

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

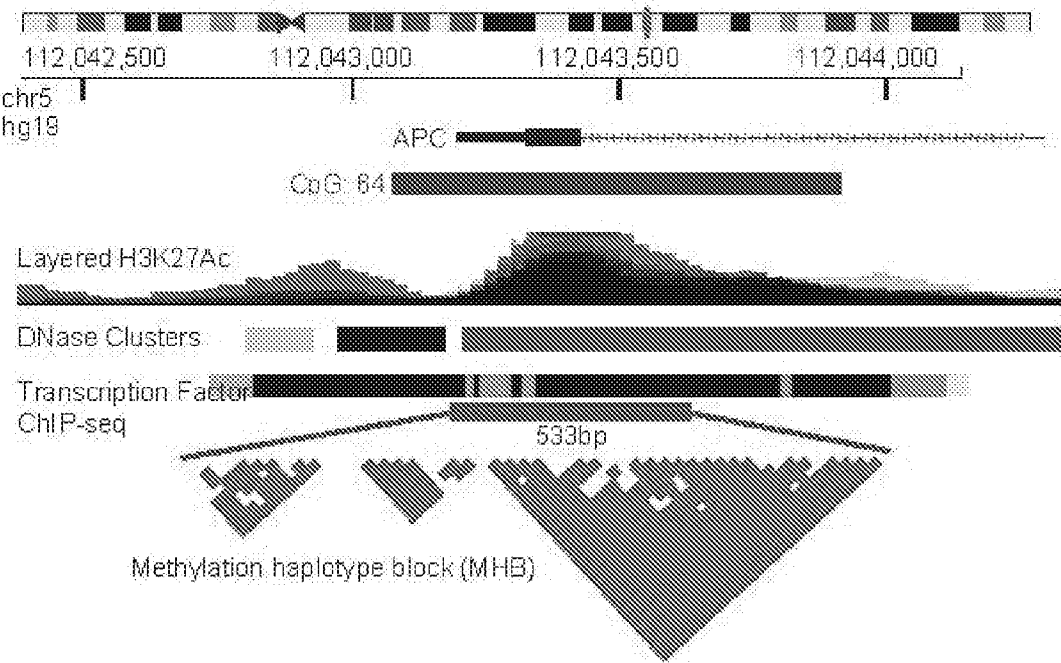


FIGURE 1B

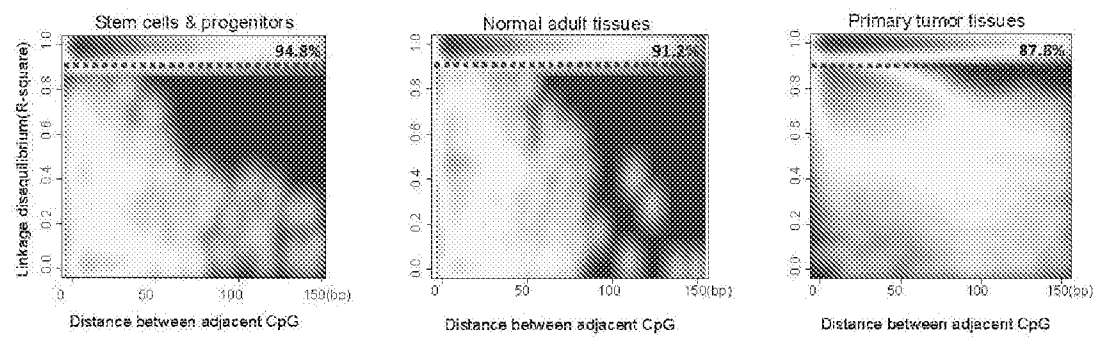


FIGURE 1C

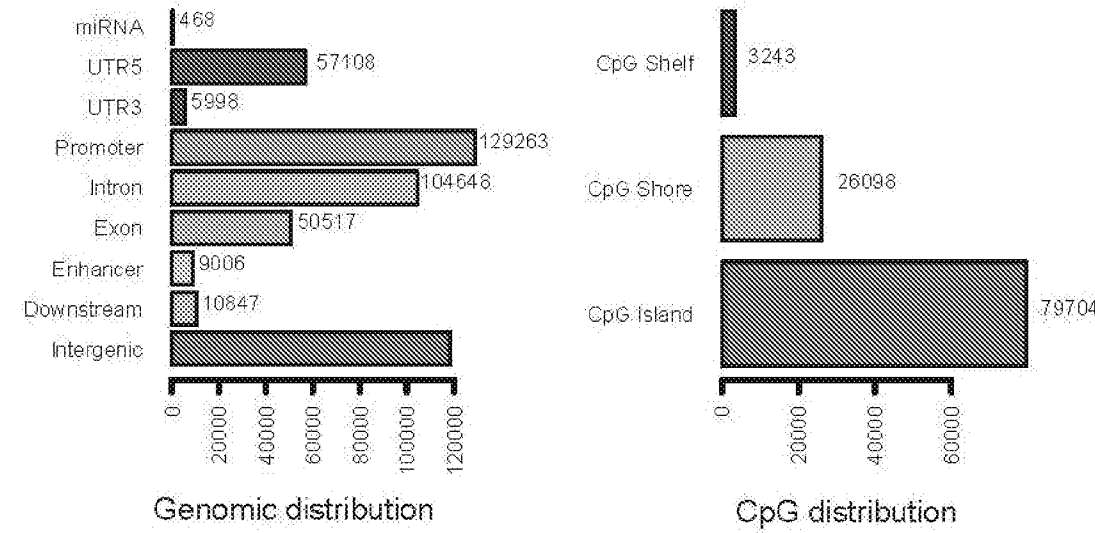


FIGURE 1D

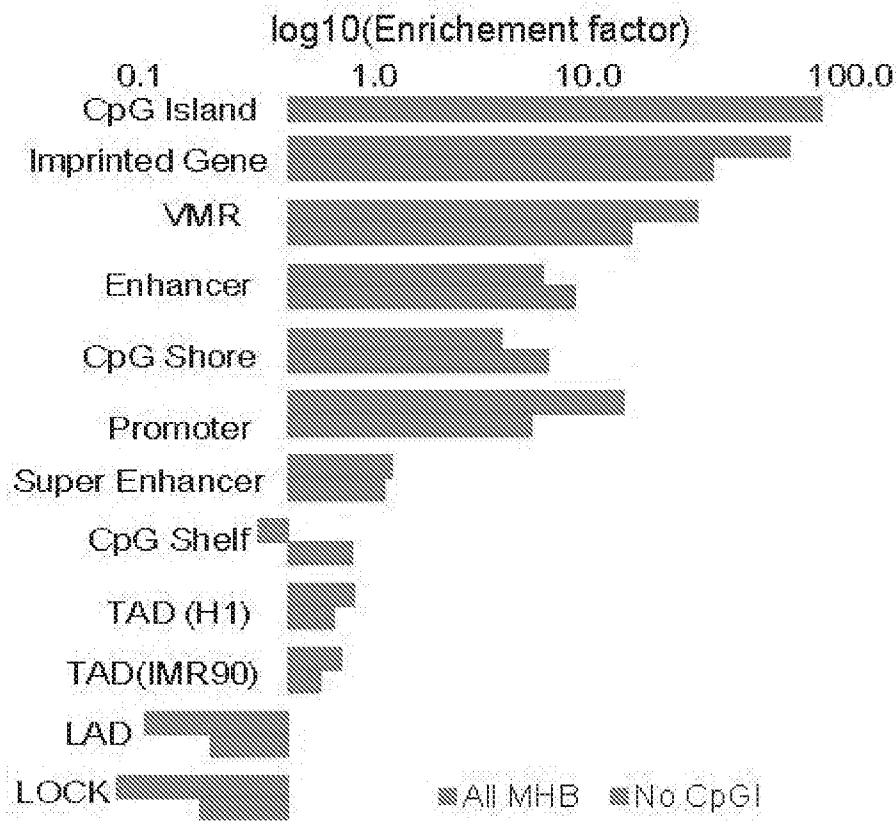


FIGURE 1E

4/17

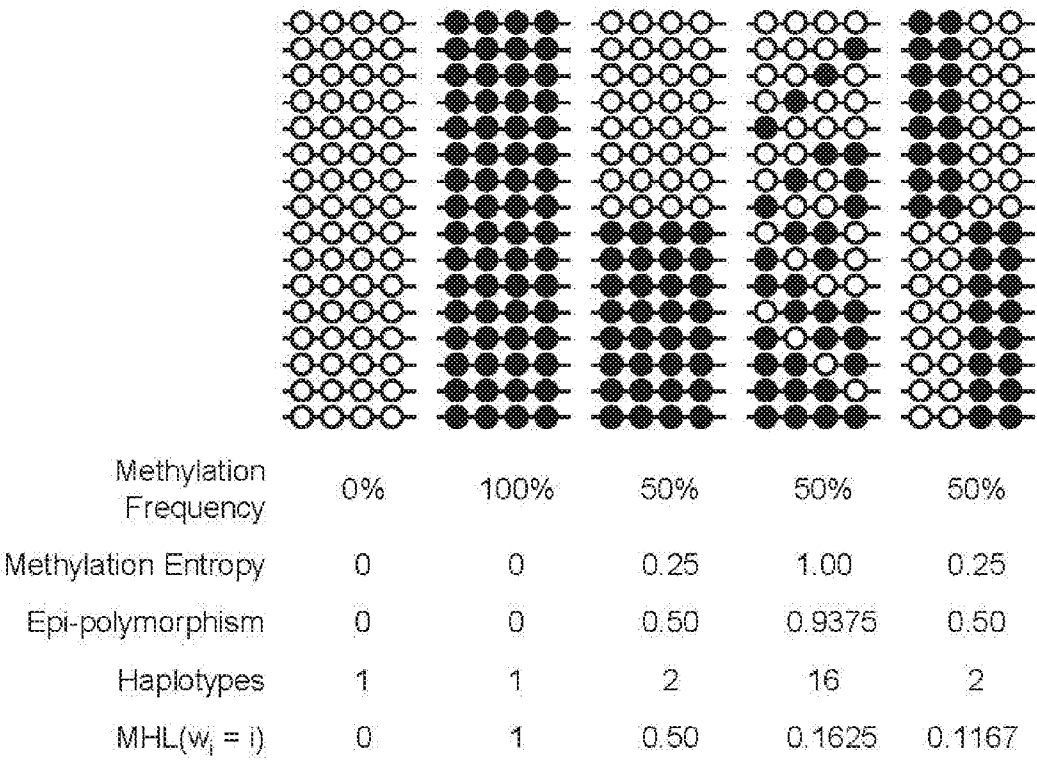


FIGURE 2

5/17

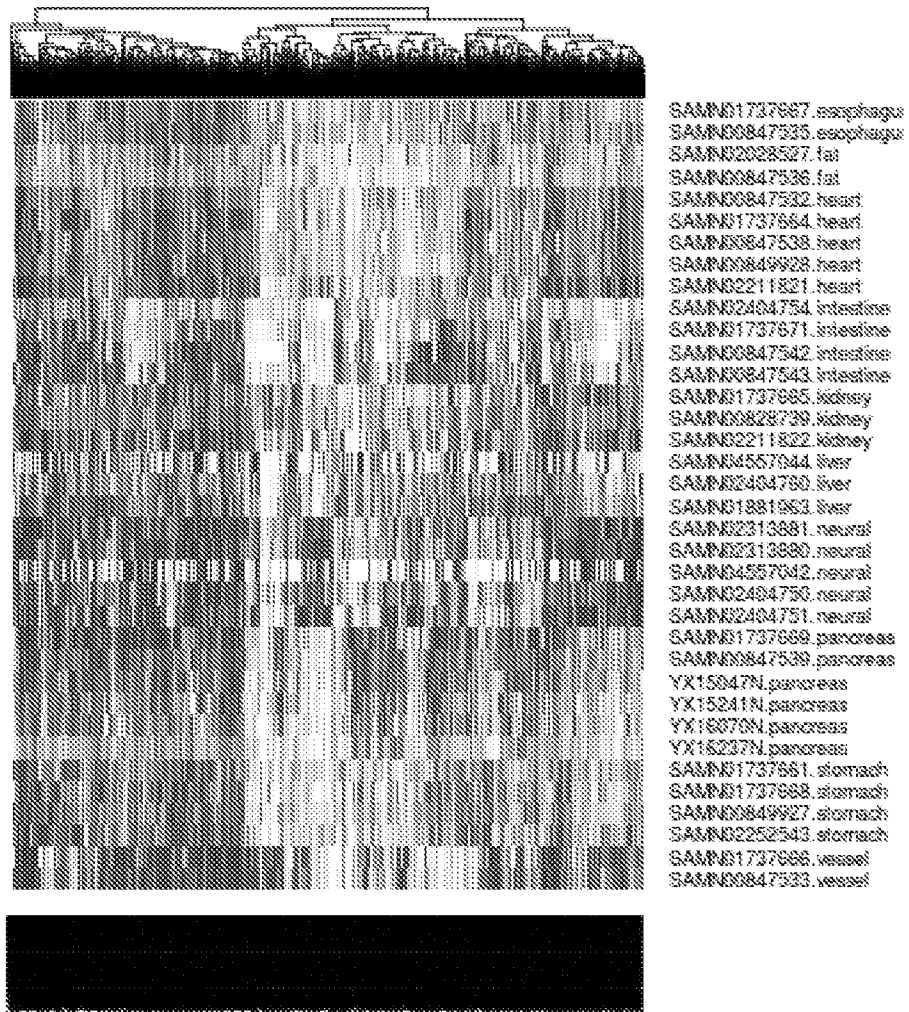


FIGURE 3A

6/17

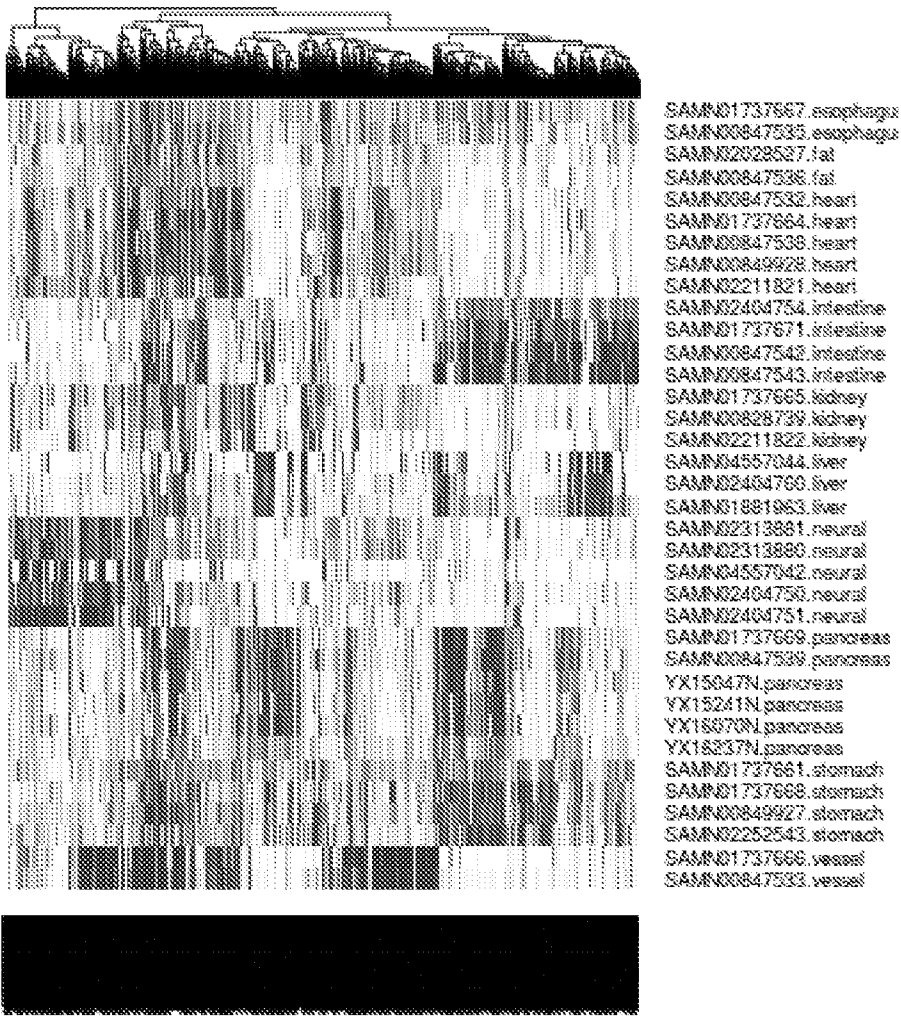


FIGURE 3B

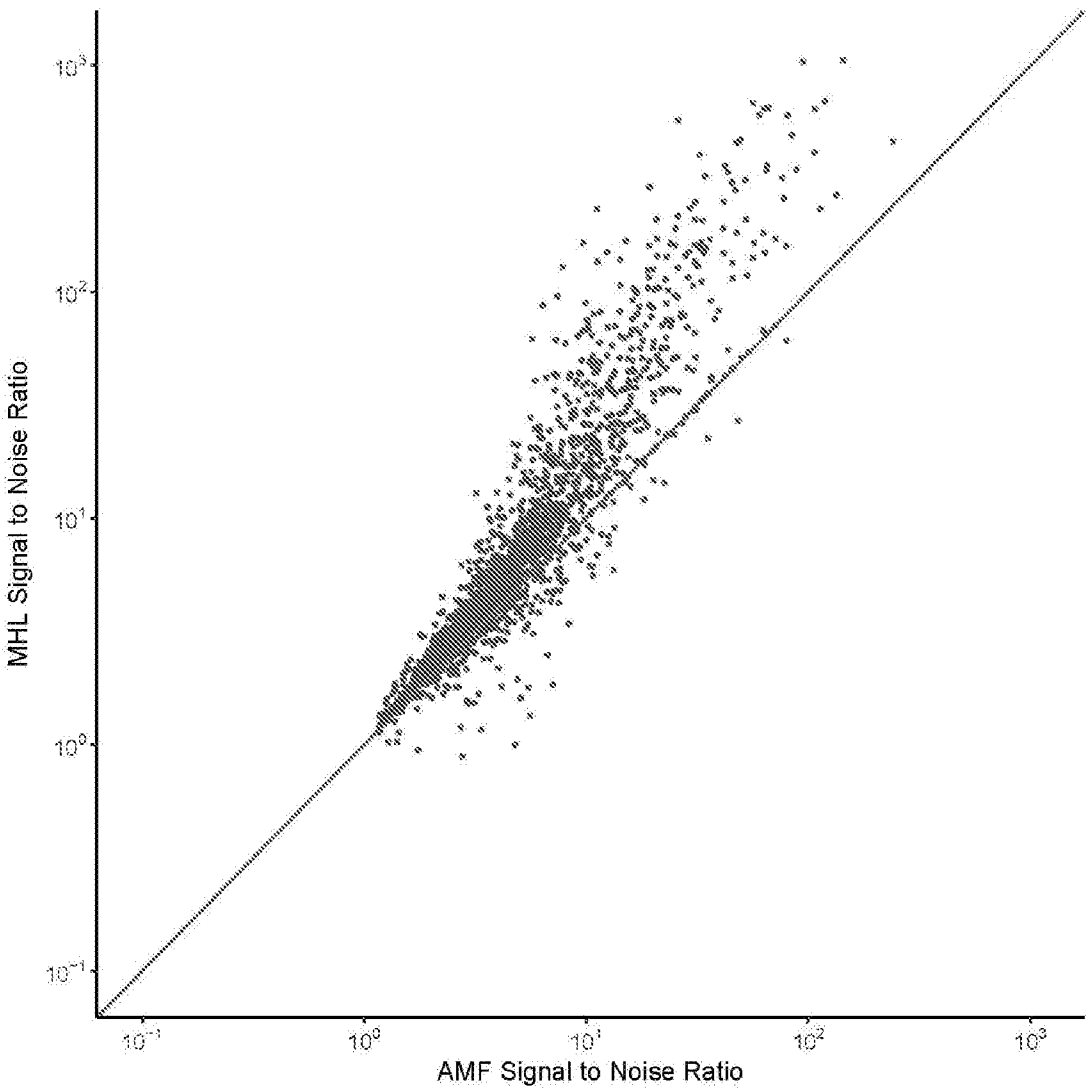


FIGURE 4

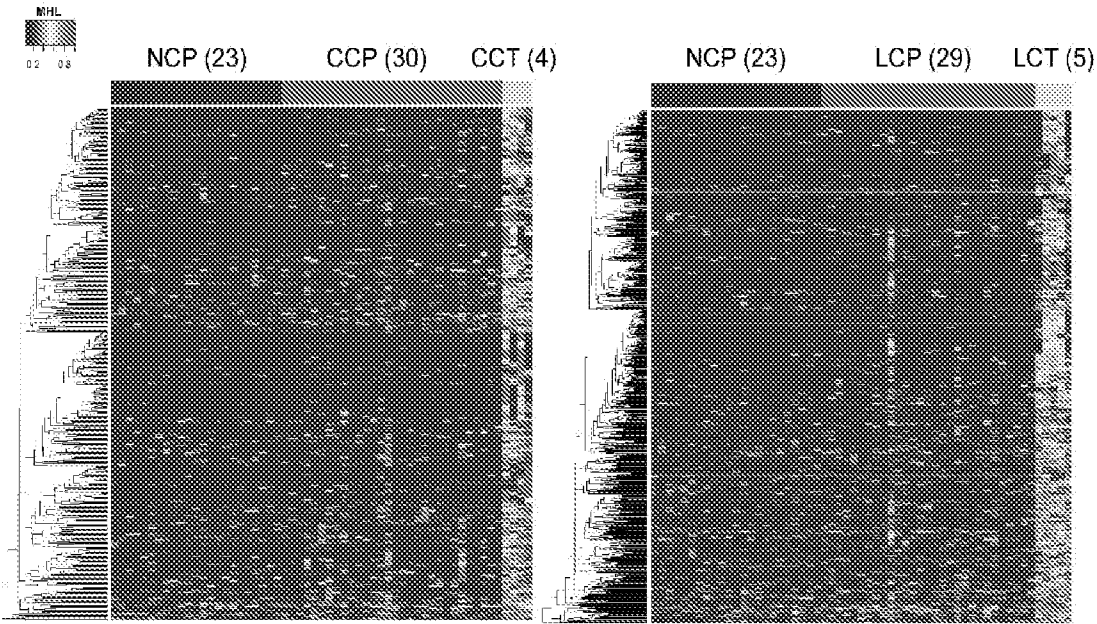


FIGURE 5

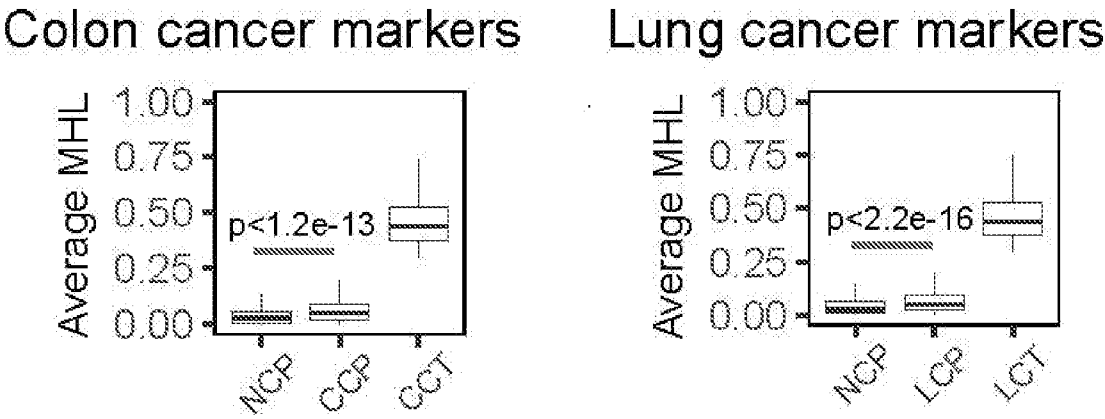


FIGURE 6

9/17

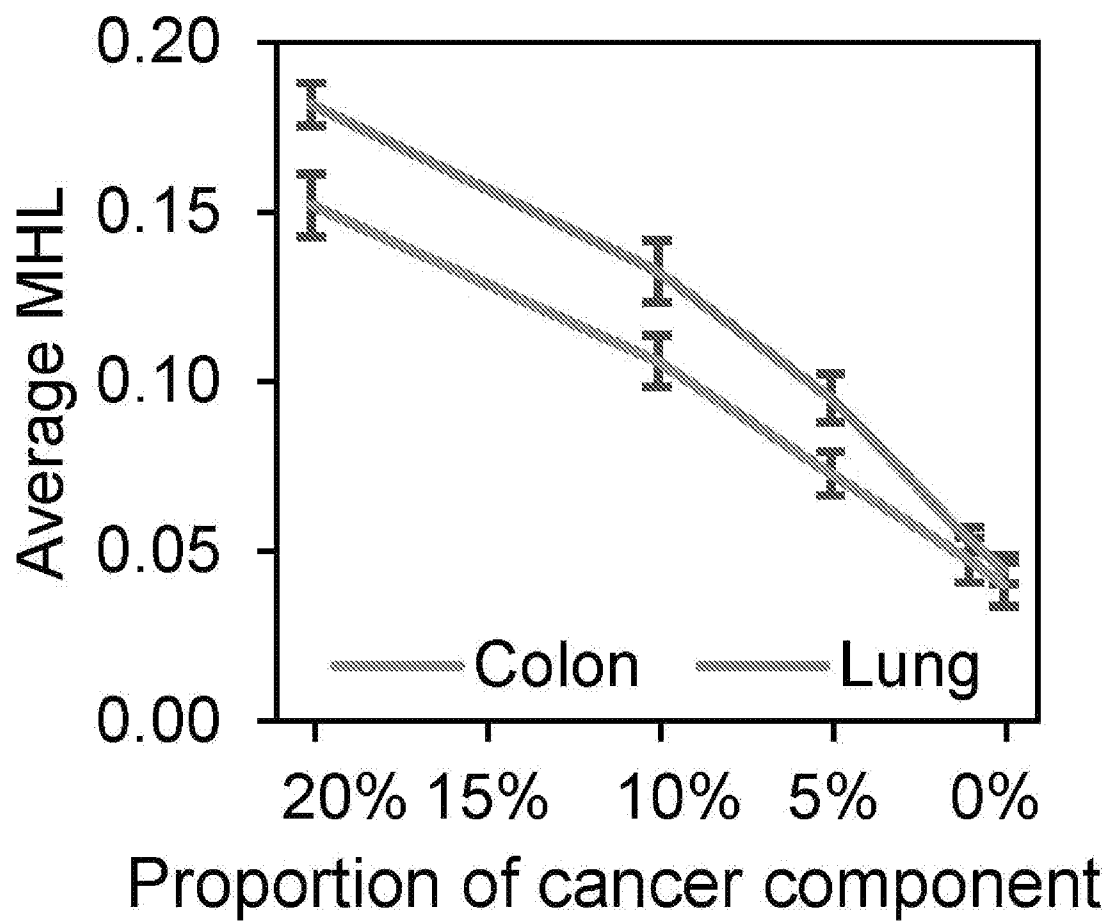


FIGURE 7

10/17

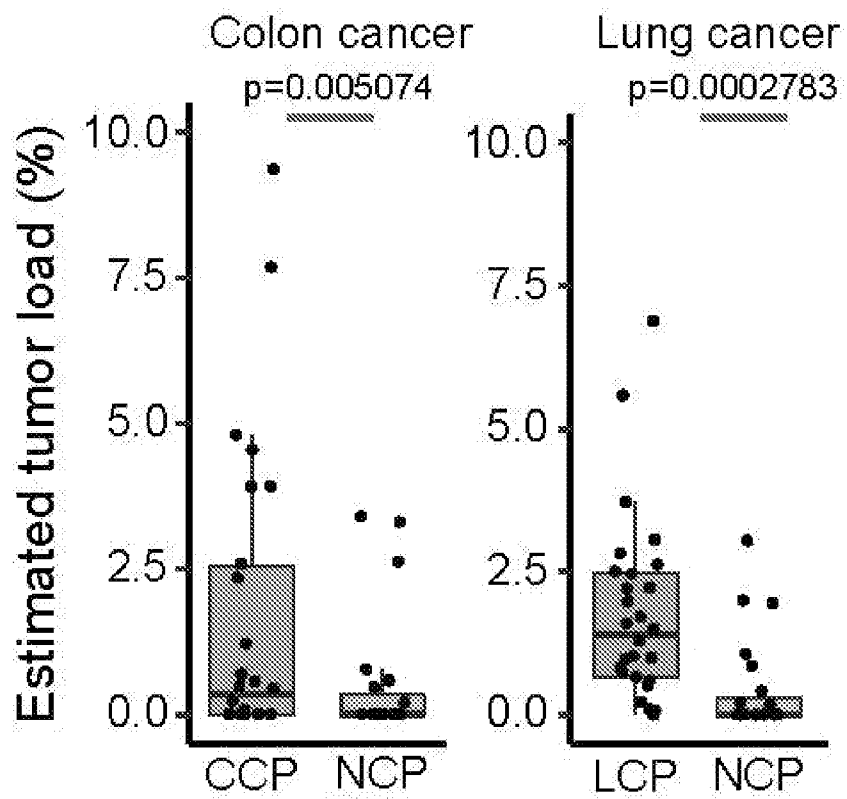


FIGURE 8

11/17

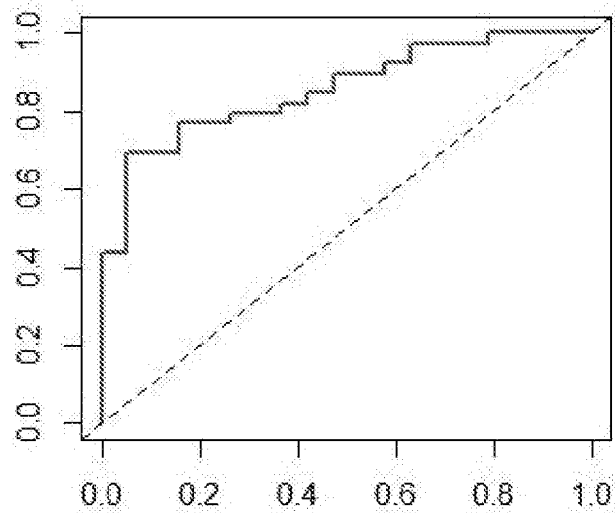
Normal vs other (AUC: 0.856)

FIGURE 9A

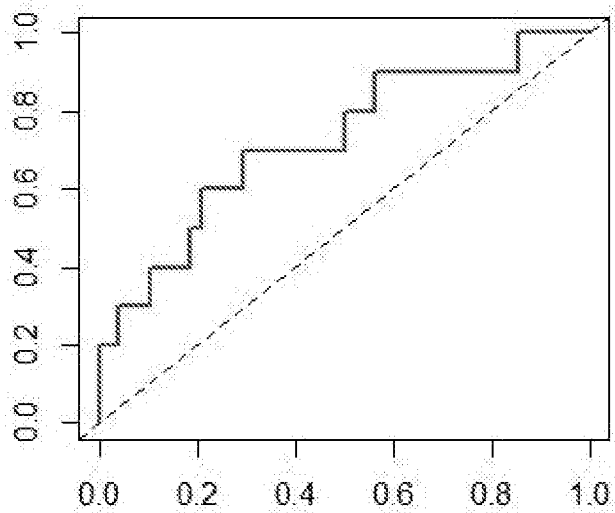
Colon vs other (AUC: 0.725)

FIGURE 9B

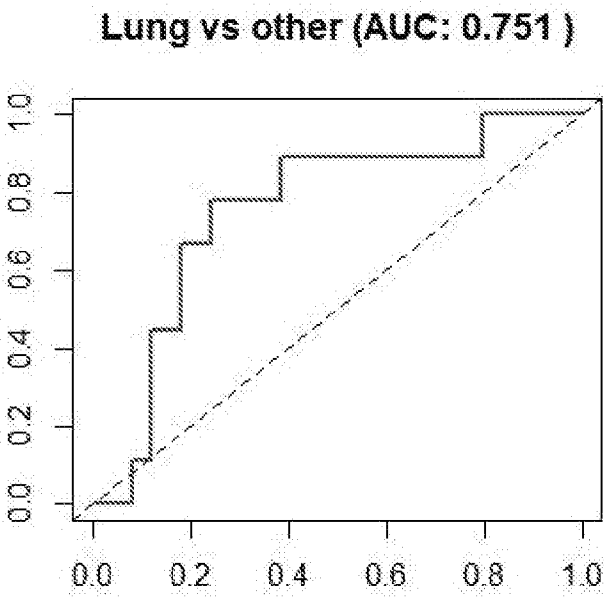


FIGURE 9C

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

FIGURE 10

14/17

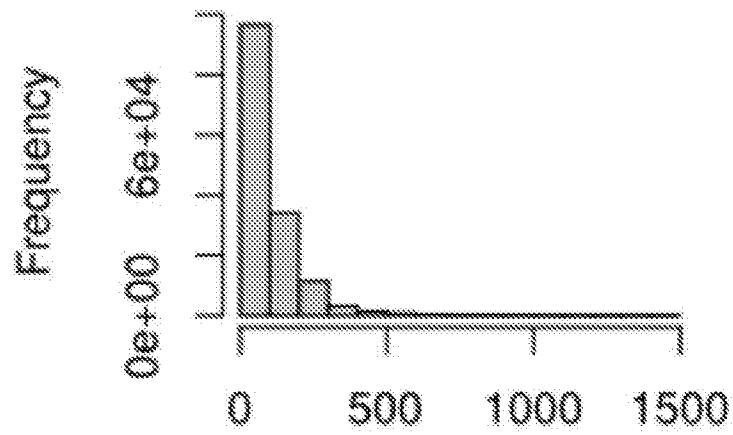


FIGURE 11A

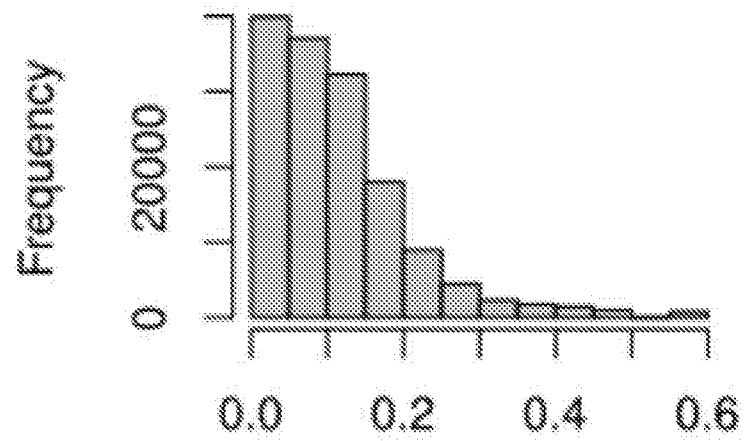


FIGURE 11B

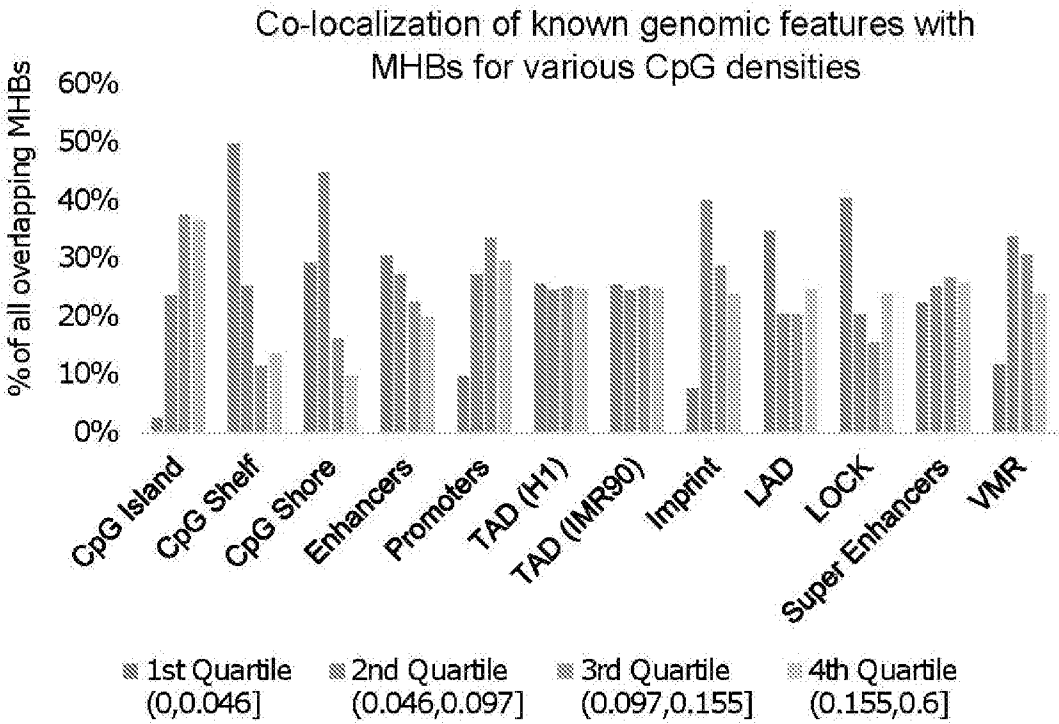


FIGURE 11C

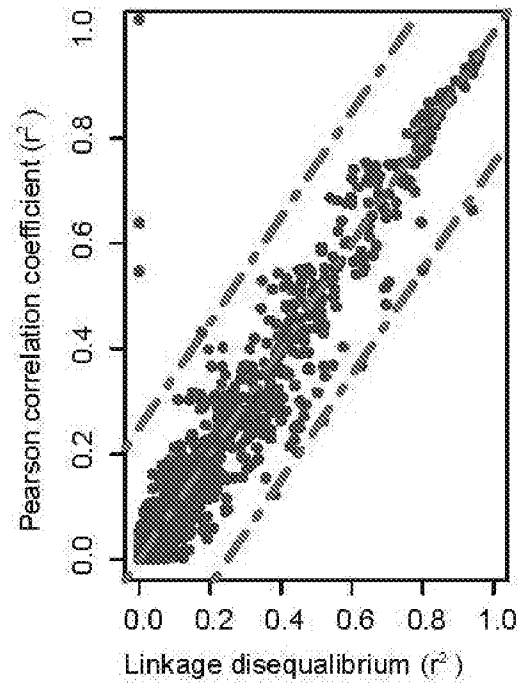


FIGURE 12A

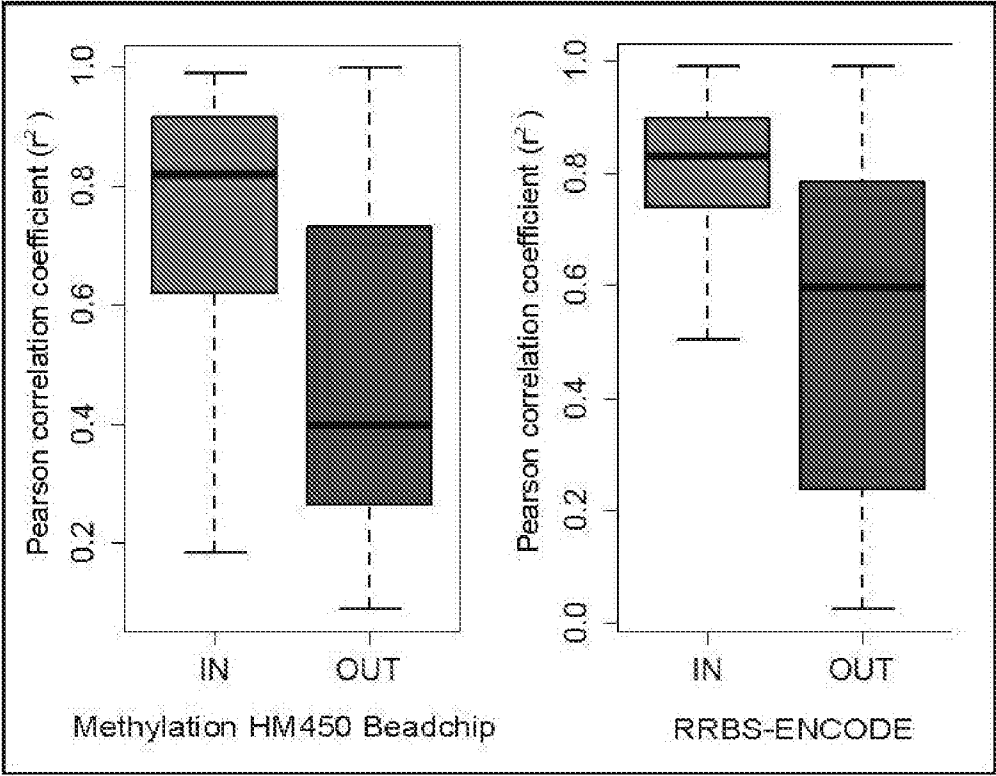


FIGURE 12B

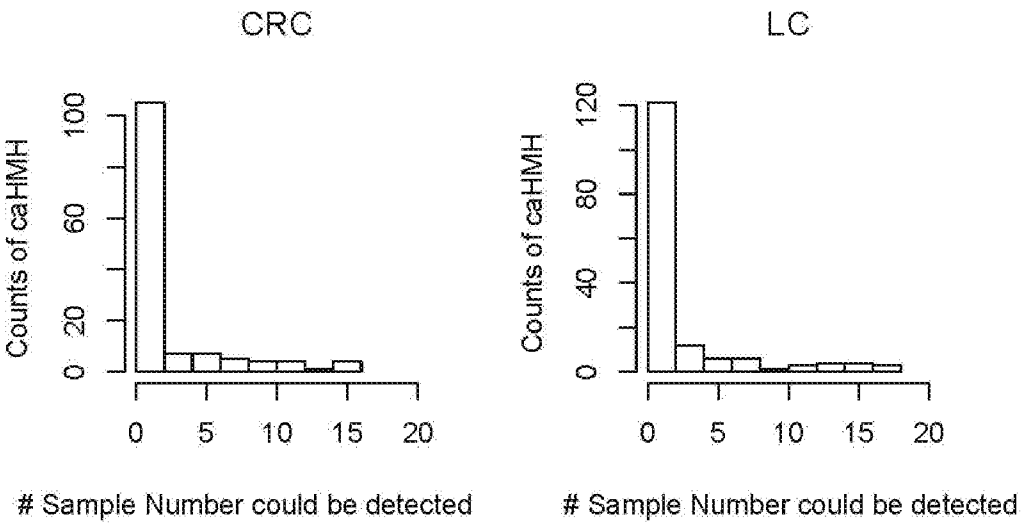


FIGURE 13