Supplementary Materials

This file contains estimation results for the pancreatic and liver cancer studies using iLB.

Table 6. *Pancreatic cancer markers identified using iLB and their estimated regression coefficients.*

UniGene	Gene Name	D1	D2	D3	D4
Hs.107	FGL1	-0.025	-0.025	-0.032	-0.023
Hs.12068	CRAT	-0.193	-0.264	-0.135	-0.202
Hs.169900	PABPC4	-0.471	-0.528	-0.390	-0.503
Hs.180920	RPS9	-0.020	-0.031	-0.026	-0.029
Hs.226795	GSTP1	0.024	-0.029	0.039	0.005
Hs.241257	LTBP1	0.063	0.082	0.068	0.049
Hs.287820	FN1	0.429	0.439	0.438	0.368
Hs.317432	BCAT1	-0.064	-0.032	-0.120	-0.063
Hs.410578	P4HB	-0.063	-0.089	-0.057	-0.095
Hs.433434	PSMB7	-0.003	-0.015	0.006	0.008
Hs.5591	MKNK1	-0.032	-0.064	-0.054	-0.071
Hs.62	PTPN12	0.028	0.027	0.026	0.039
Hs.66581	PDIA2	-0.151	-0.165	-0.193	-0.084
Hs.75335	GATM	-0.117	-0.107	-0.110	-0.131
Hs.76307	NBL1	0.324	0.234	0.427	0.348
Hs.83942	CTSK	0.007	0.011	0.003	0.005
Hs.84264	ANP32B	-0.020	-0.107	0.099	-0.061

[*Received*]

Table 7. *Liver cancer markers identified using iLB and their estimated regression coefficients.*

Gene Name	D1	D2	D3	D4
prostaglandin-endoperoxide synthase 1 (prostaglandin G)	-0.051	-0.096	-0.040	-0.050
alcohol dehydrogenase 1C (class I), gamma polypeptide (ADH1C), mRNA	-0.069	-0.114	-0.024	-0.090
mRNA for KIAA0472 protein, partial cds	-0.050	0.058	0.009	-0.050
apolipoprotein A-I (APOA1), mRNA	-0.033	-0.063	-0.025	-0.029
EST387826 cDNA	-0.060	-0.031	-0.007	-0.036
podocalyxin-like (PODXL), mRNA	-0.080	-0.041	-0.007	-0.032
ATPase, H+ transporting, lysosomal (vacuolar proton pump) 9kD (ATP6H)	0.055	0.092	0.038	0.001
ubiquitination factor E4A (homologous to yeast UFD2) (UBE4A), mRNA	-0.064	-0.108	-0.031	-0.005
UDP-glucose pyrophosphorylase 2 (UGP2), mRNA	-0.033	-0.030	-0.004	-0.044
nomatch	0.011	-0.044	-0.021	0.003
glutaredoxin (thioltransferase) (GLRX), mRNA	-0.003	-0.028	-0.014	-0.008
nuclear gene encoding mitochondrial protein, mRNA	0.214	0.042	0.002	0.072
thyroid hormone receptor interactor 12 (TRIP12), mRNA	0.016	0.086	-0.021	-0.043
H.sapiens polyA site DNA	0.011	0.049	0.001	0.019
thioredoxin-like, 32kD (TXNL), mRNA	0.019	0.012	0.005	0.003
PAC clone RP5-978E18 from 7p21	-0.035	-0.087	-0.145	-0.069
Human G protein-coupled receptor V28 mRNA, complete cds	-0.063	-0.053	-0.033	-0.063
stromal cell-derived factor 1 (SDF1), mRNA	-0.209	-0.097	-0.103	-0.195
noseq	-0.011	-0.075	-0.179	-0.001
noseq	0.007	0.057	0.038	0.052
checkpoint suppressor 1 (CHES1), mRNA	0.027	0.013	0.002	0.012
6-phosphofructo-2-kinase	-0.206	-0.054	-0.040	-0.035
polymerase (DNA directed), delta 1, catalytic subunit (125kD) (POLD1)	-0.057	-0.074	-0.047	-0.087
Homer, neuronal immediate early gene, 3 (HOMER-3), mRNA	-0.029	-0.174	-0.053	-0.039
ribosomal protein S14 (RPS14), mRNA	0.025	0.043	-0.003	-0.008
epididymal secretory protein (19.5kD) (HE1), mRNA	0.022	0.026	0.003	0.006
CD33 antigen (gp67) (CD33), mRNA	0.206	0.021	0.022	0.096
neurotrophic tyrosine kinase, receptor, type 1 (NTRK1), mRNA	0.155	0.131	0.035	0.041
neutrophil cytosolic factor 1 (NCF1), mRNA	-0.044	-0.041	-0.036	-0.038
betaine-homocysteine methyltransferase (BHMT), mRNA	-0.080	-0.001	-0.030	-0.070
RNA helicase-related protein (RNAHP), mRNA /	-0.298	-0.485	-0.396	-0.702
H.sapiens polyA site DNA	0.002	0.035	0.004	0.048
chromosome 8 open reading frame 4 (C8orf4), mRNA	-0.011	-0.005	-0.022	-0.007