

Identification of MHBs	Validation of MHBs	Prediction model training	Prediction model testing
• 61 WGBS datasets	• 101 RRBS datasets • 637 HM450K datasets	• 29 WGBS datasets • 14 RRBS datasets	• 59 RRBS datasets (cancer patients plasma) • 10 RRBS datasets (matched tumor tissues) • 75 RRBS datasets (no cancer plasma)

FIGURE 1A

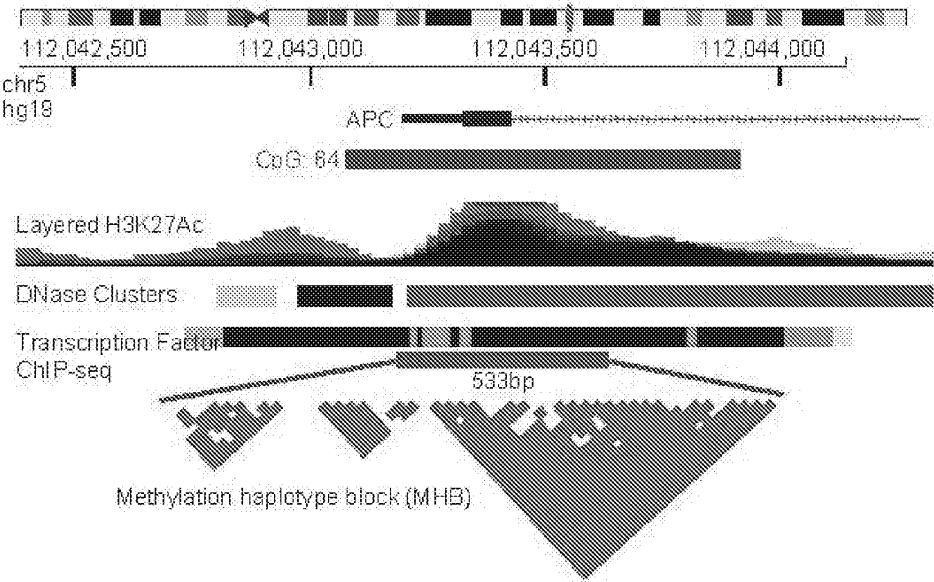


FIGURE 1B

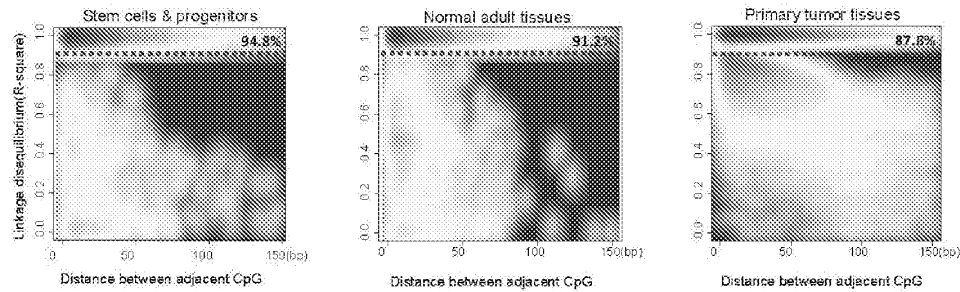


FIGURE 1C

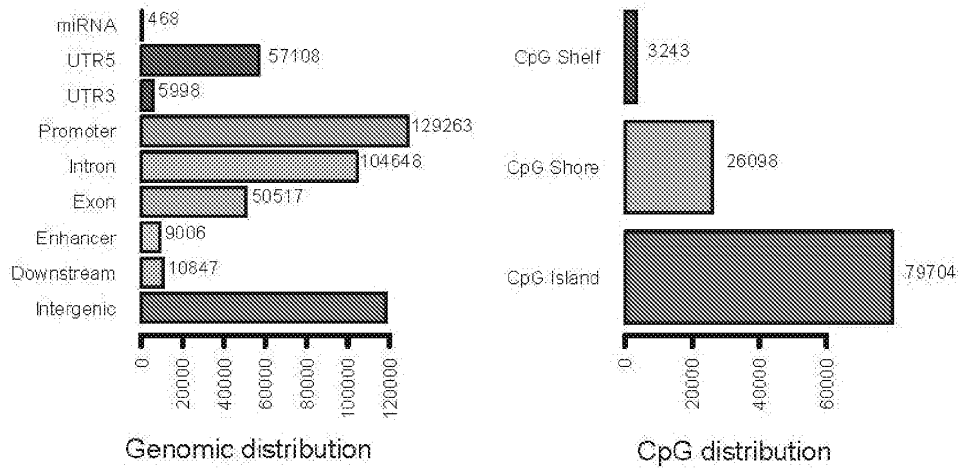


FIGURE 1D

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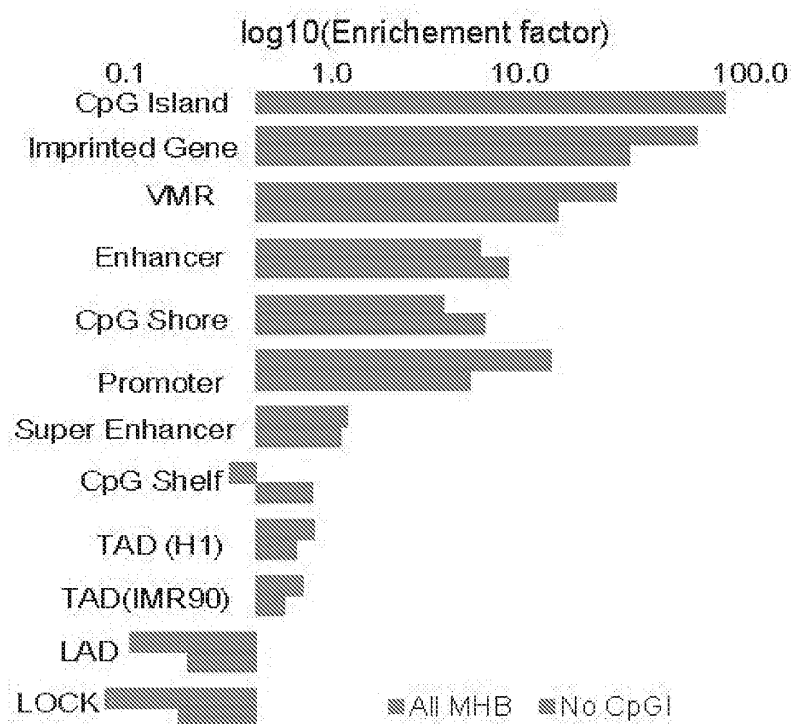


FIGURE 1E

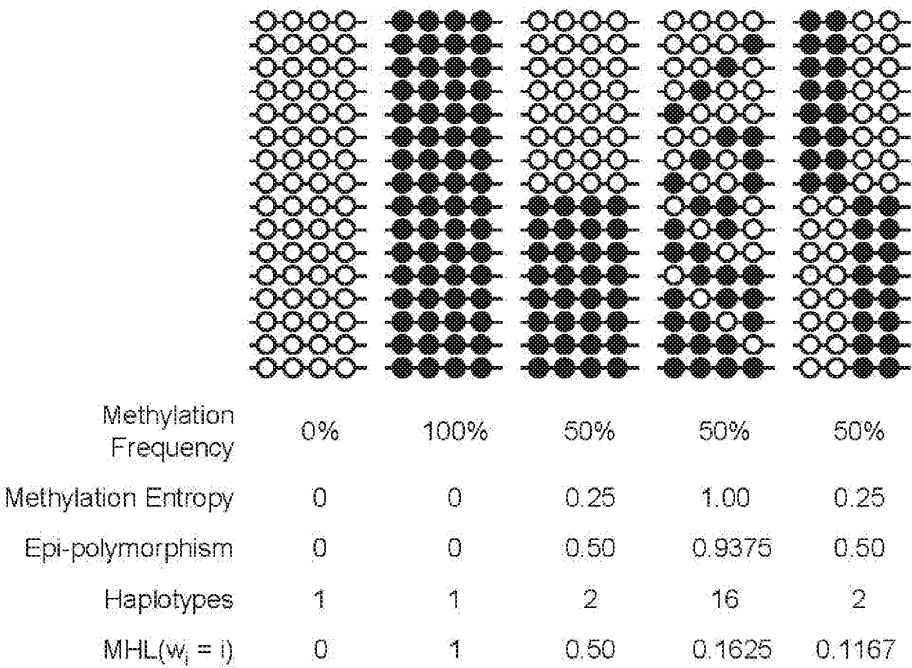


FIGURE 2

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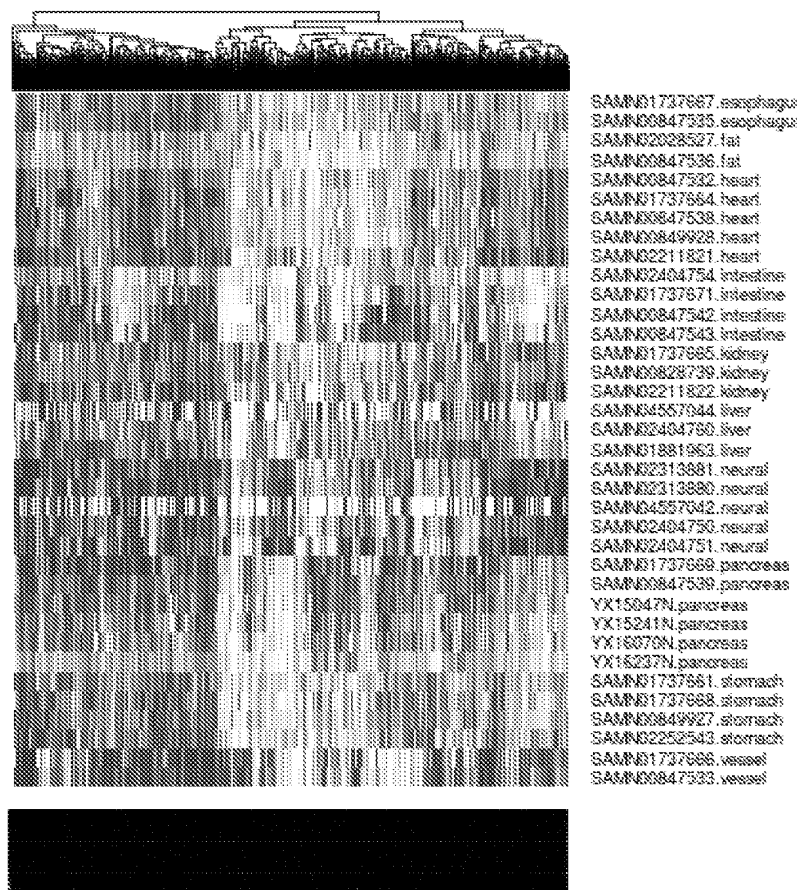


FIGURE 3A

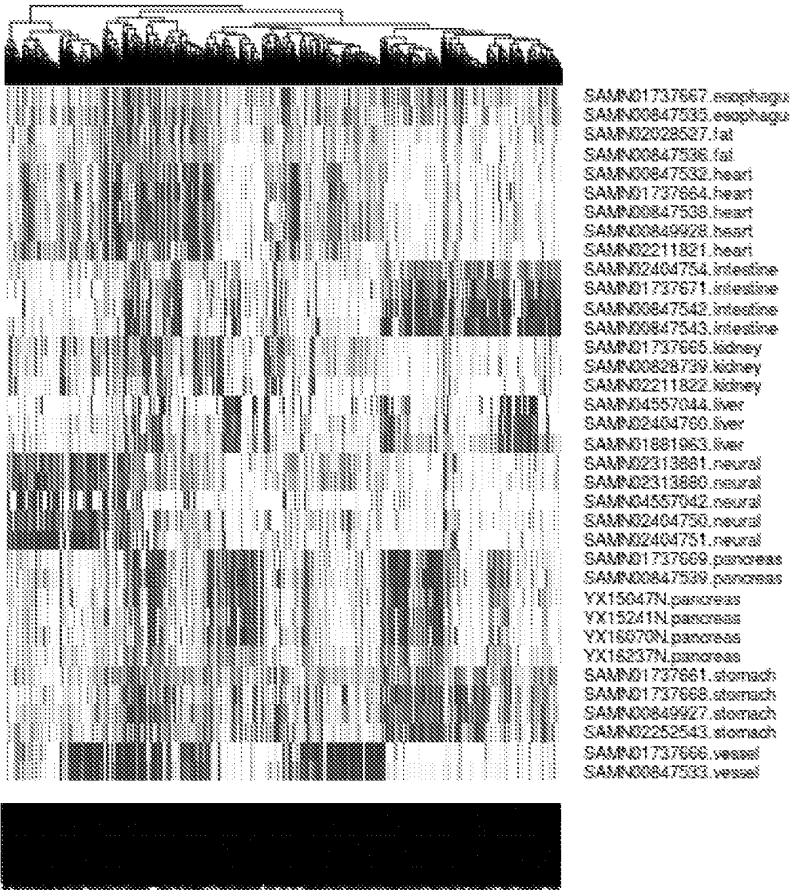


FIGURE 3B

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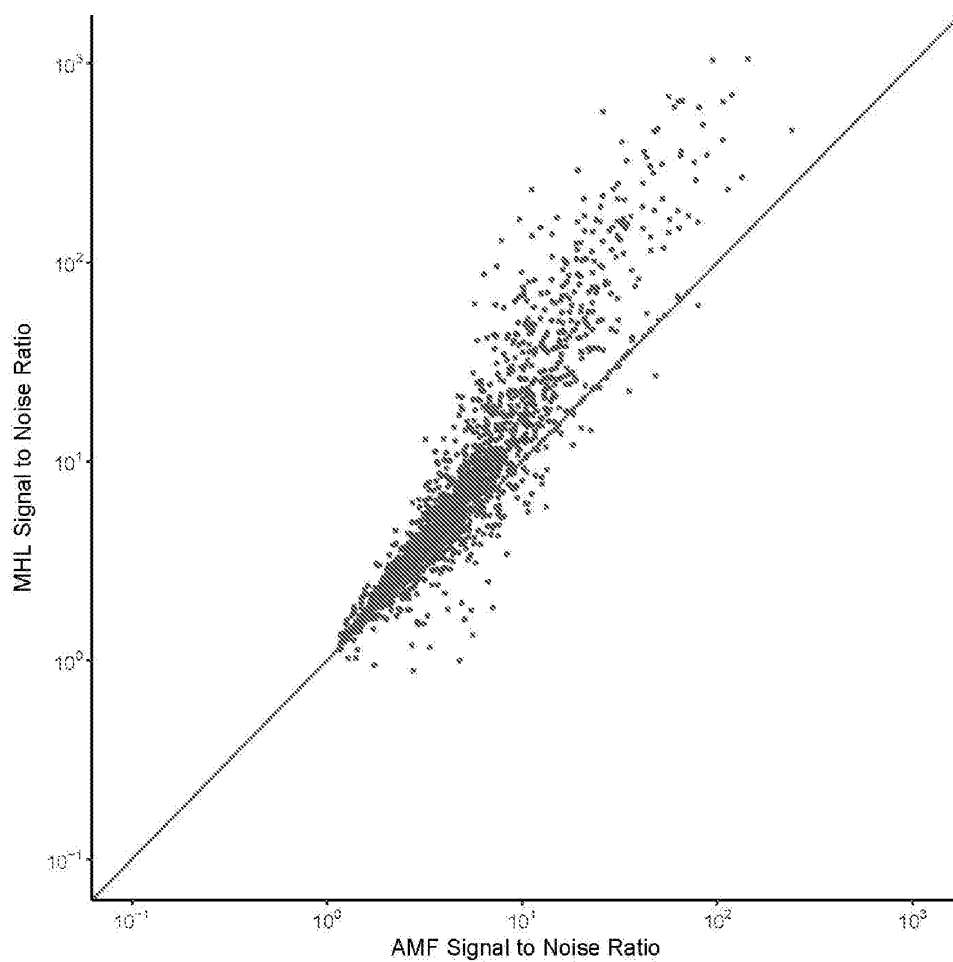


FIGURE 4

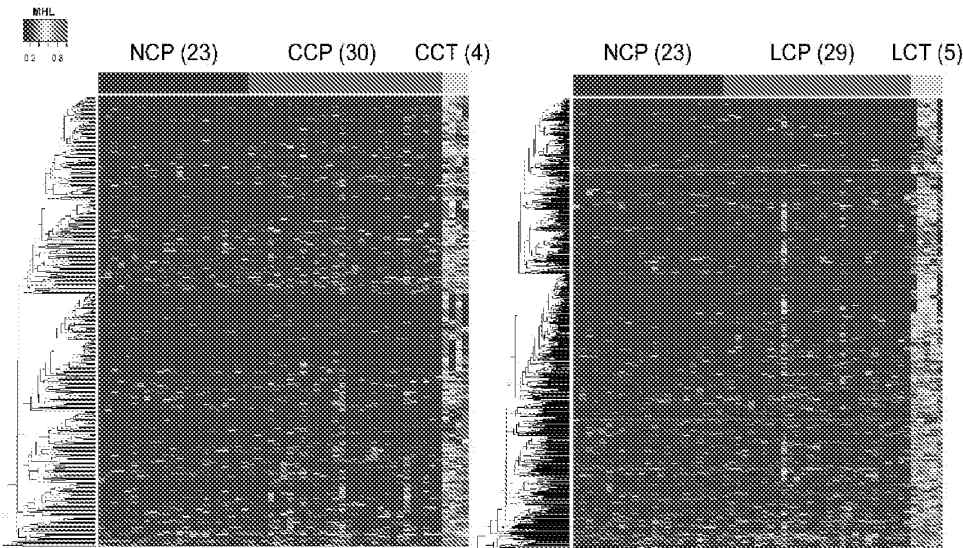
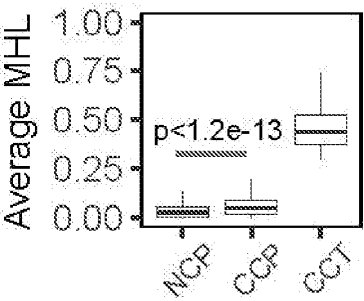


FIGURE 5

Colon cancer markers



Lung cancer markers

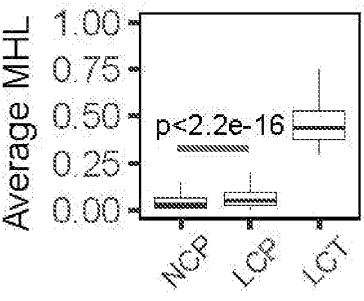


FIGURE 6

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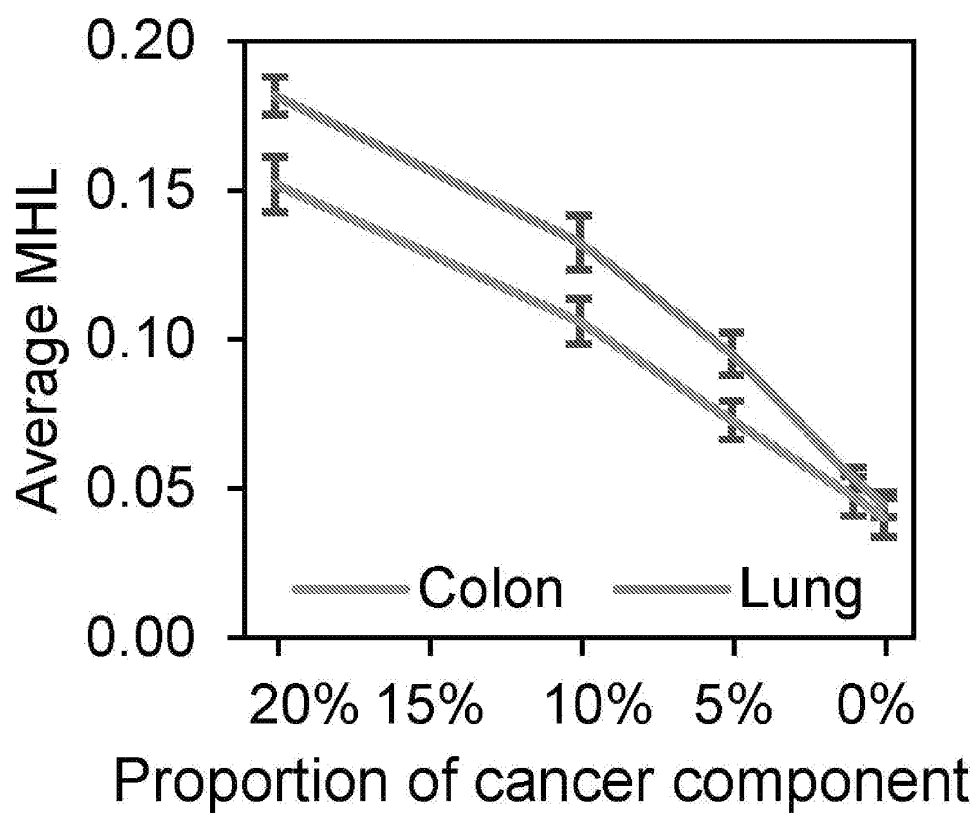


FIGURE 7

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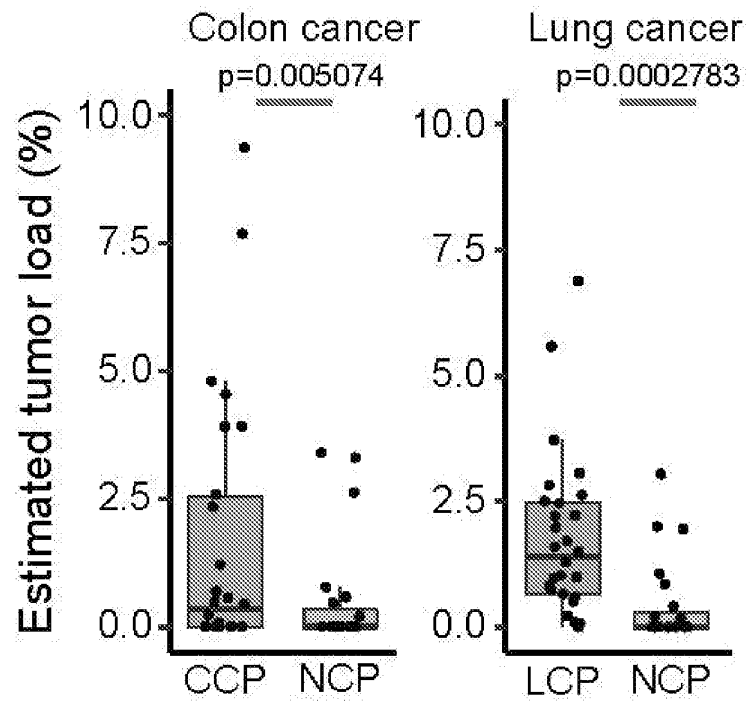


FIGURE 8

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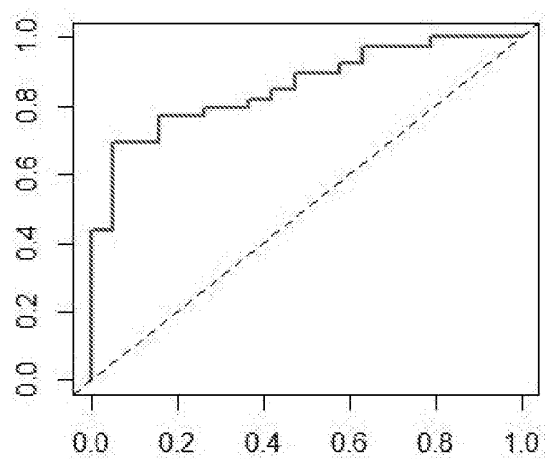
Normal vs other (AUC: 0.856)

FIGURE 9A

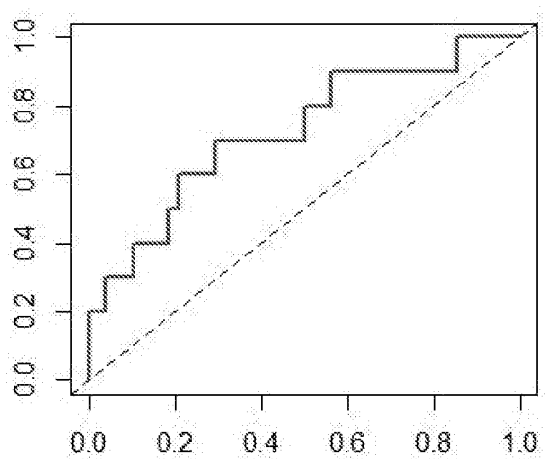
Colon vs other (AUC: 0.725)

FIGURE 9B

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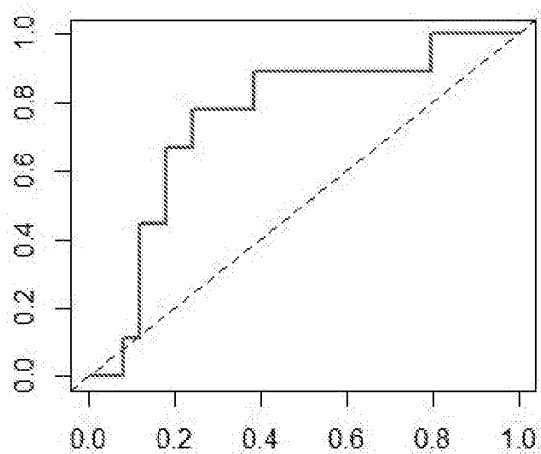
Lung vs other (AUC: 0.751)

FIGURE 9C

		<u>Predicted tissue</u>	
		Colon	Lung
<u>Cancer tissue</u>	Colon	7	3
	Lung	2	7

FIGURE 10

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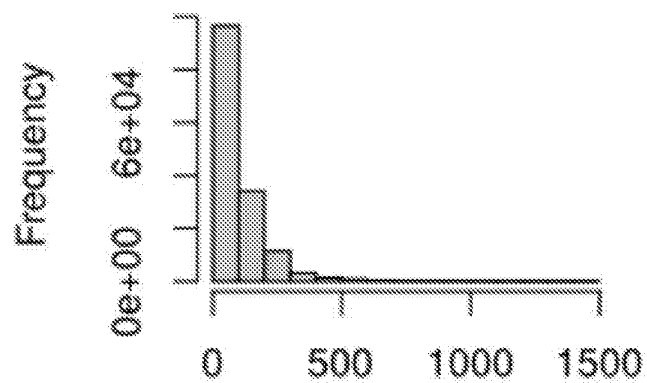


FIGURE 11A

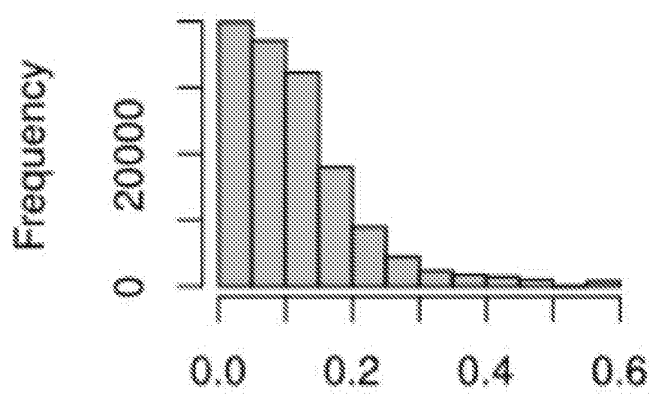


FIGURE 11B

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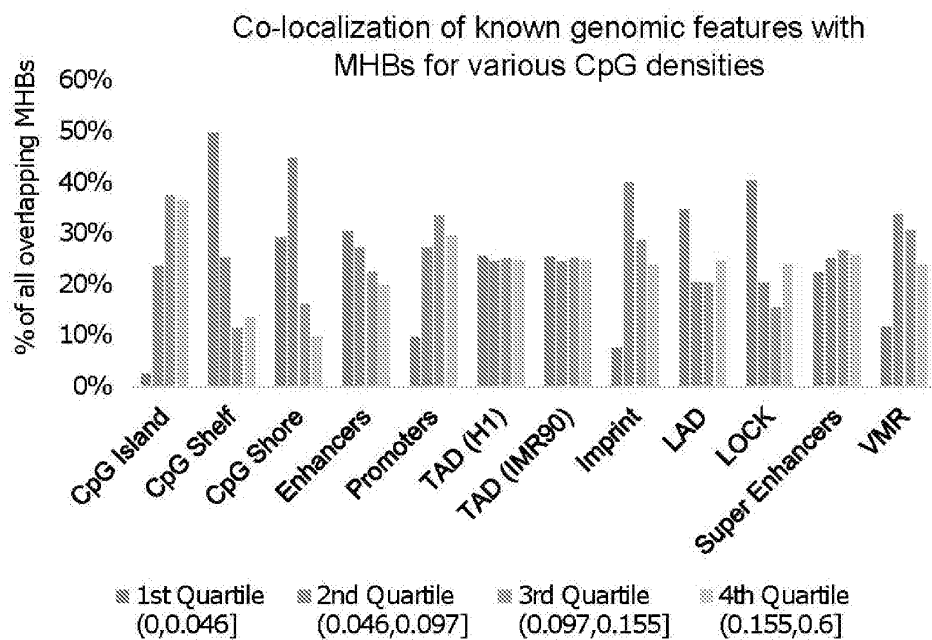


FIGURE 11C

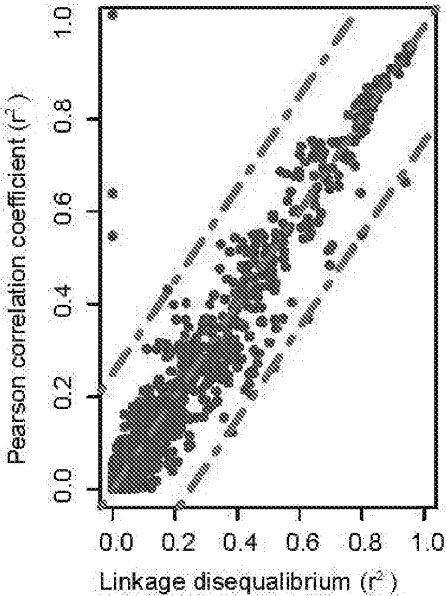


FIGURE 12A

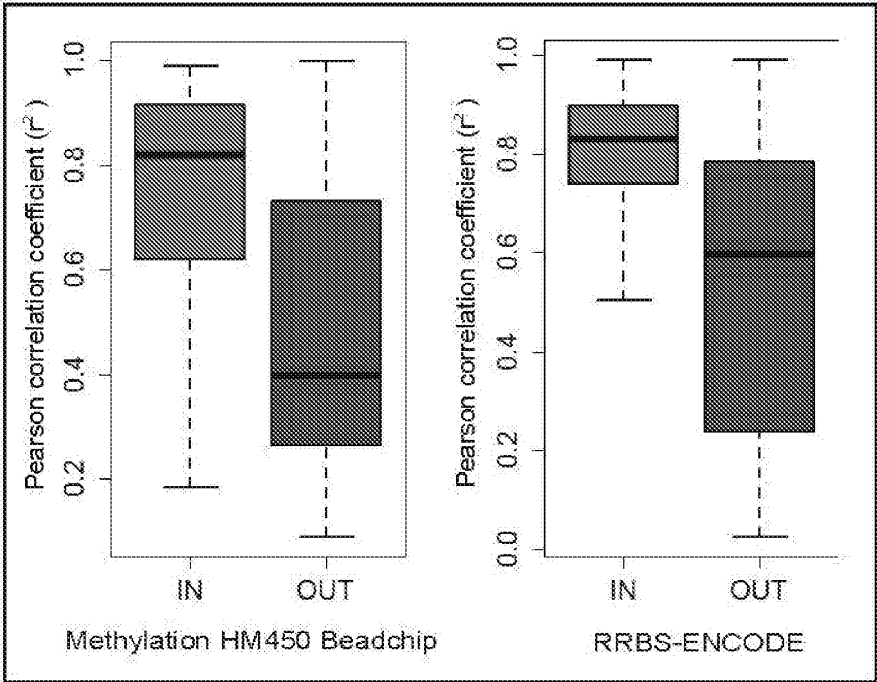


FIGURE 12B

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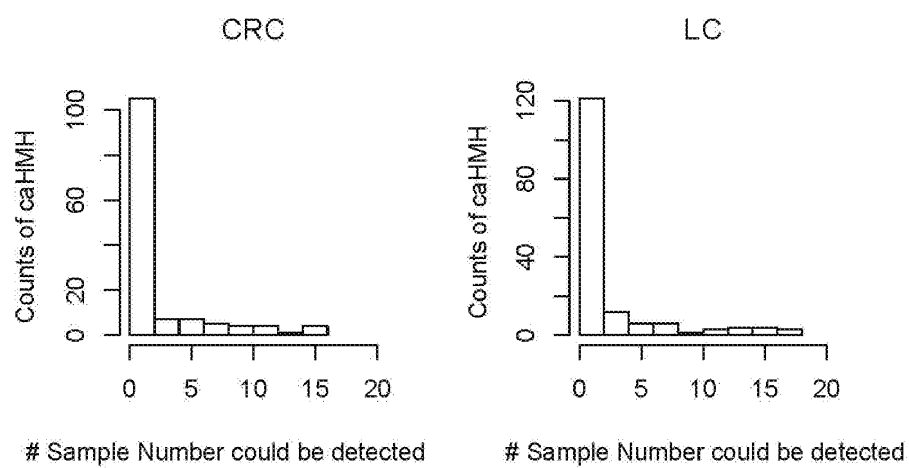


FIGURE 13