

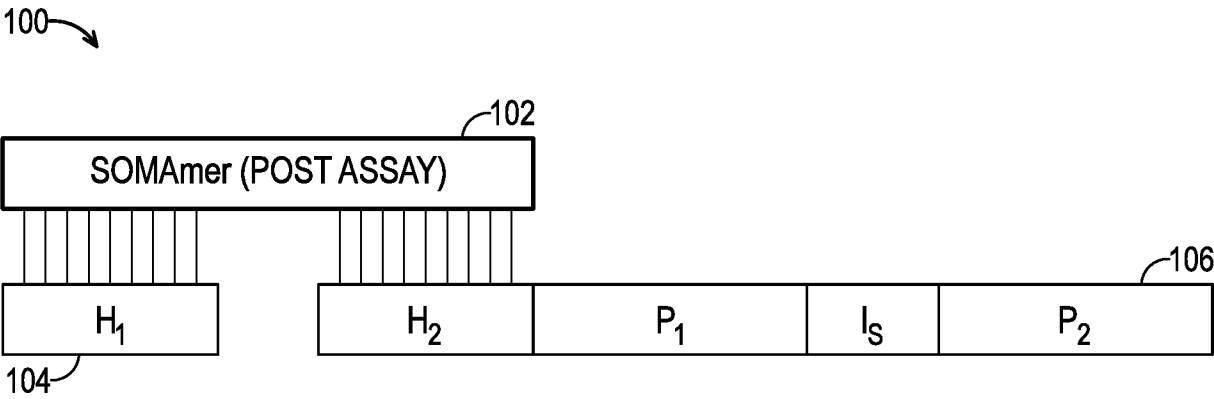


FIG. 1

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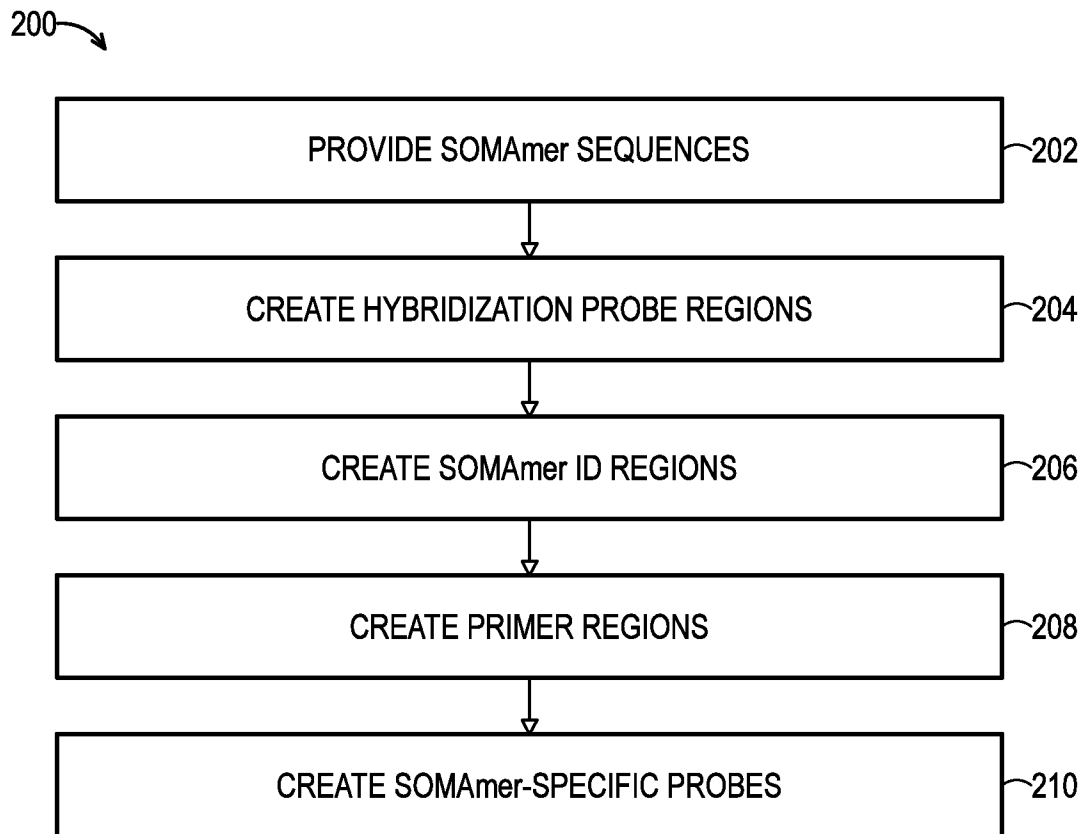


FIG. 2A

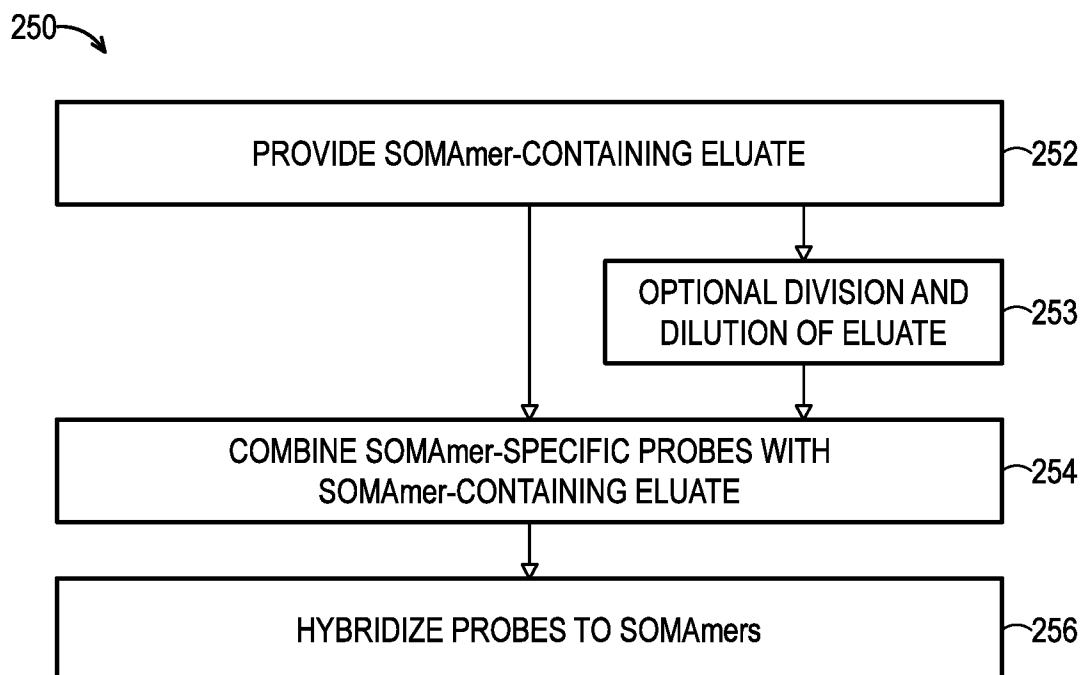


FIG. 2B

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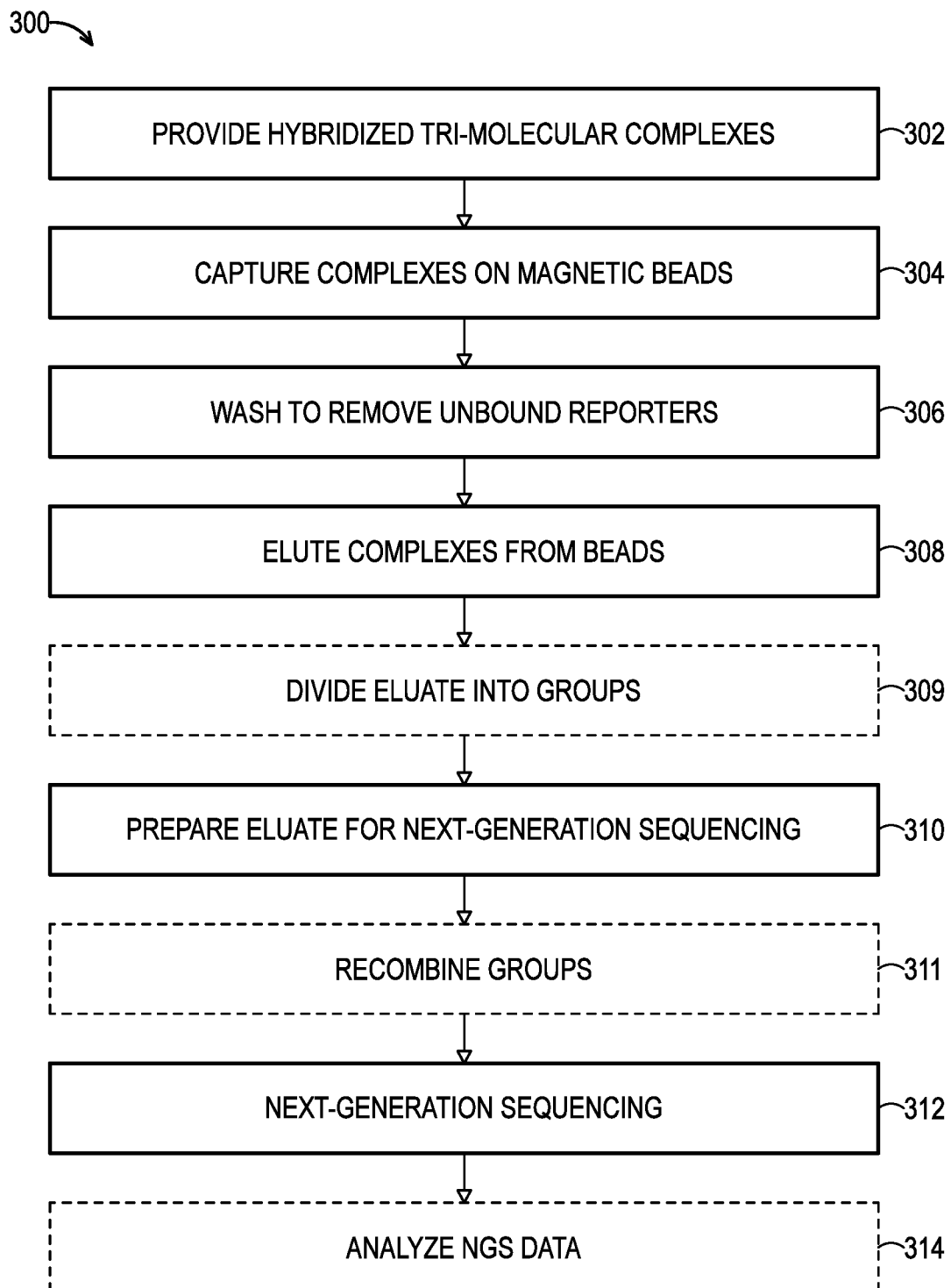


FIG. 3A

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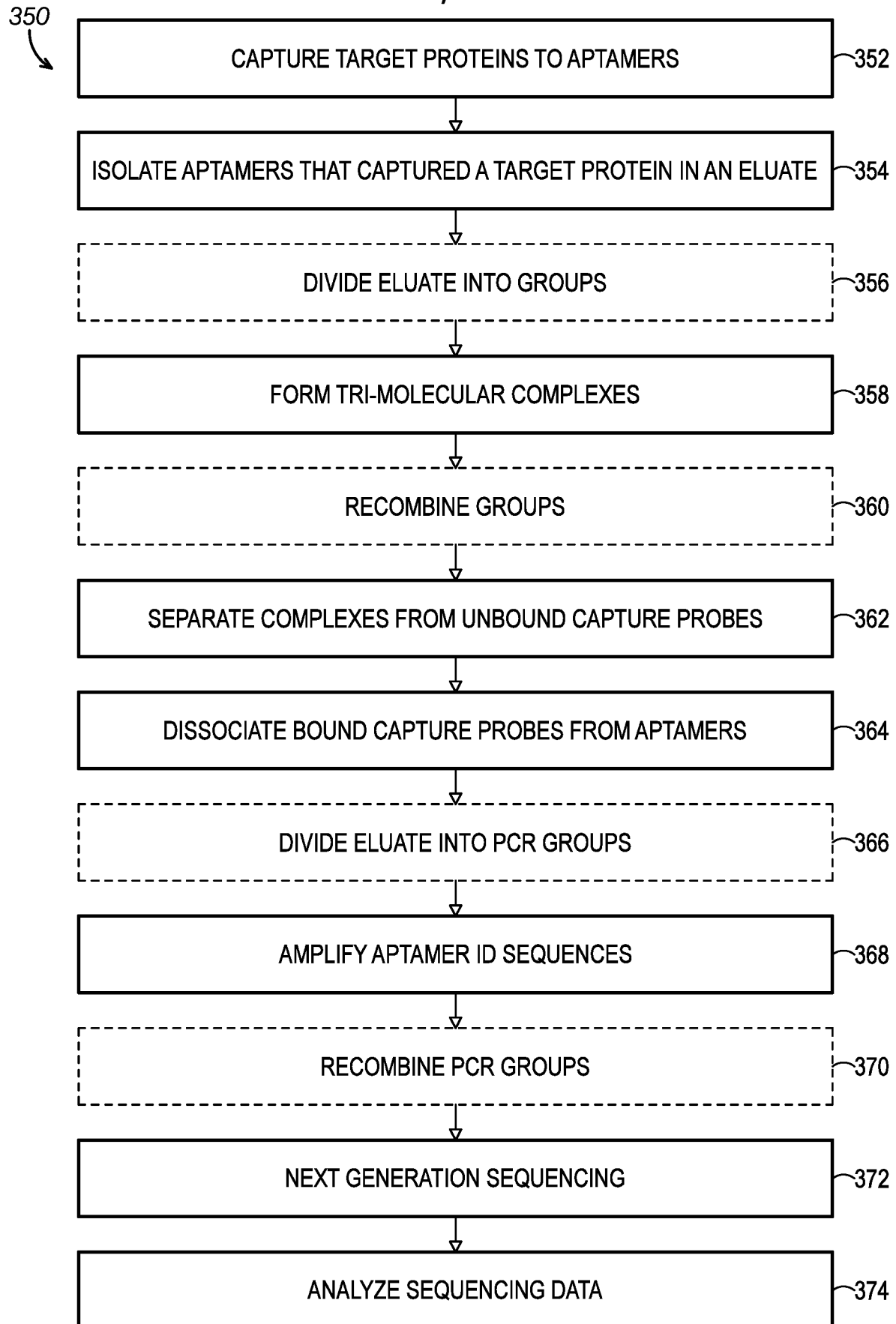


FIG. 3B

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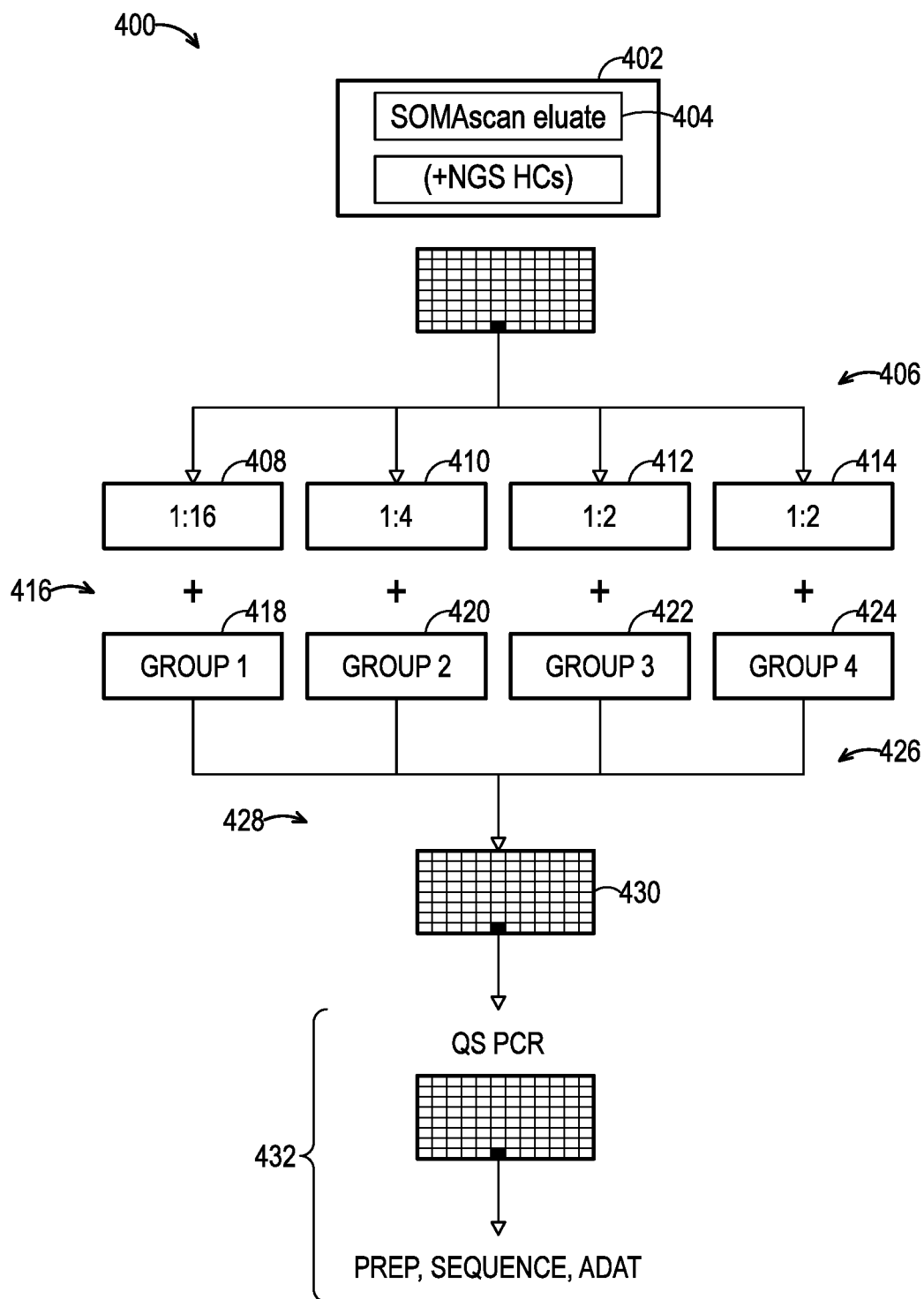


FIG. 4

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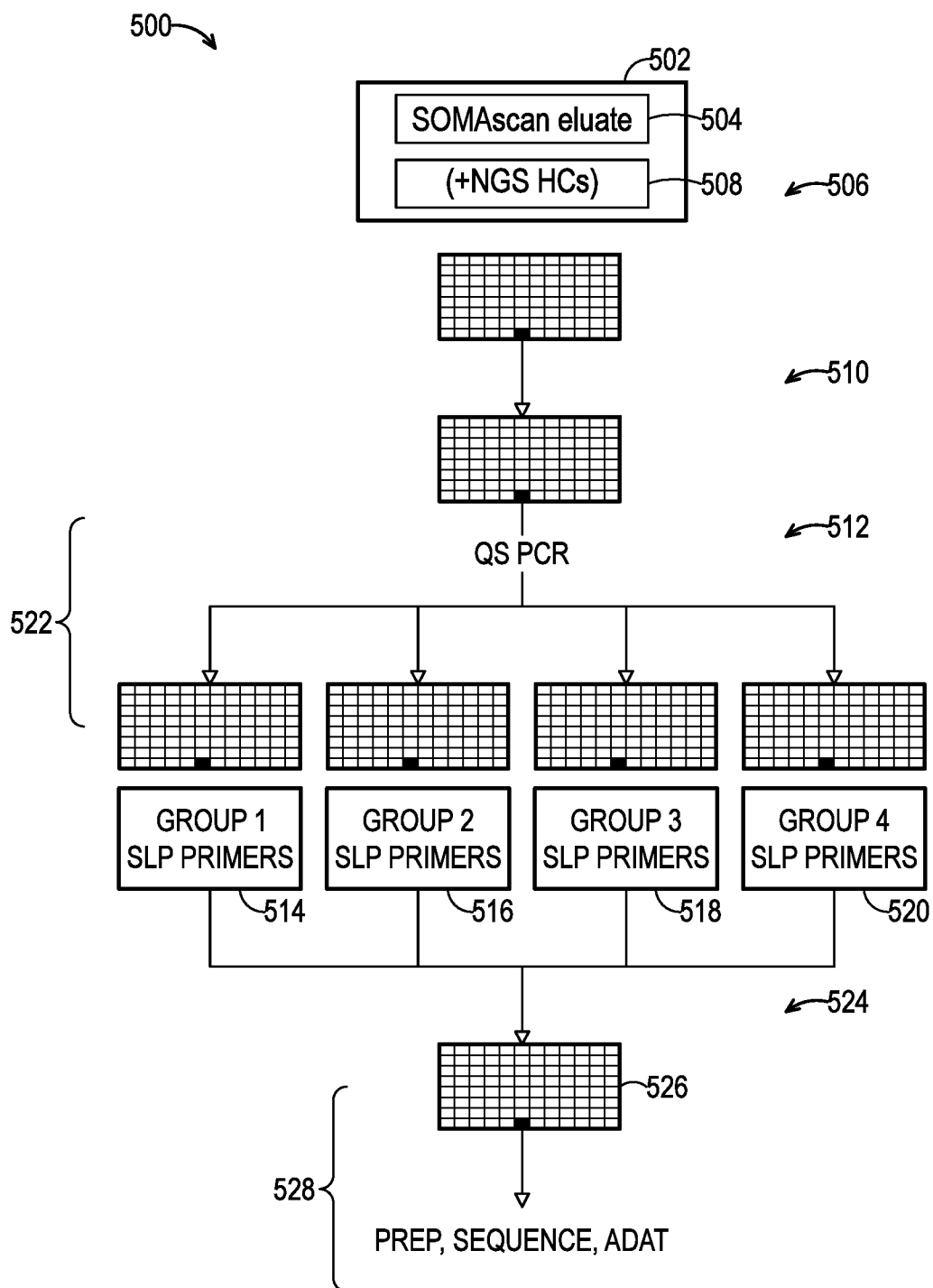


FIG. 5

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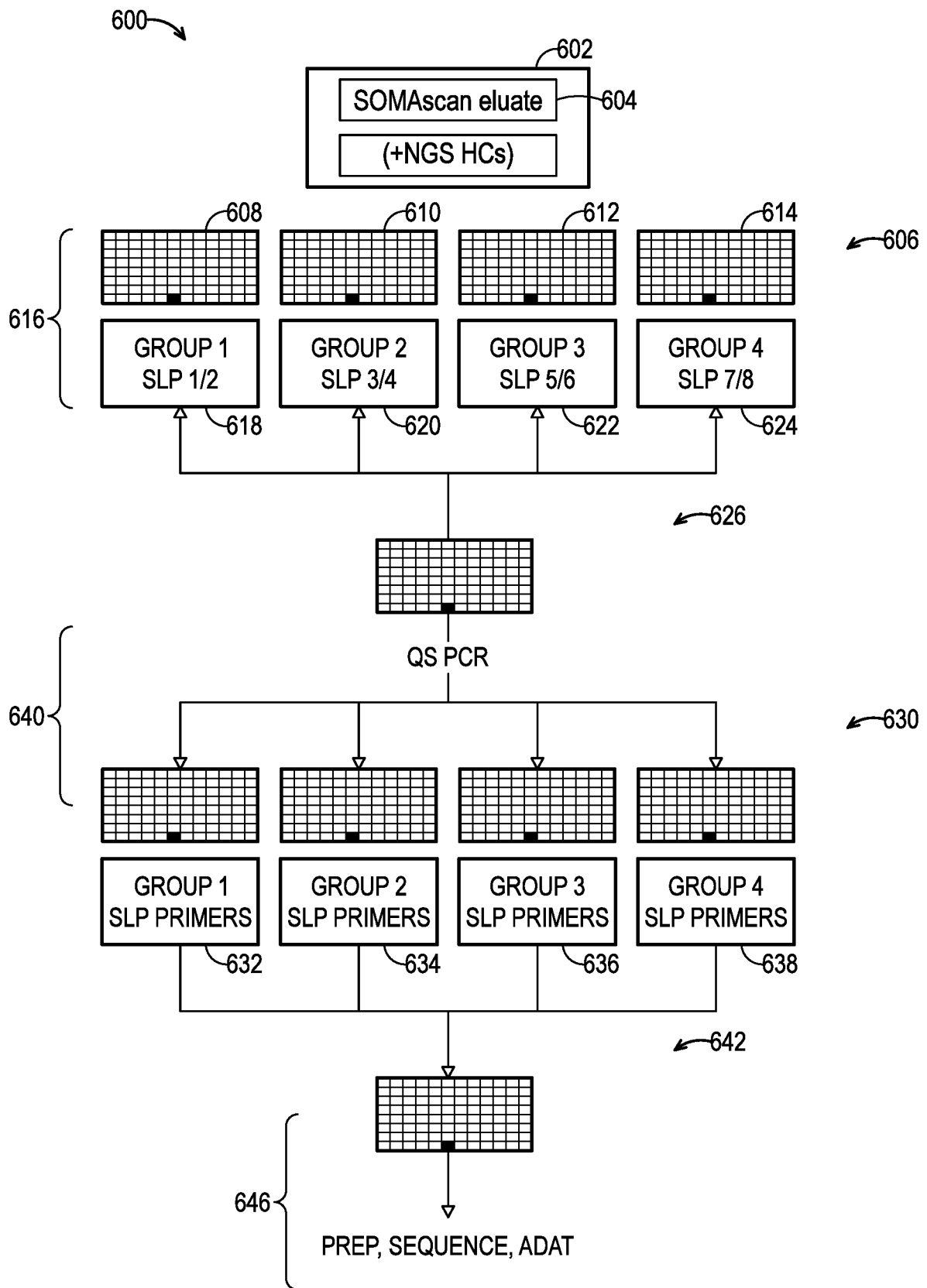


FIG. 6

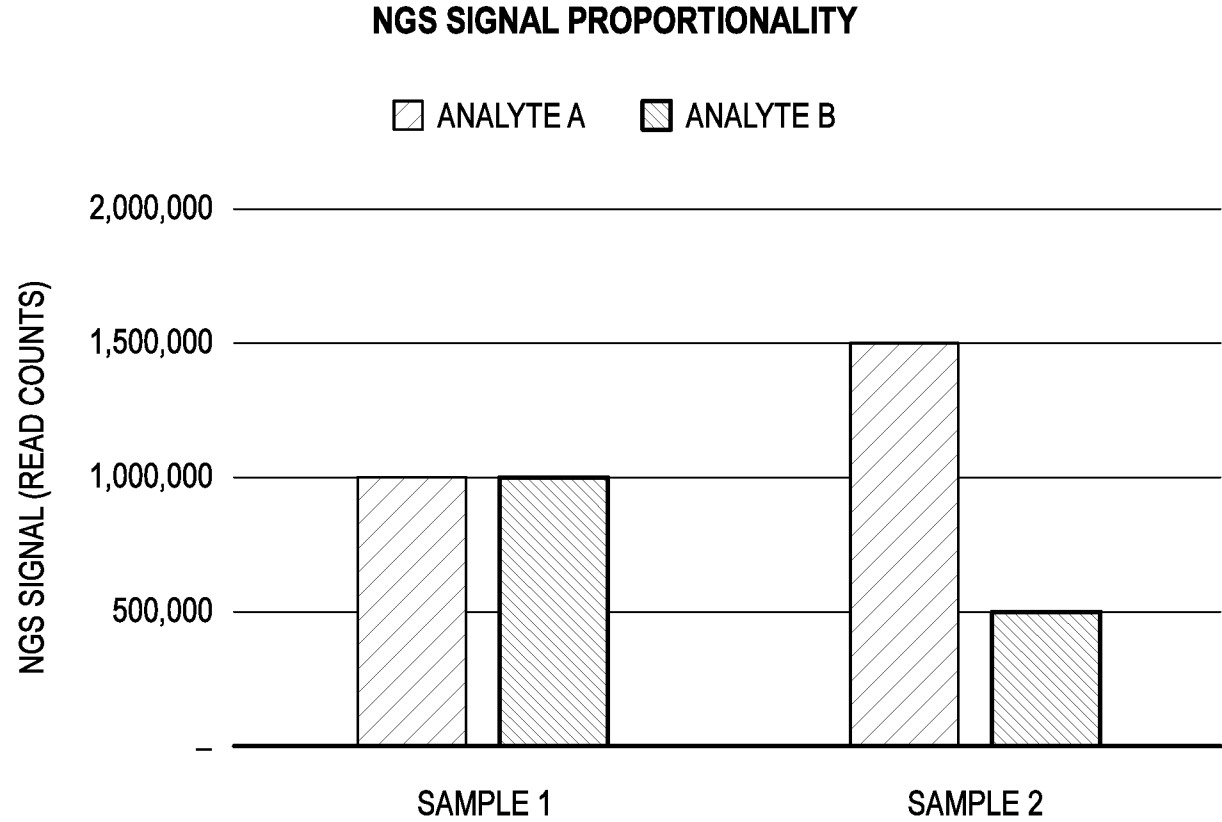


FIG. 7

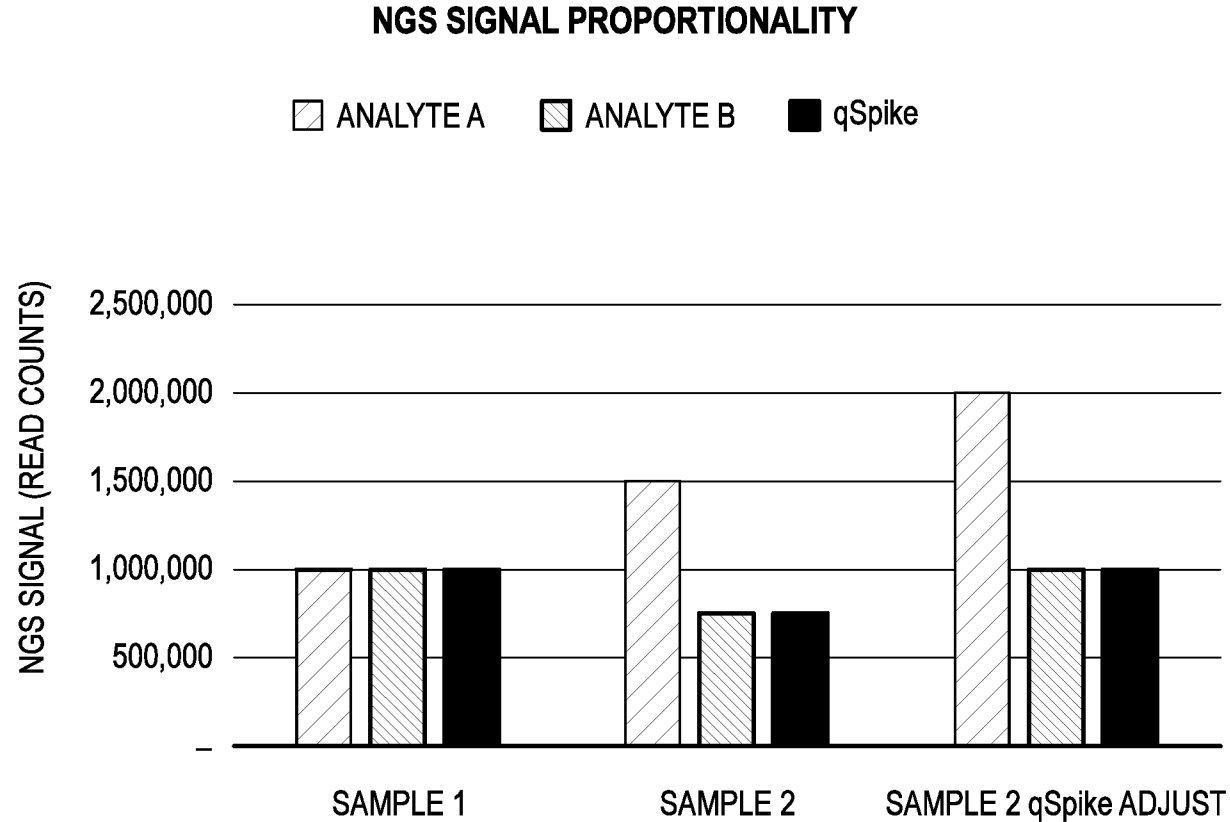


FIG. 8

(A) RAW DATA: SOMamer TITRATION SERIES

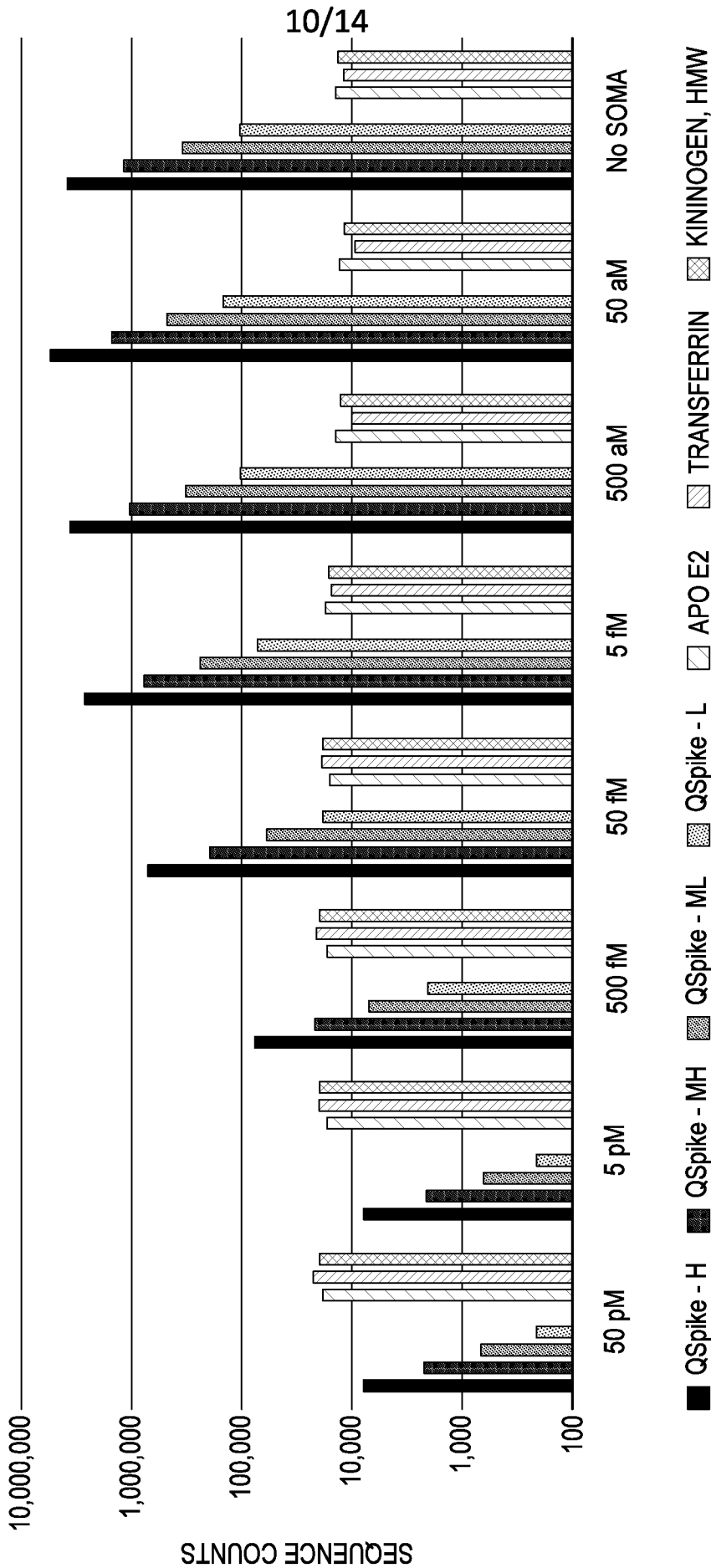


FIG. 9

(B) qSpike NORMALIZED DATA

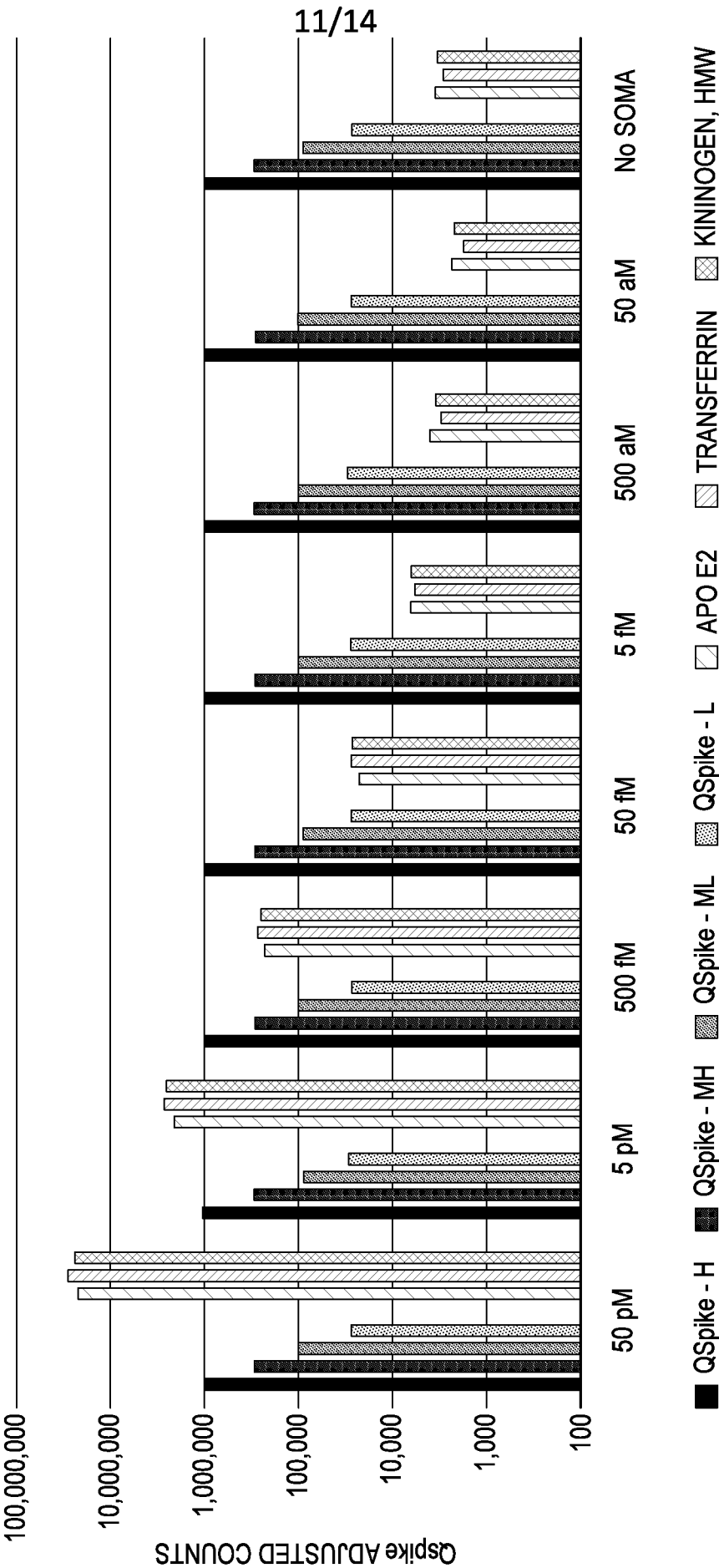


FIG. 10

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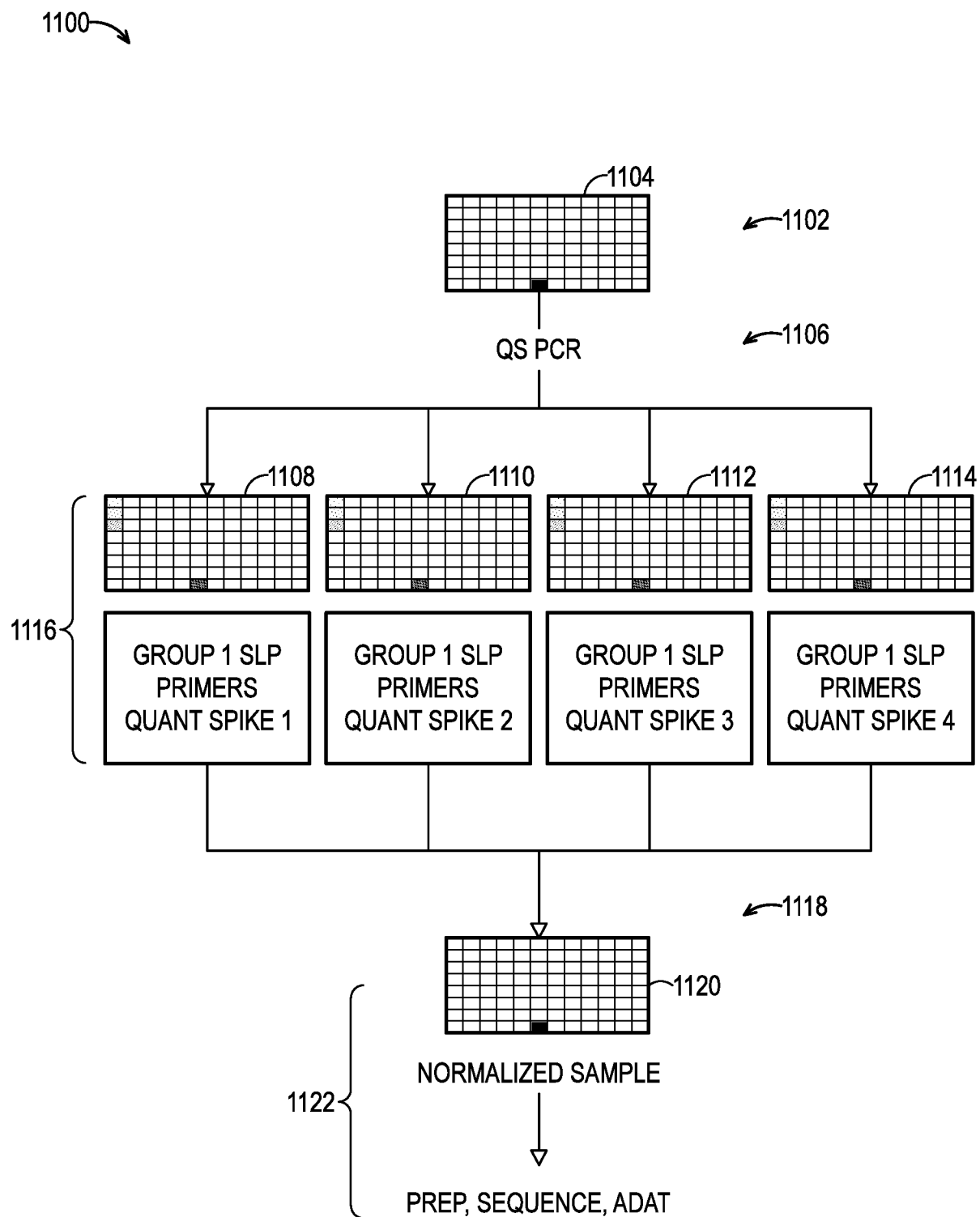


FIG. 11

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THERMAL MELT DATA FOR PLATE POSITION A9

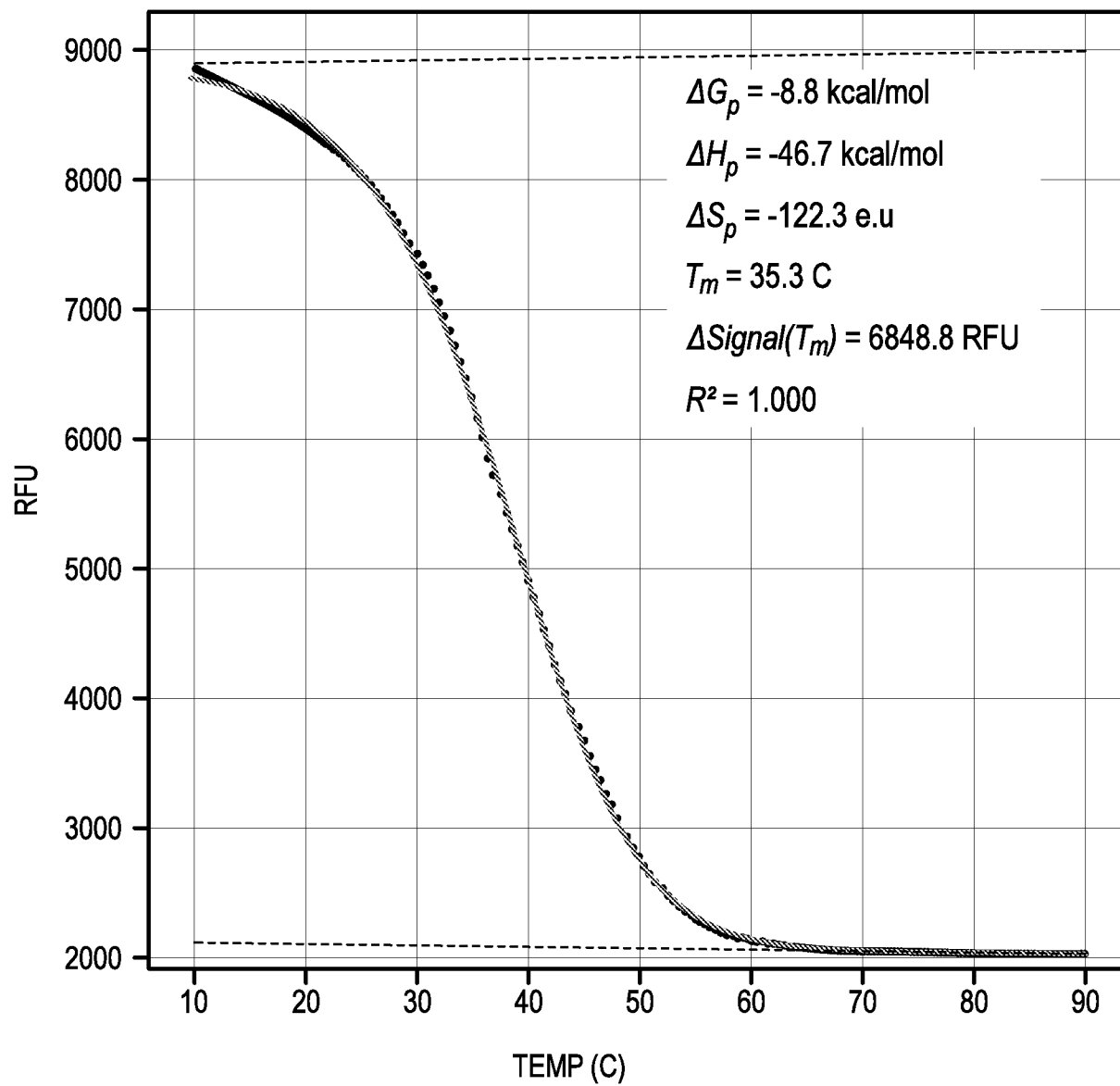


FIG. 12

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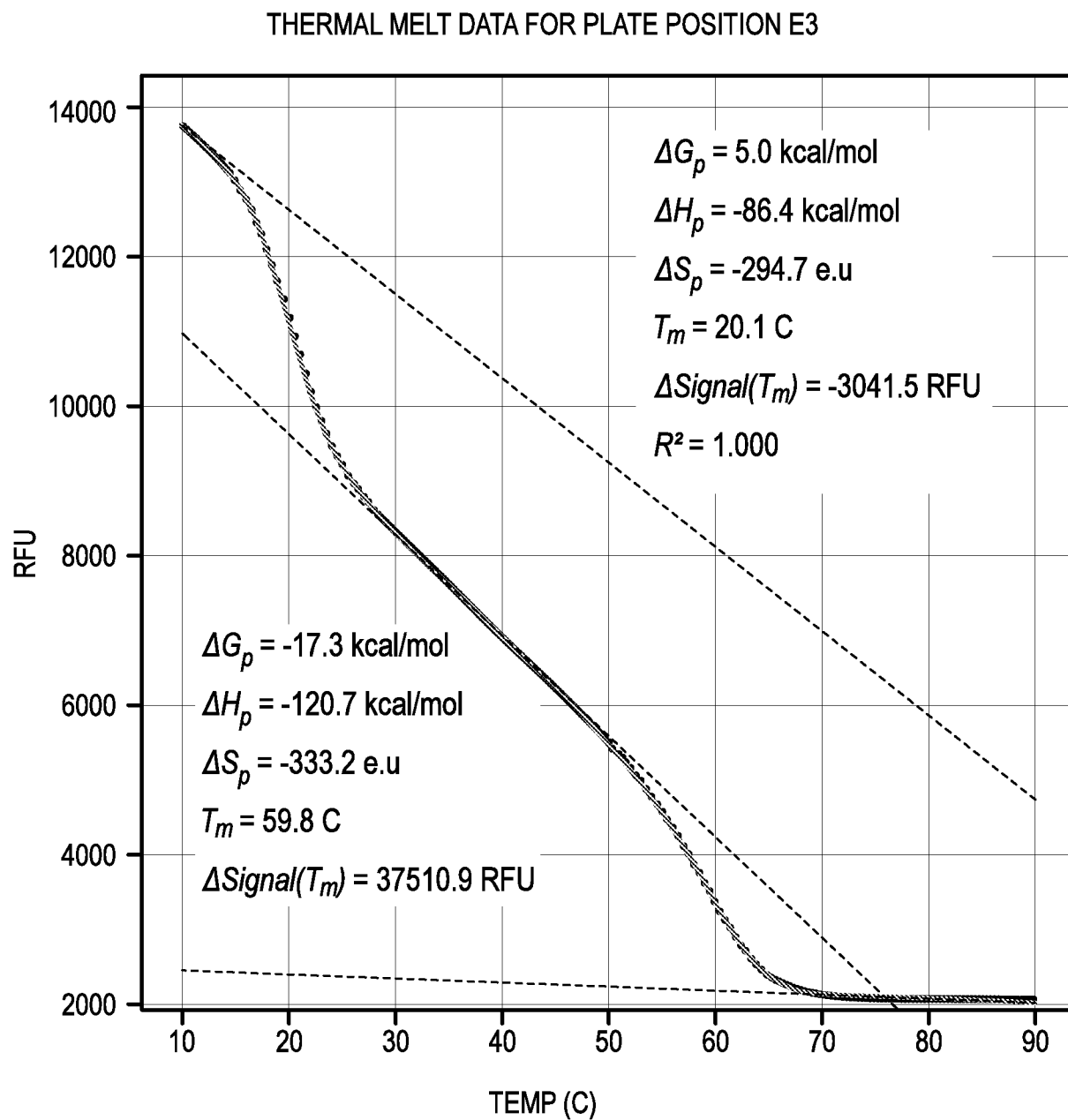


FIG. 13