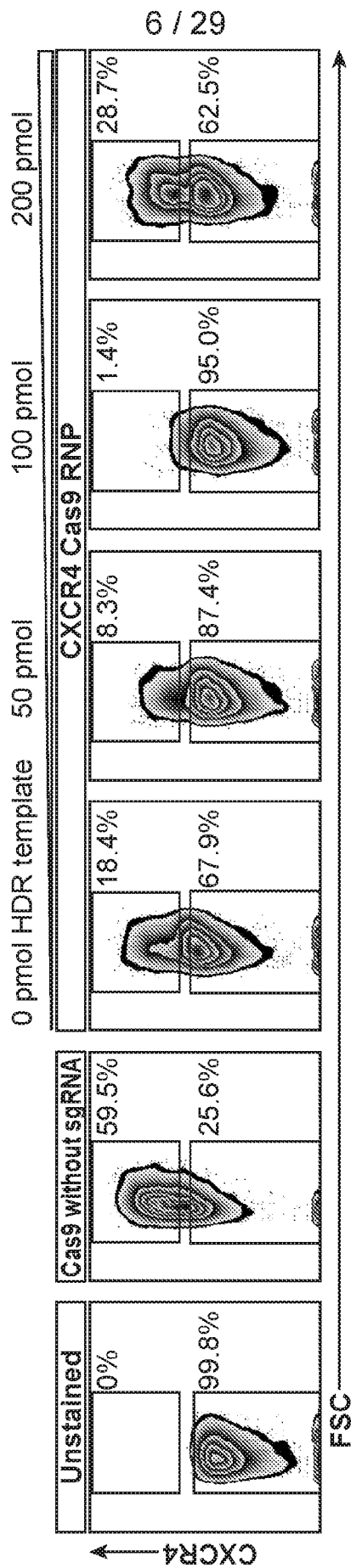
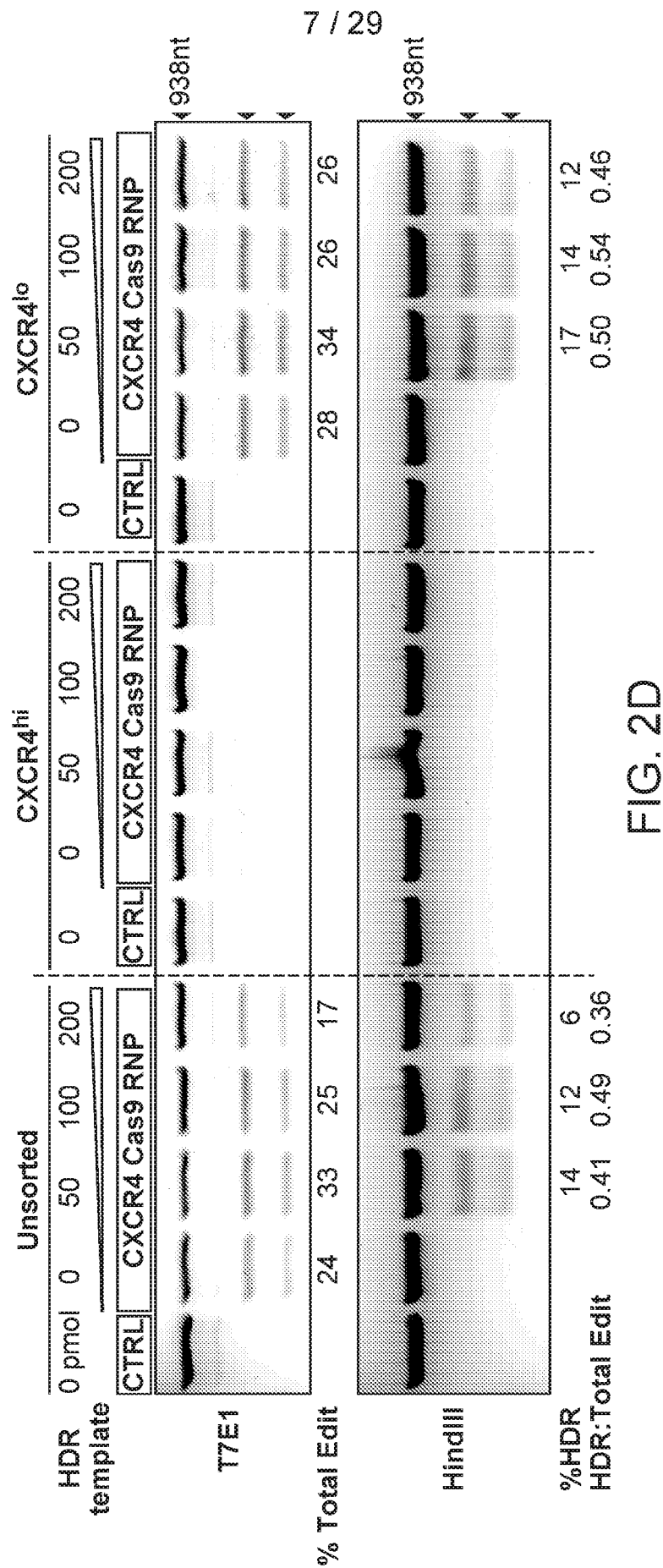


FIG. 2C



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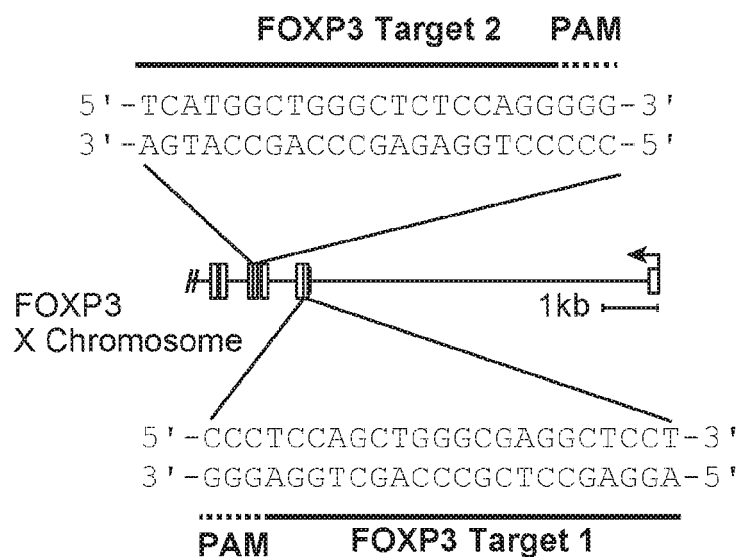


FIG. 3A

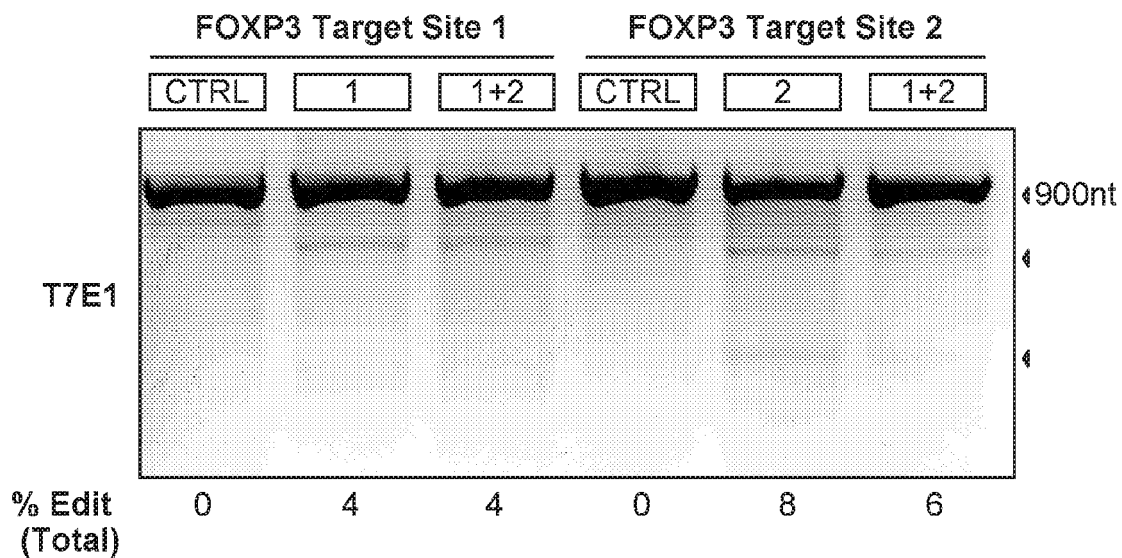


FIG. 3B

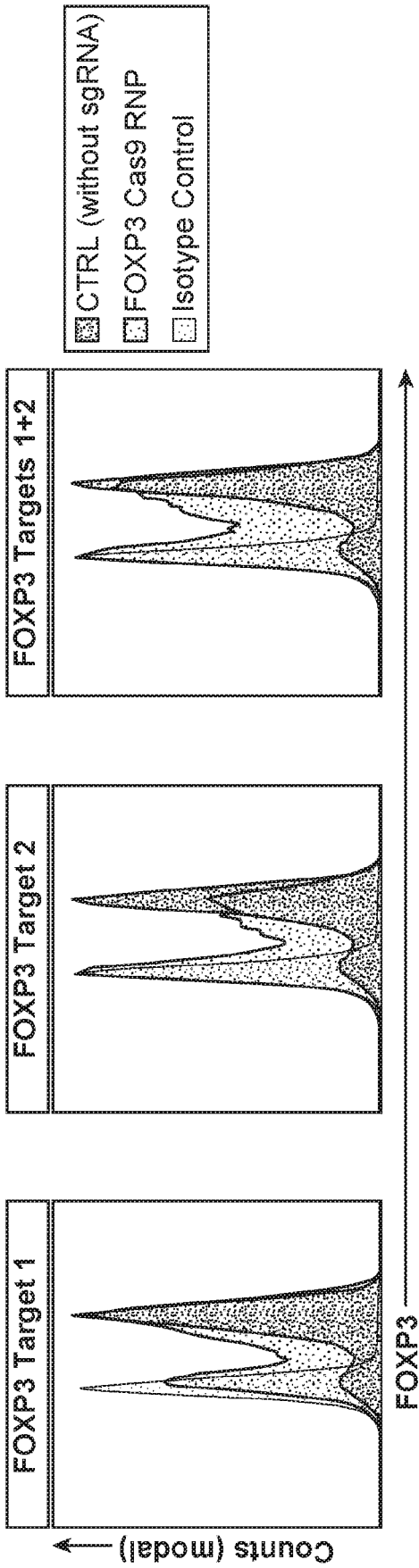


FIG. 3C

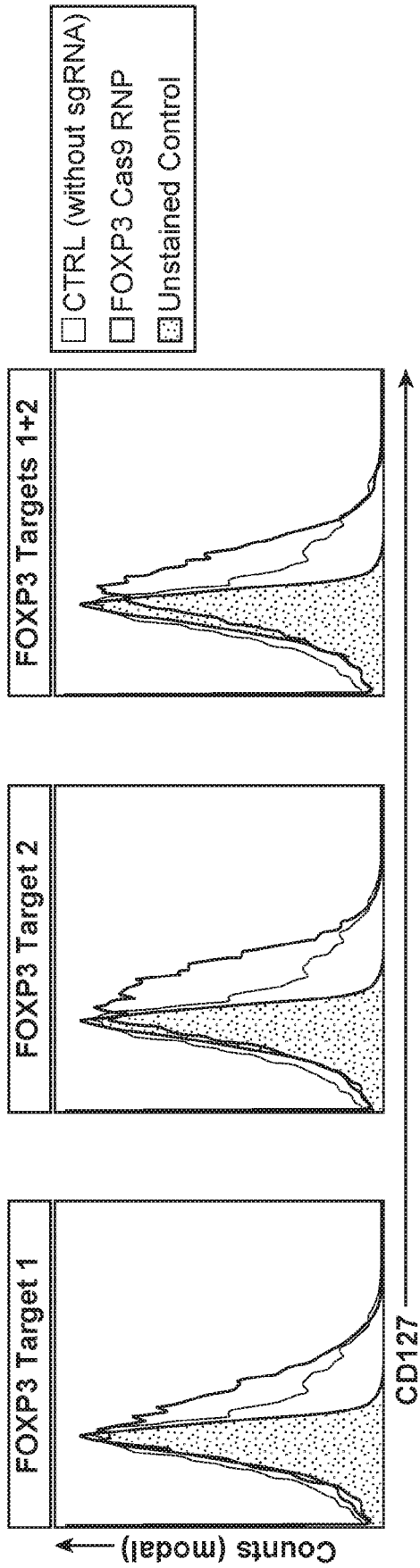


FIG. 3D

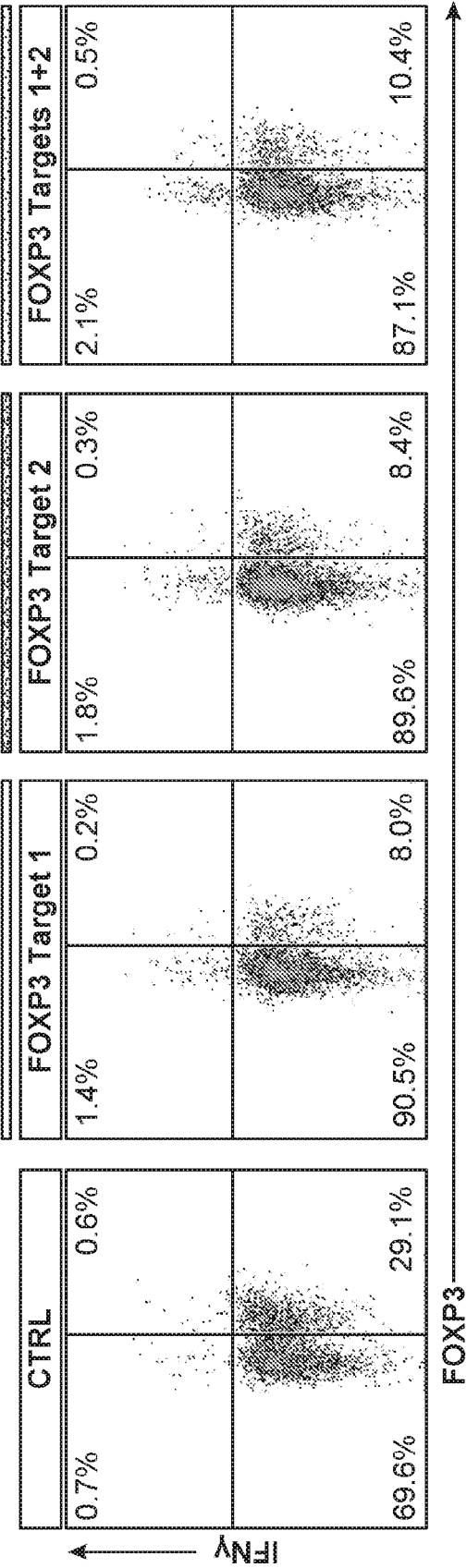


FIG. 4A

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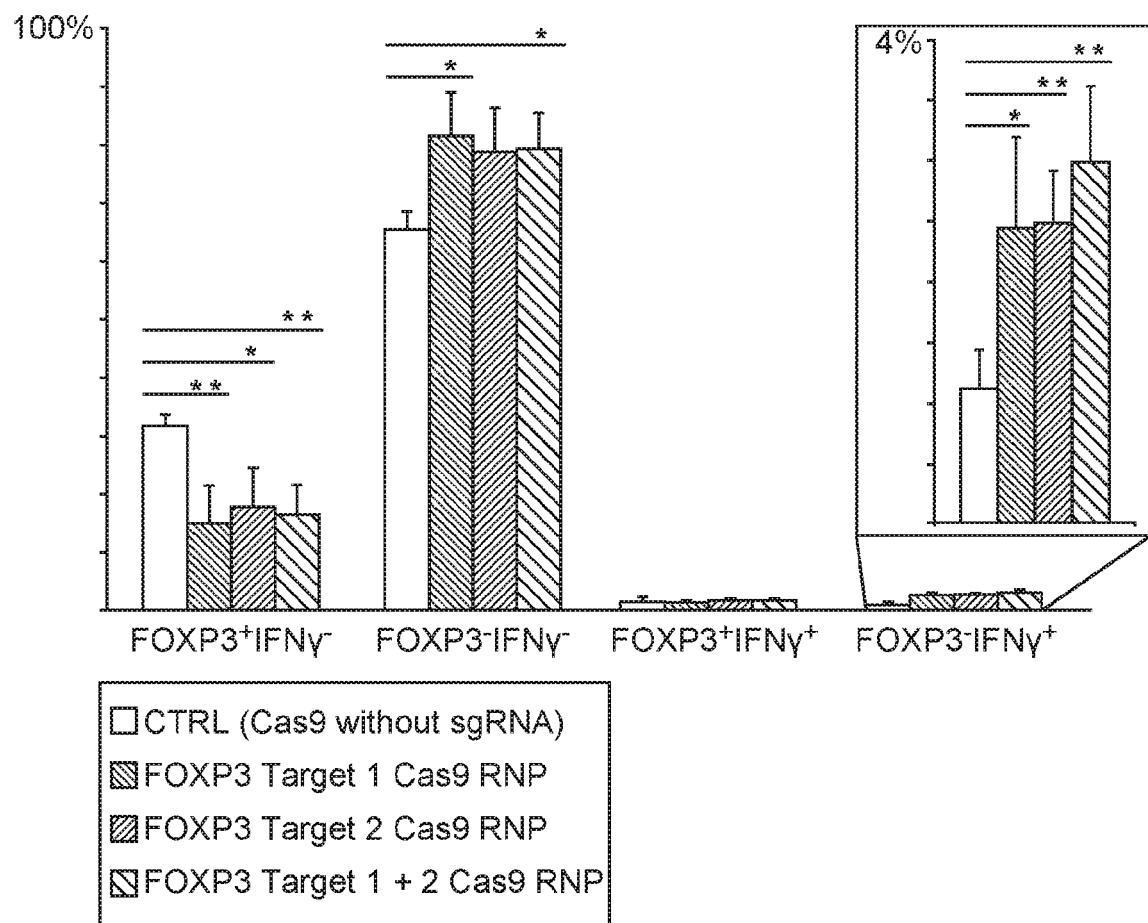


FIG. 4B

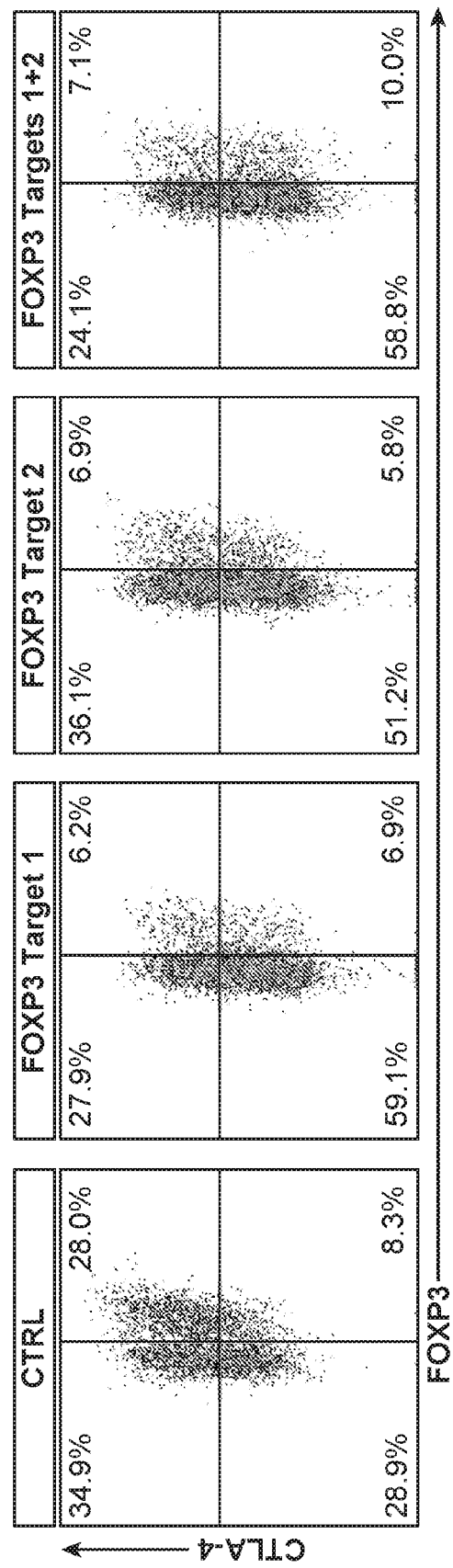


FIG. 4C

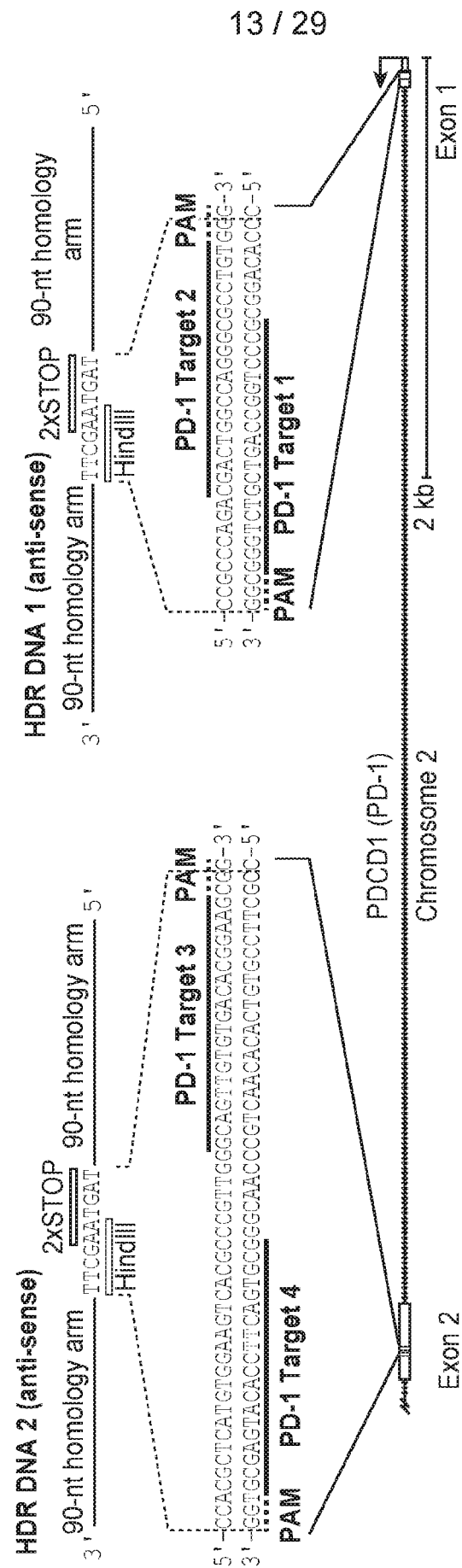


FIG. 5A

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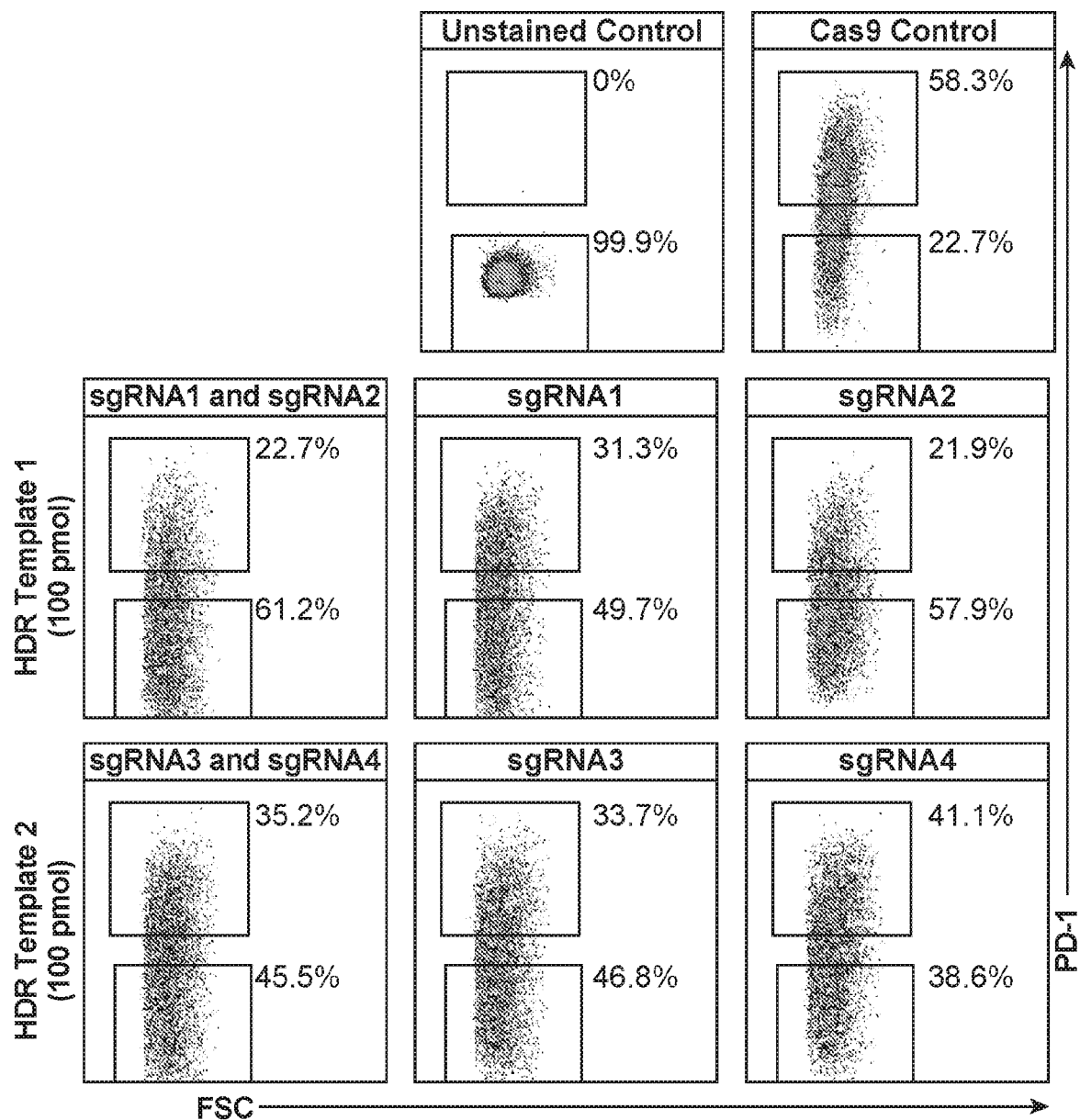


FIG. 5B

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SQZ_Dextran
Teff- SQZ with Cas9 or RNP3-2 +
dextran 3k PB + dextran 500k FITC;
double positive cells sorted

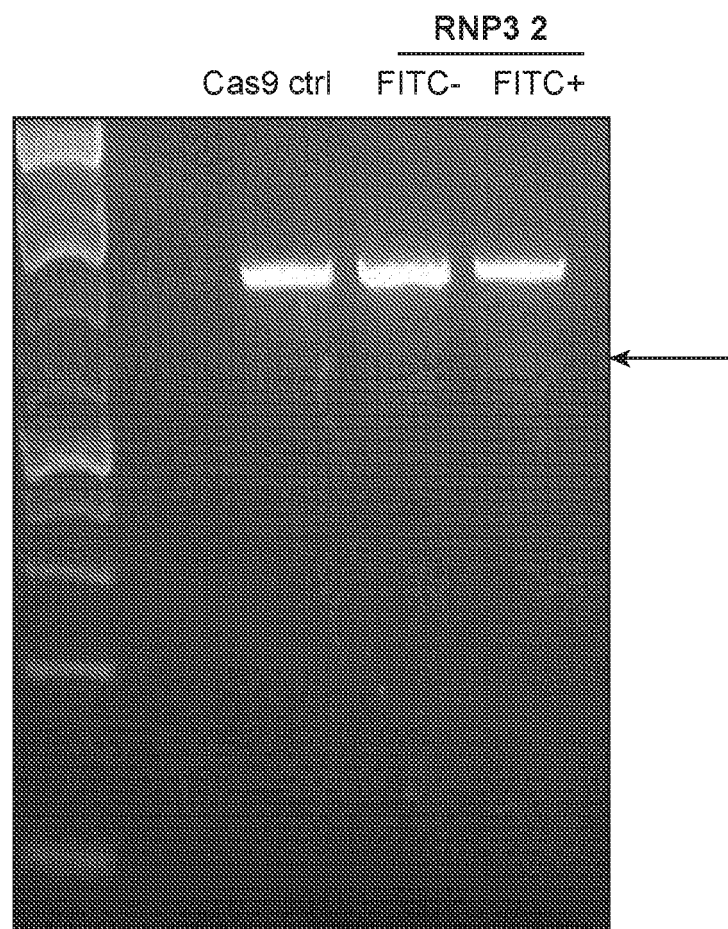


FIG. 6

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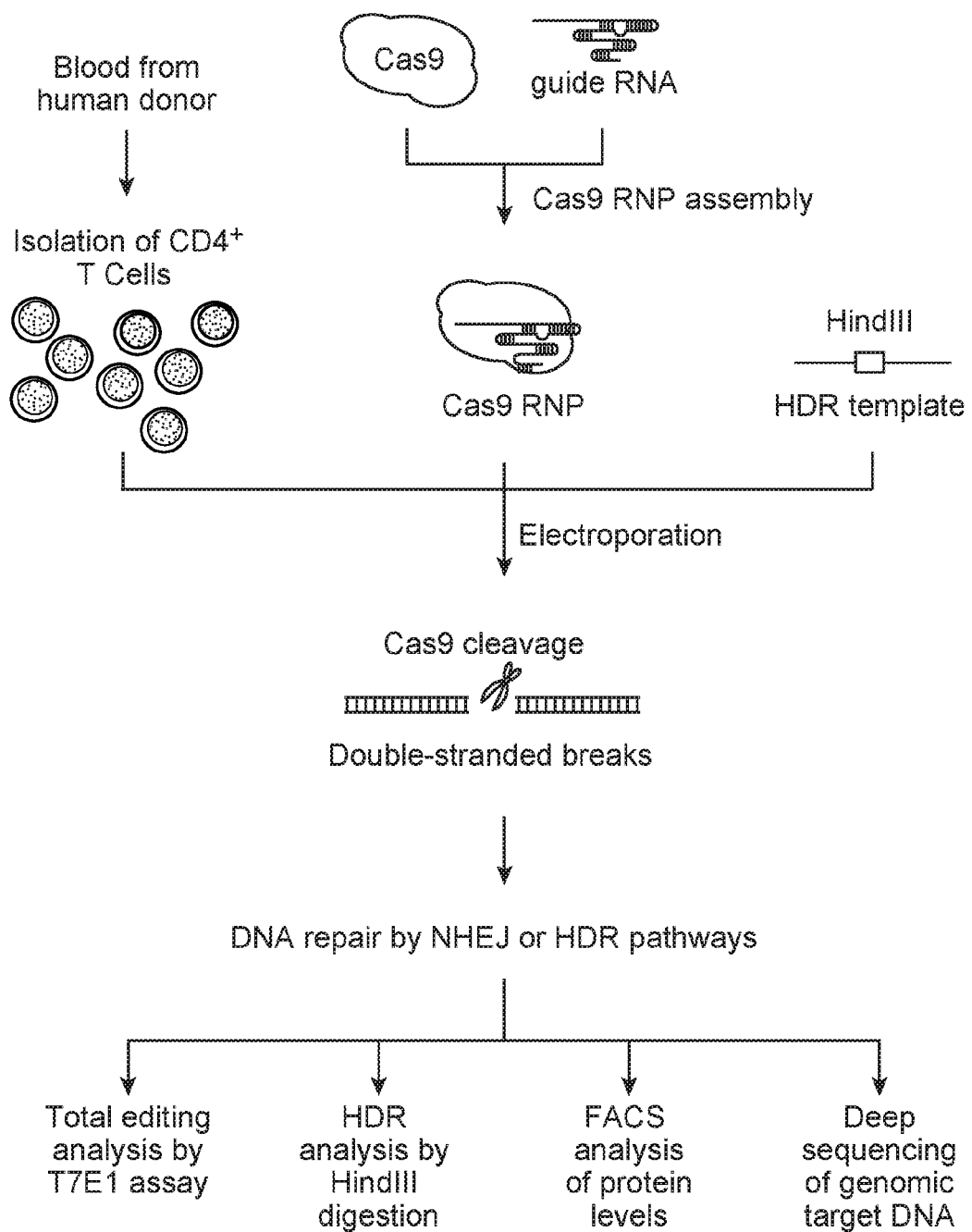


FIG. 7A

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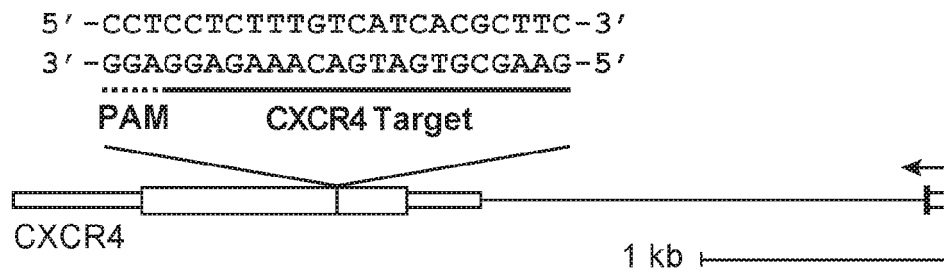


FIG. 7B

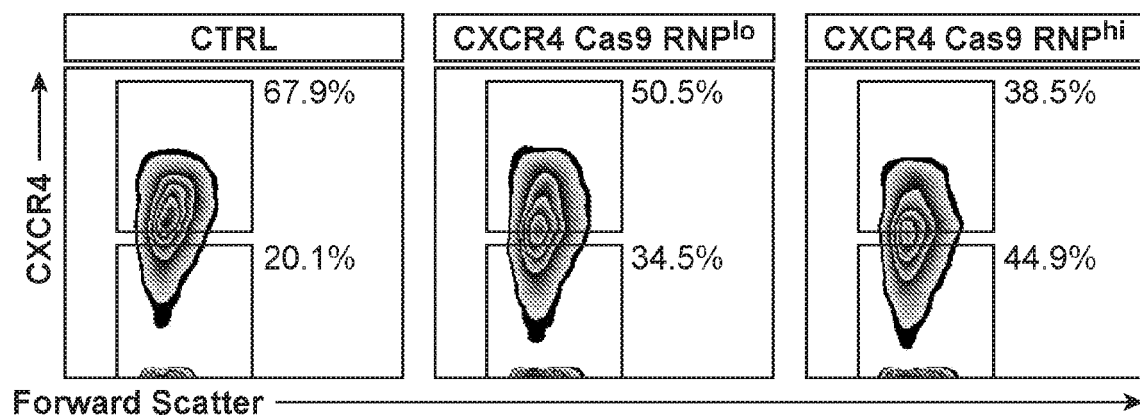


FIG. 7C

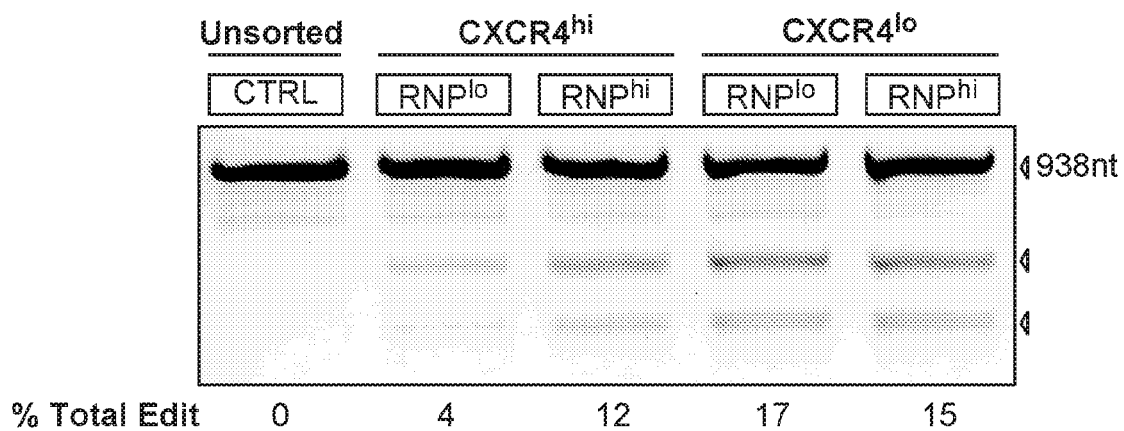


FIG. 7D

CXCR4^{hi}

Target PAM

CXCPR4 RNP

▼

CXC R4 RNP

168 bp deletion

1

CTRL

SUBSTITUTE SHEET (RULE 26)

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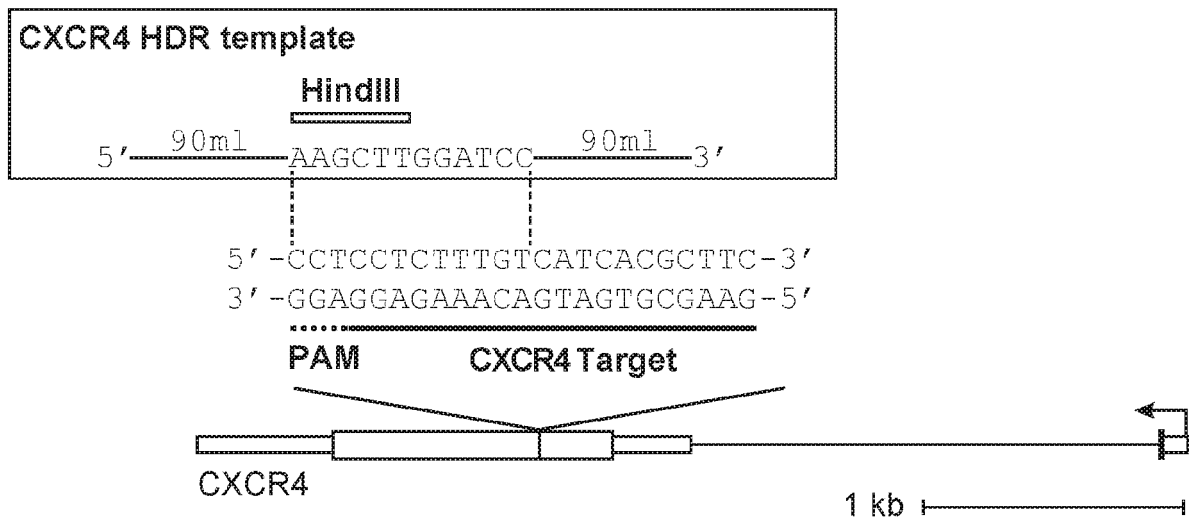


FIG. 8A

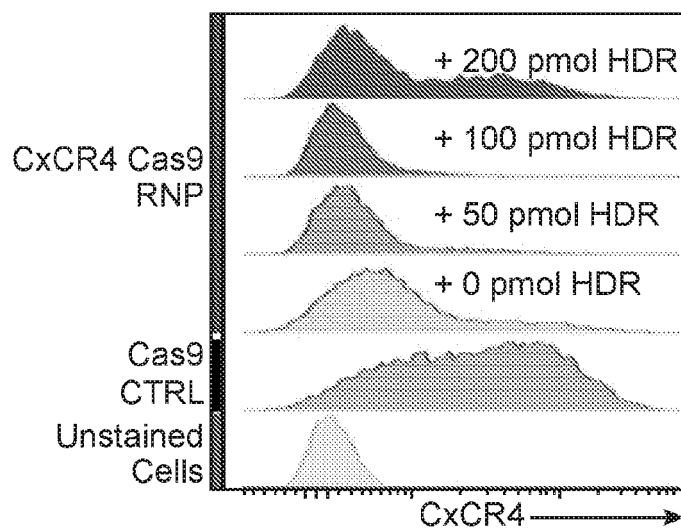


FIG. 8B

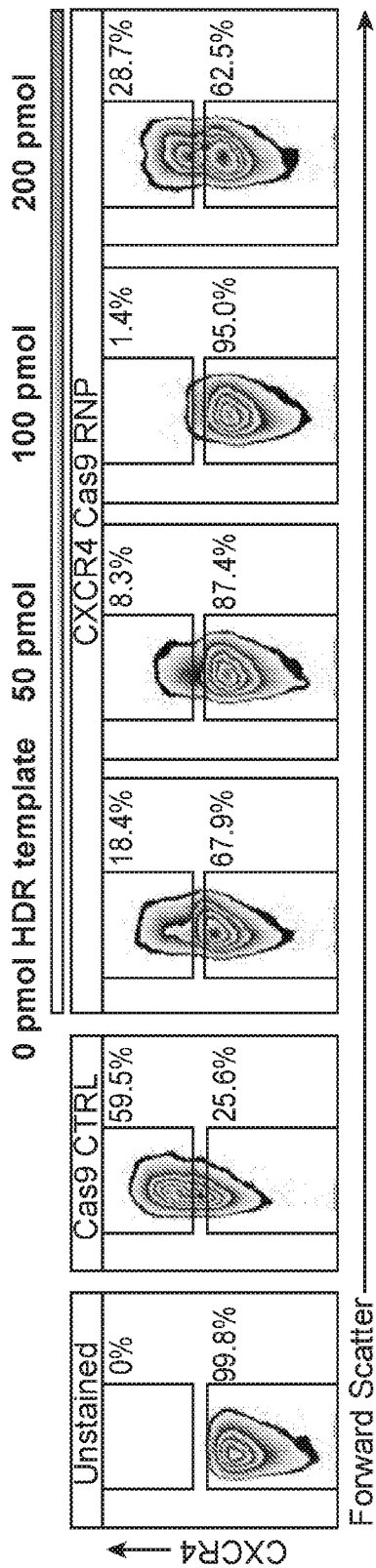


FIG. 8C

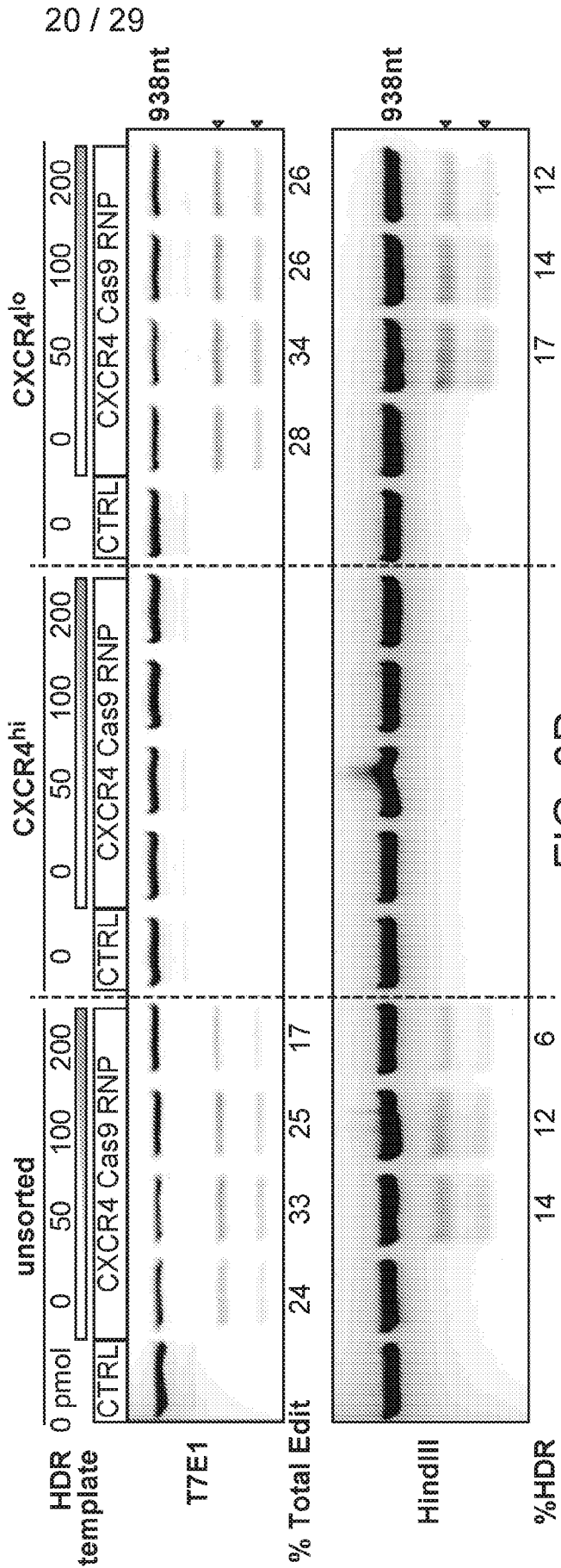


FIG. 8D

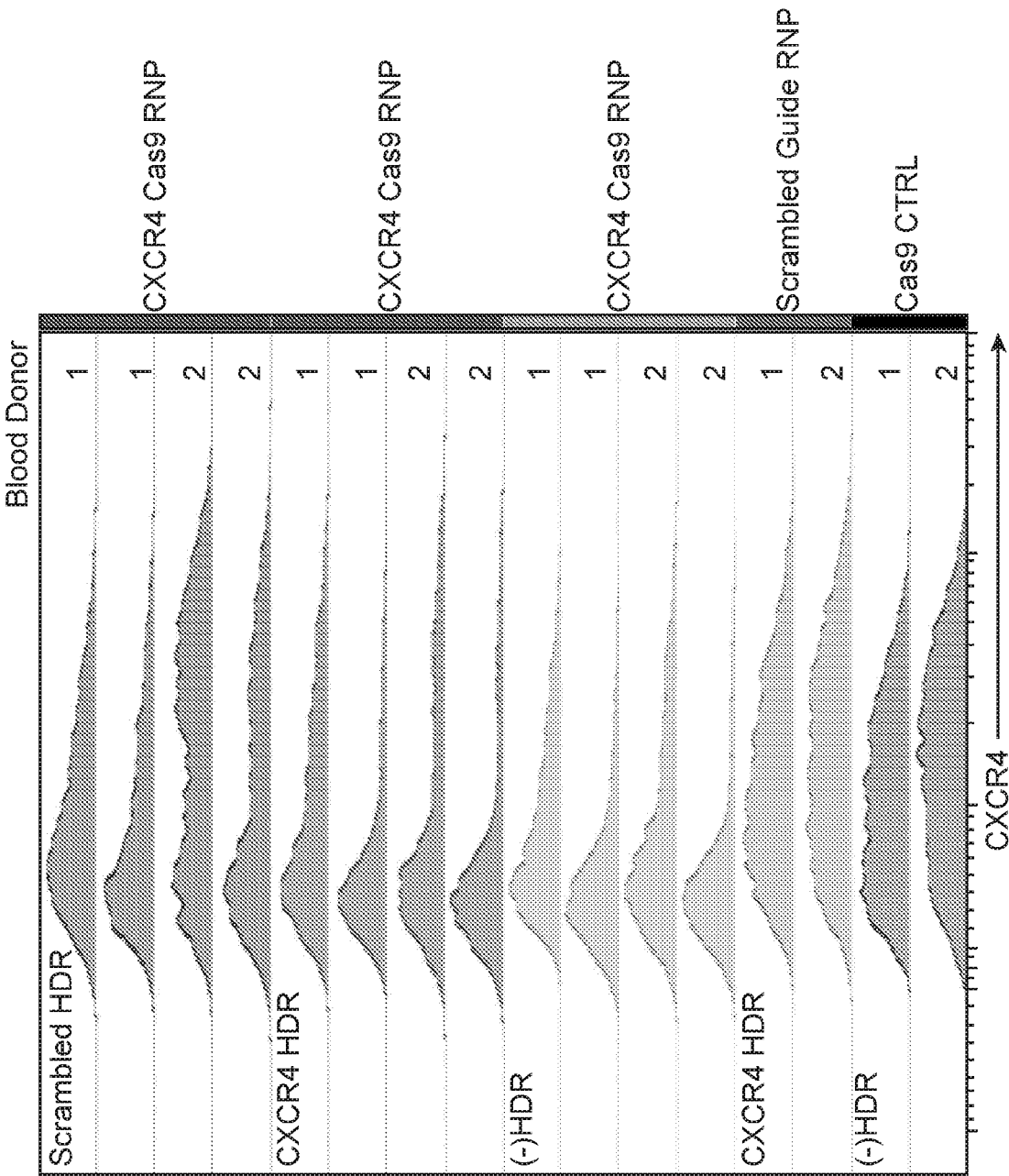


FIG. 9A

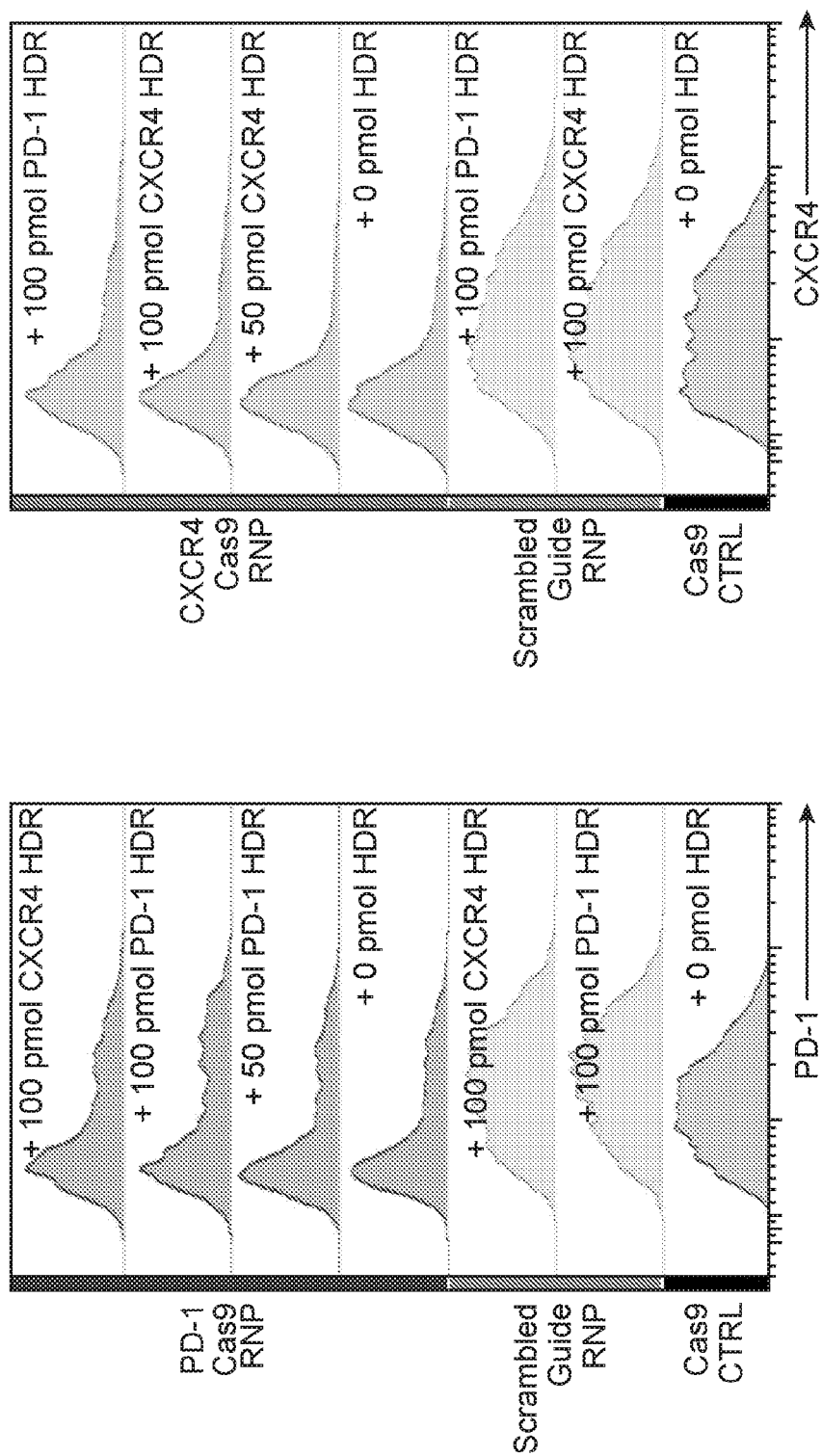


FIG. 9B

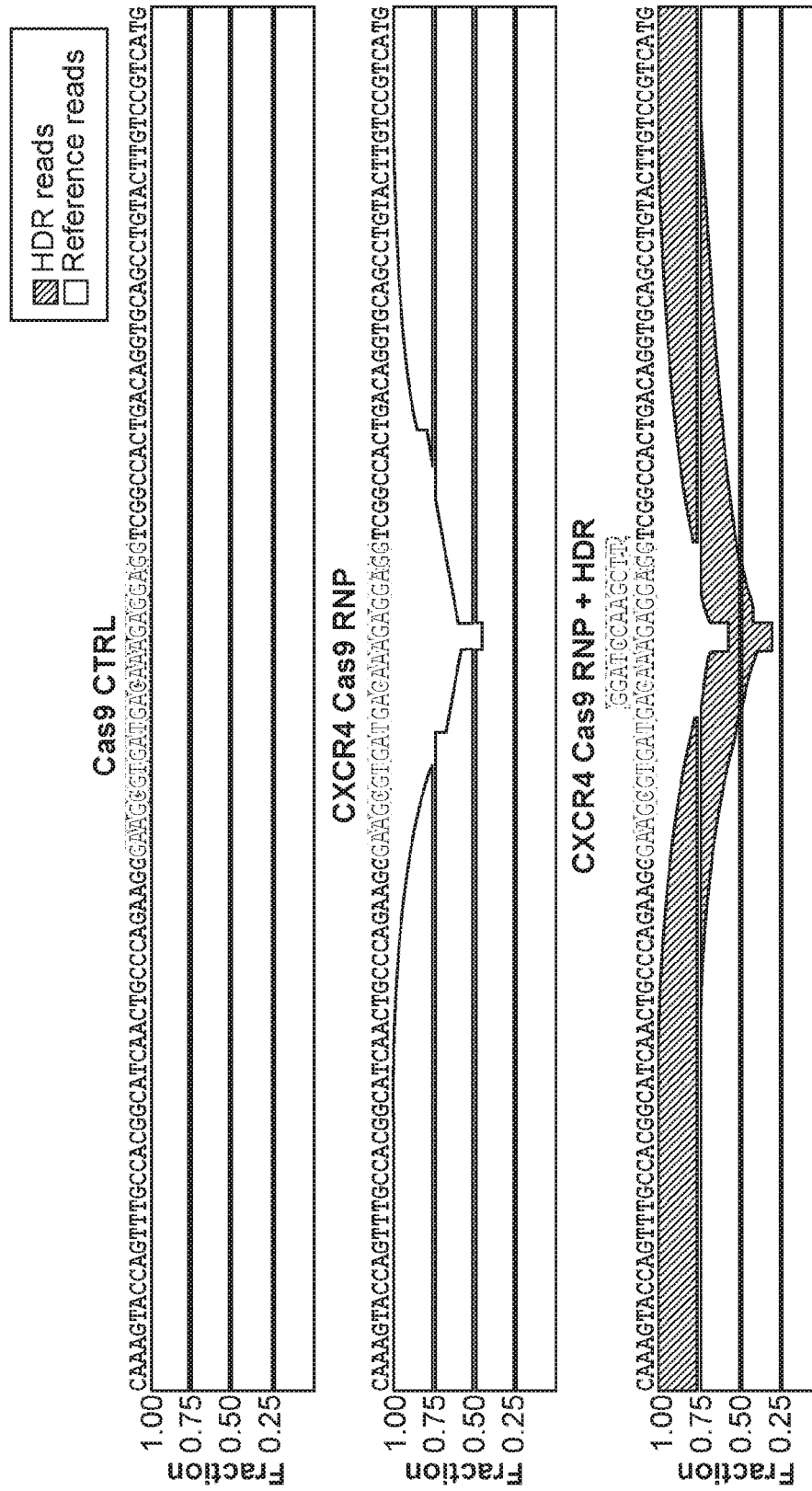


FIG. 10A

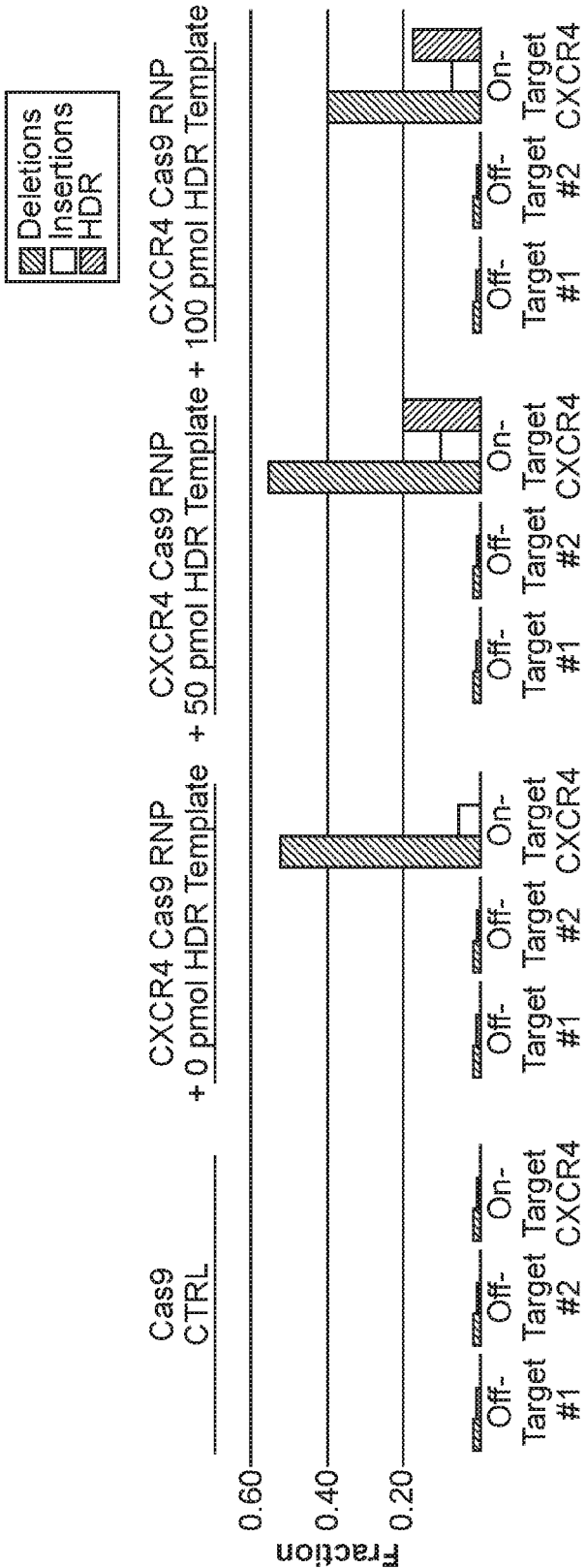


FIG. 10B

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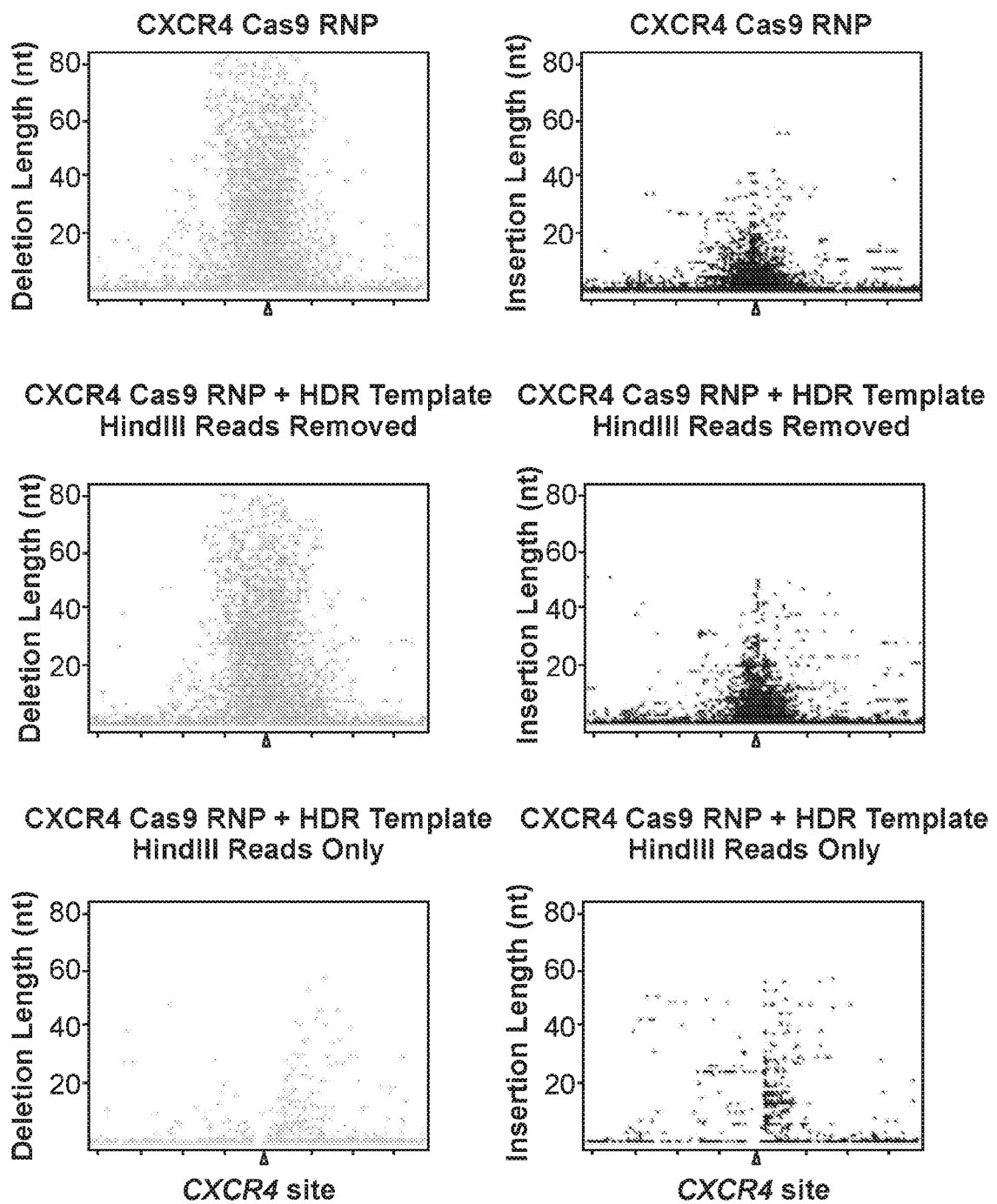


FIG. 10C

FIG. 10D

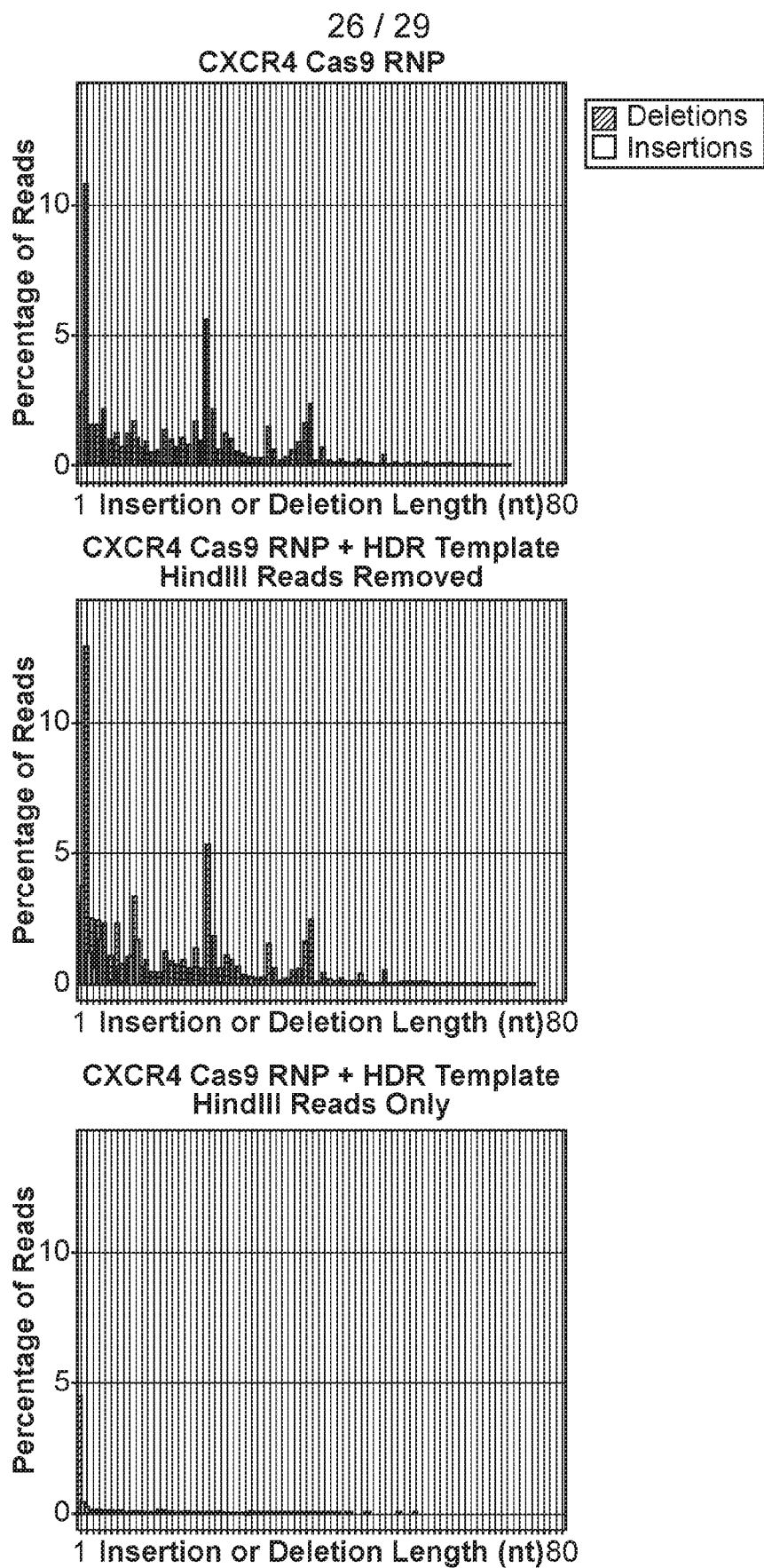


FIG. 11

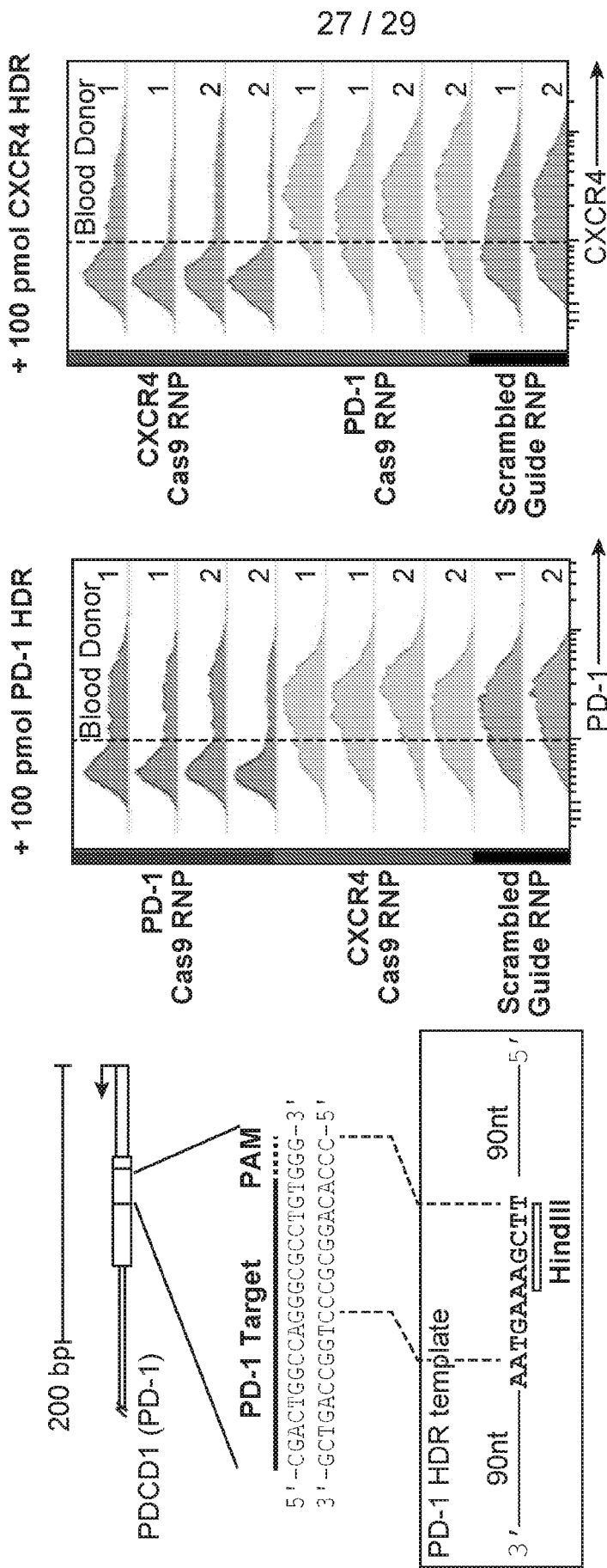
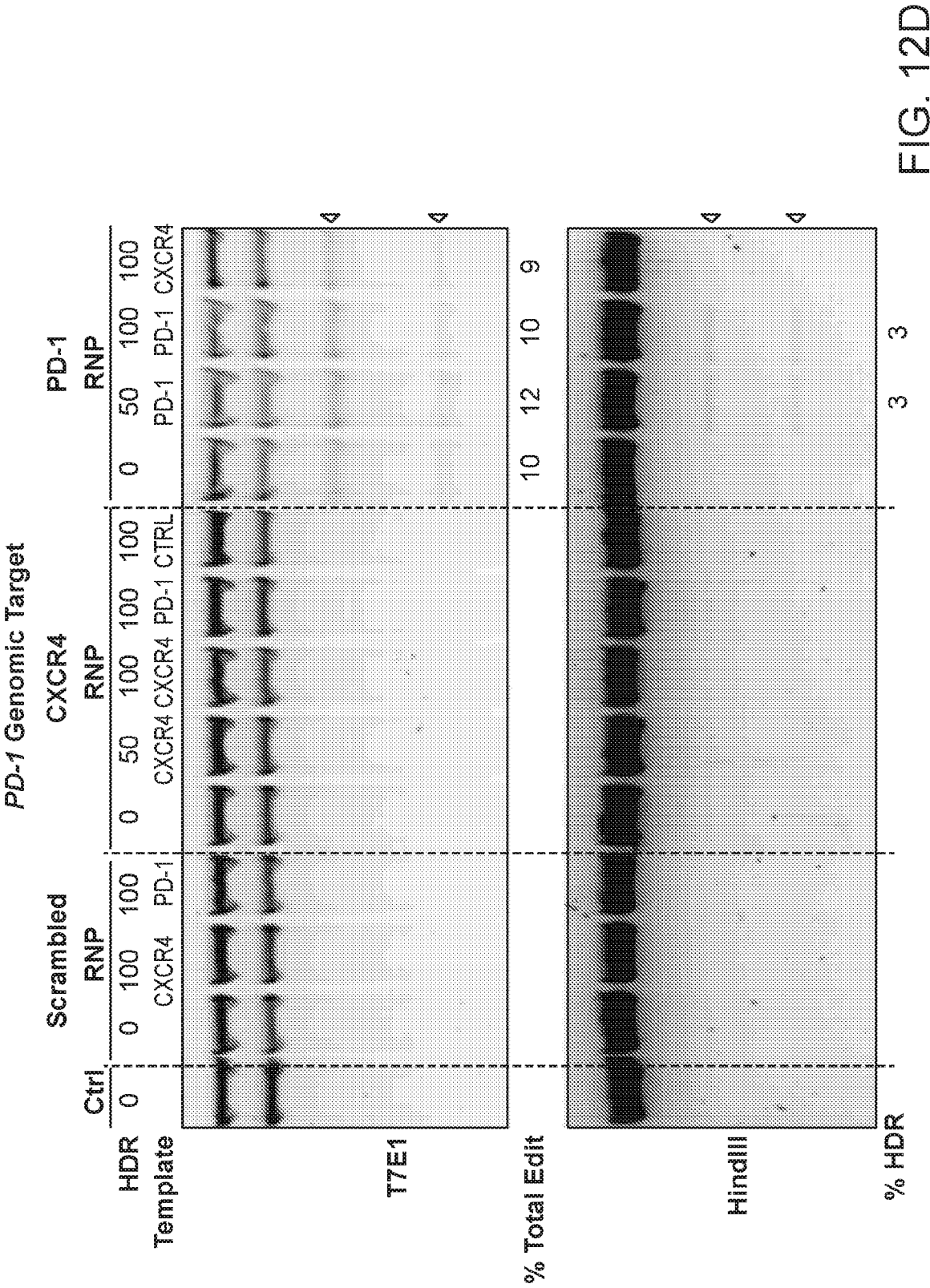


FIG. 12C

FIG. 12B

FIG. 12A



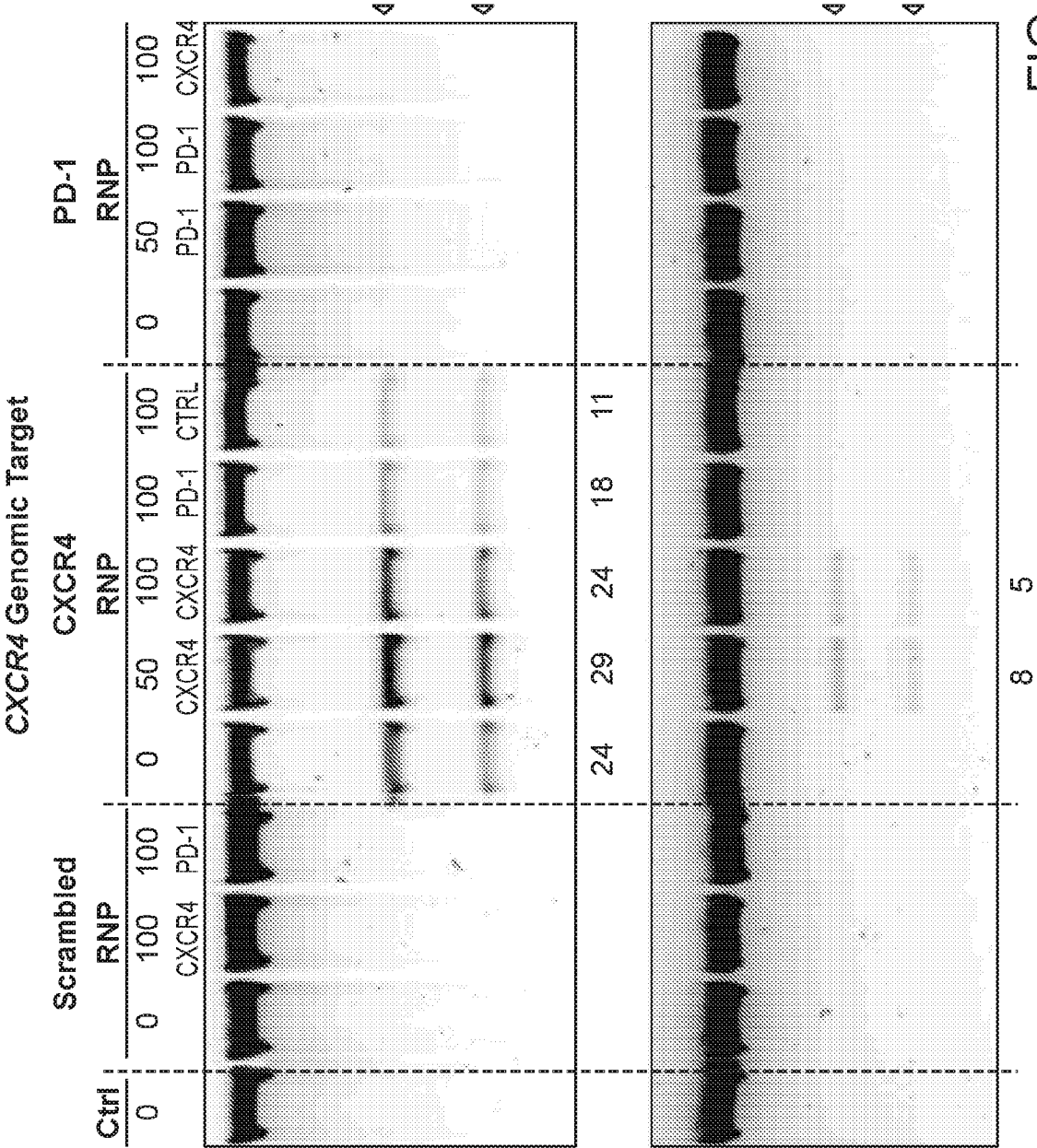


FIG. 12D (Cont.)