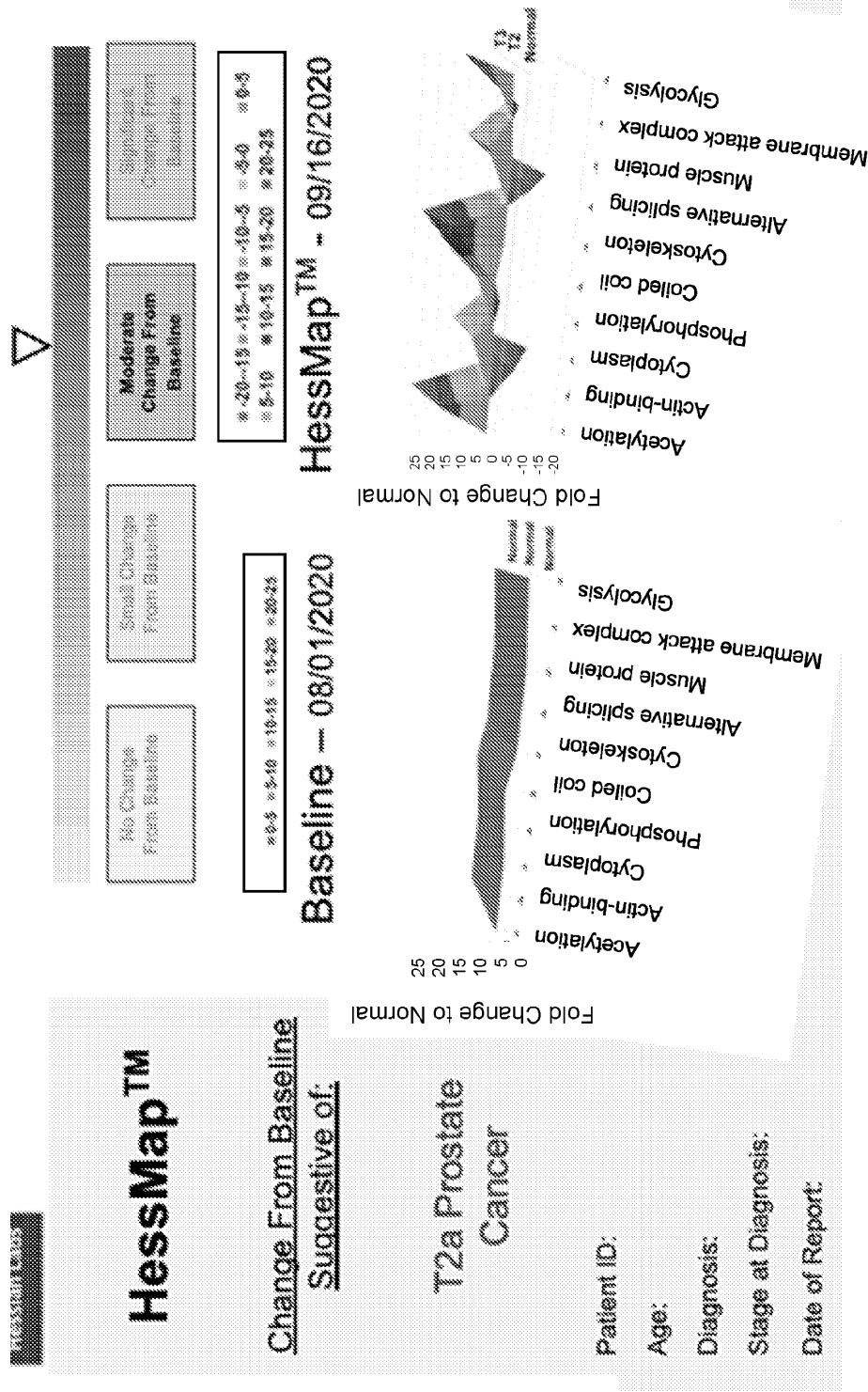




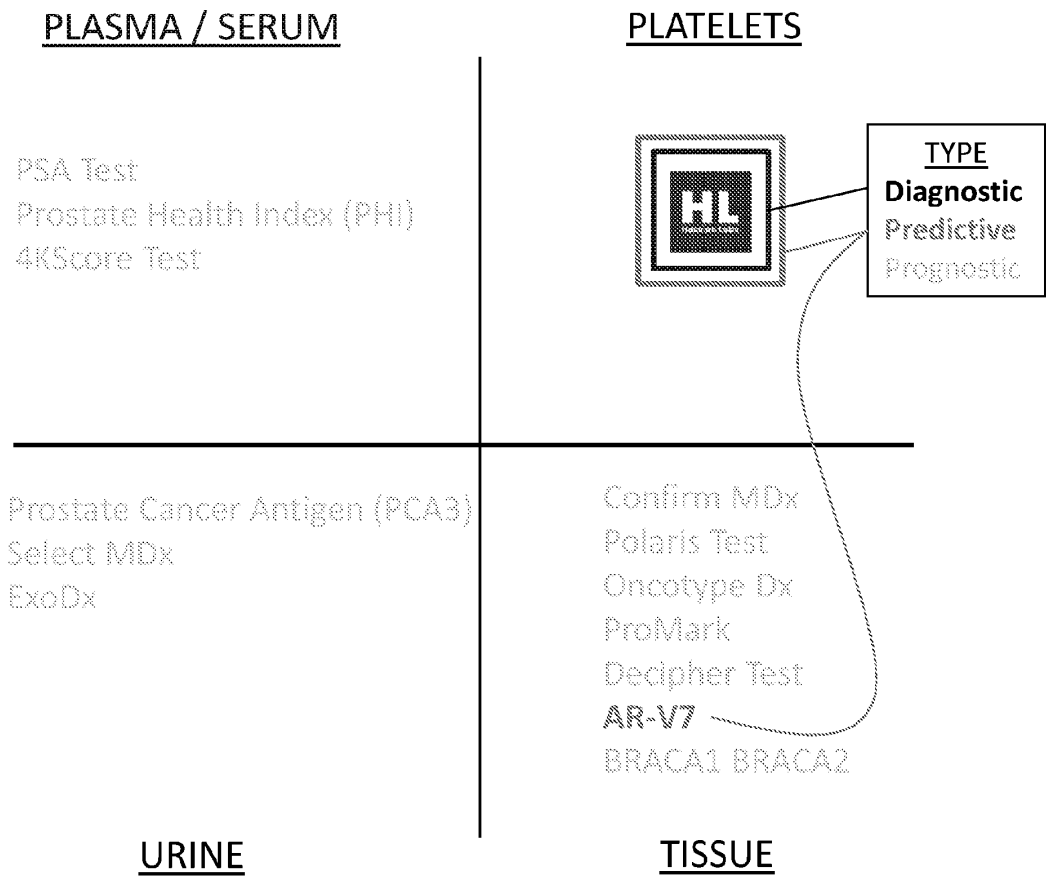


Fig. 2

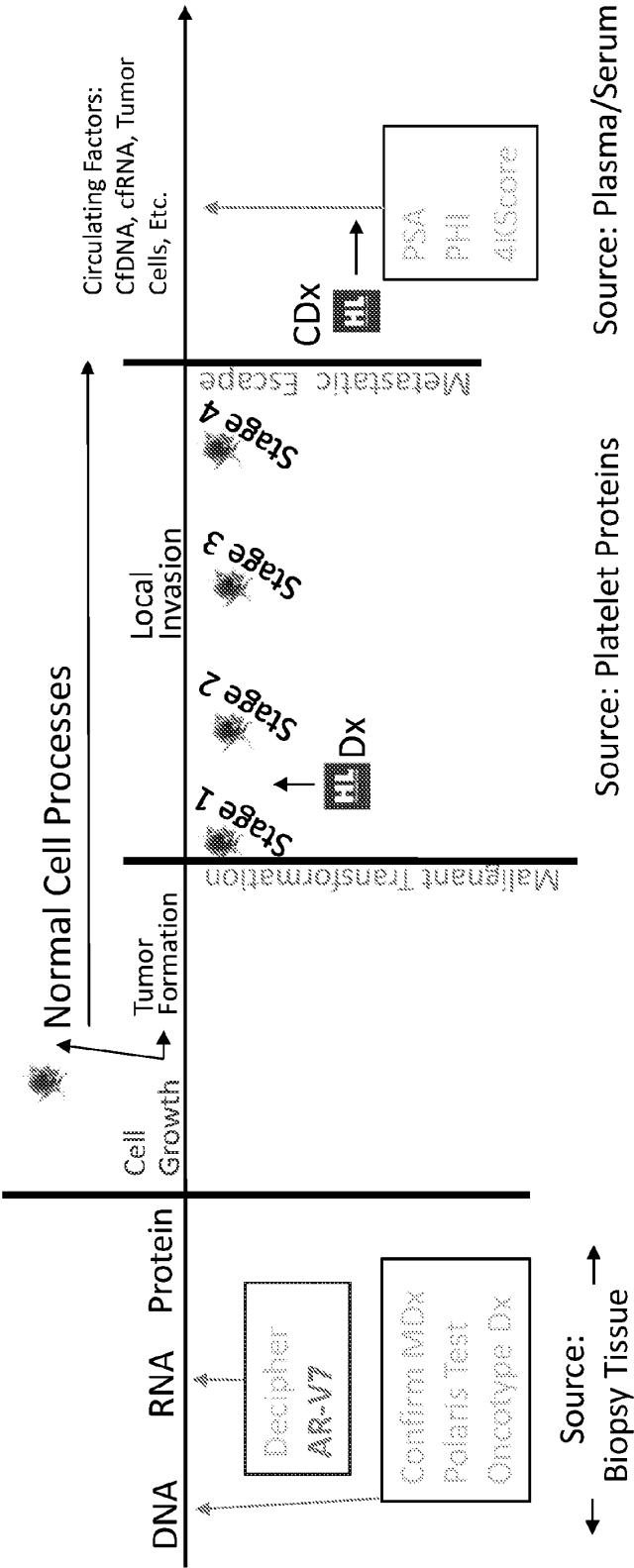


Fig. 3

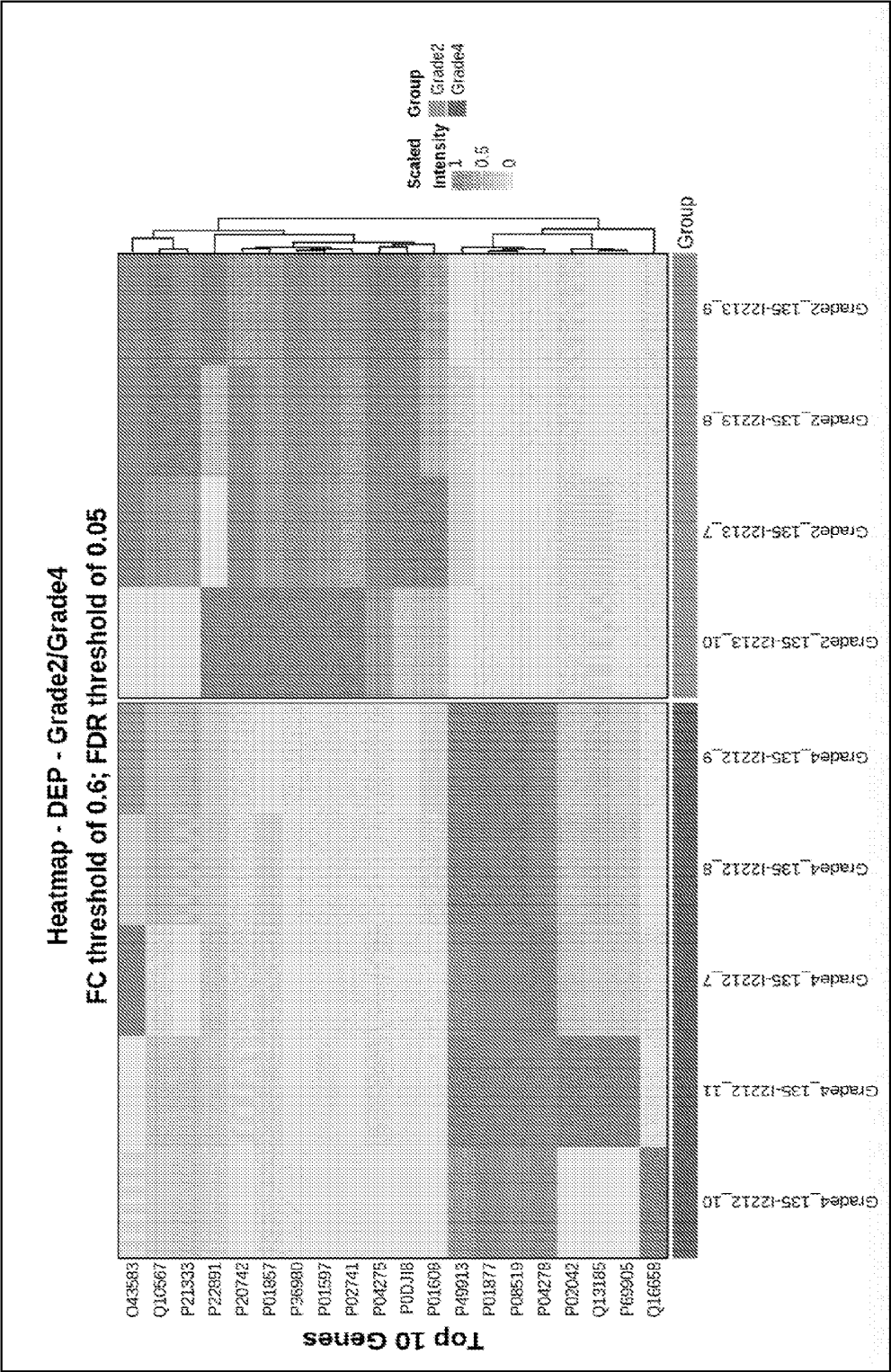


Fig. 4A

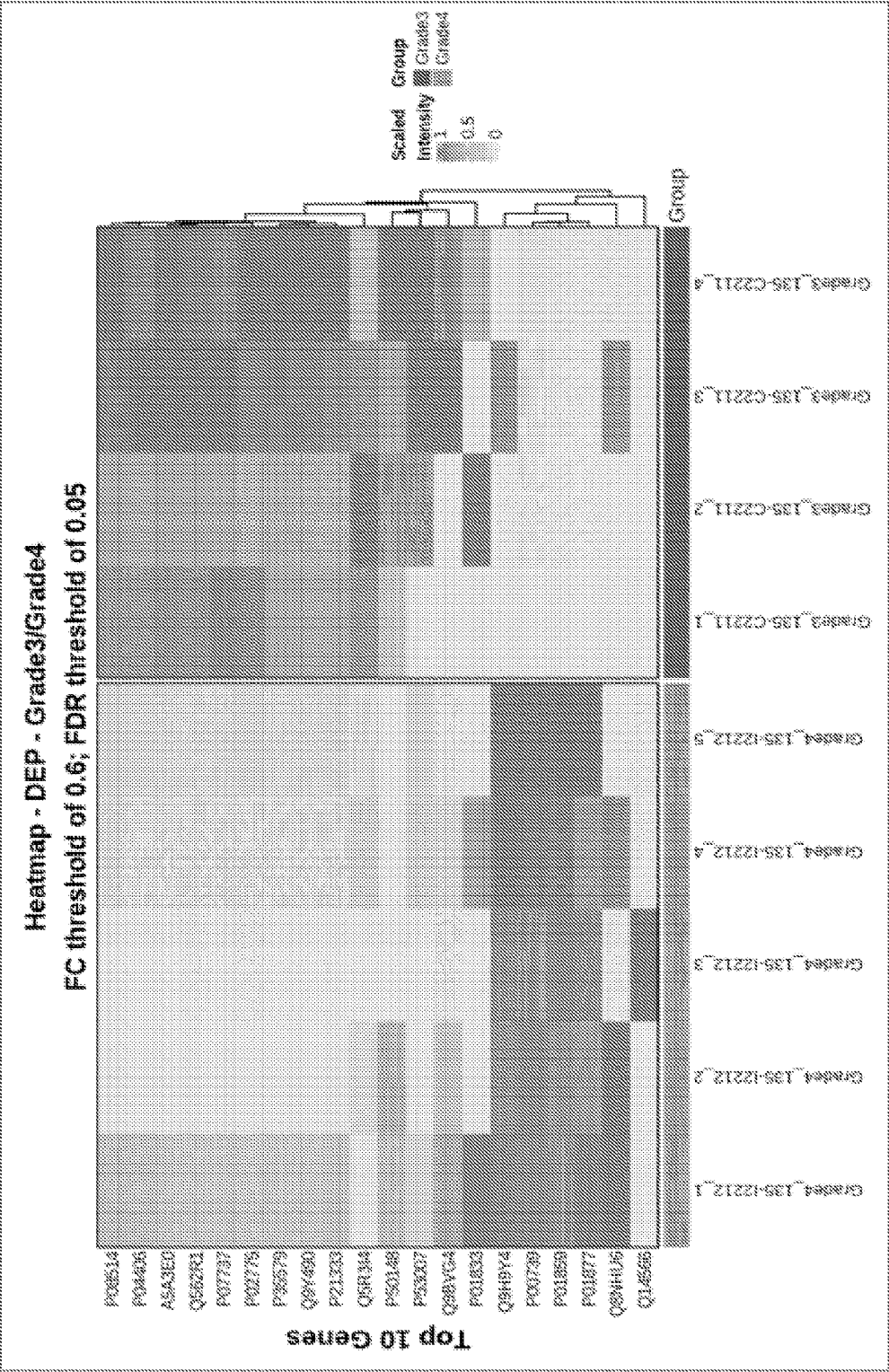


Fig. 4B

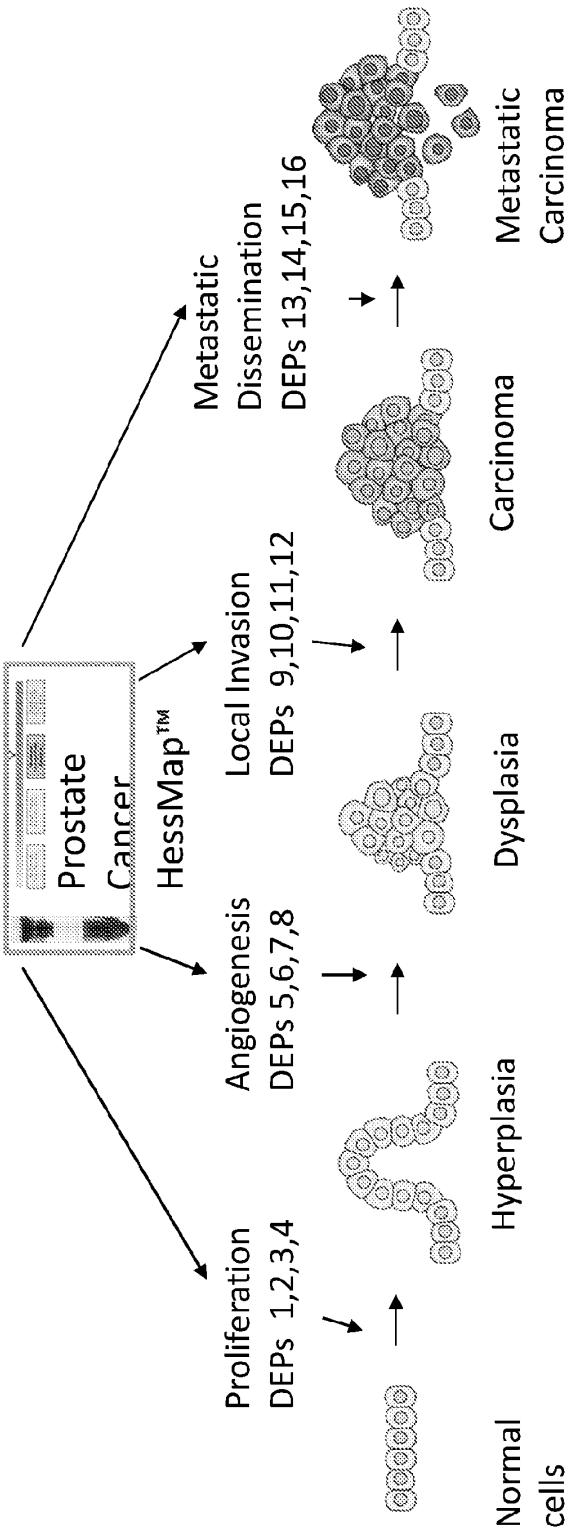


Fig. 5

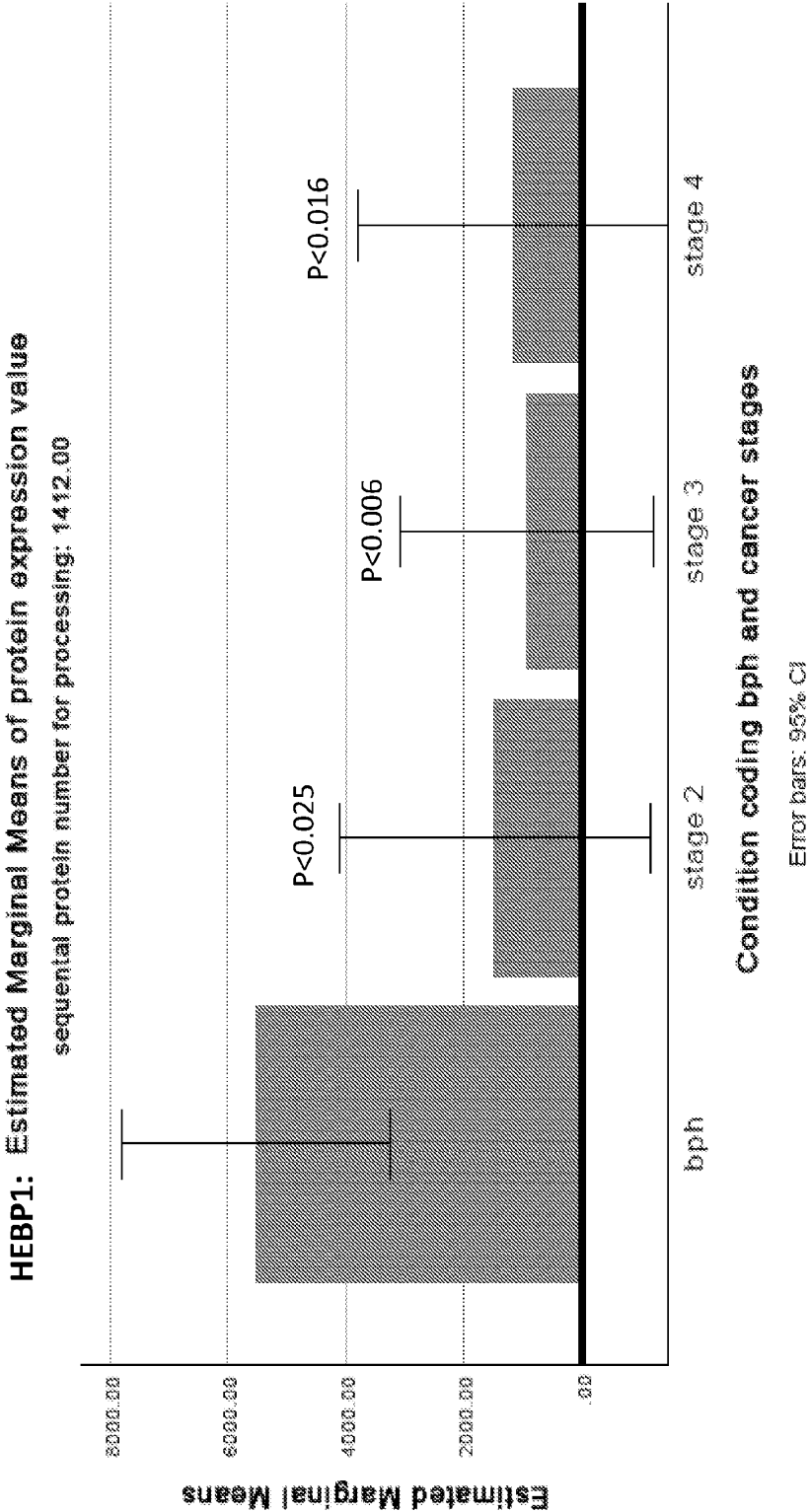


Fig. 6A

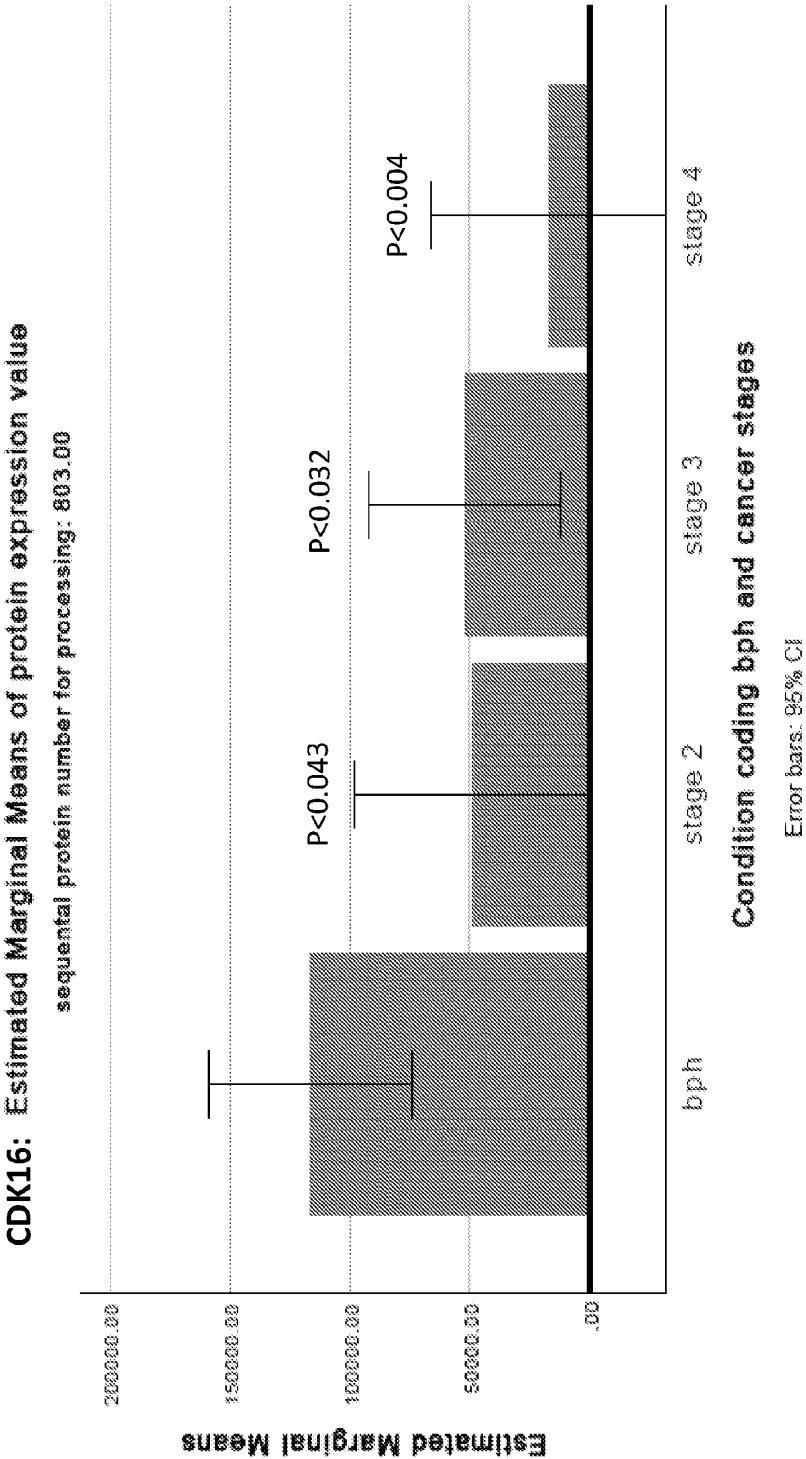


Fig. 6B

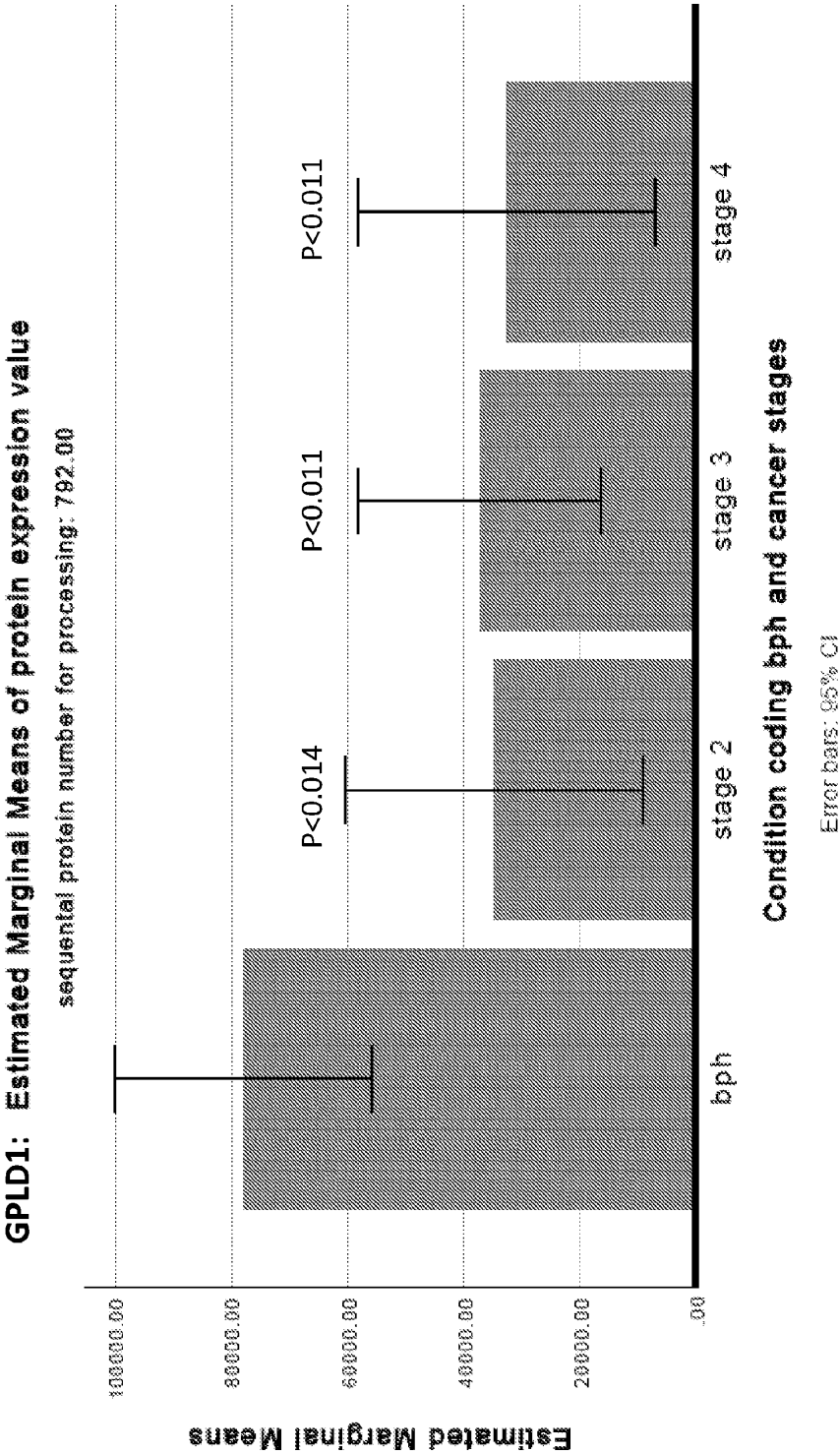


Fig. 6C

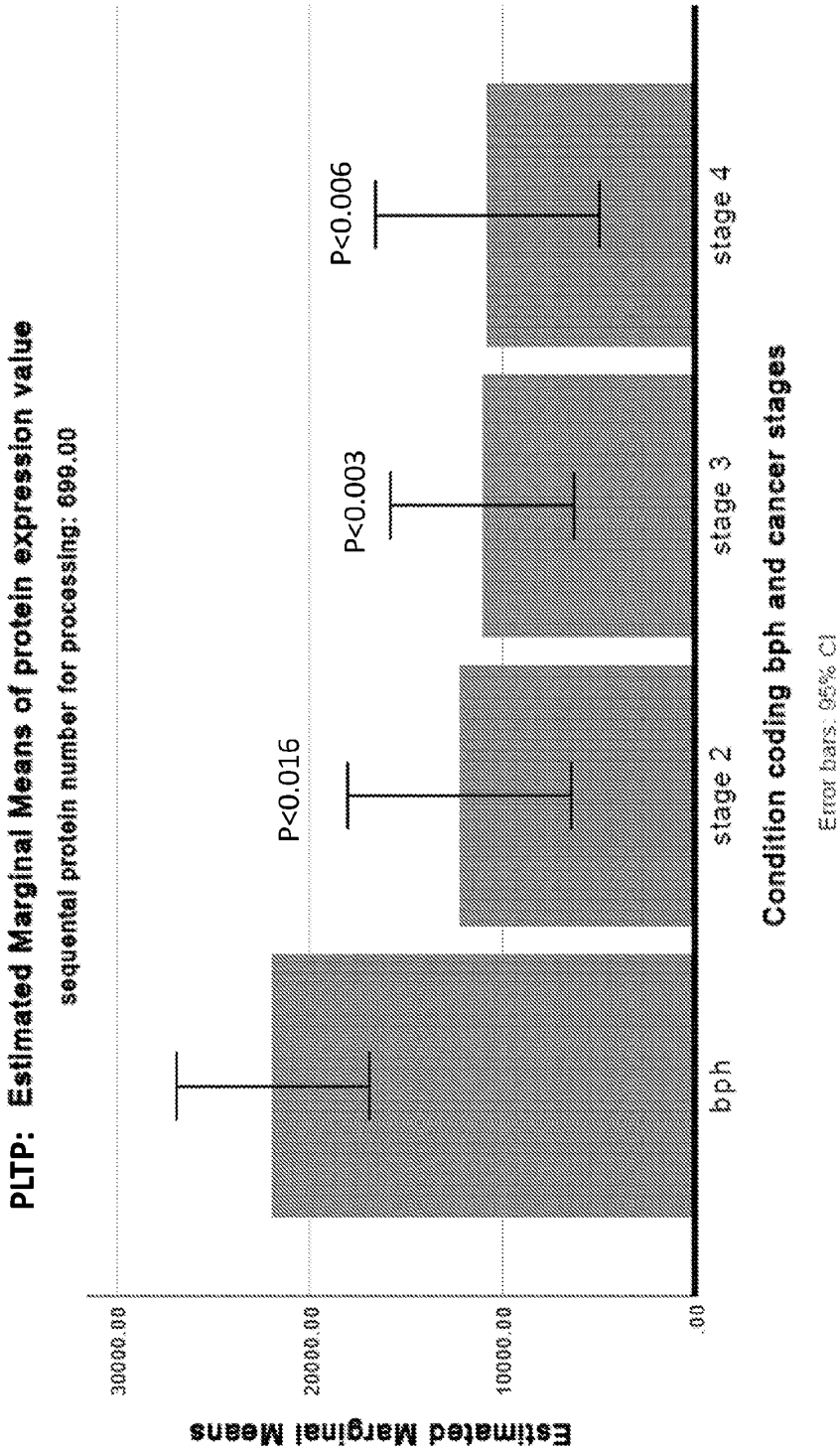


Fig. 6D

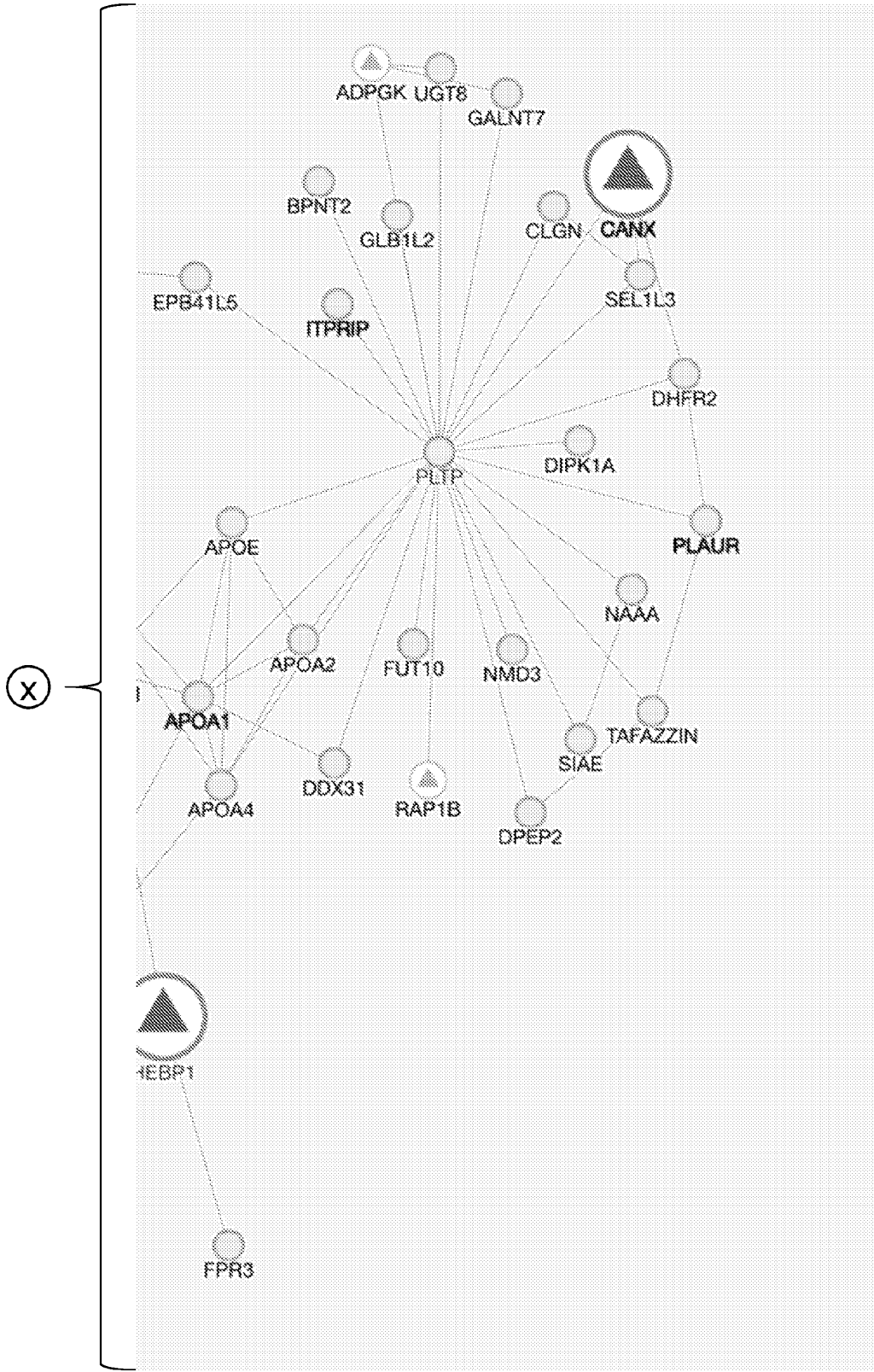


Fig. 7A (CONT.)

All annotations

Q

Display Name	Count	Overlap	Enrichment	P Value
Chk1/Chk2(Cds1) mediated inactivation of Cyclin B-Cdk1 complex (R-HSA-75035)	13	6/69	>99.99	2.3e-12
Activation of BAD and translocation to mitochondria (R-HSA-111447)	15	6/69	>99.99	6.6e-12
Familial hyperlipidemia type 3 (WP5110)	13	5/69	>99.99	5.3e-10
High-density lipoprotein particle remodeling (GO:0034375)	13	5/69	>99.99	5.3e-10
Phosphatidylcholine-sterol O-acyltransferase activator activity (GO:0060228)	5	4/69	>99.99	6.5e-10
Activation of BH3-only proteins (R-HSA-114452)	30	6/69	57.97	7.5e-10
Transcriptional Regulation by TP53 (R-HSA-3700989)	360	12/69	9.66	3.4e-9
Protein-lipid complex remodeling (GO:0034368)	20	5/69	72.46	6.3e-9
Plasma lipoprotein particle remodeling (GO:0034369)	20	5/69	72.46	6.3e-9
Protein-containing complex remodeling (GO:0034367)	20	5/69	72.46	6.3e-9
Cell cycle (WP179)	120	8/69	19.32	8.2e-9
Positive regulation of cholesterol esterification (GO:0010873)	8	4/69	>99.99	9.0e-9
G2/M DNA damage checkpoint (R-HSA-69473)	78	7/69	26.01	9.3e-9
Regulation of cholesterol esterification (GO:0010372)	9	4/69	>99.99	1.6e-8
Chylomicron assembly (R-HSA-3963886)	10	4/69	>99.99	2.7e-8
Chylomicron remodeling (R-HSA-3963901)	10	4/69	>99.99	2.7e-8

Fig. 7B

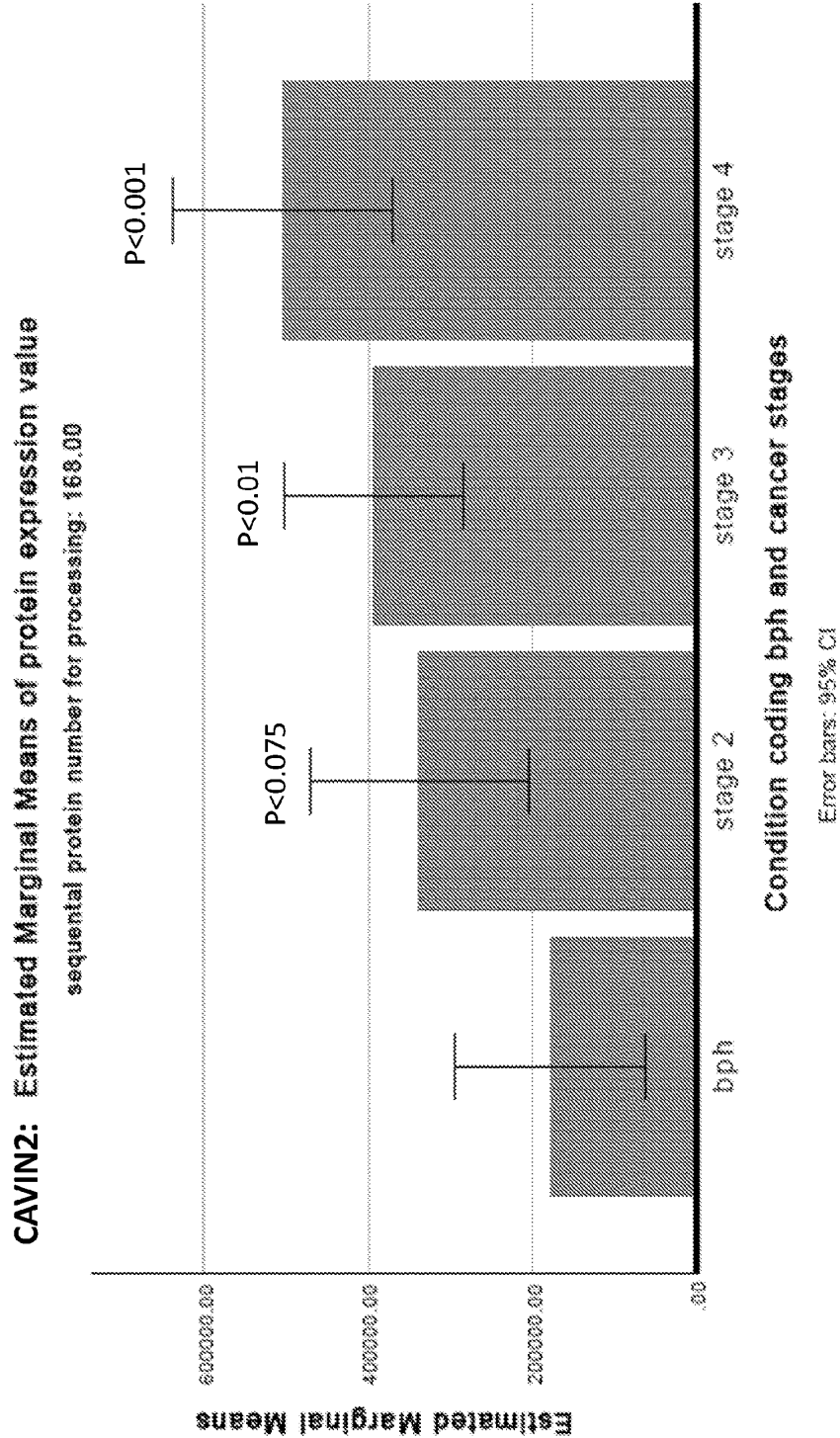


Fig. 8A

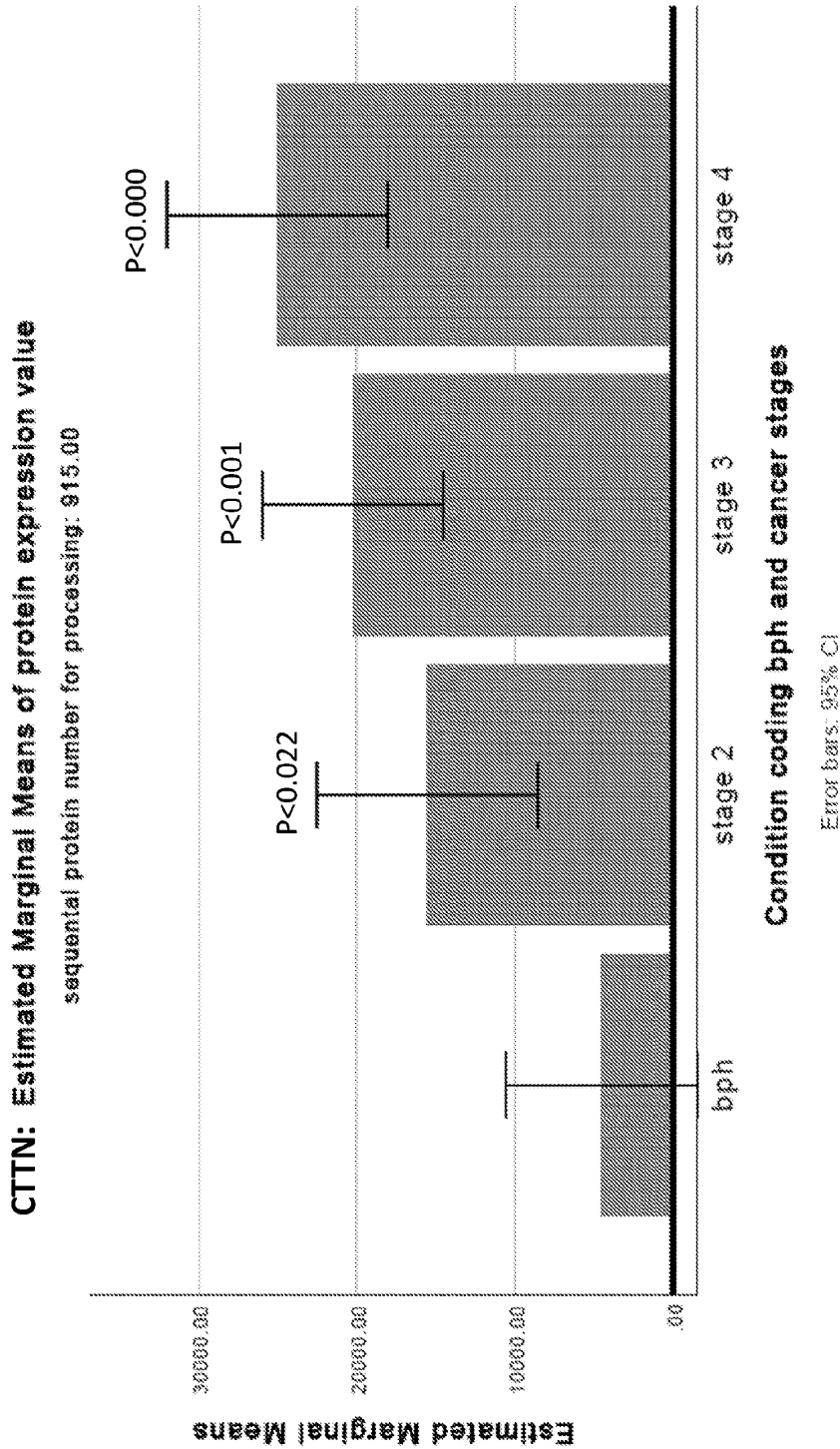
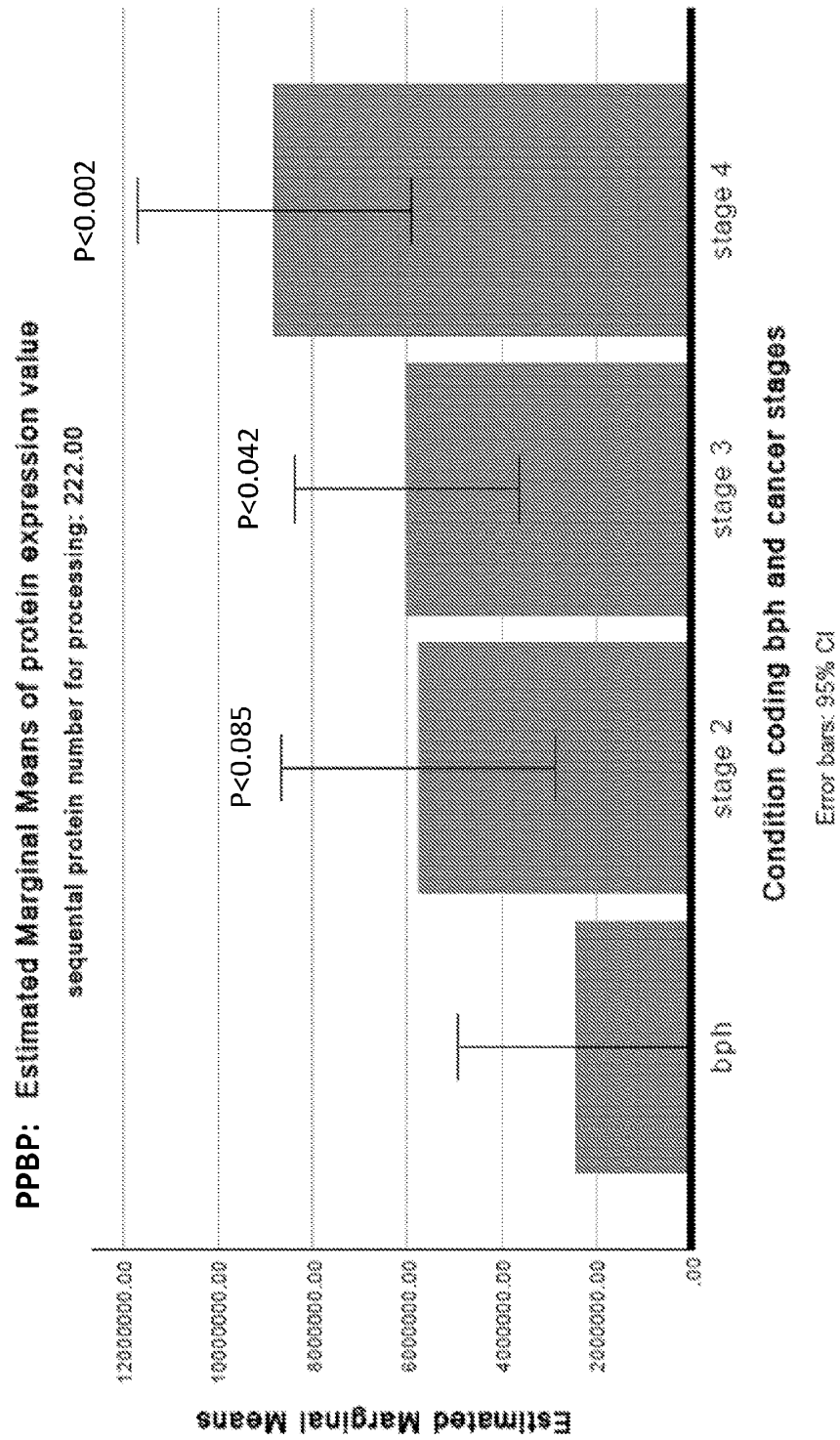


Fig. 8B



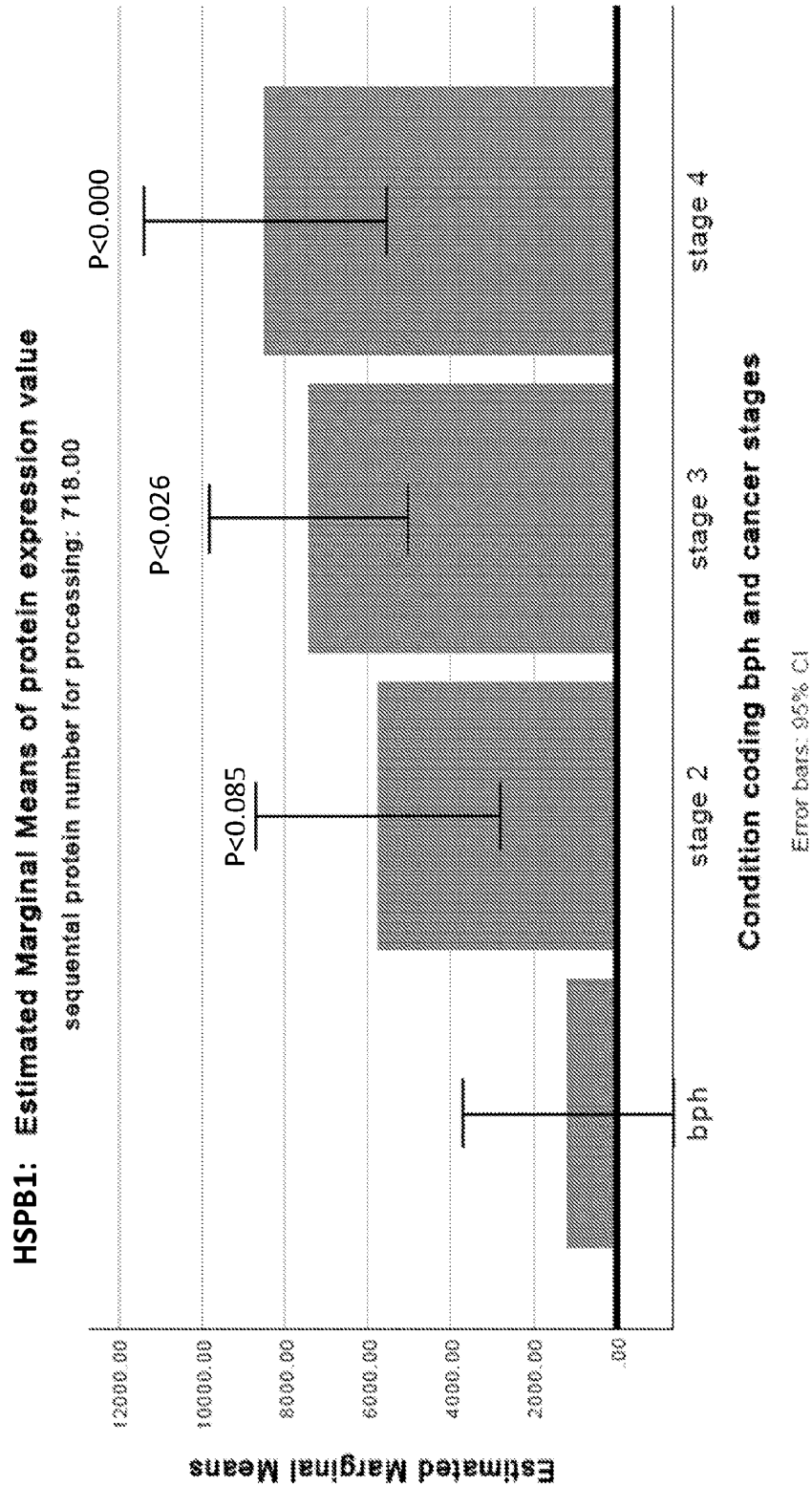
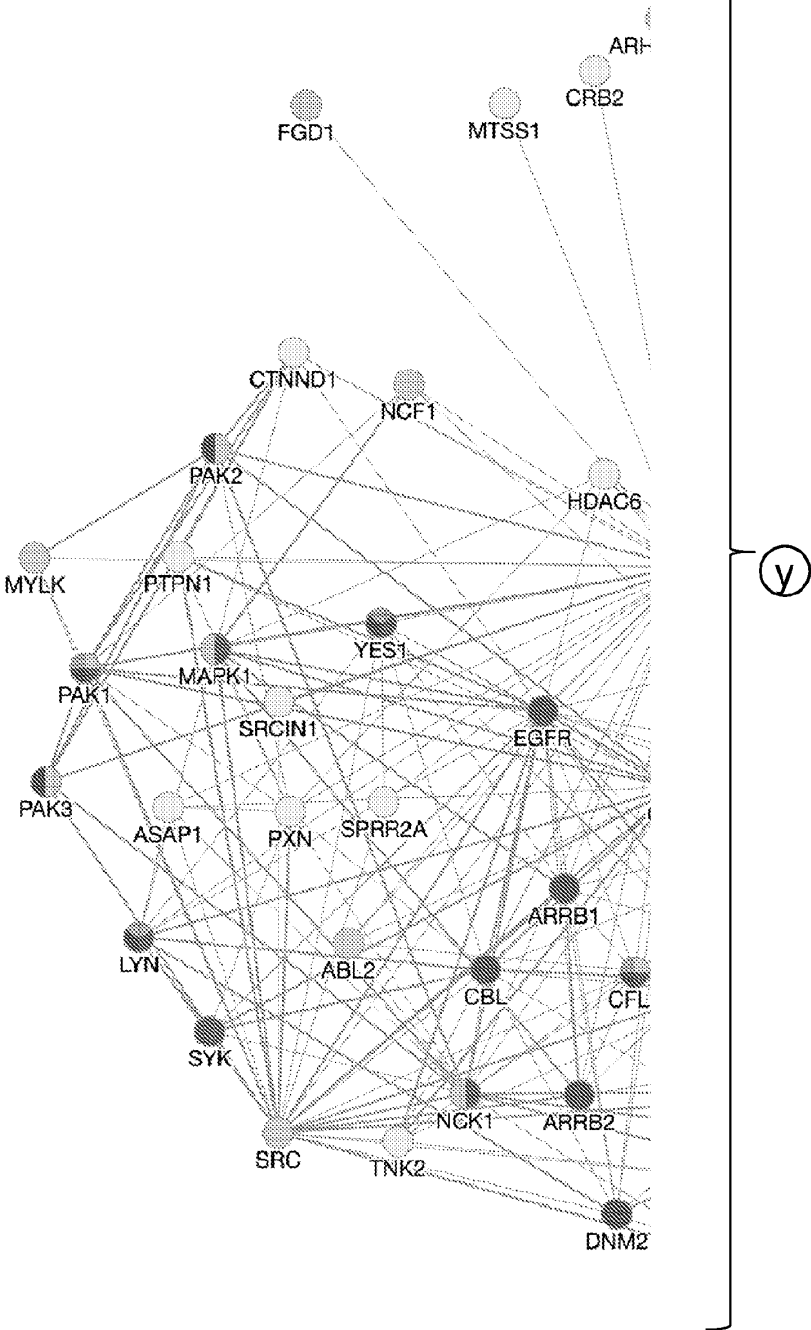


Fig. 8D



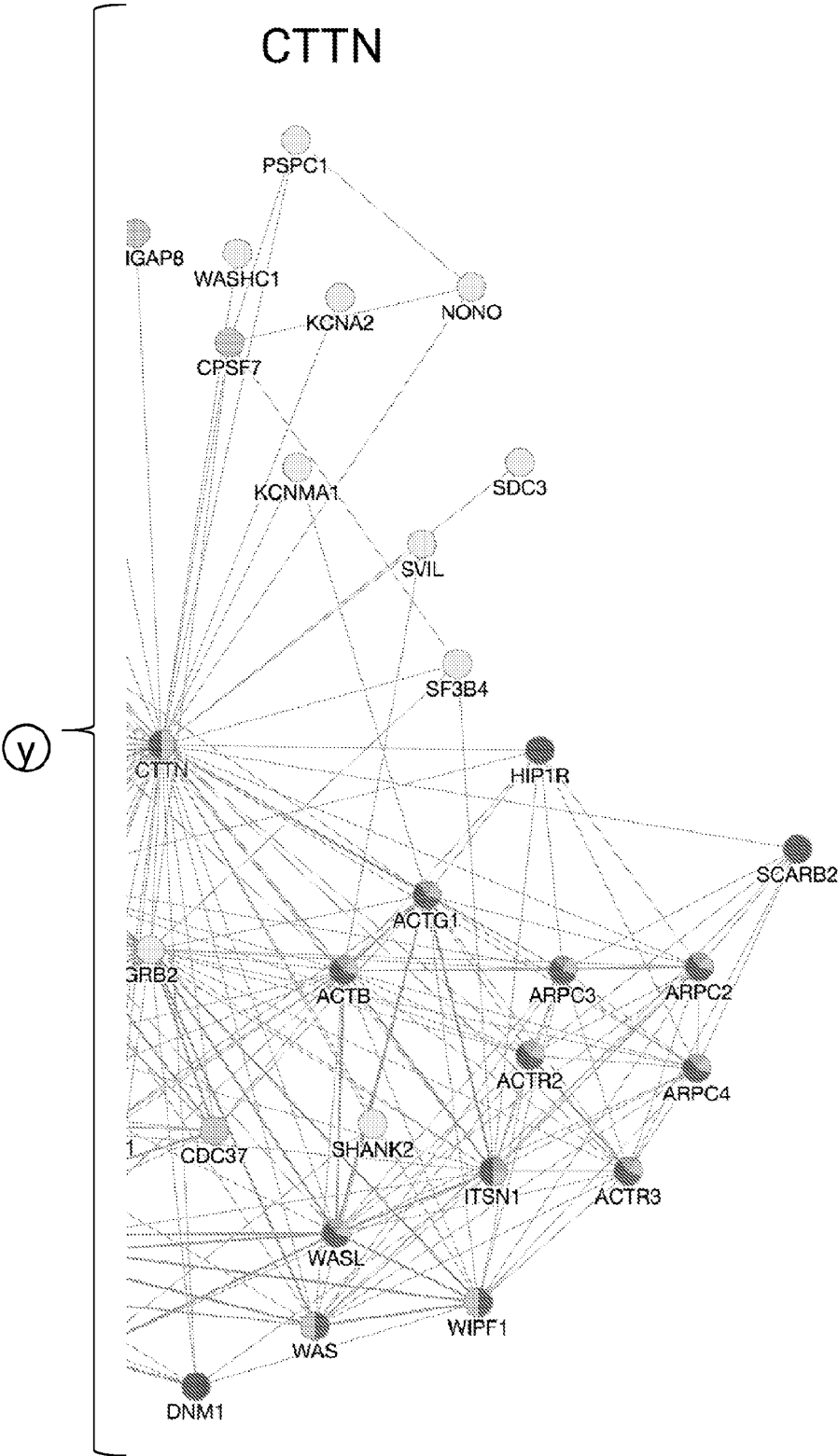


Fig. 9A (CONT.)



- Clathrin-mediated endocytosis (R-HSA-8856828)
 - EPH-Ephrin signaling (R-HSA-2682334)
 - EPHB-mediated forward signaling (R-HSA-3928662)
 - Signaling by Rho GTPases (R-HSA-194315)
 - Fcγ receptor (FCγR) dependent phagocytosis (R-HSA-2029480)
- LABEL Search protein

Size of full network

57 proteins

286 interactions

Search protein

SRC8_HUMAN

PPI data

2022_04_01

Fig. 9A (CONT.)

Enrichment table - CTTN

Annotation	Size	Overlap	Ratio	p-Value
● Clathrin-mediated endocytosis (R-HSA-8856828)	144	18/57	43.86	2.2e-25
● EPH-Ephrin signaling (R-HSA-2682334)	91	16/57	61.69	4.2e-25
● EPHB-mediated forward signaling (R-HSA-3928662)	41	13/57	>99.99	3.1e-24
● Signaling by Rho GTPases (R-HSA-194315)	671	26/57	13.60	1.3e-23
● Fc gamma receptor (FCGR) dependent phagocytosis (R-HSA-2029480)	147	17/57	40.58	2.2e-23

Fig. 9B

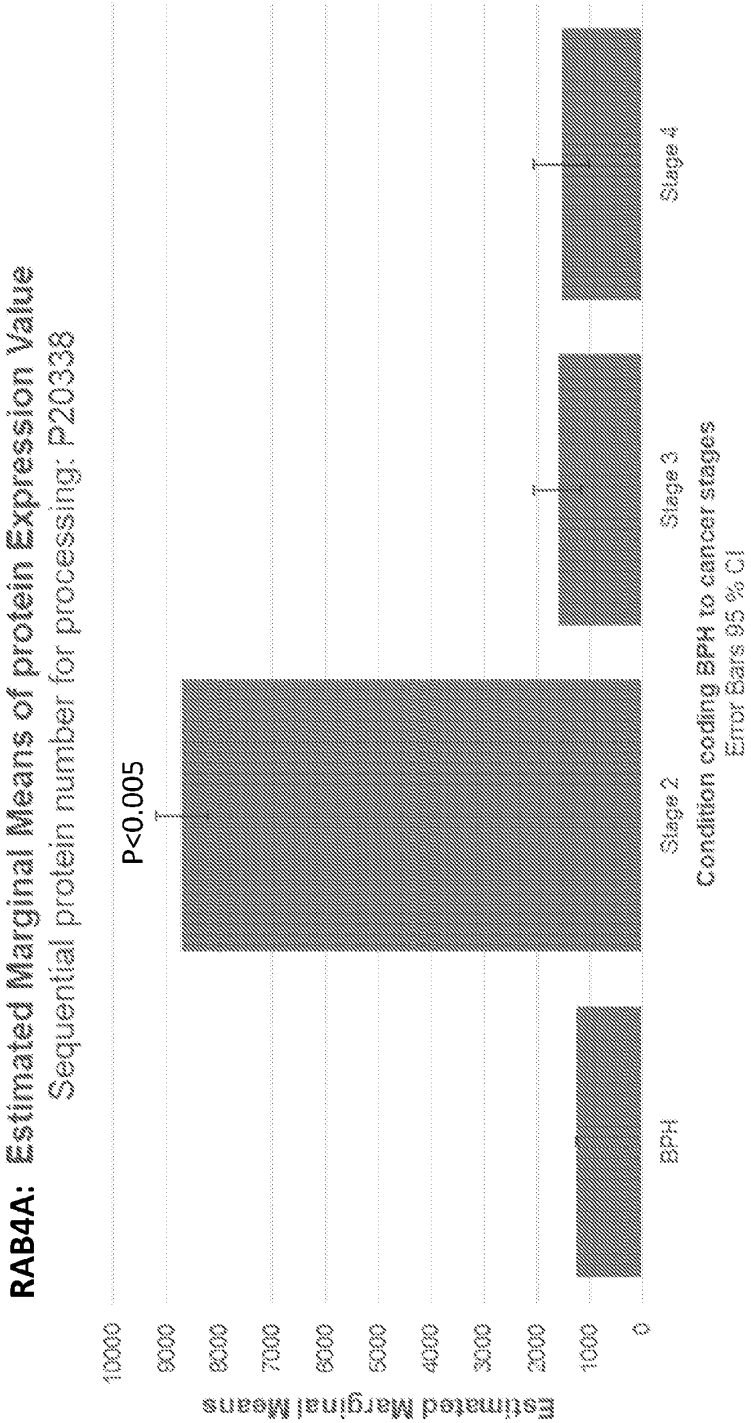


Fig. 10A

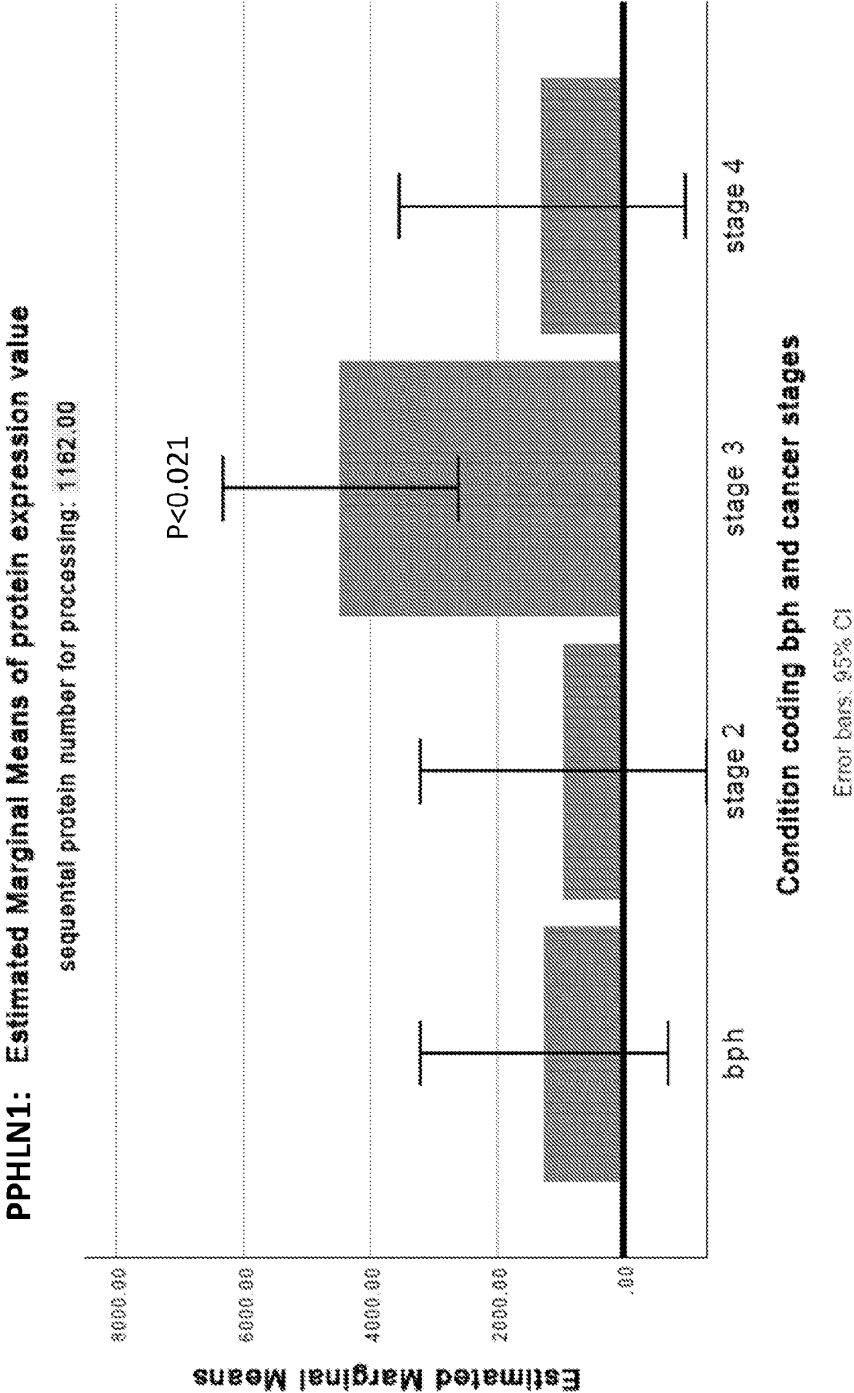


Fig. 10B

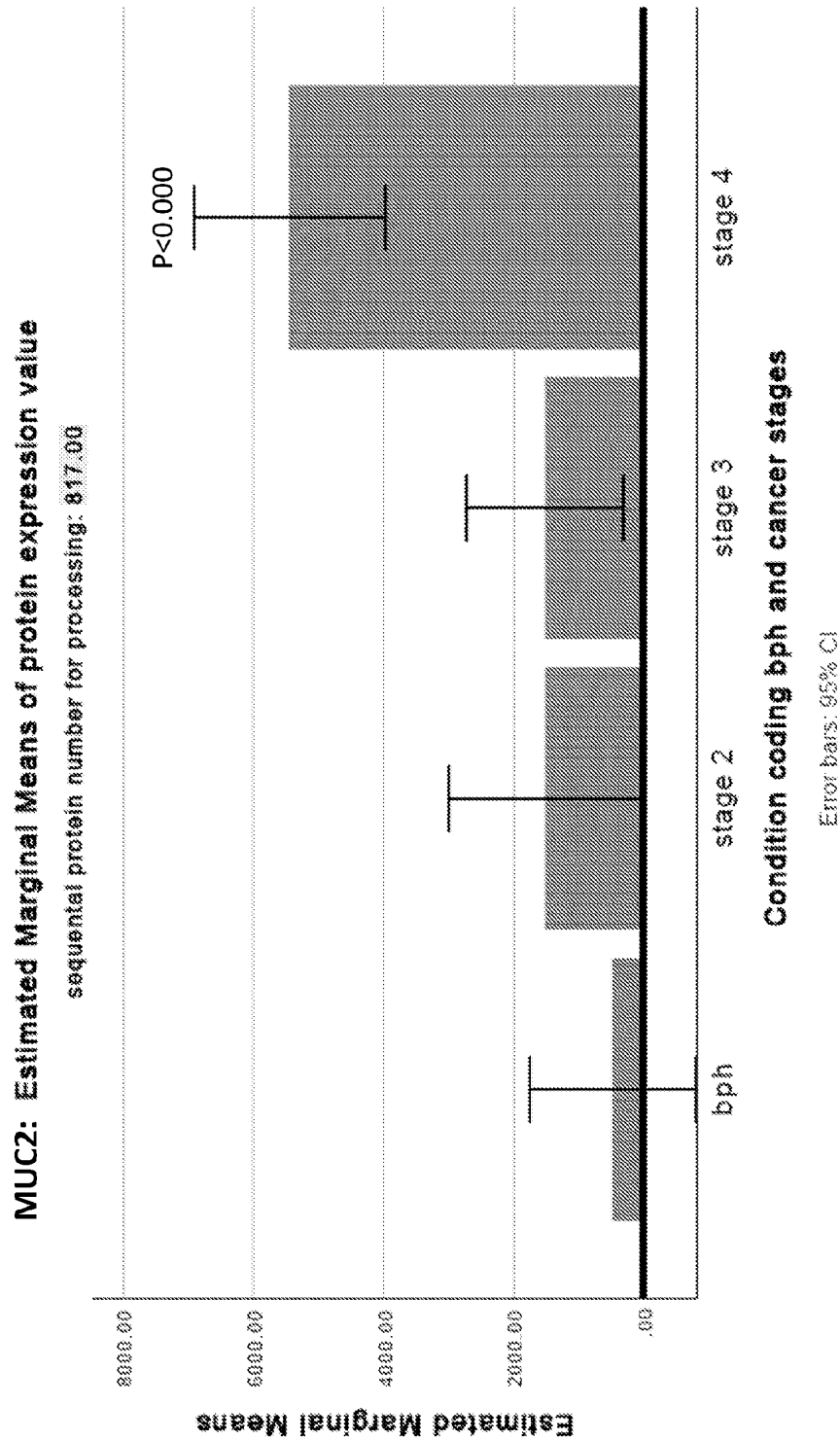


Fig. 10C

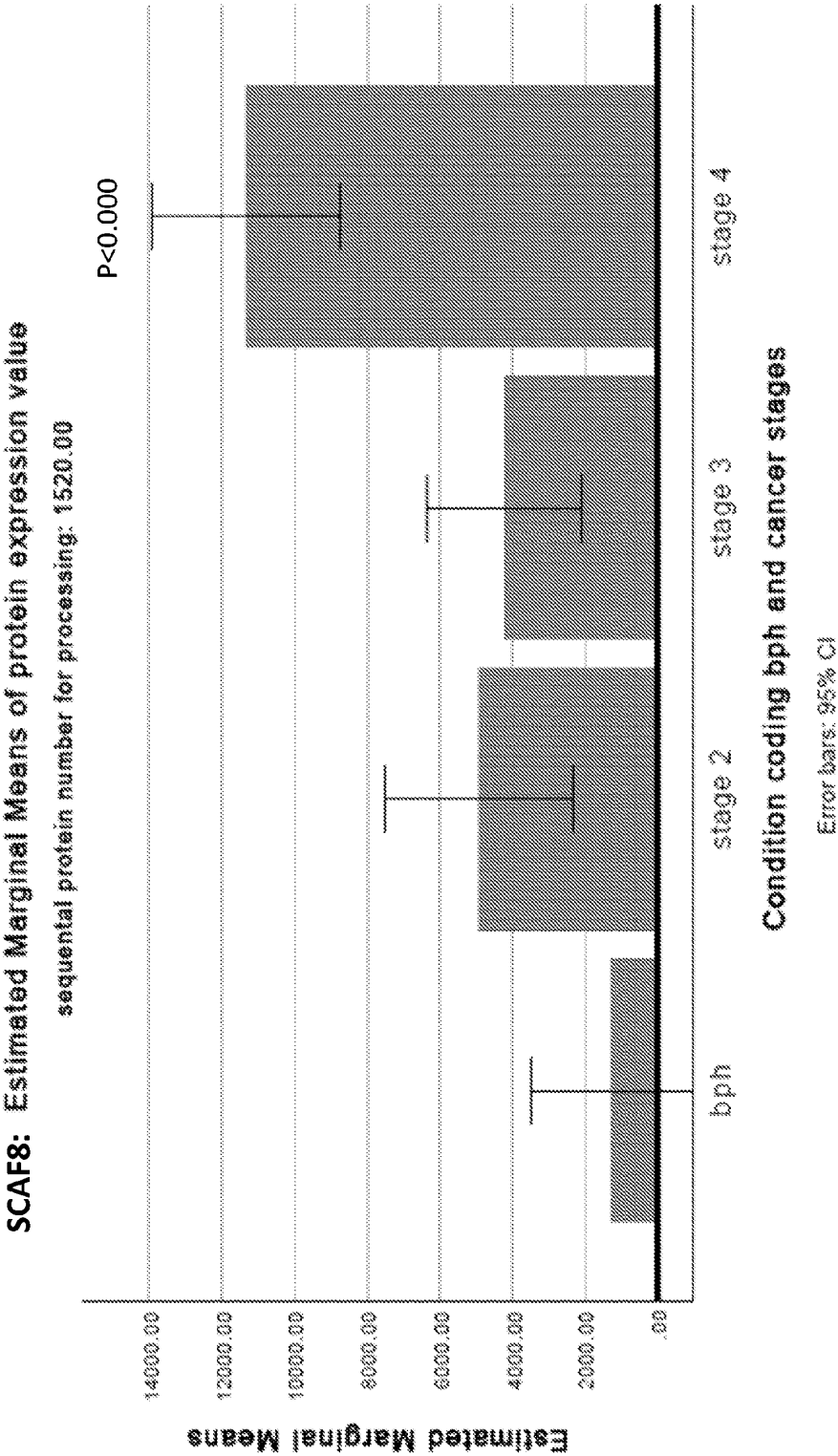


Fig. 10D

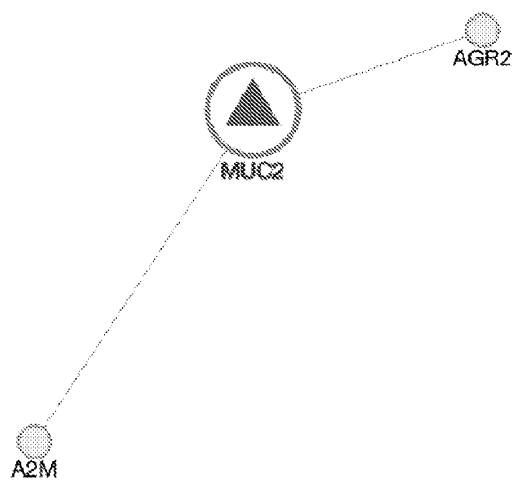


Fig. 11A

MUC2 SCAF8

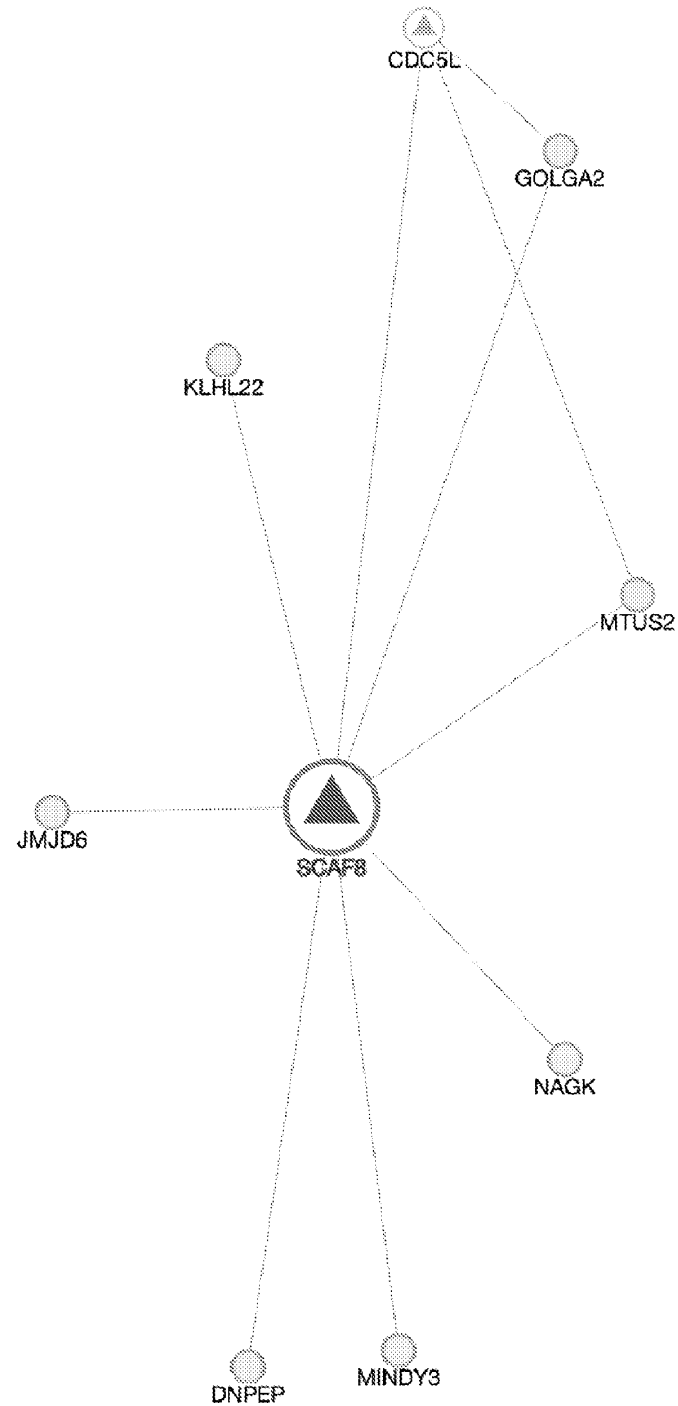


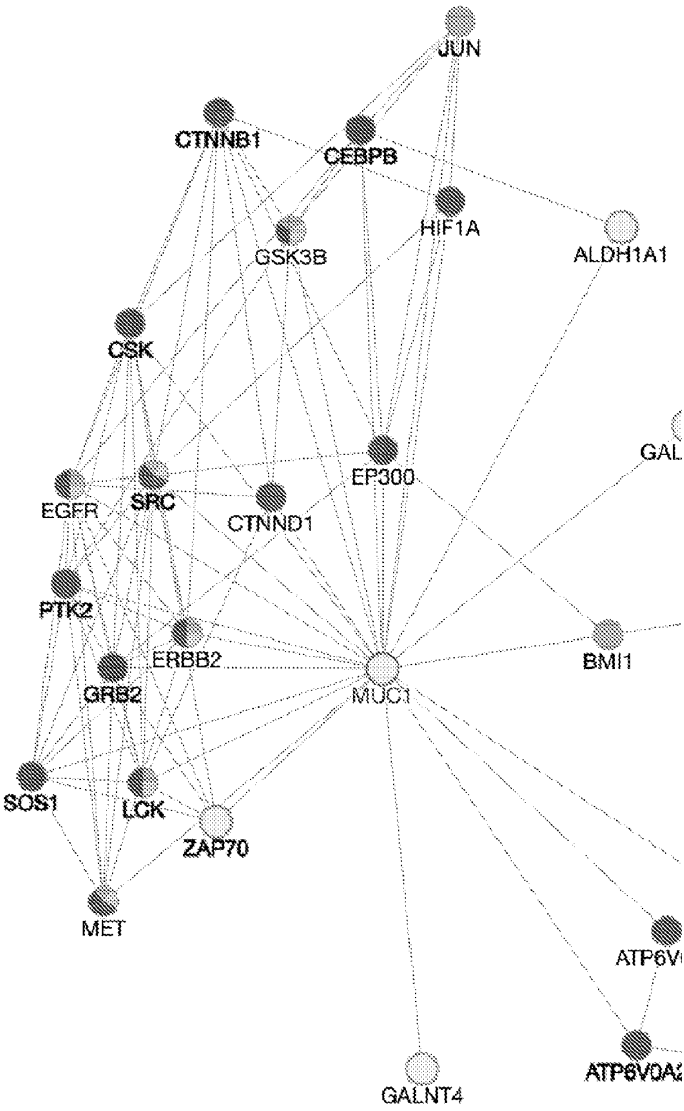
Fig. 11A (CONT.)

Enrichment table - MUC2 SCAF8



Annotation	Size	Overlap	Ratio	p-Value
● Negative regulation of autophagy (GO:0010507)	59	2/12	56.50	5.5e-4
● Histone arginine demethylation (GO:0070077)	1	1/12	>99.99	6.0e-4
● N-acetylglucosamine kinase activity (GO:0045127)	1	1/12	>99.99	6.0e-4
● Peptidyl-lysine hydroxylation to 5-hydroxy-L-lysine (GO:0018395)	1	1/12	>99.99	6.0e-4
● Histone H3-R2 demethylation (GO:0070078)	1	1/12	>99.99	6.0e-4

Fig. 11A (CONT.)



2

Fig. 11B

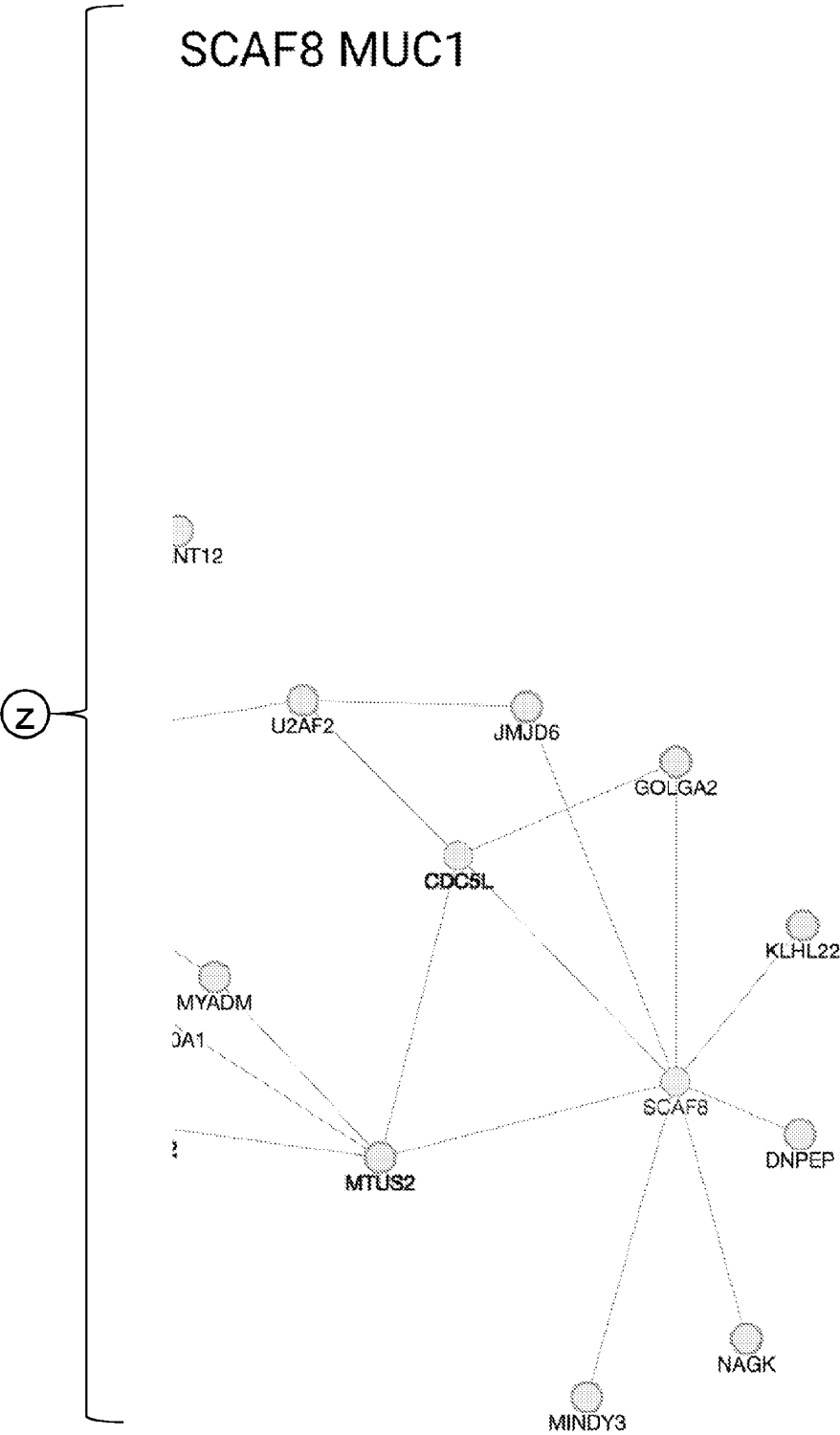


Fig. 11B (CONT.)

Annotation	Size	Overlap	Ratio	p-Value
● Signaling by Receptor Tyrosine Kinases (R-HSA-9006934)	505	14/35	15.84	5.1e-14
● Diseases of signal transduction by growth factor receptors and second messengers (R-HSA-5663202)	419	12/35	16.37	3.3e-12
● PIP3 activates AKT signaling (R-HSA-1257604)	252	8/35	18.14	1.0e-8
● PI3K/AKT Signaling in Cancer (R-HSA-2219528)	92	6/35	37.27	1.2e-8
● Listeria monocytogenes entry into host cells (R-HSA-8876384)	19	4/35	>99.99	3.0e-8

Fig. 11B (CONT.)

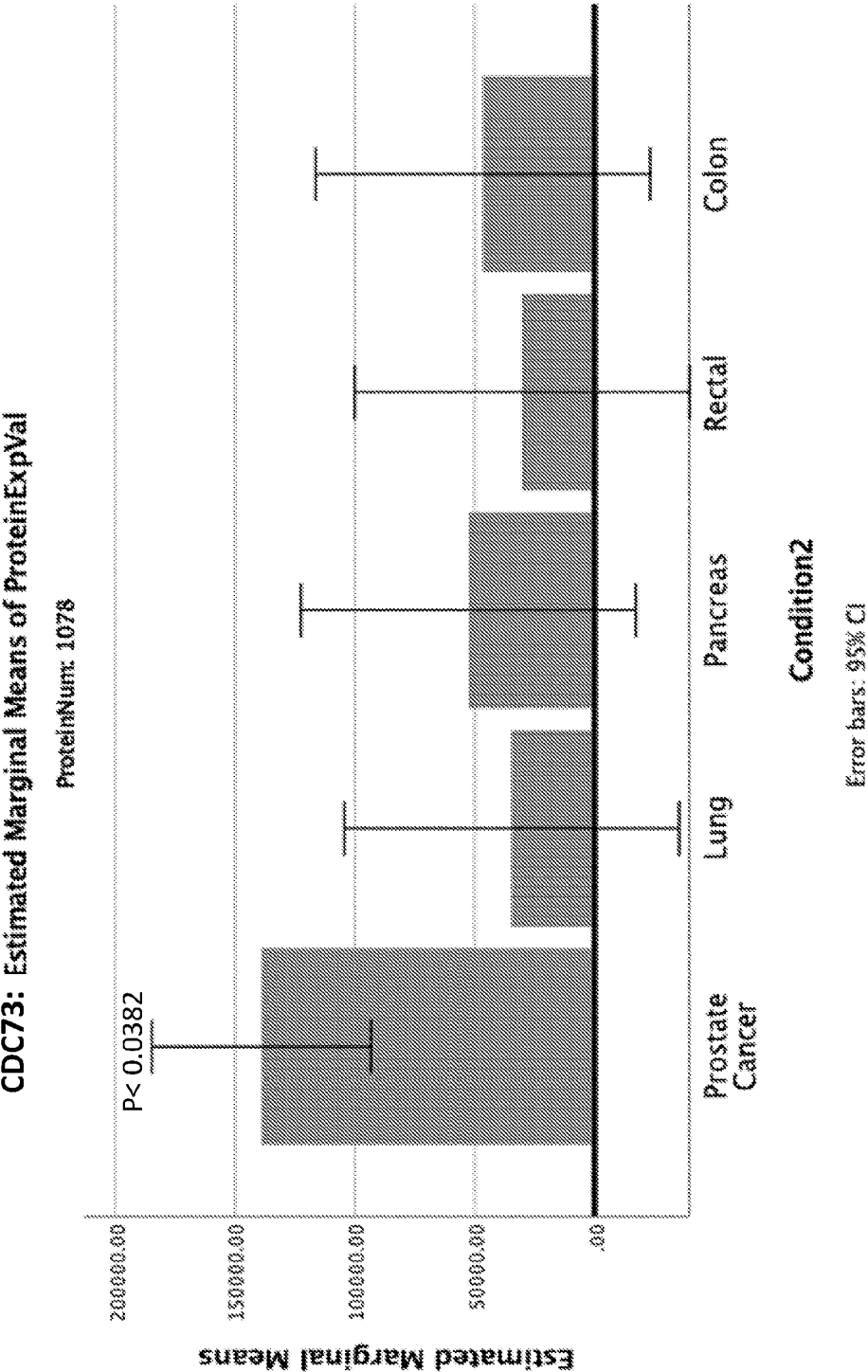


Fig. 12A

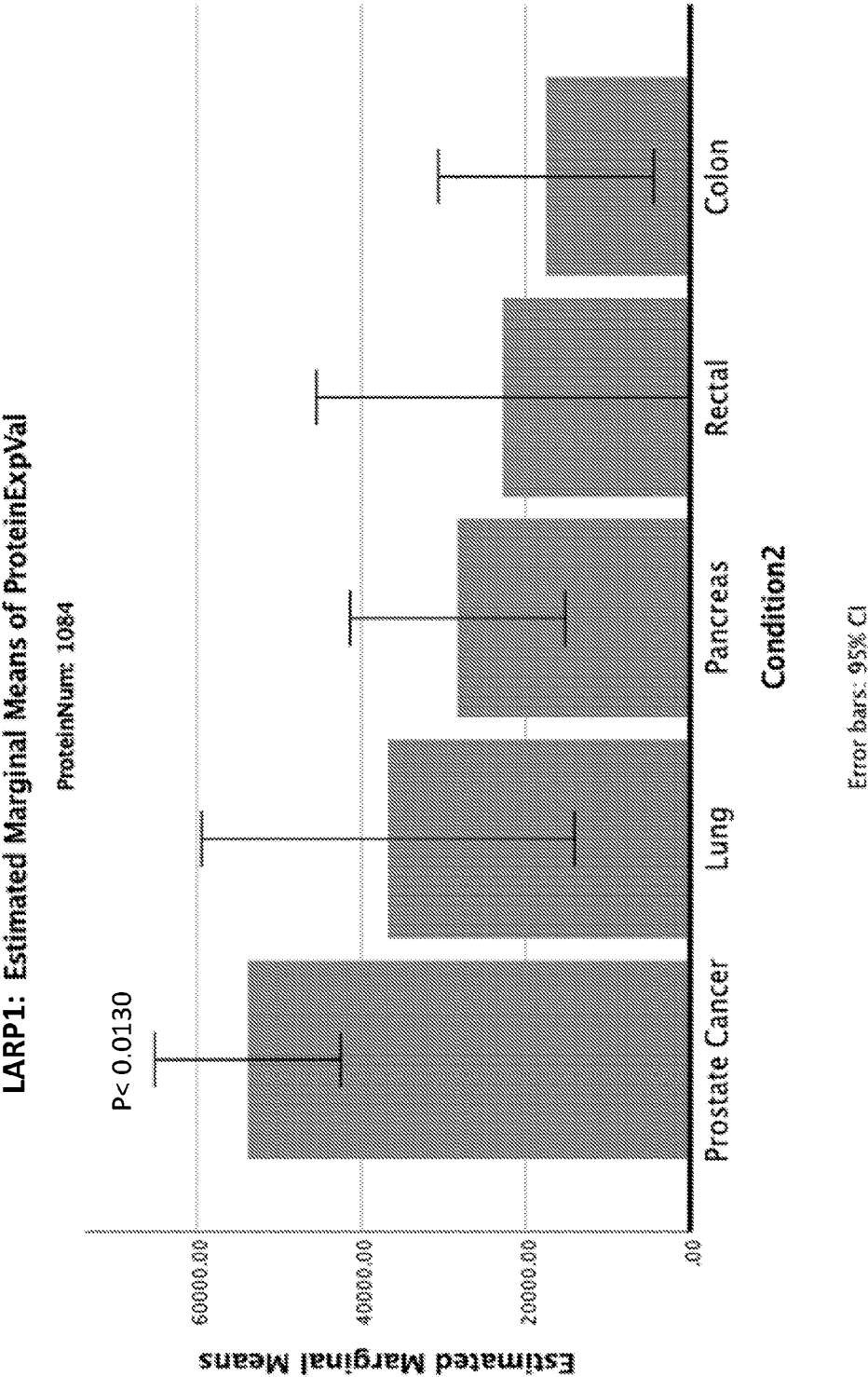


Fig. 12B

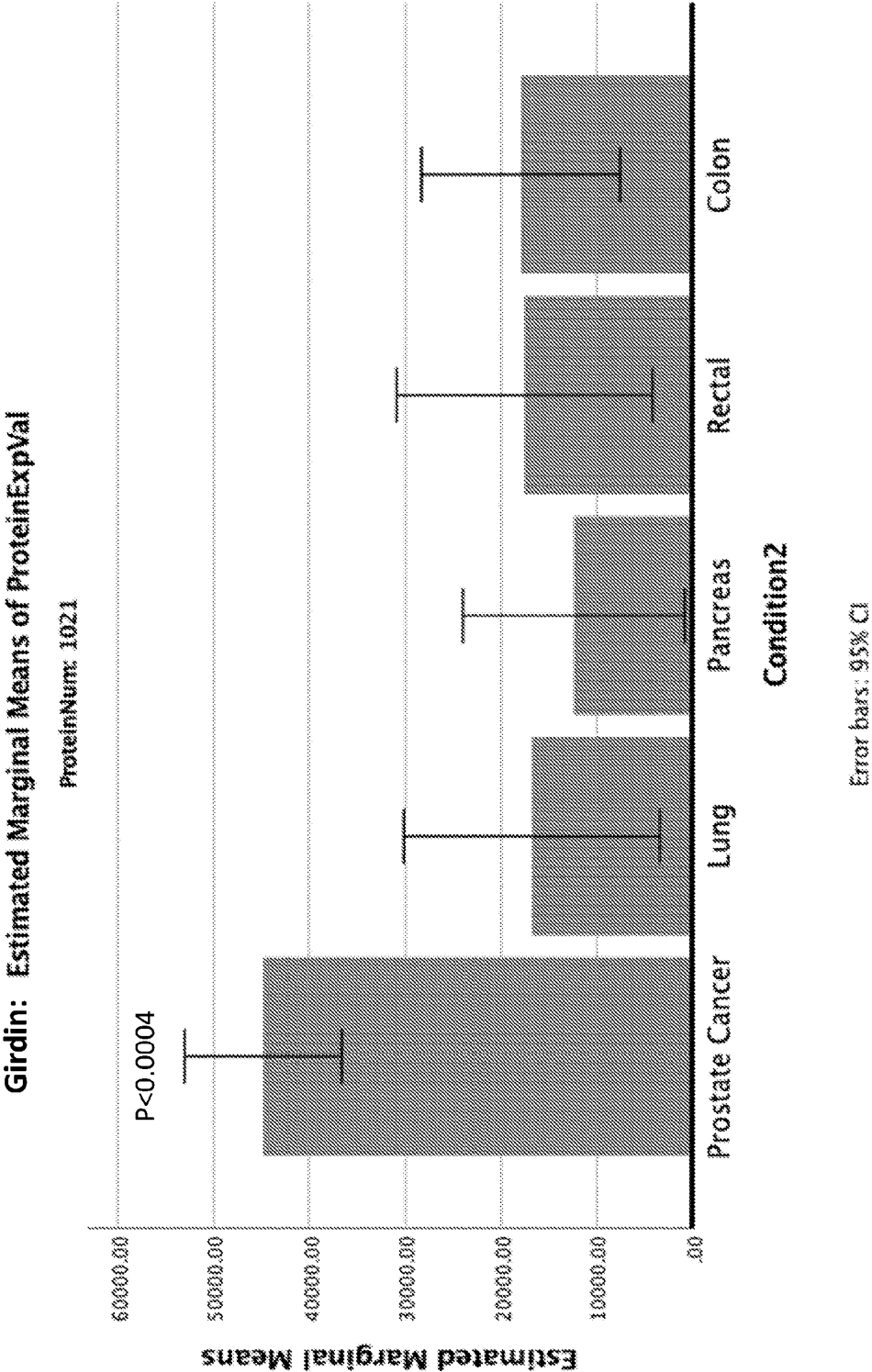


Fig. 12C

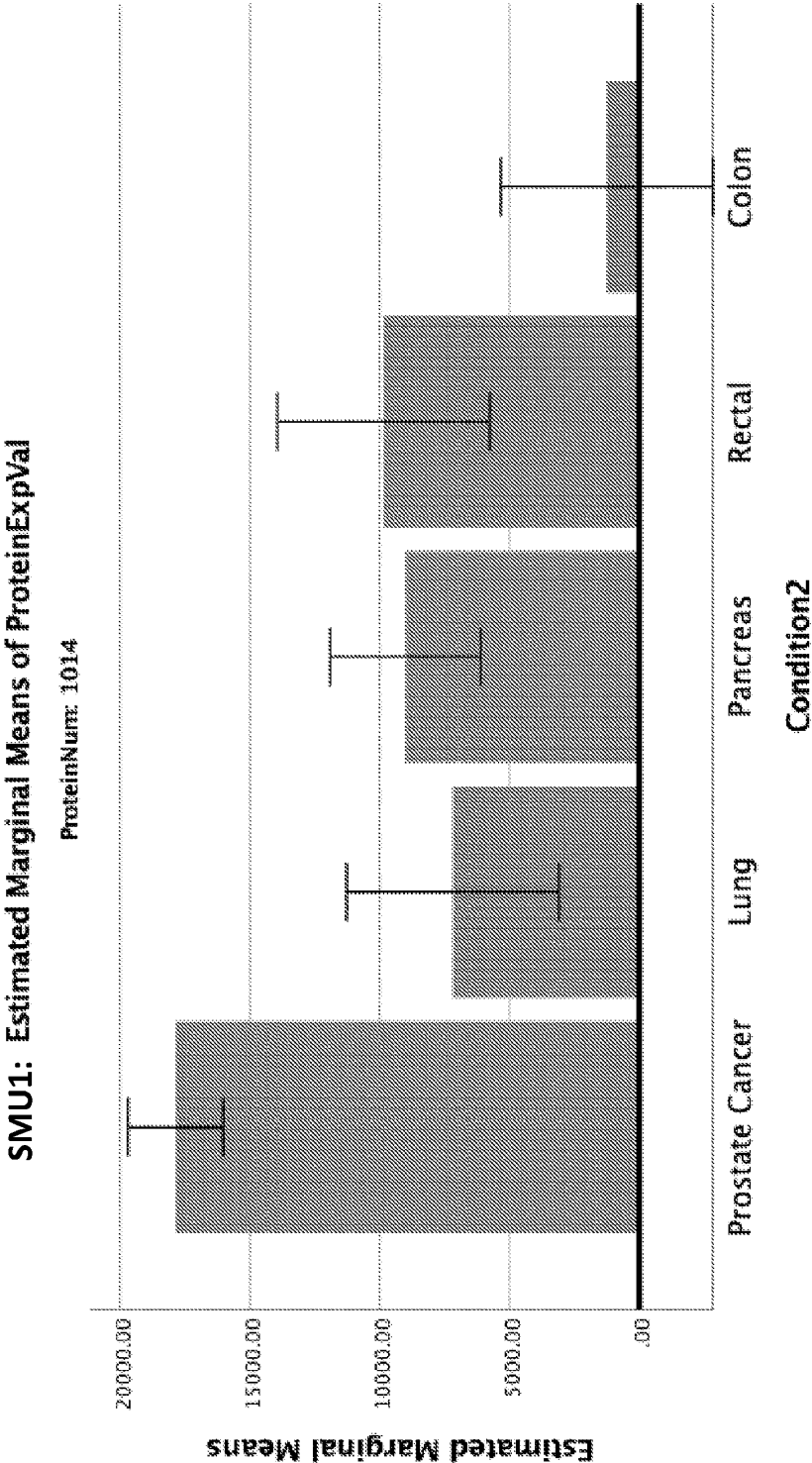


Fig. 12D

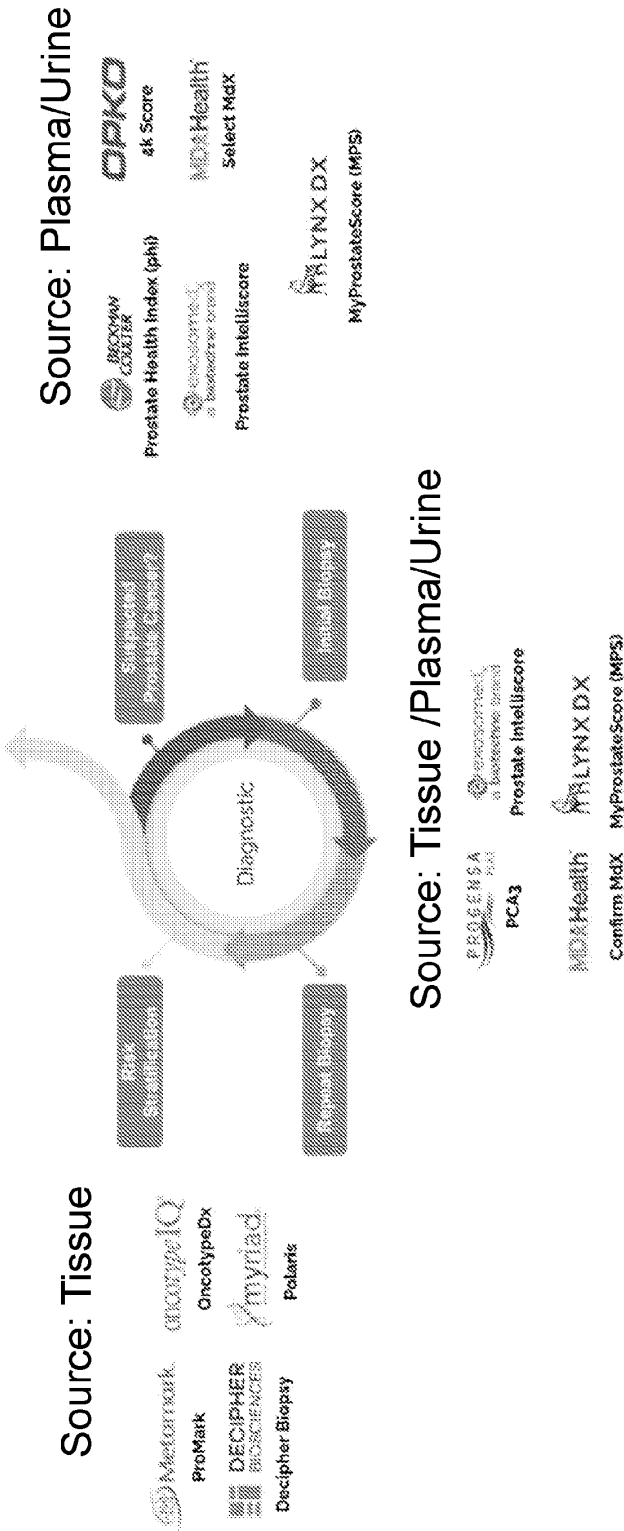


Fig. 13

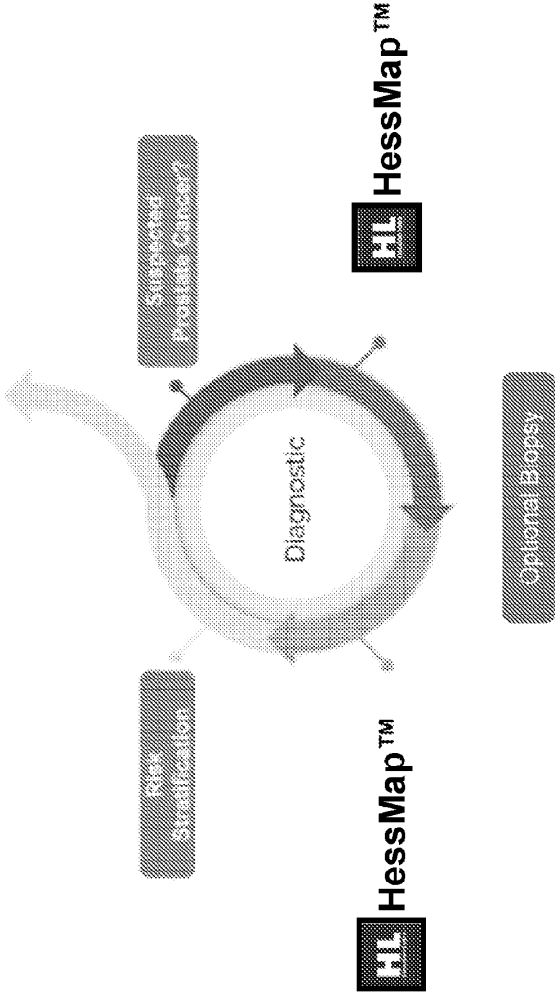


Fig. 14