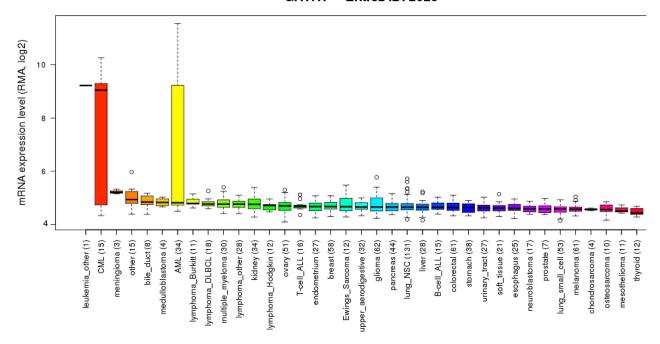
## GATA3 and TRPS1 are distinct biomarkers and prognostic factors in breast cancer: database mining for GATA family members in malignancies

## SUPPLEMENTARY FIGURES AND TABLE





Supplementary Figure 1: The mRNA expression level of GATA1 (Entrz ID: 2623) in a variety of cancer cell line from CCLE analysis.

lymphoma\_DLBCL (18)

lymphoma\_Burkitt (11)
T-cell\_ALL (16)
B-cell\_ALL (15)

multiple\_myeloma (30)

lymphoma\_other (28)

ymphoma\_Hodgkin (12)

kidney (34) chondrosarcoma (4) medulloblastoma (4)

leukemia\_other (1)

neuroblastoma (17) CML (15) Ewings\_Sarcoma (12)

meningioma (3)
breast (58)
urinary\_tract (27)

AML (34)

GATA2 - Entrez ID: 2624

Supplementary Figure 2: The mRNA expression level of GATA2 (Entrz ID: 2624) in a variety of cancer cell line from CCLE analysis.

colorectal (61) thyroid (12)

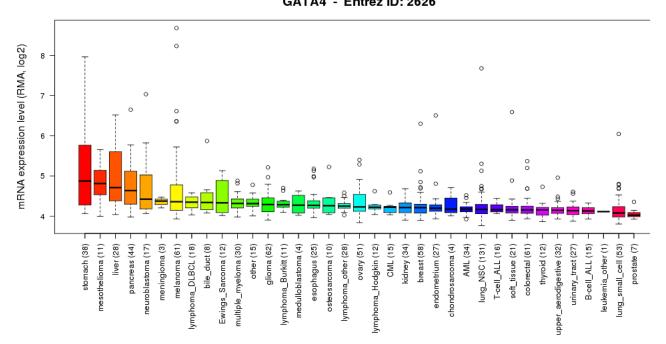
ovary (51)

lung\_NSC (131)

esophagus (25) soft\_tissue (21) lung\_small\_cell (53)

upper\_aerodigestive (32)

nesothelioma (11)



GATA4 - Entrez ID: 2626

endometrium (27)
liver (28)
pancreas (44)
stomach (38)
other (15)

osteosarcoma (10)

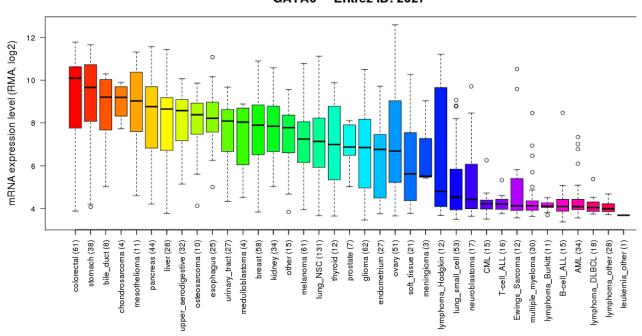
melanoma (61) bile\_duct (8) glioma (62)

Supplementary Figure 3: The mRNA expression level of GATA4 (Entrz ID: 2626) in a variety of cancer cell line from CCLE analysis.

mRNA expression level (RMA, log2) 0 0 8 6 8 0 5 CML (15) ovary (51) AML (34) liver (28) osteosarcoma (10) medulloblastoma (4) meningioma (3) chondrosarcoma (4) mesothelioma (11) ymphoma\_Hodgkin (12) pancreas (44) ymphoma\_DLBCL (18) stomach (38) esophagus (25) other (15) T-cell\_ALL (16) lung\_NSC (131) ymphoma\_Burkitt (11) endometrium (27) breast (58) bile\_duct (8) B-cell\_ALL (15) kidney (34) multiple\_myeloma (30) lymphoma\_other (28) neuroblastoma (17) urinary\_tract (27) glioma (62) \_aerodigestive (32) soft\_tissue (21) lung\_small\_cell (53) colorectal (61) melanoma (61) prostate (7) Ewings\_Sarcoma (12)

GATA5 - Entrez ID: 140628

Supplementary Figure 4: The mRNA expression level of GATA5 (Entrz ID: 140628) in a variety of cancer cell line from CCLE analysis.



GATA6 - Entrez ID: 2627

Supplementary Figure 5: The mRNA expression level of GATA6 (Entrz ID: 2627) in a variety of cancer cell line from CCLE analysis.

Supplementary Table 1: ER, ERBB2 and TRPS1 expressions in breast cancer cells.

**See Supplementary File 1**