

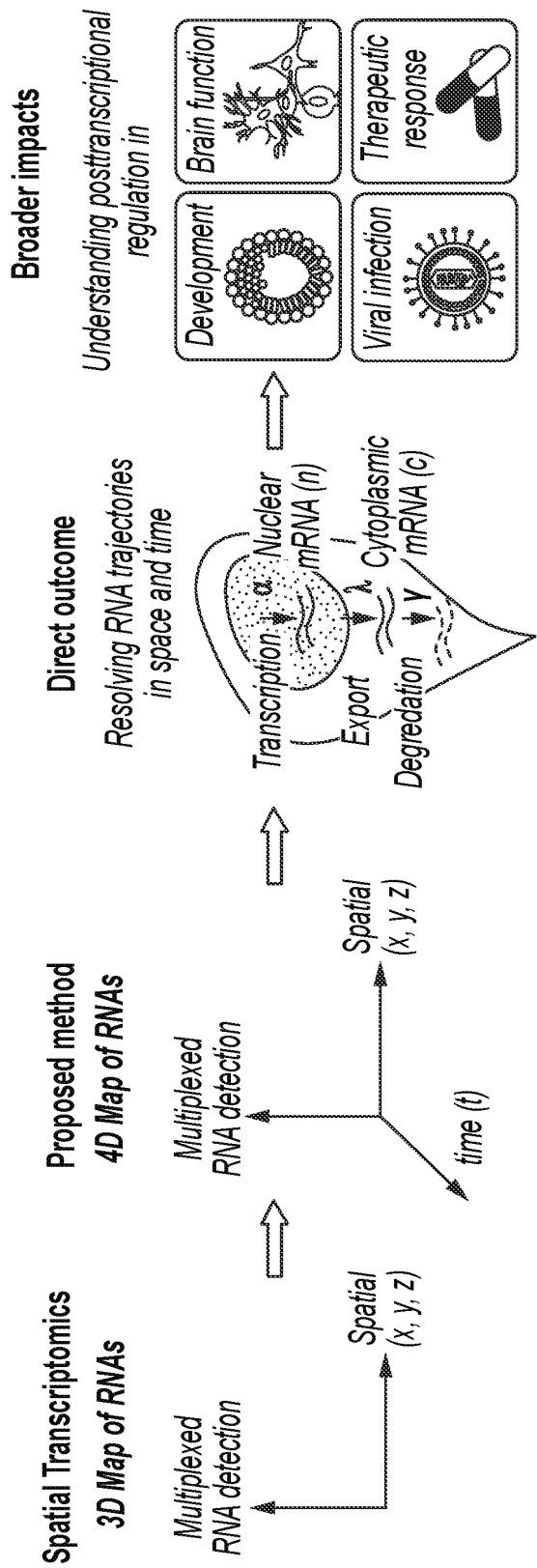


FIG. 1

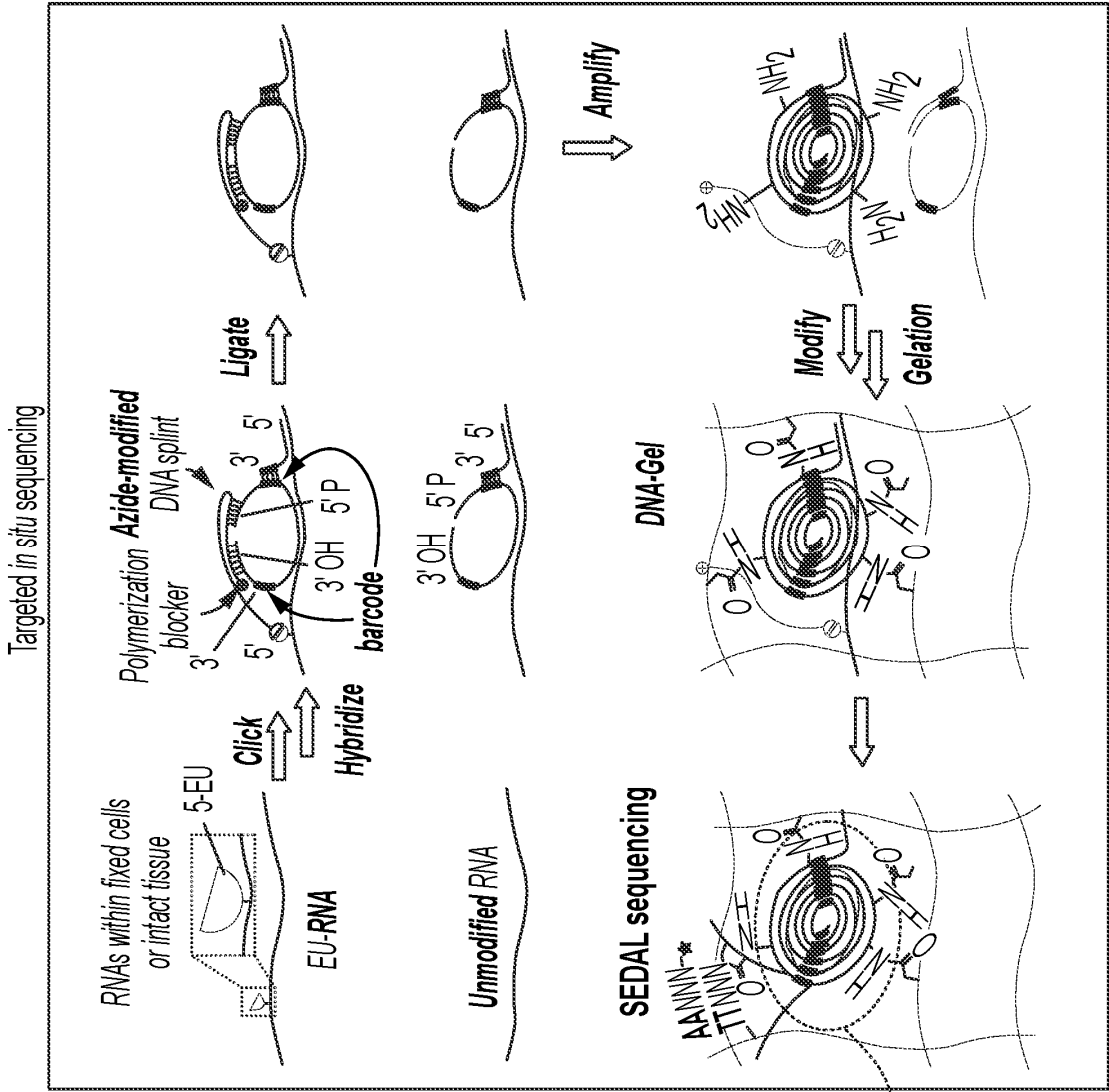


FIG. 2A

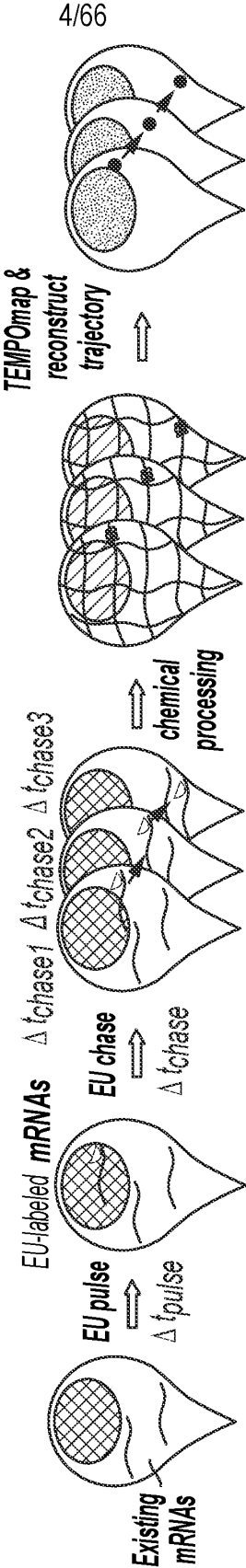


FIG. 2B

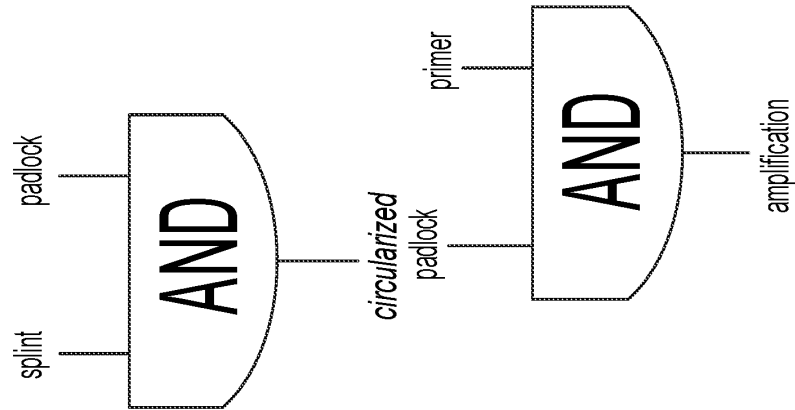


FIG. 2C

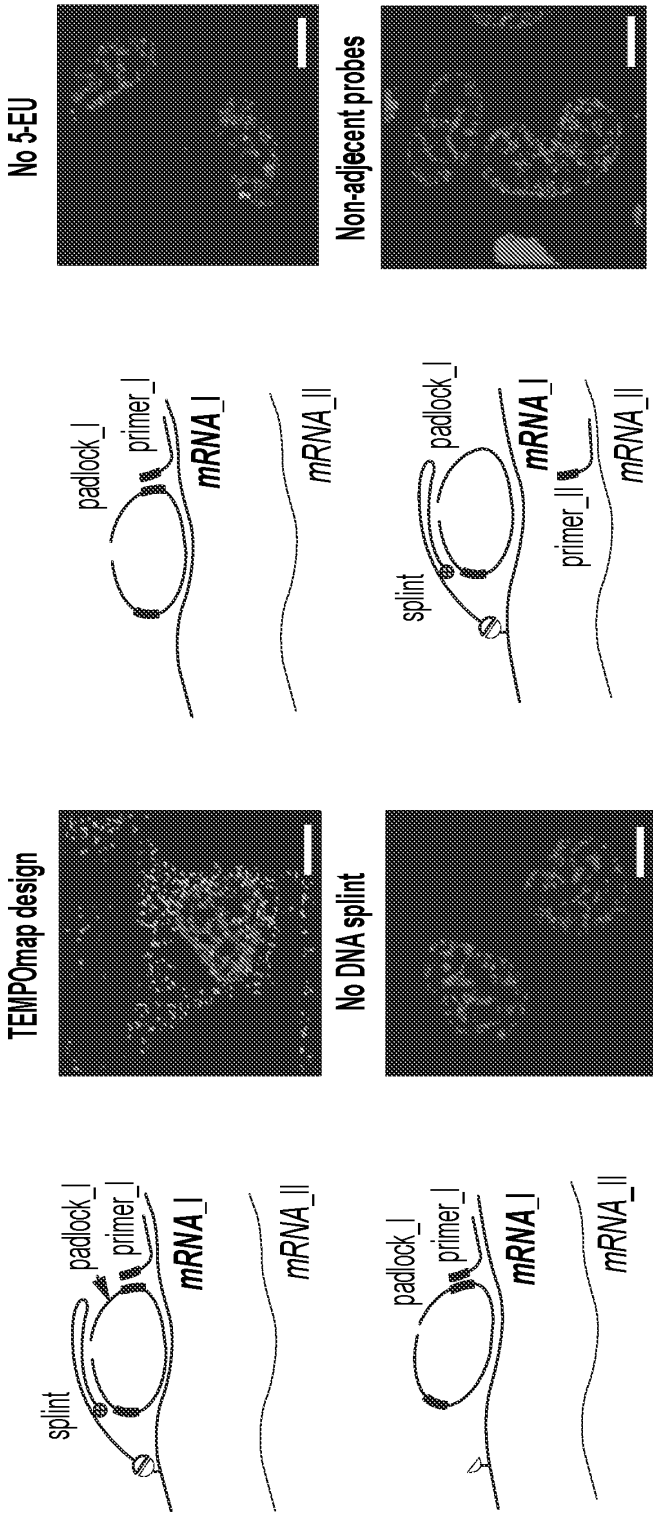


FIG. 2D

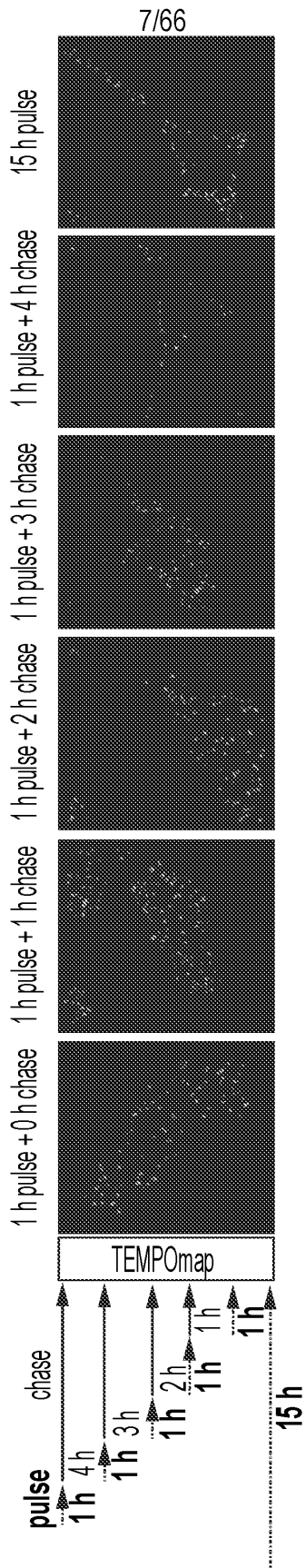


FIG. 2E

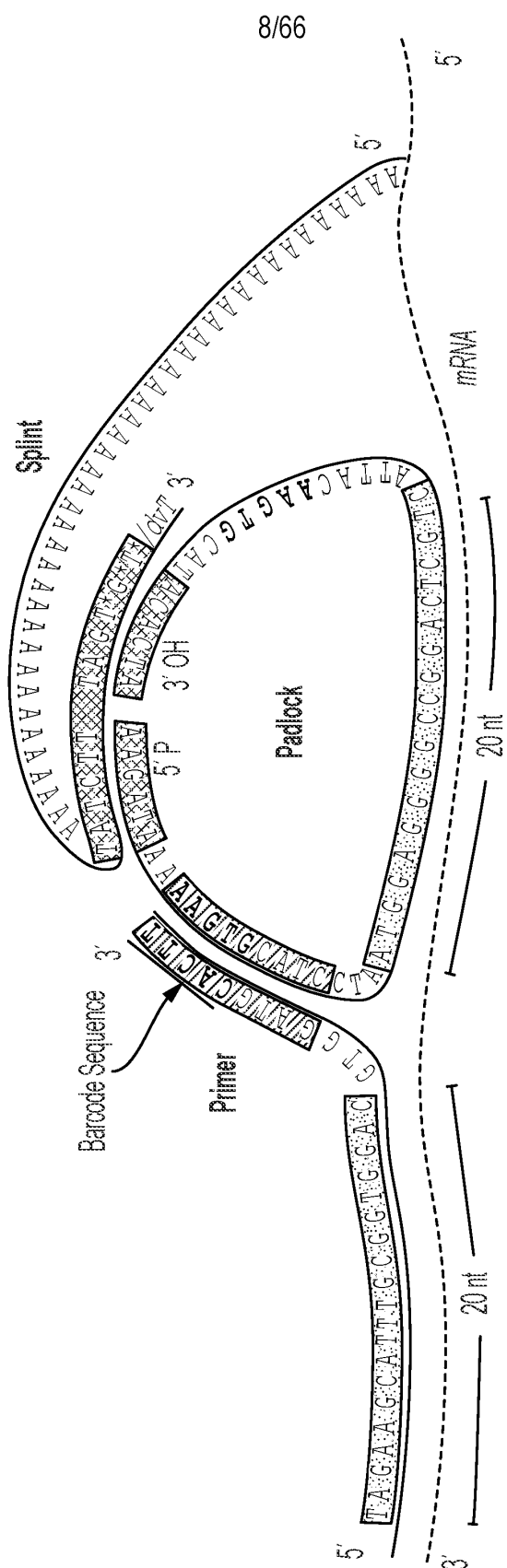


FIG. 3

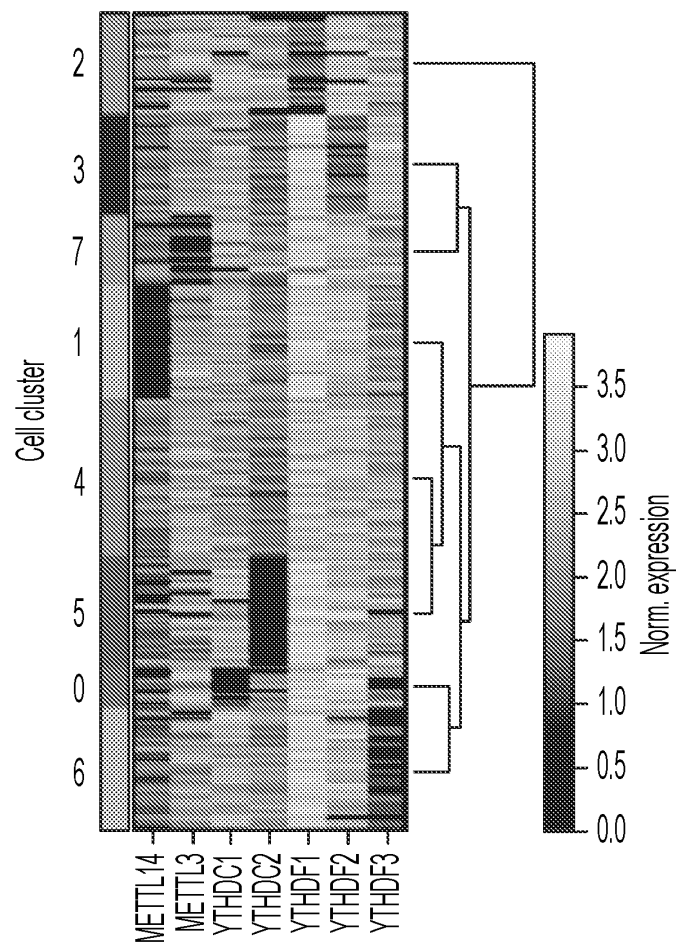


FIG. 4A

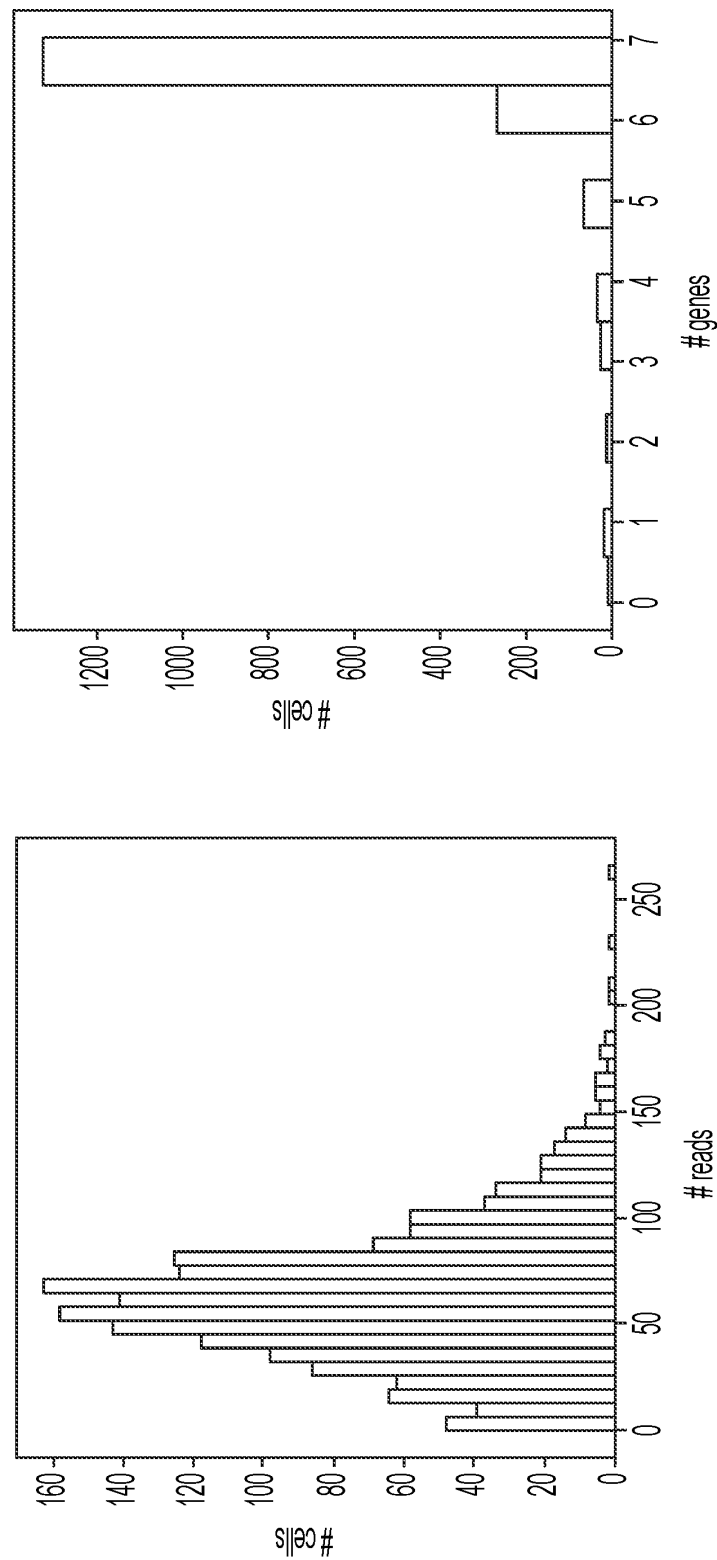


FIG. 4B

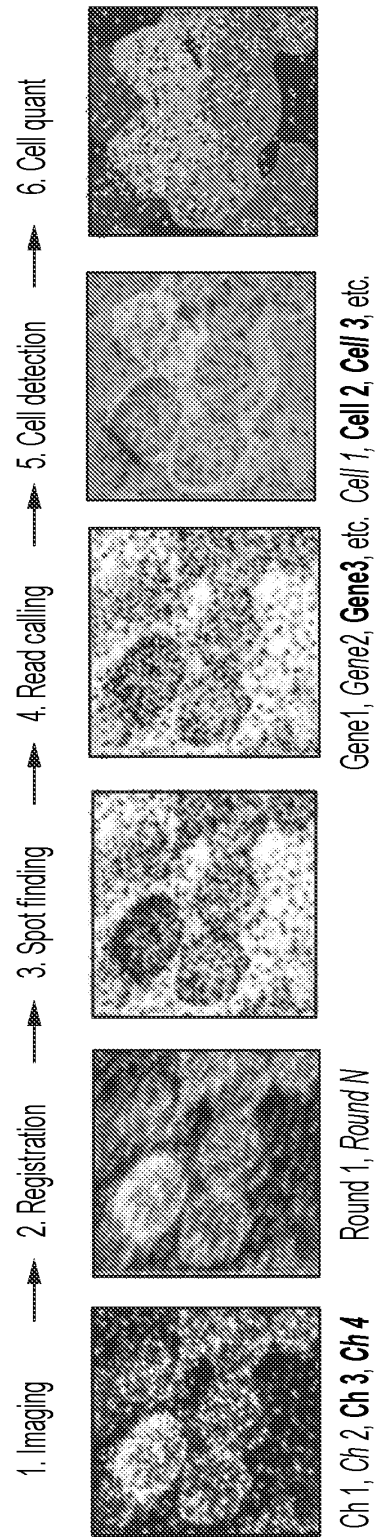


FIG. 5

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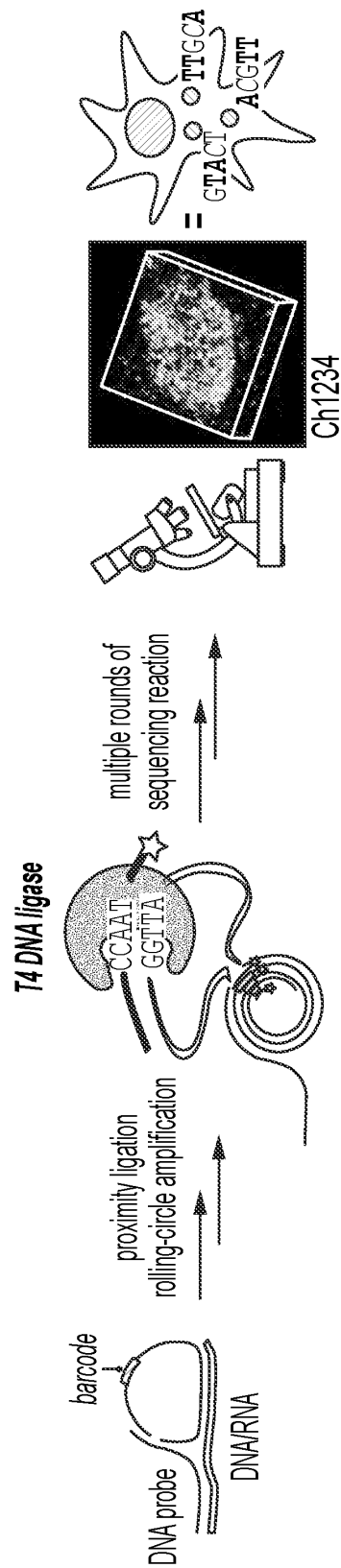


FIG. 6A

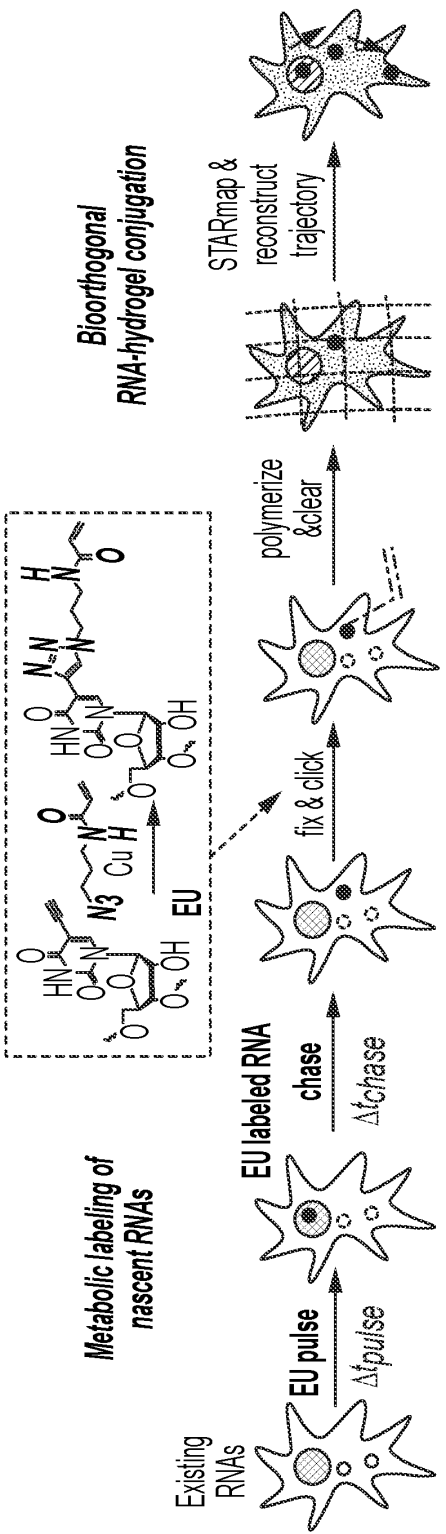


FIG. 6B

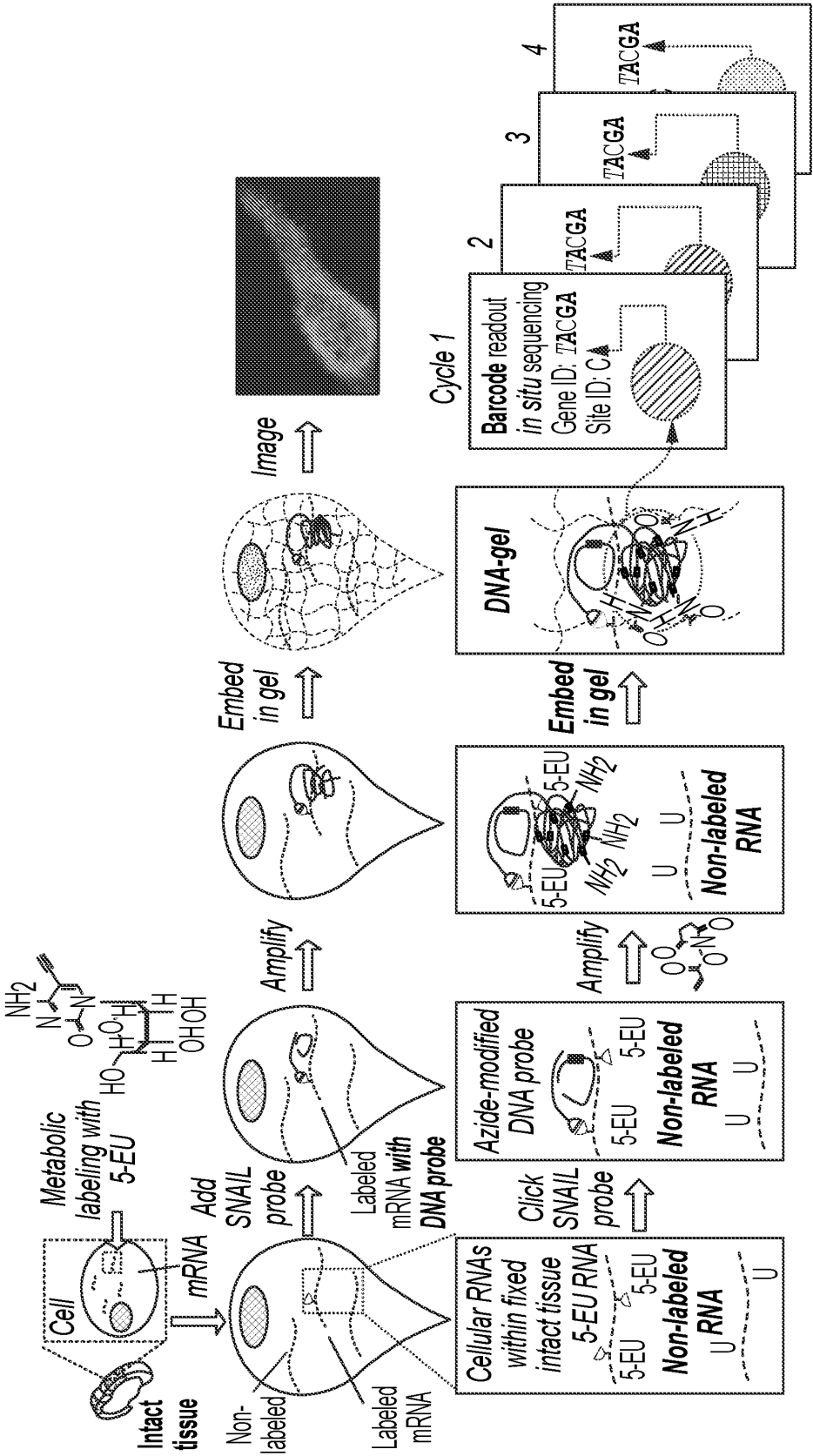


FIG. 7

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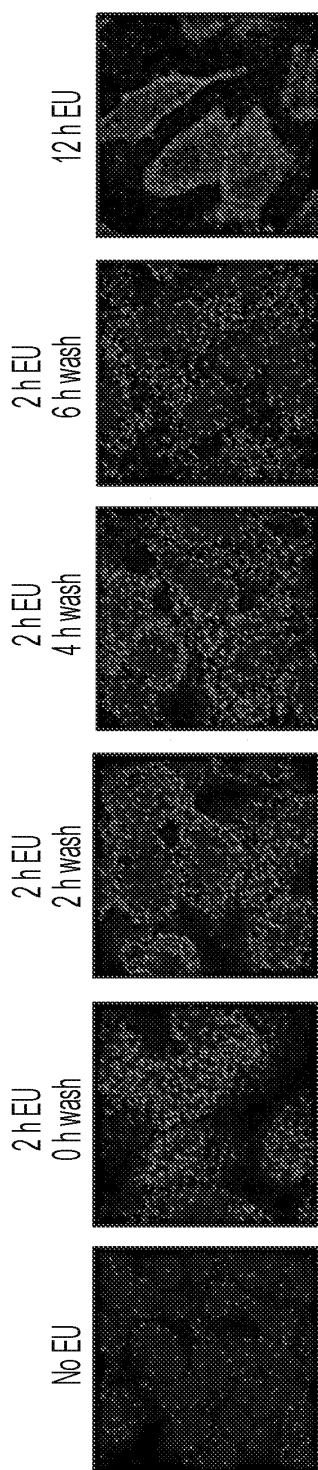


FIG. 8A

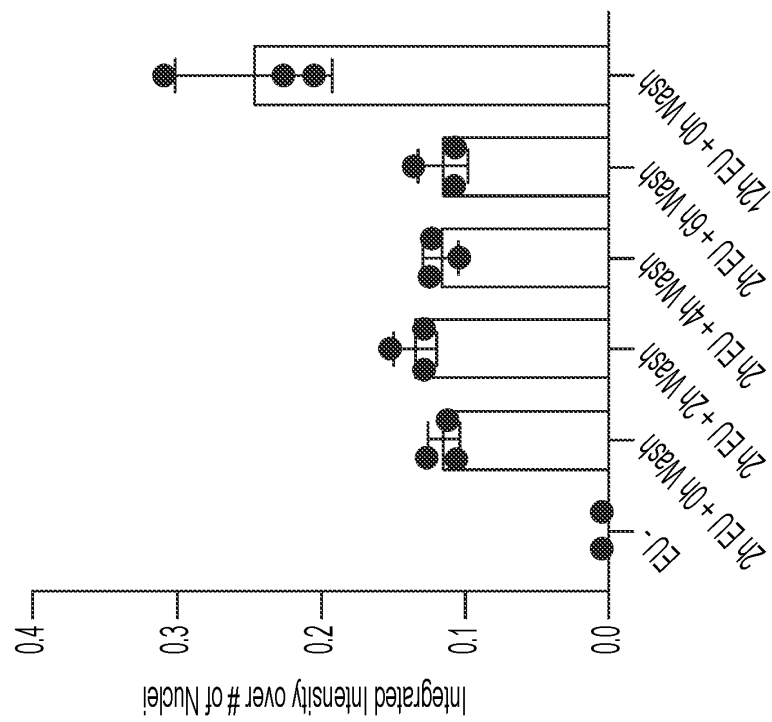


FIG. 8B

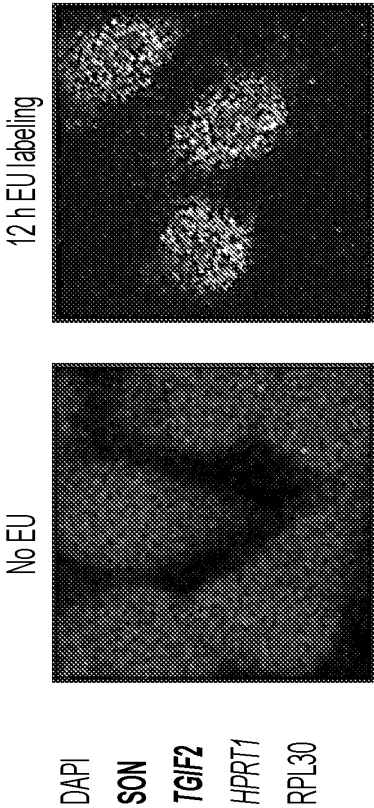


FIG. 9A

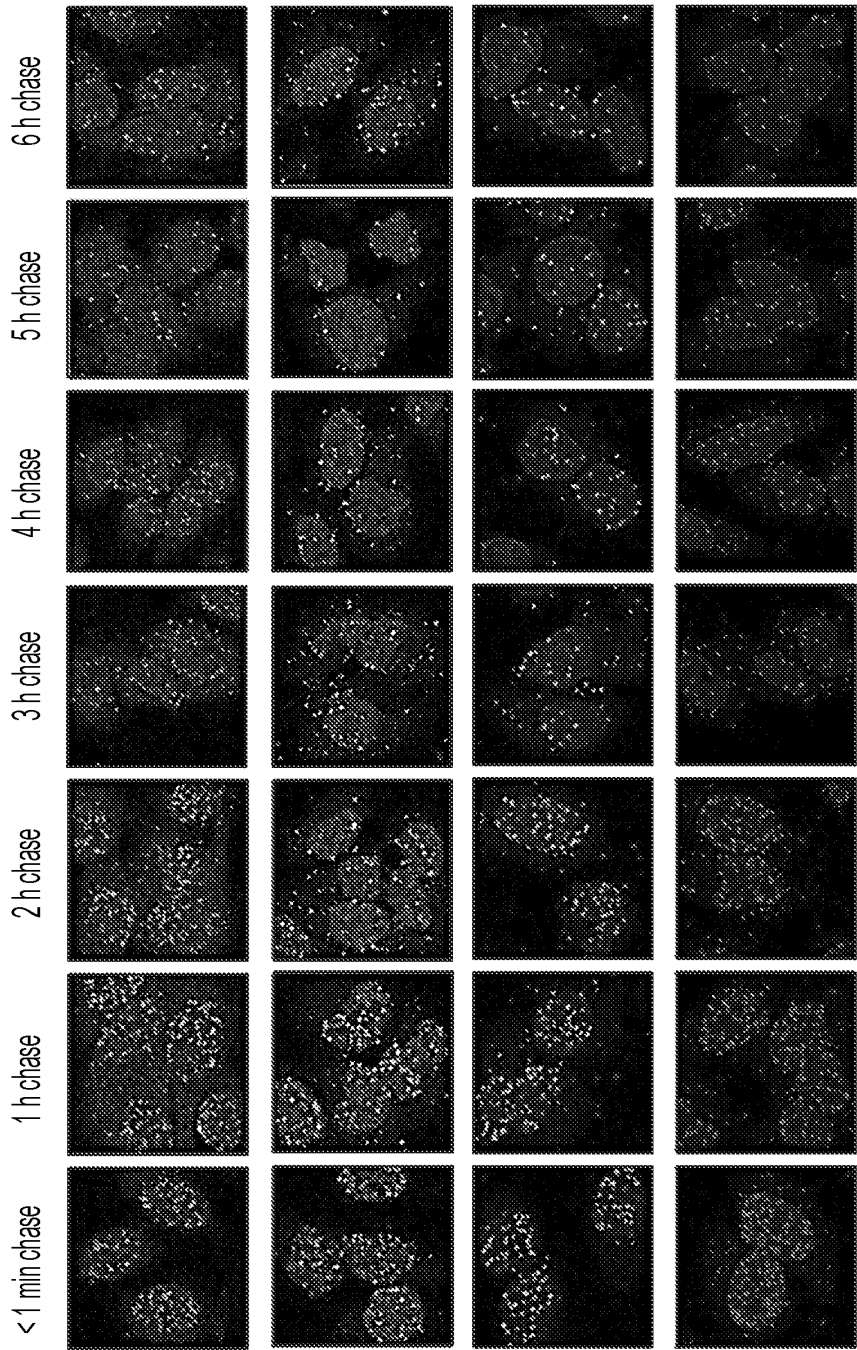


FIG. 9B

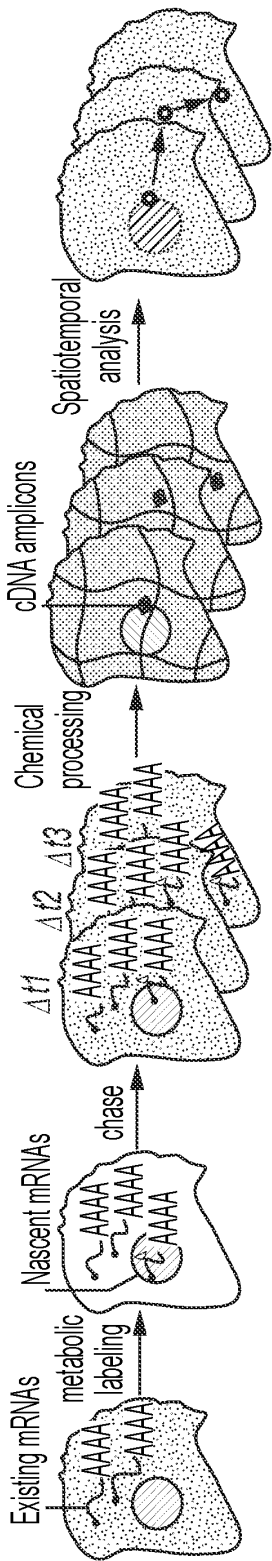


FIG. 10A

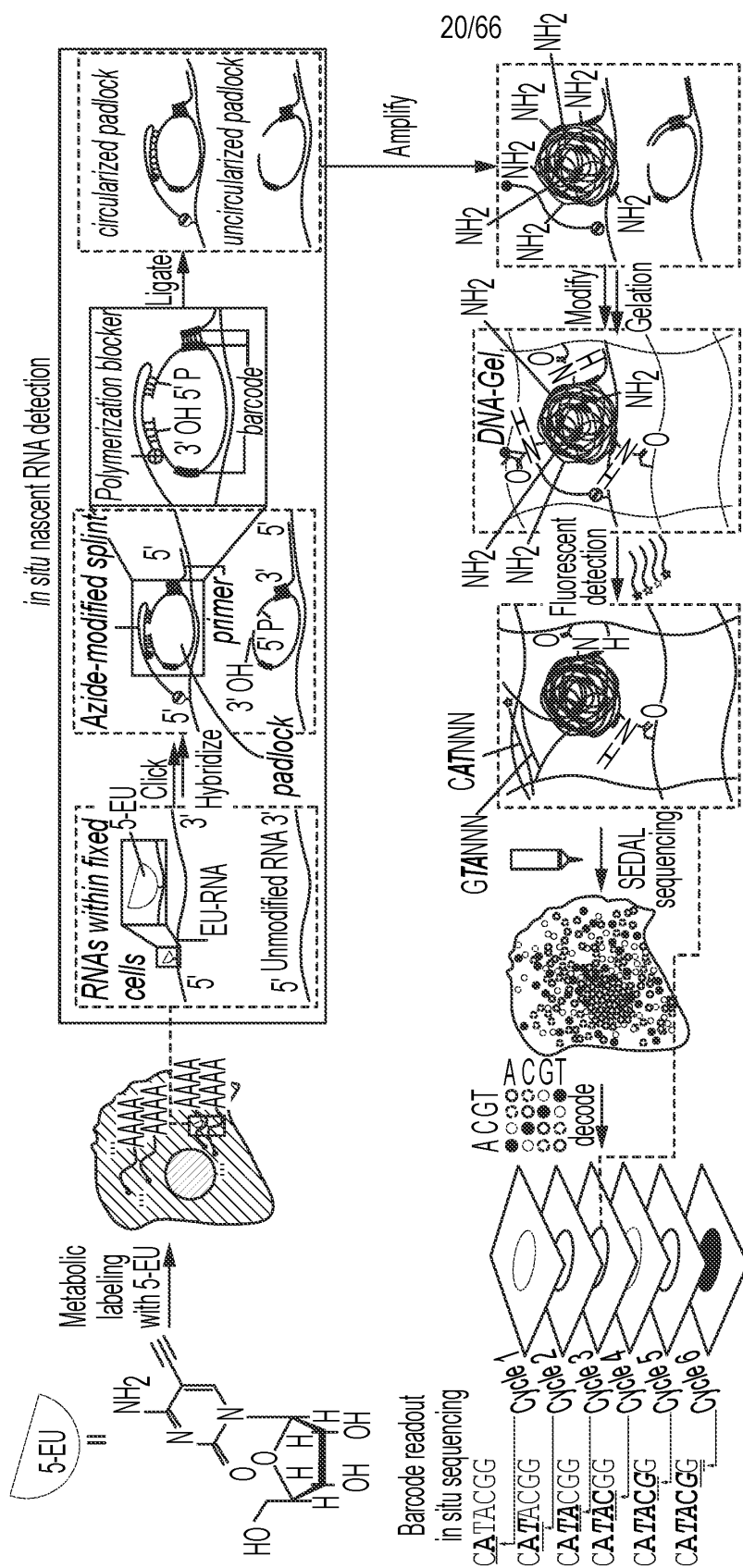


FIG. 10B

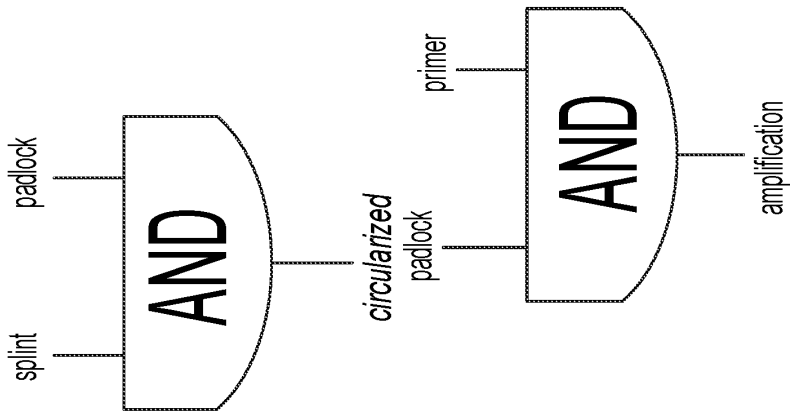


FIG. 10C

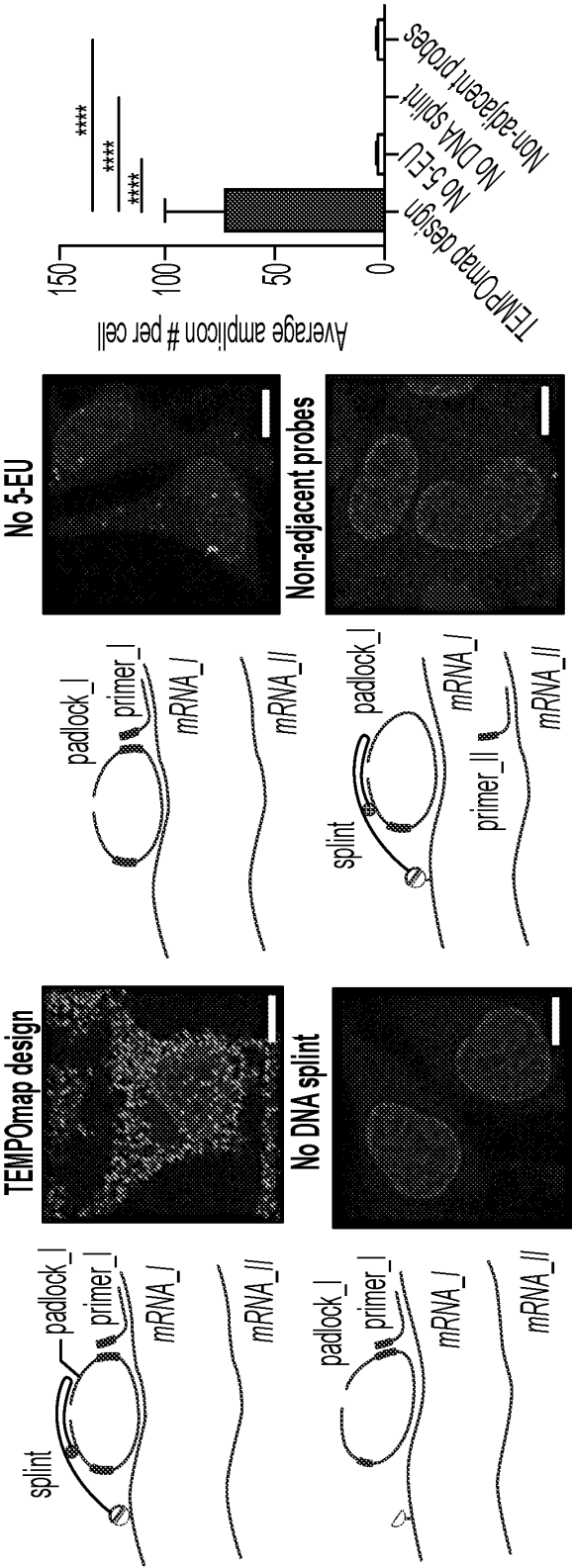


FIG. 10D

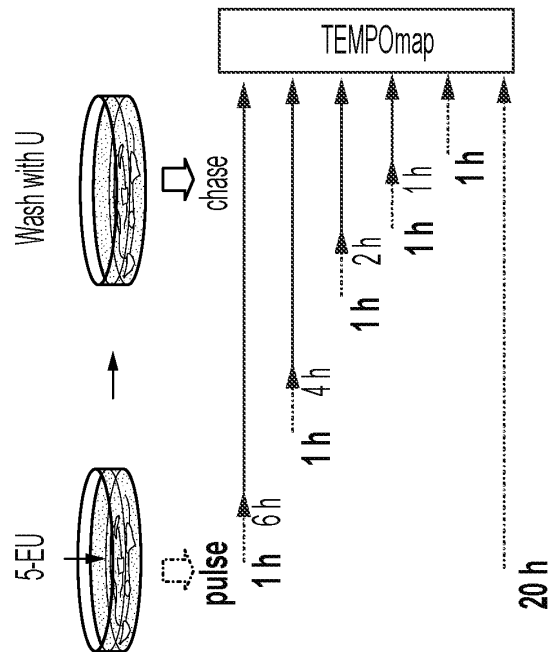


FIG. 11A

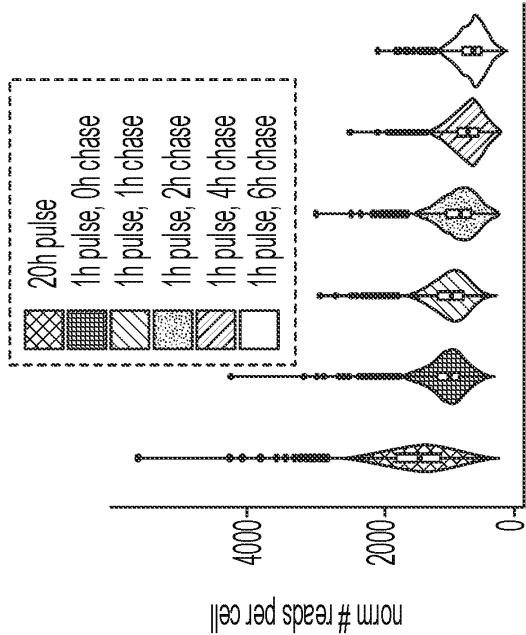


FIG. 11B

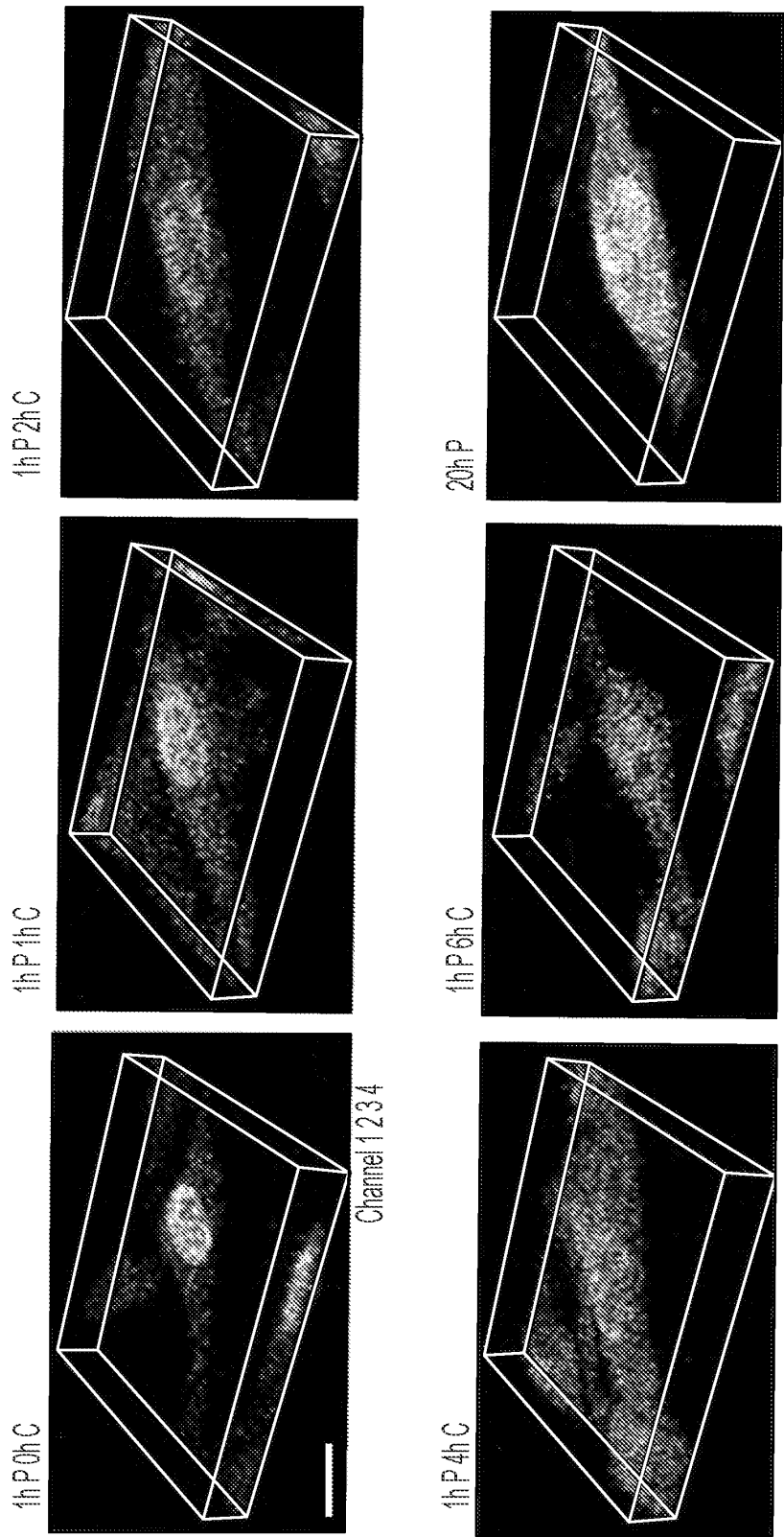


FIG. 11C

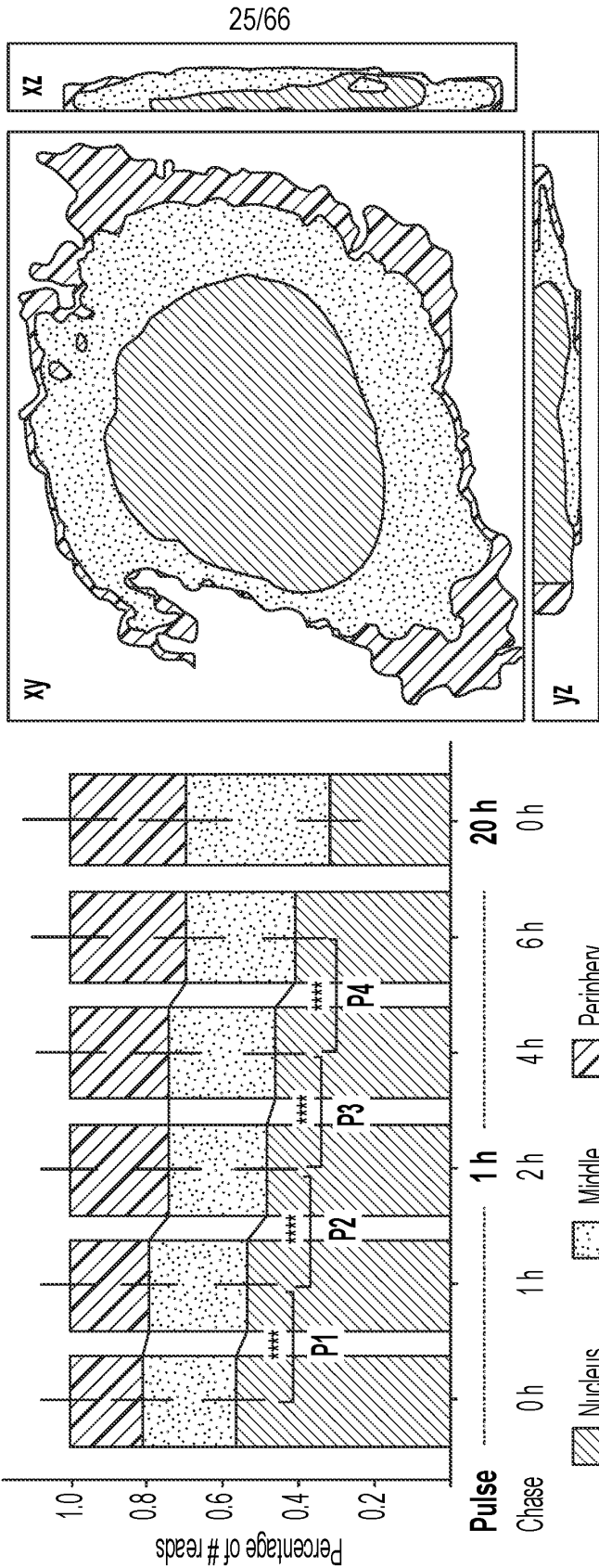


FIG. 11D

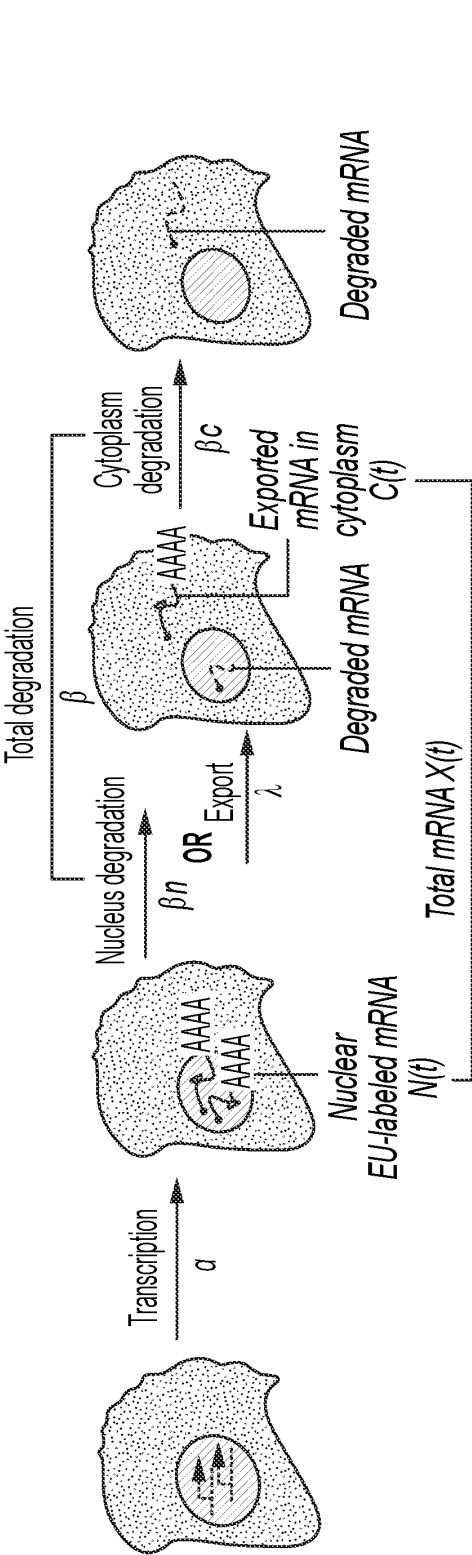


FIG. 12A

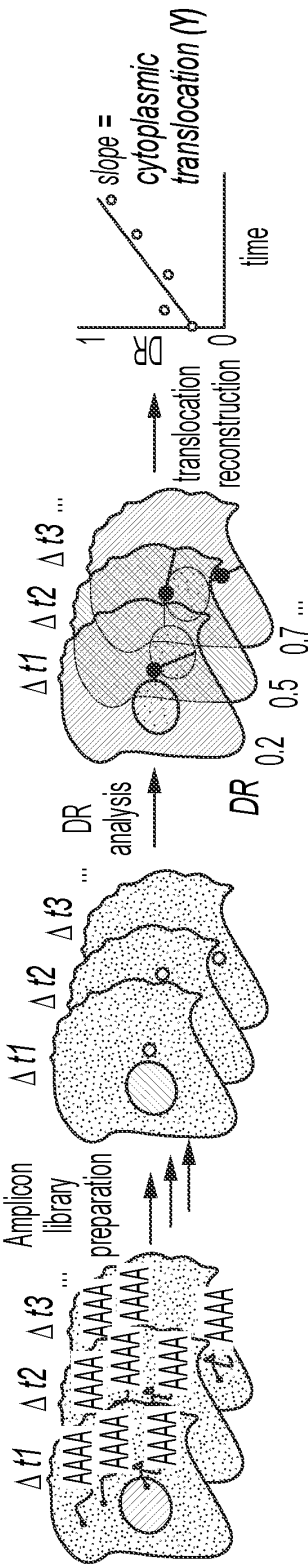


FIG. 12B

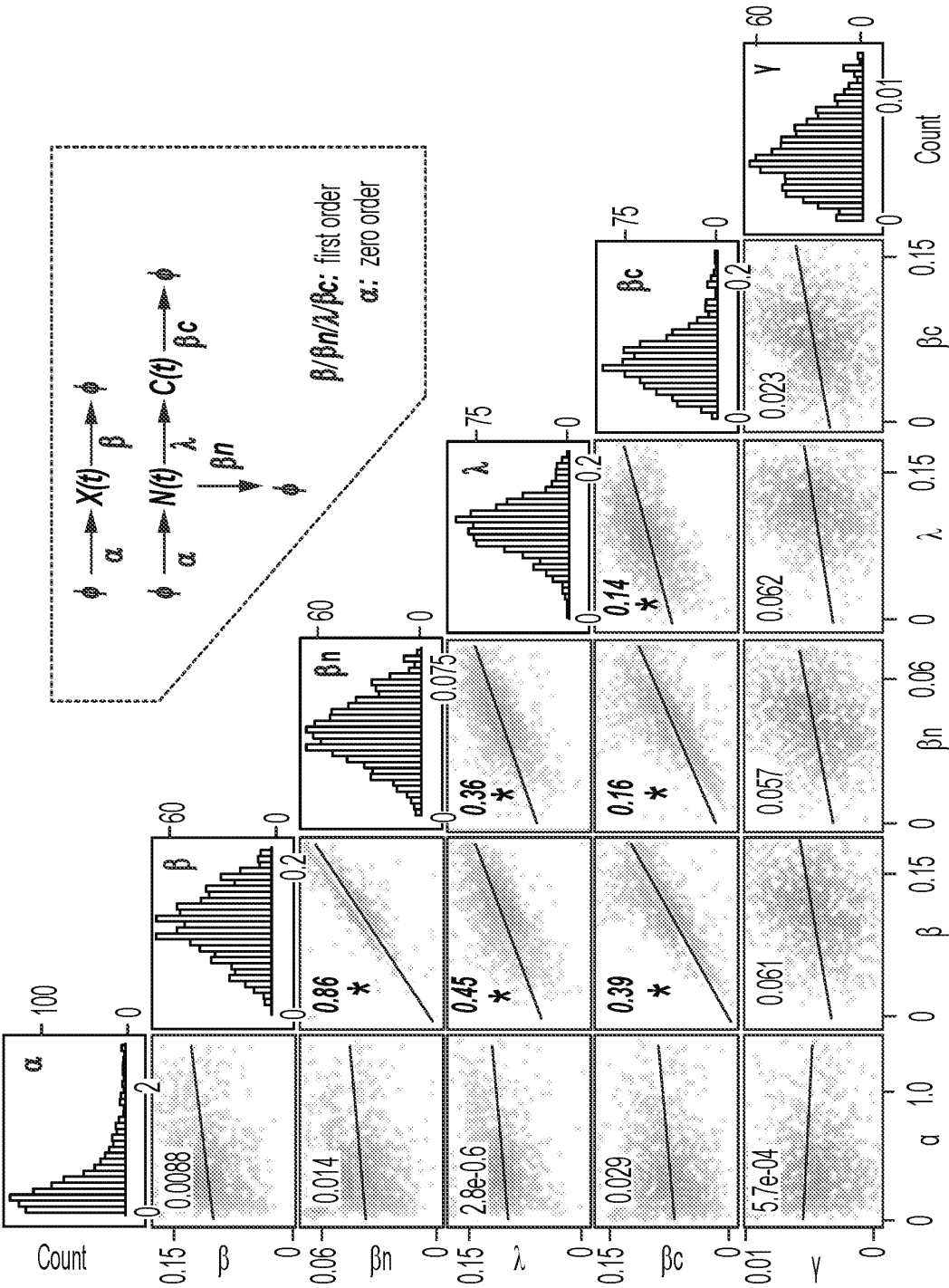


FIG. 12C

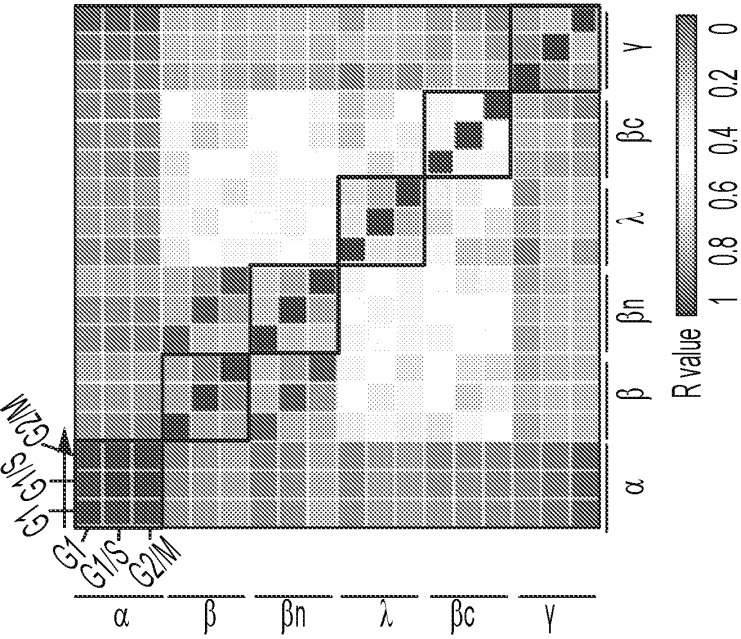


FIG. 12D

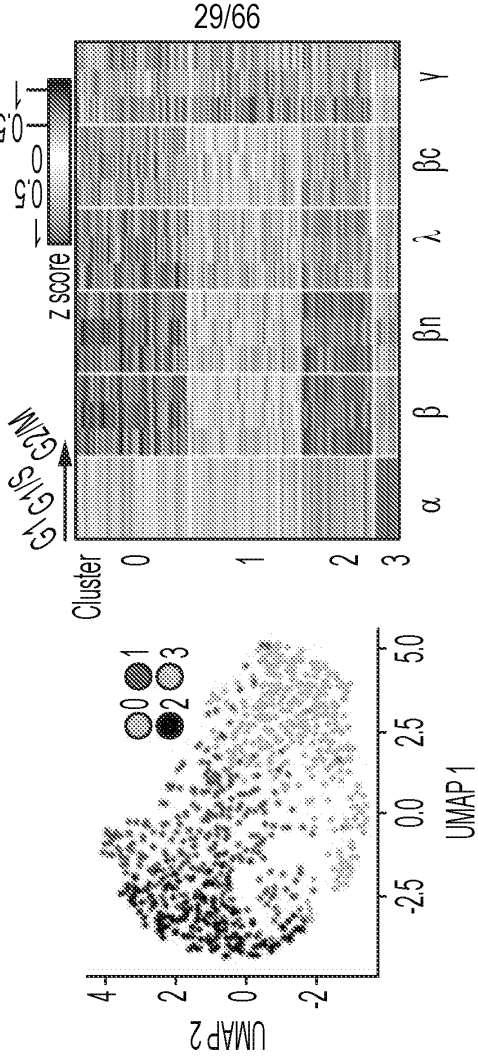
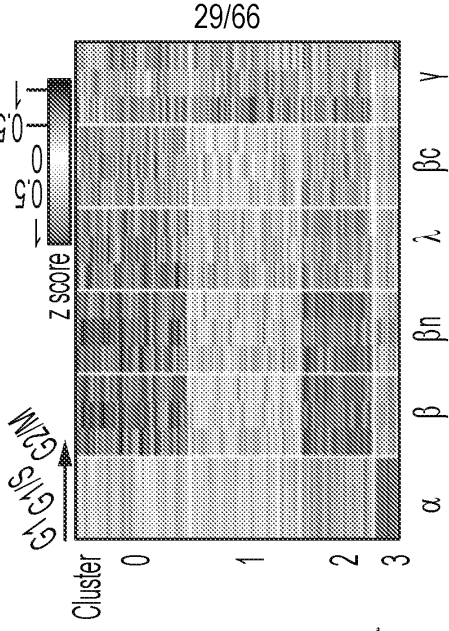


FIG. 12E



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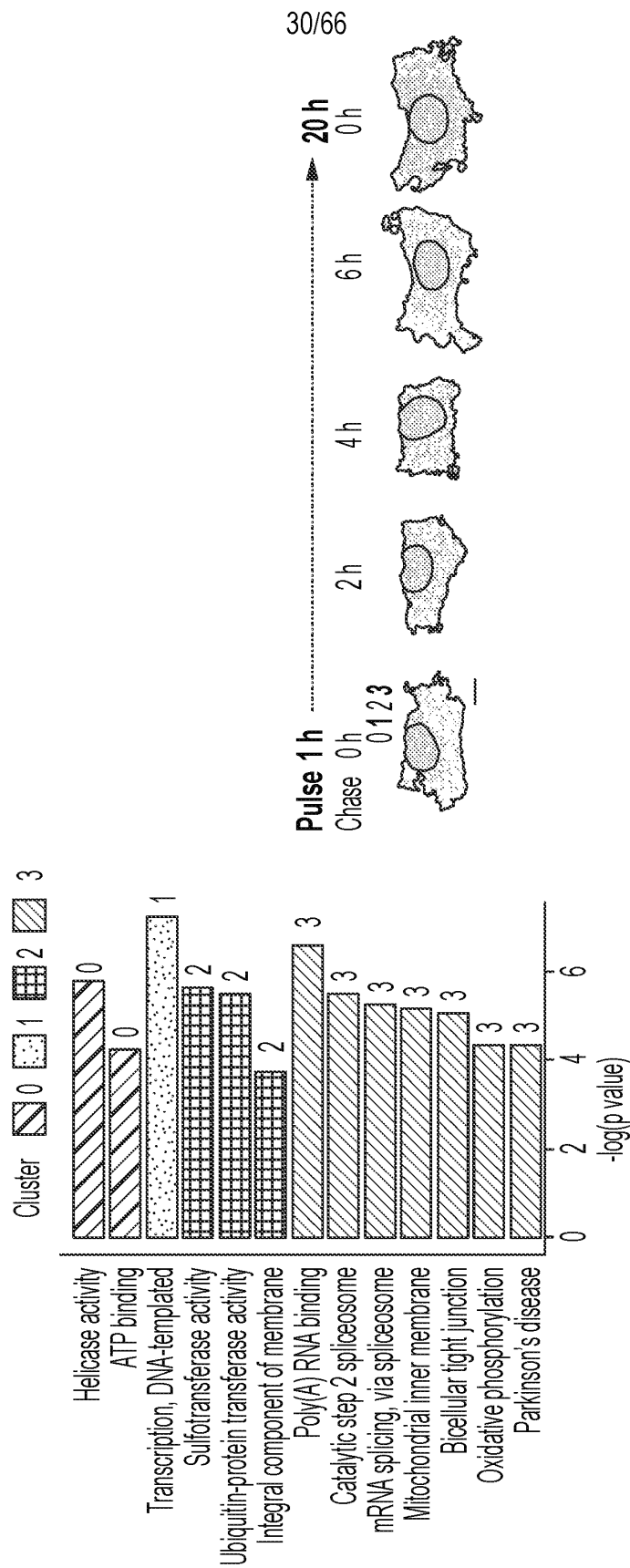
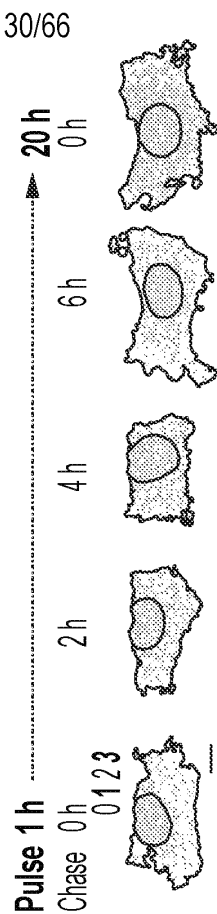


FIG. 12G

FIG. 12F



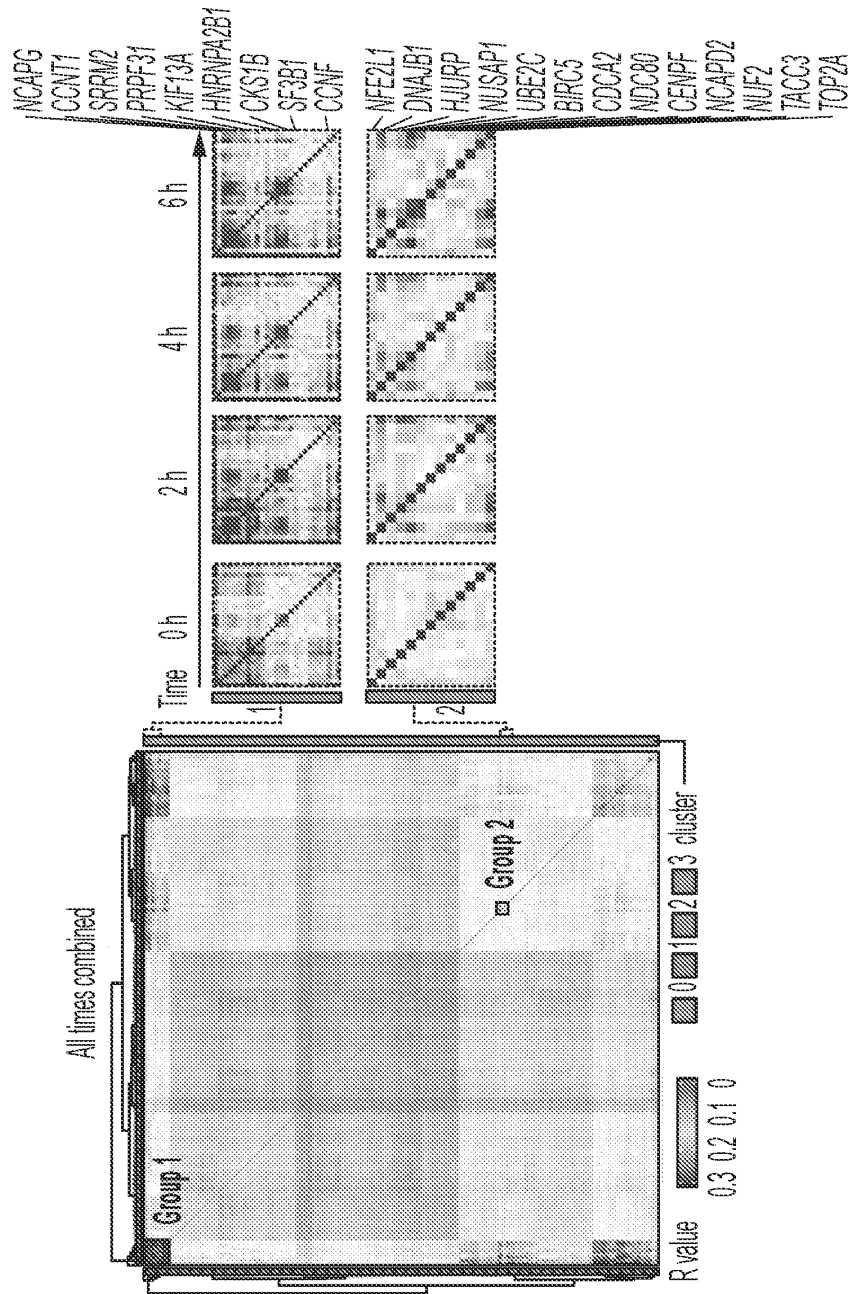


FIG. 13B

FIG. 13A

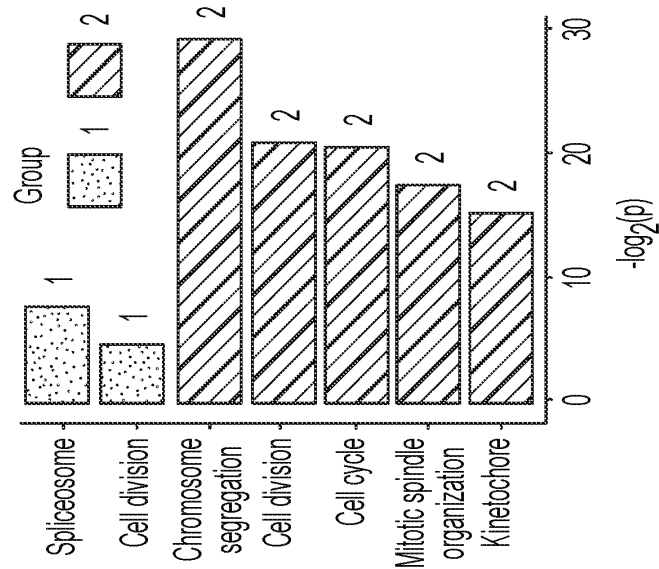


FIG. 13C

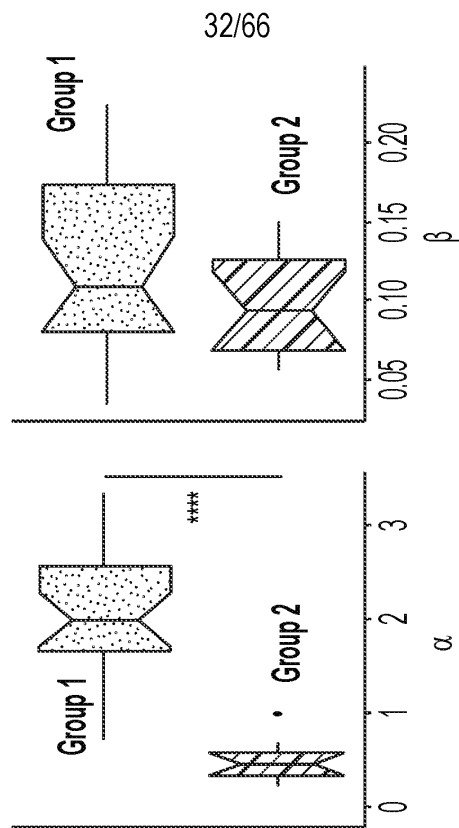


FIG. 13D

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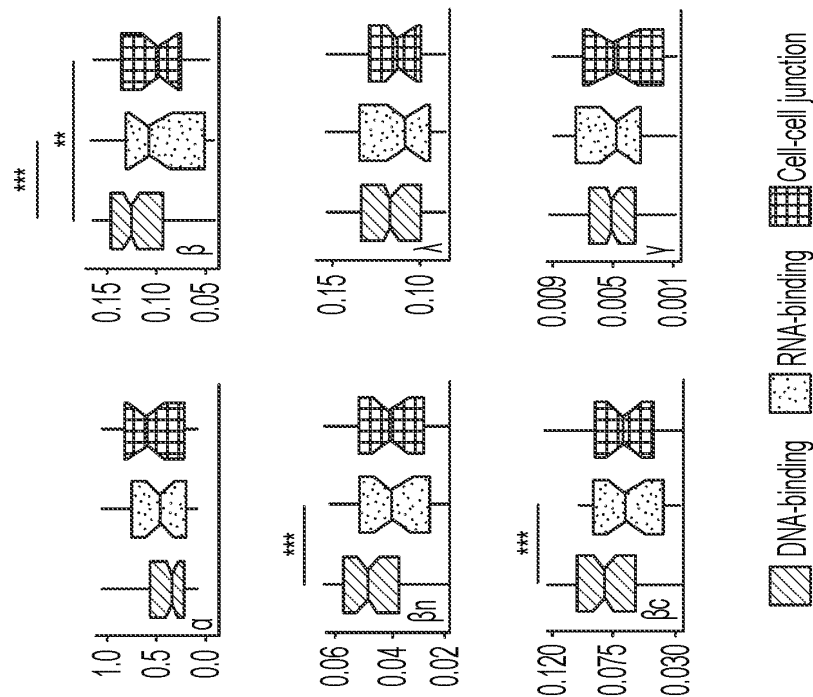


FIG. 13E

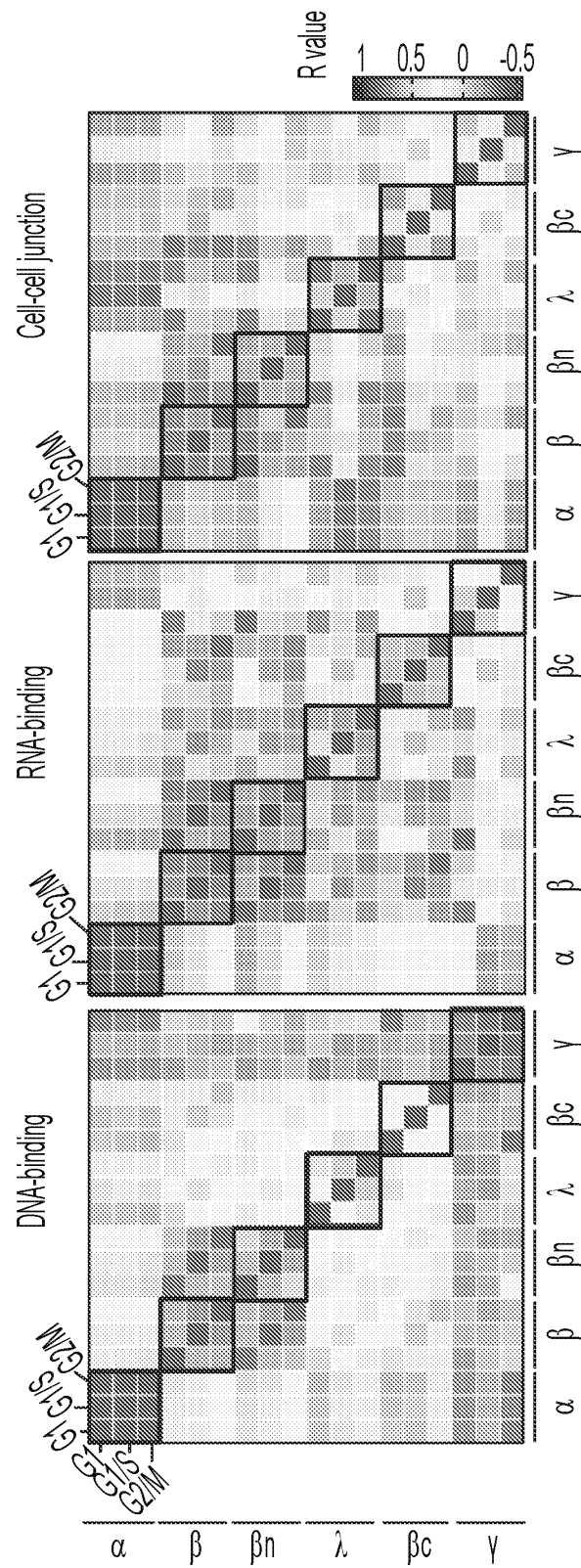


FIG. 13F

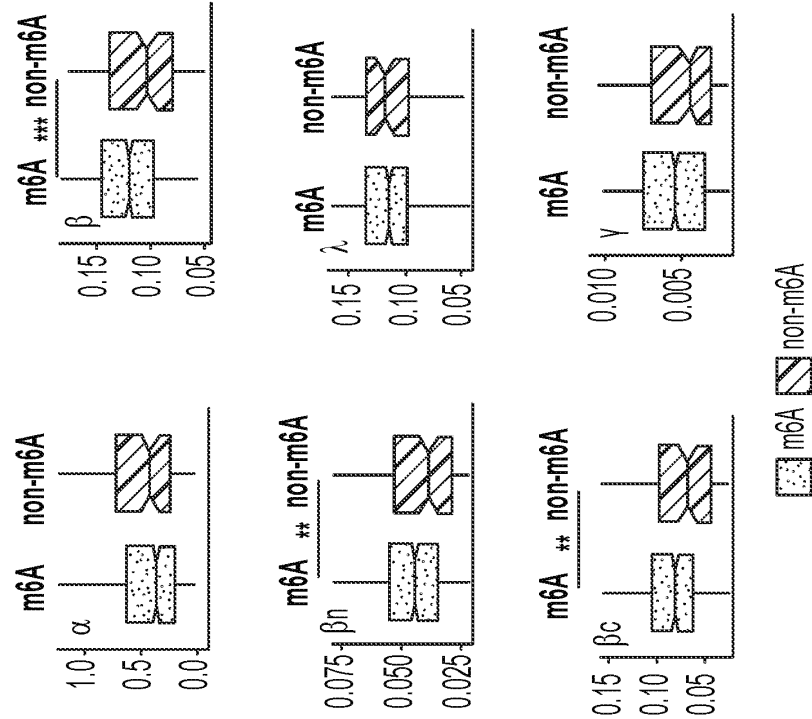


FIG. 13G

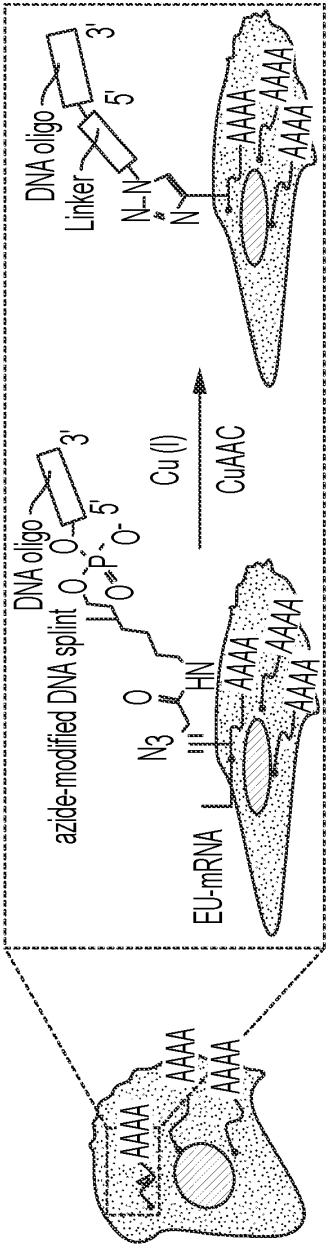


FIG. 14A

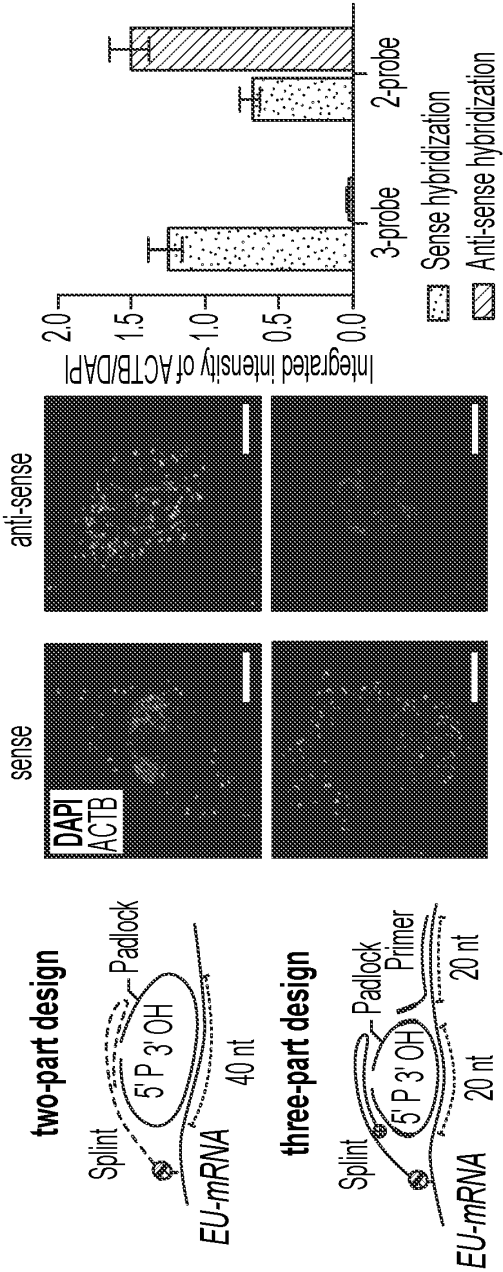


FIG. 14B

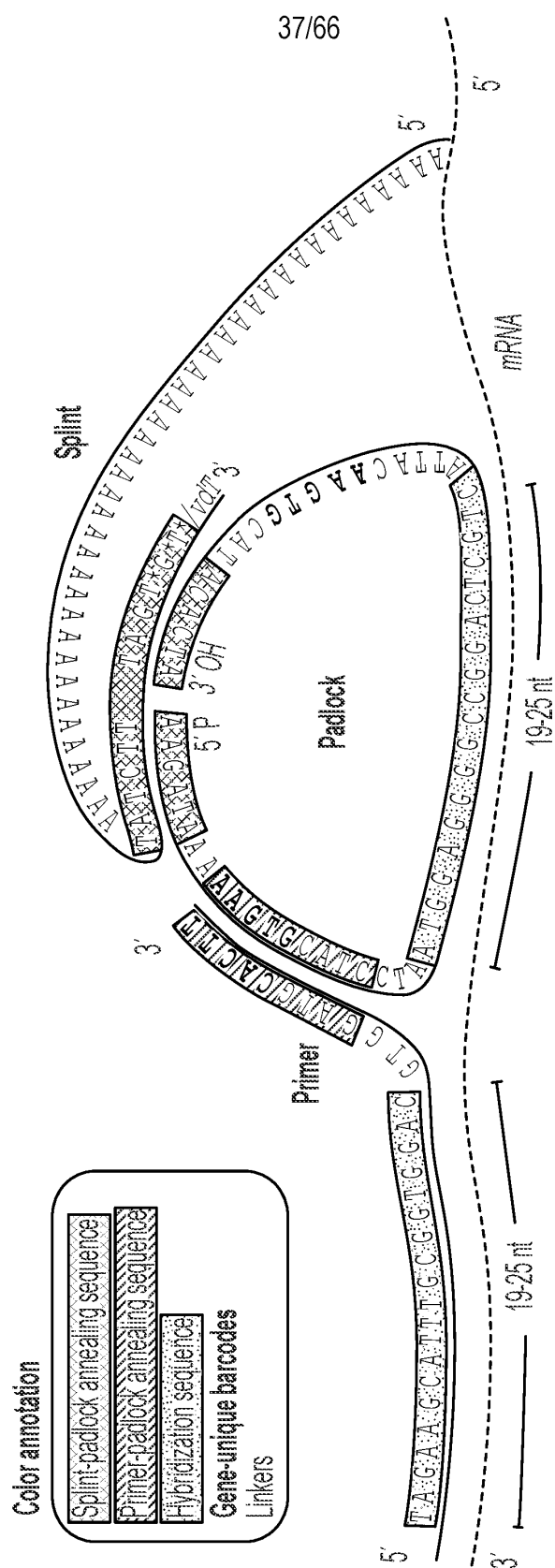


FIG. 14C

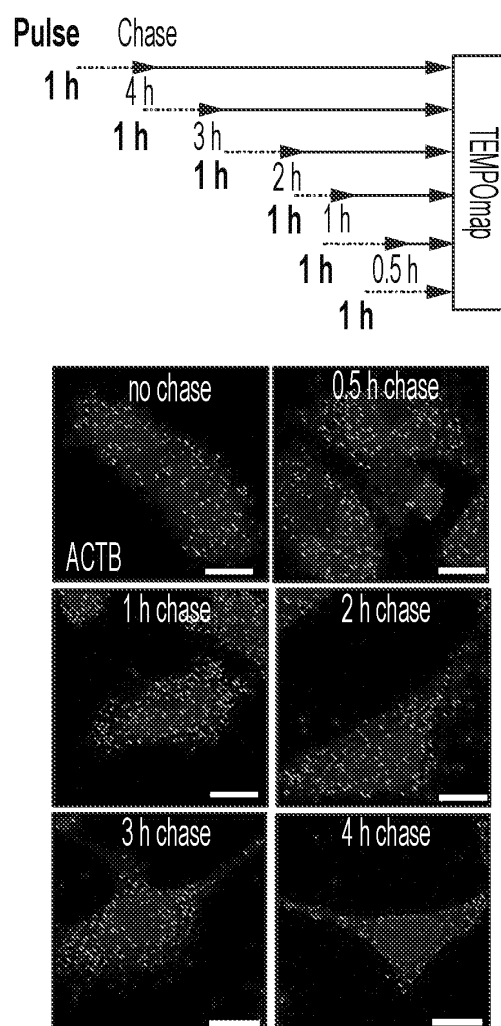


FIG. 14D

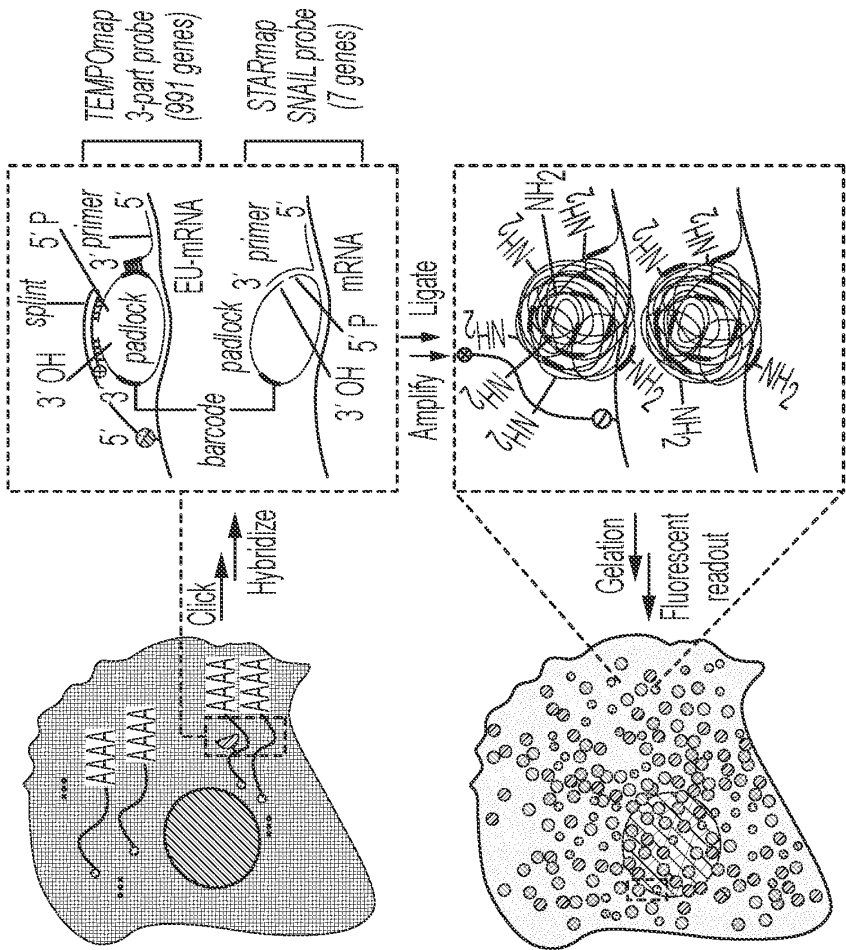


FIG. 14E

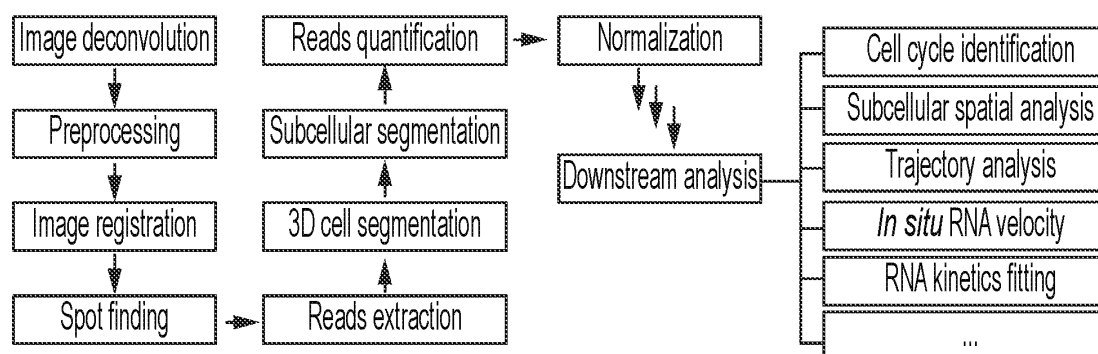


FIG. 15A

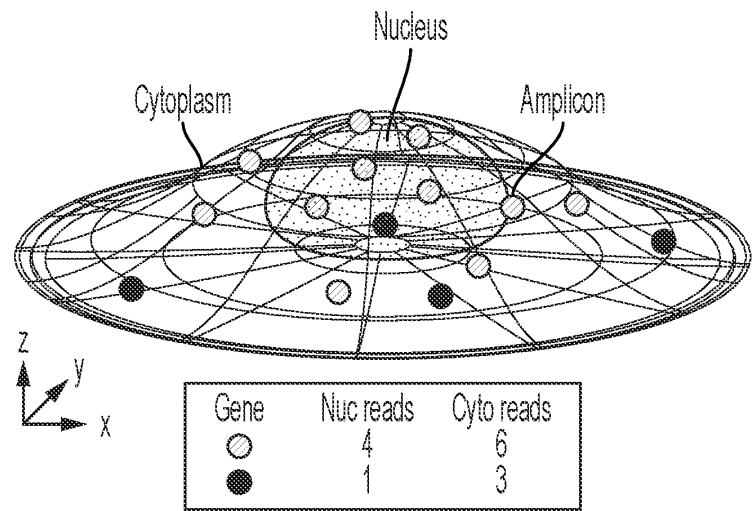


FIG. 15B

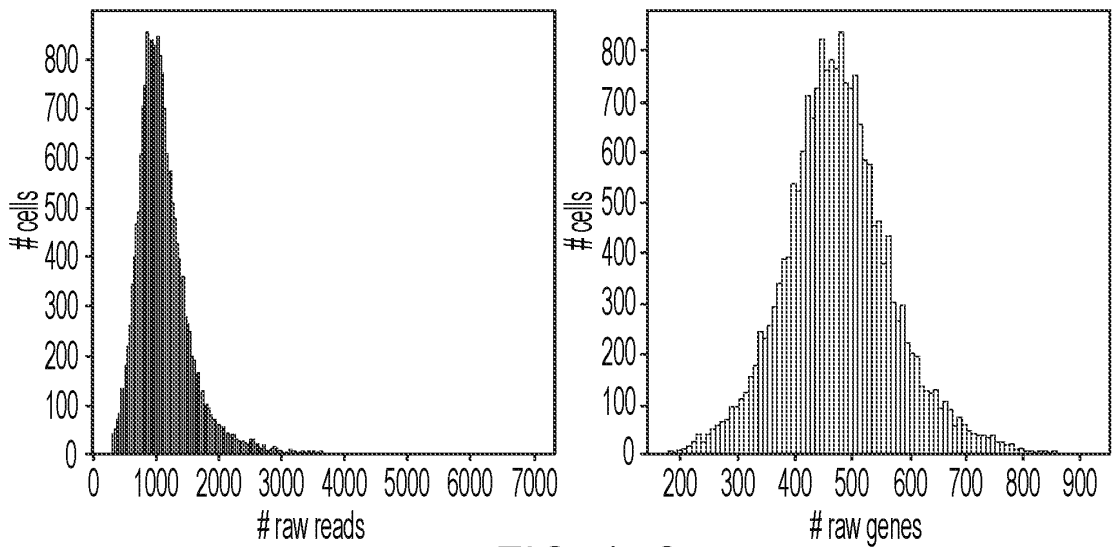


FIG. 15C

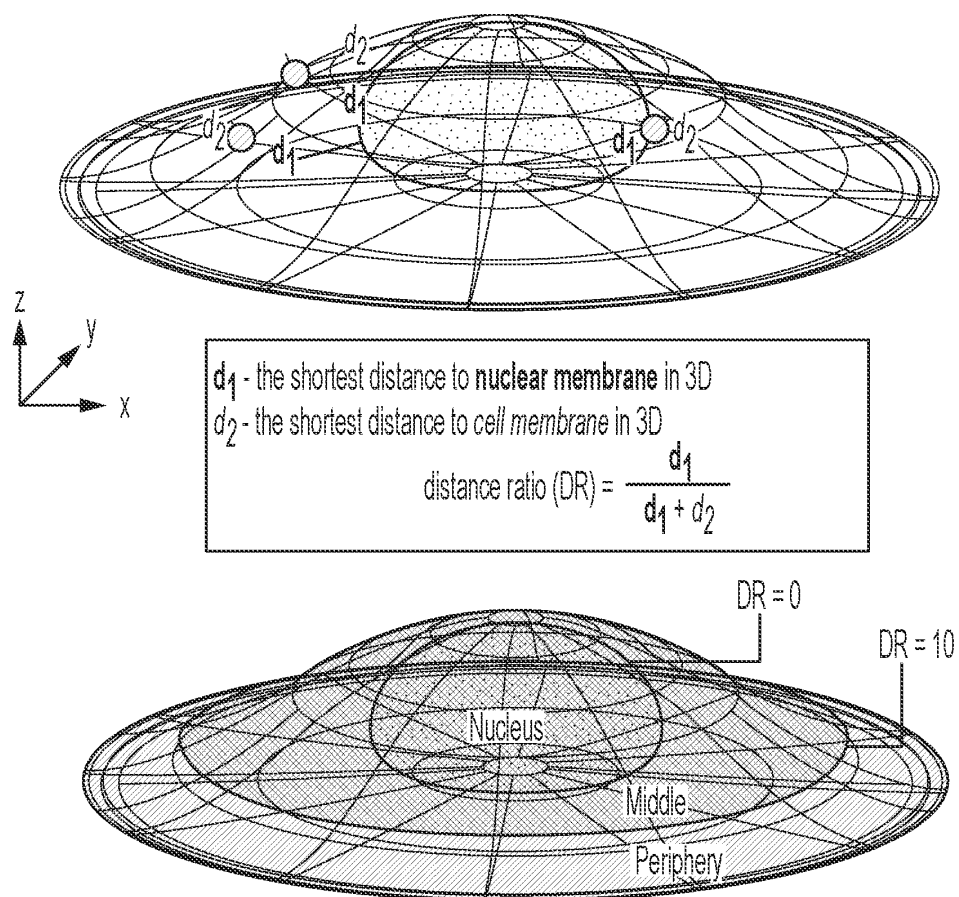


FIG. 15D

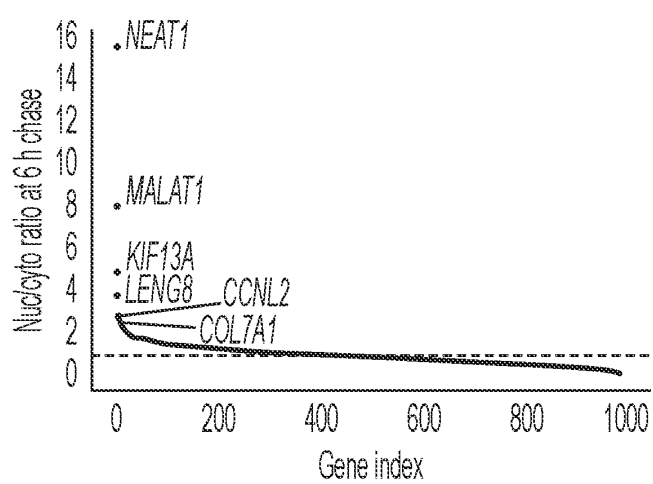


FIG. 16A

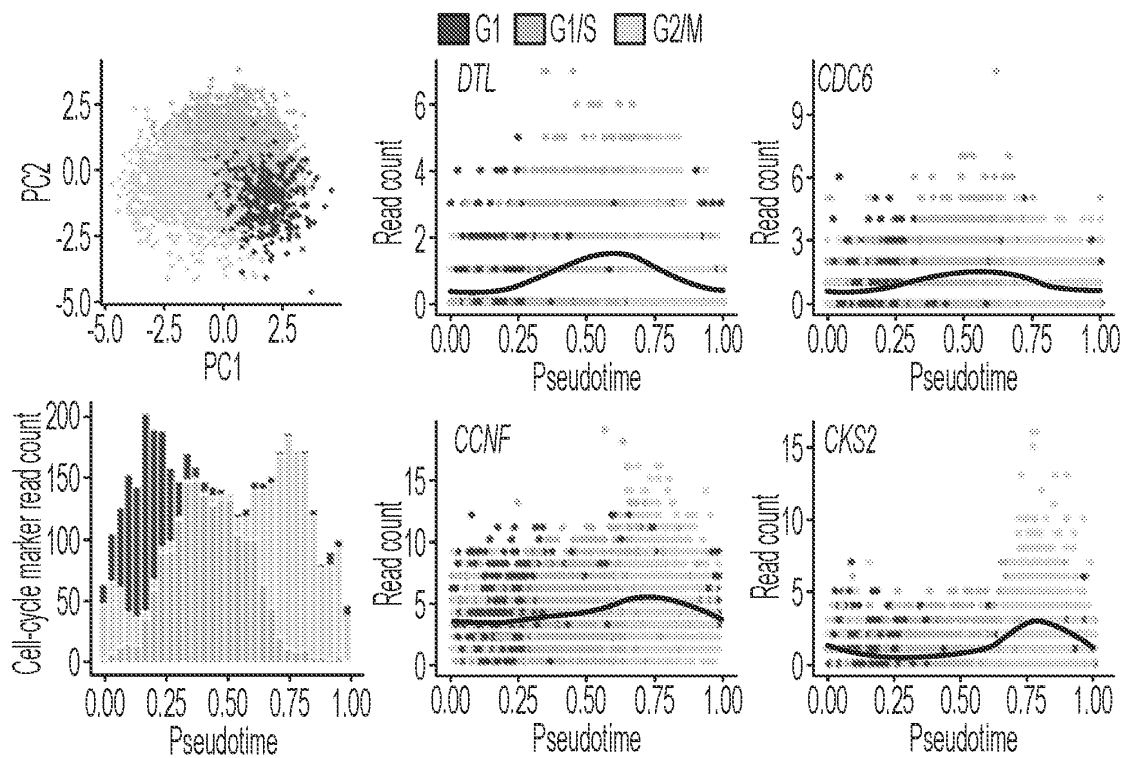


FIG. 16B

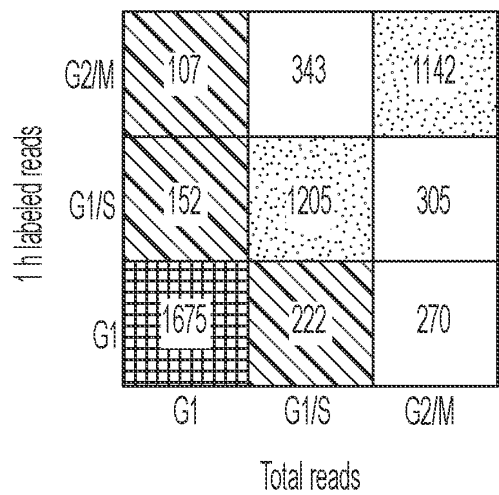


FIG. 16C

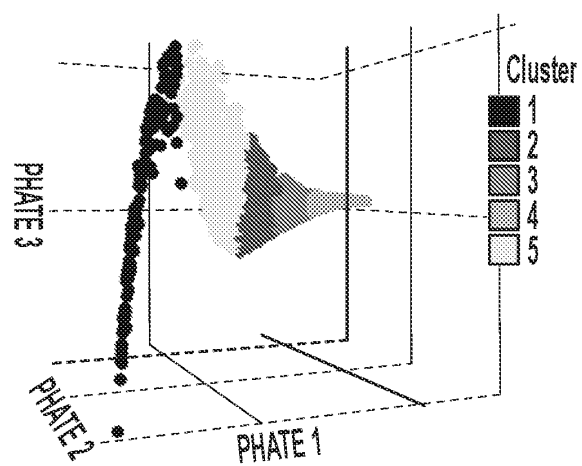


FIG. 16D

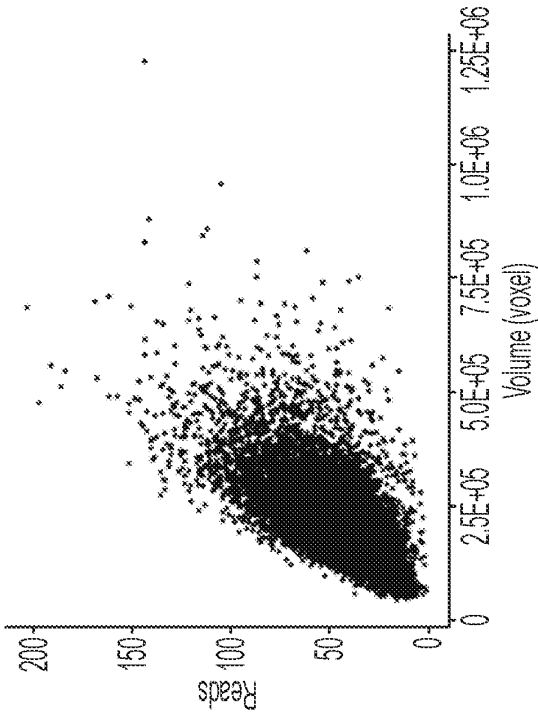


FIG. 17A

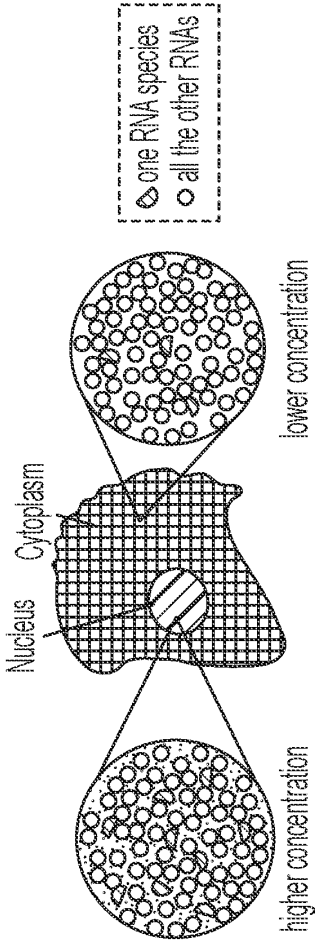
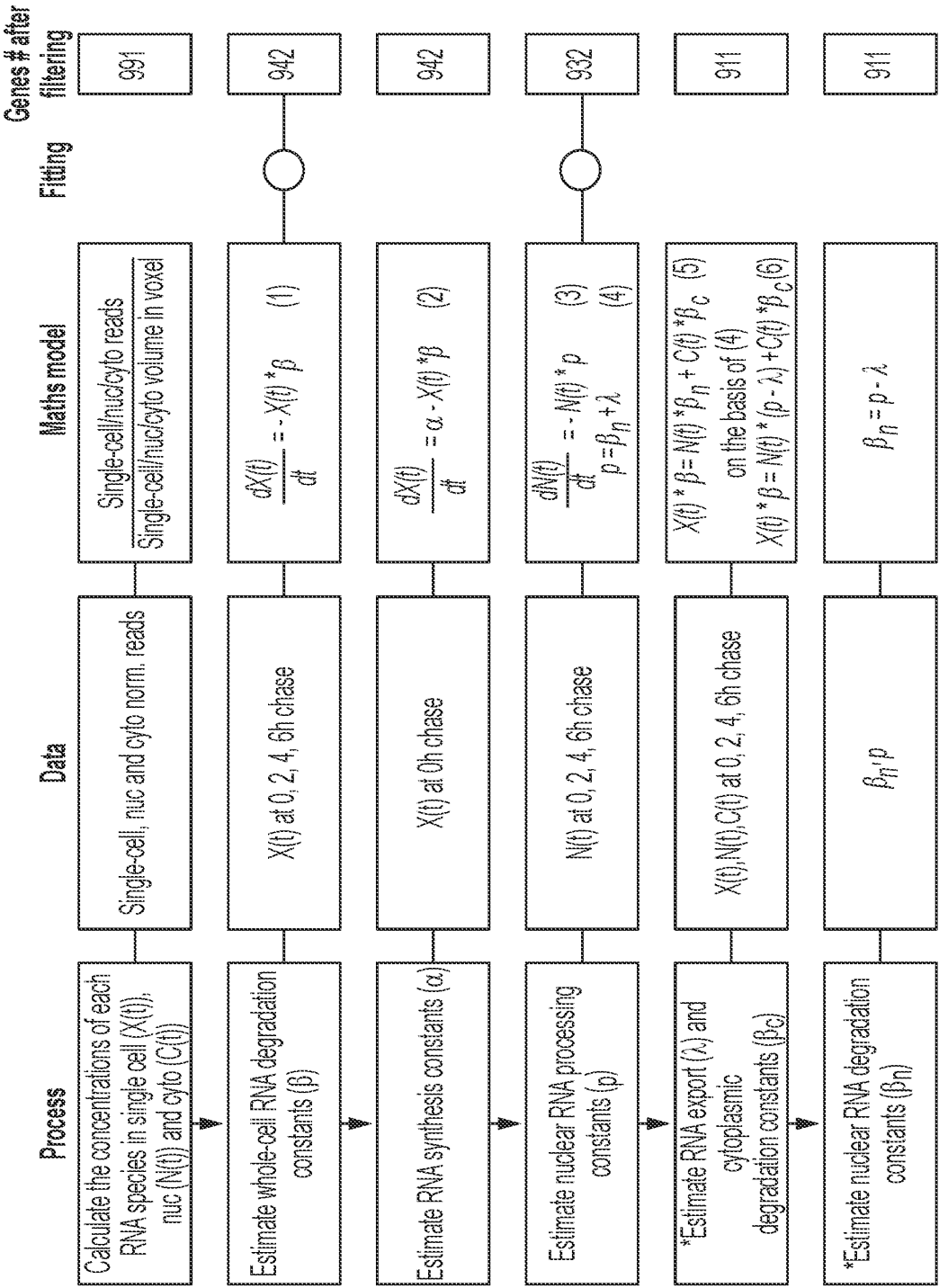


FIG. 17B



* $\beta_n = \beta_n, \beta_c = \beta_c$ for the purpose of clarity.

FIG. 17C

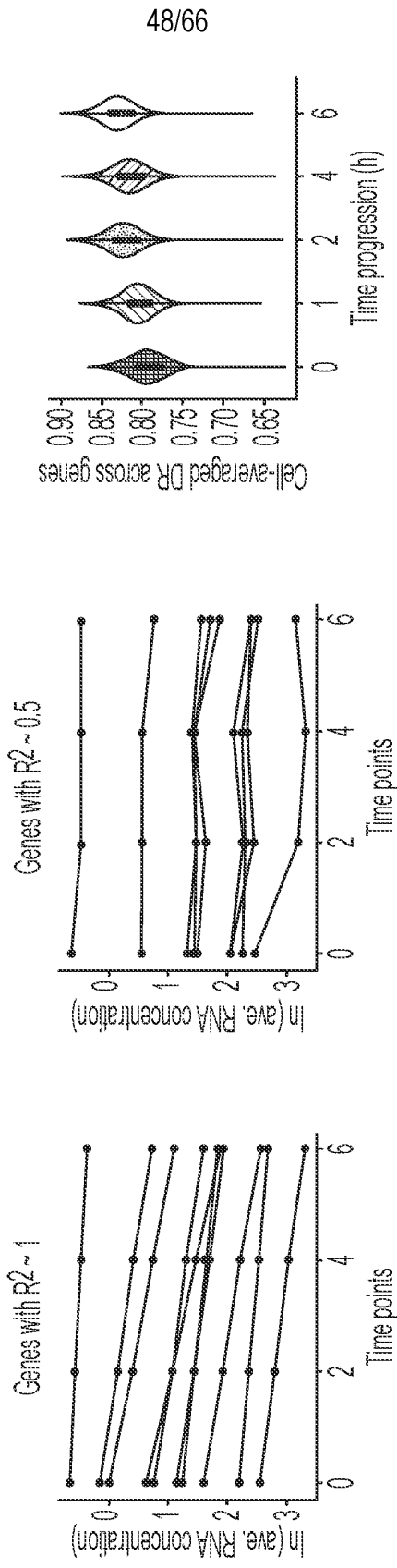


FIG. 17E

FIG. 17D

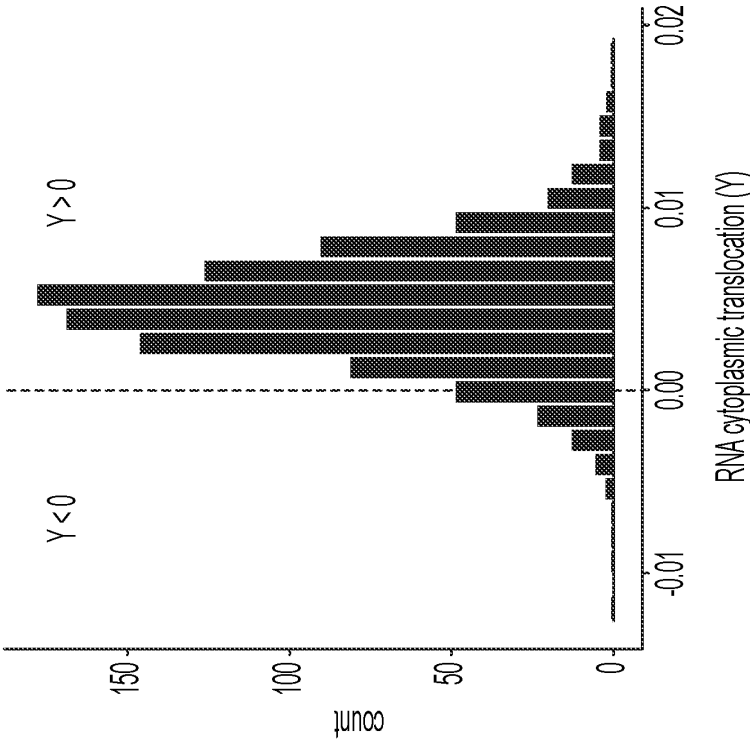


FIG. 17F

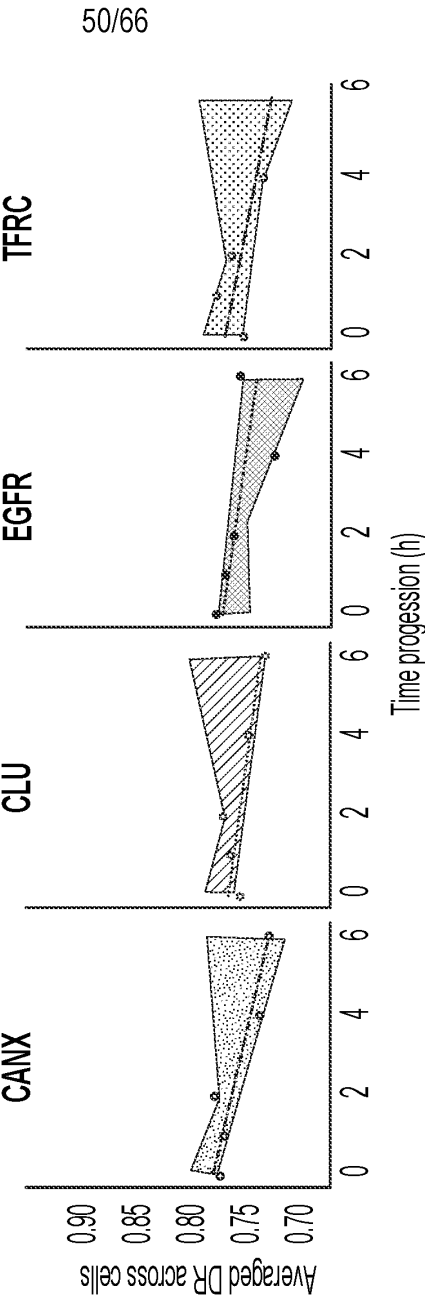


FIG. 17G

Y < 0, R² > 0.5 (12 genes)

Annotation cluster	P value
Extracellular exosome	3.4E-5
Membrane	9.4E-3

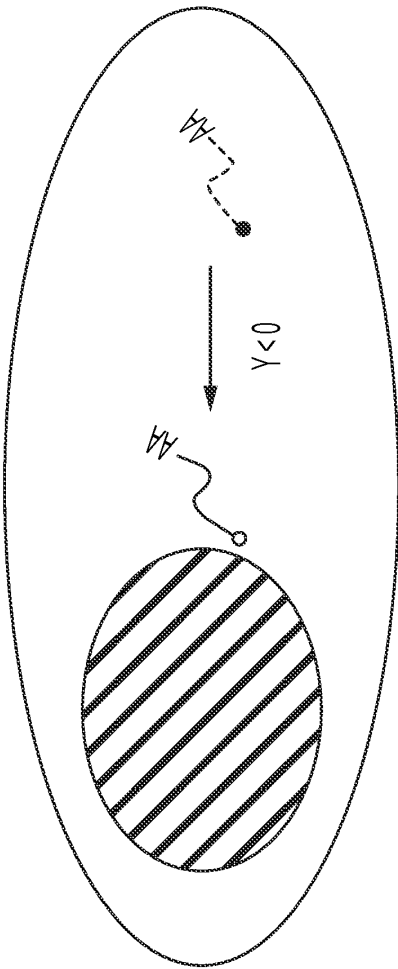


FIG. 17H

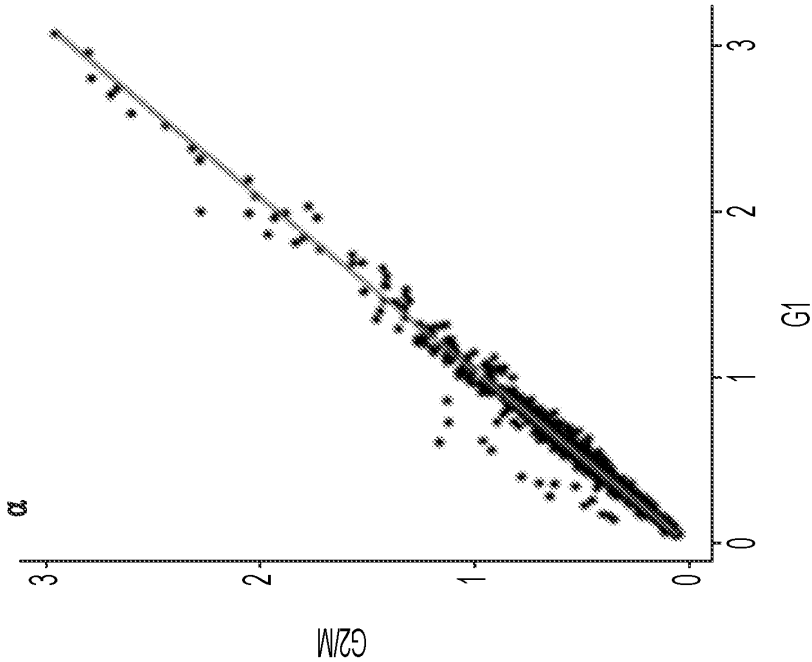


FIG. 18A

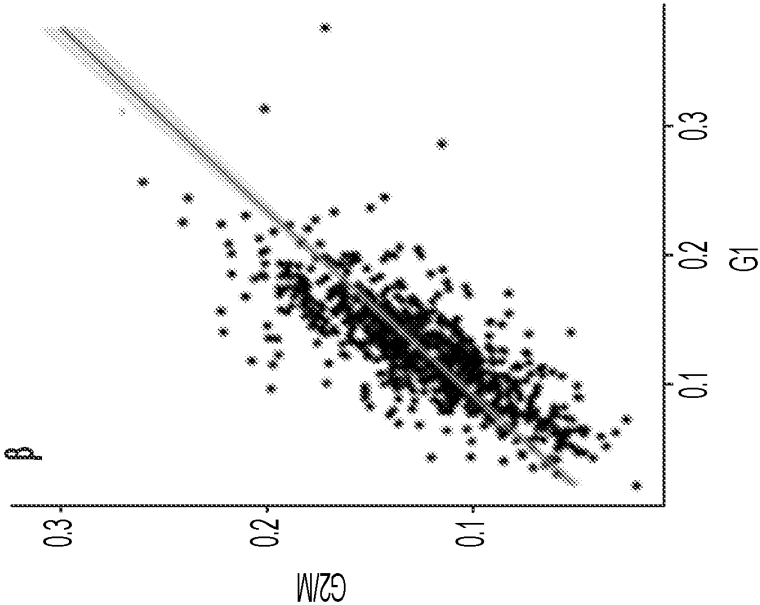


FIG. 18B

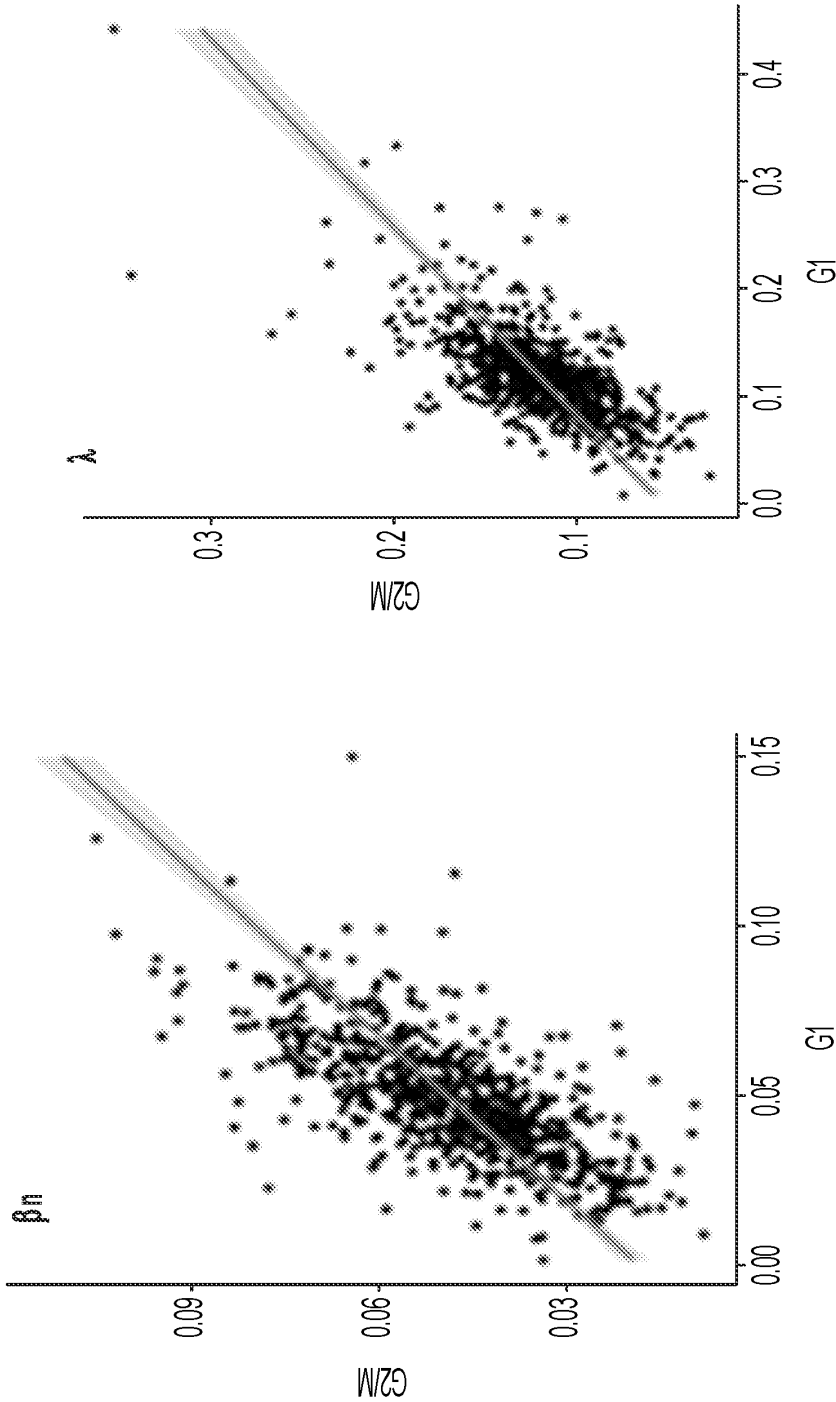


FIG. 18D

FIG. 18C

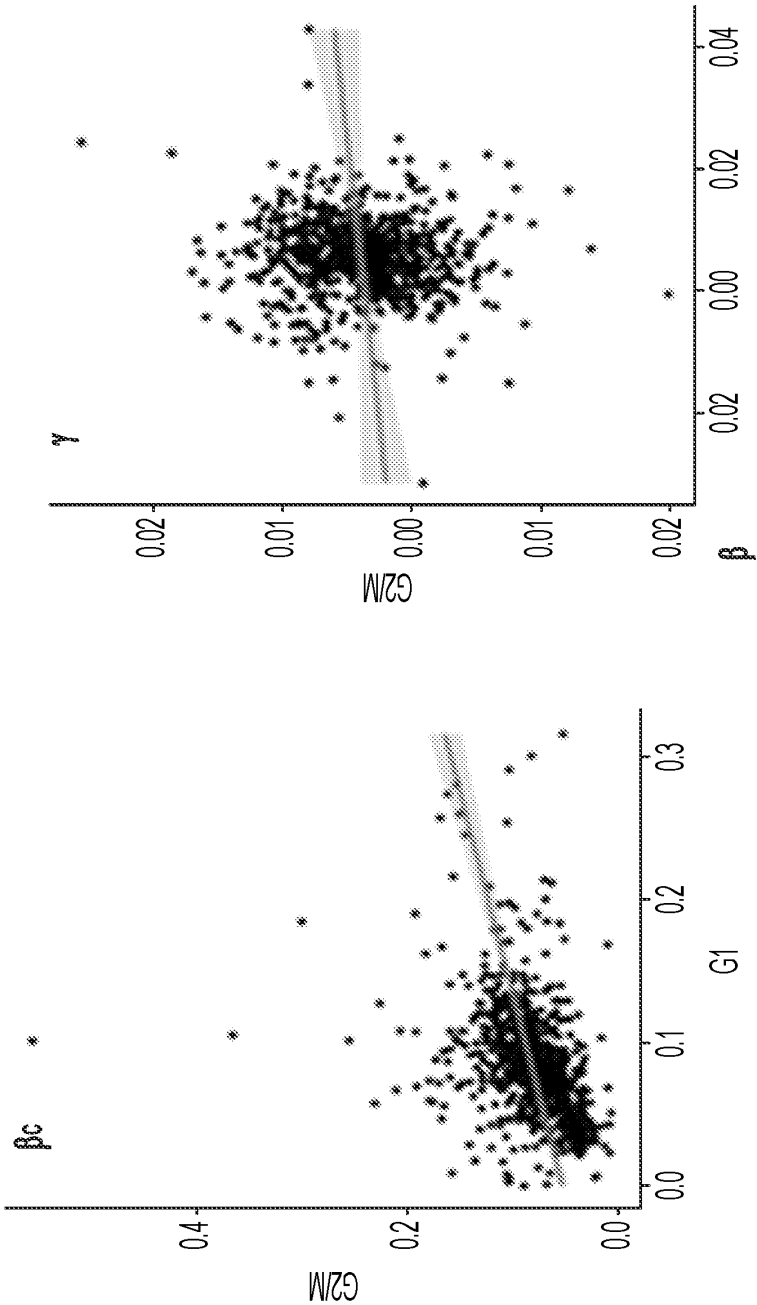


FIG. 18F

FIG. 18E

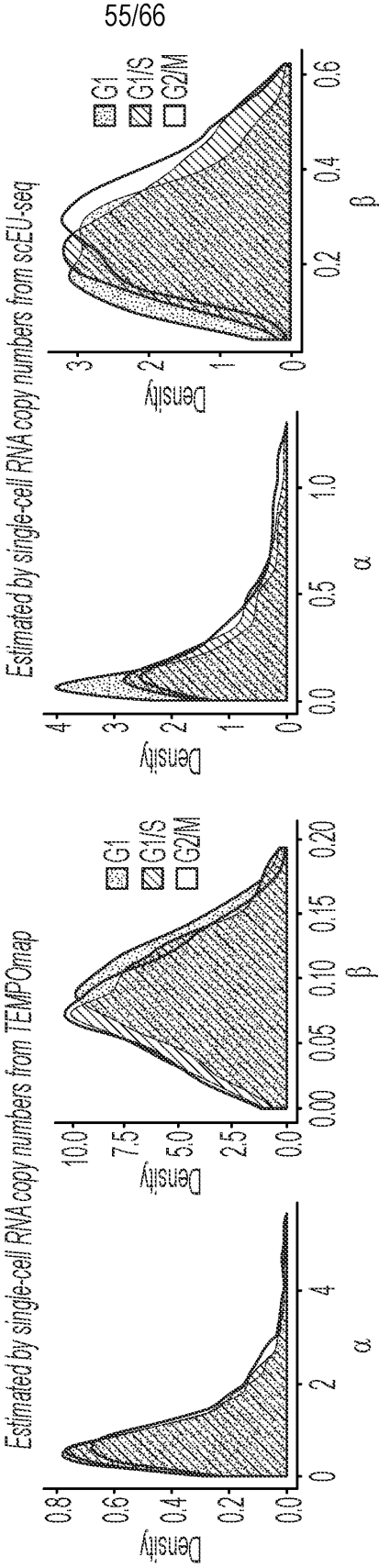


FIG. 18G

FIG. 18H

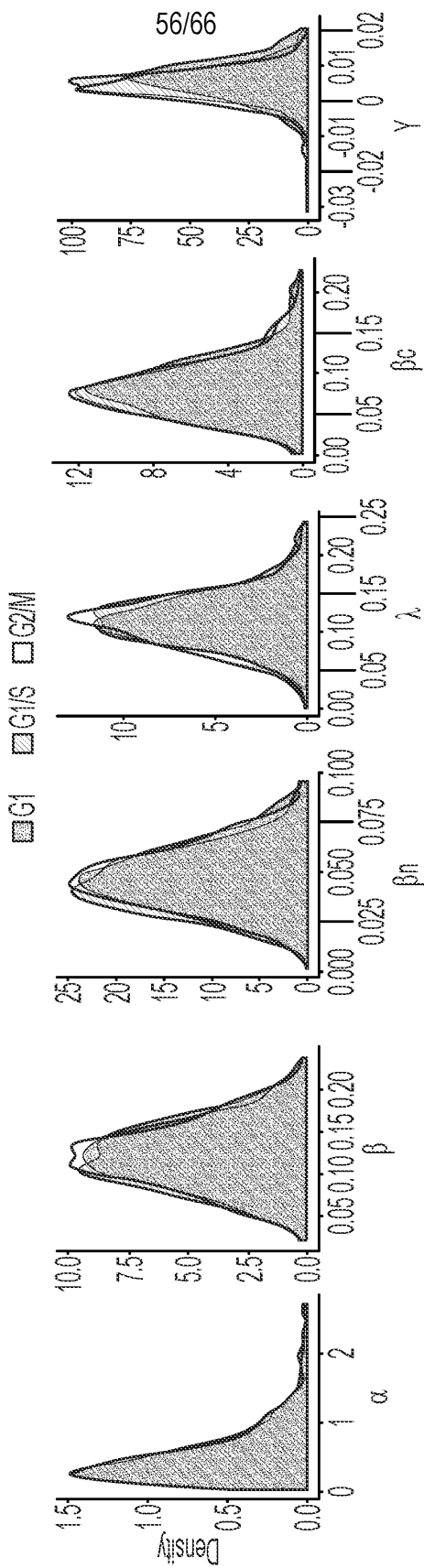


FIG. 18I

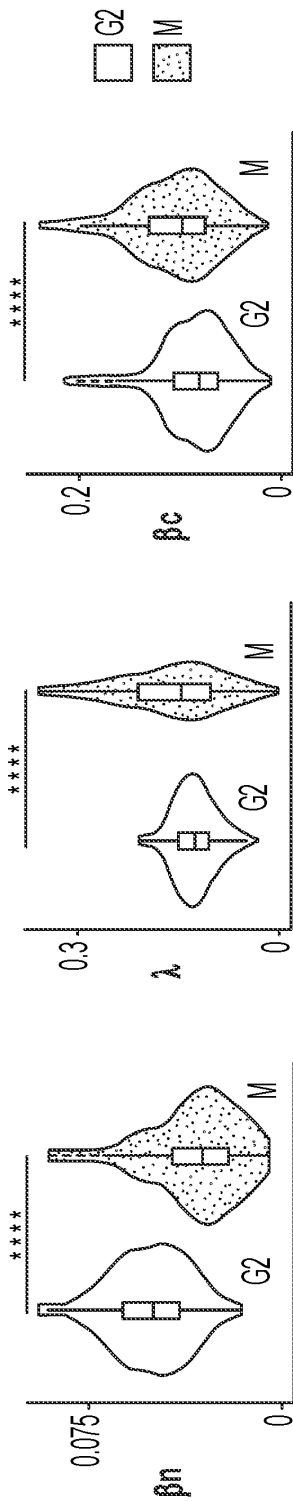


FIG. 18J

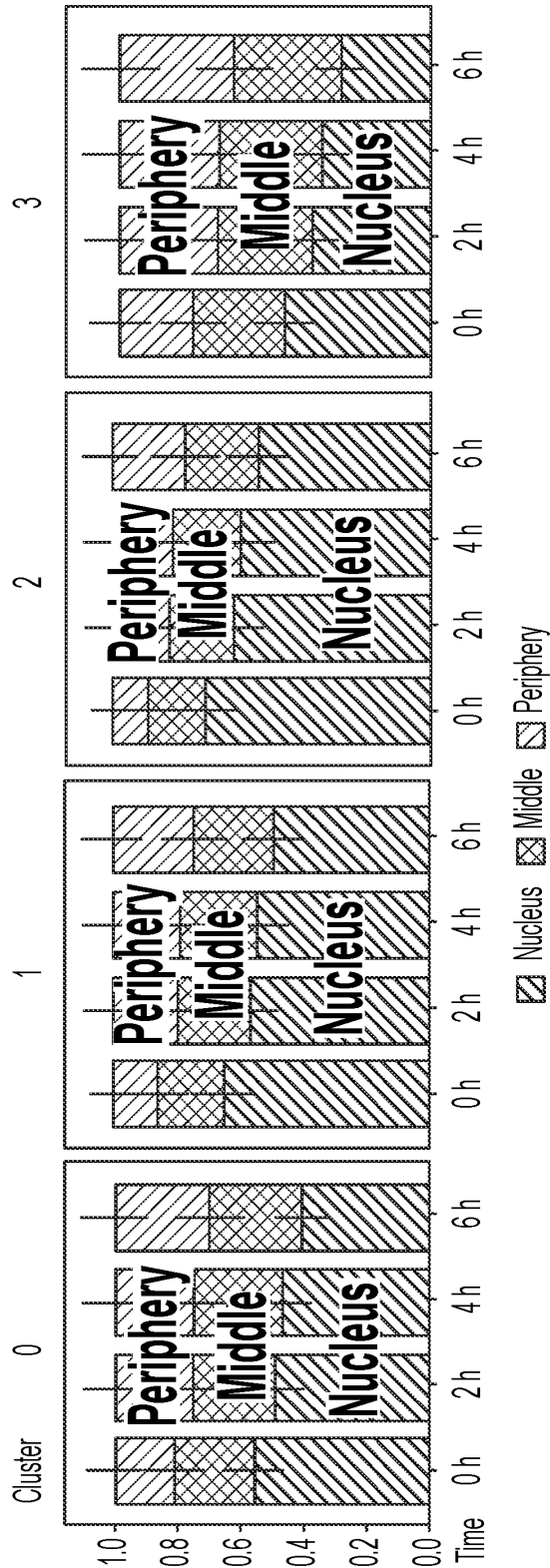


FIG. 18K

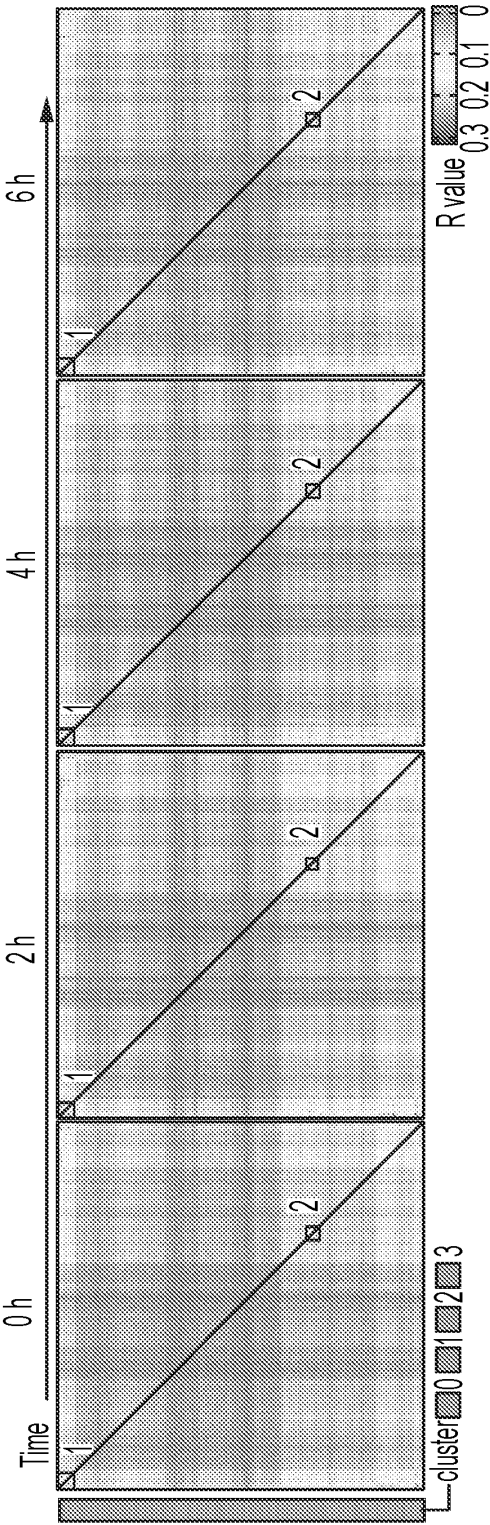


FIG. 19A

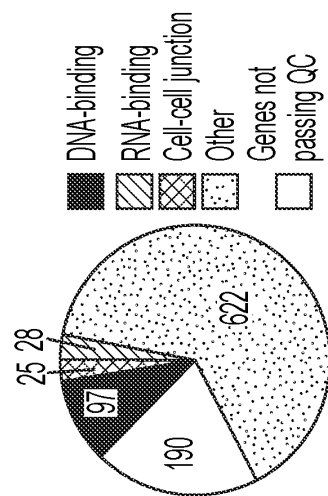


FIG. 19B

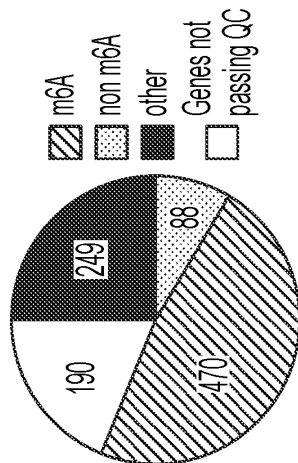


FIG. 19C

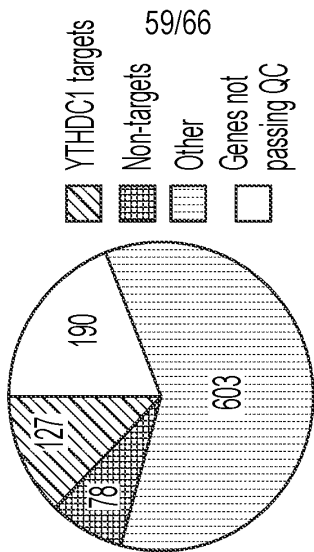


FIG. 19D

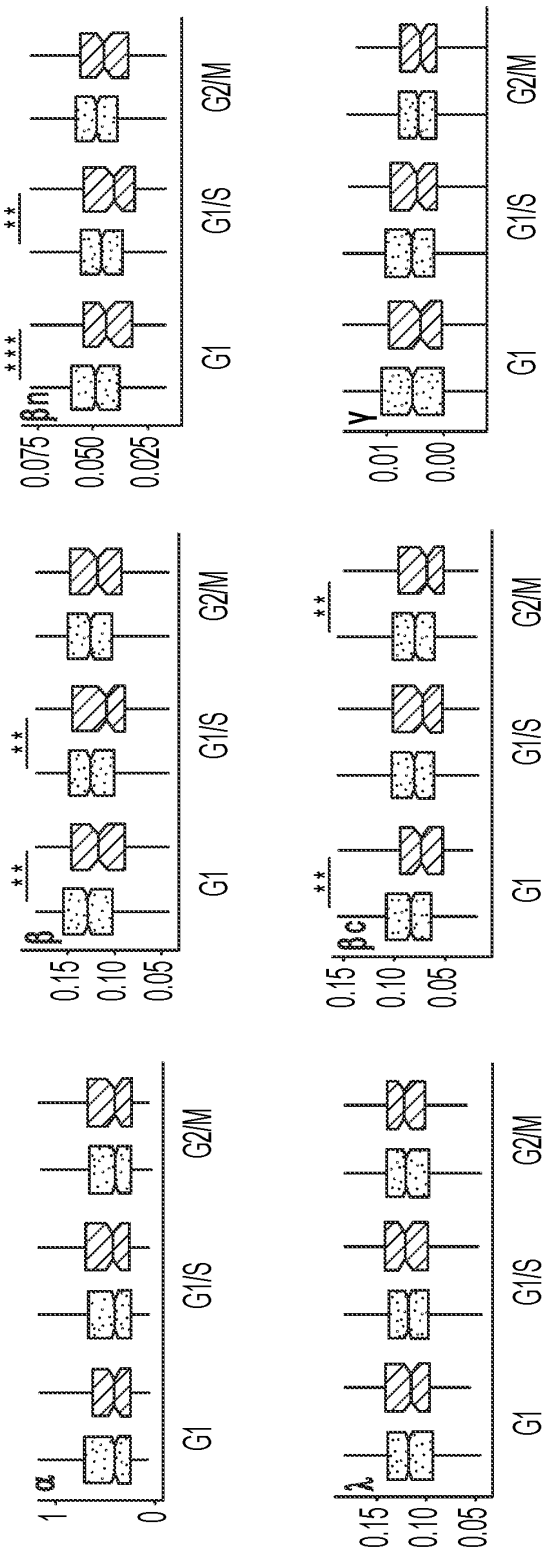


FIG. 19E

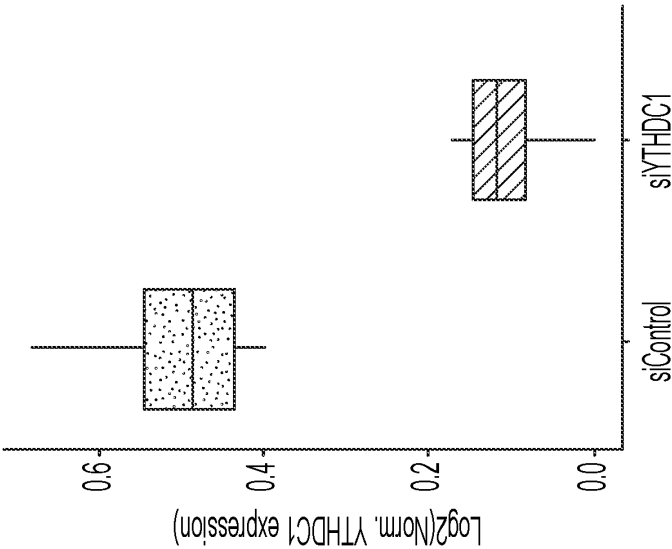


FIG. 19F

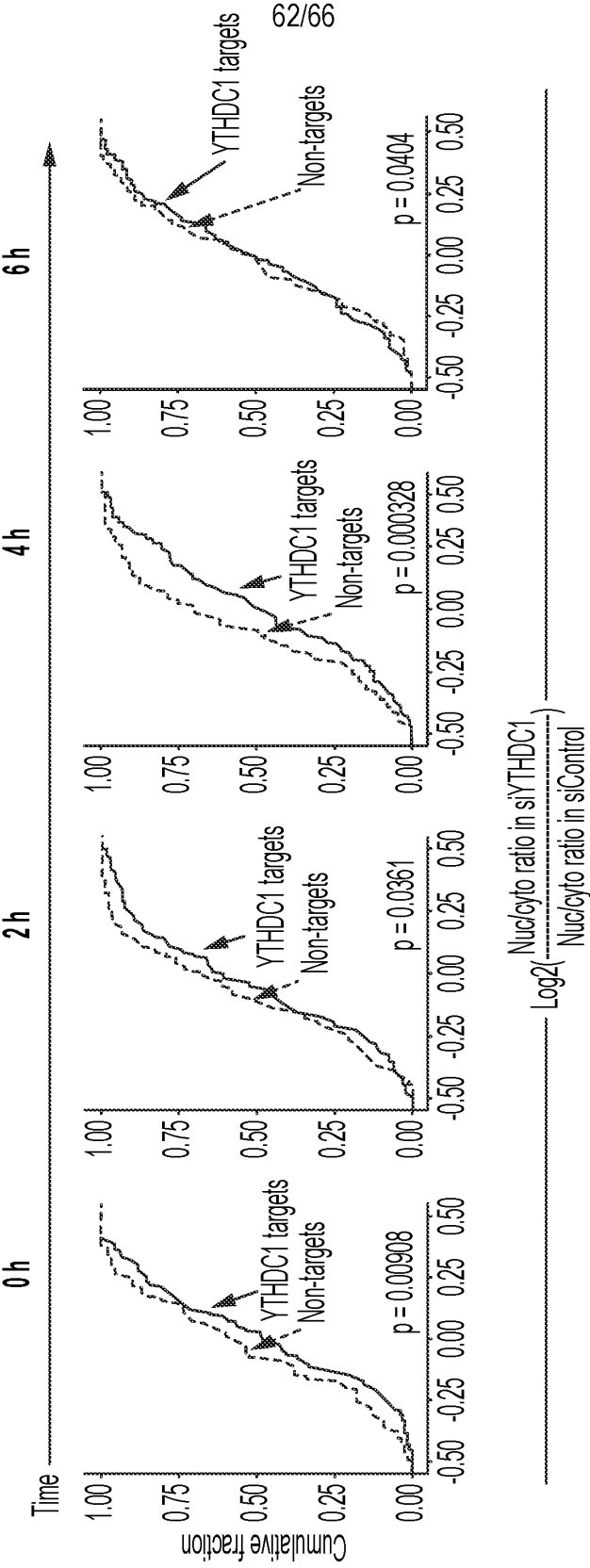


FIG. 19G

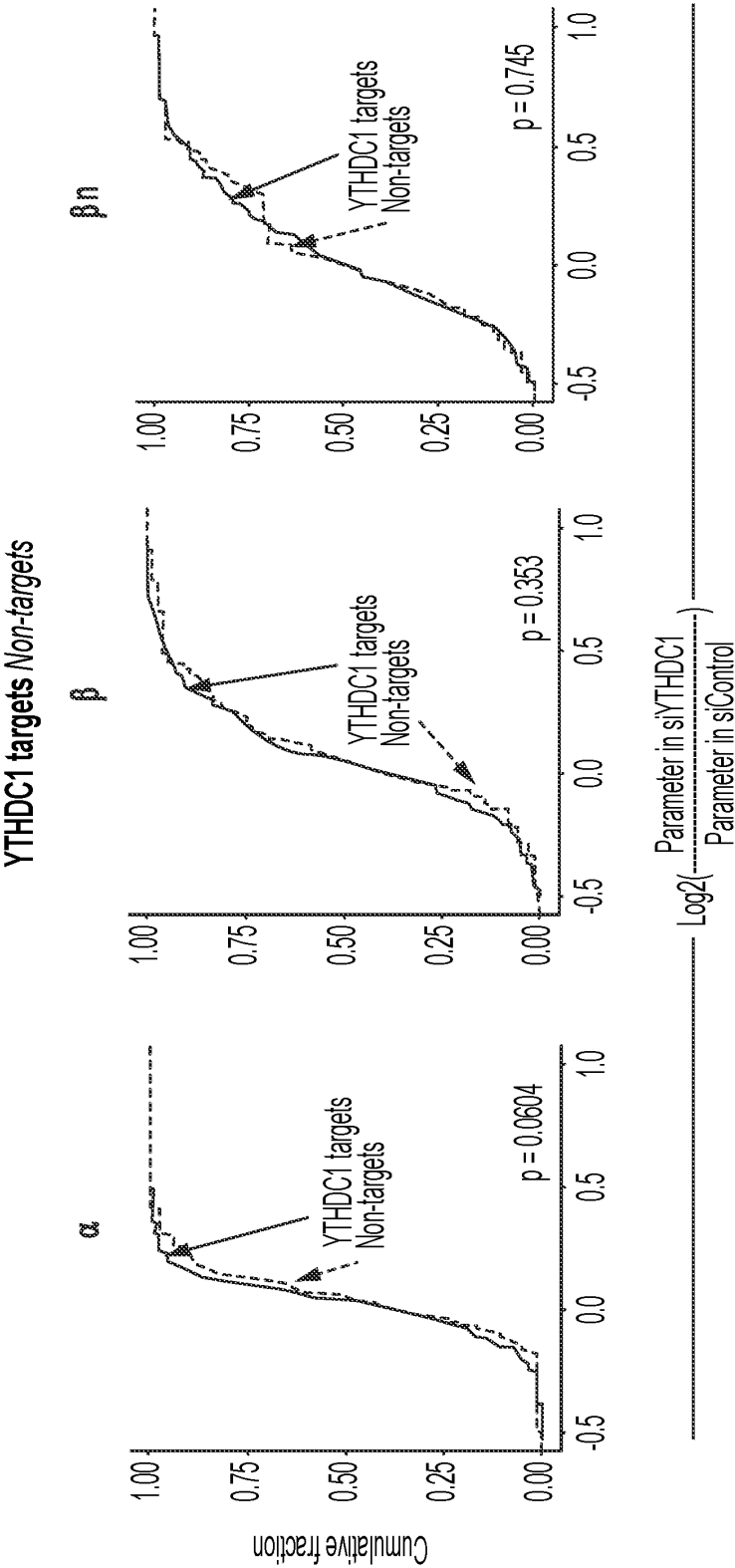


FIG. 19H

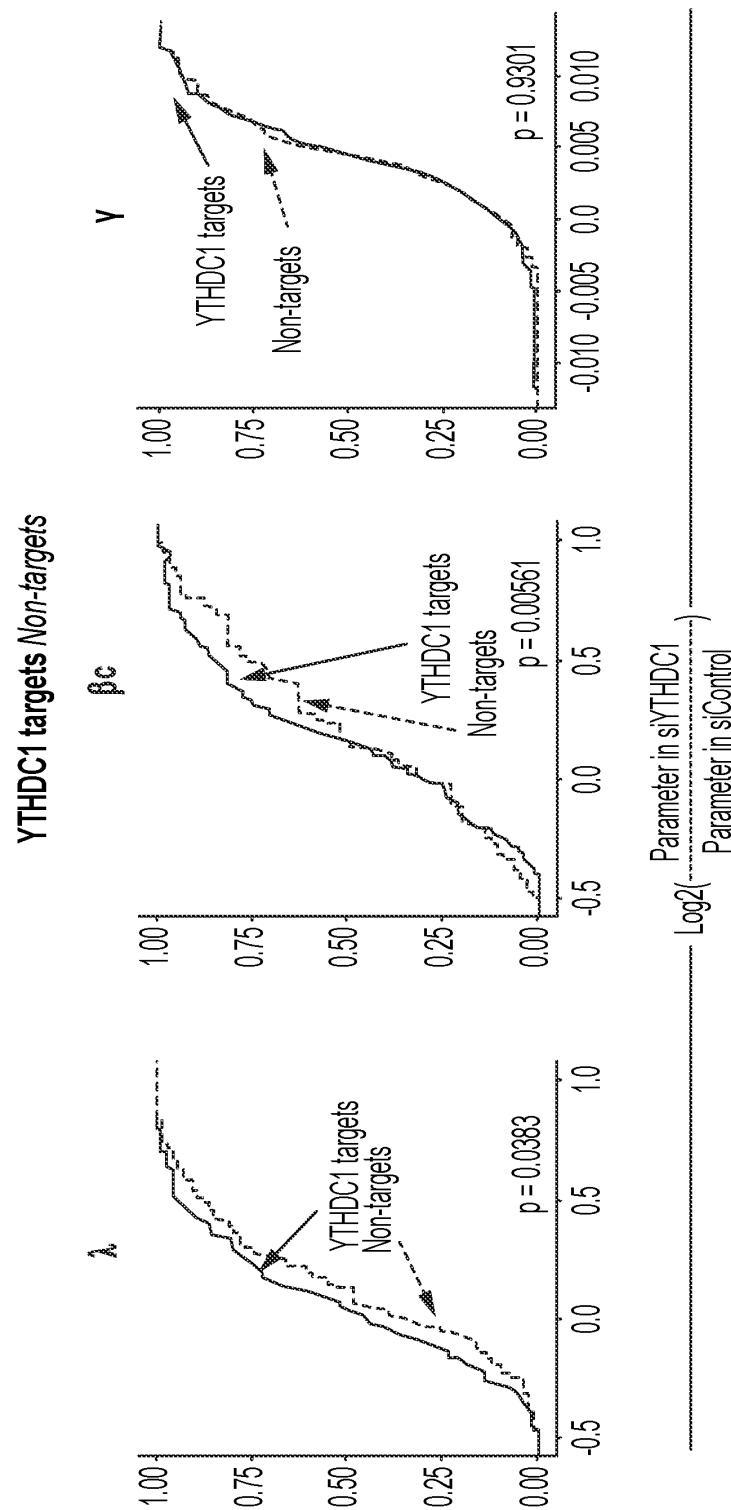


FIG. 19H
CONTINUED

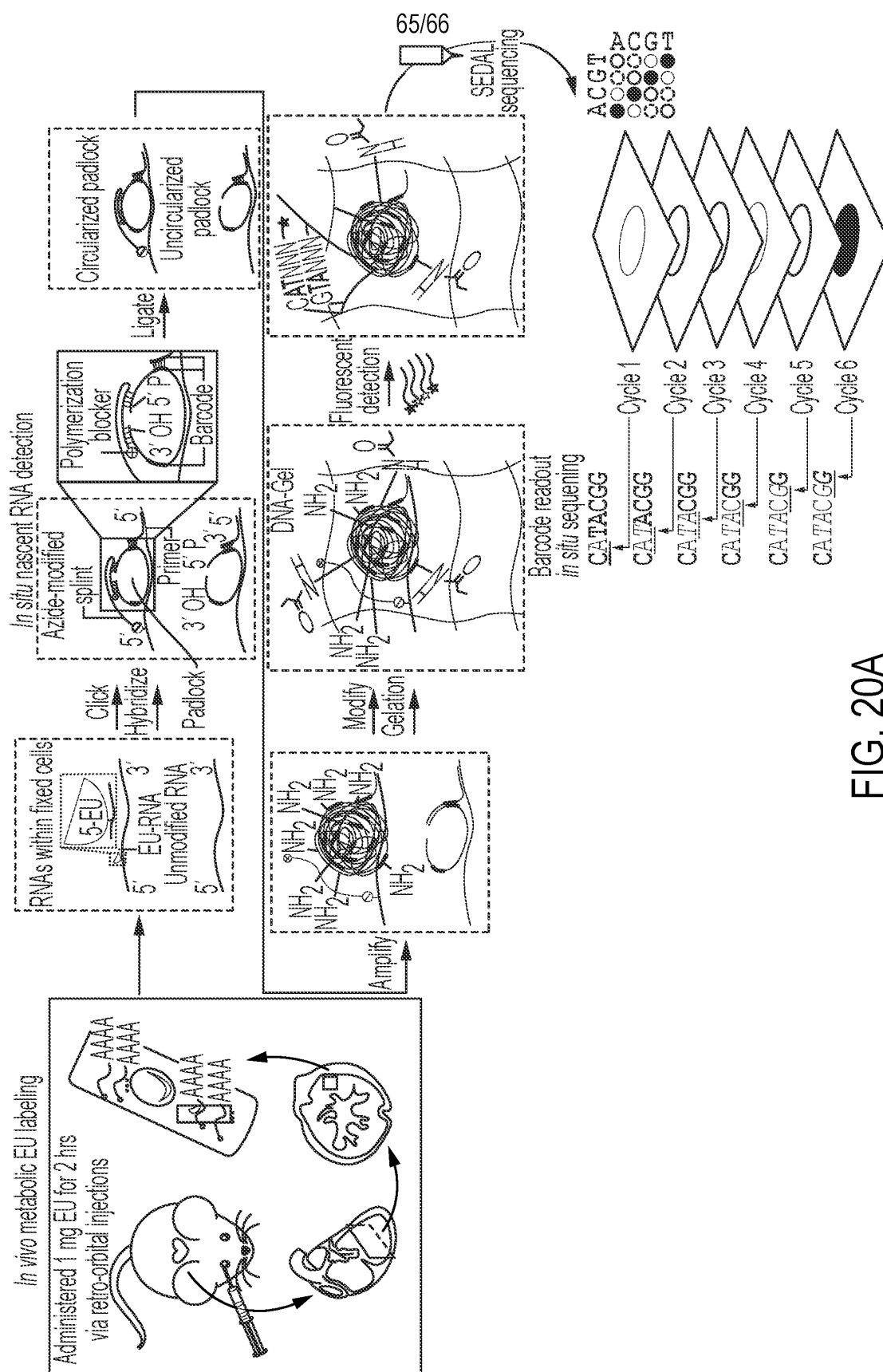


FIG. 20A

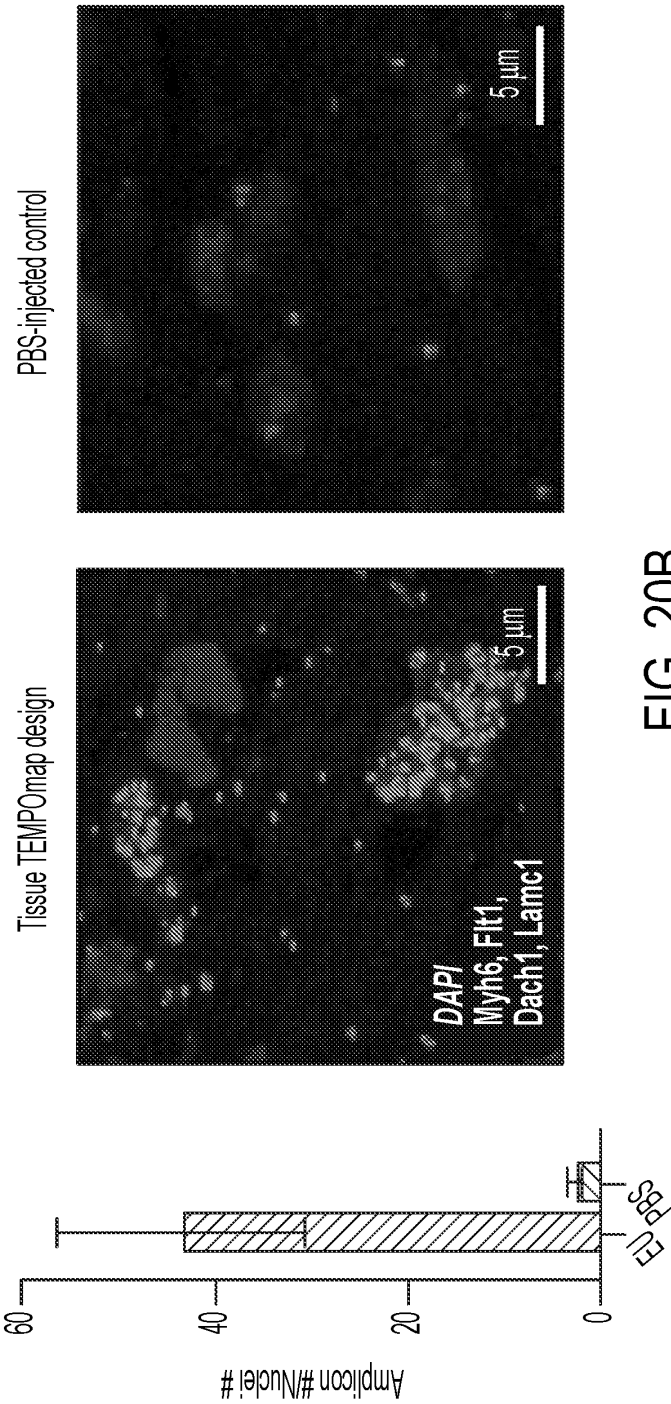


FIG. 20B