

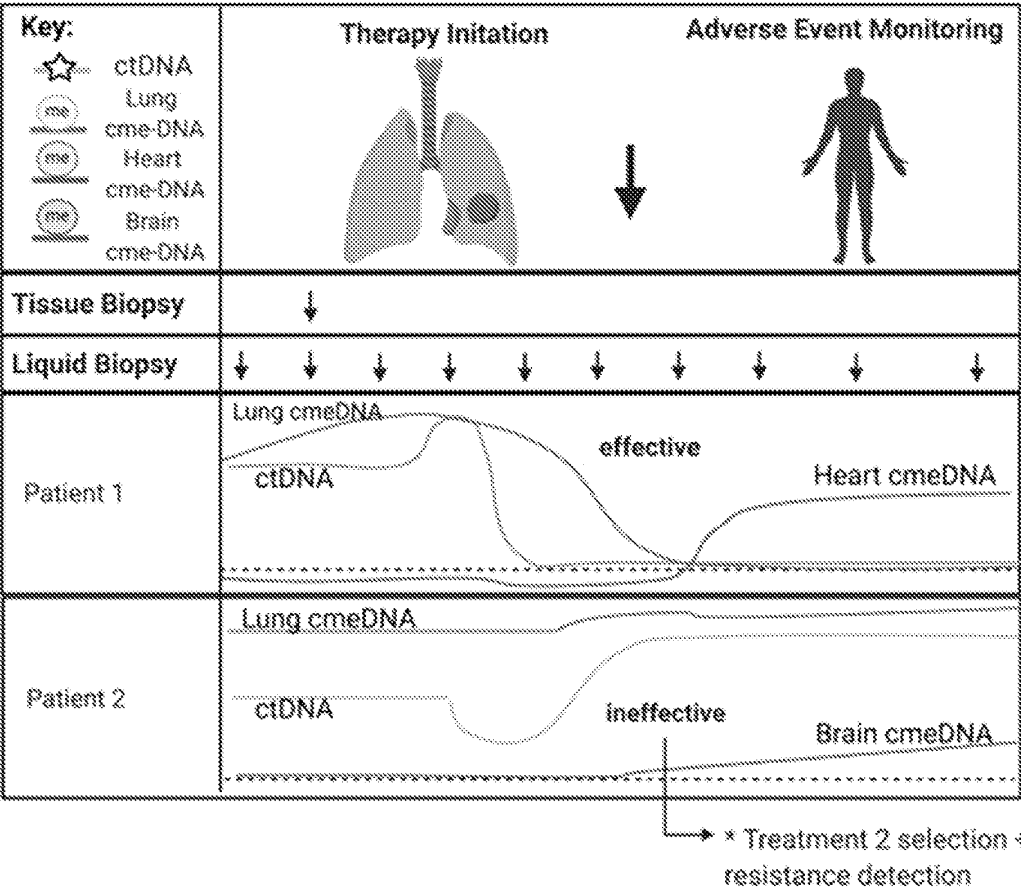


FIG. 1

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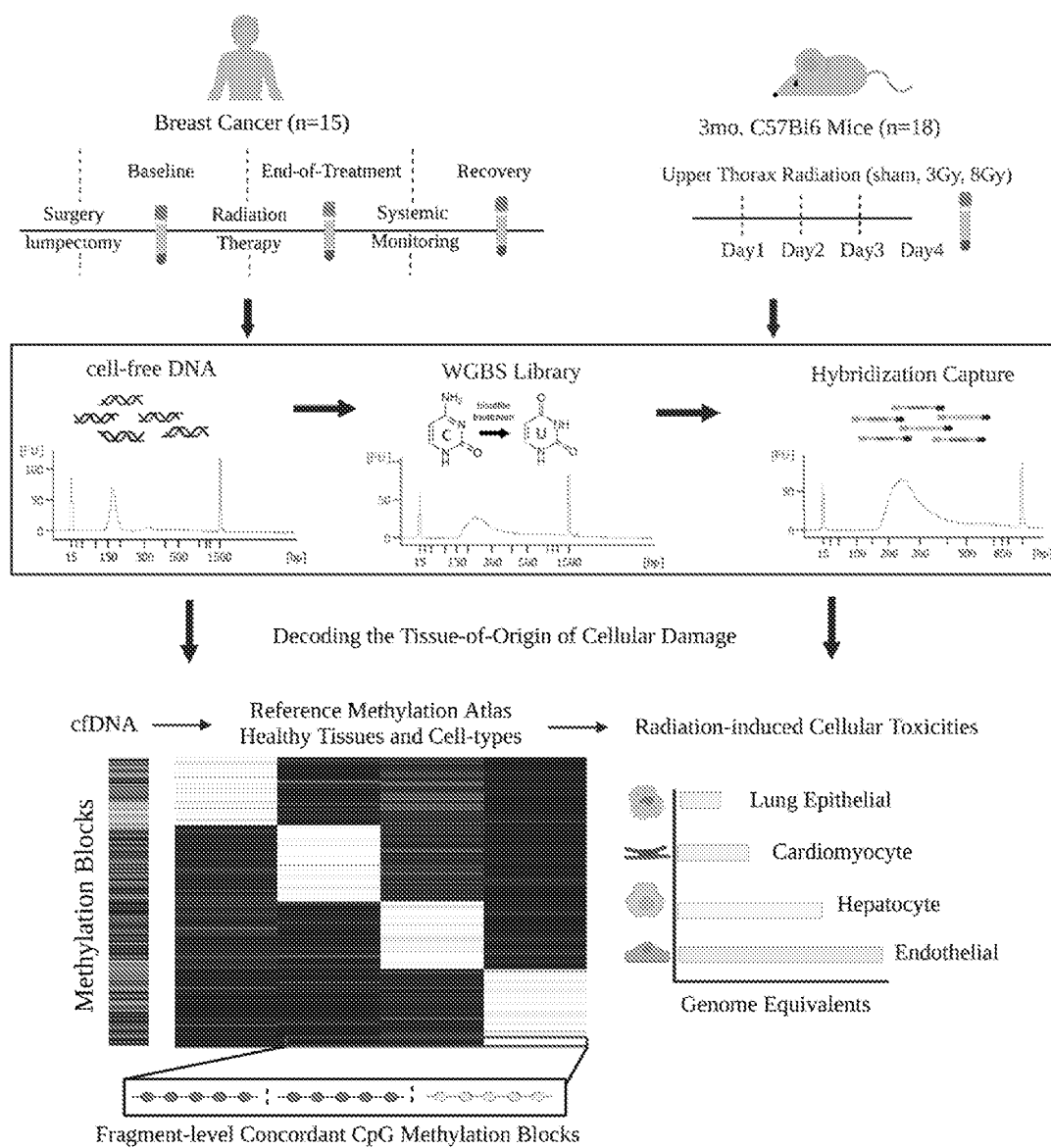


FIG. 2

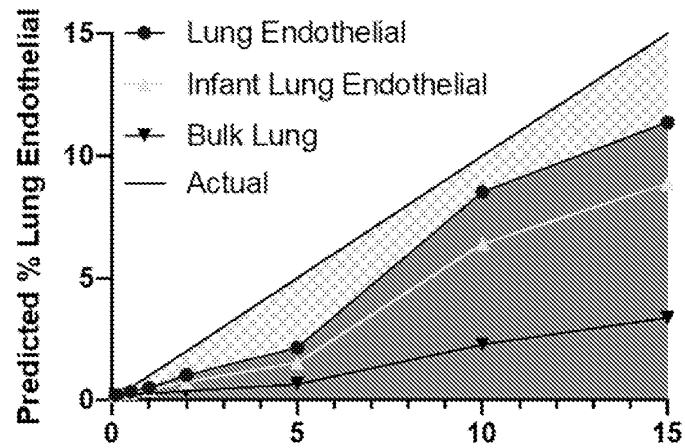
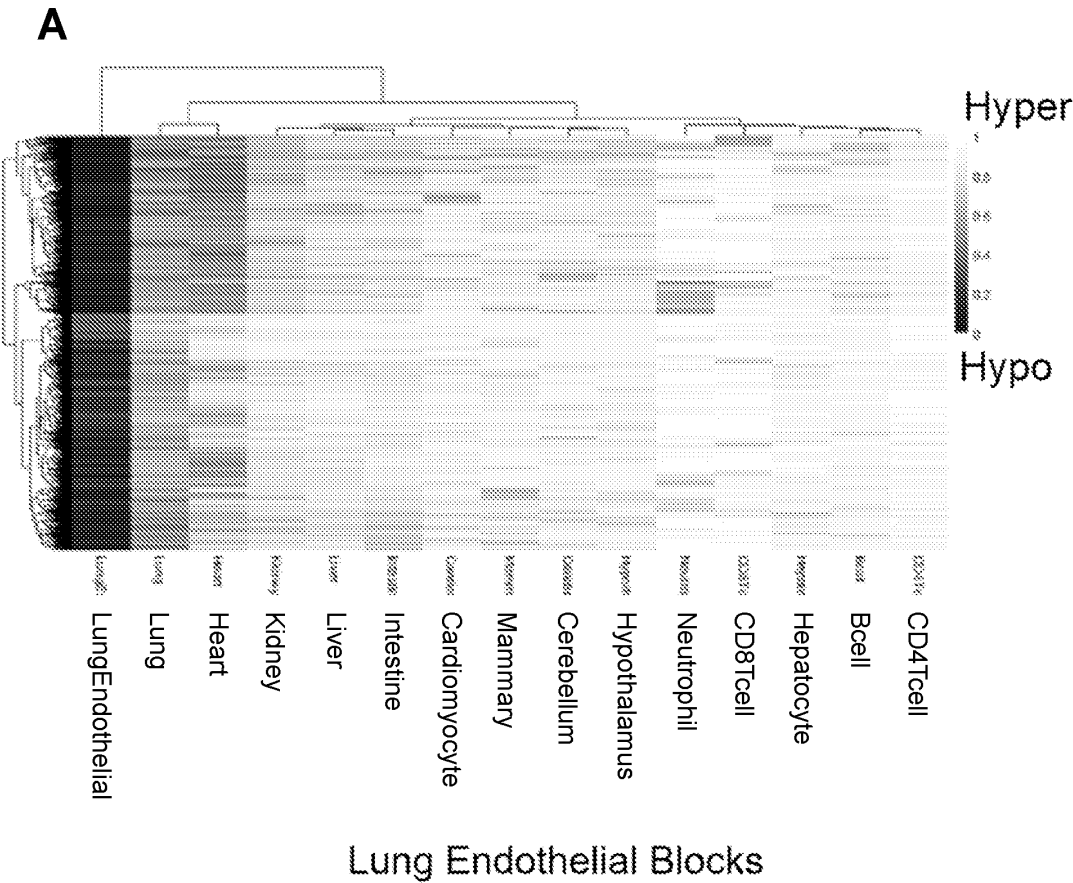


FIG. 3

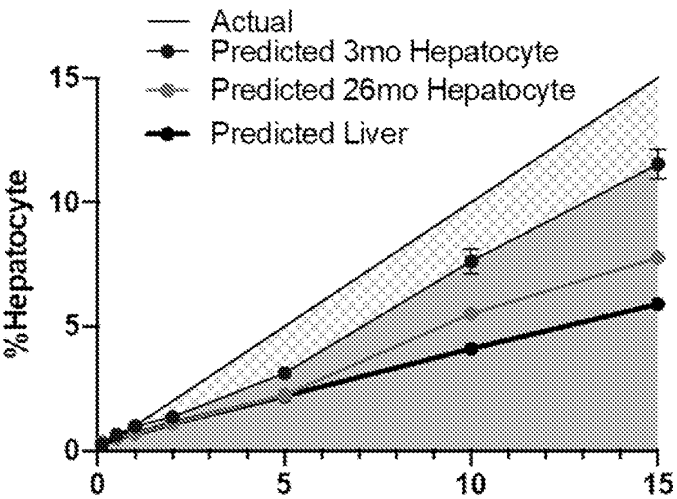
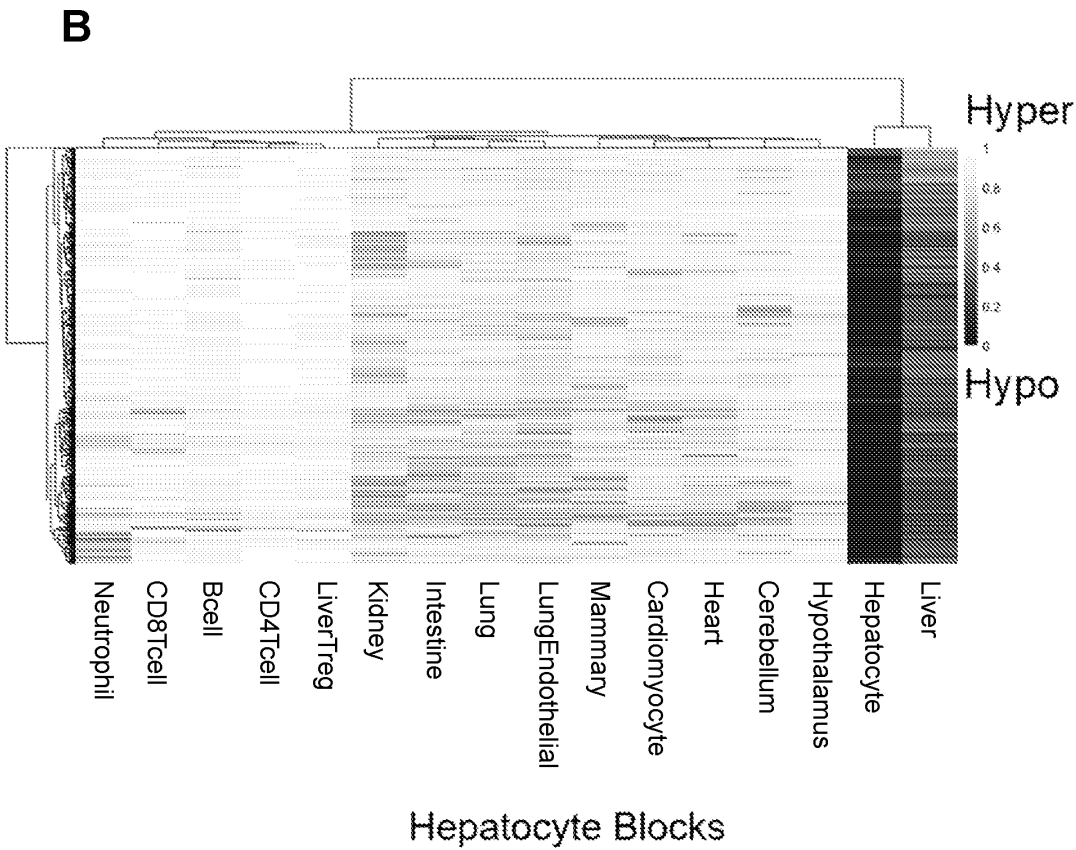


FIG. 3 (cont.)

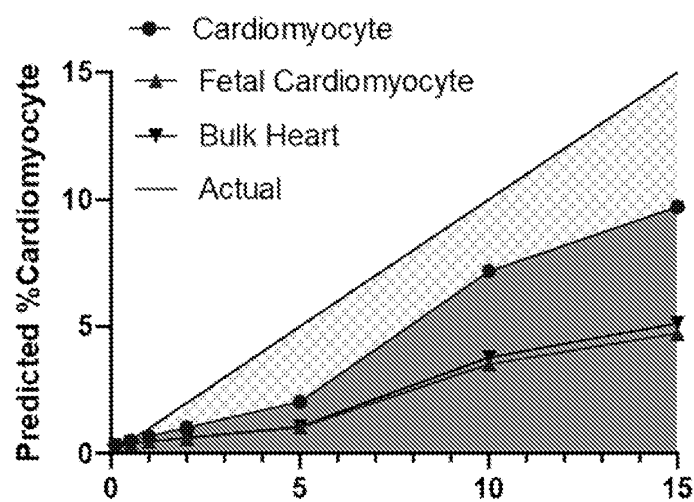
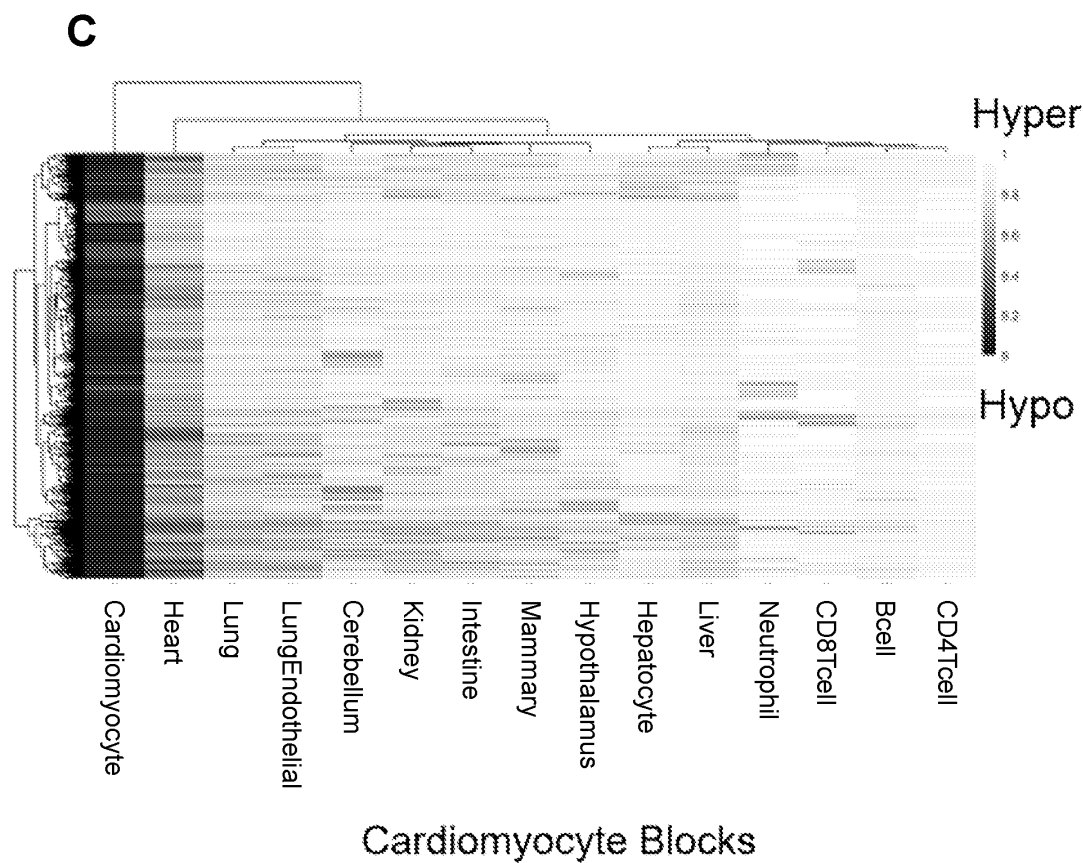
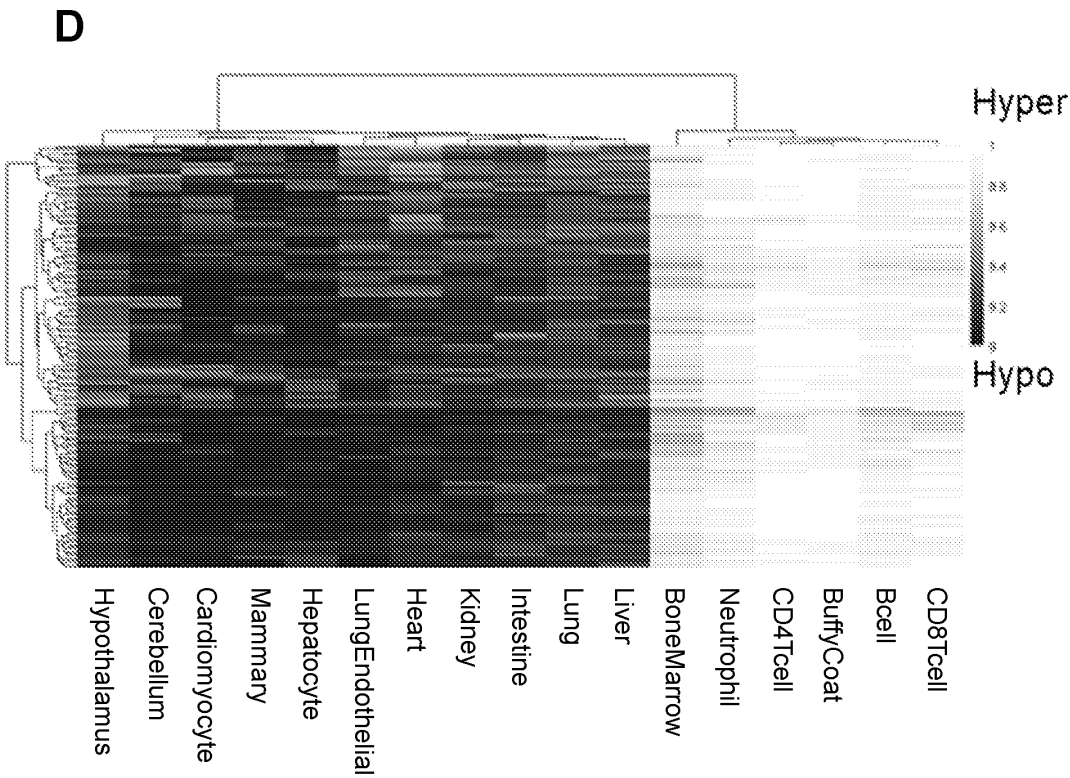


FIG. 3 (cont.)



Immune vs Solid Organ Blocks

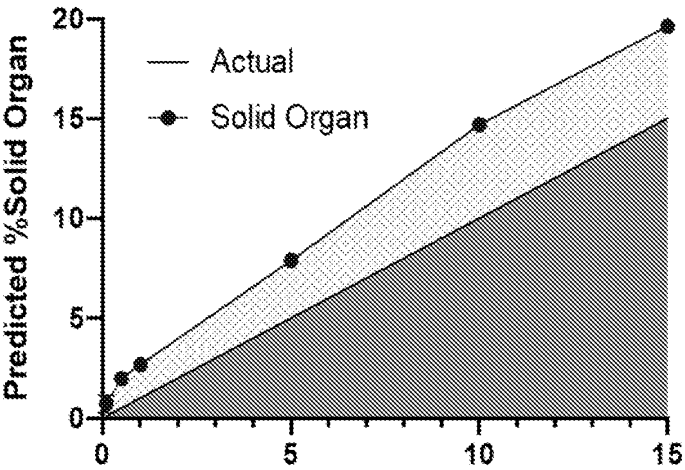


FIG. 3 (cont.)

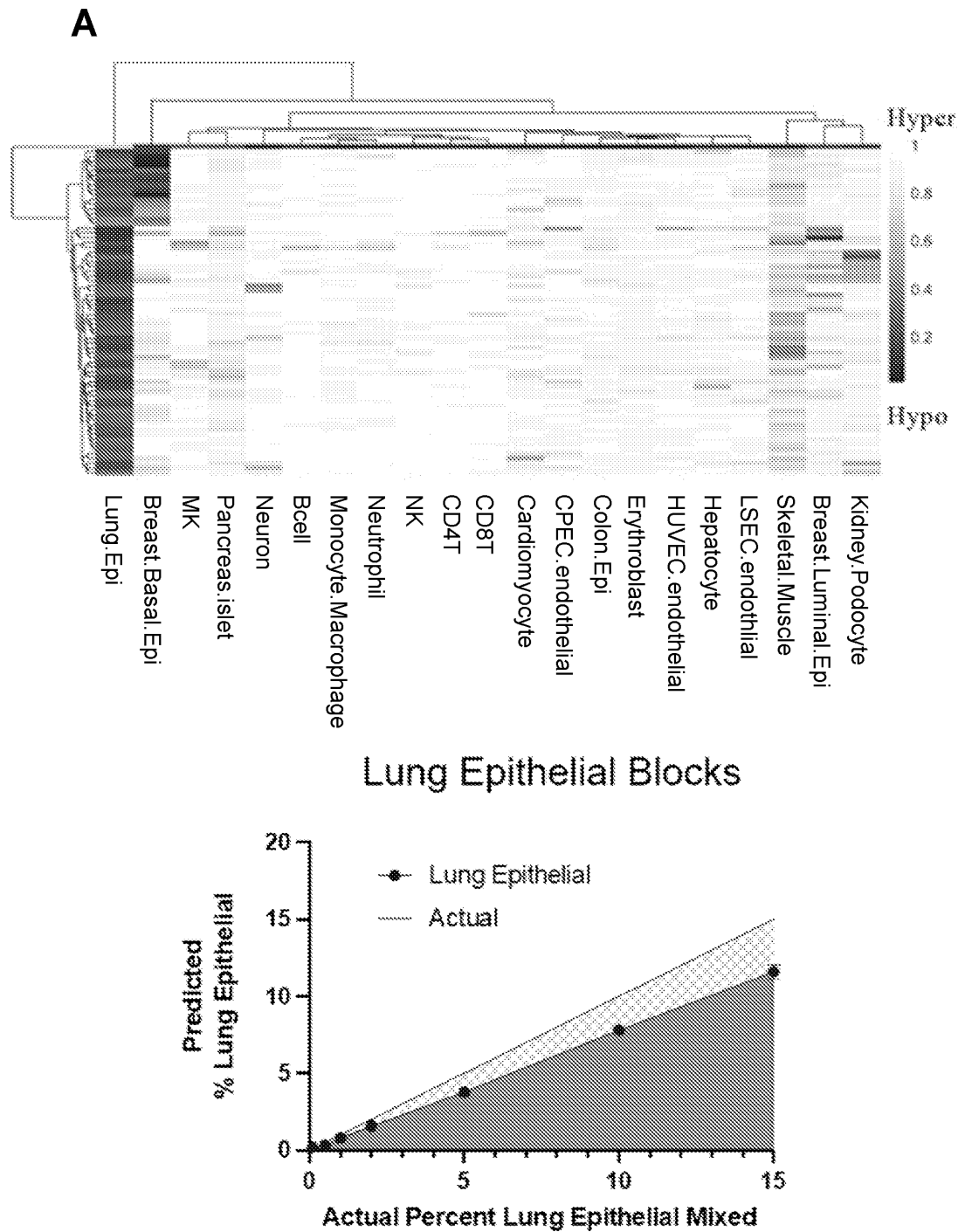


FIG. 4

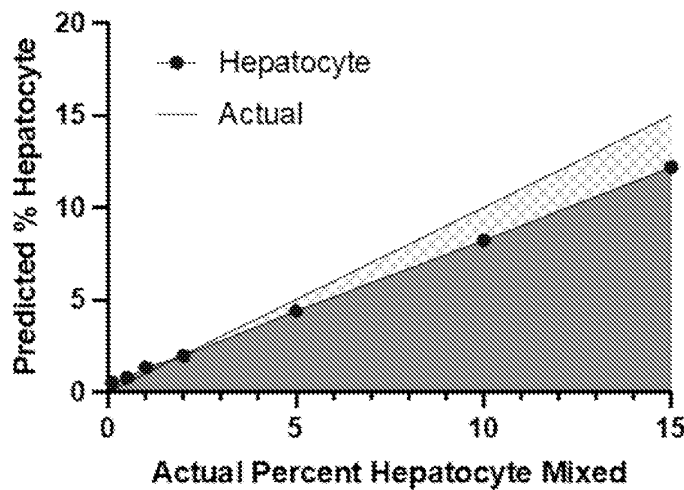
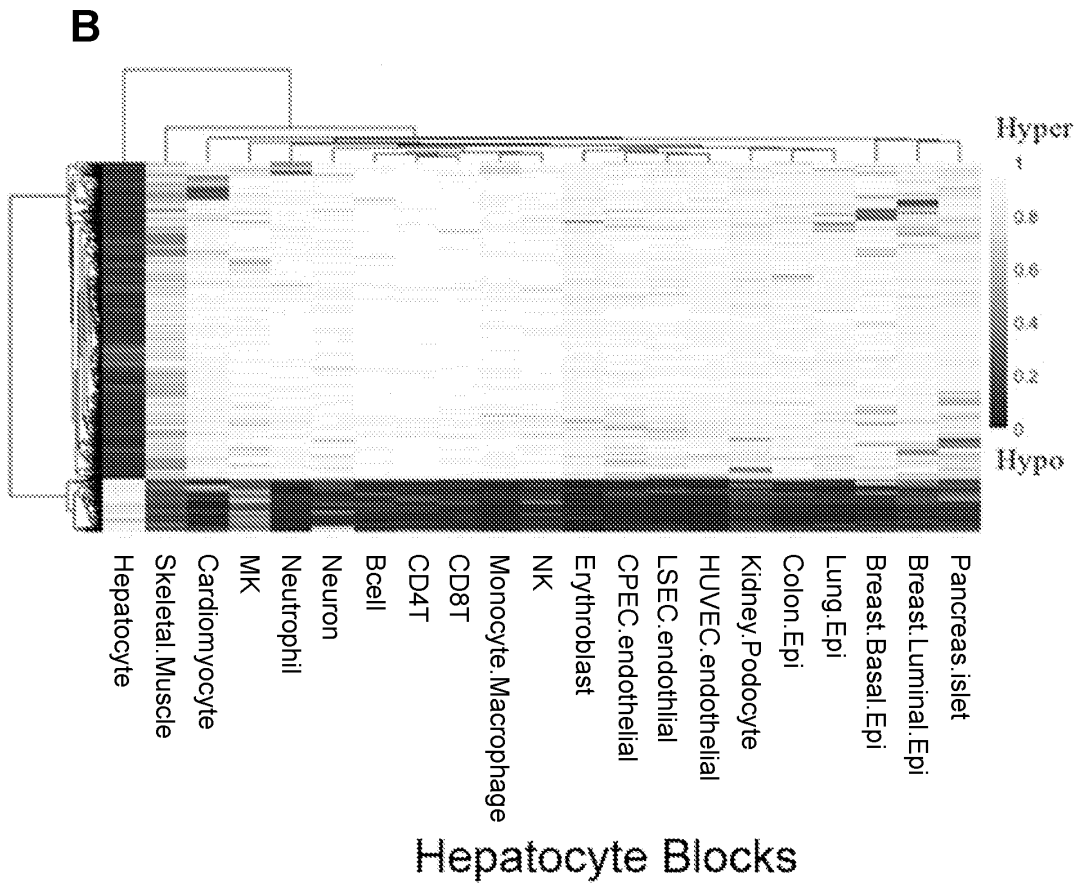
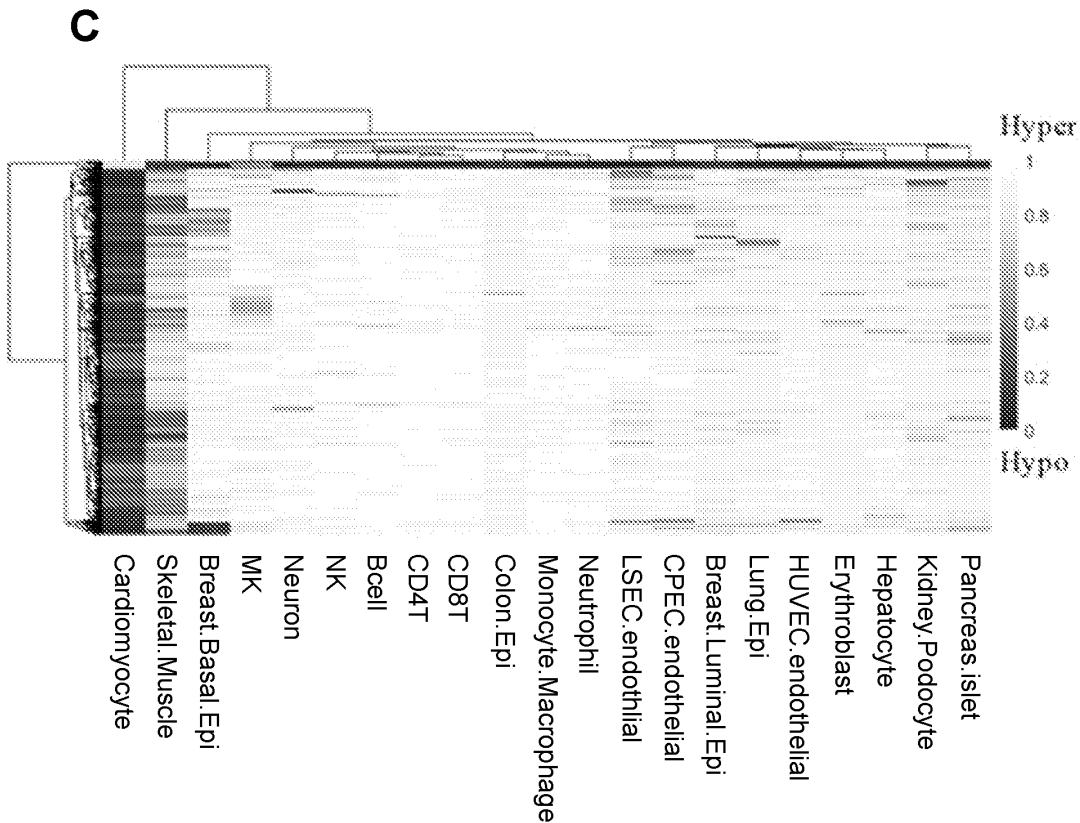


FIG. 4 (cont.)



Cardiomycocyte Blocks

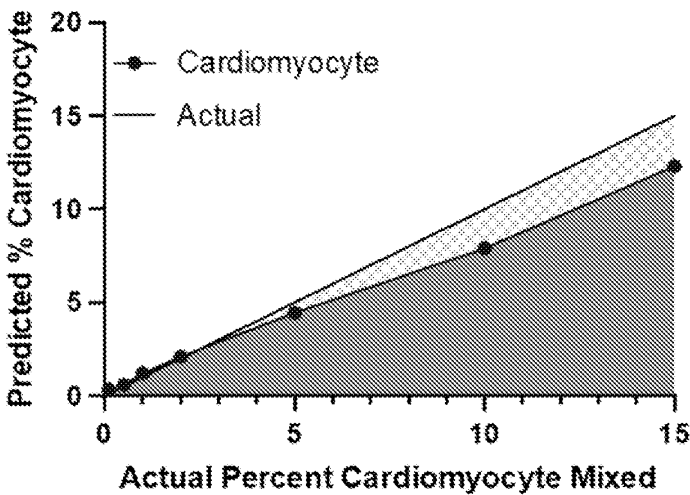
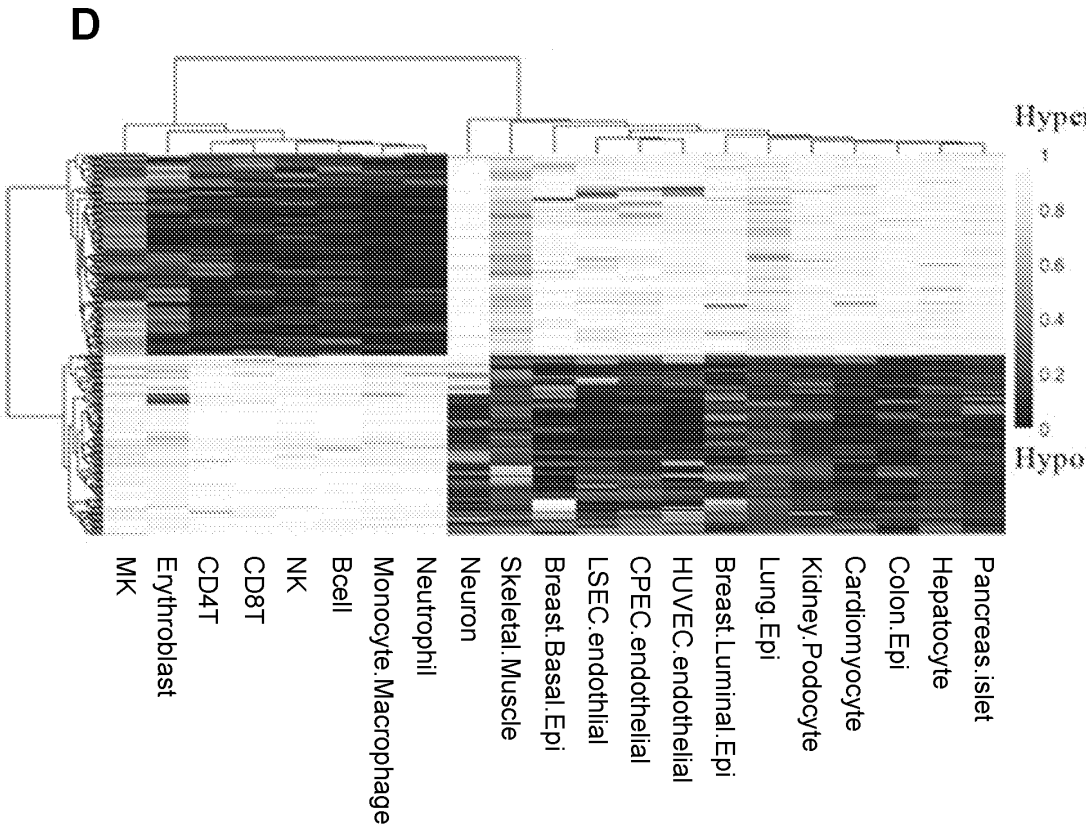


FIG. 4 (cont.)



Immune vs Solid Organ Blocks

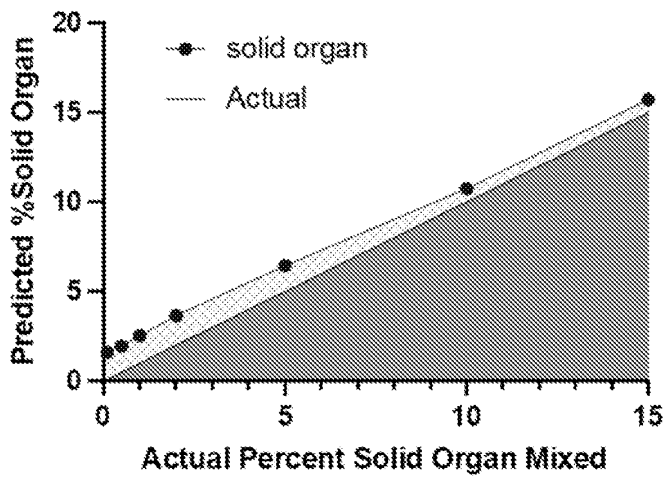
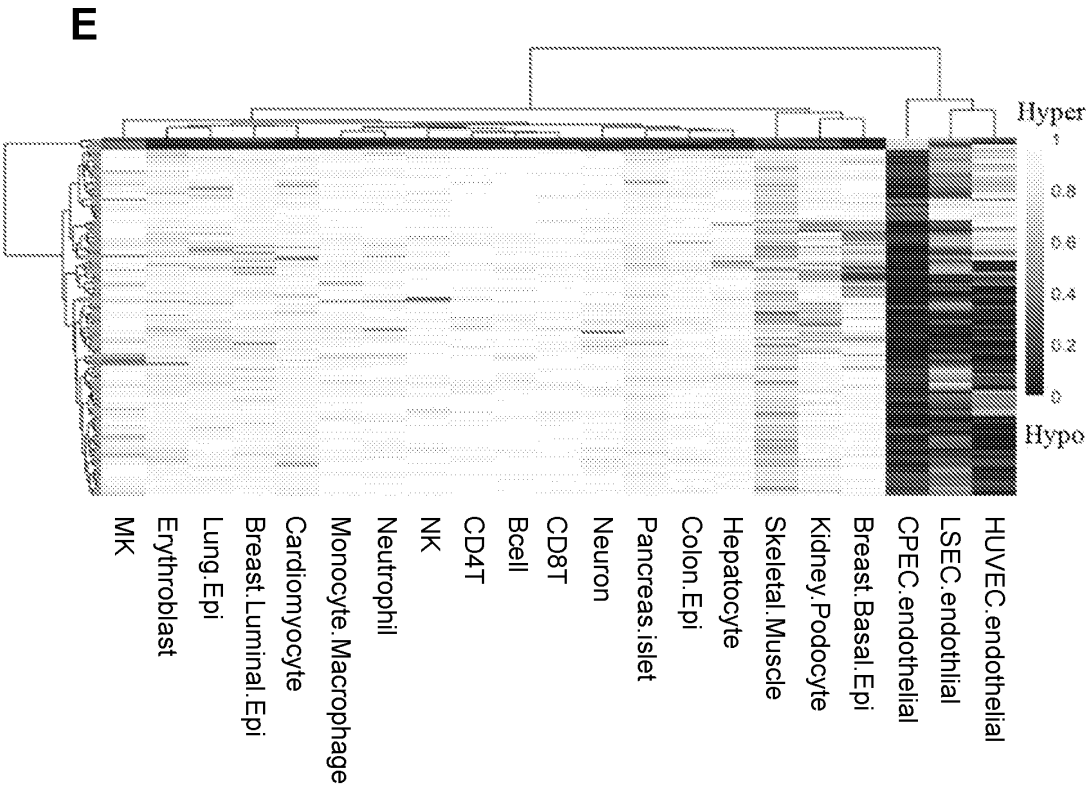


FIG. 4 (cont.)



CPEC Blocks

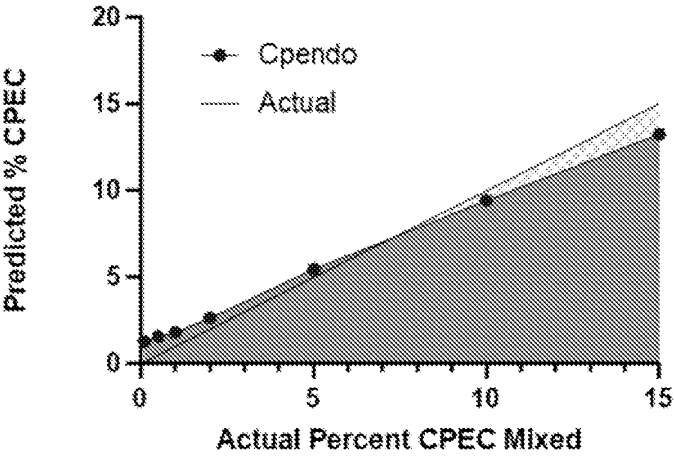


FIG. 4 (cont.)

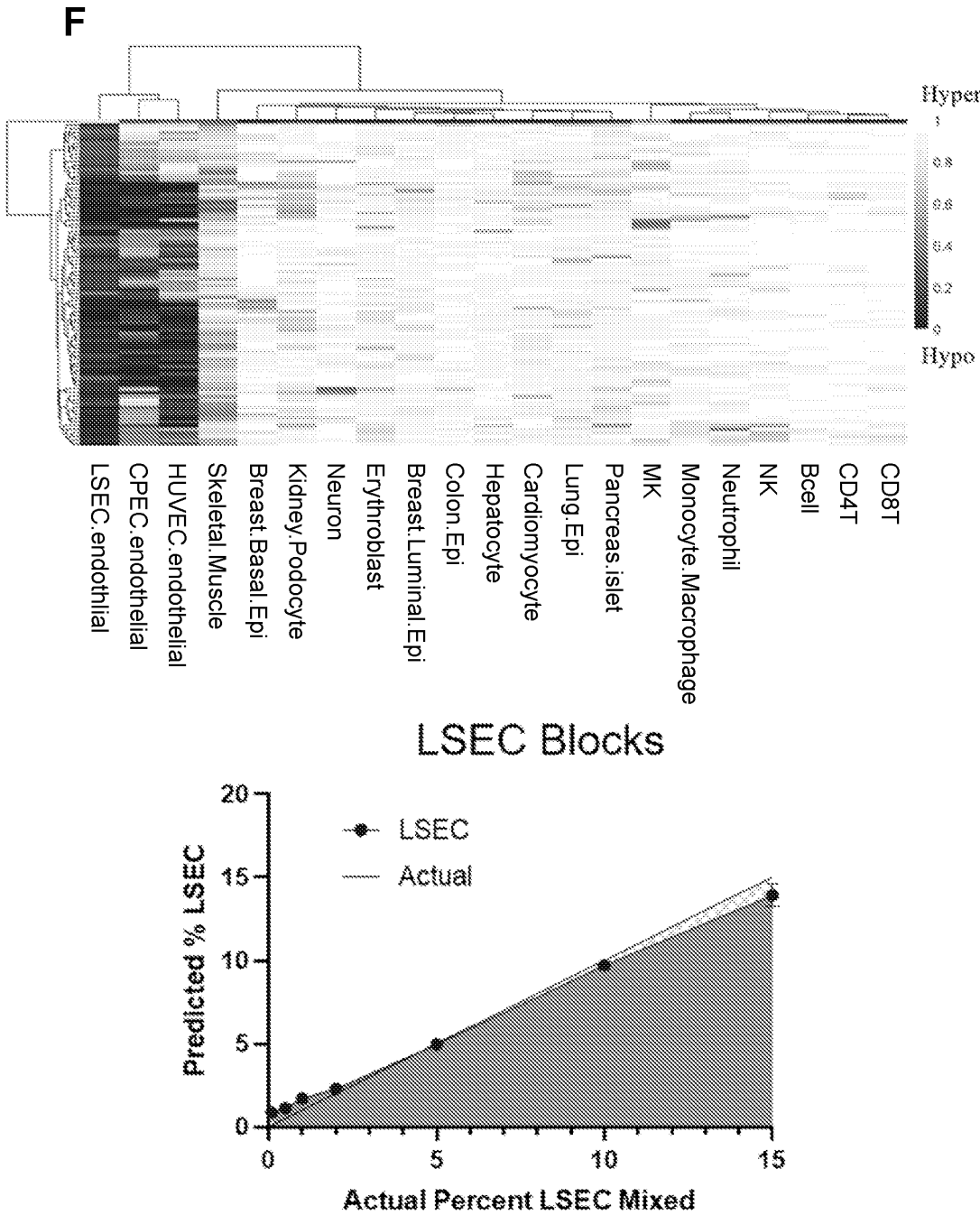


FIG. 4 (cont.)

A

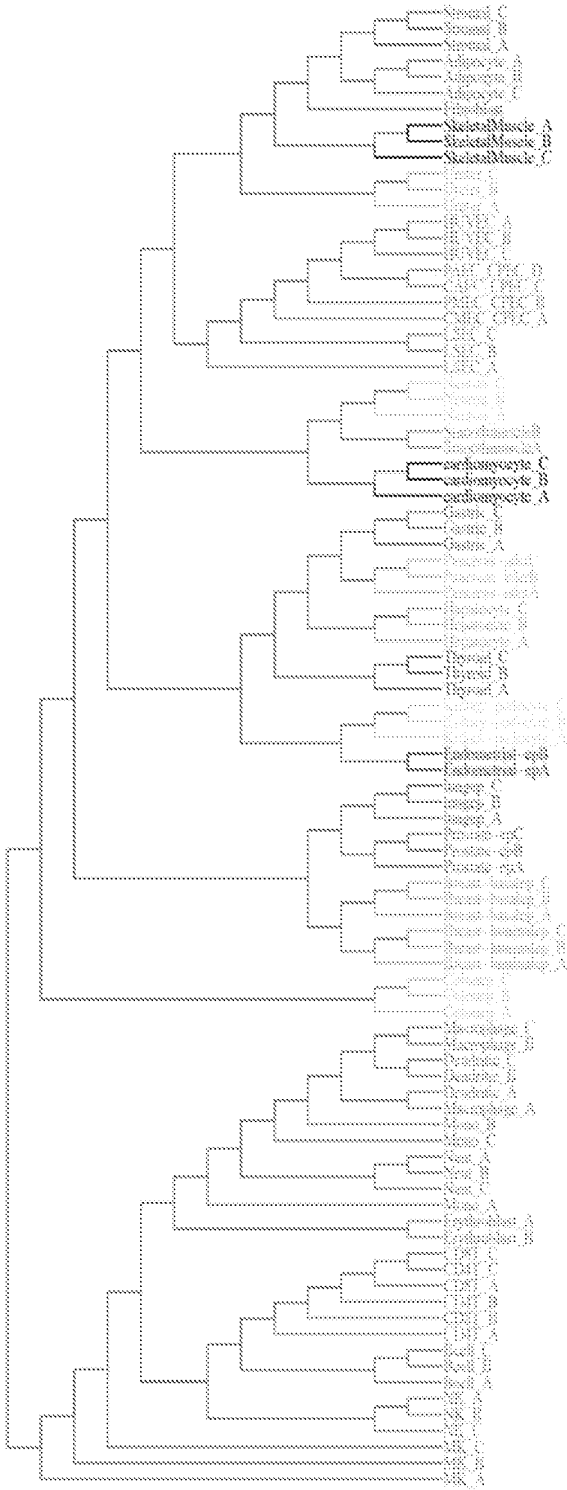


FIG. 5

B

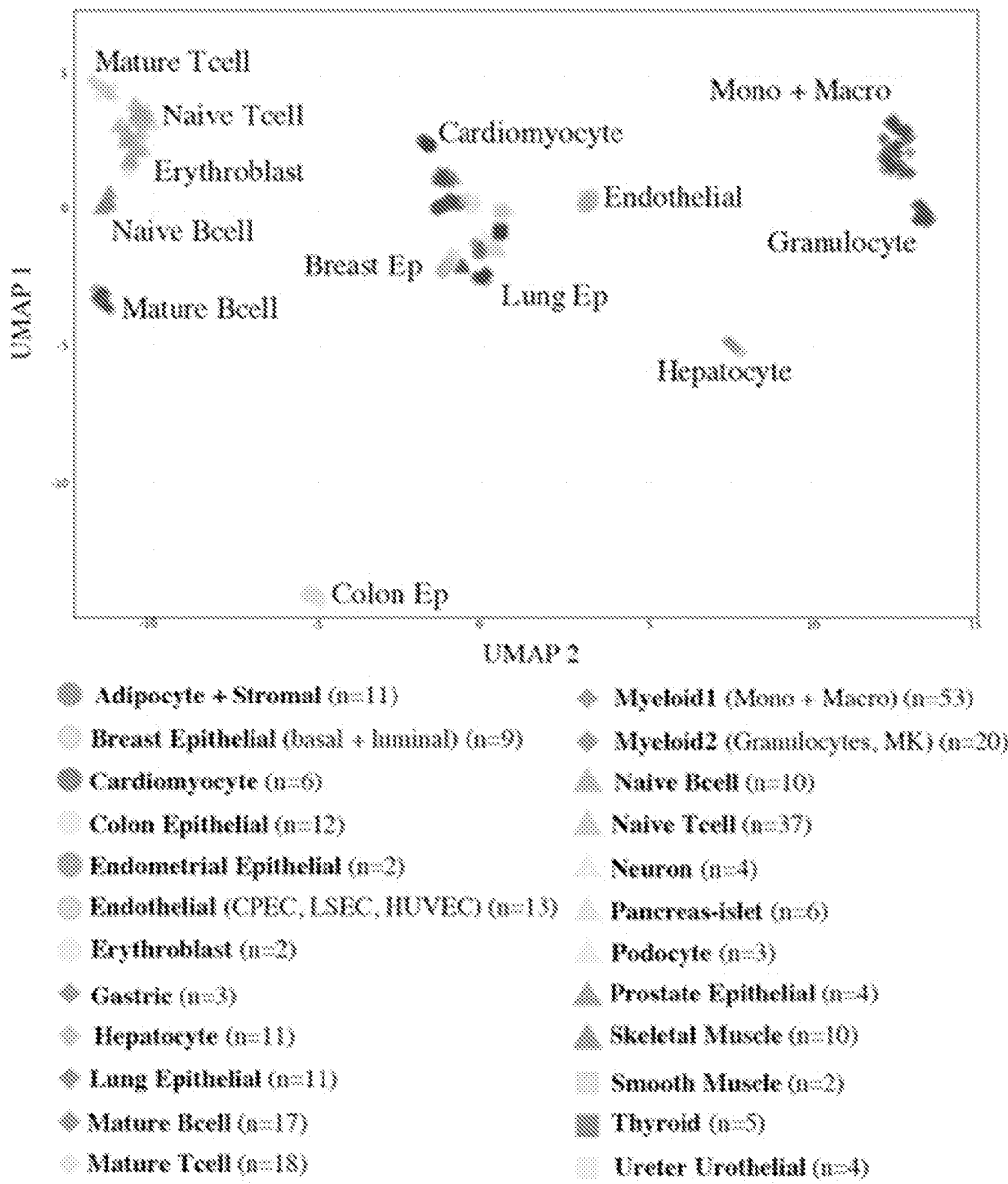


FIG. 5 (cont.)

C

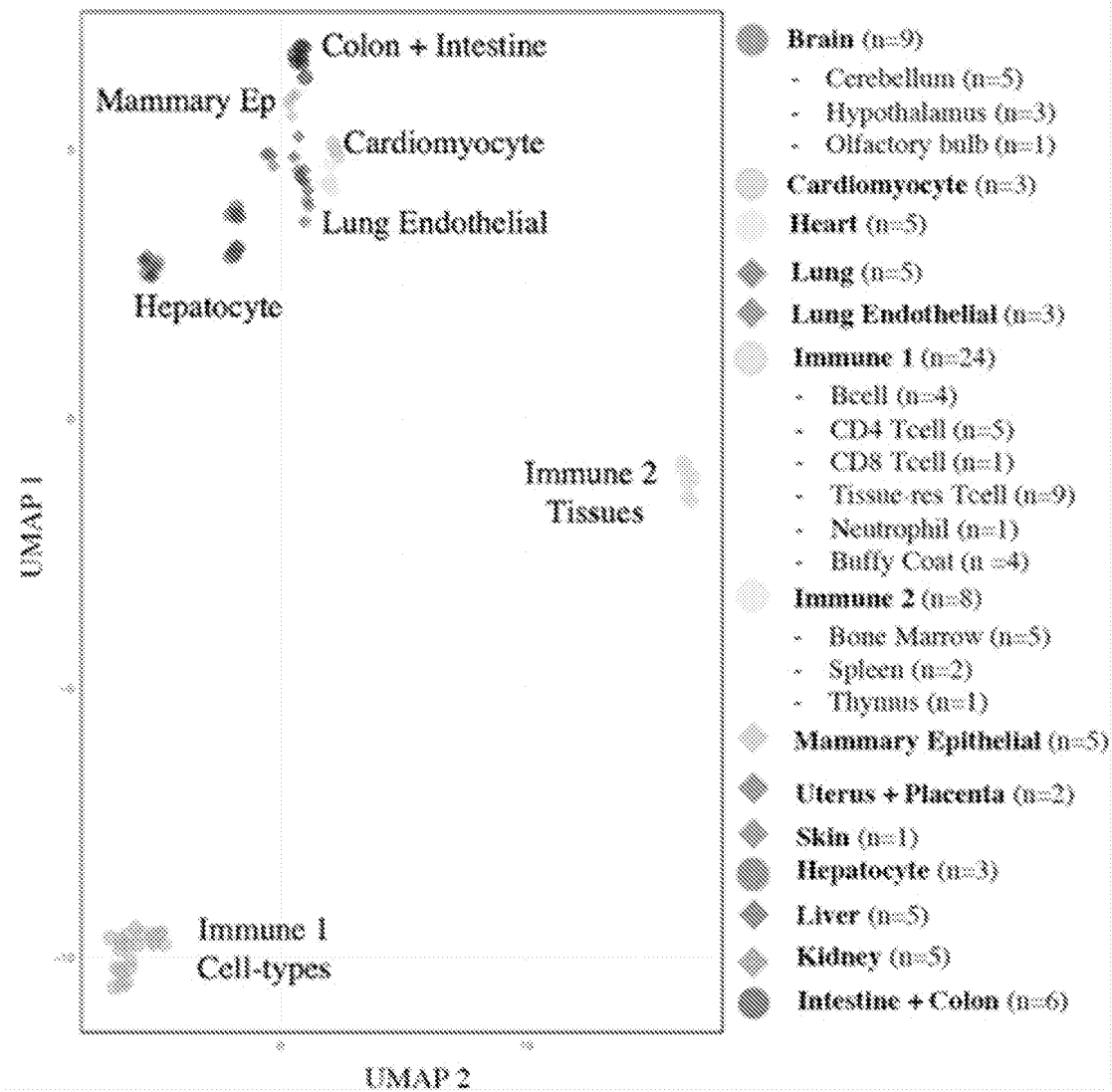


FIG. 5 (cont.)

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A

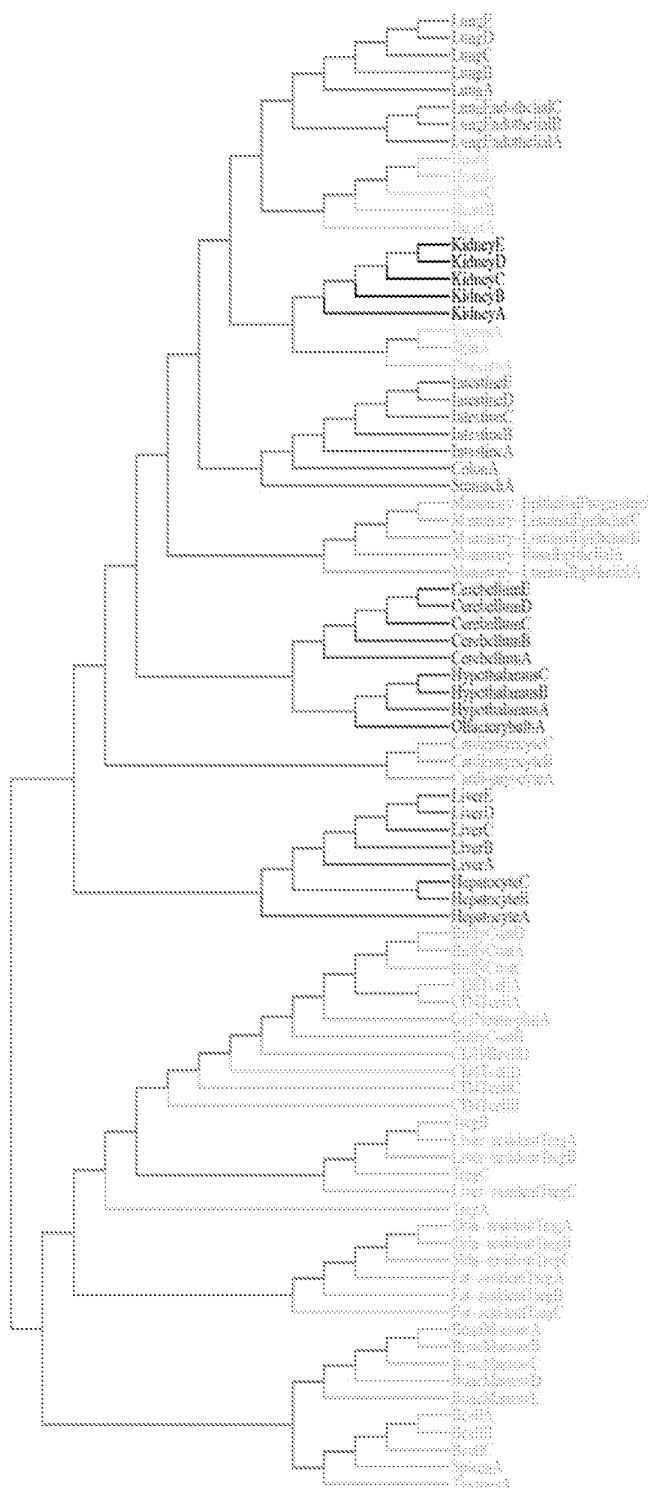


FIG. 6

B

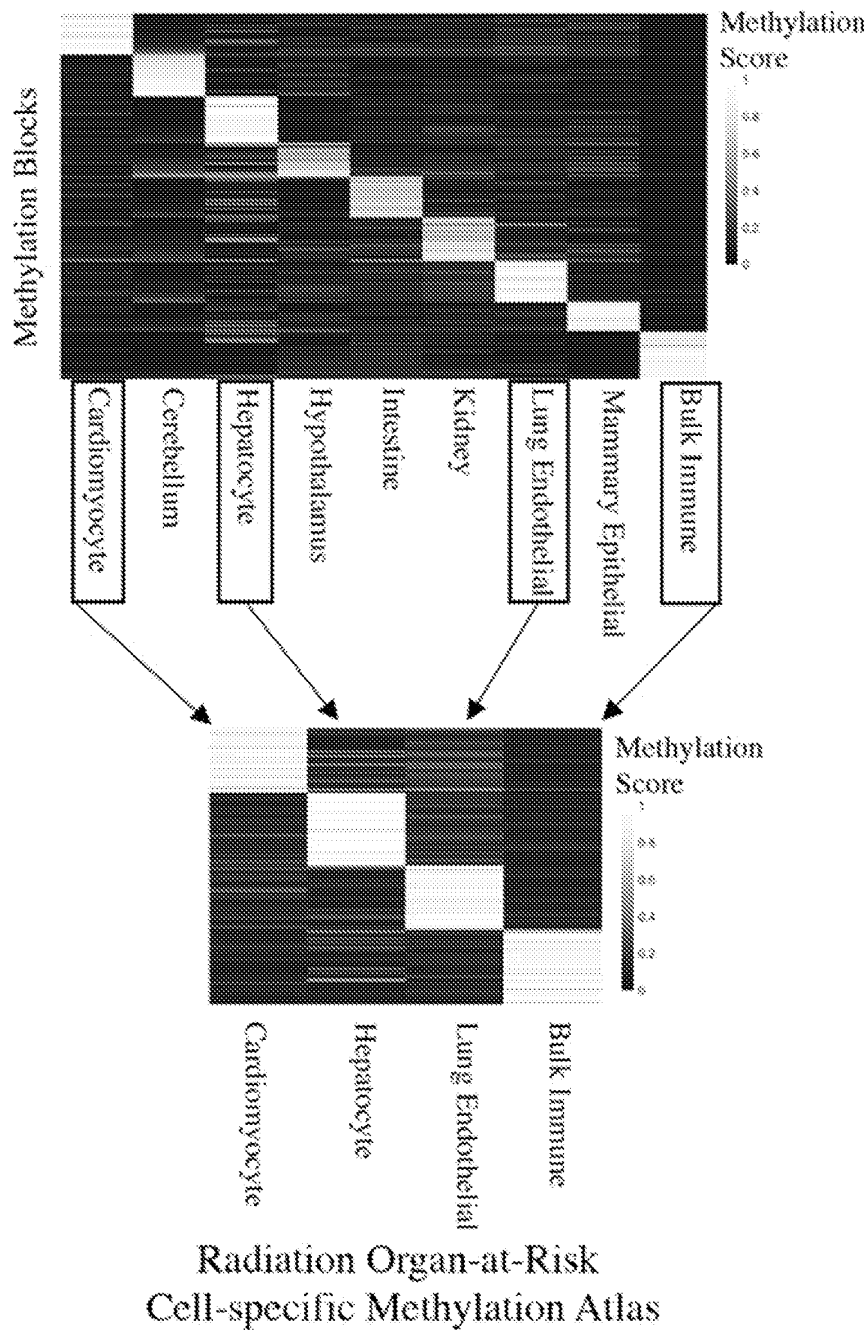
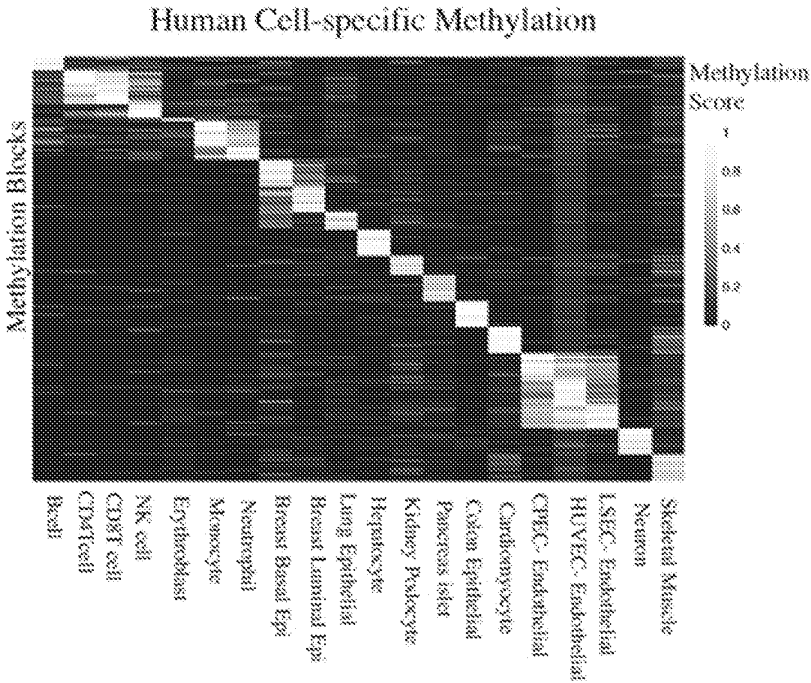


FIG. 6 (cont.)

A



B

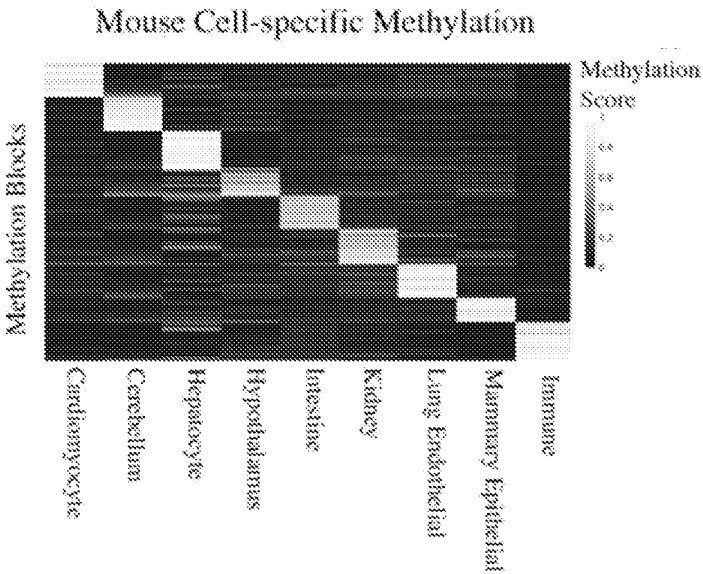


FIG. 7

C

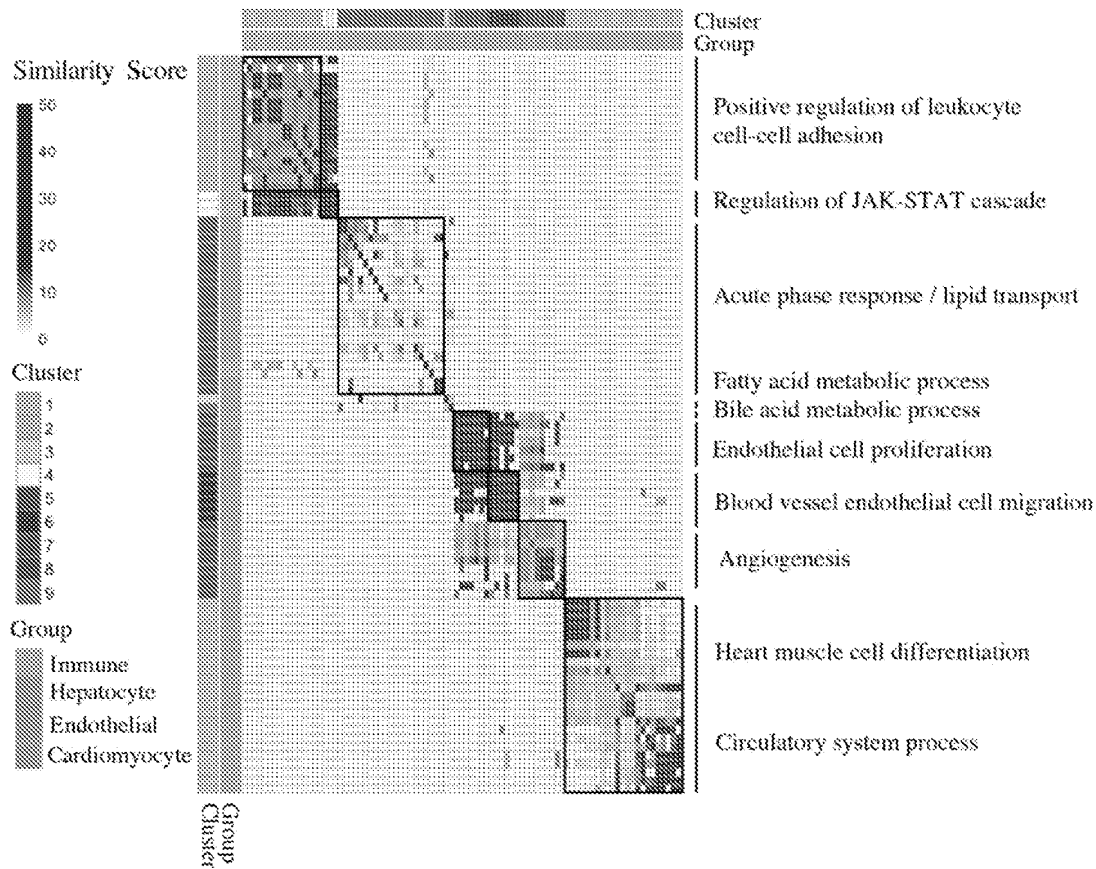


FIG. 7 (cont.)

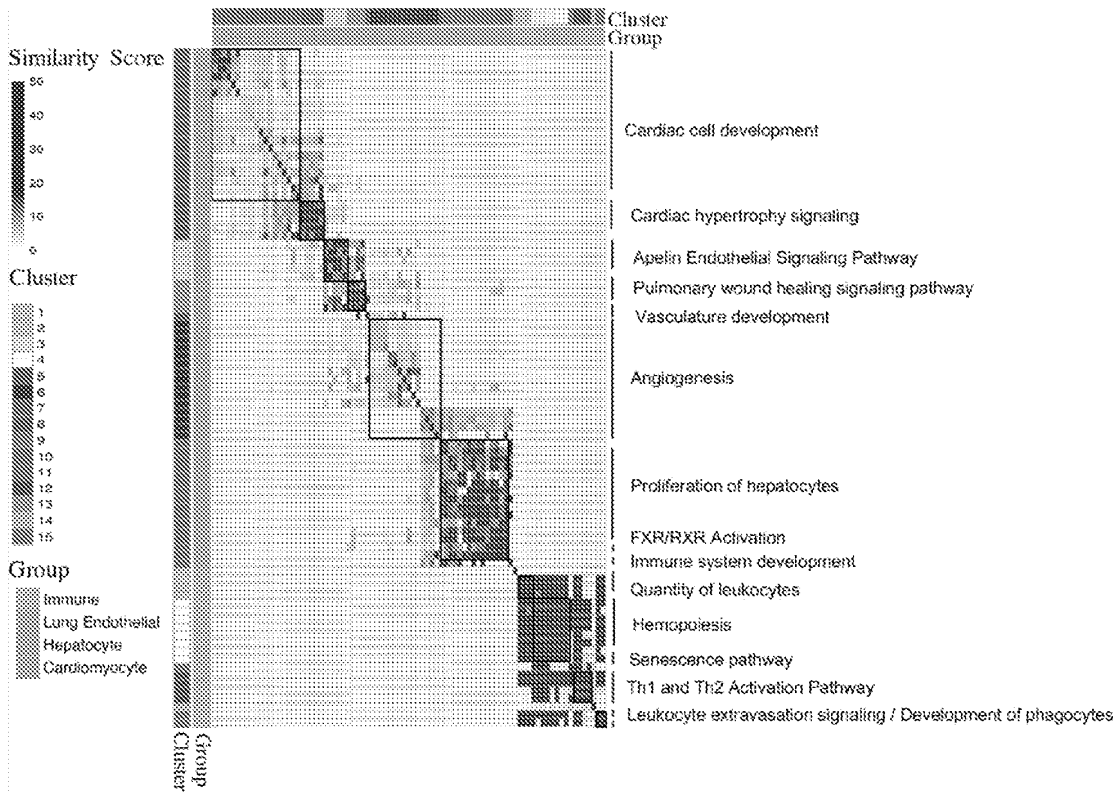
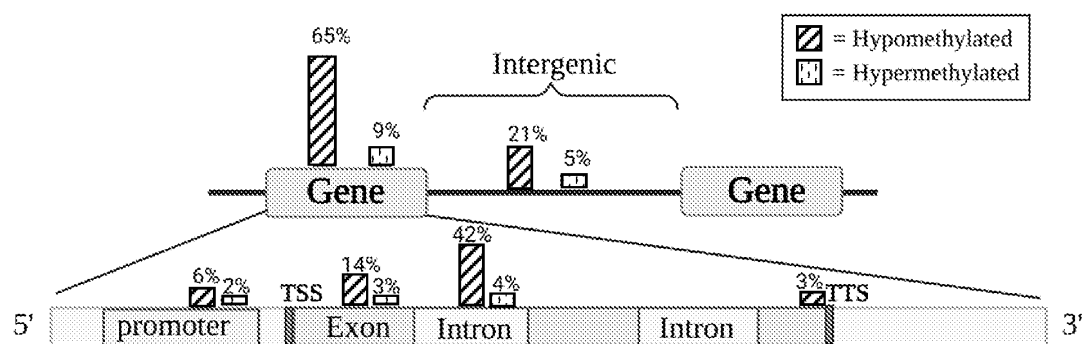
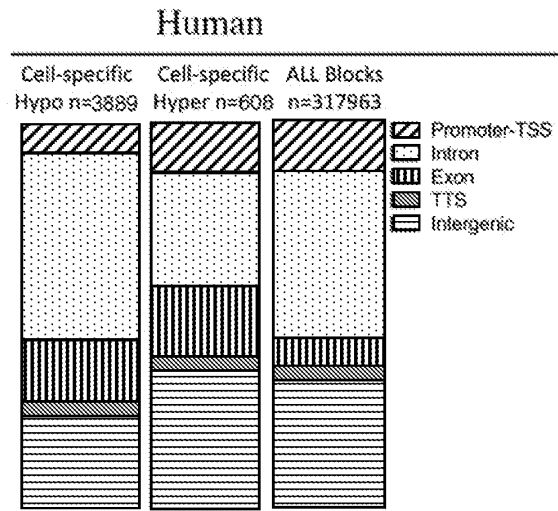


FIG. 8

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A**FIG. 9**

B



C

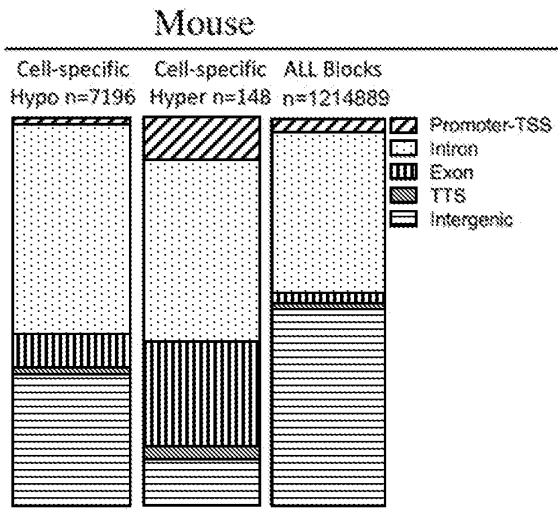


FIG. 9 (cont.)

D

Cell-specific Hypomethylation			Cell-specific Hypermethylation		
Human - 3889			Human - 608		
Motif	Known	p-value	Motif	Known	p-value
	Mef2c(MADS)	1e-20		HOXB13(Homeobox)	1e-8
	Mef2a(MADS)	1e-9		Cdx2(Homeobox)	1e-6
	Mef2b(MADS)	1e-17		Hoxa11(Homeobox)	1e-5
	Foxd1(Forkhead)	1e-14		Hoxc9(Homeobox)	1e-5
	Cdx2(Homeobox)	1e-13		Oct4(Homeobox)	1e-5
Mouse - 7196			Mouse - 148		
Motif	Known	p-value	Motif	Known	p-value
	Mef2c(MADS)	1e-151		TEAD2(TEA)	1e-6
	Mef2d(MADS)	1e-138		NF1(CTF)	1e-5
	Mef2b(MADS)	1e-125		TEAD1(TEAD)	1e-4
	Mef2a(MADS)	1e-121		TEAD(TEA)	1e-4
	Gata4(Zf)	1e-43		TEAD3(TEA)	1e-3

FIG. 9 (cont.)

A

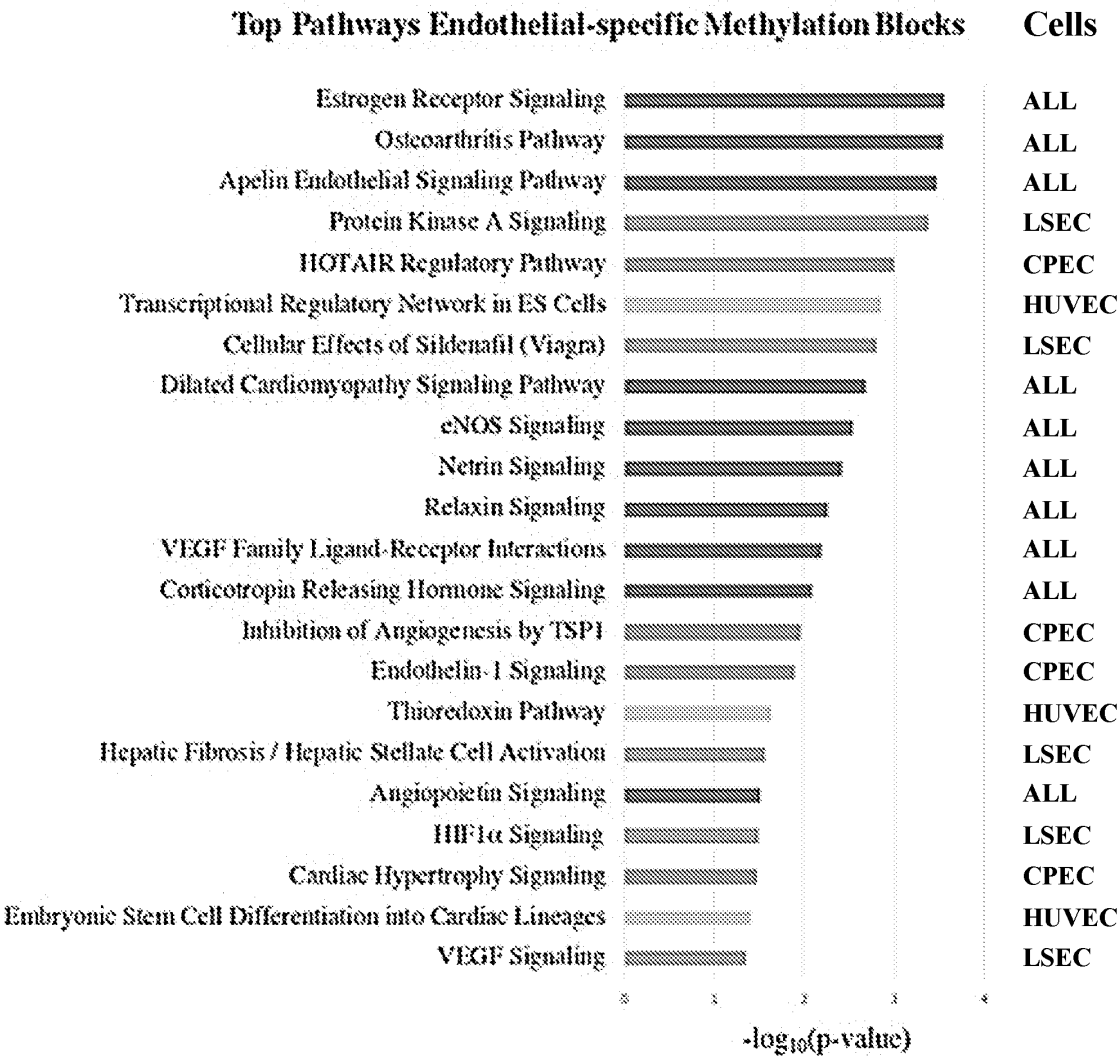


FIG. 10

B

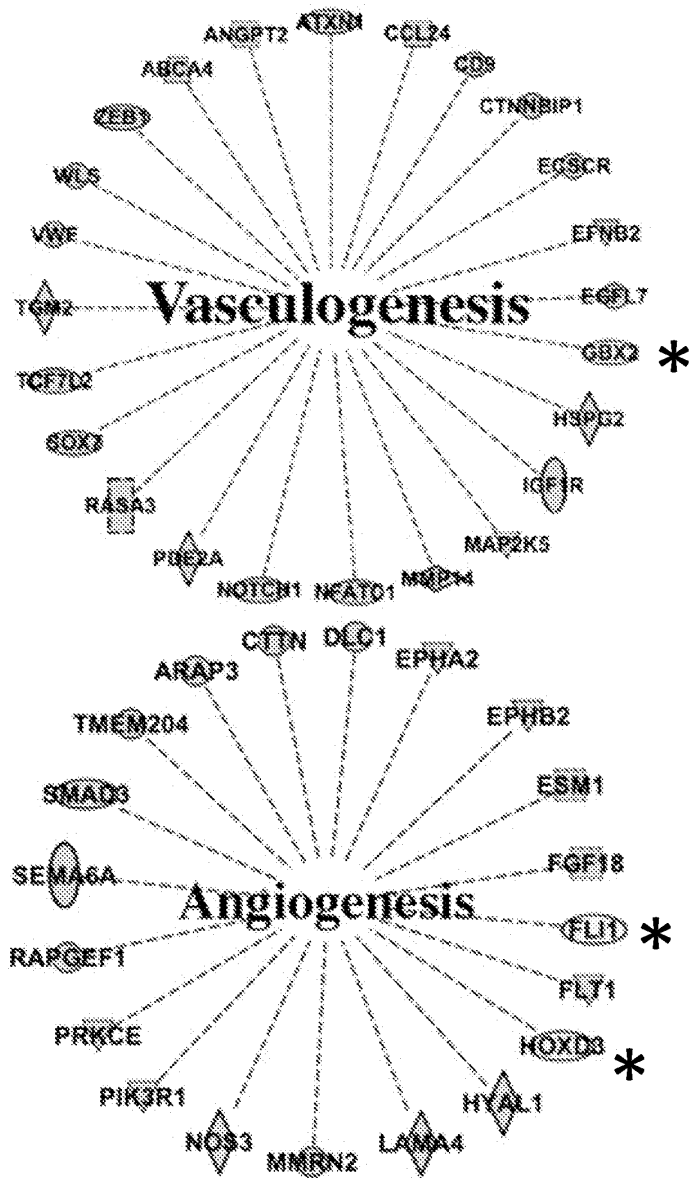


FIG. 10 (cont.)

C

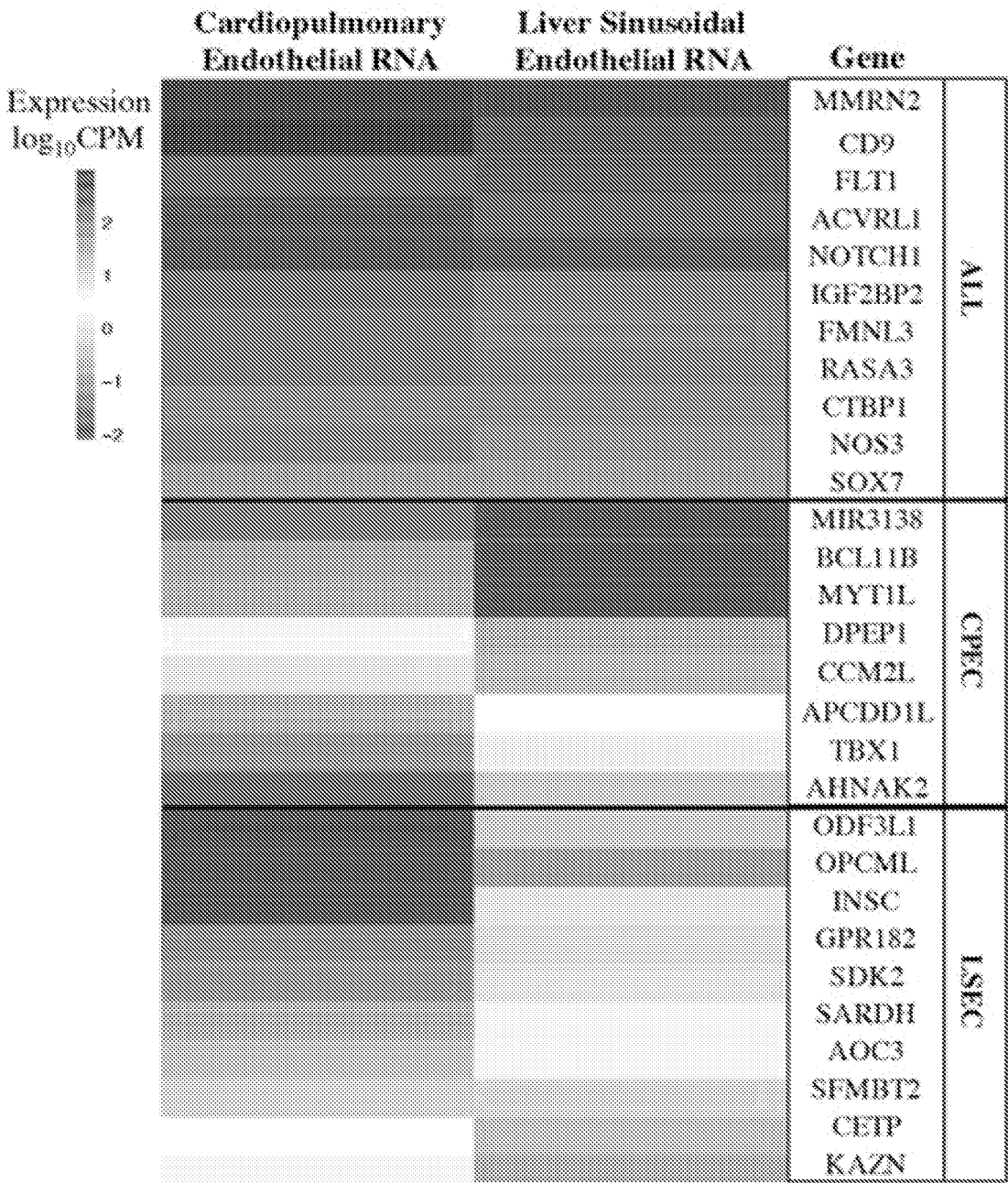


FIG. 10 (cont.)

D

Motif	de novo	p-value	Motif	Known	p-value
	EWS:ERG(ETS)	1.00E-31		ERG(ETS)	1.00E-22
	AP-1(bZIP)	1.00E-22		EWS:ERG(ETS)	1.00E-20
	Sox6	1.00E-16		Etv2(ETS)	1.00E-17
	ETV4	1.00E-12		Fos(bZIP)	1.00E-15
	P80181.1(SPDEF)	1.00E-12		Fli1(ETS)	1.00E-15

FIG. 10 (cont.)

E

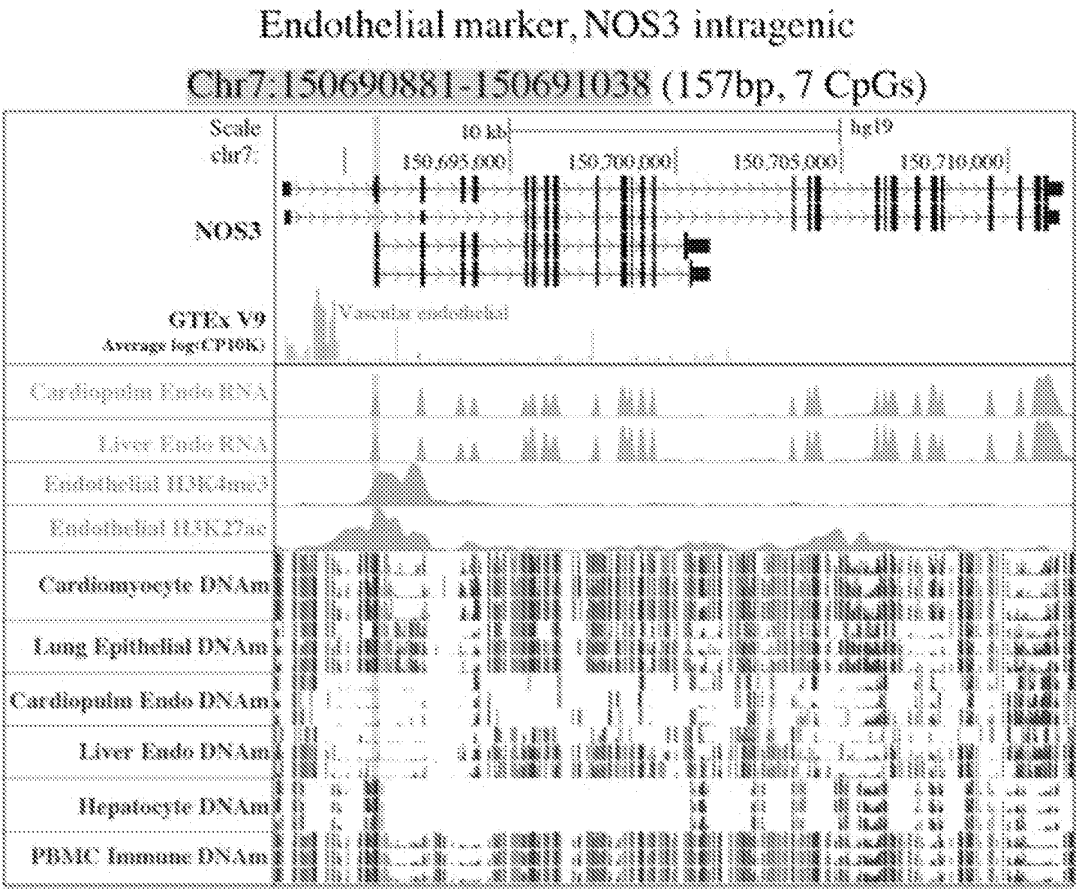


FIG. 10 (cont.)

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A



FIG. 11

B

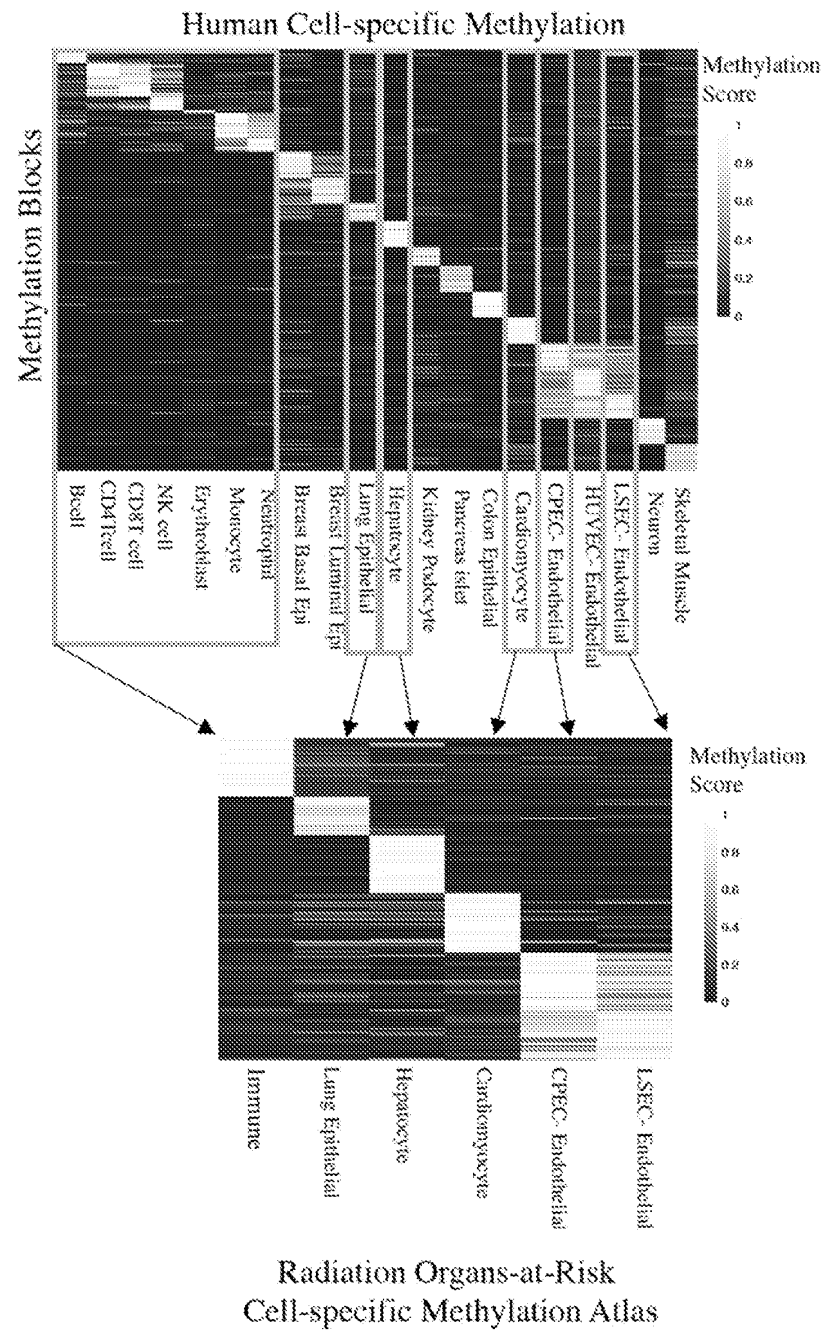
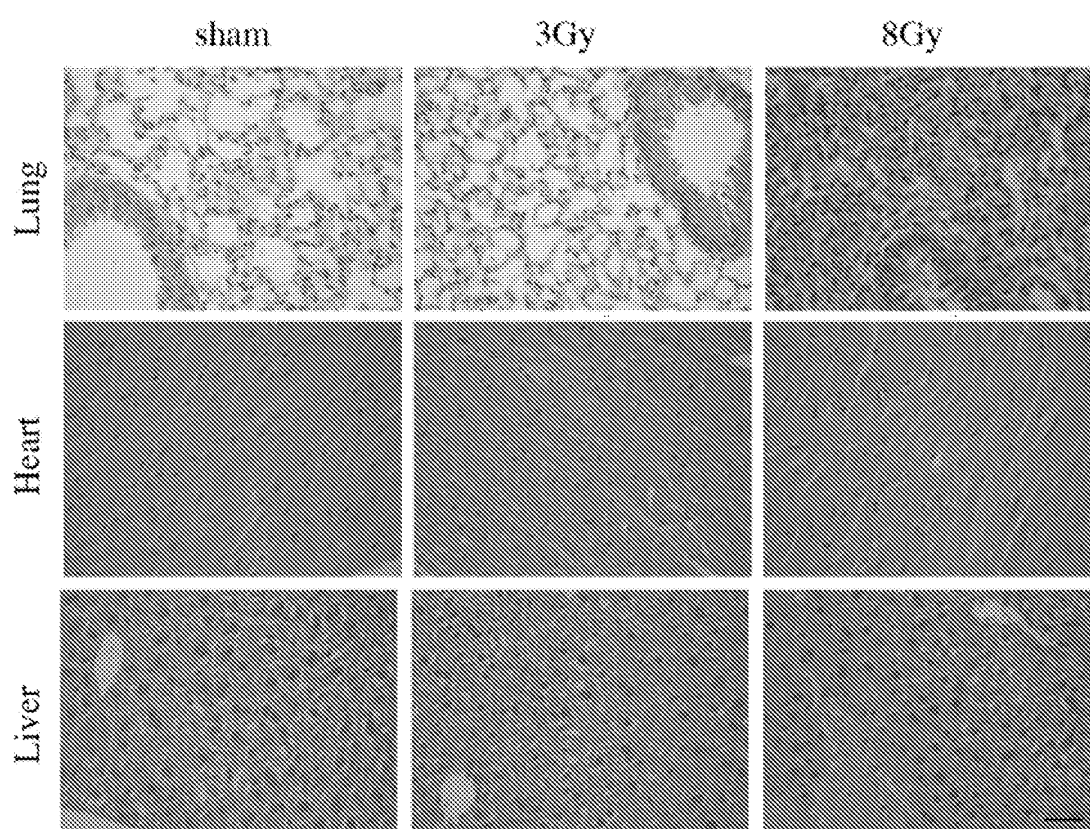


FIG. 11 (cont.)

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A**FIG. 12**

B

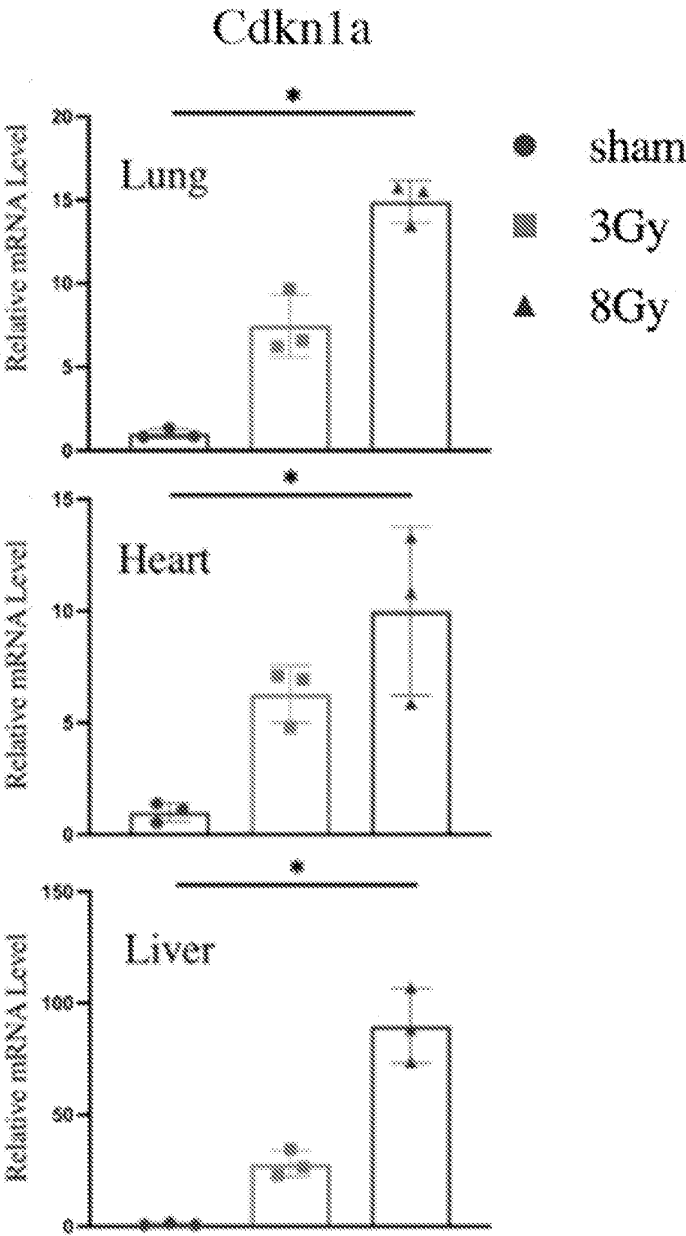
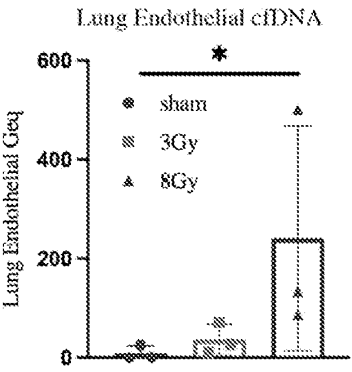


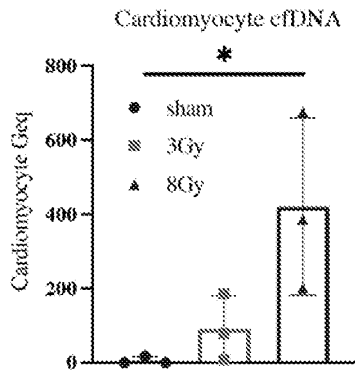
FIG. 12 (cont.)

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C



D



E

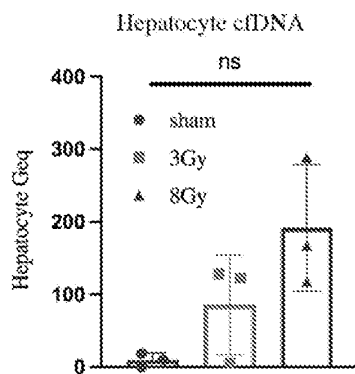
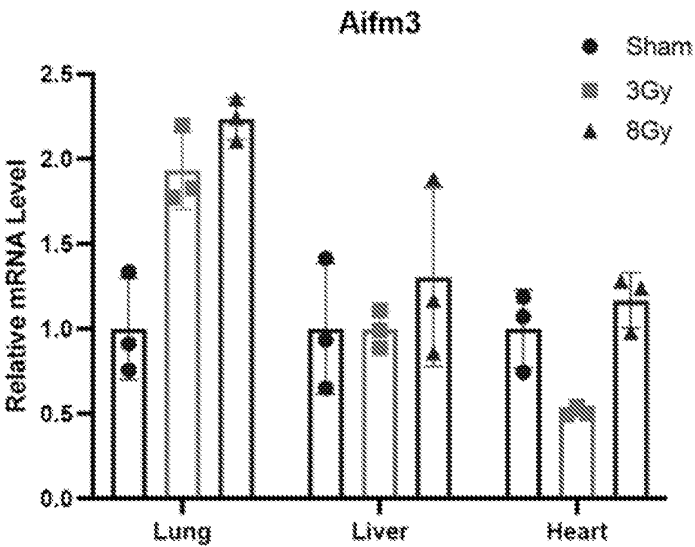


FIG. 12 (cont.)

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A



B

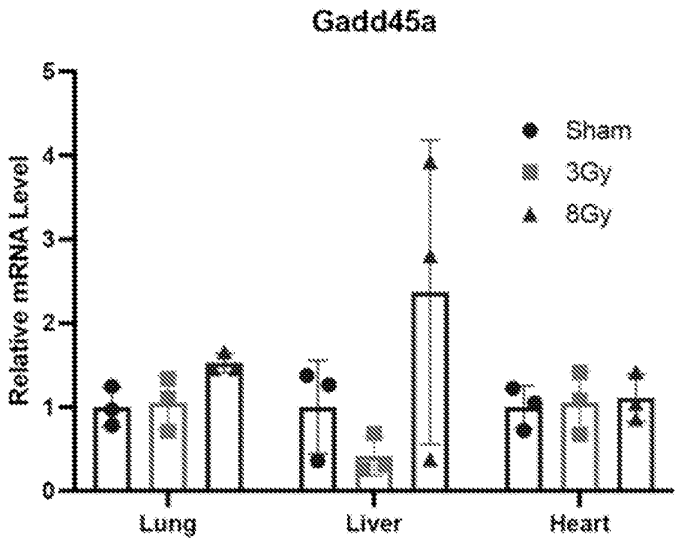
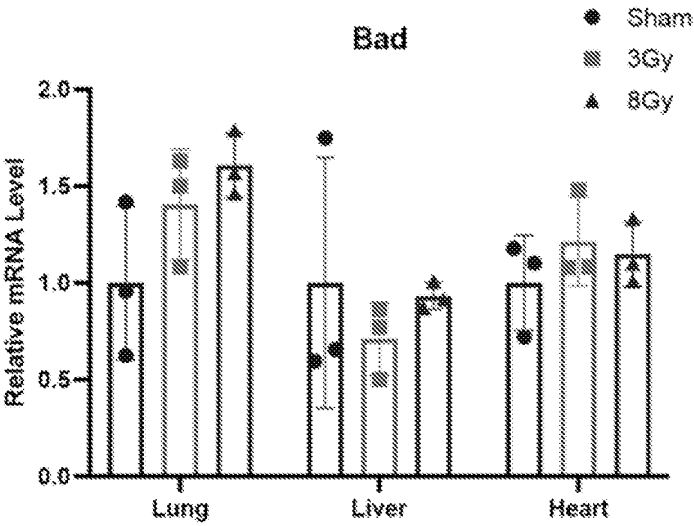


FIG. 13

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C



D

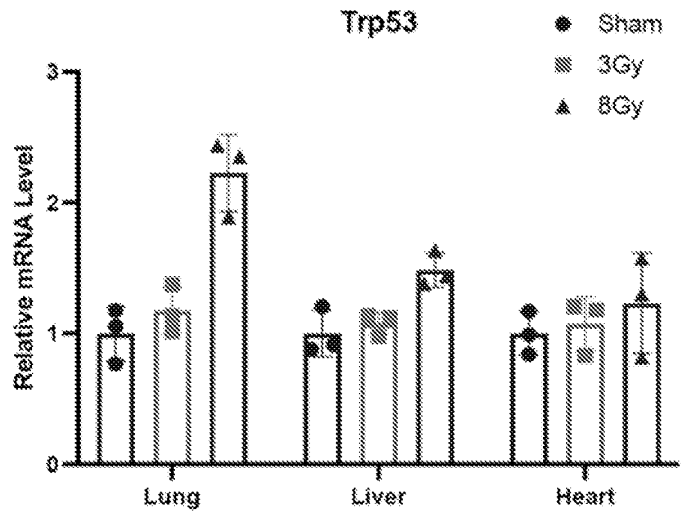
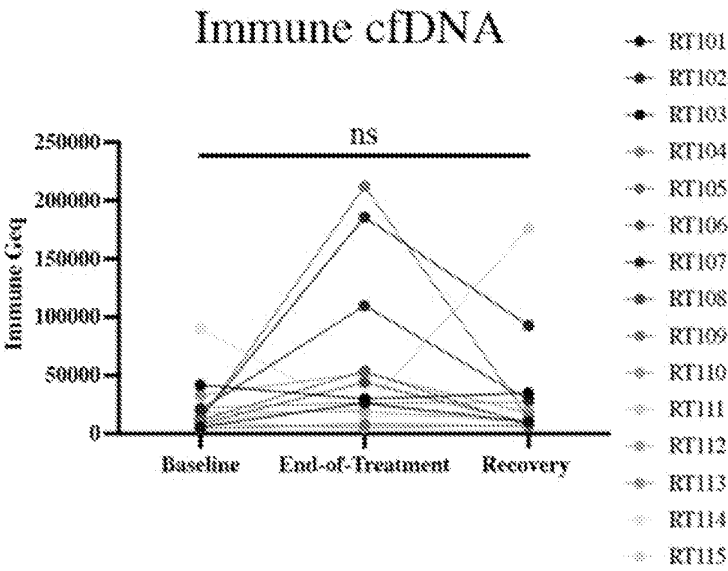


FIG. 13 (cont.)

A



B

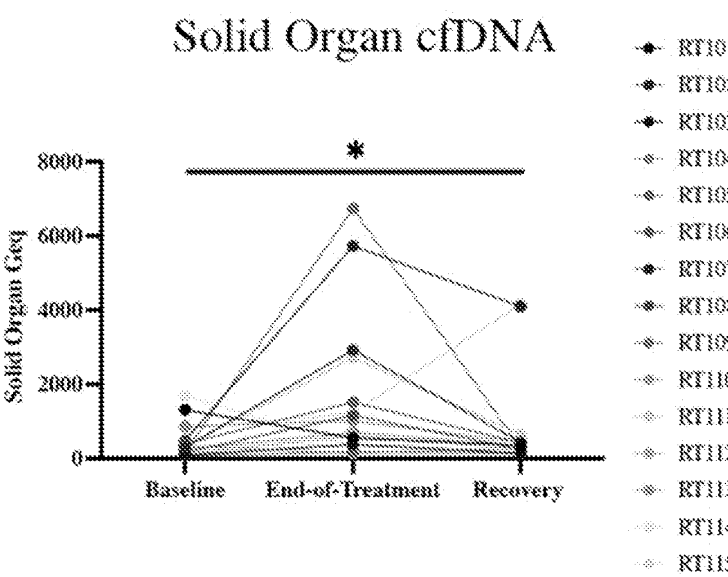
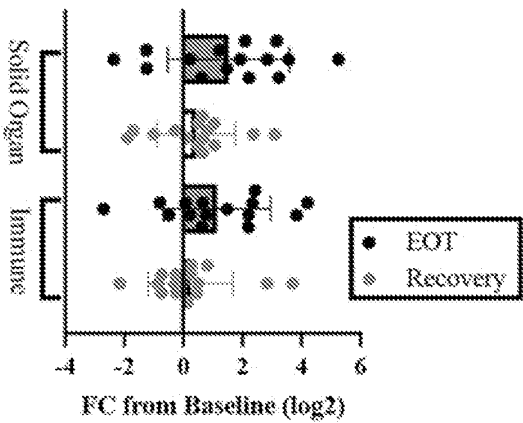


FIG. 14

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C

Immune and Solid Organ



D

Immune cfDNA

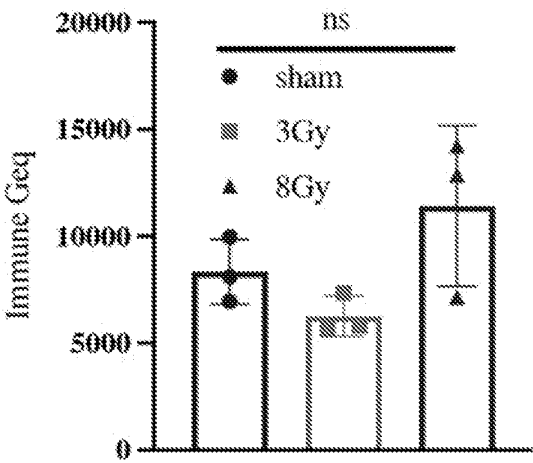


FIG. 14 (cont.)

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E

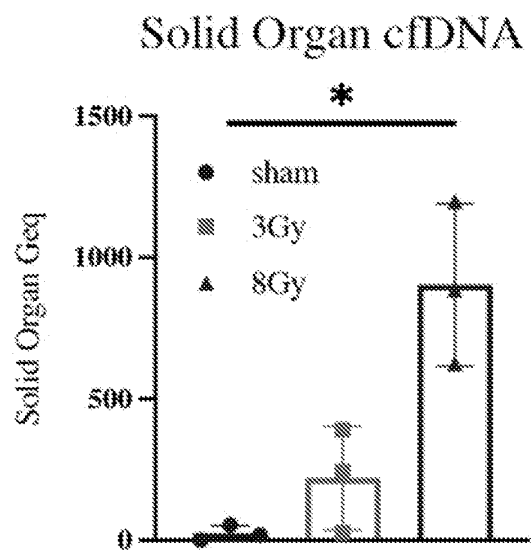
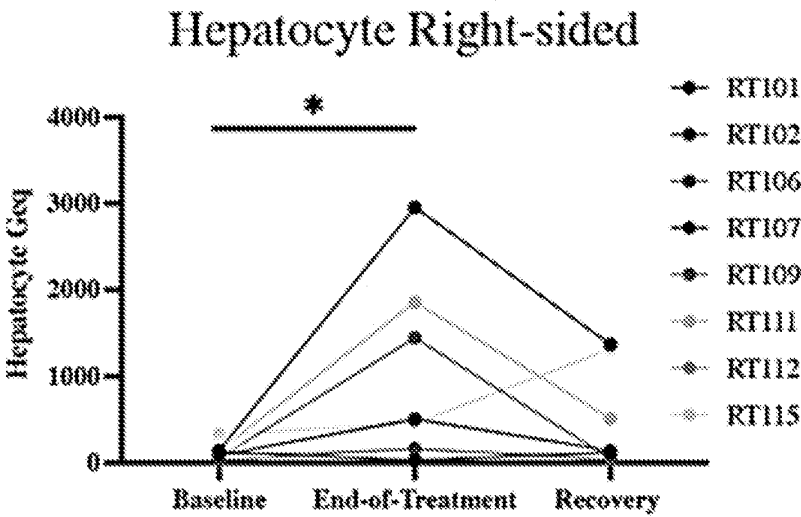


FIG. 14 (cont.)

A



B

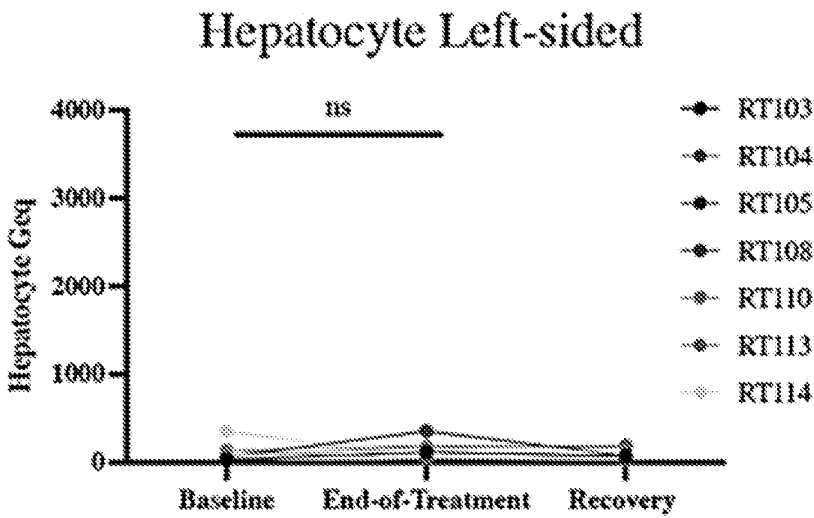
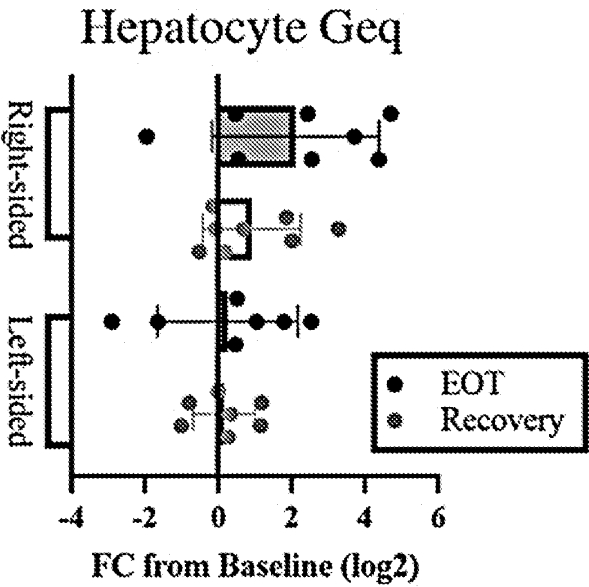


FIG. 15

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C



D

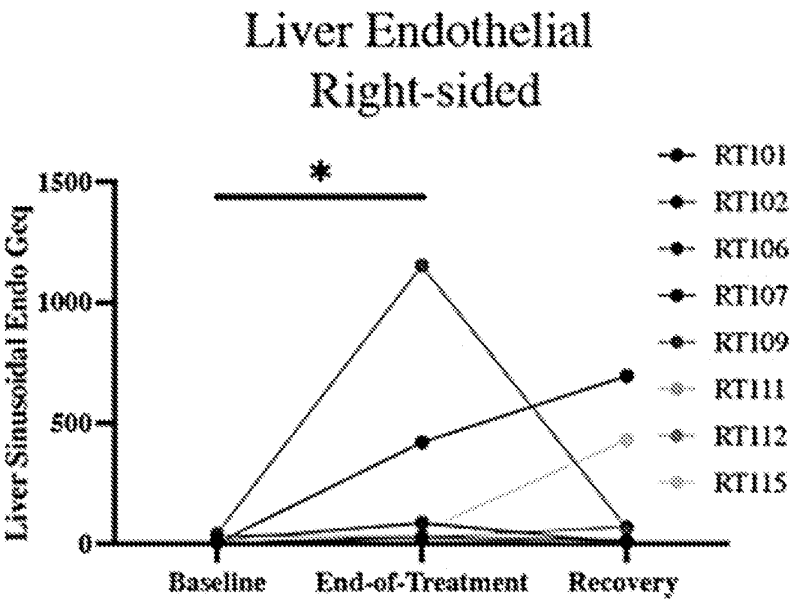
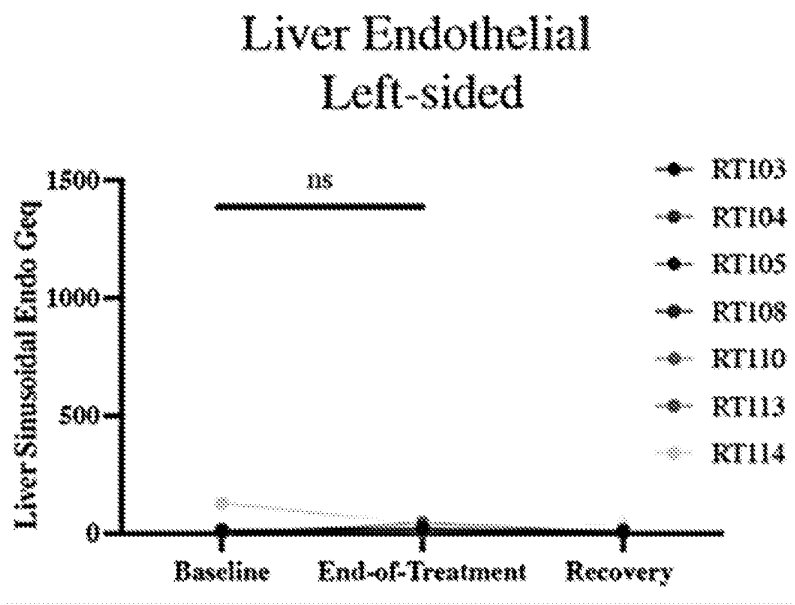


FIG. 15 (cont.)

E



F

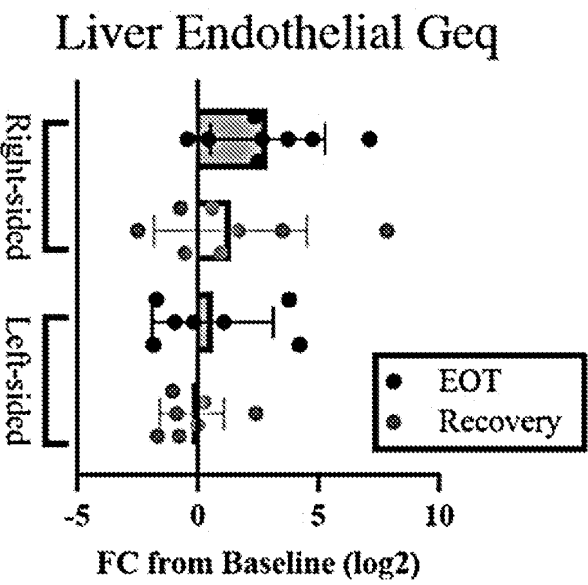
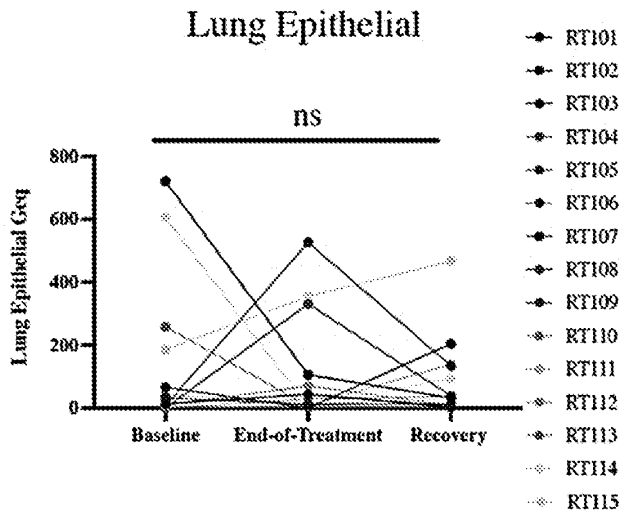


FIG. 15 (cont.)

A



B

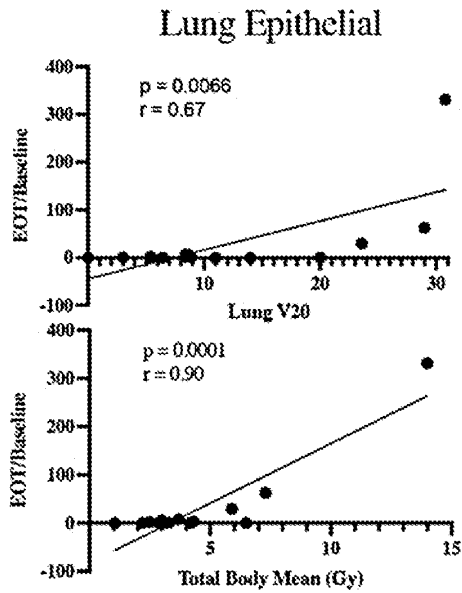
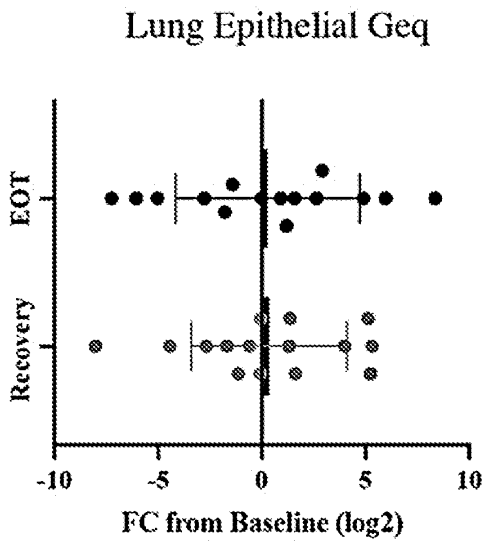


FIG. 16

C



D

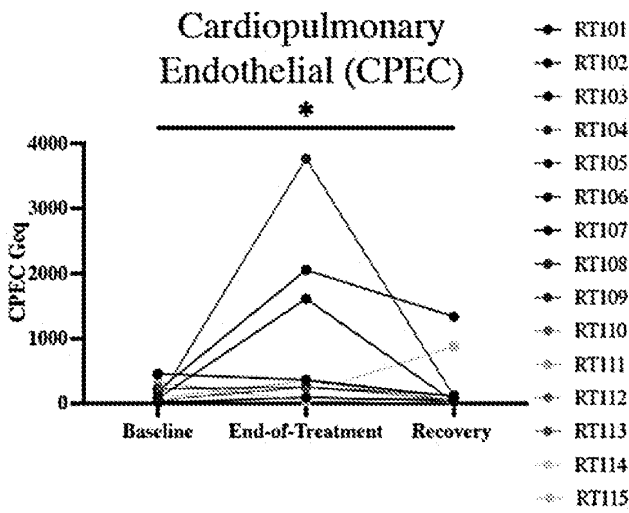
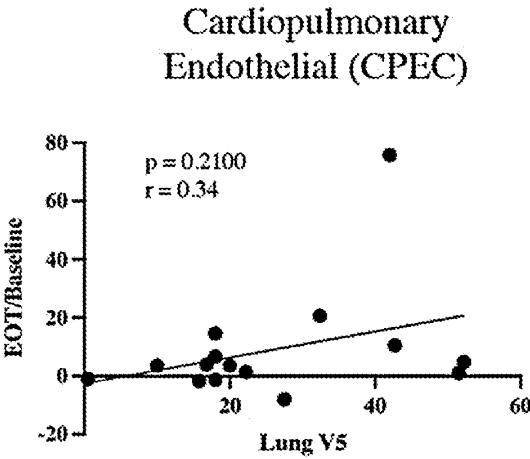


FIG. 16 (cont.)

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E



F

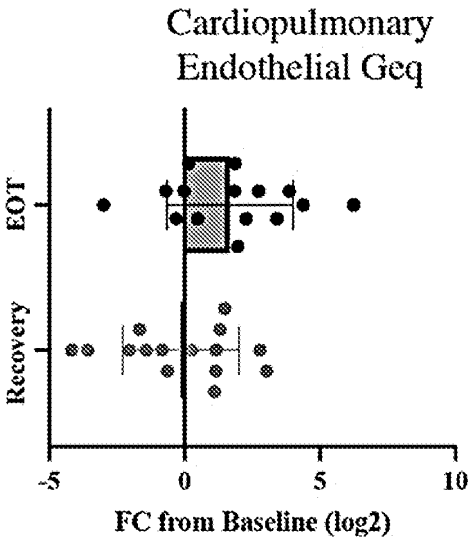
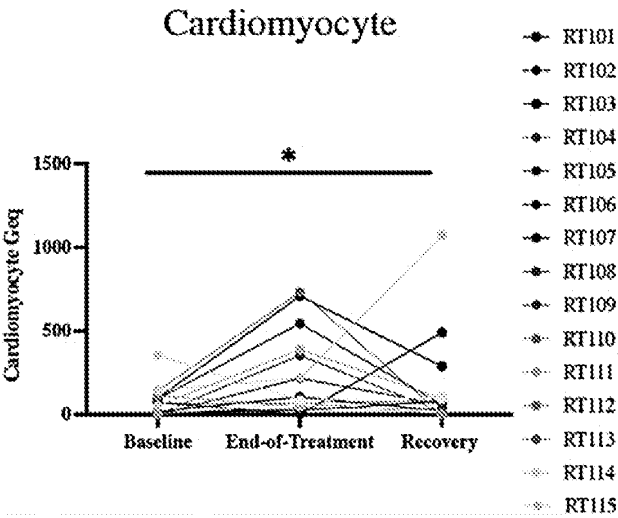


FIG. 16 (cont.)

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G



H

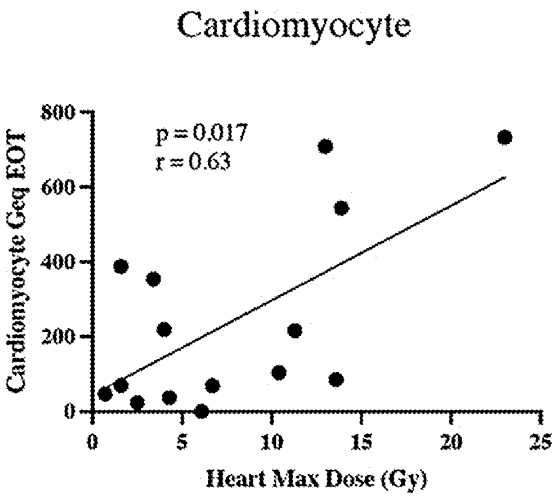


FIG. 16 (cont.)

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I

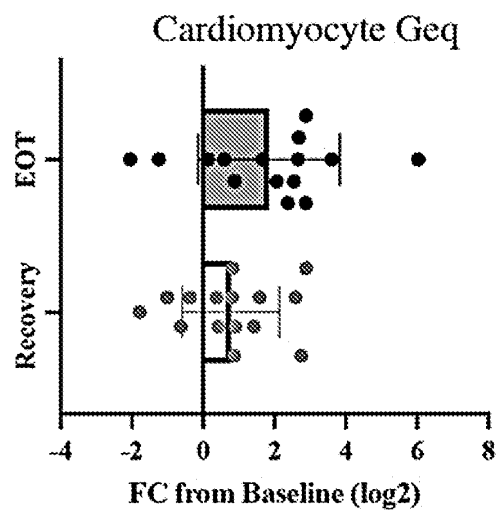


FIG. 16 (cont.)