

Figure 1A

Peptide: VLFNIDGGGNHV (A*02:01)
SEQ ID NO: 110

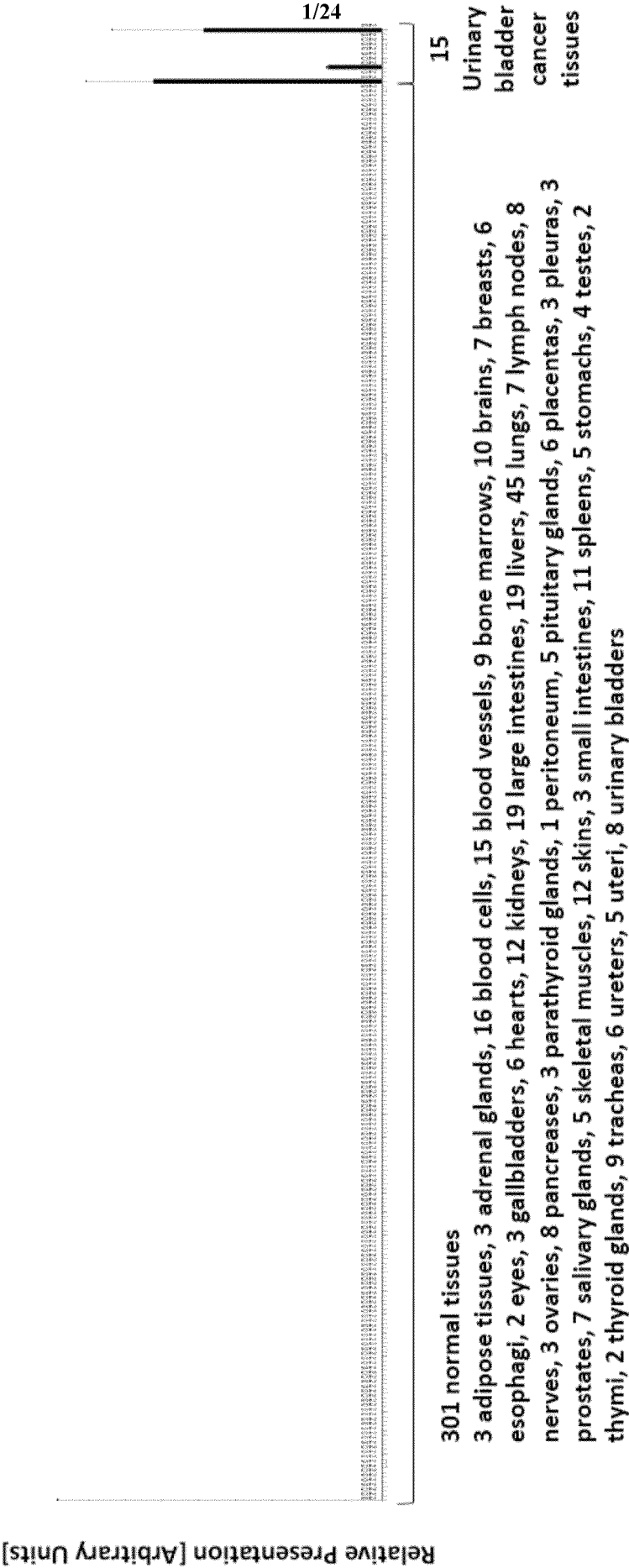


Figure 1B

Peptide: GLLKAYSIRTA (A*02:01)
SEQ ID NO: 2

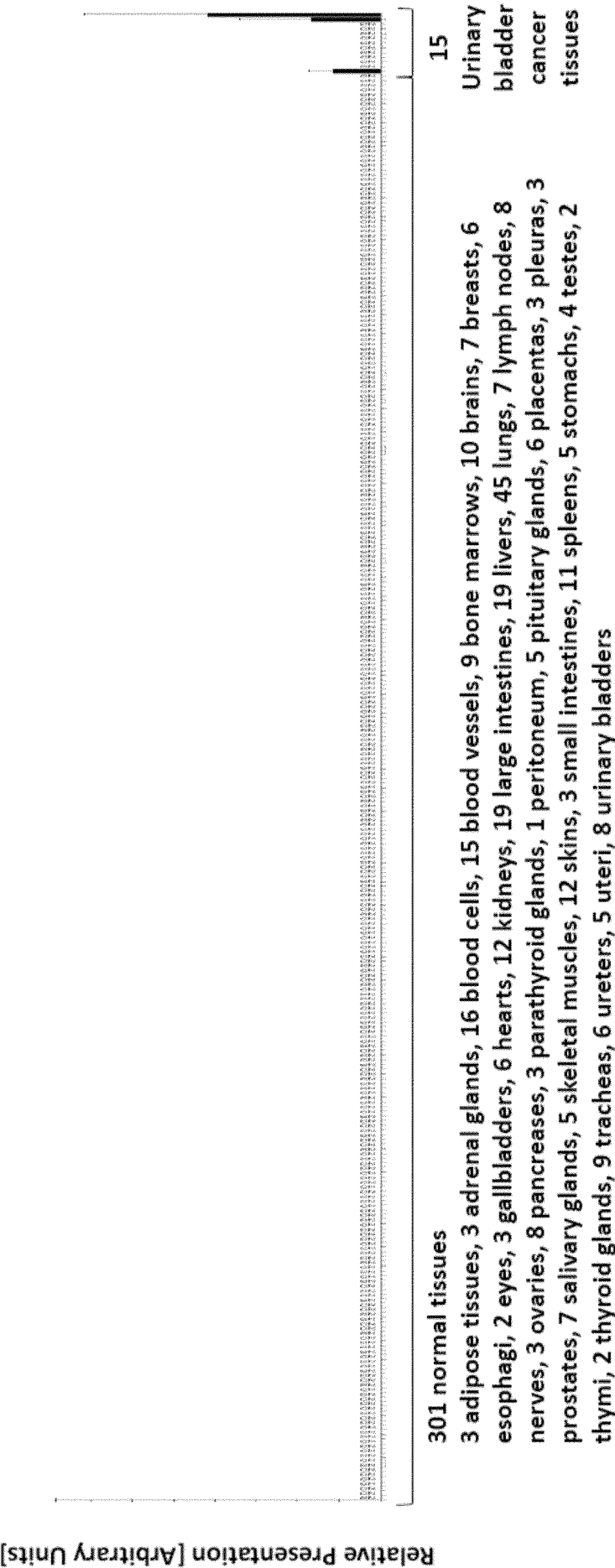


Figure 1C

Peptide: YLDPSLSL (A*02:01)
SEQ ID NO: 112

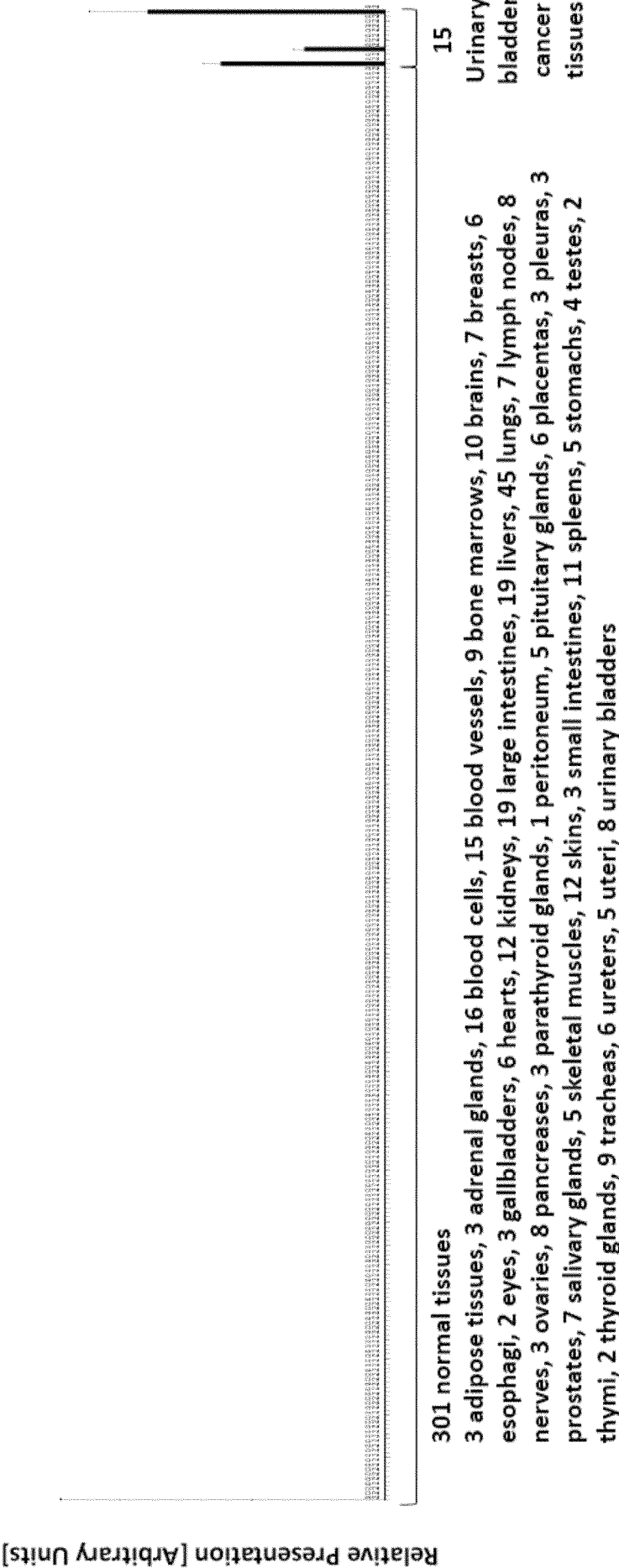


Figure 1D

Peptide: FVFEPPPGV (A*02:01)
SEQ ID NO: 113

Relative Presentation [Arbitrary Units]

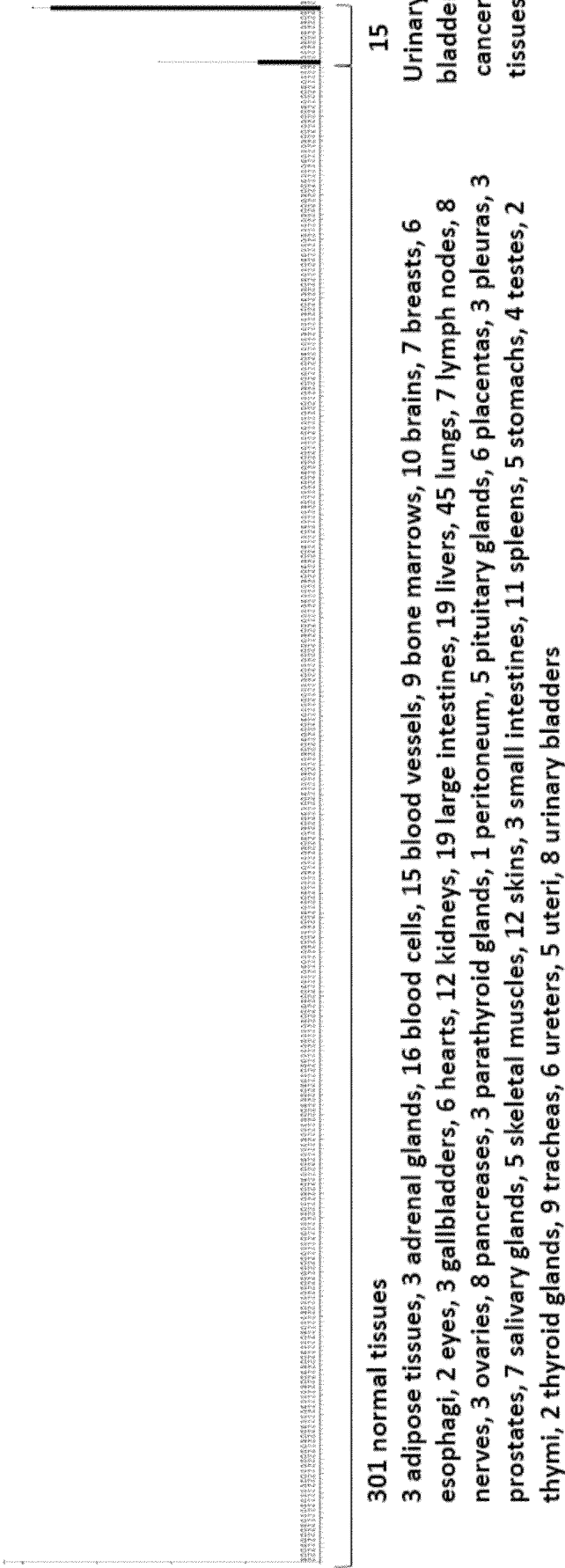
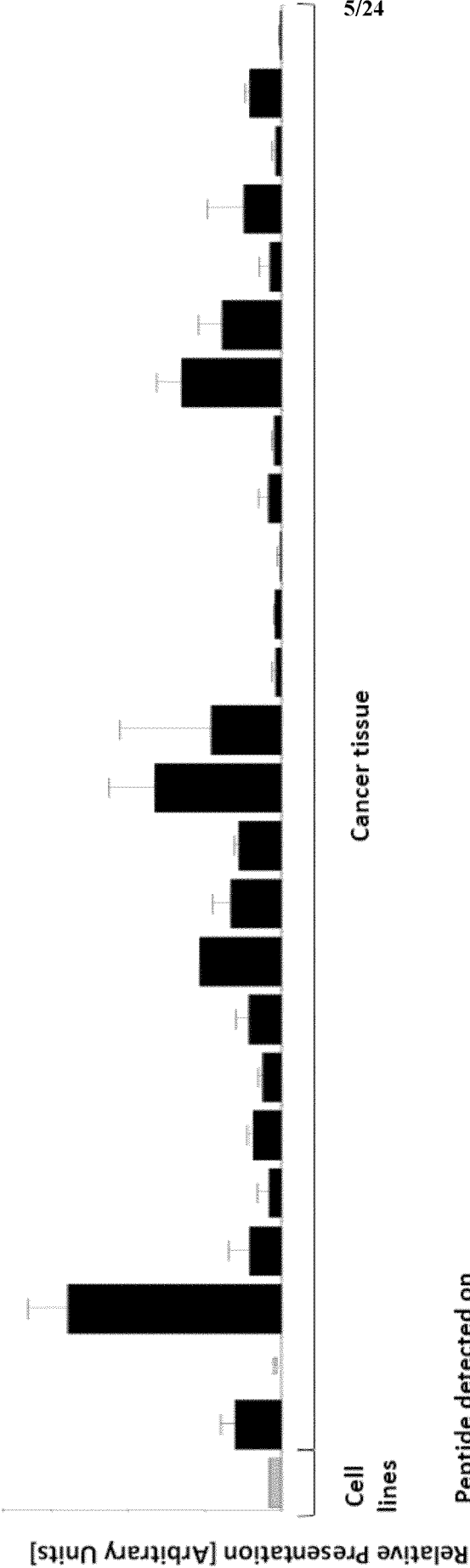


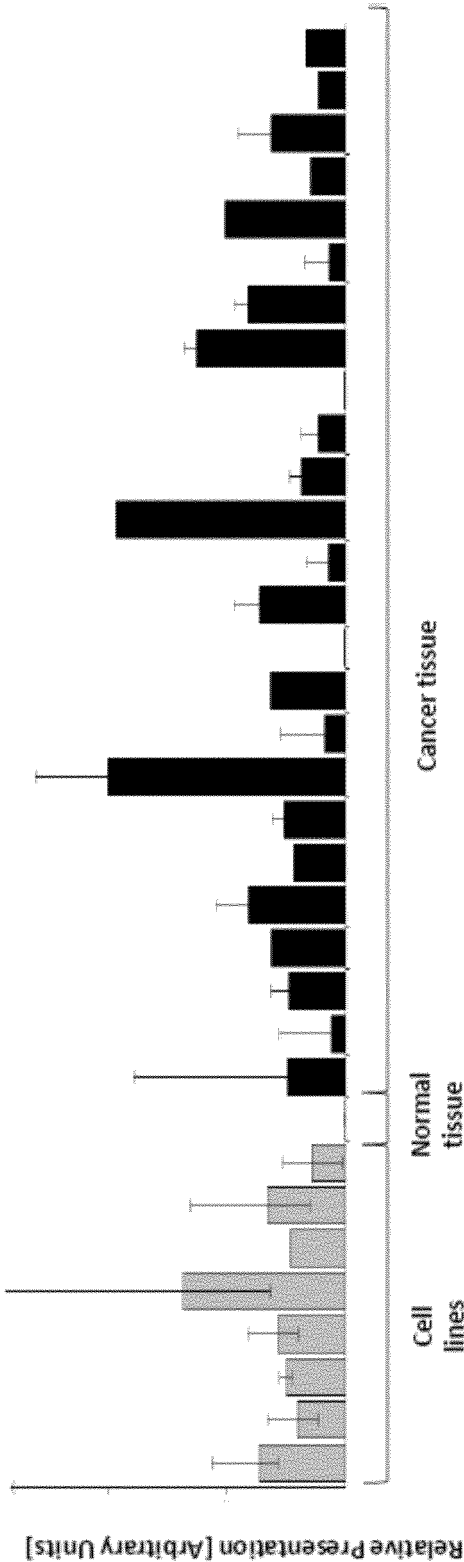
Figure 1E

Peptide: YLAPENGYLMEA (A*02:01)
SEQ ID NO: 15



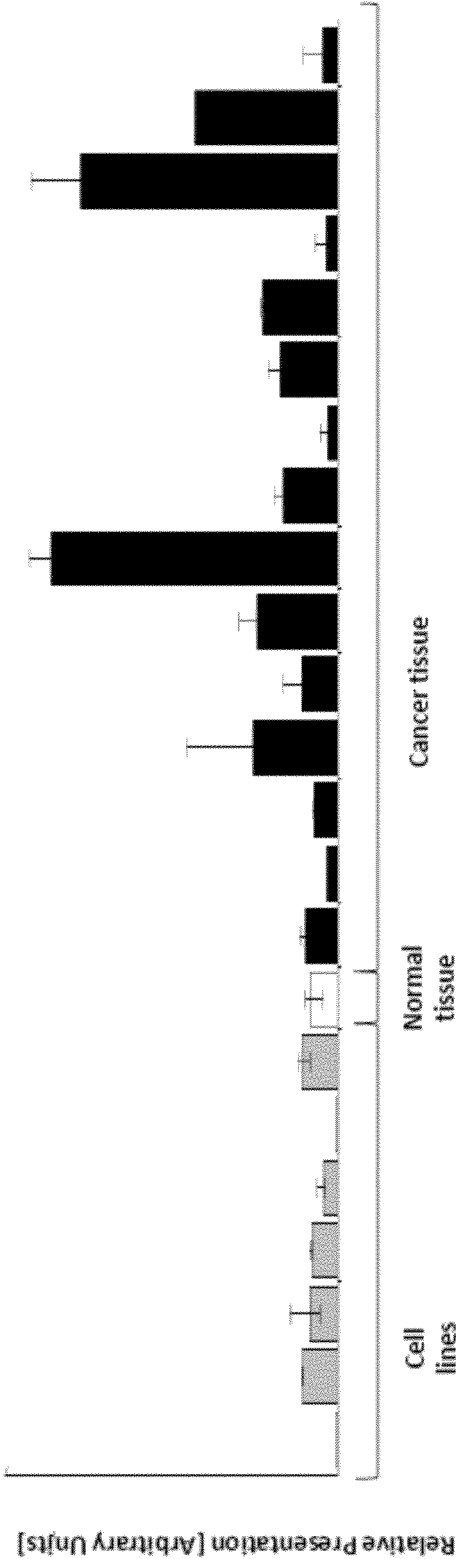
Peptide detected on
1 cell line (1 kidney), 25 cancer tissues (2 colon cancers, 1 leukocytic leukemia cancer, 3 liver cancers, 6 lung cancers, 3 lymph node cancers, 3 prostate cancers, 2 skin cancers, 3 urinary bladder cancers, 2 uterus cancers) (from left to right)

Figure 1F
Peptide: GLWHGMFANV (A*02)
SEQ ID NO: 10



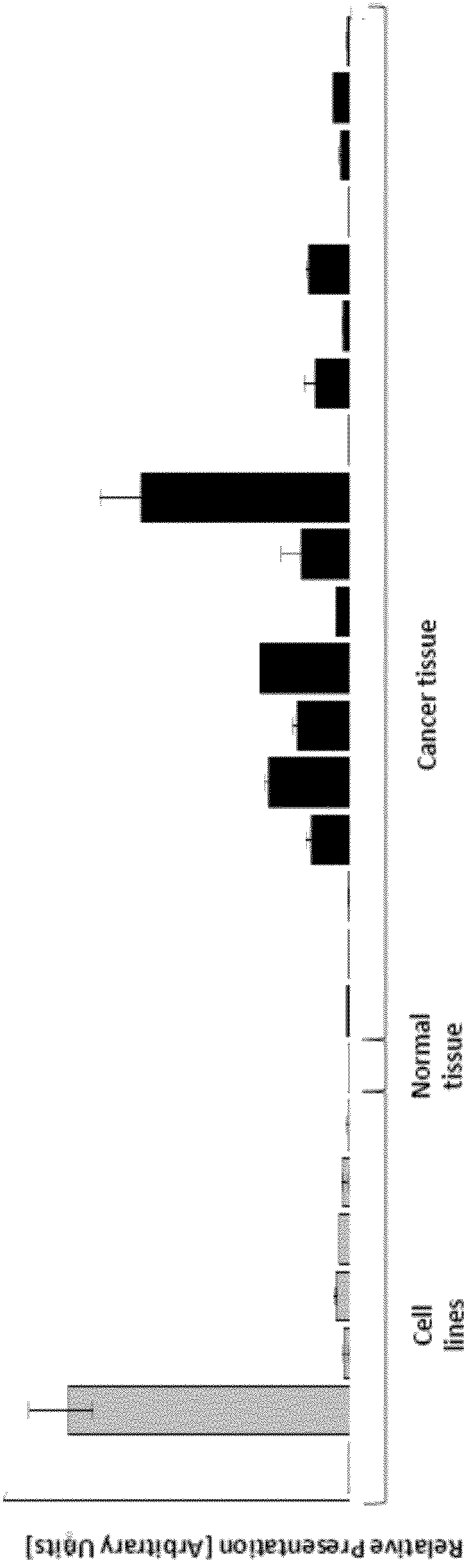
Peptide detected on
8 cell lines (1 head-and-neck, 1 ovary, 2 lymphocytes, 3 skins, 1 head-and-neck), 1 normal tissue (1 spleen), 25 cancer tissues (1 brain cancer, 1 leukocytic leukemia cancer, 1 bone marrow cancer, 1 breast cancer, 3 colon cancers, 2 liver cancers, 1 head-and-neck cancer, 1 skin cancer, 2 ovarian cancers, 2 brain cancers, 7 lung cancers, 3 urinary bladder cancers) (from left to right)

Figure 1G
Peptide: RLSQLEGVNV (A*02)
SEQ ID NO: 17



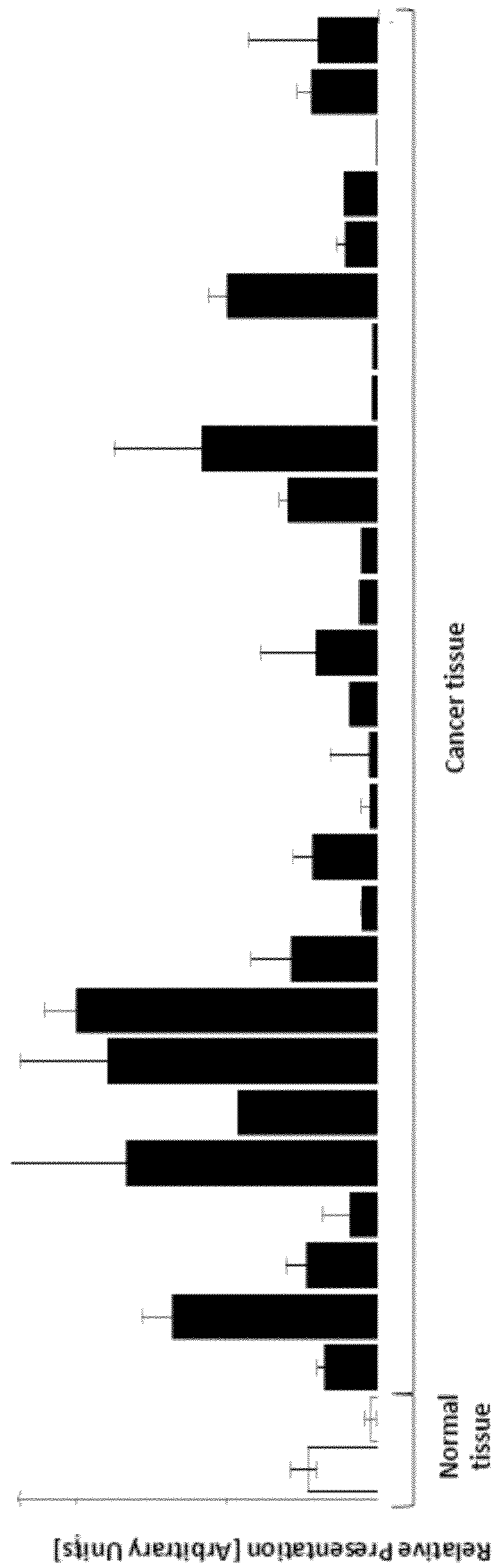
Peptide detected on
7 cell lines (1 lymphocyte, 2 skins, 4 pancreas), 1 normal tissue (1 adrenal gland), 15 cancer tissues (1 liver cancer, 2 head-and-neck cancers, 2 ovarian cancers, 1 lung cancer, 1 kidney cancer, 3 lung cancers, 4 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 1H
Peptide: GLALLYSGV (A*02)
SEQ ID NO: 26



Peptide detected on
7 cell lines (1 urinary bladder, 3 leukocytes, 3 pancreas), 1 normal tissue (1 lung), 18 cancer tissues (1 bone marrow cancer, 1 breast cancer, 1 leukocytic leukemia cancer, 7 liver cancers, 2 skin cancers, 1 stomach cancer, 1 lung cancer, 3 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 1I
Peptide: GLIDSLMAYV (A*02)
SEQ ID NO: 28



Peptide detected on
2 normal tissues (1 head-and-neck, 1 thymus), 27 cancer tissues (11 head-and-neck cancers, 1 skin cancer, 1 lymph node cancer,
2 esophageal cancers, 9 lung cancers, 3 urinary bladder cancers) (from left to right)

Figure 1K
Peptide: ILLRDLPTL (A*02)
SEQ ID NO: 56

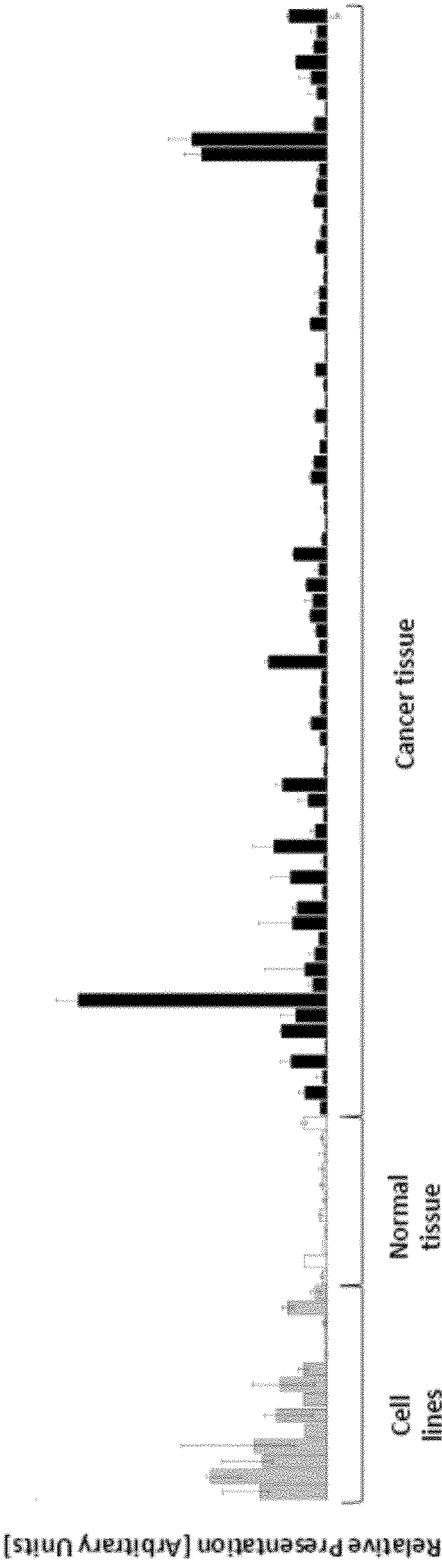
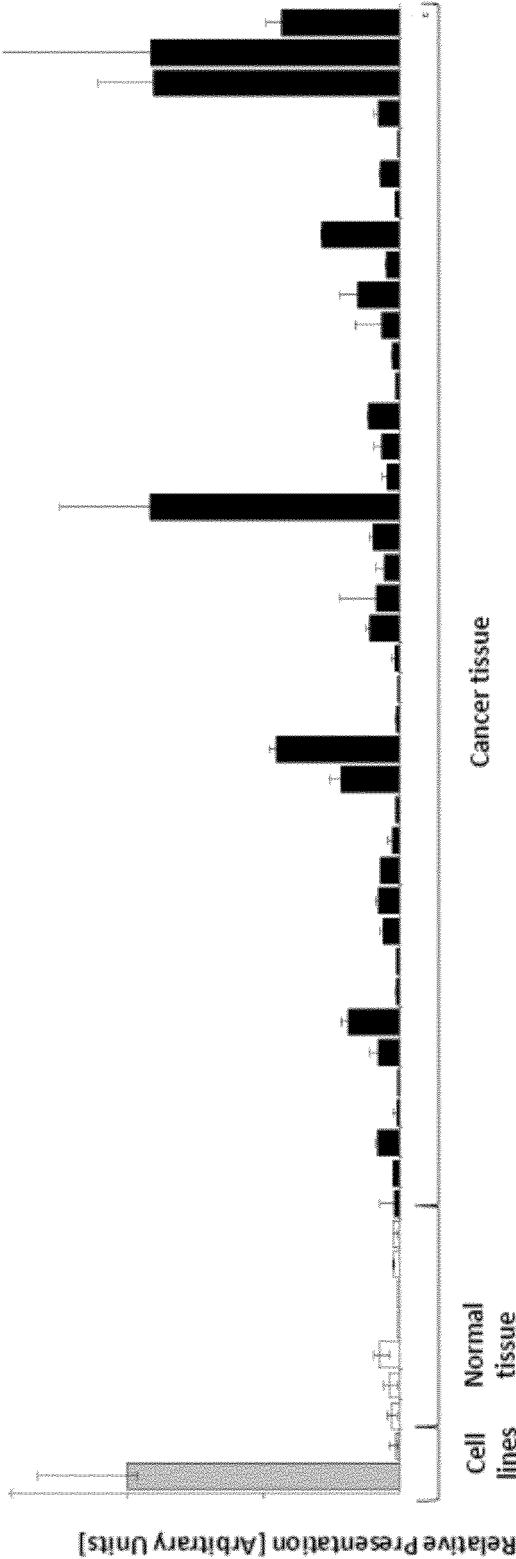


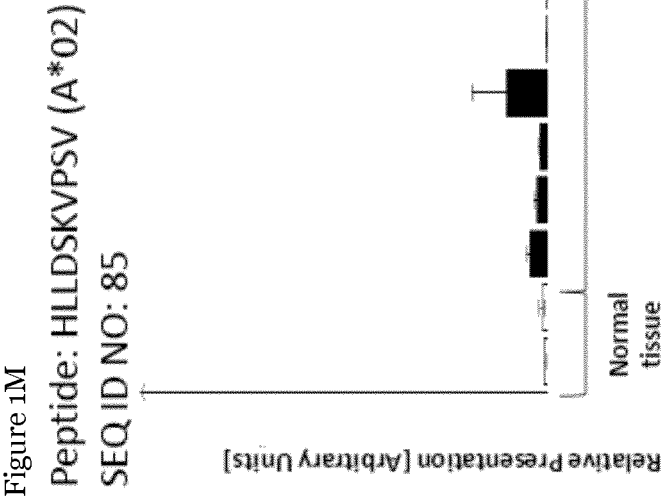
Figure 1L

Peptide: GLDSSNVQGSVL (A*02)
SEQ ID NO: 58



Peptide detected on

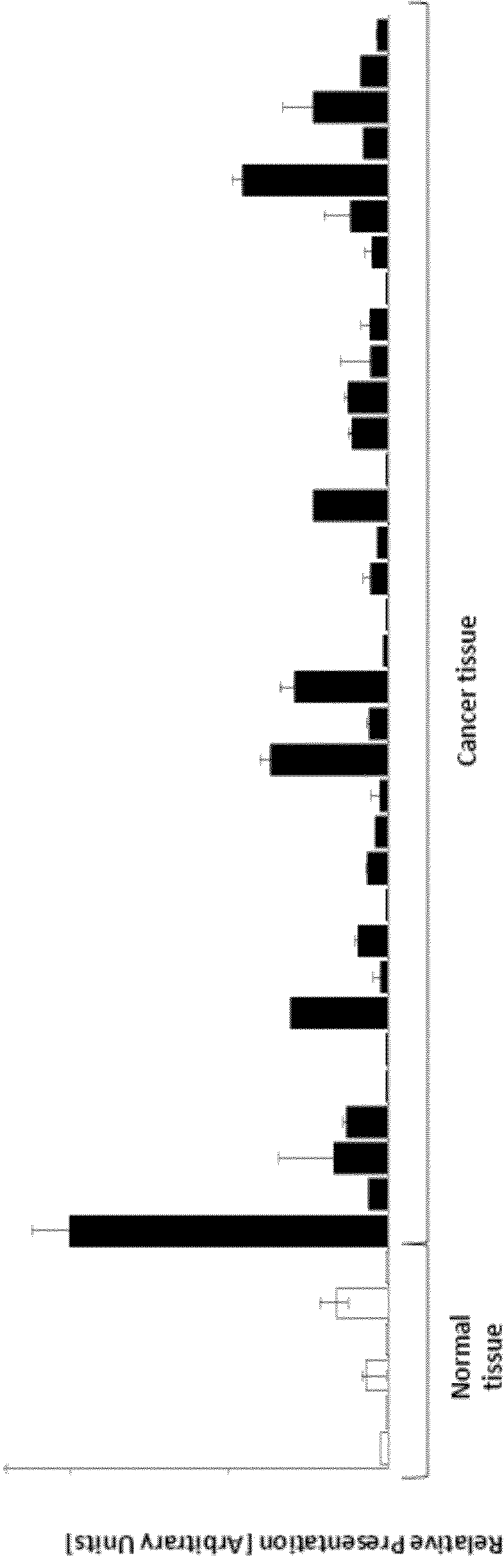
2 cell lines (2 leukocytes), 7 normal tissues (1 adrenal gland, 1 lymph node, 5 spleens), 40 cancer tissues (1 colon cancer, 1 bile duct cancer, 1 liver cancer, 2 head-and-neck cancers, 2 skin cancers, 4 lymph node cancers, 6 ovarian cancers, 1 esophagus and stomach cancer, 1 stomach cancer, 17 lung cancers, 3 urinary bladder cancers, 1 uterus cancer) (from left to right)



Peptide detected on

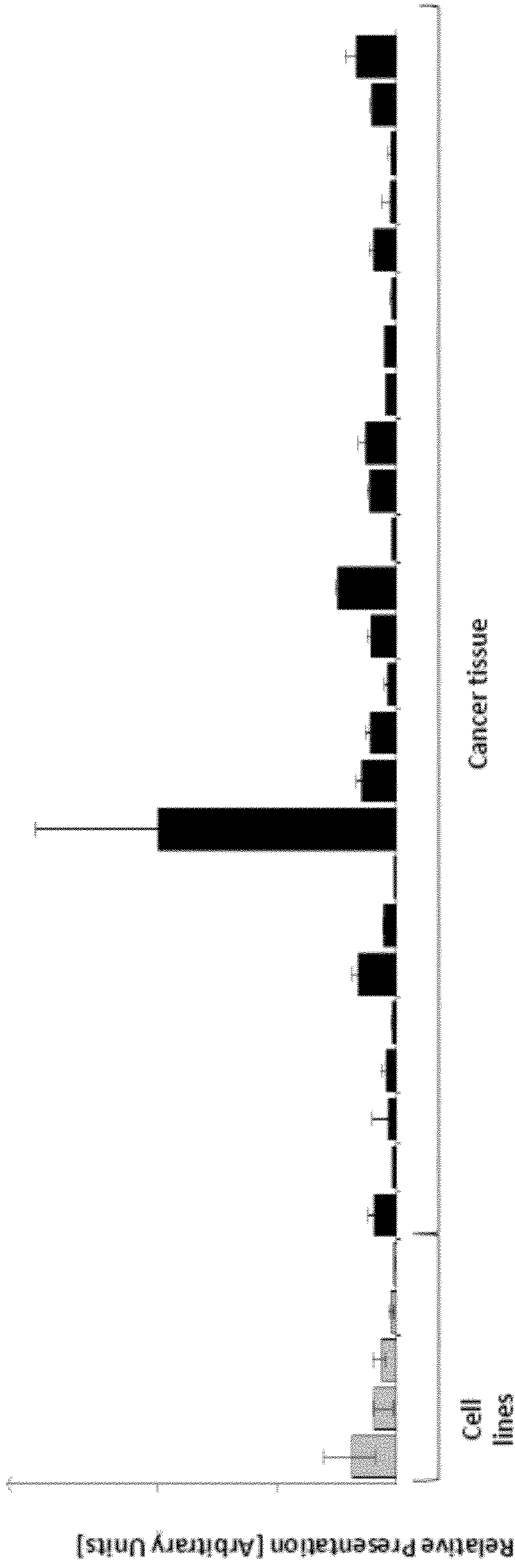
2 normal tissues (2 spleens), 25 cancer tissues (1 colon cancer, 2 liver cancers, 2 head-and-neck cancers, 2 ovarian cancers, 2 esophageal cancers, 1 brain cancer, 12 lung cancers, 3 urinary bladder cancers) (from left to right)

Figure 1N
Peptide: ALIGDDVGL (A*02)
SEQ ID NO: 99



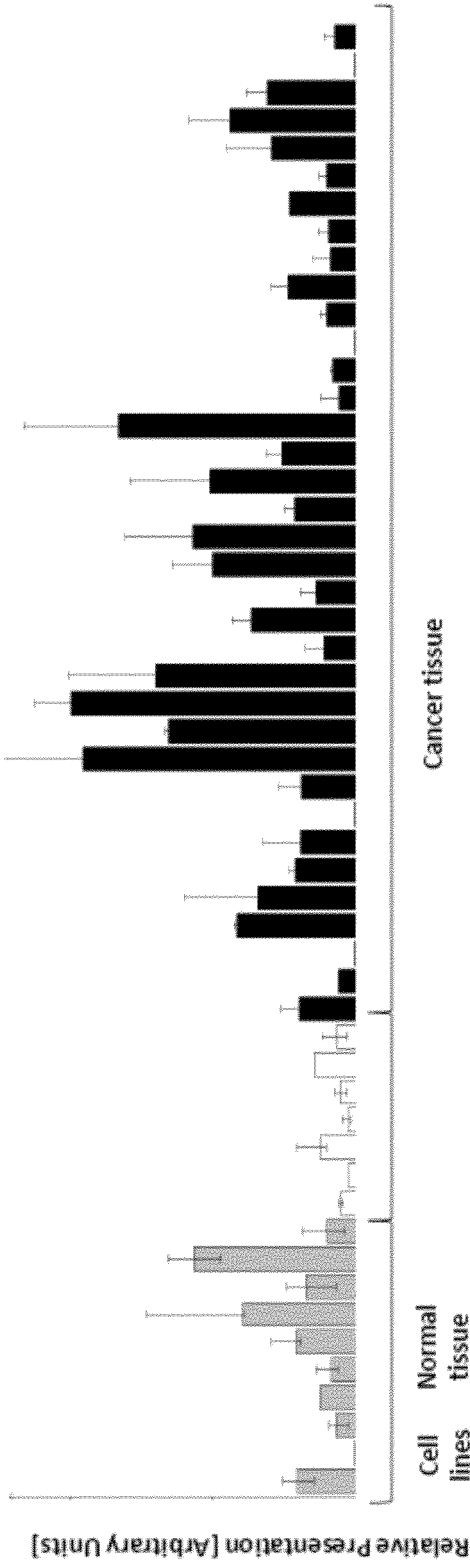
Peptide detected on
6 normal tissues (2 leukocyte samples, 1 lymphocyte, 1 spleen, 1 thymus), 34 cancer tissues (1 myeloid cells cancer, 1 bone marrow cancer, 2 leukocytic leukemia cancers, 2 colon cancers, 1 colorectal cancer, 1 gallbladder cancer, 4 head-and-neck cancers, 2 skin cancers, 2 lymph node cancers, 2 ovarian cancers, 1 esophageal cancer, 1 stomach cancer, 9 lung cancers, 4 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 10
Peptide: FVFEPPPGV (A*02)
SEQ ID NO: 113



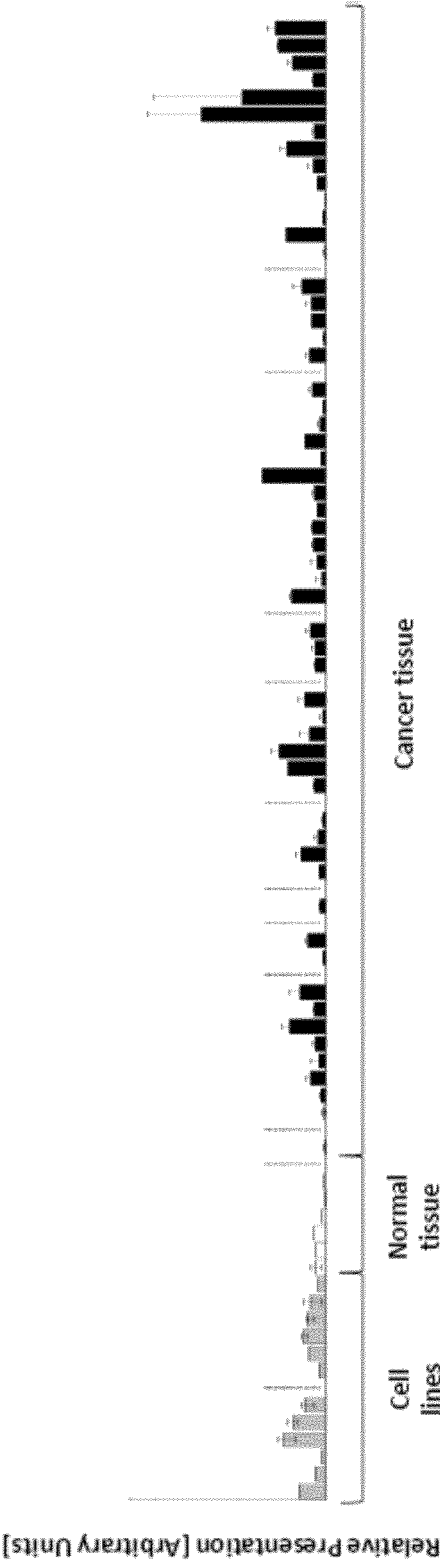
Peptide detected on
5 cell lines (1 skin, 1 urinary bladder, 1 ovary, 2 pancreas), 25 cancer tissues (1 prostate cancer, 1 breast cancer, 1 liver cancer, 2 head-and-neck cancers, 6 skin cancers, 1 lymph node cancer, 2 pancreas cancers, 1 brain cancer, 2 stomach cancers, 4 lung cancers, 4 urinary bladder cancers) (from left to right)

Figure 1P
Peptide: QLQGYLRV (A*02)
SEQ ID NO: 121



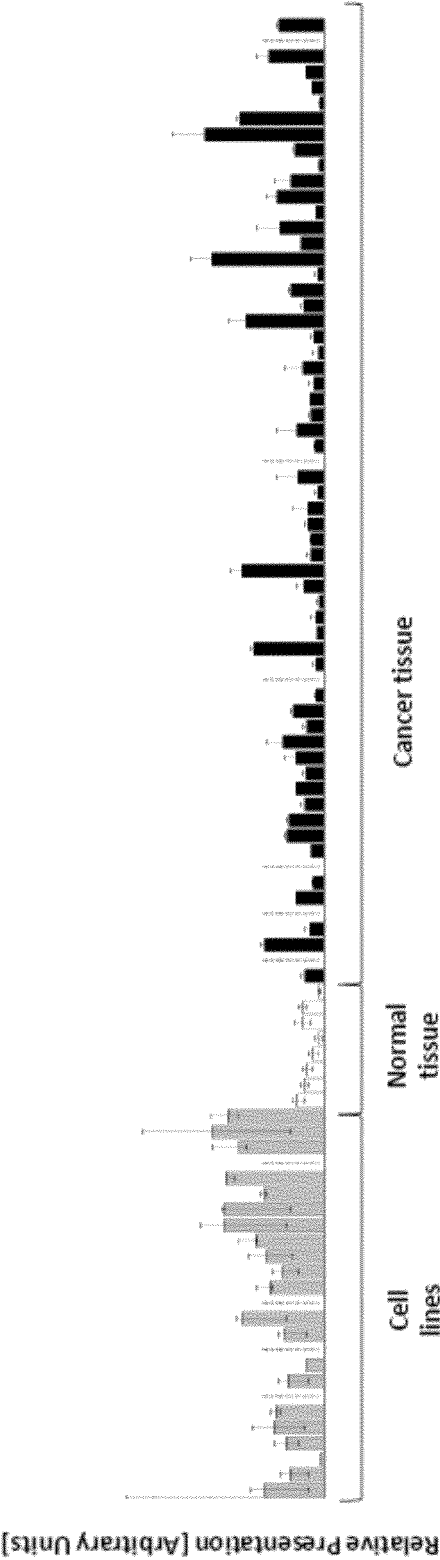
Peptide detected on
10 cell lines (1 ovary, 2 primary cultures, 1 lymphocytes, 1 leukocytes, 1 kidney, 2 rectum, 2 pancreas), 7 normal tissues (1 adrenal gland, 1 leukocyte sample, 3 bone marrows, 1 colon, 1 trachea), 36 cancer tissues (1 cecum cancer, 1 myeloid cells cancer, 1 leukocytic leukemia cancer, 4 colon cancers, 1 rectum cancer, 1 bile duct cancer, 5 liver cancers, 6 head-and-neck cancers, 1 lymph node cancer, 1 esophageal cancer, 1 pancreas cancer, 1 brain cancer, 9 lung cancers, 1 urinary bladder cancer, 2 uterus cancers) (from left to right)

Figure 1Q
Peptide: ILEPSLYTV (A*02)
SEQ ID NO: 122



Peptide detected on
13 cell lines (1 kidney, 2 leukocytes, 1 skin, 9 pancreas), 10 normal tissues (1 adrenal gland, 5 colons, 1 liver, 2 lungs, 1 lymph node), 63 cancer tissues (2 myeloid cells cancers, 2 leukocytic leukemia cancers, 1 bone marrow cancer, 2 prostate cancers, 4 breast cancers, 2 leukocytic leukemia cancers, 1 colon cancer, 1 rectum cancer, 1 bile duct cancer, 7 liver cancers, 3 head-and-neck cancers, 5 skin cancers, 2 lymph node cancers, 2 ovarian cancers, 1 esophageal cancer, 1 pancreas cancer, 5 brain cancers, 4 stomach cancers, 5 lung cancers, 3 kidney cancers, 1 lung cancer, 4 urinary bladder cancers, 4 uterus cancers) (from left to right)

Figure 1R
Peptide: YLEPKLTQV (A*02)
SEQ ID NO: 129



Peptide detected on
25 cell lines (1 head-and-neck, 1 ovary, 1 PBMCs, 2 lymphocytes, 3 skins, 1 kidney, 16 pancreas), 8 normal tissues (3 adrenal glands, 1 bone marrow, 1 head-and-neck and salivary gland, 1 kidney, 1 liver, 1 spleen), 62 cancer tissues (1 myeloid cells cancer, 1 bone marrow cancer, 1 leukocytic leukemia cancer, 3 prostate cancers, 1 breast cancer, 1 colon cancer, 2 bile duct cancers, 6 liver cancers, 3 head-and-neck cancers, 5 skin cancers, 2 lymph node cancers, 3 ovarian cancers, 2 esophageal cancers, 2 brain cancers, 1 stomach cancer, 11 lung cancers, 1 kidney cancer, 4 lung cancers, 6 urinary bladder cancers, 6 uterus cancers) (from left to right)

Figure 2A

Gene: TMPRSS4
Peptide: ILLQASVQV
SEQ ID NO: 1

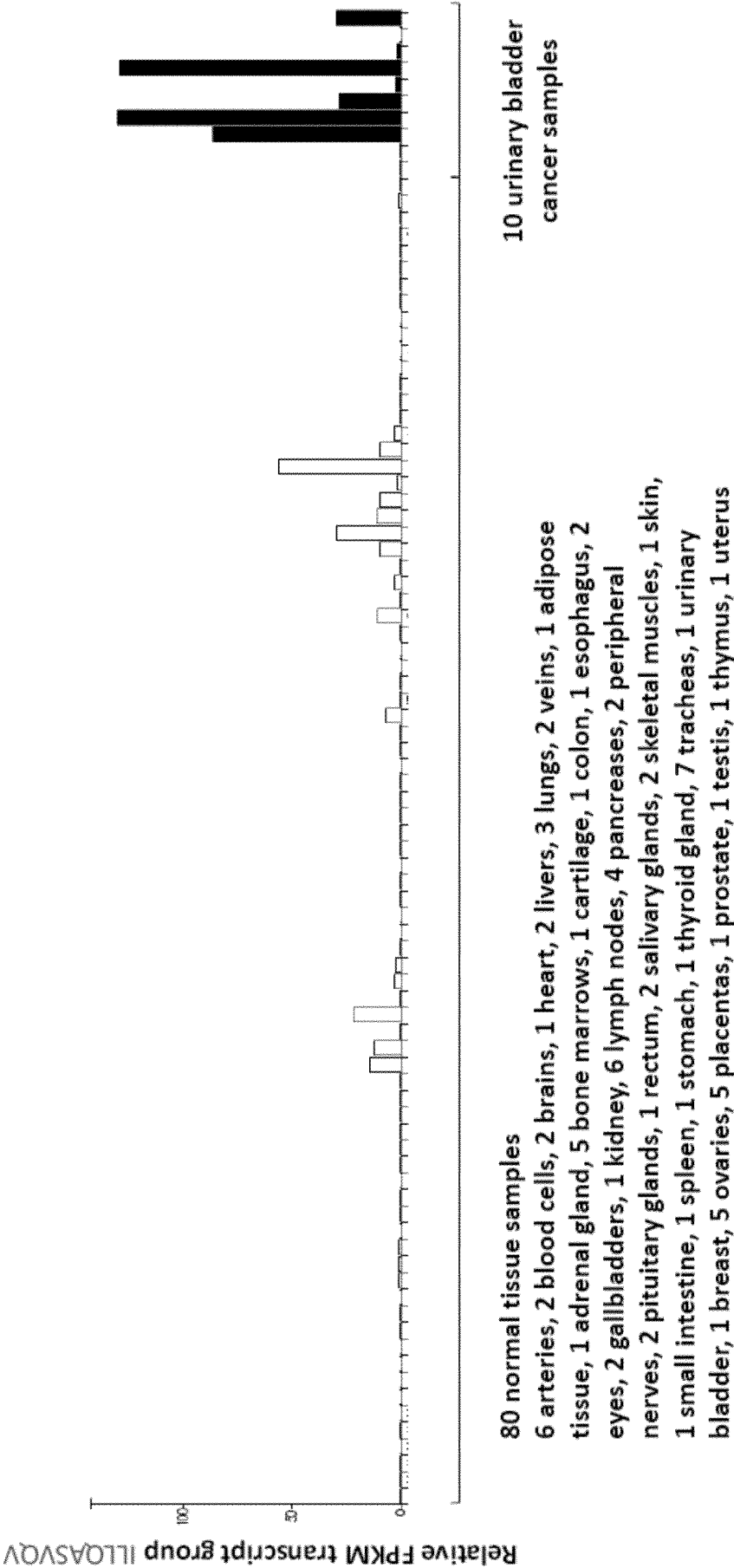


Figure 2B

Gene: KRT7
Peptide: ALSFSSAGPGLLKA
SEQ ID NO: 8

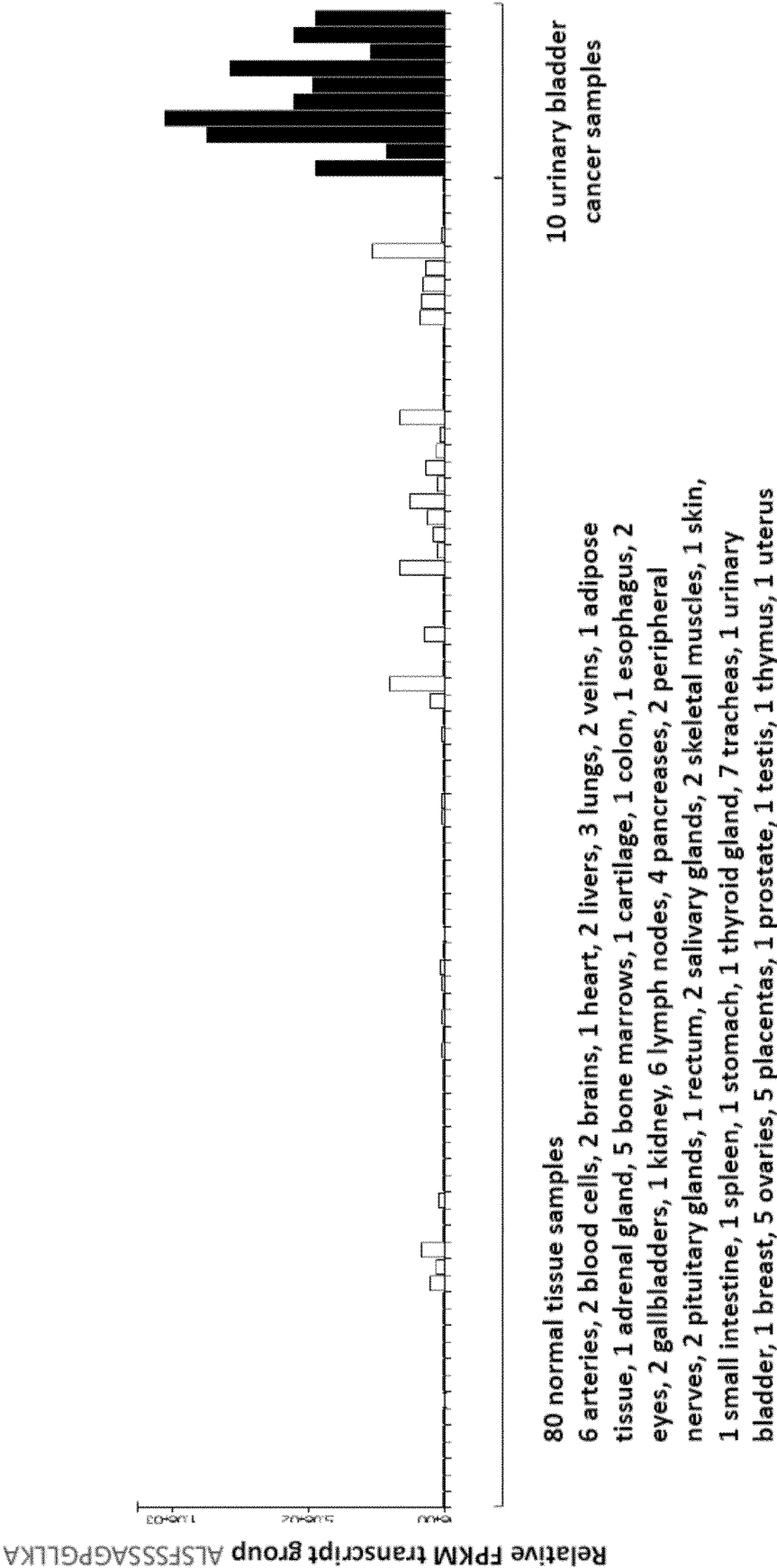


Figure 2C
Gene: CYP4F22
Peptide: AMAELRVVV
SEQ ID NO: 11

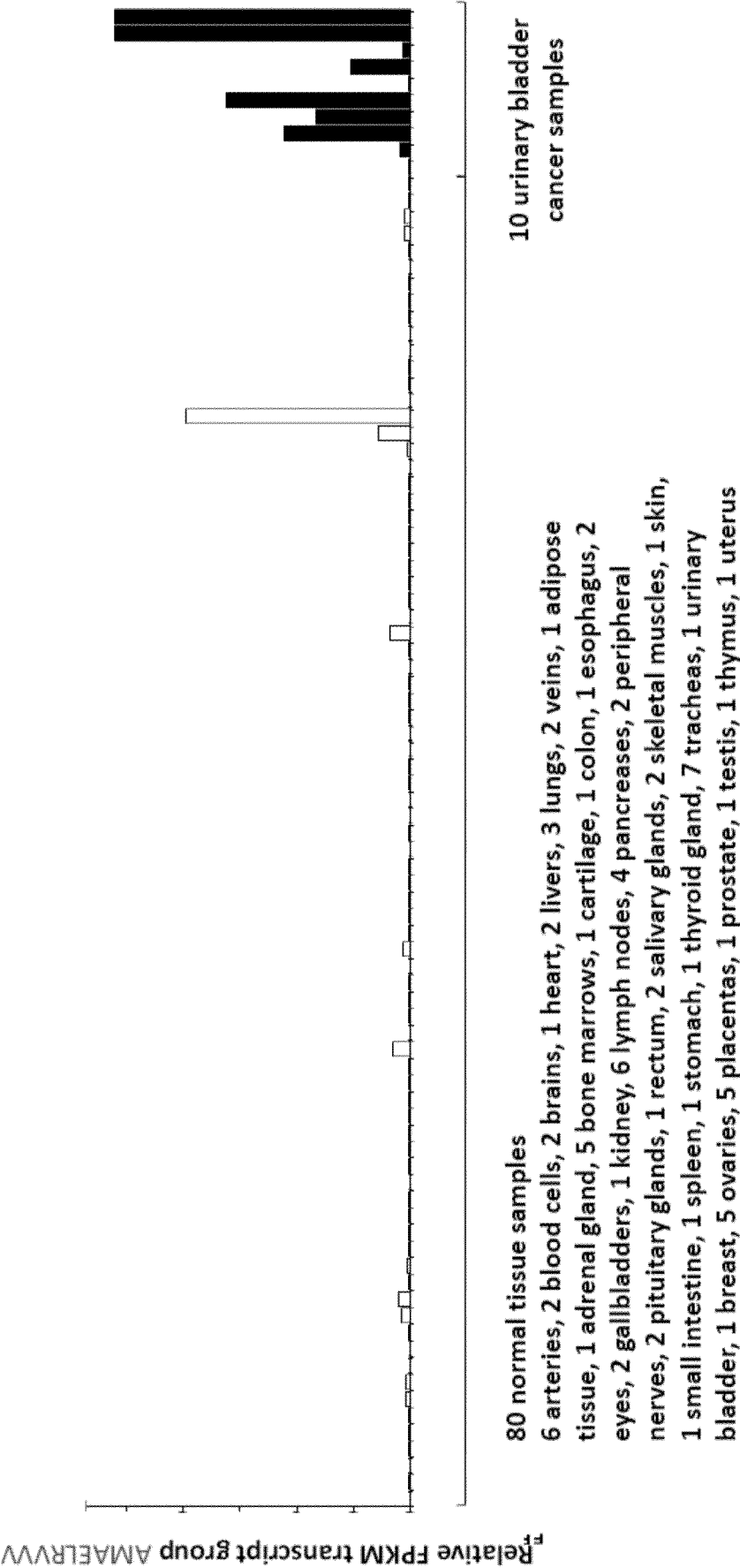


Figure 2D

Gene: DHRS2
Peptide: SIAAYNPVV
SEQ ID NO: 18

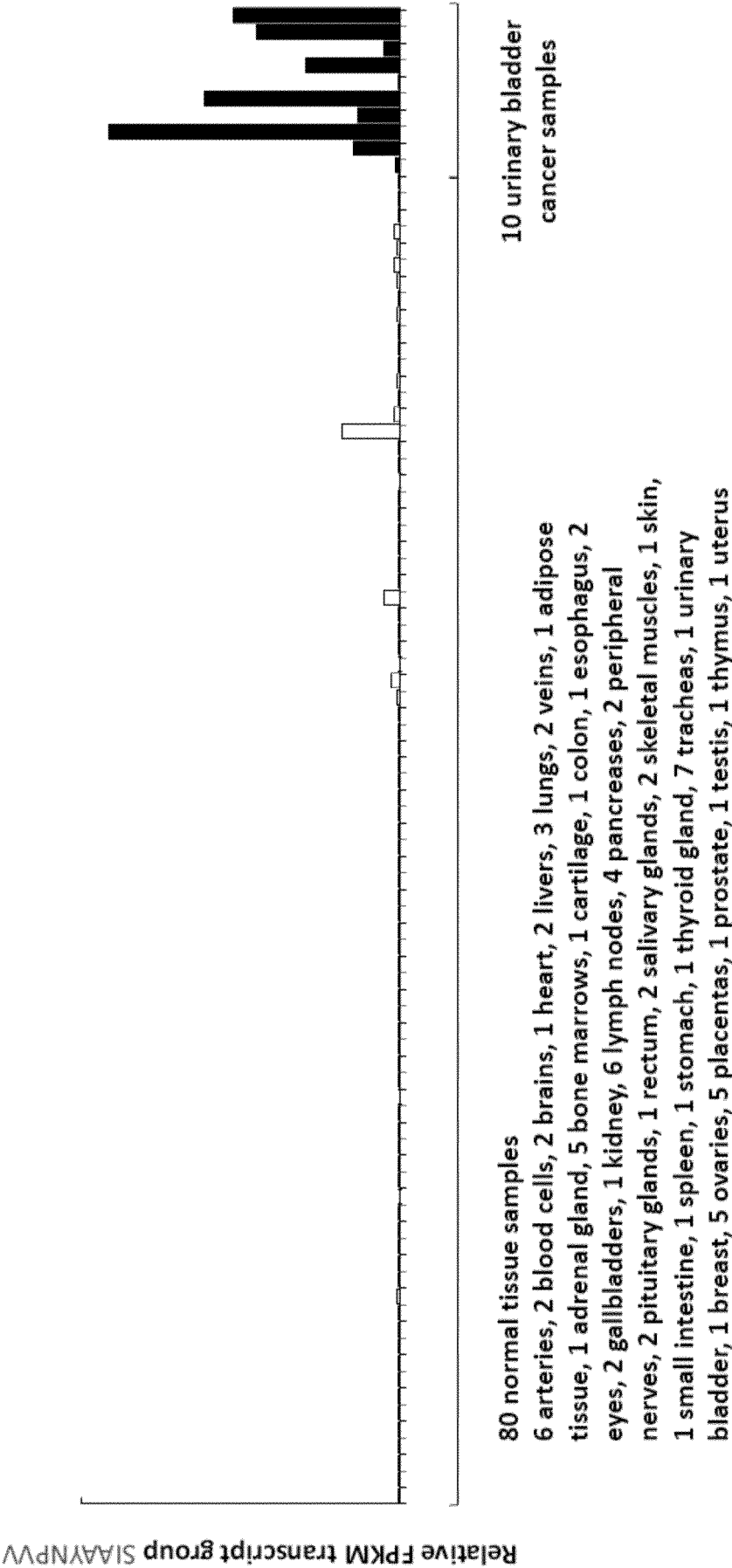


Figure 3

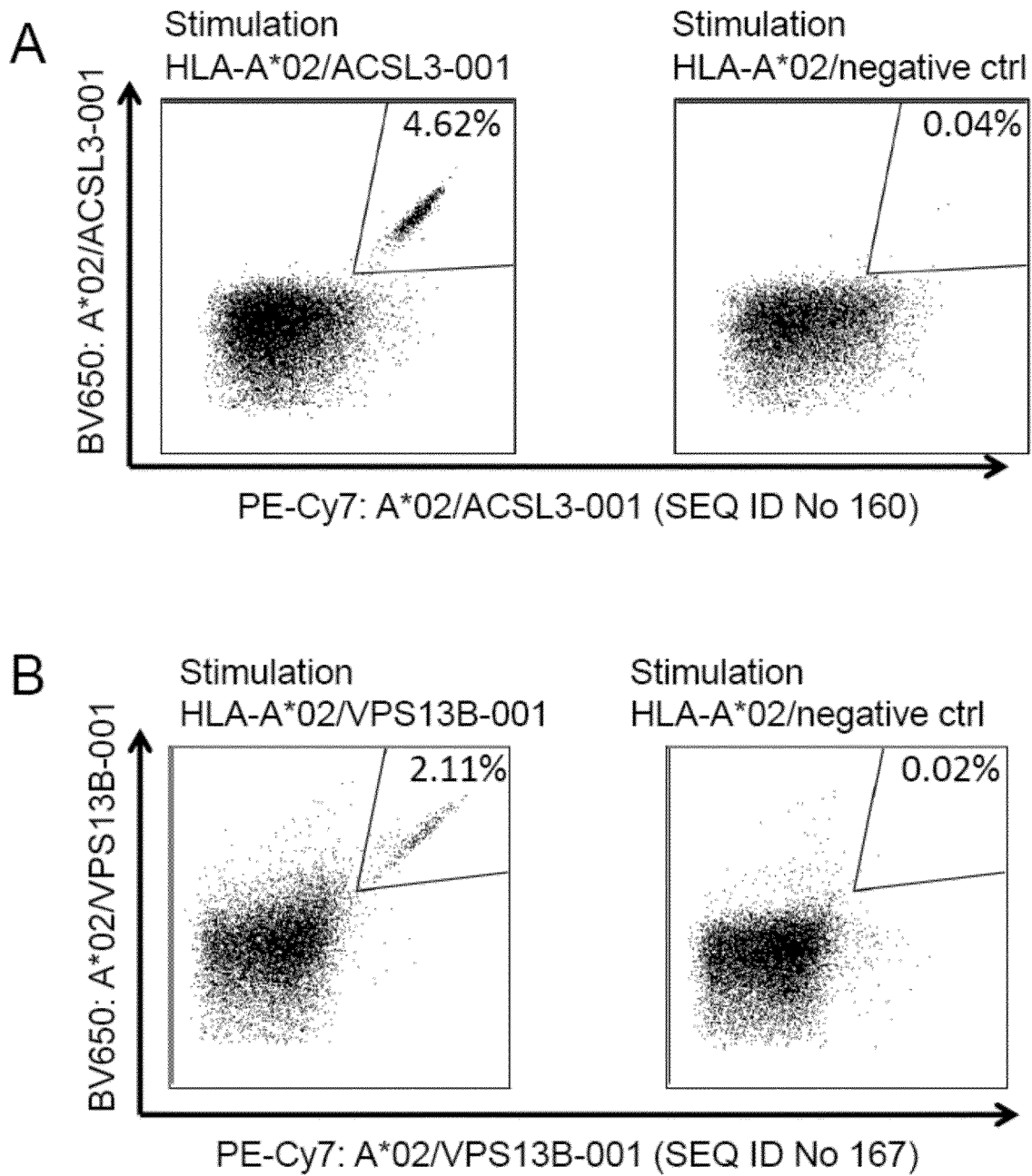


Figure 4

