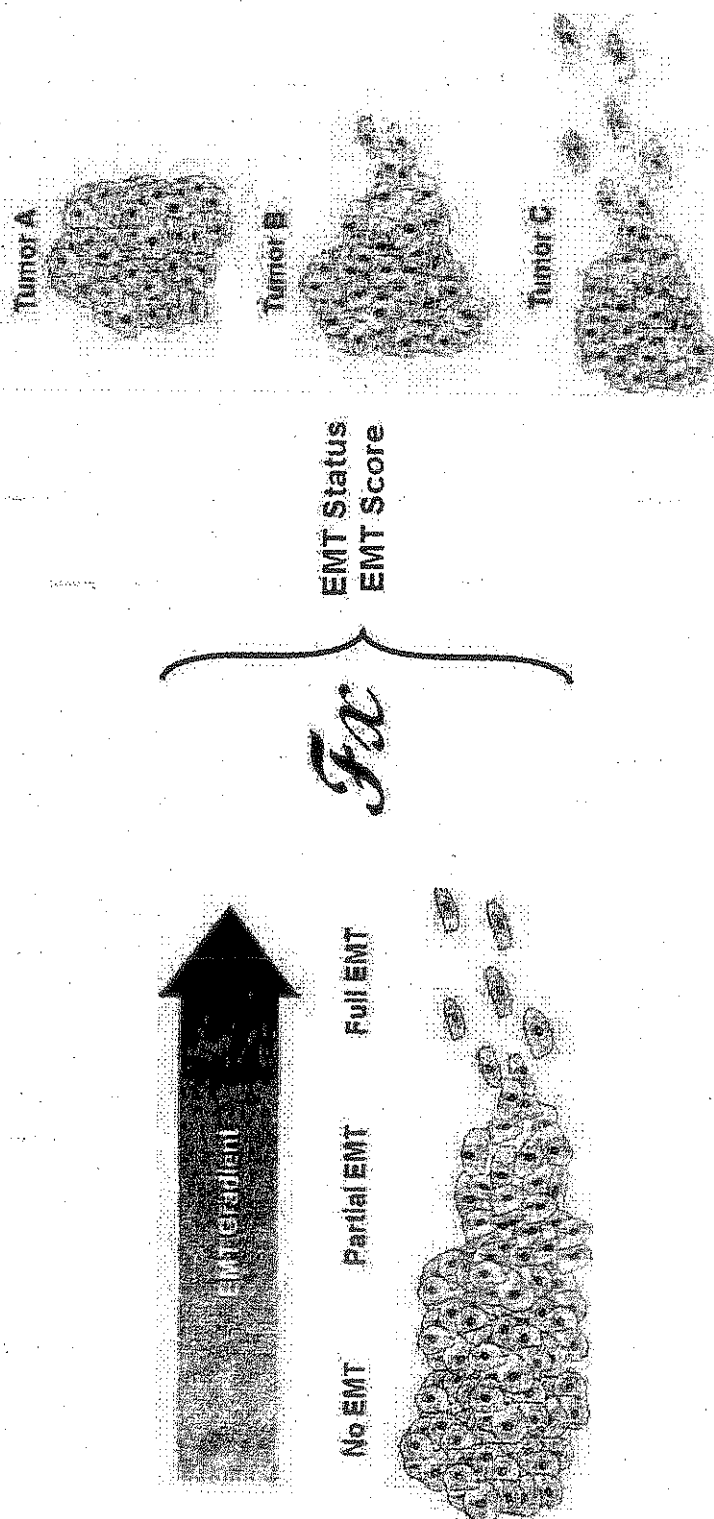


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FIG. 1



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Fig. 2

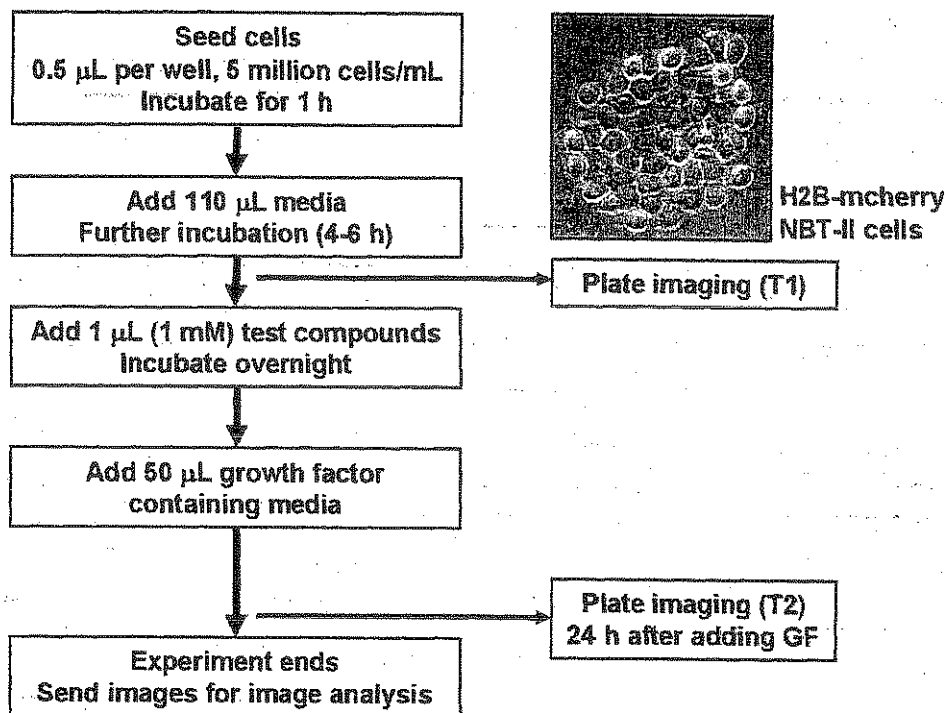
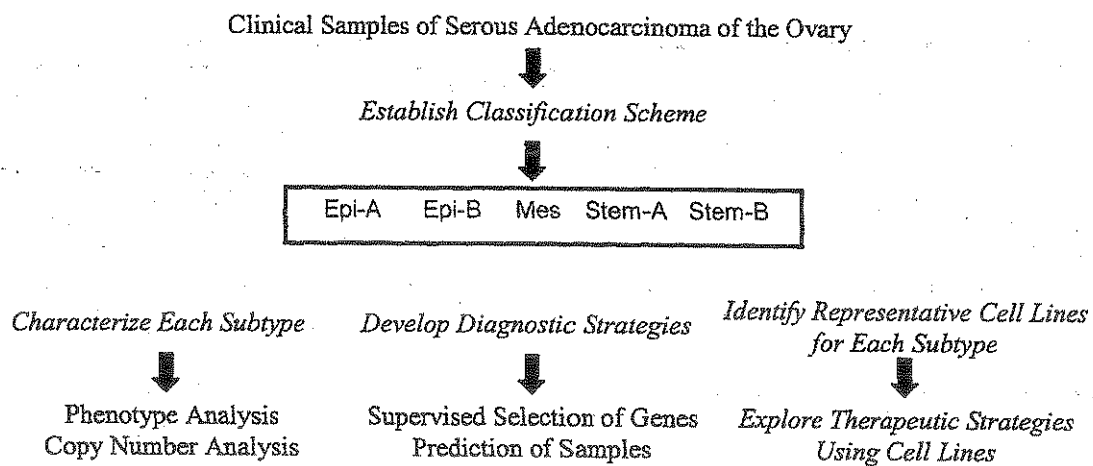
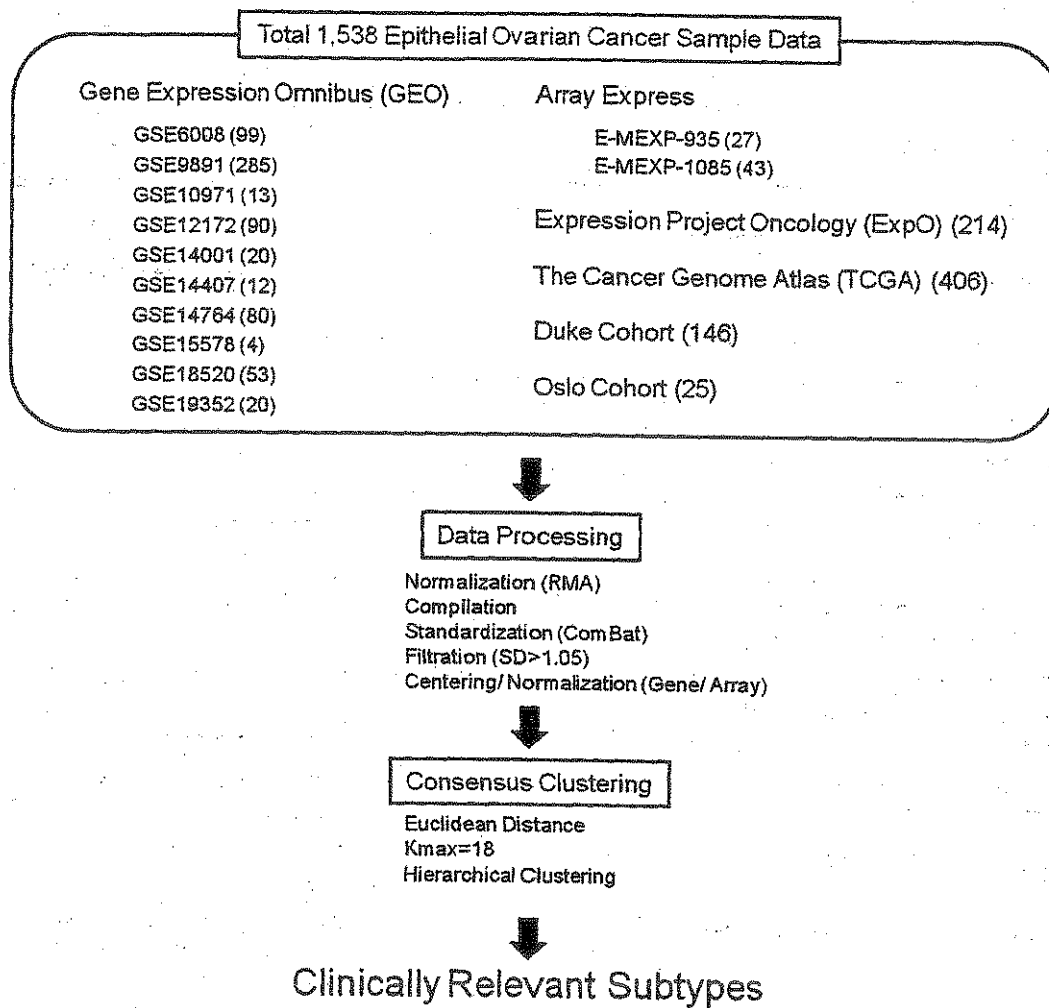


Fig. 3



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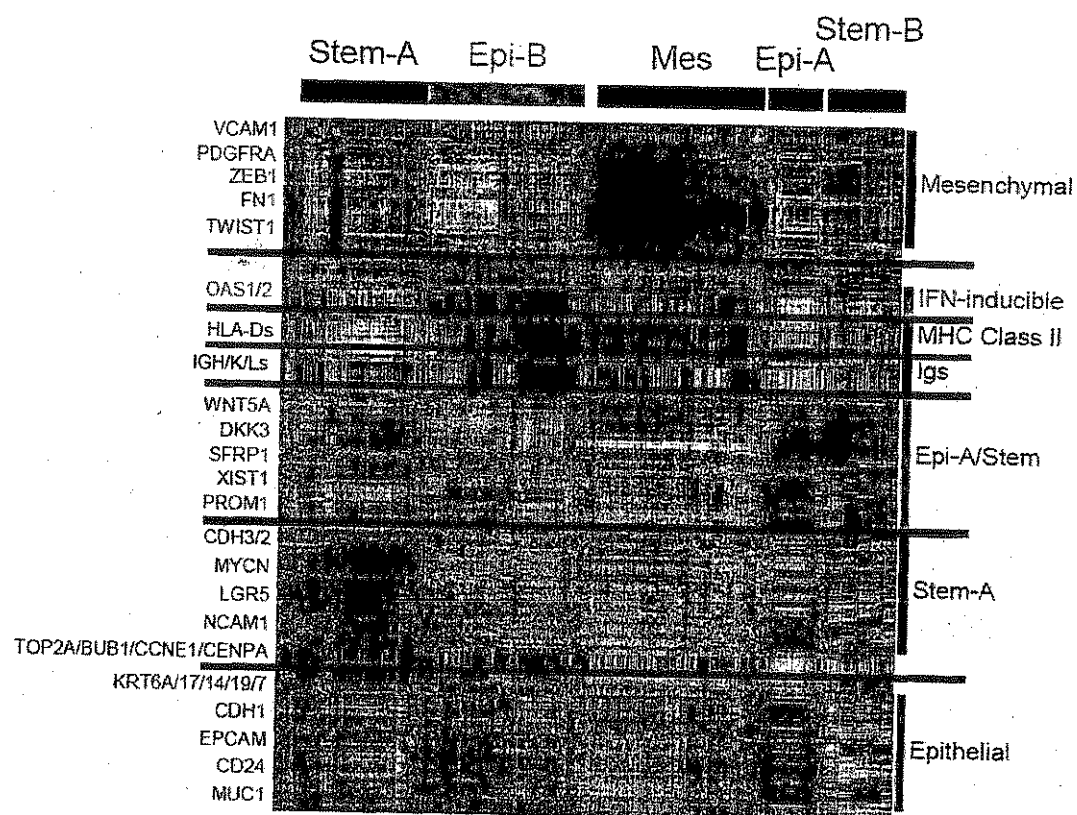
Fig. 4



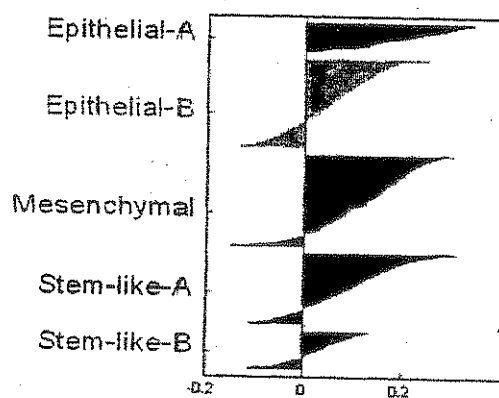
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Fig. 5

A



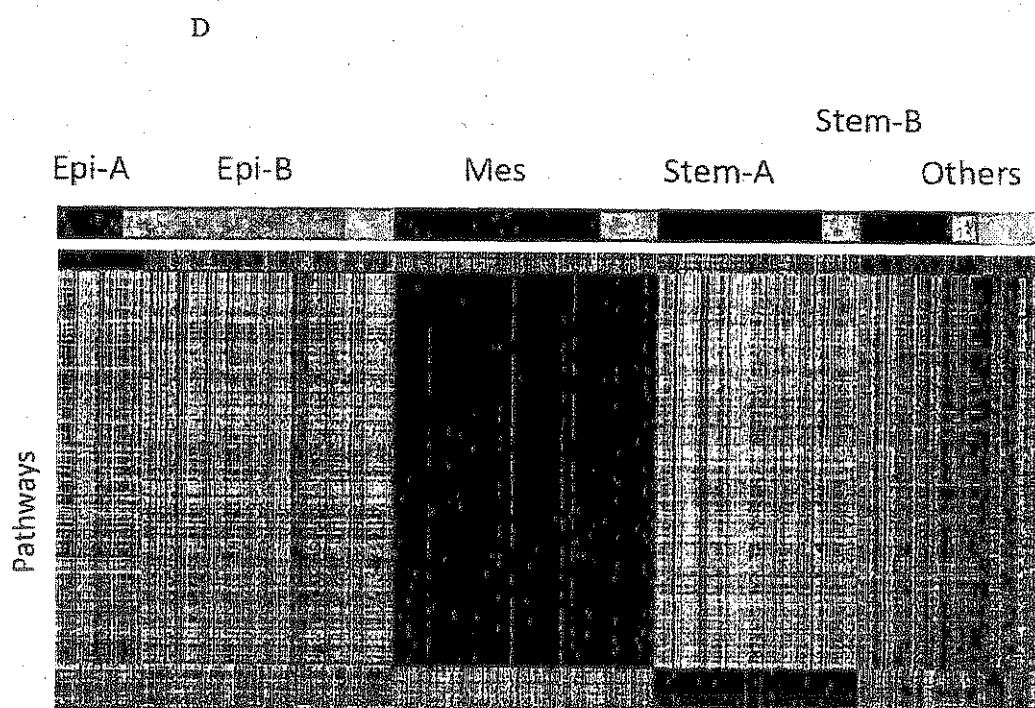
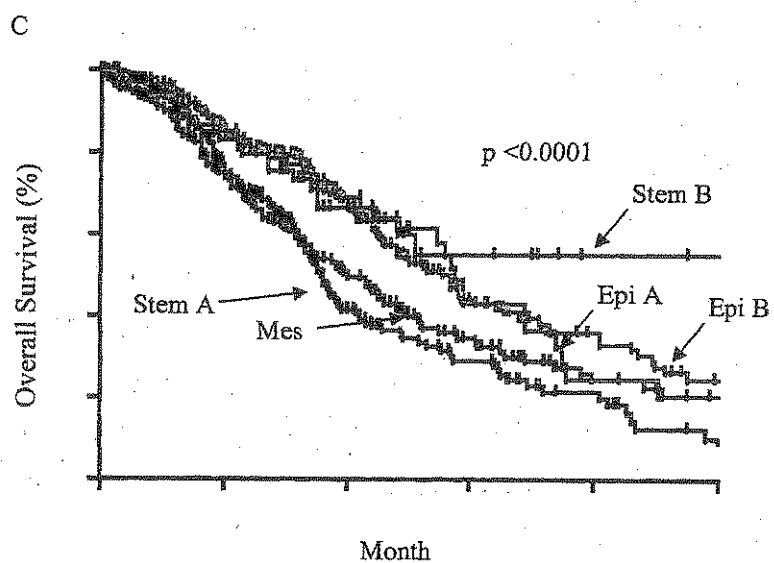
B



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Fig. 5 (continued)



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Fig. 6

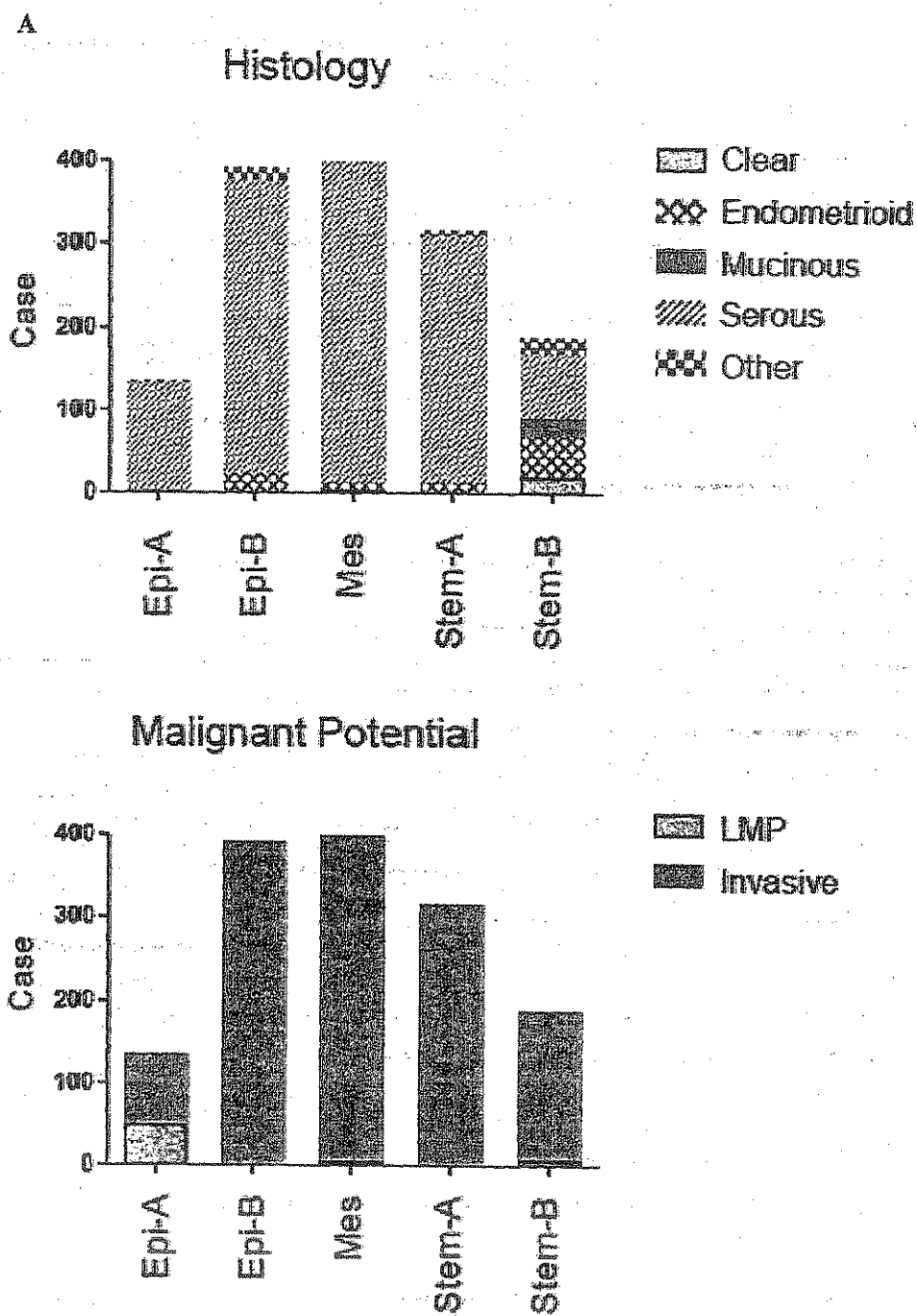


FIG. 6 (continued)

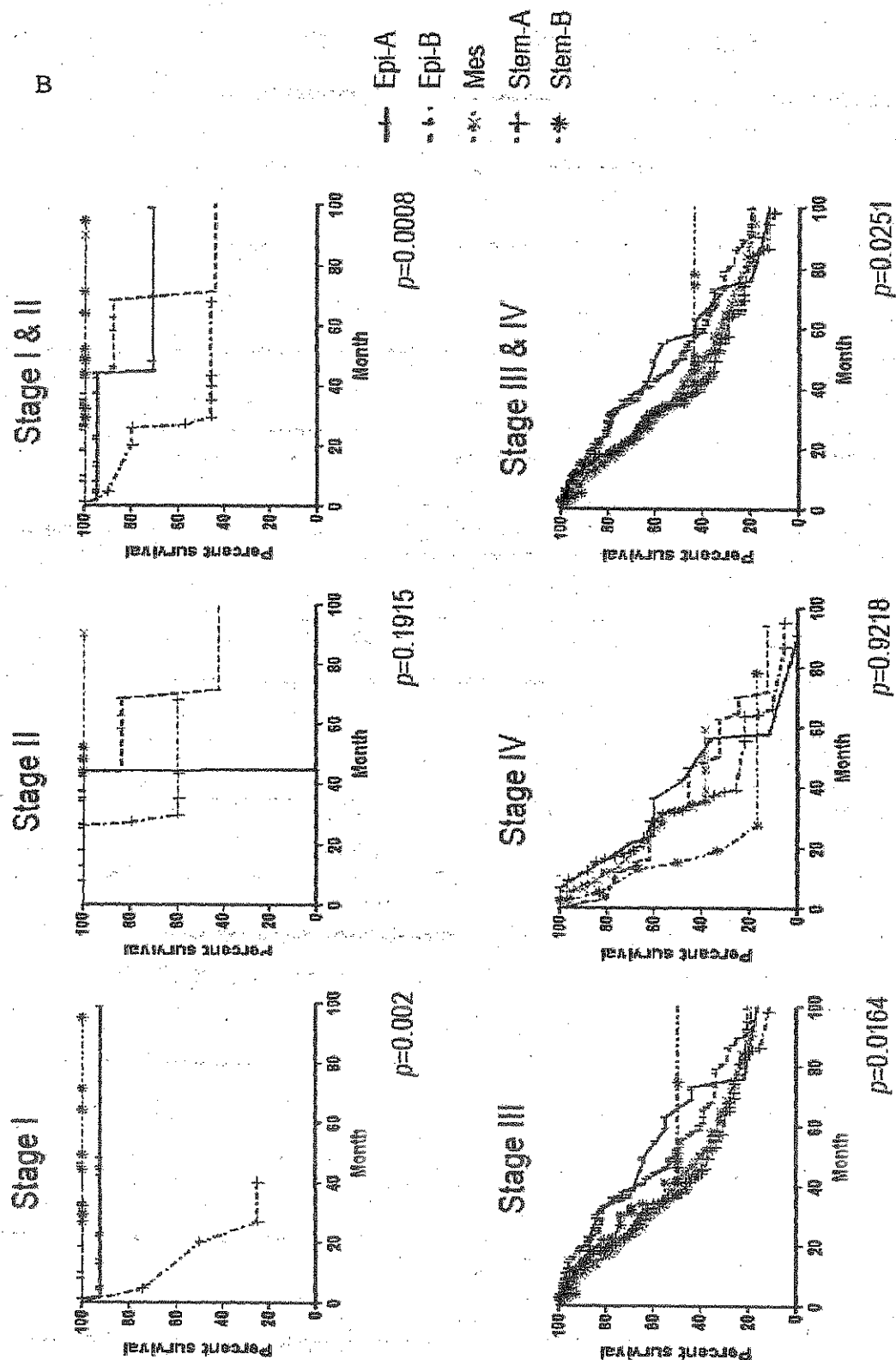
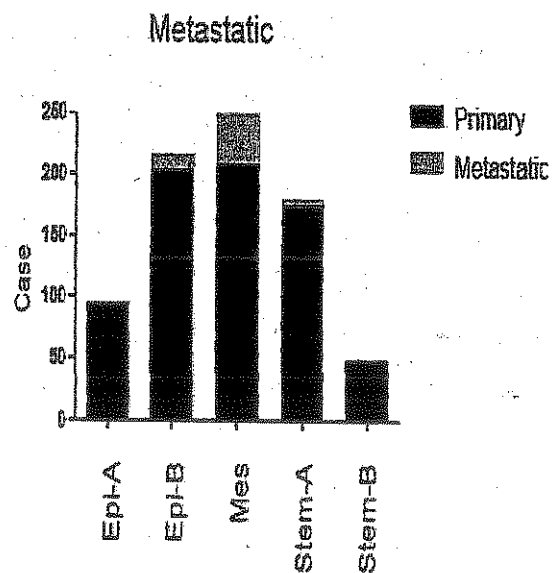
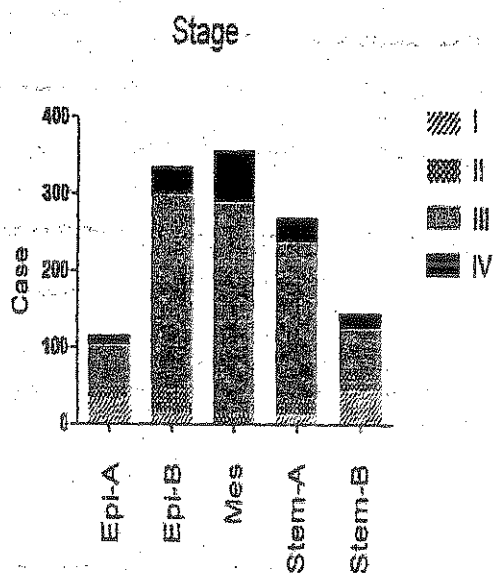
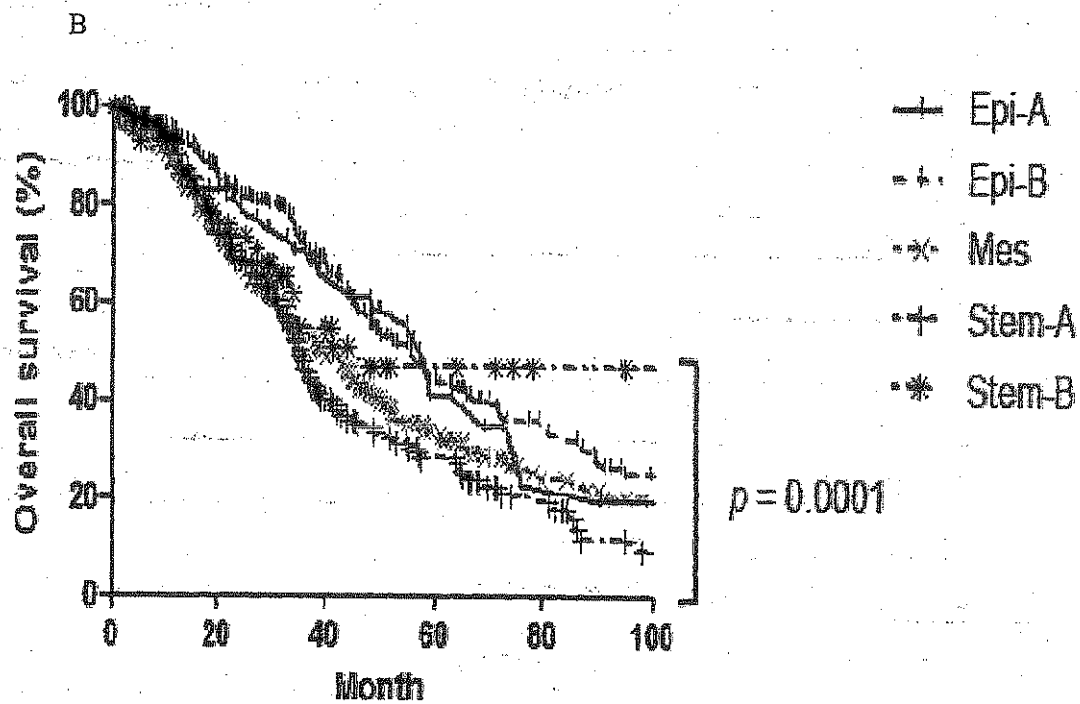


Fig. 6 (continued)



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Fig. 7A

A

Select 50 Core Samples
with Highest Silhouette Value
for Each Subtype



Split Core Samples
to Two Half Sets



Select Parameters
for Binary Regression



Predict Remaining Samples

Consensus
Clustering

Silhouette
Analysis



50 Core Samples



Training Set A
25 Samples Each

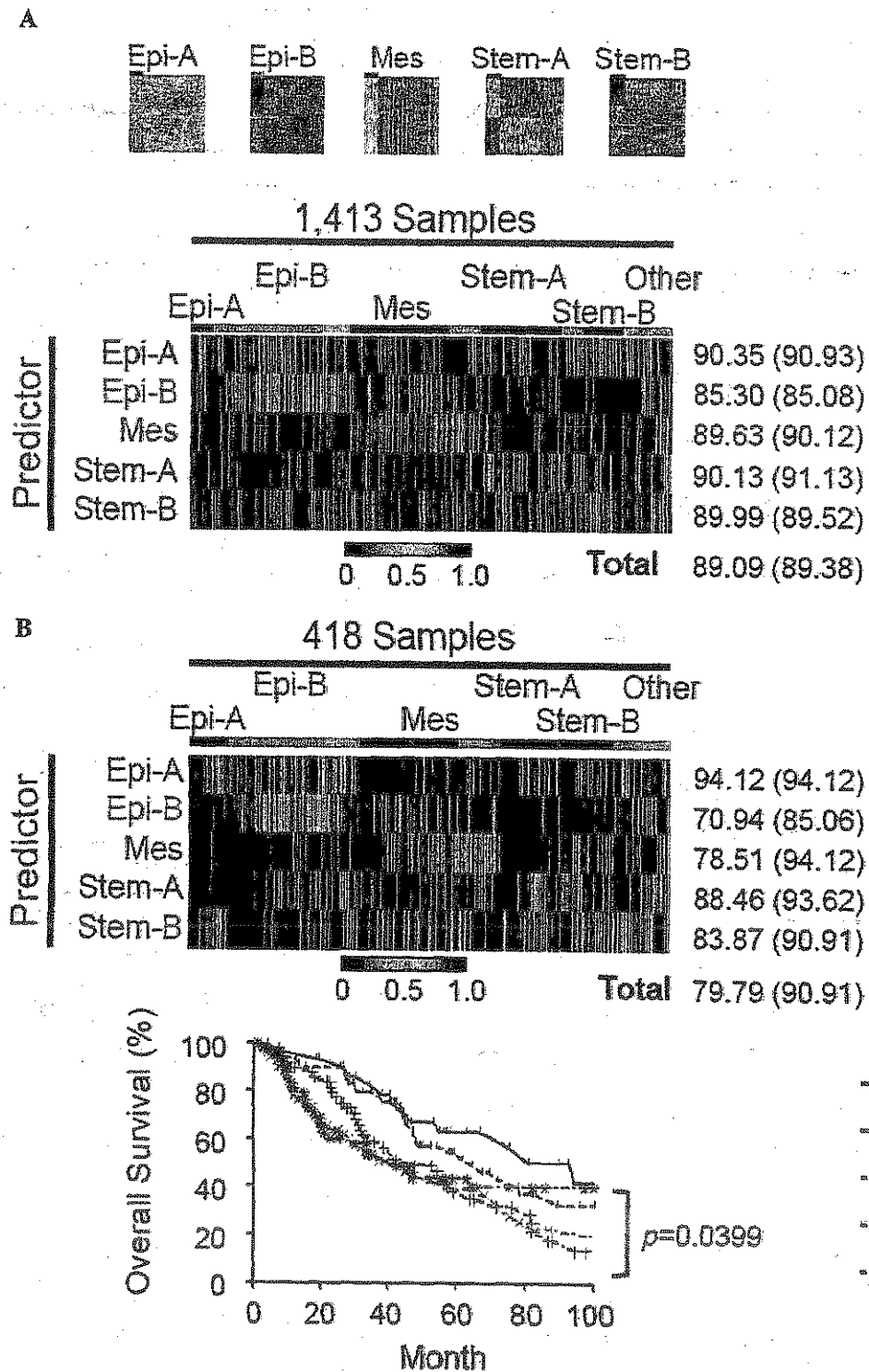
Training Set B
25 Samples Each

Training Set A → Training Set B
Binary Regression Prediction

Training Set A → Remaining Samples
Binary Regression Prediction

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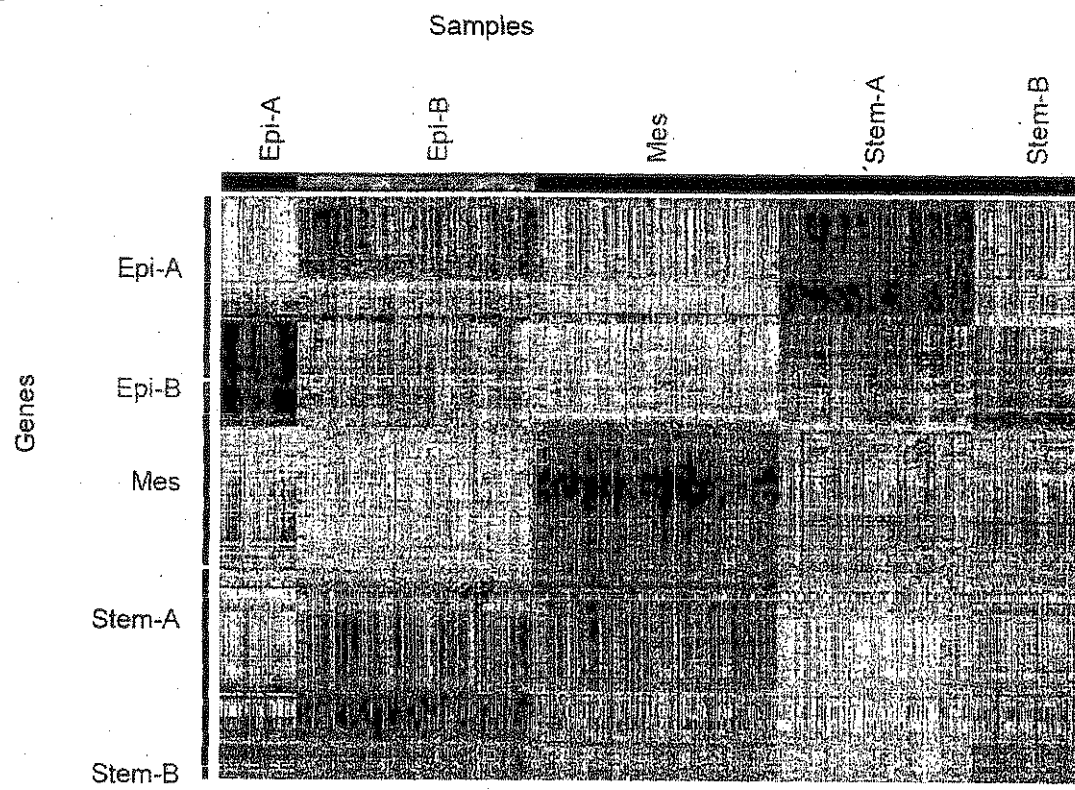
Fig 7B



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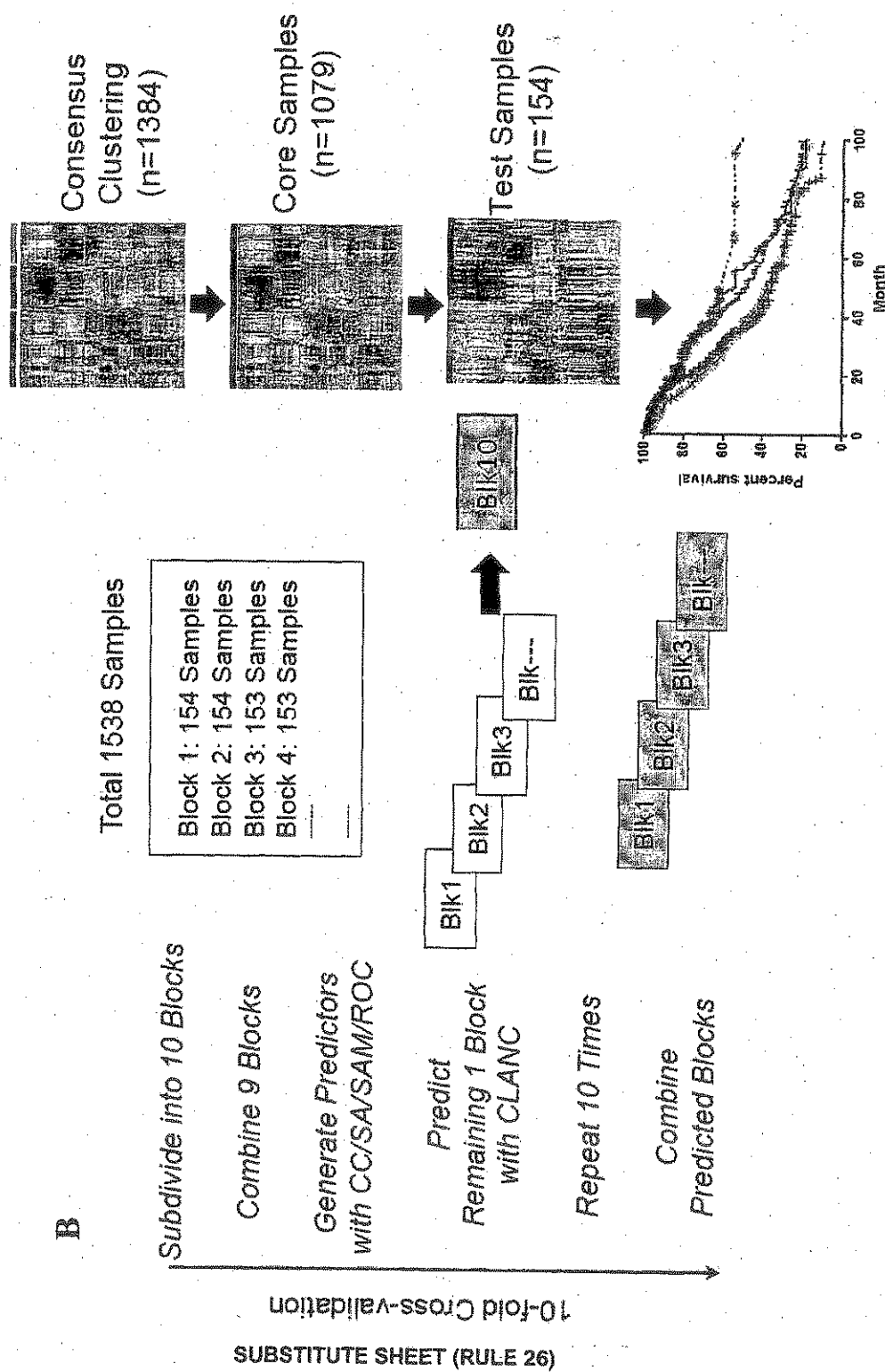
Fig. 8

A



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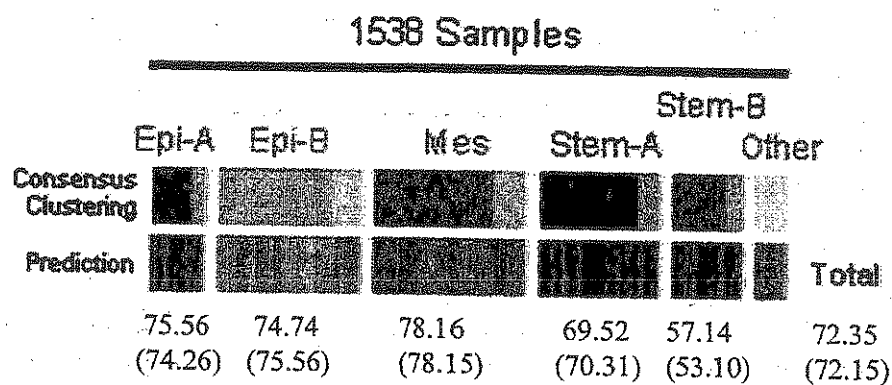
Fig. 8 (continued)



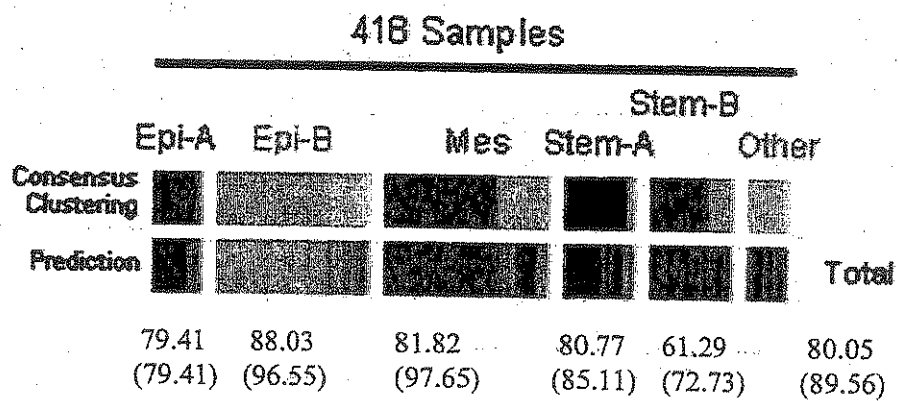
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Fig. 8 (continued)

C



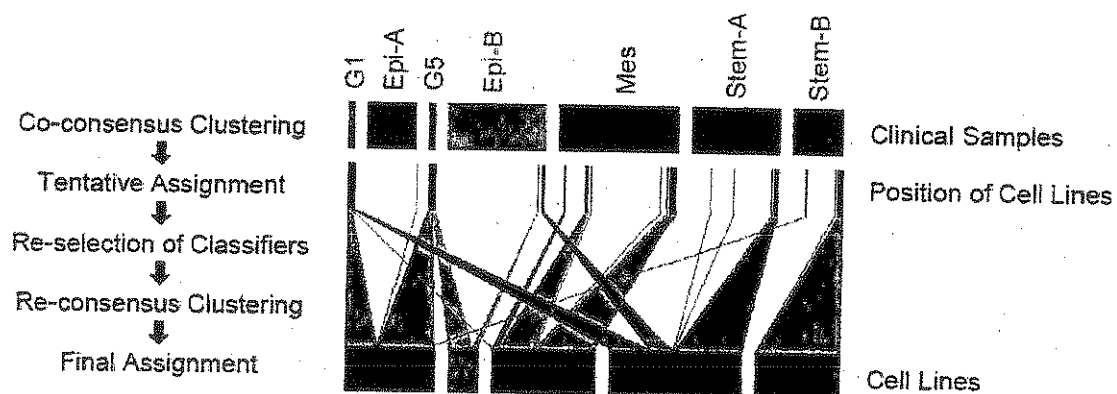
D



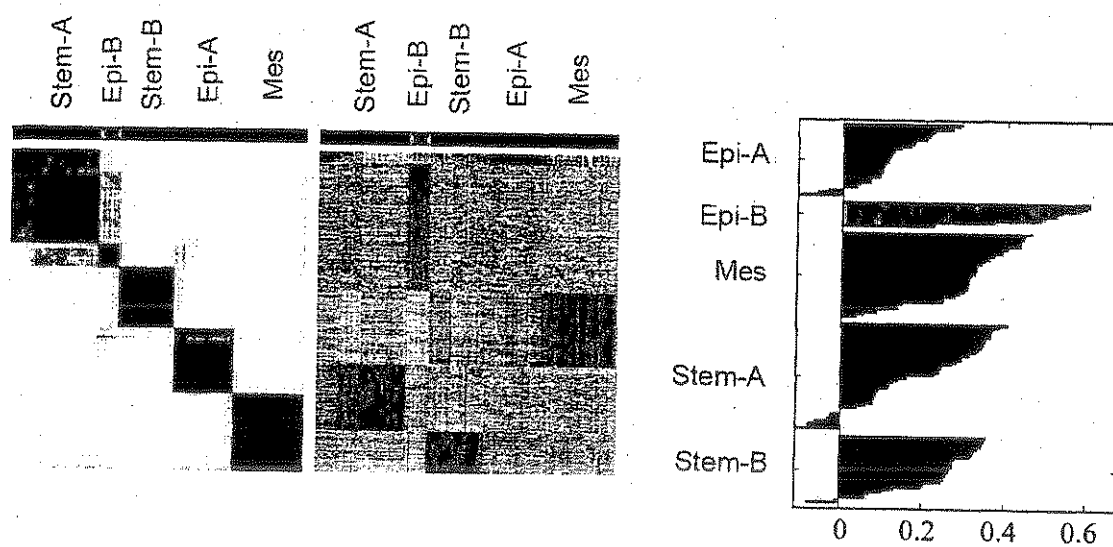
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Fig. 9

A

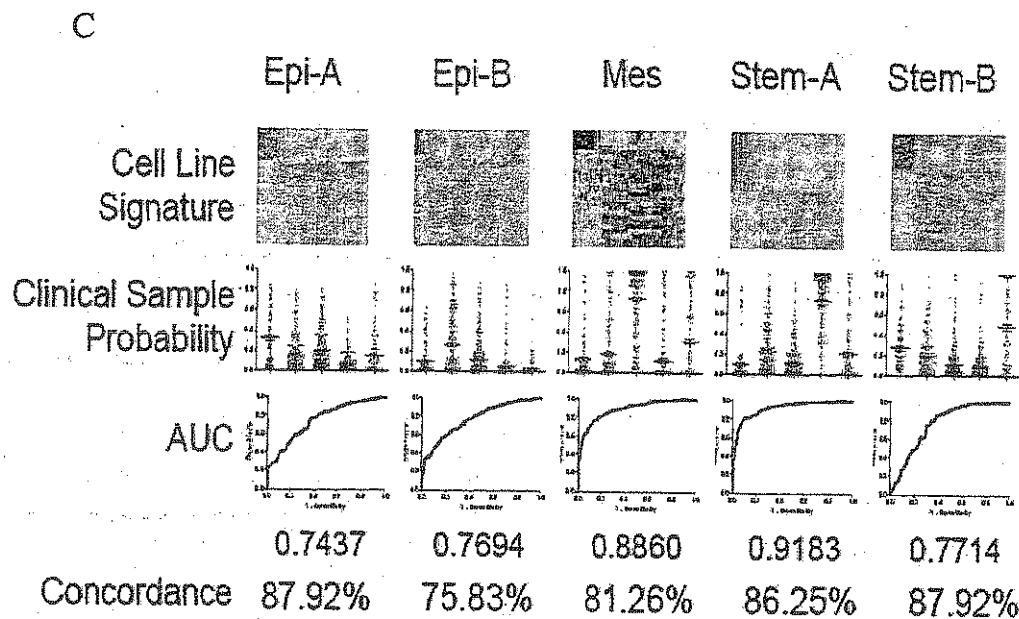


B



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Fig. 9 (continued)



D

Epithelial-A		Epithelial-B		Mesenchymal		Stem-A		Stem-B	
JHOC7 (K)	SKOV3 (N)	CAOV3 (D)	CAOV3 (K)	59A (N)	OVTKO (K)	A2780 (K)	OVCA420 (N)	A2008 (D)	OVCA5 (D)
JHOC8 (K)	SKOV8 (D)	CAOV3 (K)	CAOV3 (K)	DOV13 (D)	PA1 (N)	A2780 (N)	OVCA433 (N)	A2008 (K)	OVCA5 (N)
JHOC9 (K)	TAYA (K)	CAOV3 (N)	CAOV3 (N)	DOV13 (N)	PEO1 (N)	A2780 (S)	OVCA10 (D)	A2008 (S)	OVCA5 (S)
JHOS2 (K)	TOV21G (N)	JHOS3 (K)	JHOS3 (K)	DOV13 (S)	SKOV3 (D)	A2780cisR (D)	OVCA10 (S)	BG1 (D)	
KOC5C (K)	UWB1.289 (S)	OCC1 (N)	OCC1 (N)	DOV13A (D)	SKOV3 (K)	A2780J (D)	OVCA10 (S)	C13 (D)	
OAW42 (S)		OMC3 (K)	OMC3 (K)	DOV13B (D)	SKOV3 (S)	CH1 (D)	OVCA10 (K)	C13 (S)	
OC316 (N)		OVCA432 (D)	OVCA432 (D)	EFO21 (S)	TYKNU (D)	CH1 (S)	OVCA10 (S)	CAOV2 (D)	
OV90 (N)		OVCA432 (K)	OVCA432 (K)	EFO27 (N)	TYKNU (K)	CH1cisR (D)	OVCA10 (N)	CAOV2 (S)	
OVCA429 (D)		OVCA432 (S)	OVCA432 (S)	ES2 (N)	TYKNU (S)	COLO720E (S)	PA1 (D)	JHOM26 (K)	
OVCA429 (K)				HEY (D)	TYKNUcisR (D)	FUOV1 (D)	RMG5 (K)	MCAS (D)	
OVCA429 (S)				HEY (K)	UPH251 (N)	FUOV1 (S)	SKOV4 (D)	MCAS (K)	
OVCA433 (D)				HEYA8 (D)		HEY (N)	SKOV6 (D)	OC314 (N)	
OVCA433 (K)				HEYC2 (D)		IGROV1 (D)	SW626 (N)	OC315 (N)	
OVCA433 (S)				JHOC5 (K)		IGROV1 (K)	TOV112D (N)	OV2008 (D)	
OVCA433 (S)				JHOM1 (K)		IGROV1 (S)	TOV112D (S)	OV2008 (S)	
OVCA433 (S)				OAW26 (S)		IOSE29 (N)	TOV21 (D)	OV90 (D)	
OVCA433 (S)				OV56 (S)		JHOS2 (S)	TOV21G (K)	OV90 (K)	
OVCA433 (S)				OV7 (S)		JHOS4 (K)		OV90 (S)	
OVCA433 (S)				OVARY1847 (D)		KOC7C (K)		OVCA420 (D)	
OVCA433 (S)				OVARY1847 (K)		M21 (D)		OVCA420 (K)	
OVCA433 (S)				OVARY1847 (S)		M41cisR (D)		OVCA420 (S)	
OVCA433 (S)				OVCA432 (N)		OAW26 (N)		OVCA429 (N)	
OVCA433 (S)				OVCA432 (N)		OAW26 (N)		OVCA429 (D)	
OVCA433 (S)				OVCA432 (N)		OV17R (S)		OVCA429 (S)	

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Fig. 10

A

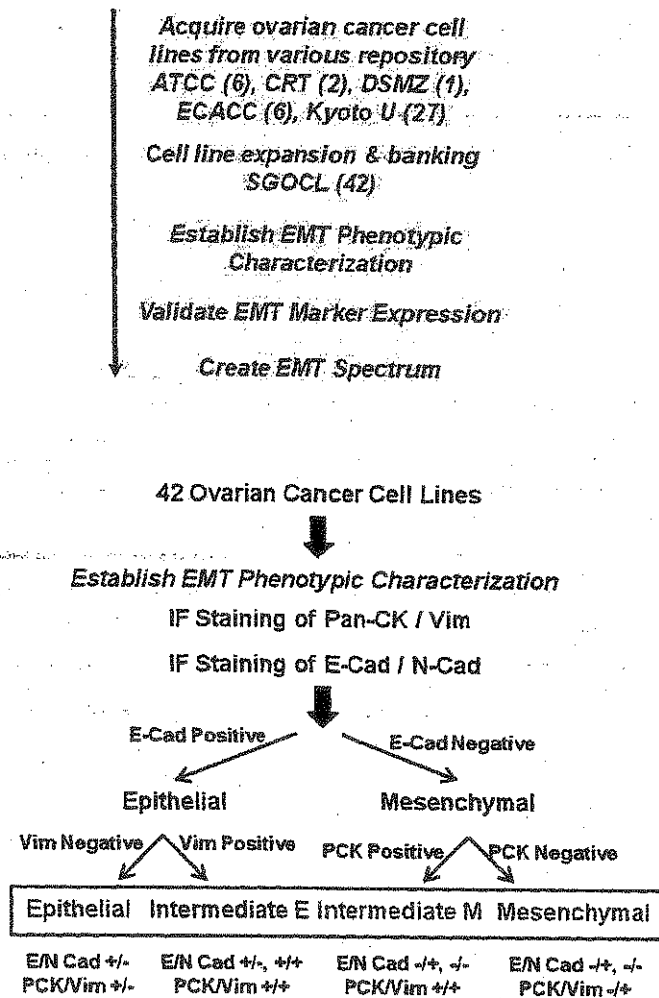
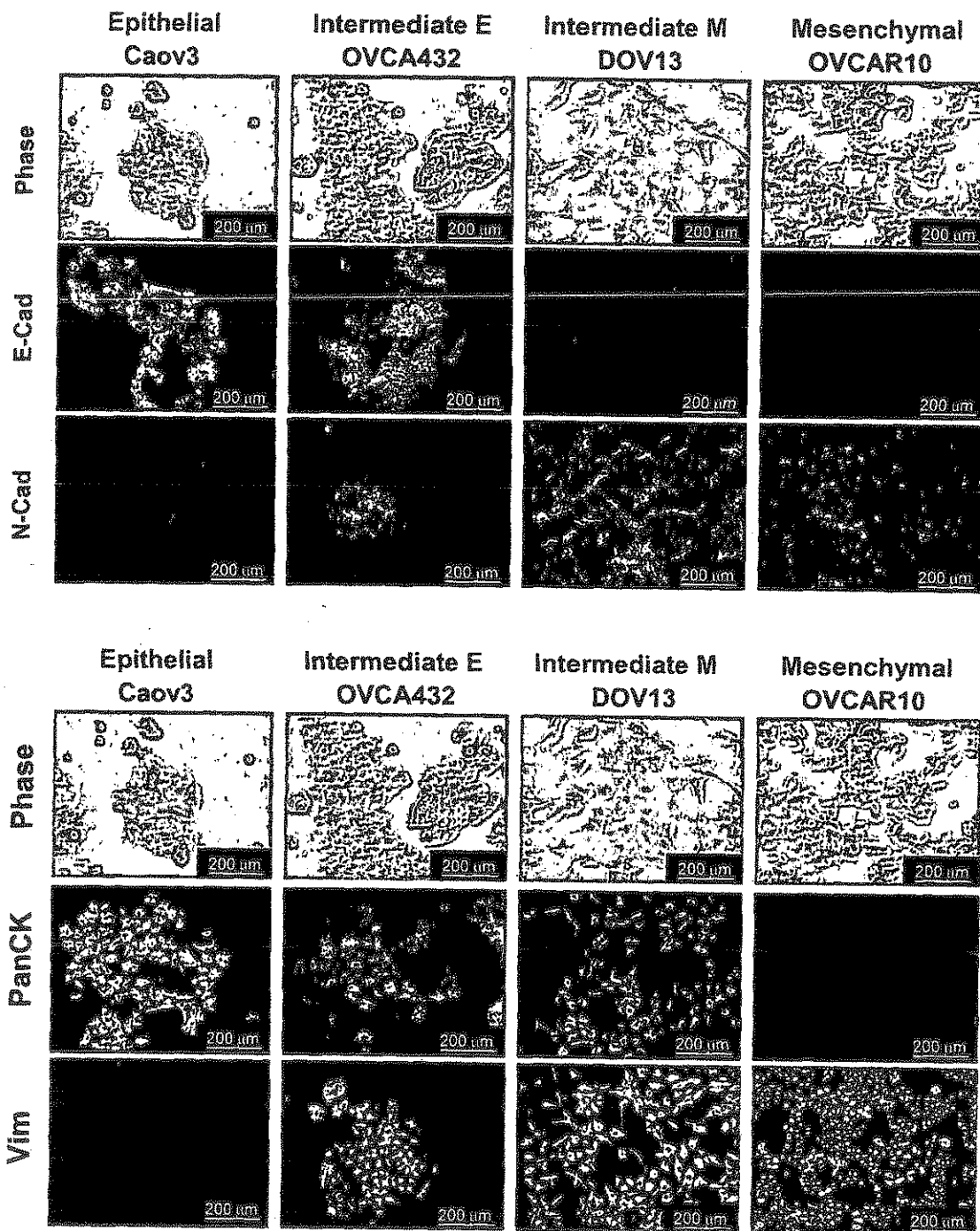


Fig. 10 (continued)

B



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Fig. 10 (continued)

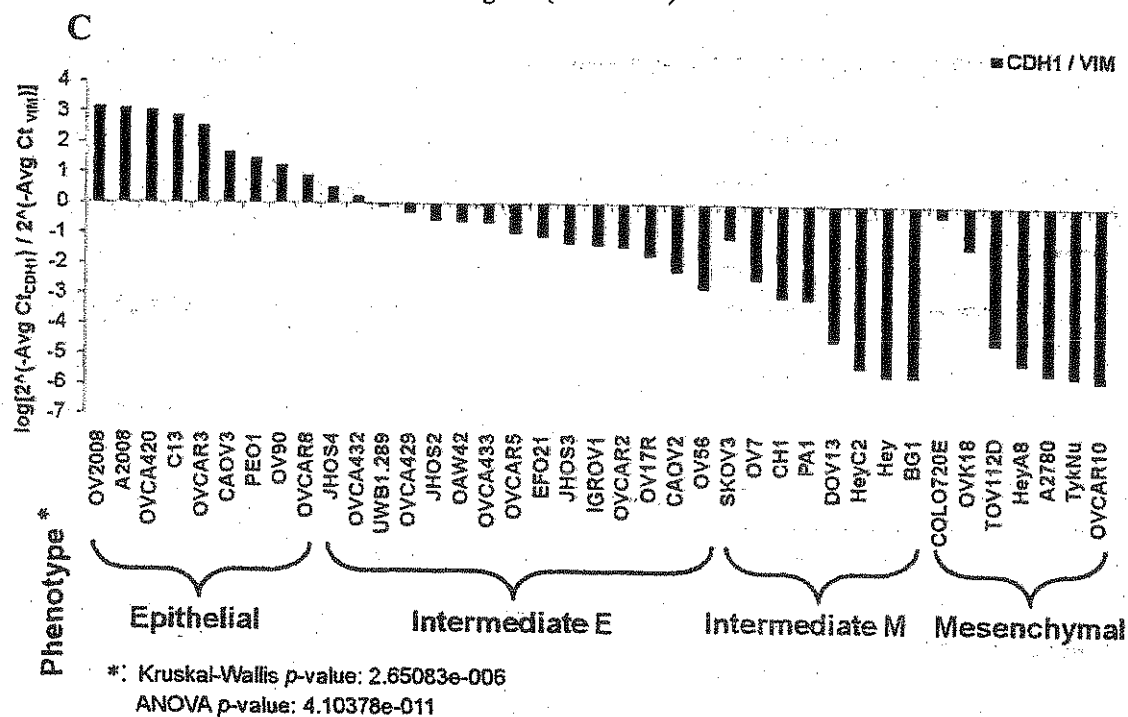
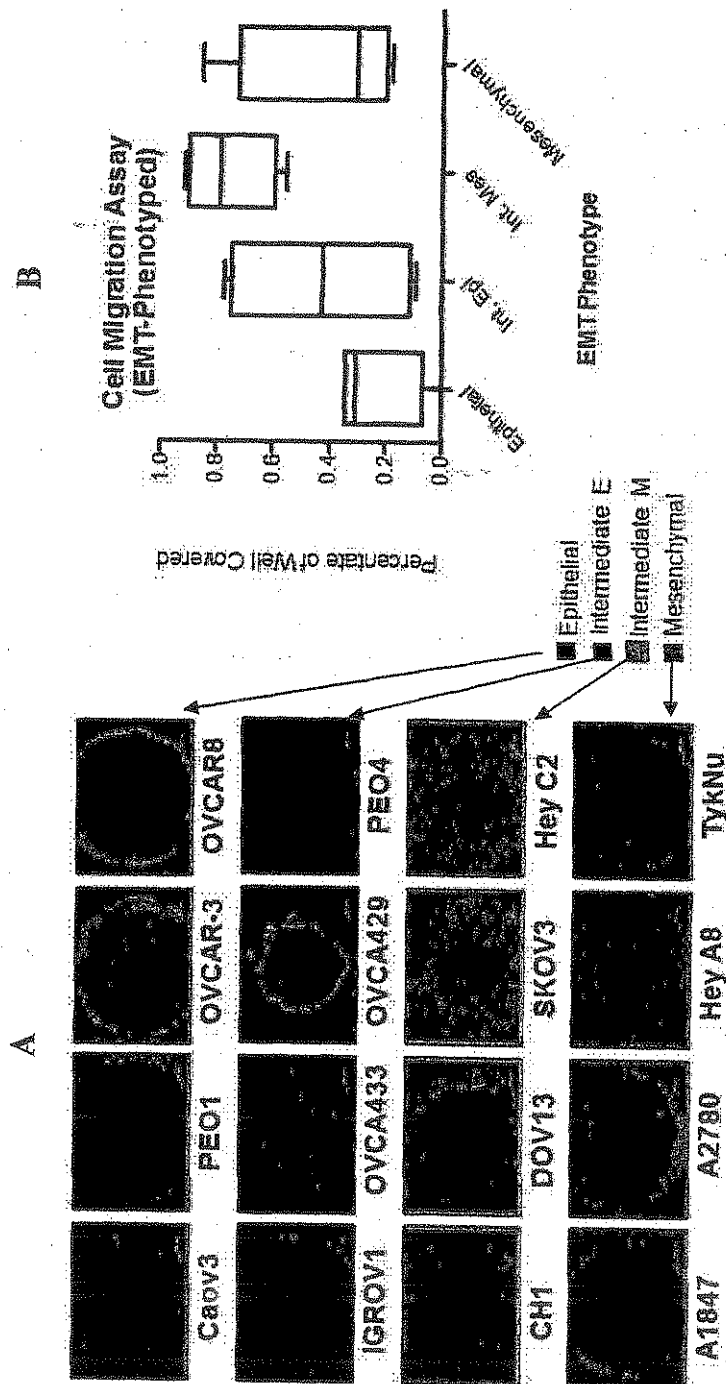


Fig. 11



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Fig. 11

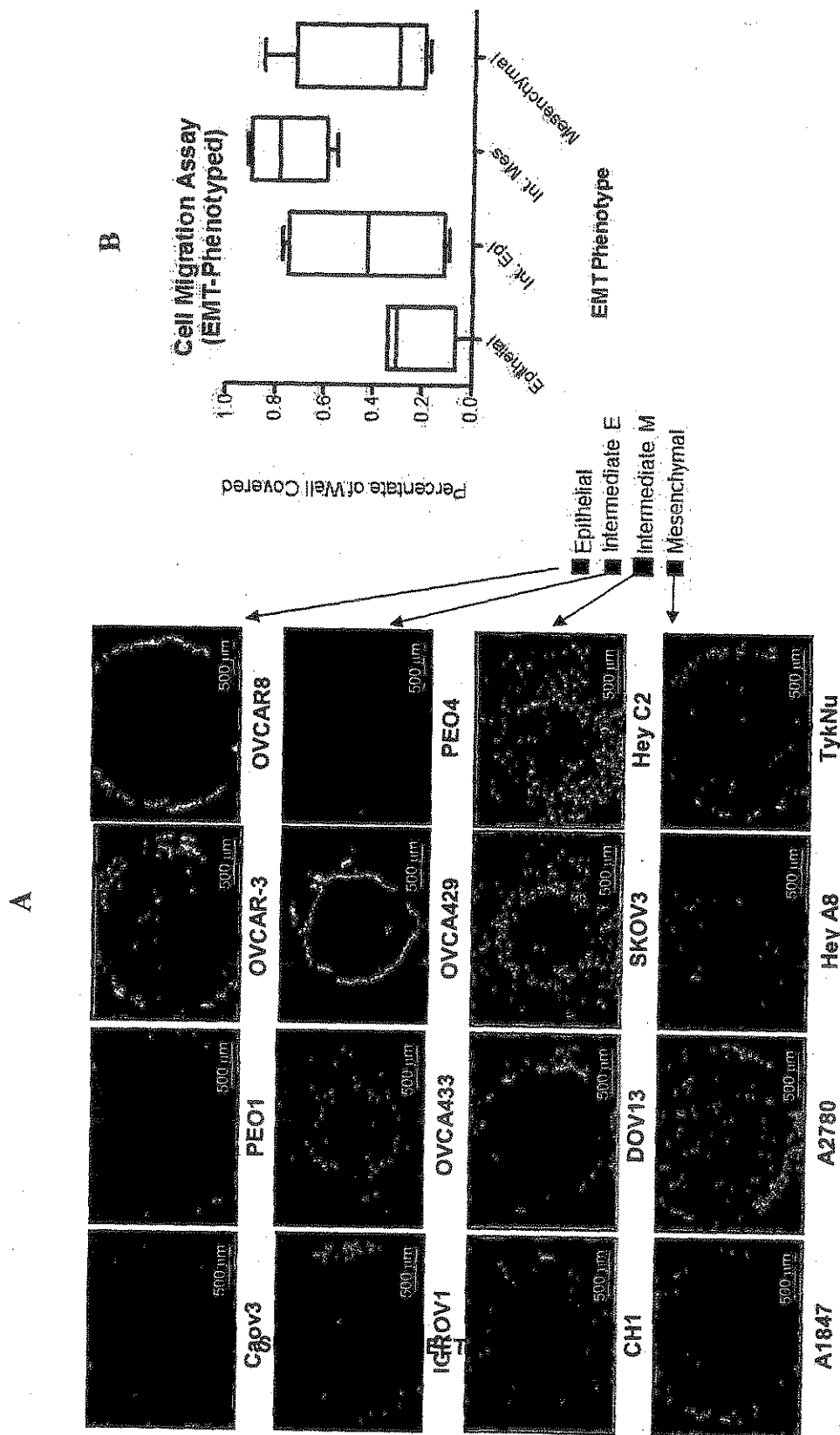


Fig. 11 (continued)

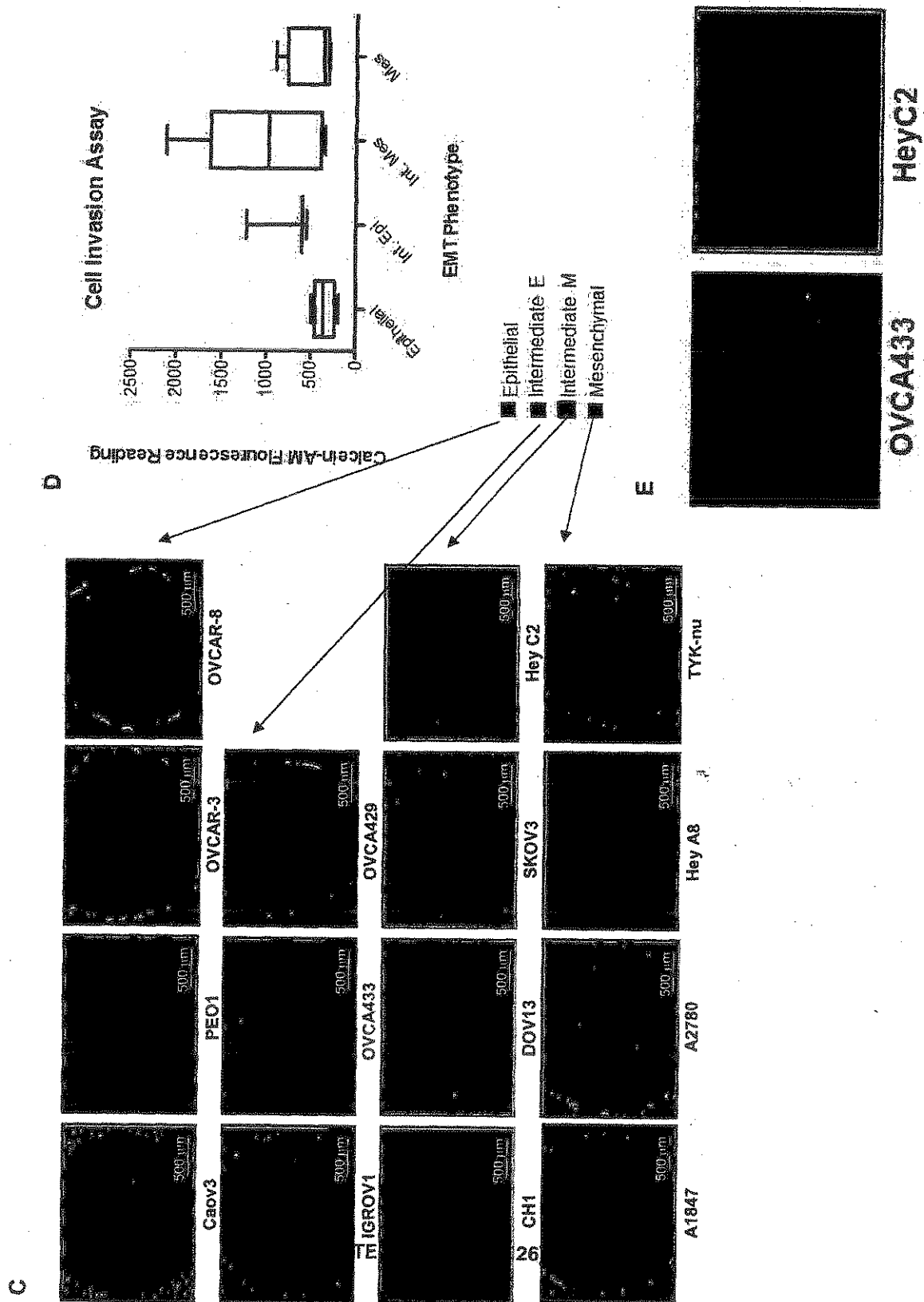
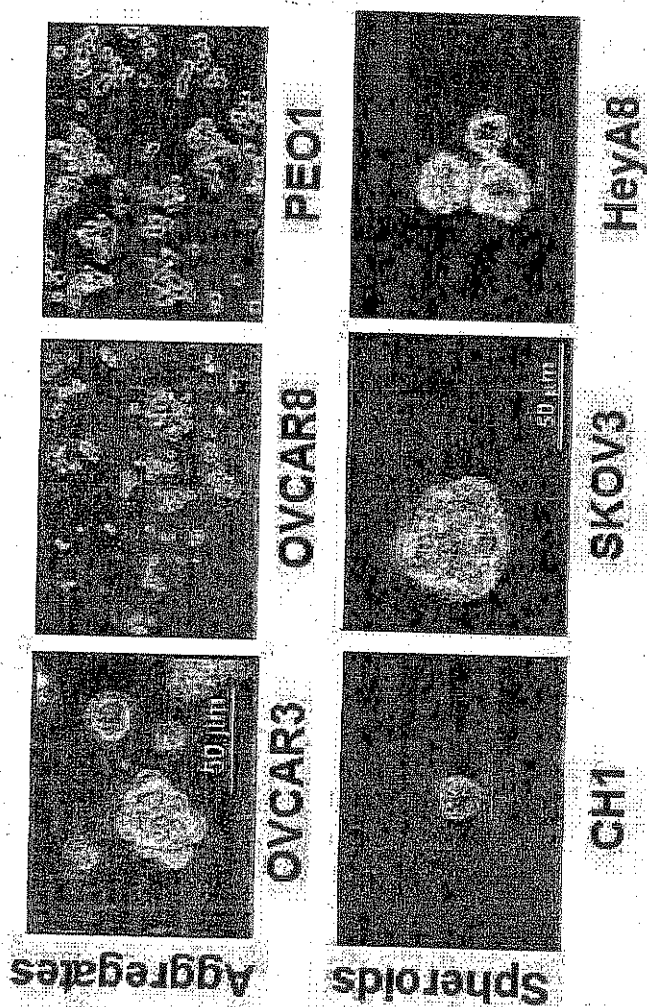


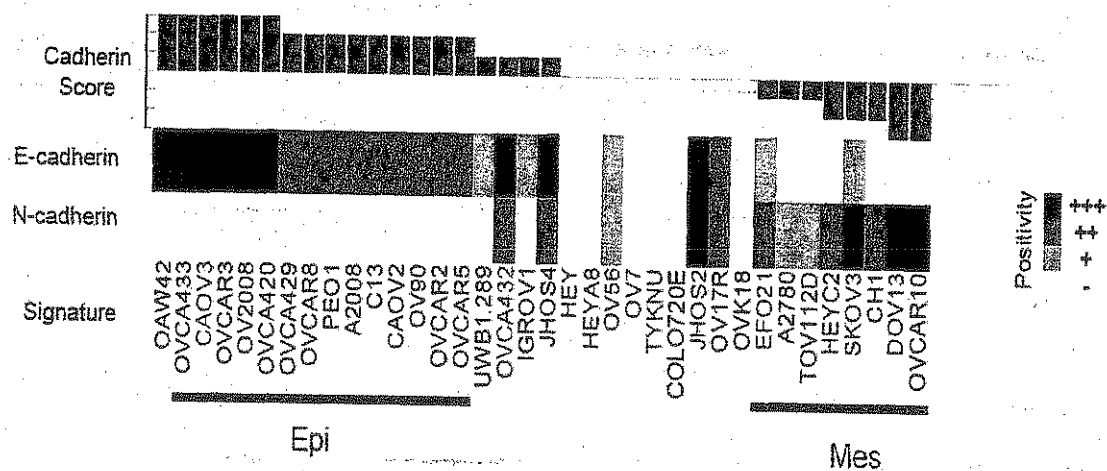
Fig. 11 (continued)



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Fig. 12

A



B

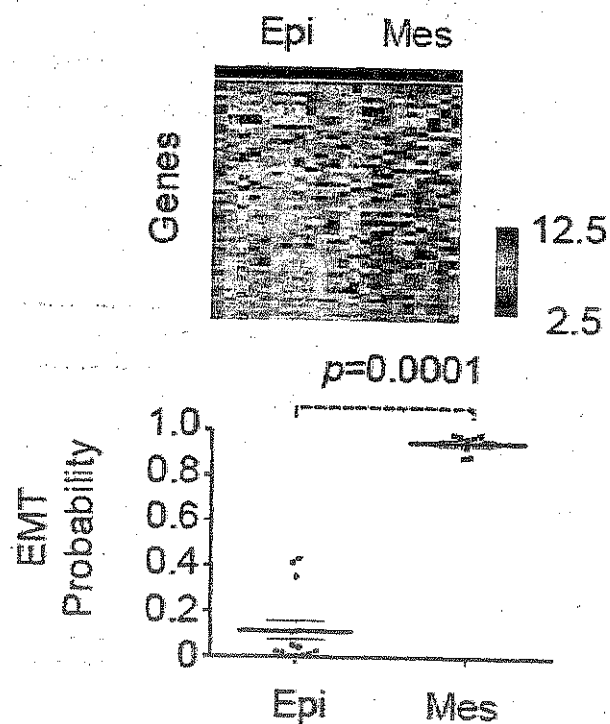


Fig. 12 (continued)

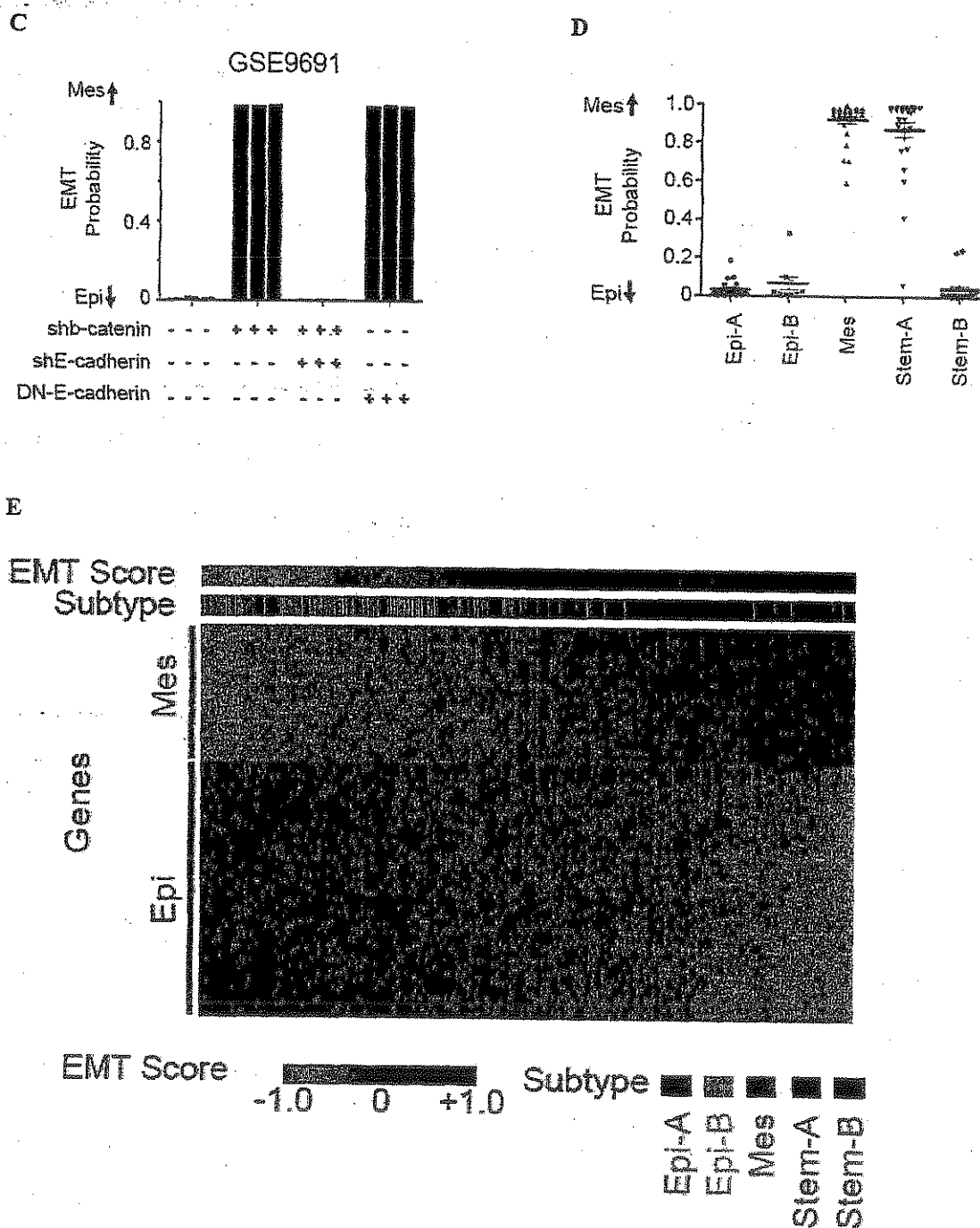
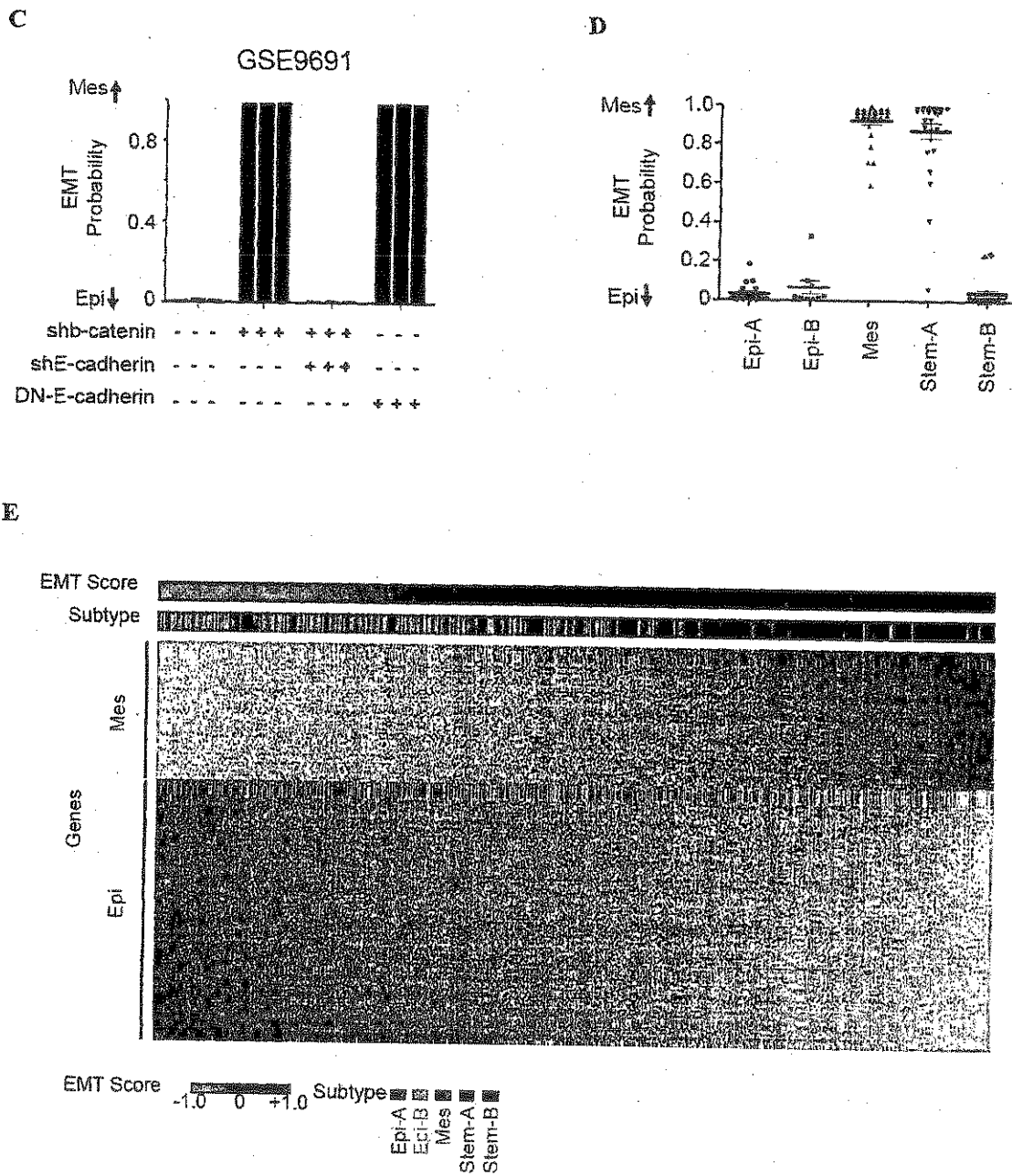


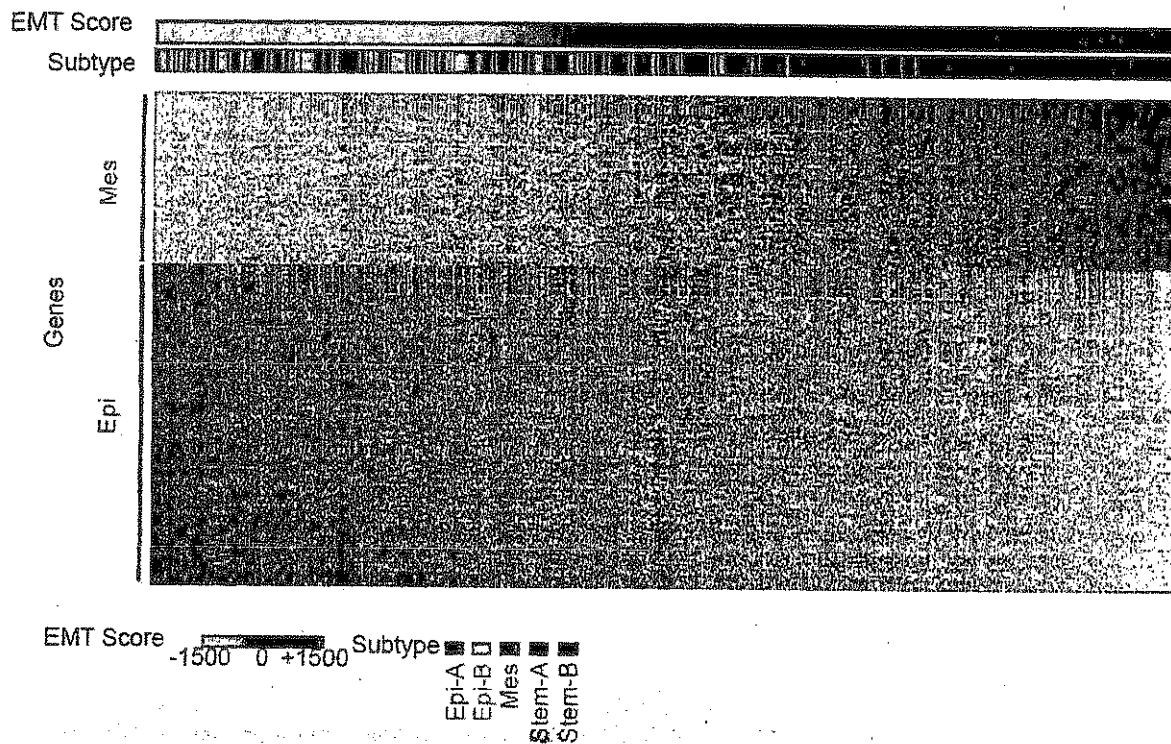
Fig. 12 (continued)



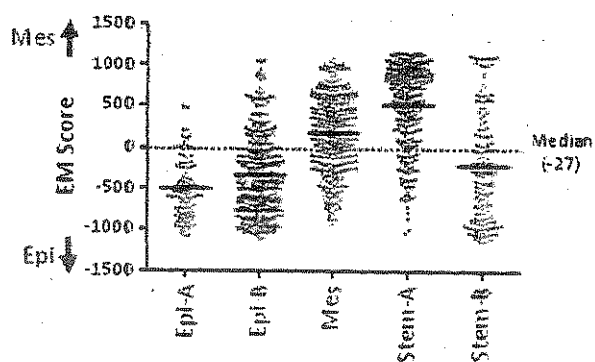
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Fig. 13

A



B

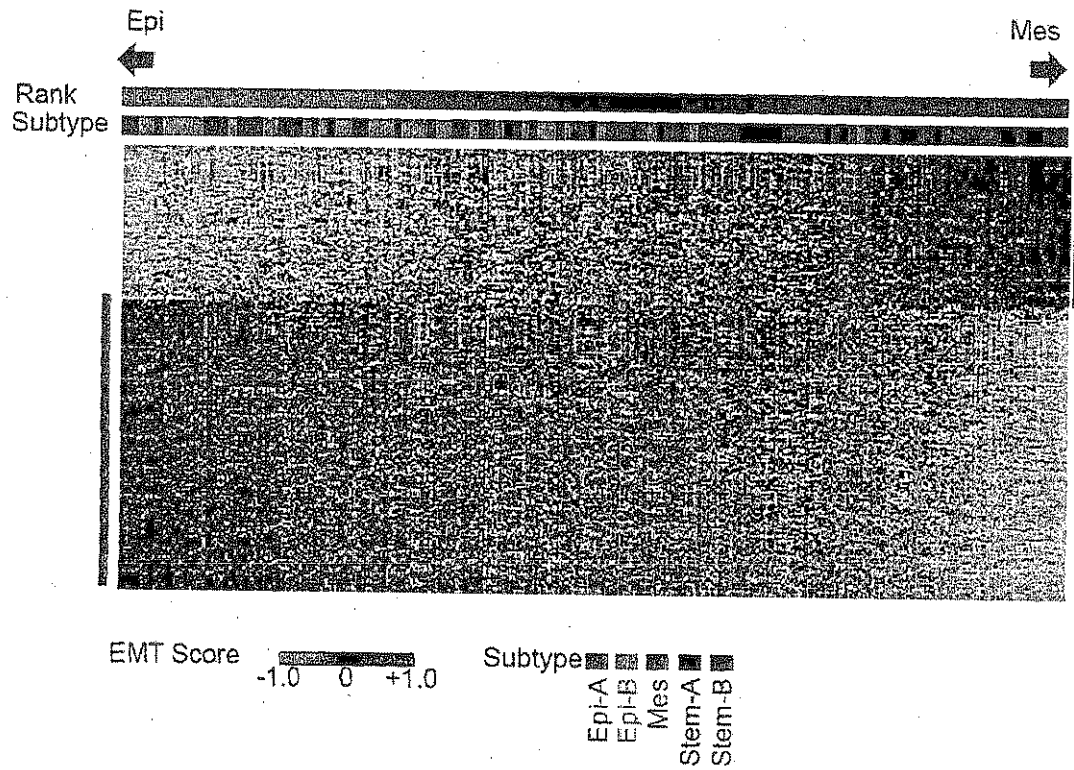


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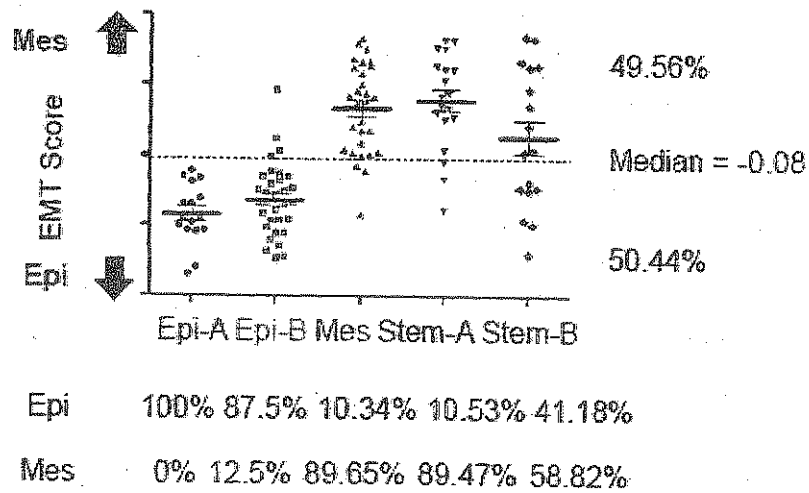
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Fig. 13 (continued)

C



D



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Fig. 14

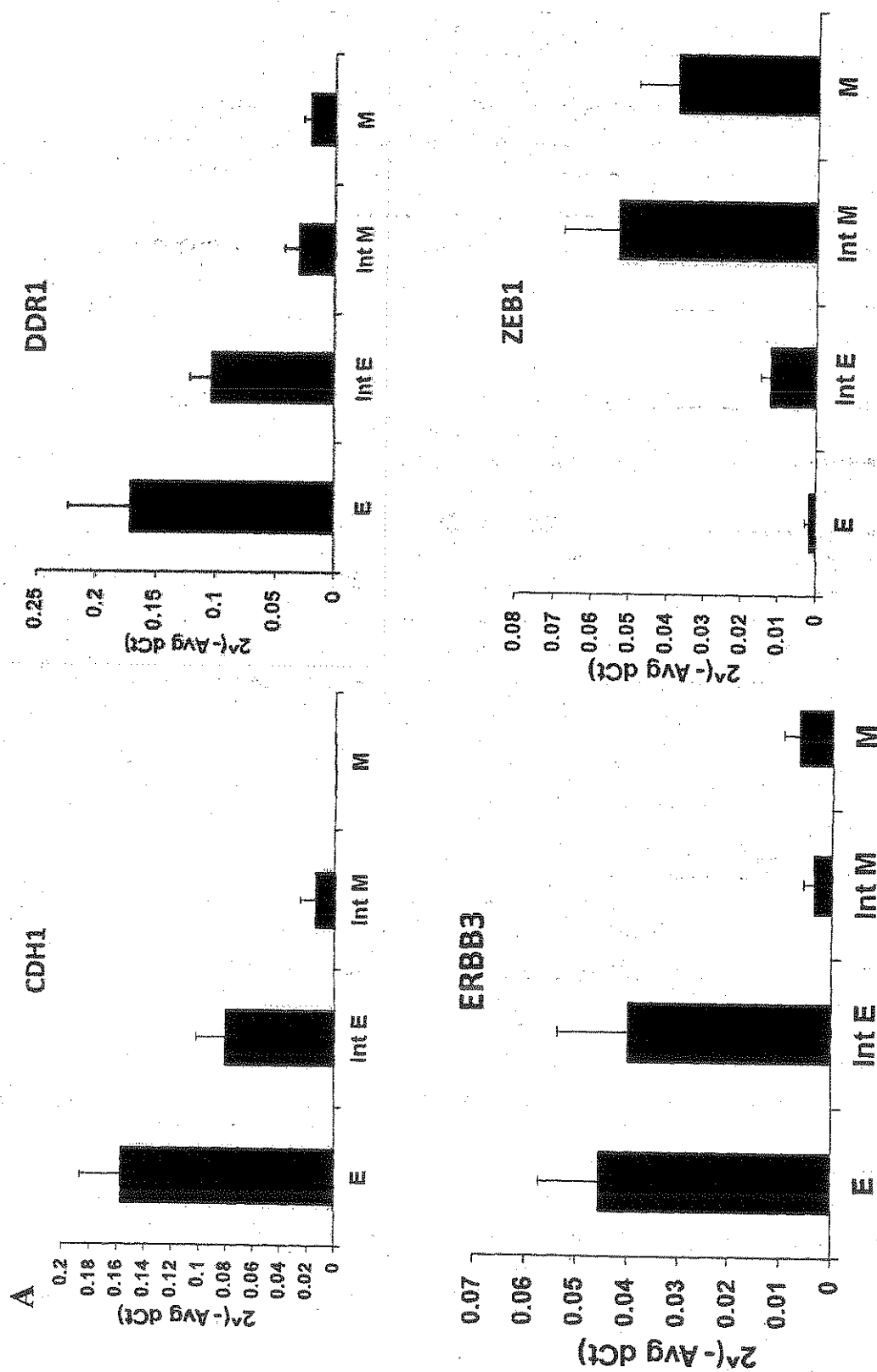


Fig. 14 (continued)

B

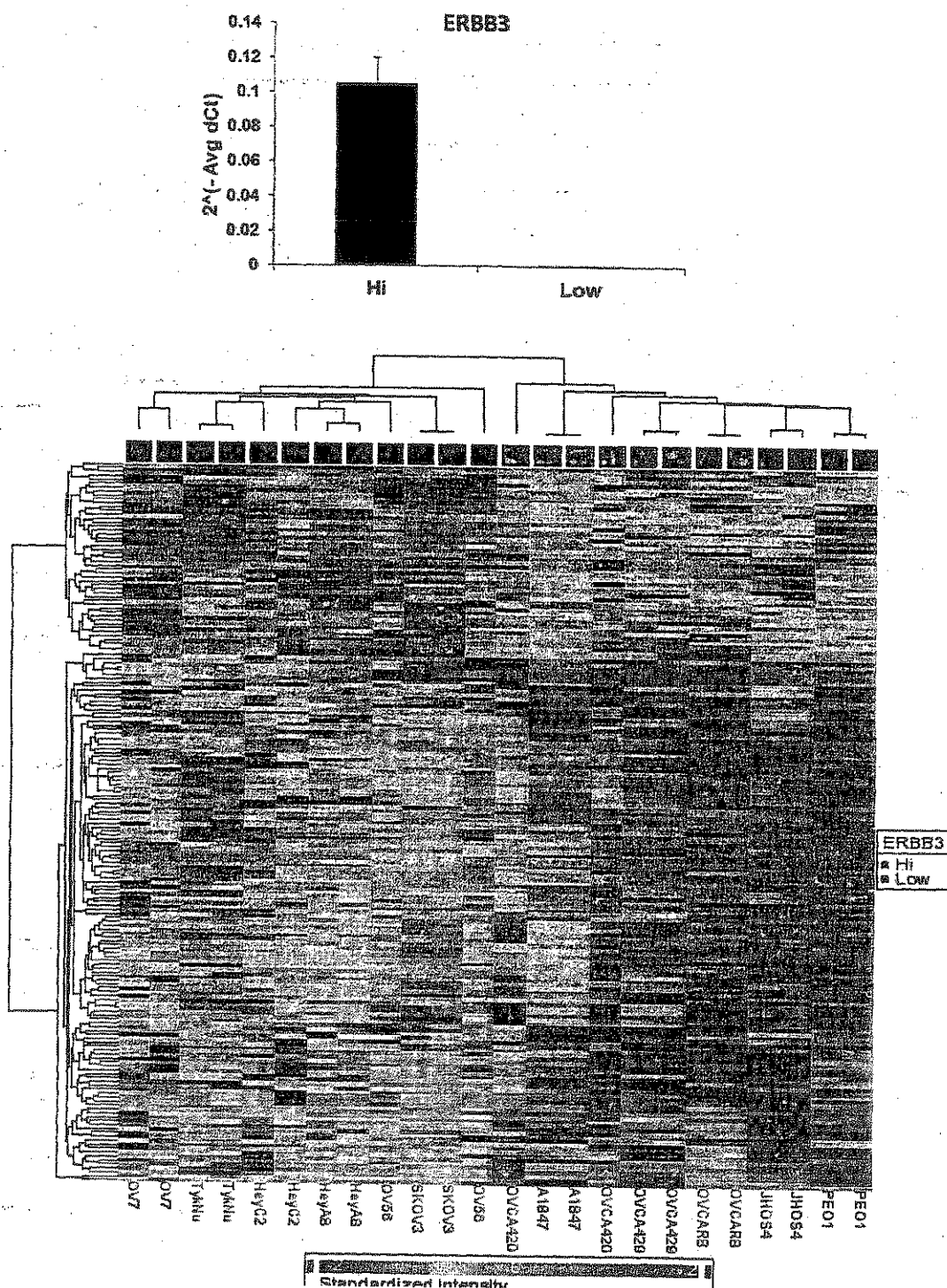
Generation of Epithelial Signature by Using 4 Markers

	<u>DDR1</u>	<u>CDH1</u>	<u>ERBB3</u>	<u>ZEB1</u>
Hi	Caov3 OVCAR3 C13 A2008 OV2008 OVCA420	Caov3 OVCA432 OVCA420 OAW42 OVCA433 C13	A1847 JHOS4 OVCA420 PEO1 OVCA429 OVCAR8	OV7 TykNu SKOV3 Hey COLO720E BG1
Low	SKOV3 HeyC2 Hey BG1 HeyA8 TykNu	Hey TykNu OVCAR10 A2780 BG1 HeyA8	TykNu HeyC2 OV7 OV56 HeyA8 SKOV3	OVCAR3 OV2008 A2008 C13 OVCAR8 JHOS4

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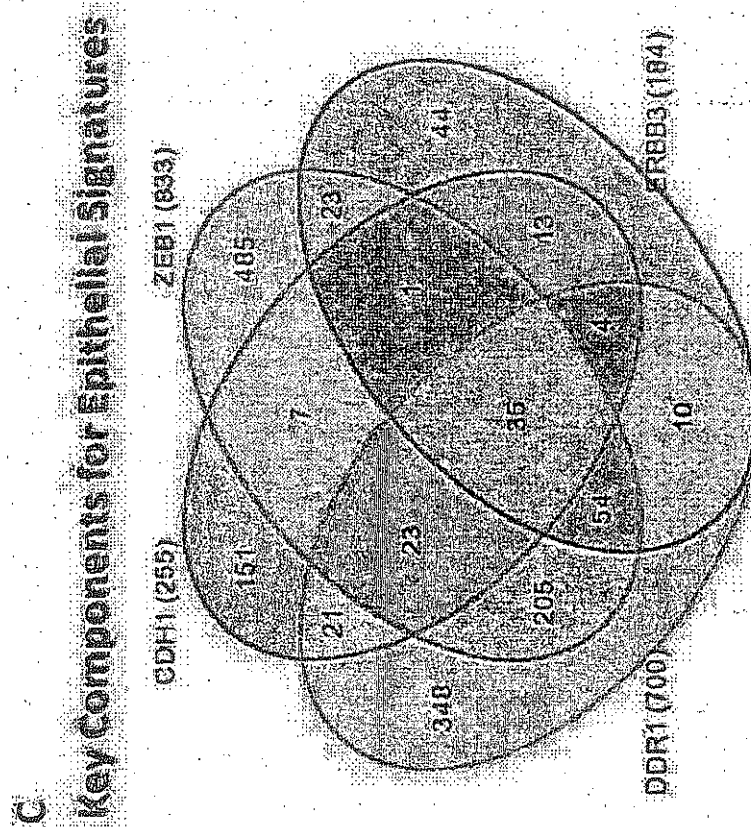
Fig. 14 (continued)

B (continued)



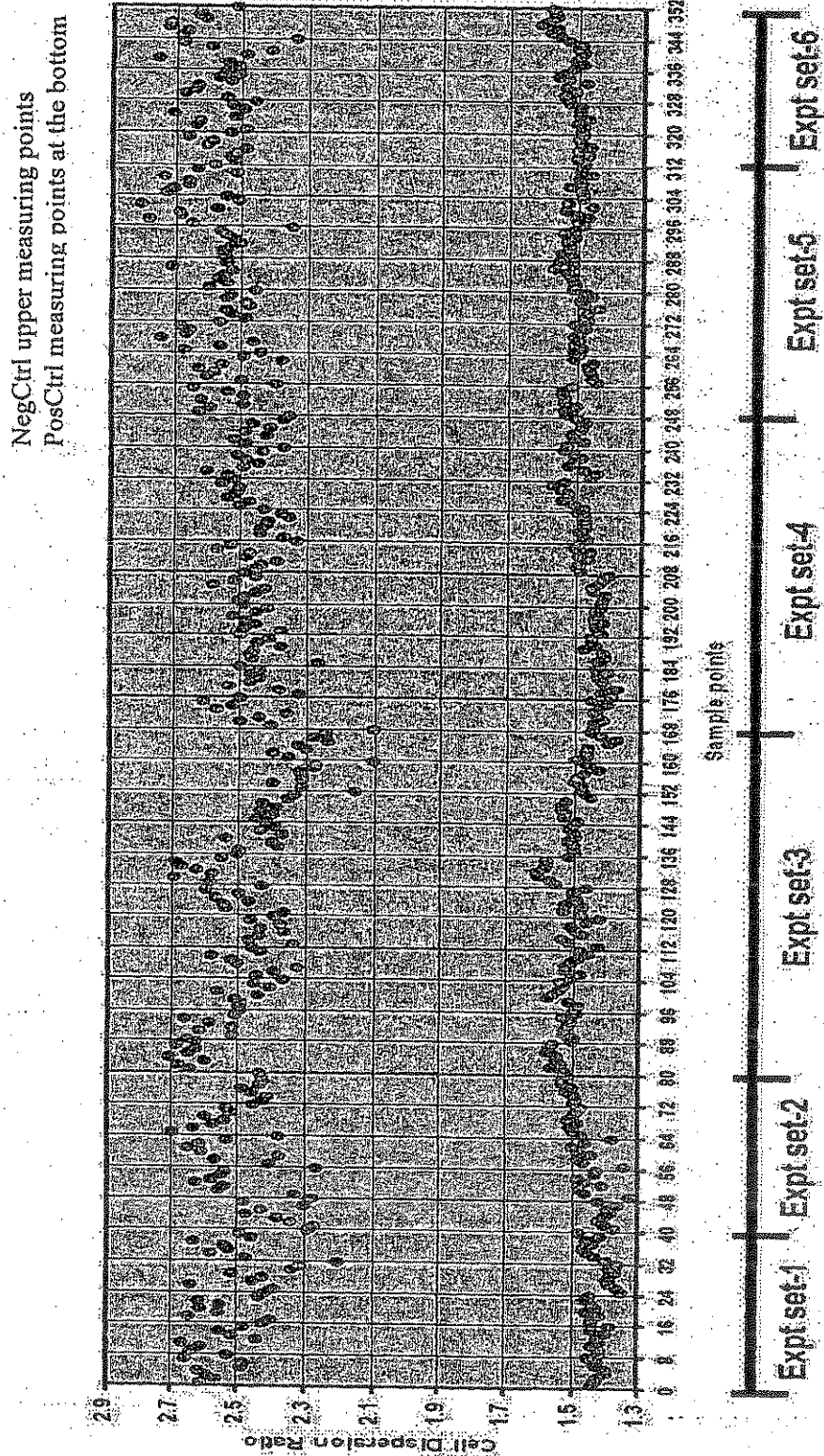
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Fig.14 (continued)



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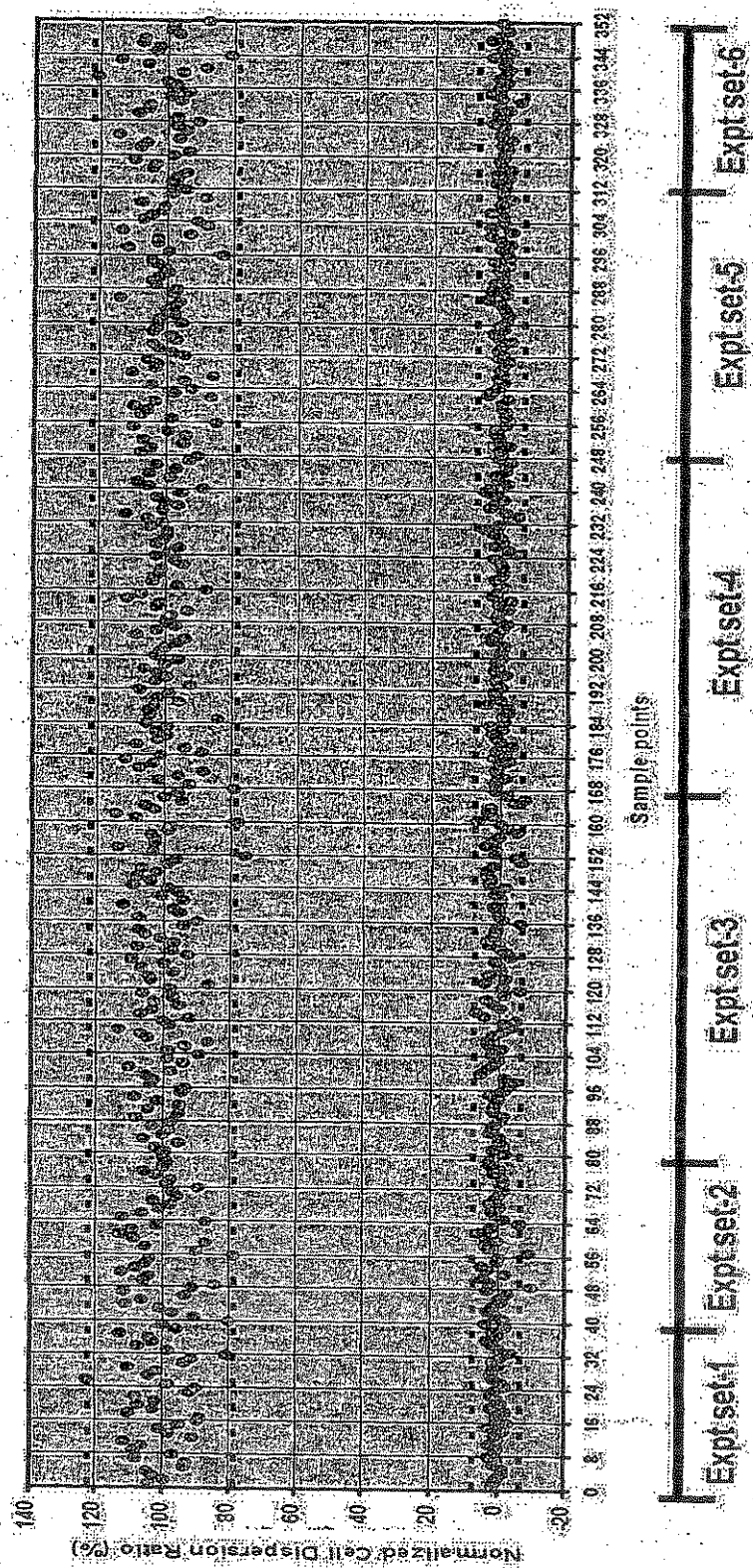
Fig. 15



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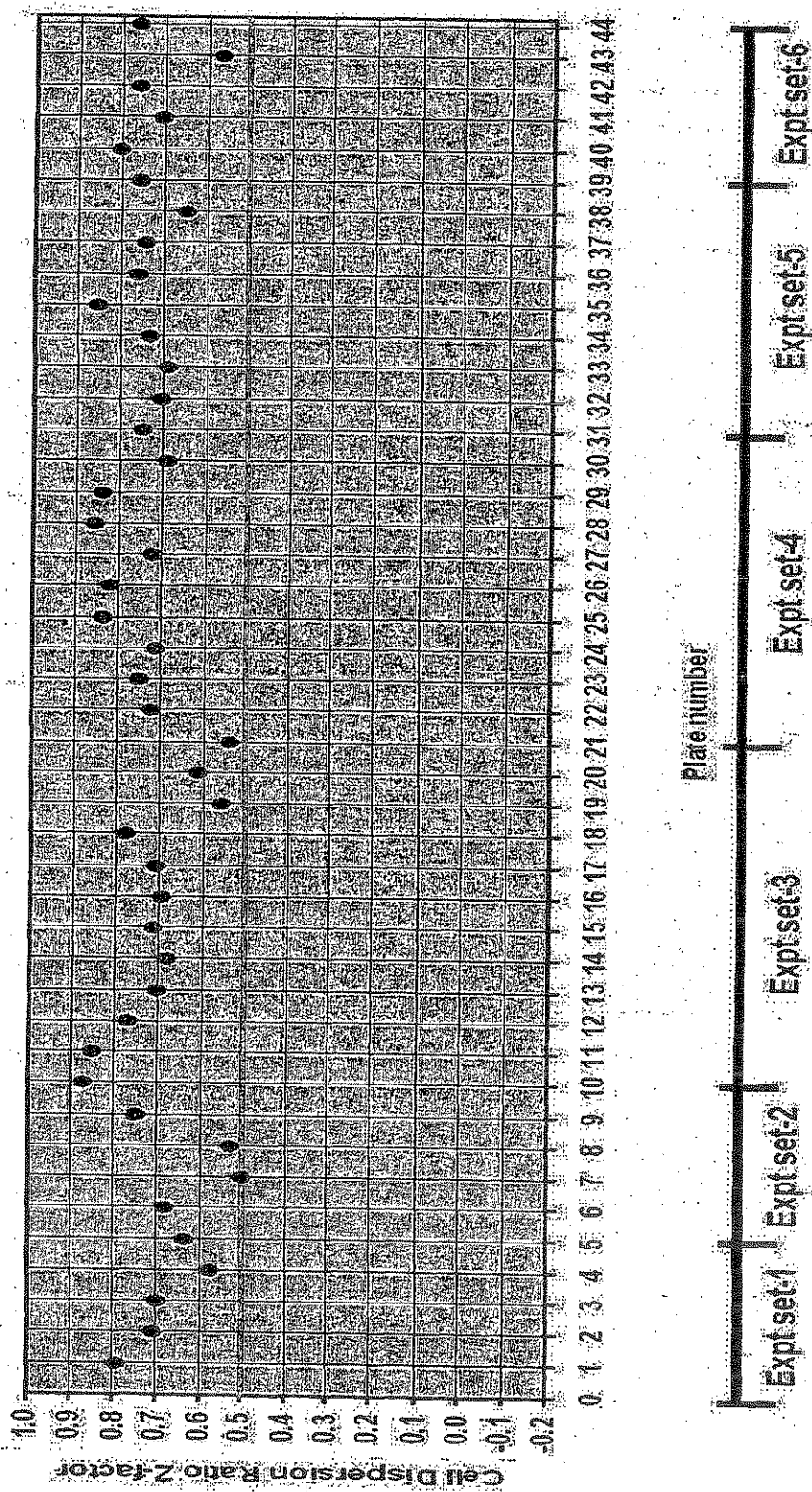
Fig. 16

NegCtrl upper measuring points
PosCtrl measuring points at the bottom



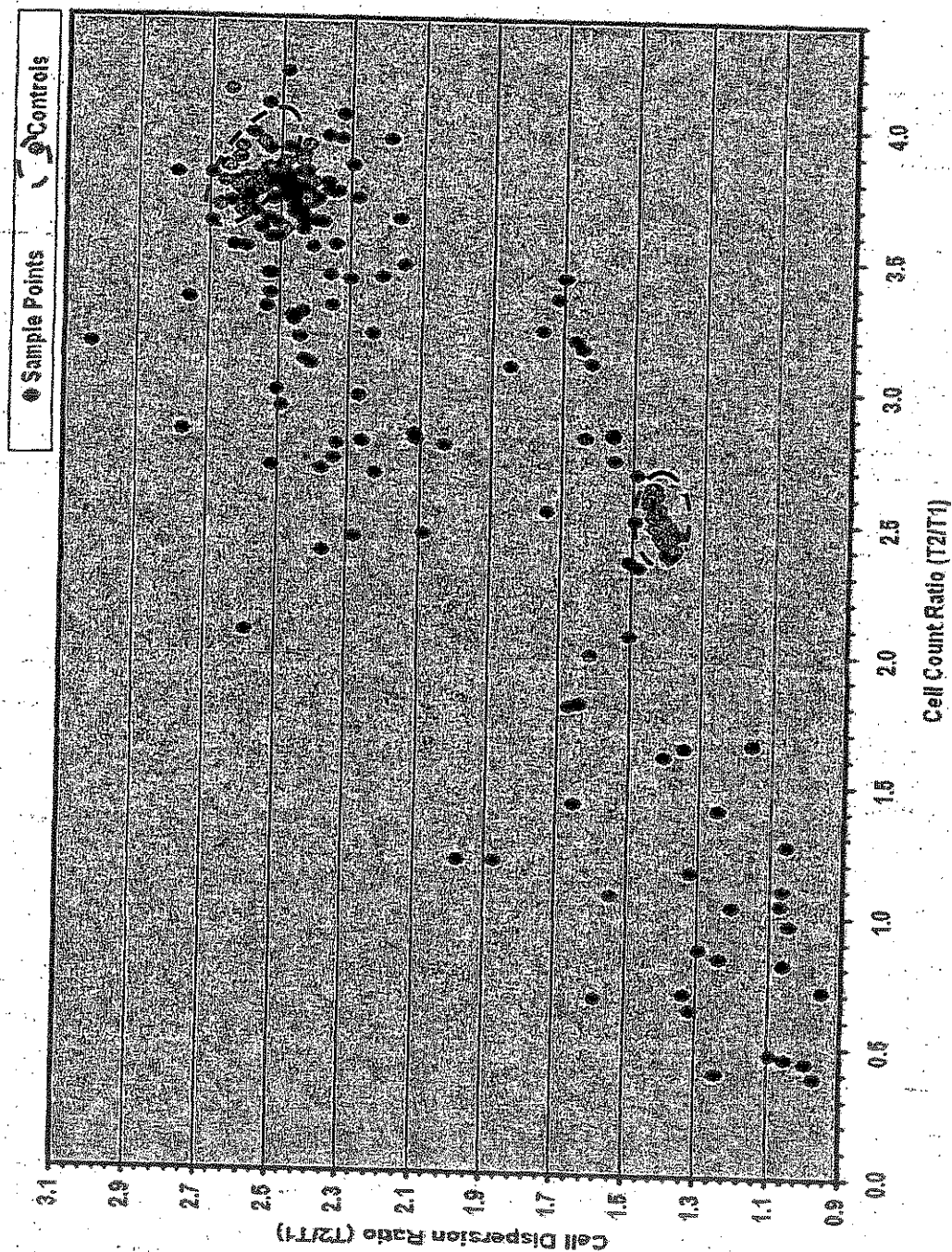
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Fig. 17



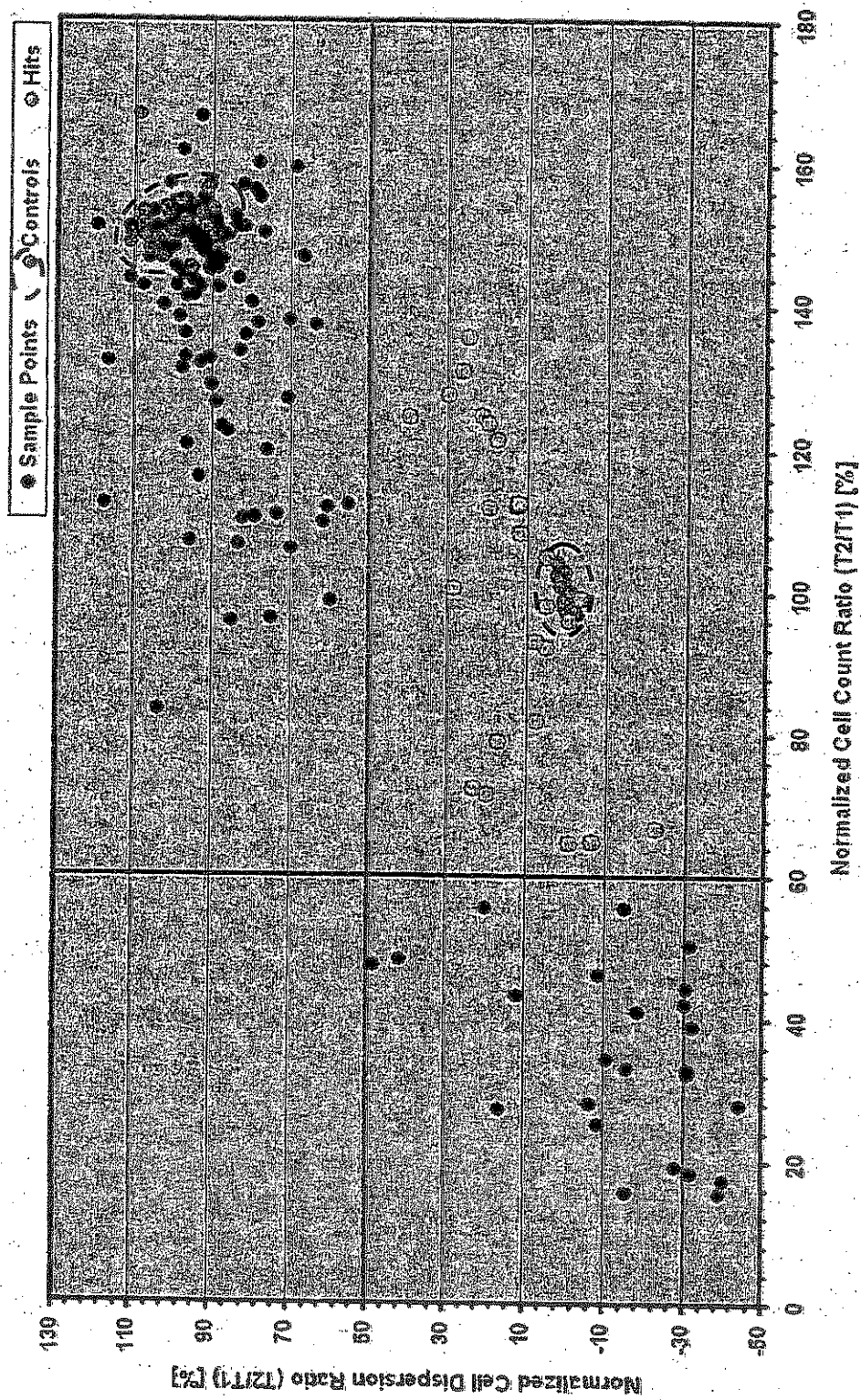
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Fig. 18



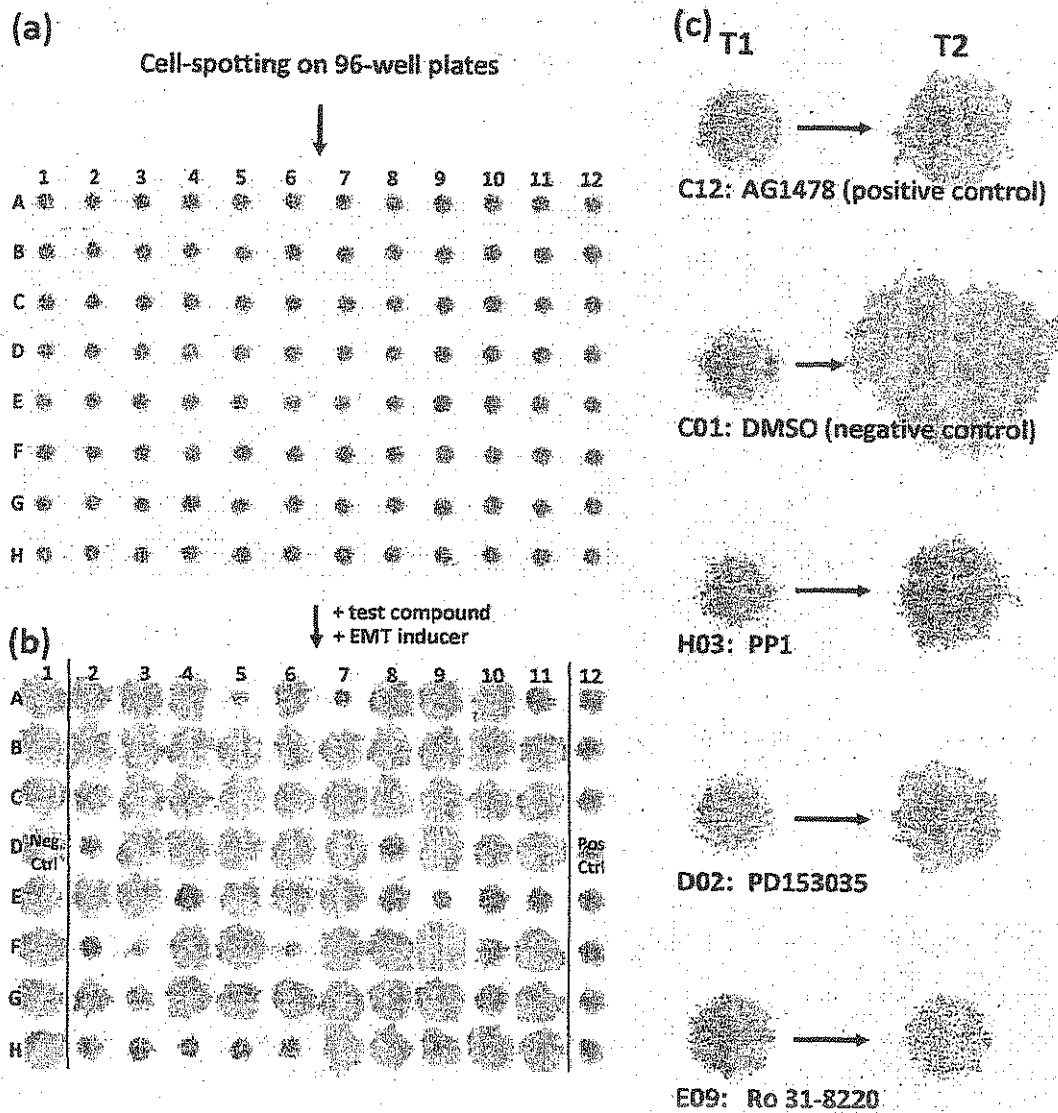
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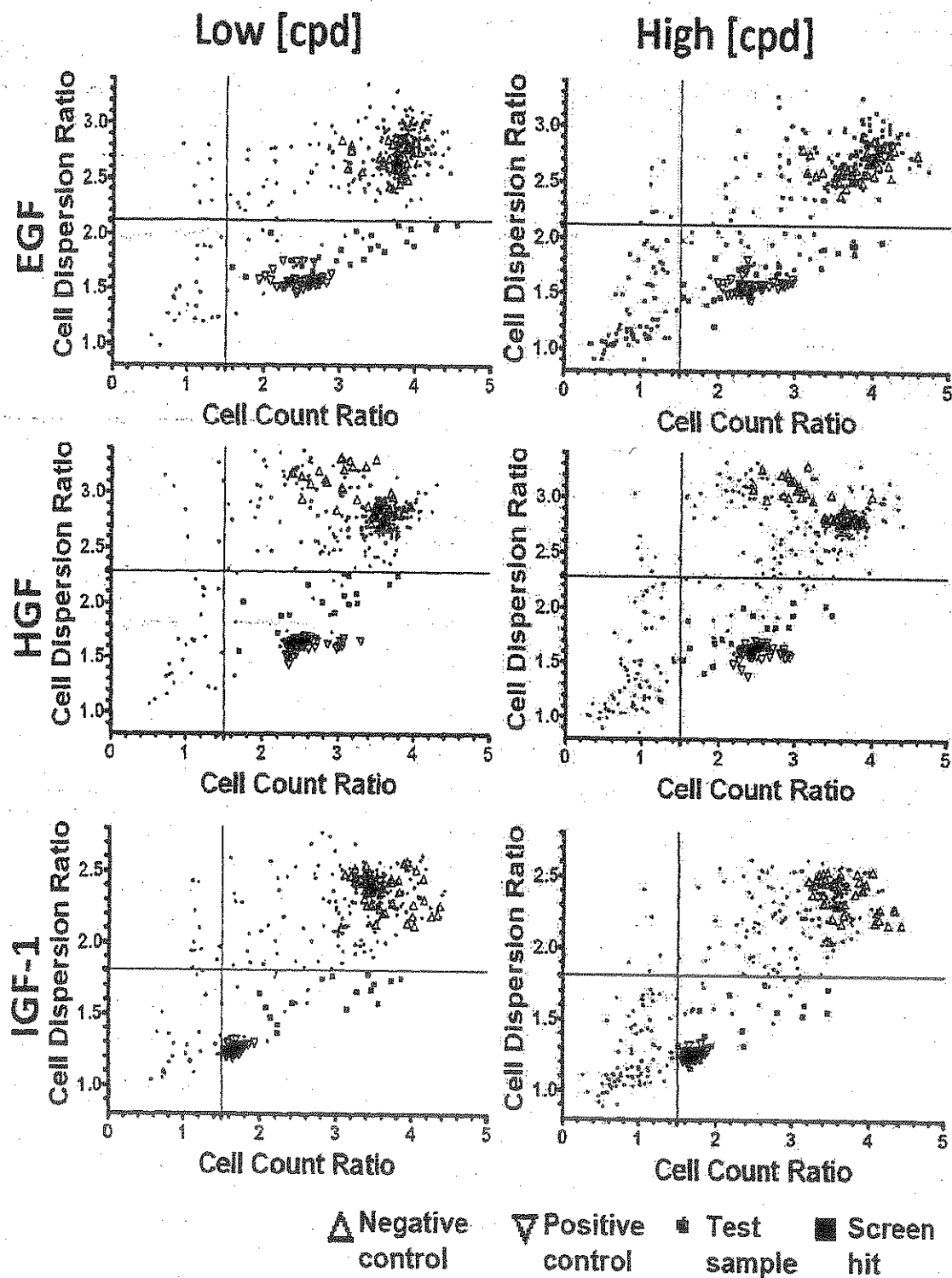
Fig. 19



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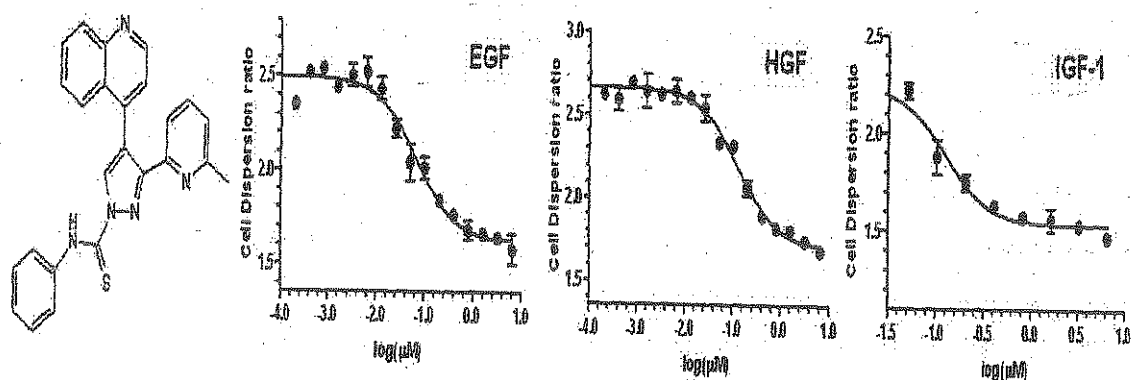
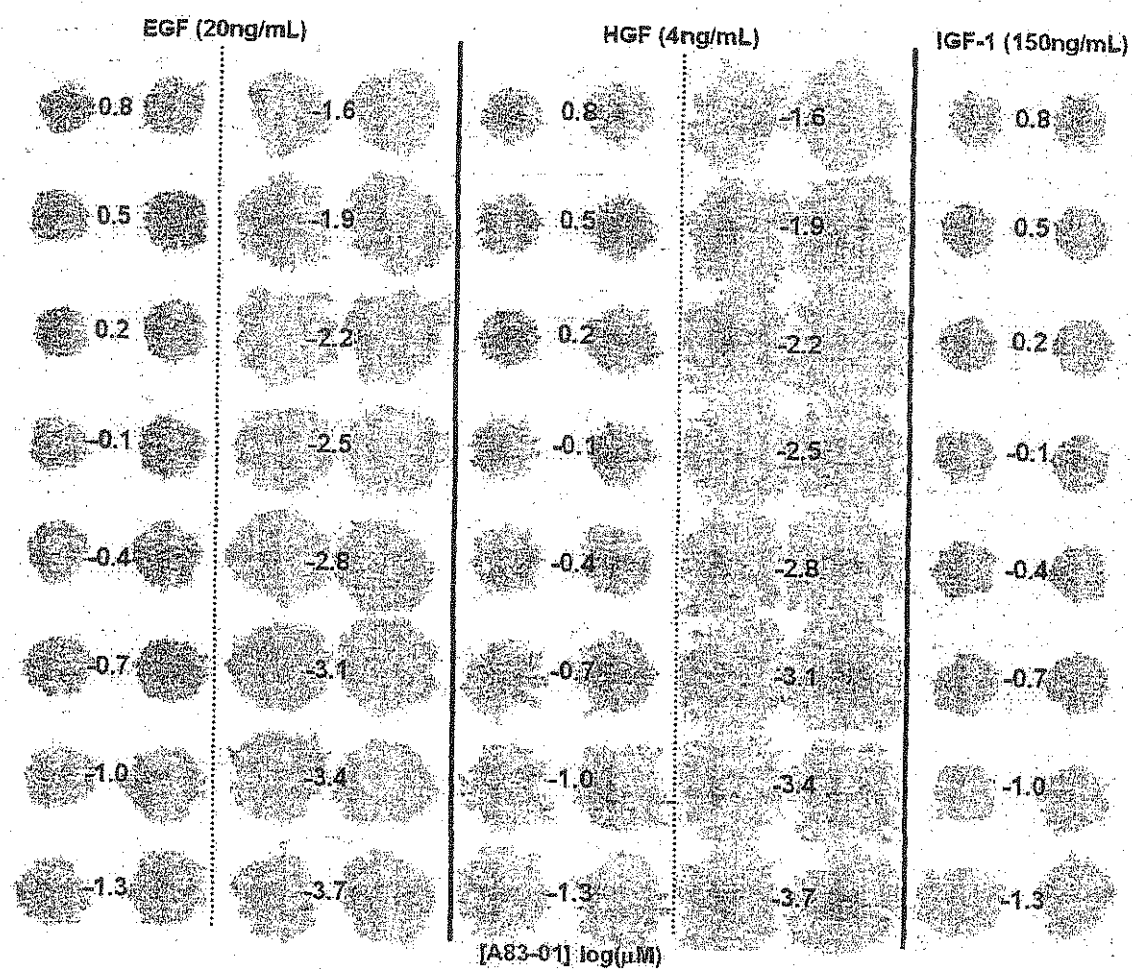
Fig. 20





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Fig. 22



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Fig. 23

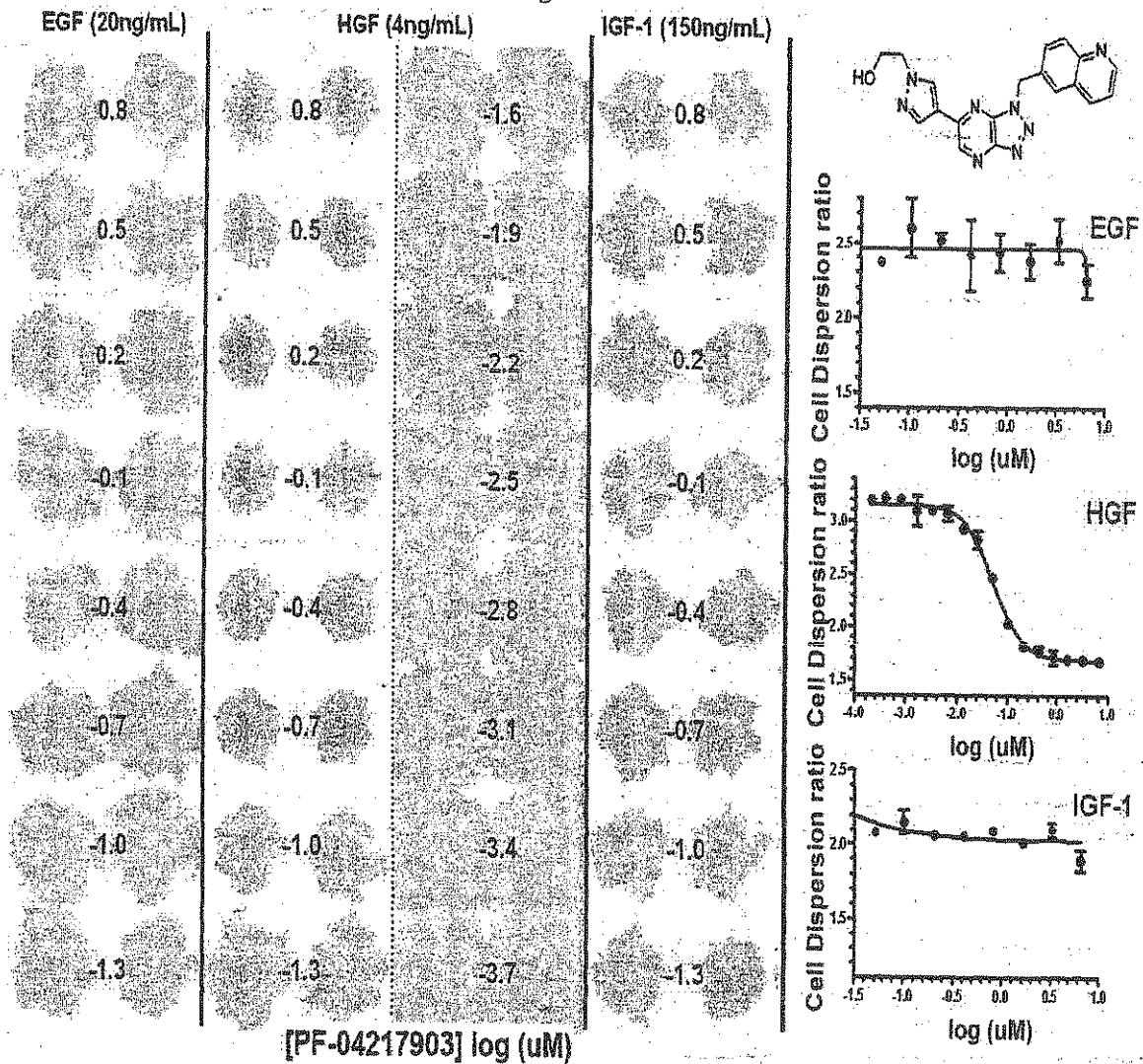
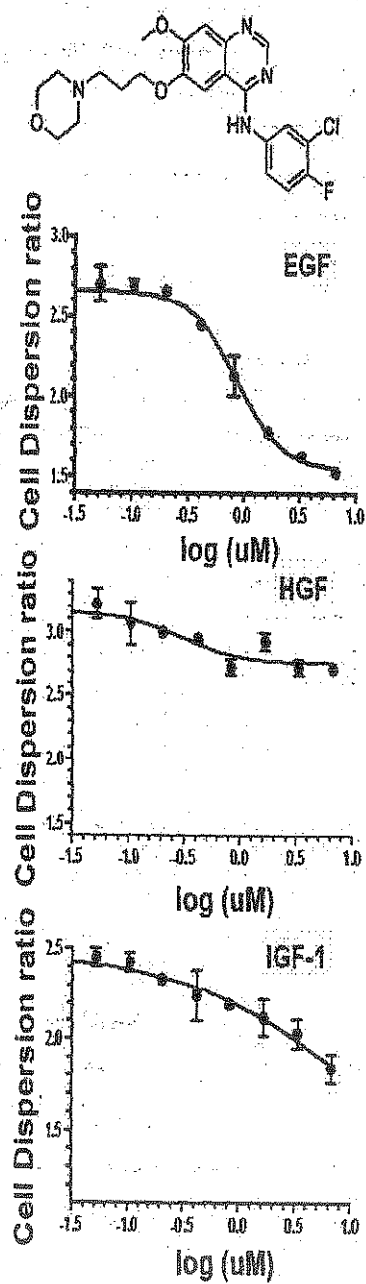
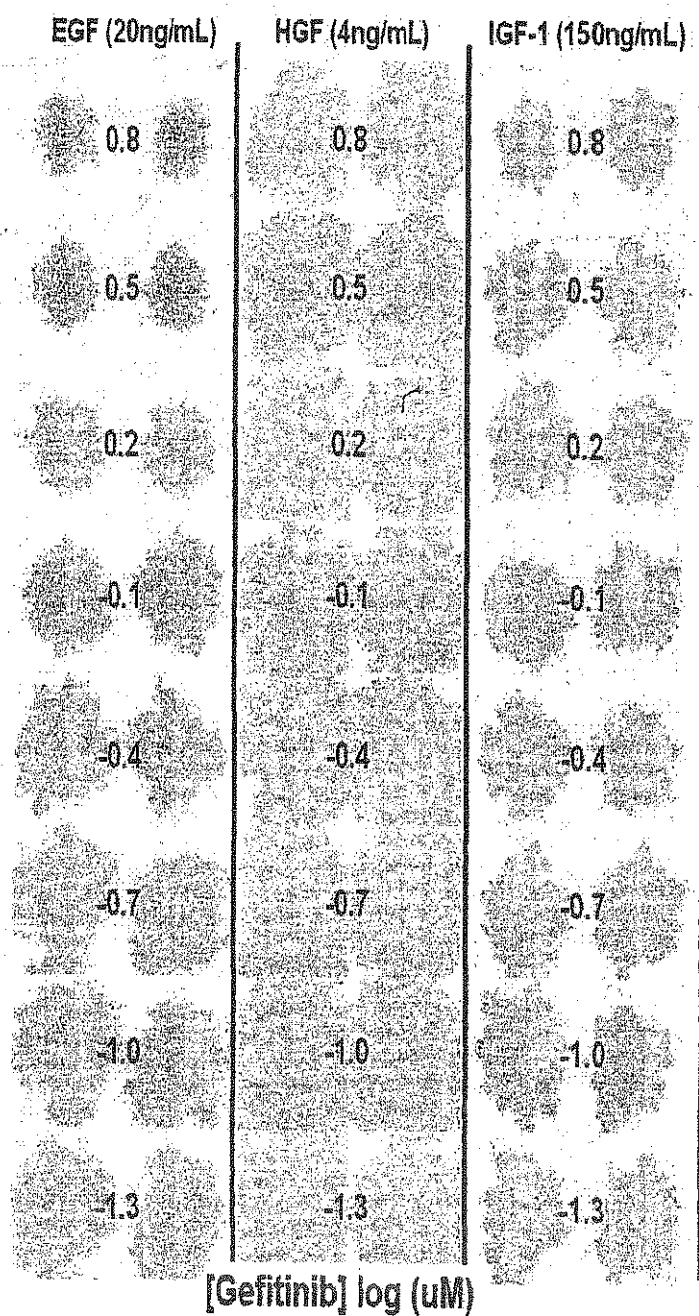


Fig. 24



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Fig. 25

A

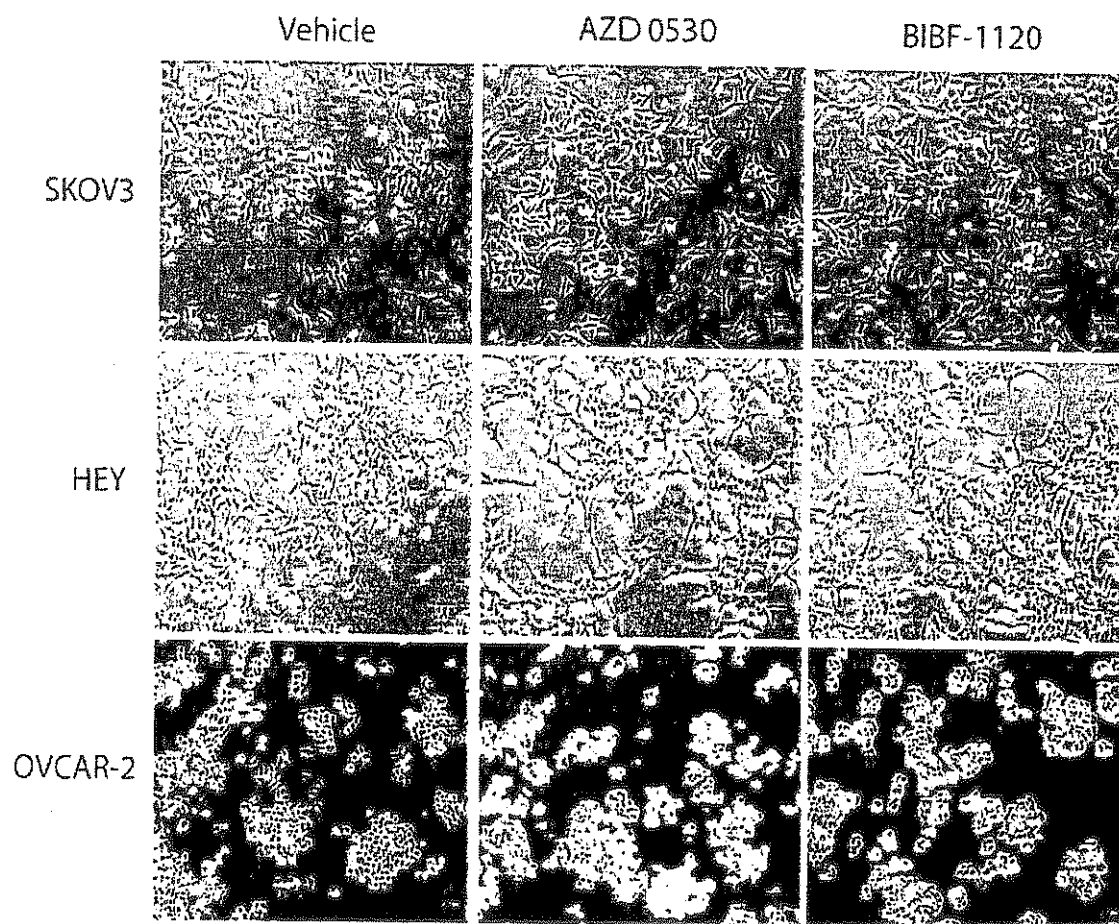
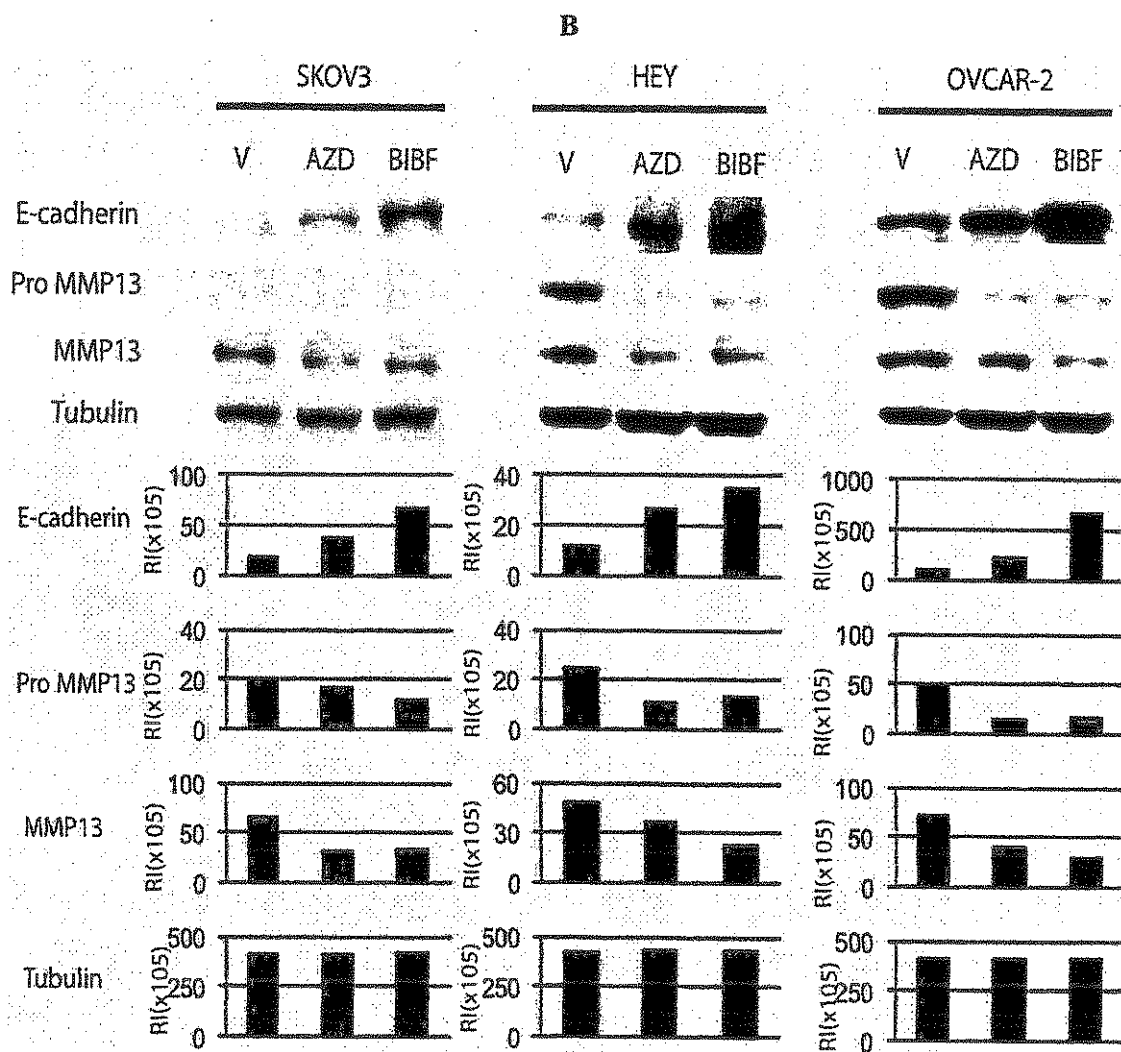
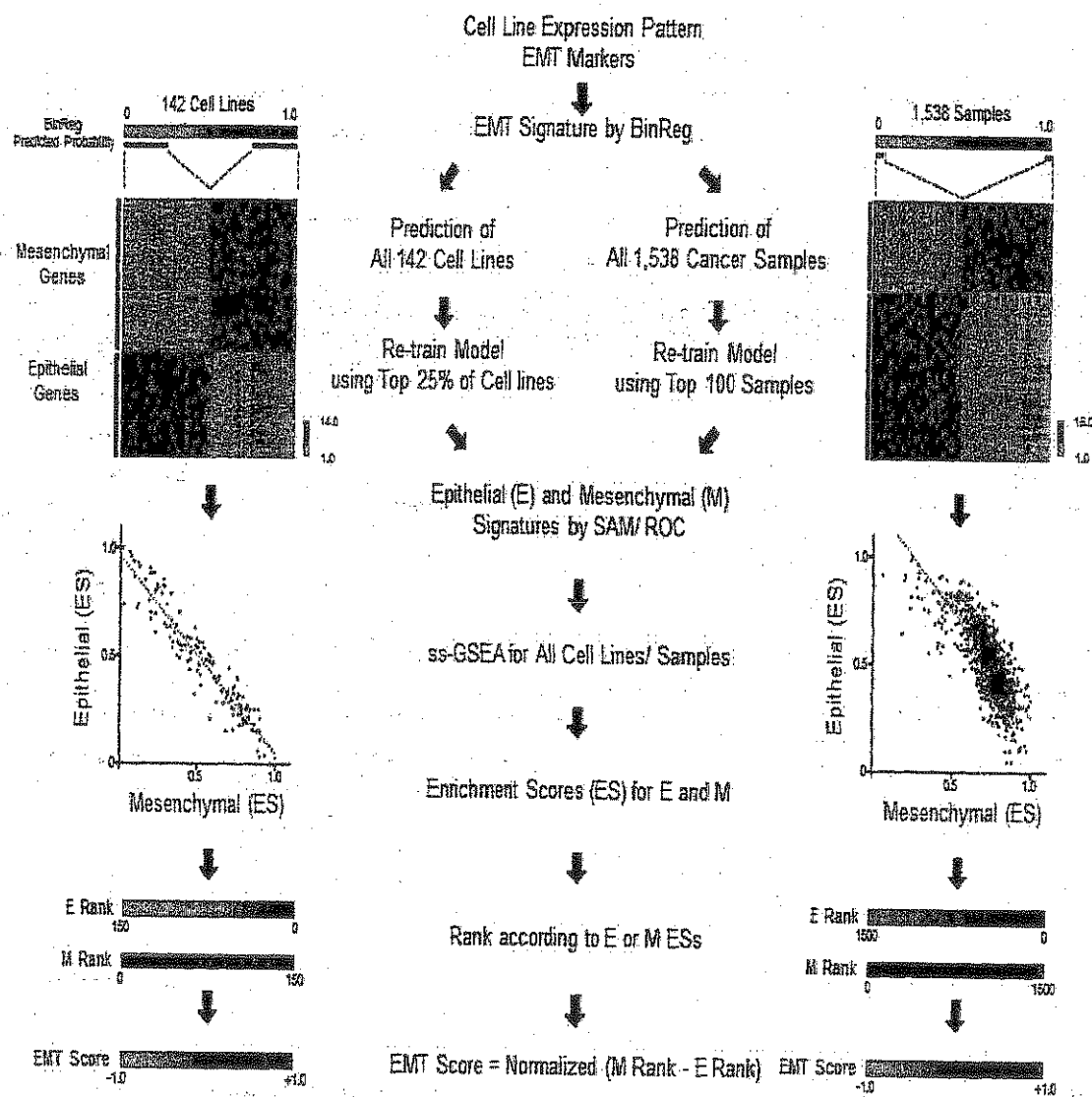


Fig. 25 (continued)



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Fig. 26



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Fig. 27

