

Figure 1A
Peptide: AMLEEVNYI (A*02)
SEQ ID NO: 1

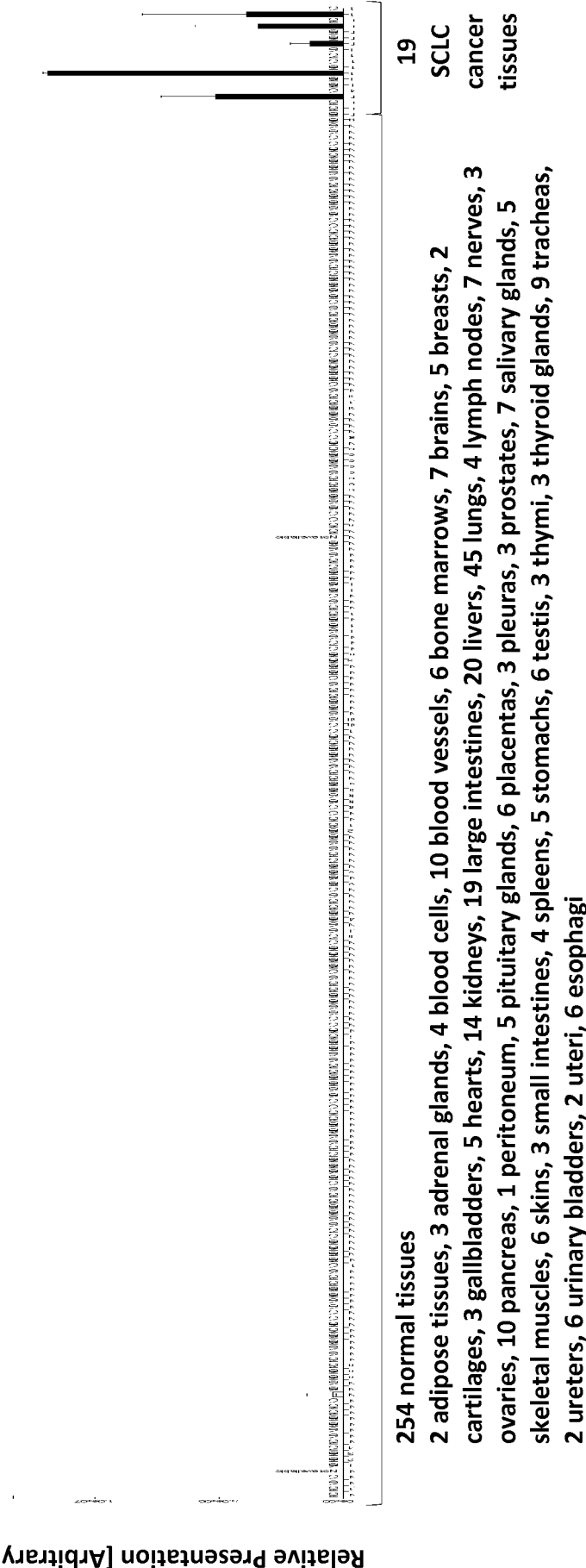


Figure 1B

Peptide: VLAIDPKQLV (A*02)

SEQ ID NO: 3

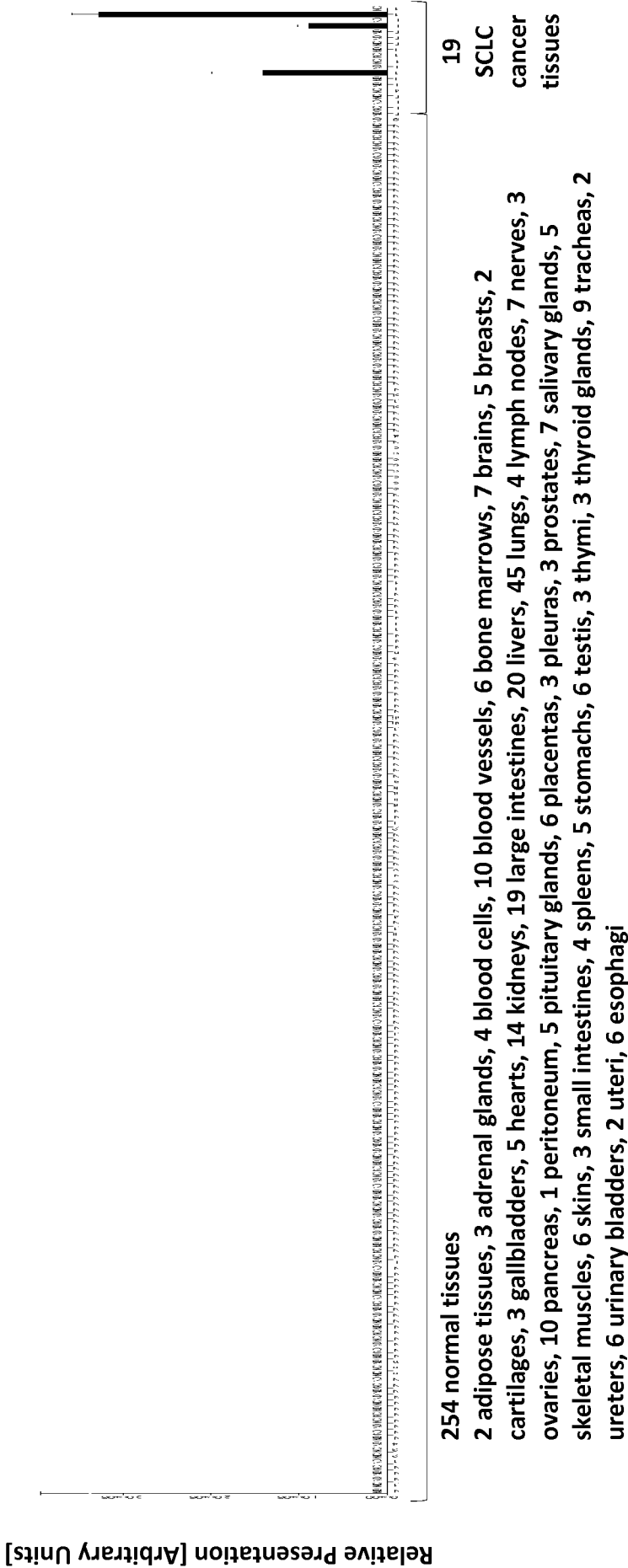


Figure 1C
Peptide: GLDPTQFRV (A*02)
SEQ ID NO: 39

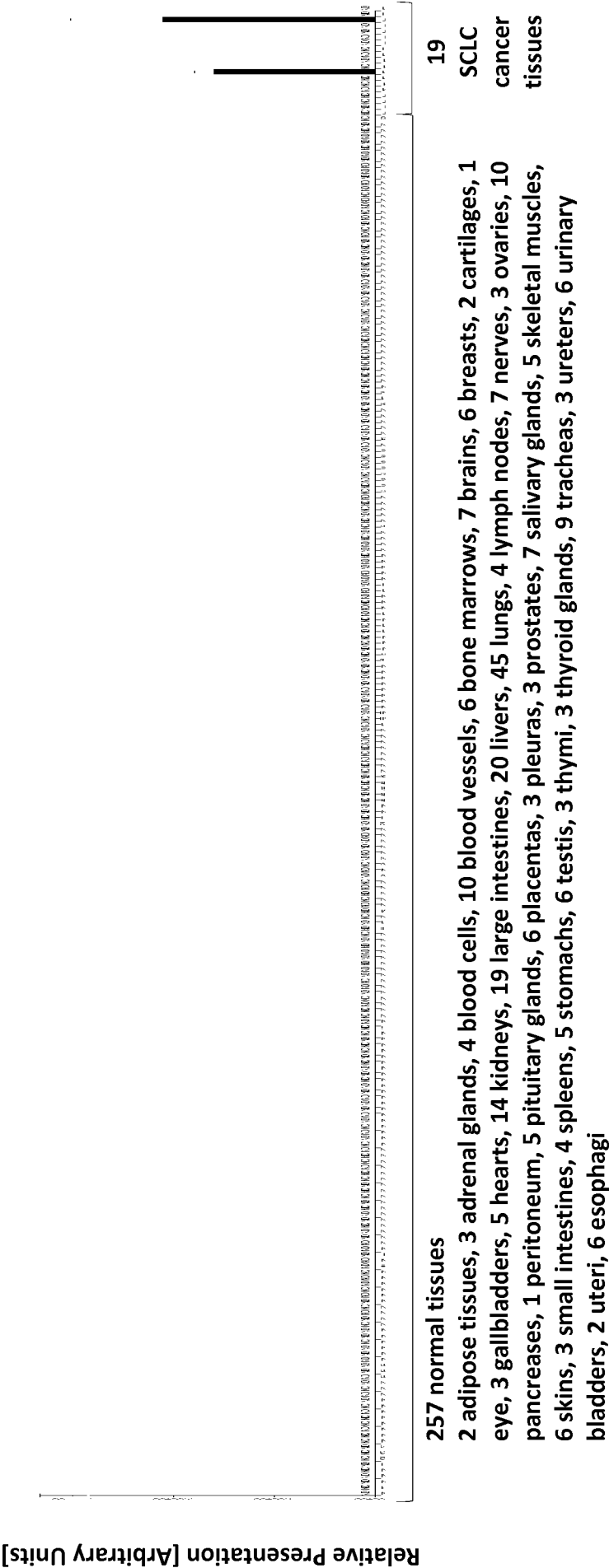


Figure 1D
Peptide: GLLEVQVEV (A*02)
SEQ ID NO: 40

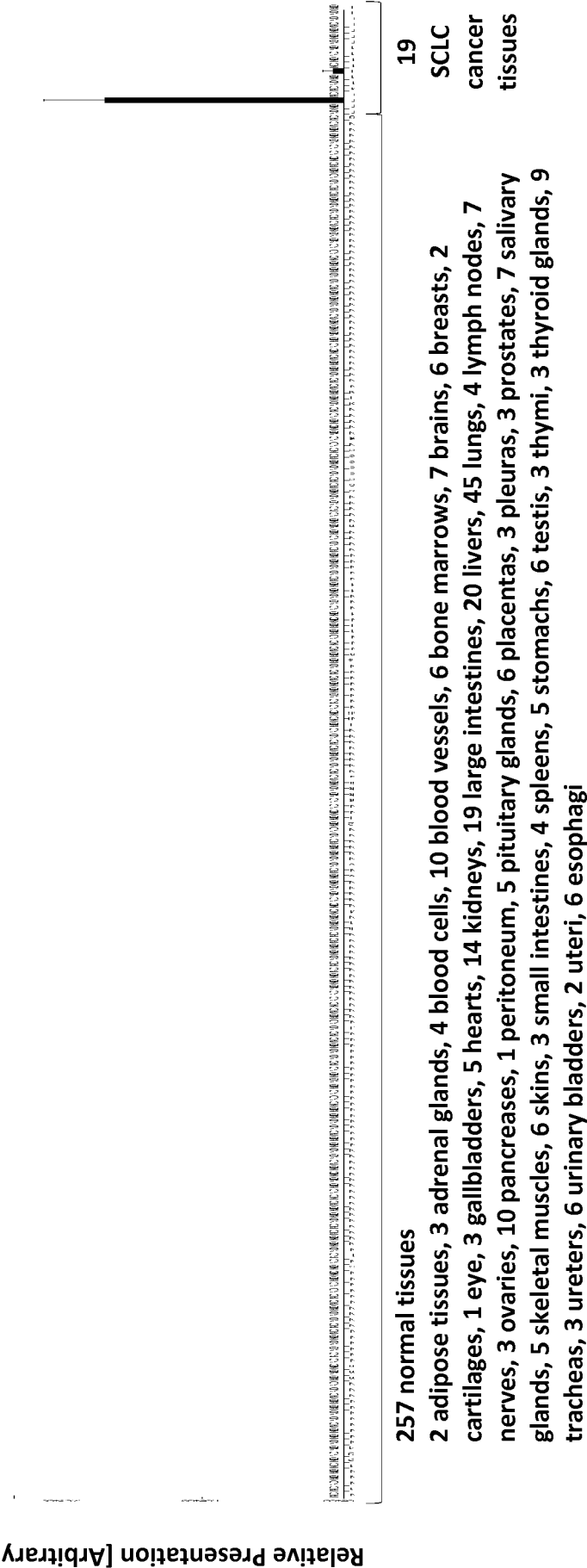
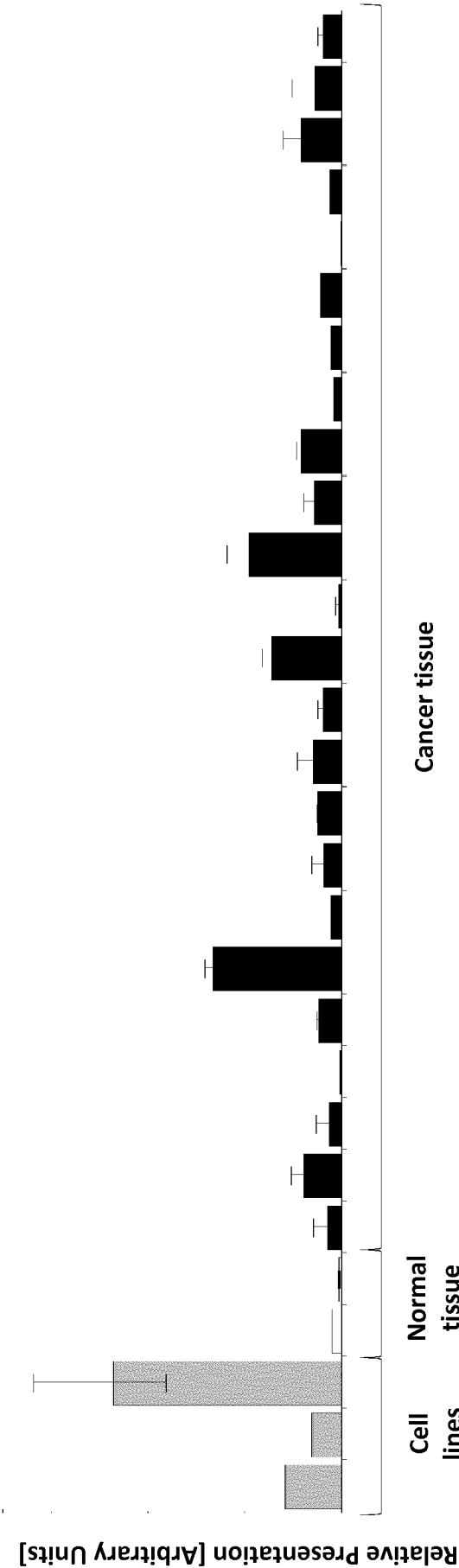
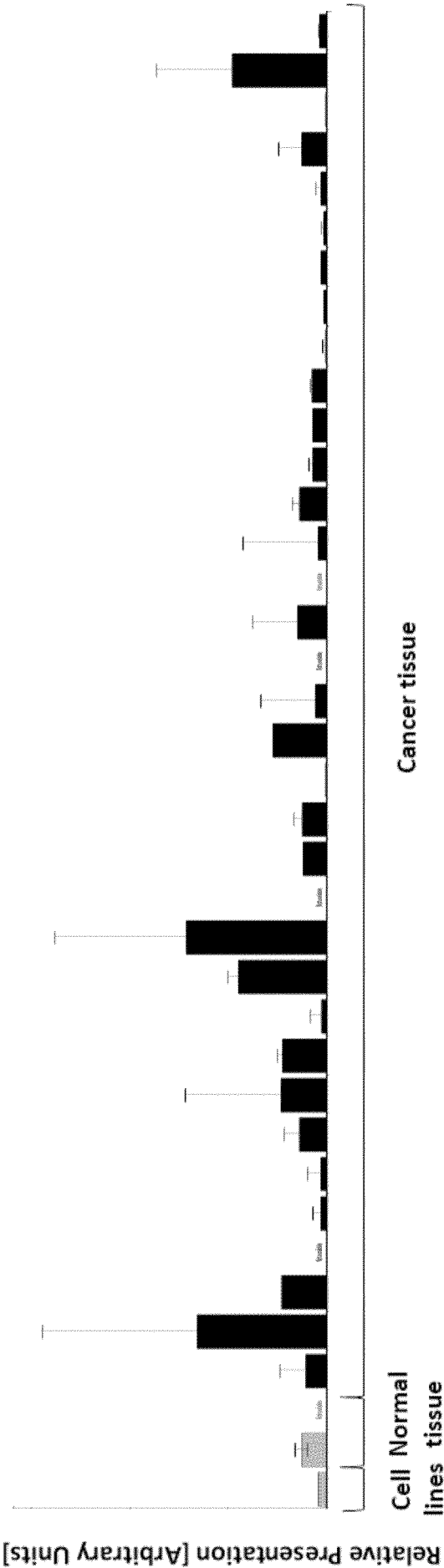


Figure 1E
Peptide: SLQSLIISV (A*02)
SEQ ID NO: 5



Peptide detected on
3 cell-lines (1 blood, 1 pancreatic), 2 normal tissues (1 lymph node, 1 spleen), 24 cancer tissues (2 leukocytic leukemia cancers, 1 breast cancer, 1 gallbladder cancer, 5 lung cancers, 6 lymph node cancers, 2 ovarian cancers, 2 prostate cancers, 2 skin cancers, 1 urinary bladder cancer, 2 uterus cancers) (from left to right)

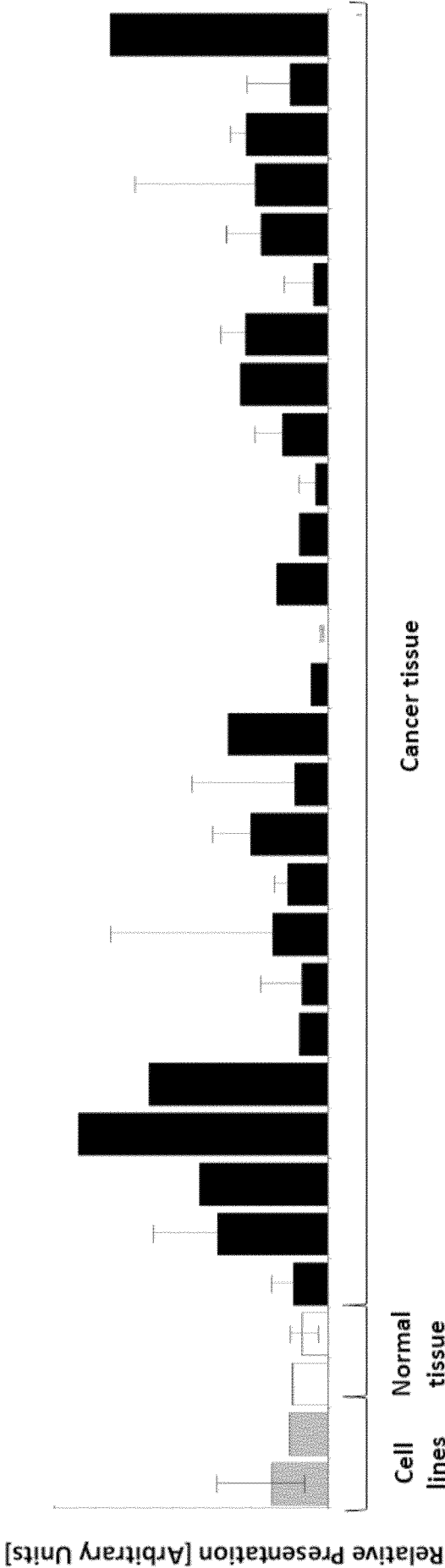
Figure 1F
Peptide: GLLGDIAIHL (A*02)
SEQ ID NO: 7



Peptide detected on
1 cell line (blood cells), 2 normal tissues (1 brain, 1 pituitary gland), 35 cancer tissues (27 brain cancers, 1 breast cancer, 1 liver cancer, 4 lung cancers, 2 uterus cancers) (from left to right)

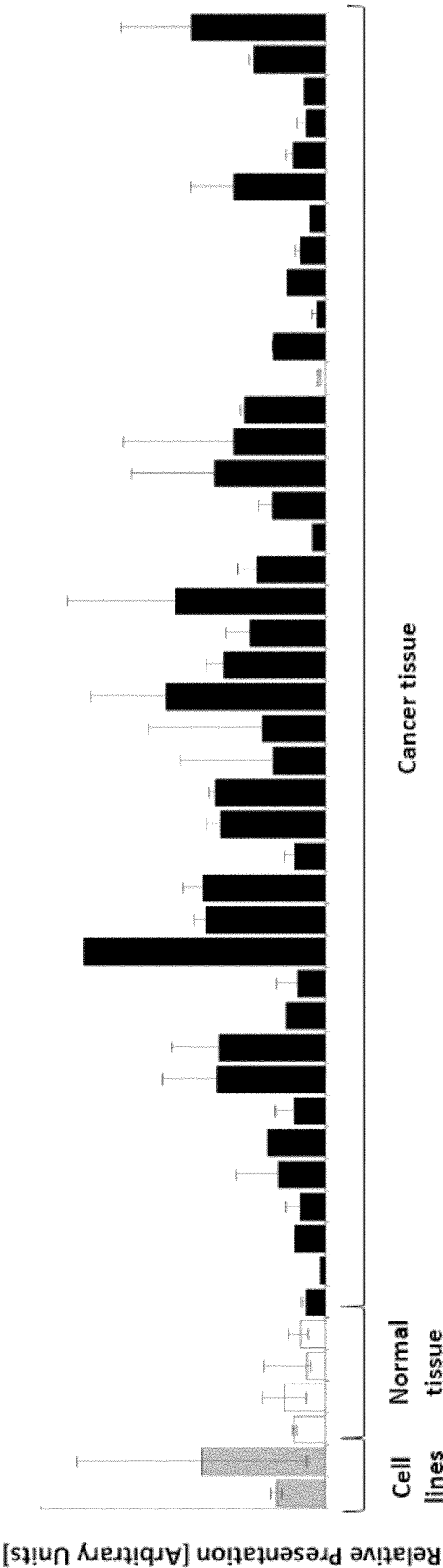
Figure 1G

Peptide: ILIETKLVL (A*02)
SEQ ID NO: 14



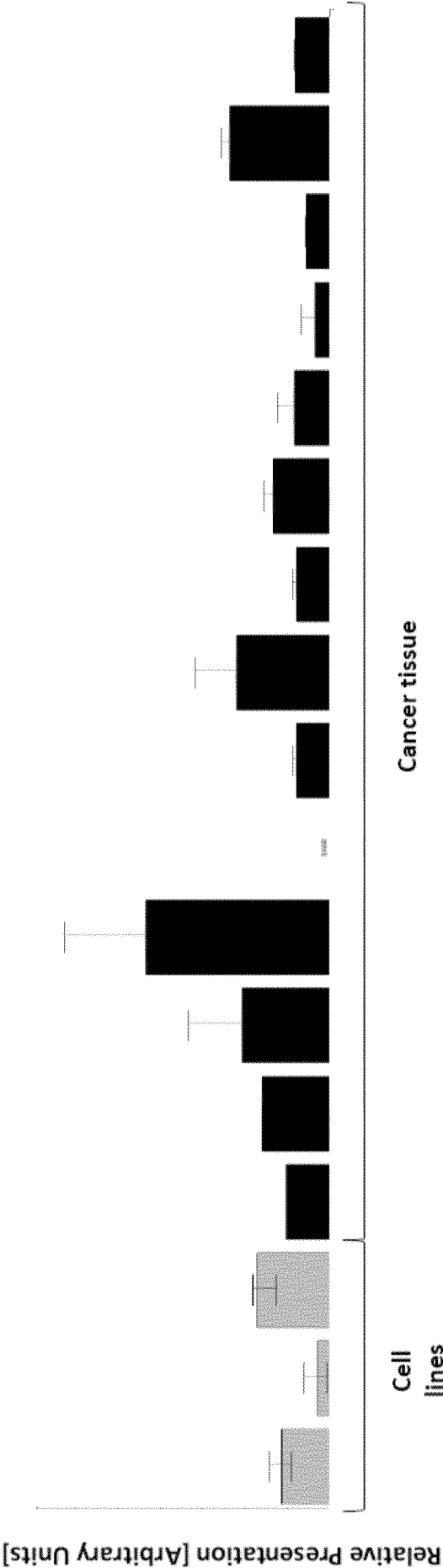
Peptide detected on
2 cell lines (1 prostate, 1 skin), 2 normal tissues (1 lymph node, 1 spleen), 26 cancer tissues (11 leukocytic leukemia cancers, 1 kidney cancer, 6 lung cancers, 4 lymph node cancers, 1 ovarian cancer, 1 prostate cancer, 1 stomach cancer, 1 testis cancer) (from left to right)

Figure 1H
Peptide: GLYSKTSQSV (A*02)
SEQ ID NO: 33



Peptide detected on
2 cell lines (1 blood cells, 1 pancreas), 4 normal tissues (1 adrenal gland, 1 colon, 2 lungs), 41 cancer tissues (1 leukocytic leukemia cancer, 2 breast cancers, 3 esophageal cancers, 5 head-and-neck cancers, 1 colon cancer, 1 liver cancer, 14 lung cancers, 3 lymph node cancers, 5 ovarian cancers, 1 prostate cancer, 3 urinary bladder cancers, 2 uterus cancers) (from left to right)

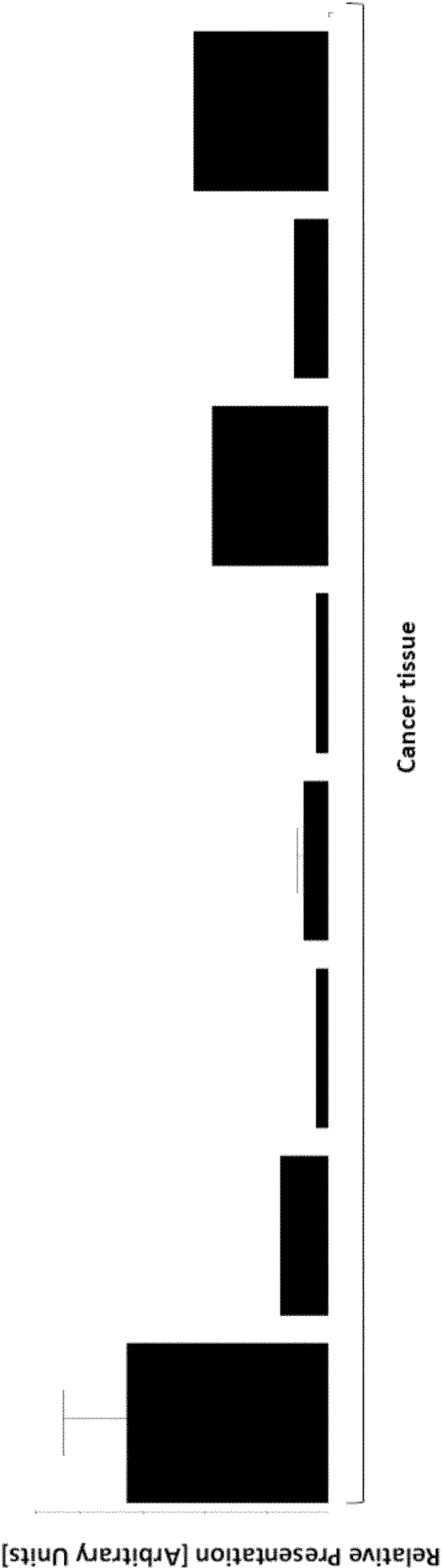
Figure 1I
Peptide: SLSGEIILHSV (A*02)
SEQ ID NO: 45



Peptide detected on
3 cell lines (2 pancreas, 1 skin), 14 cancer tissues (2 breast cancers, 3 head-and-neck cancers, 1 colon cancer, 5 lung cancers, 1 skin cancer, 2 urinary bladder cancers) (from left to right)

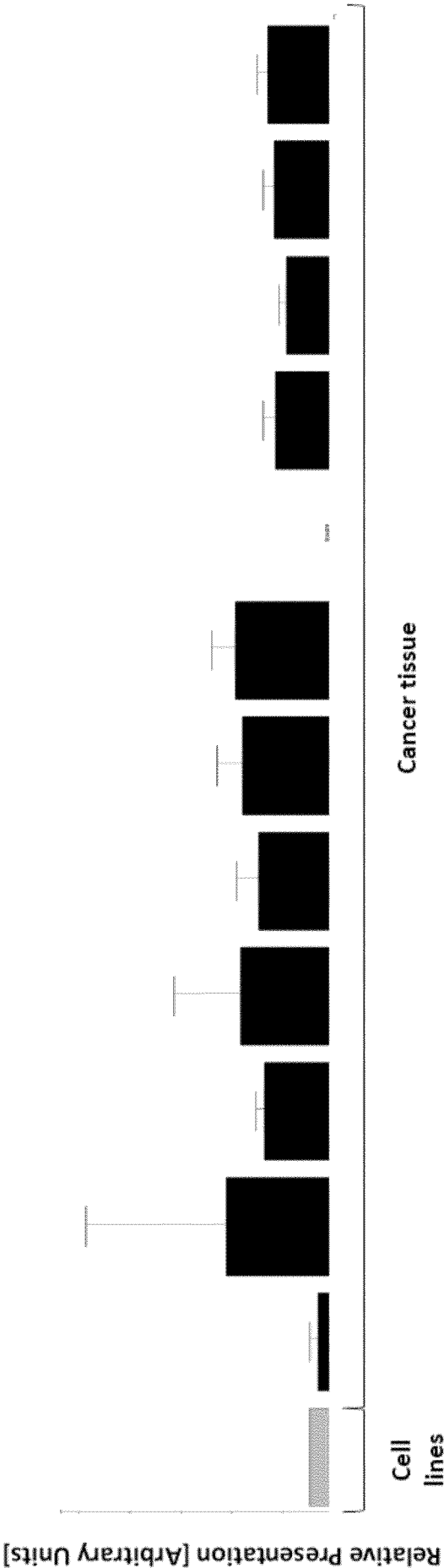
10/23

Figure 1J
Peptide: VLLSGLTEV (A*02)
SEQ ID NO: 59



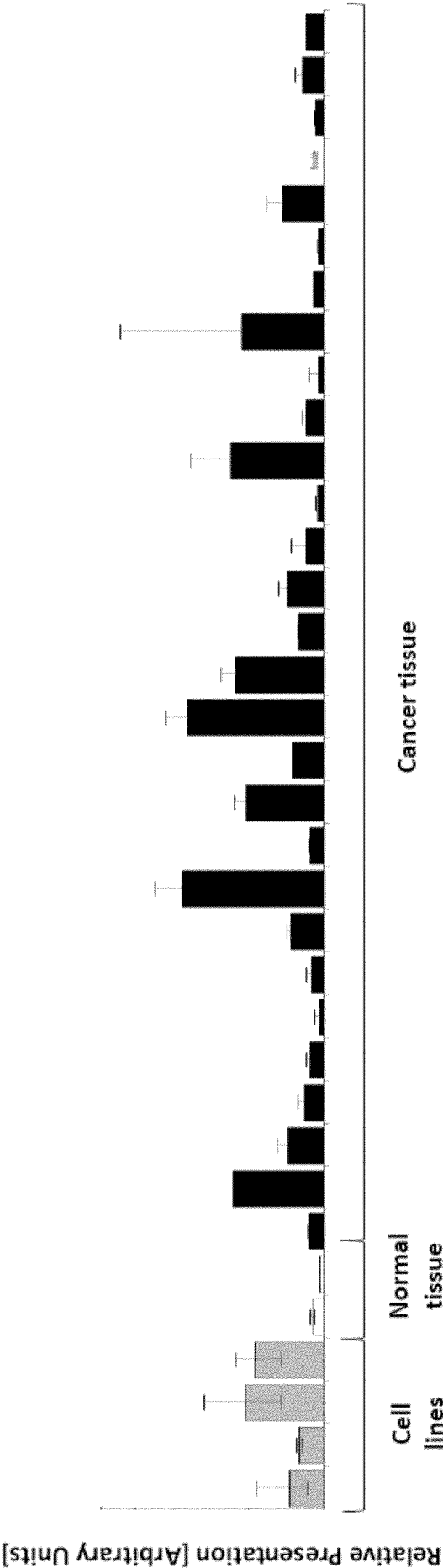
Peptide detected on
8 cancer tissues (1 leukocytic leukemia cancer, 4 brain cancers, 2 lung cancers, 1 rectum cancer) (from left to right)

Figure 1K
Peptide: KAIGSLKEV (A*02)
SEQ ID NO: 72



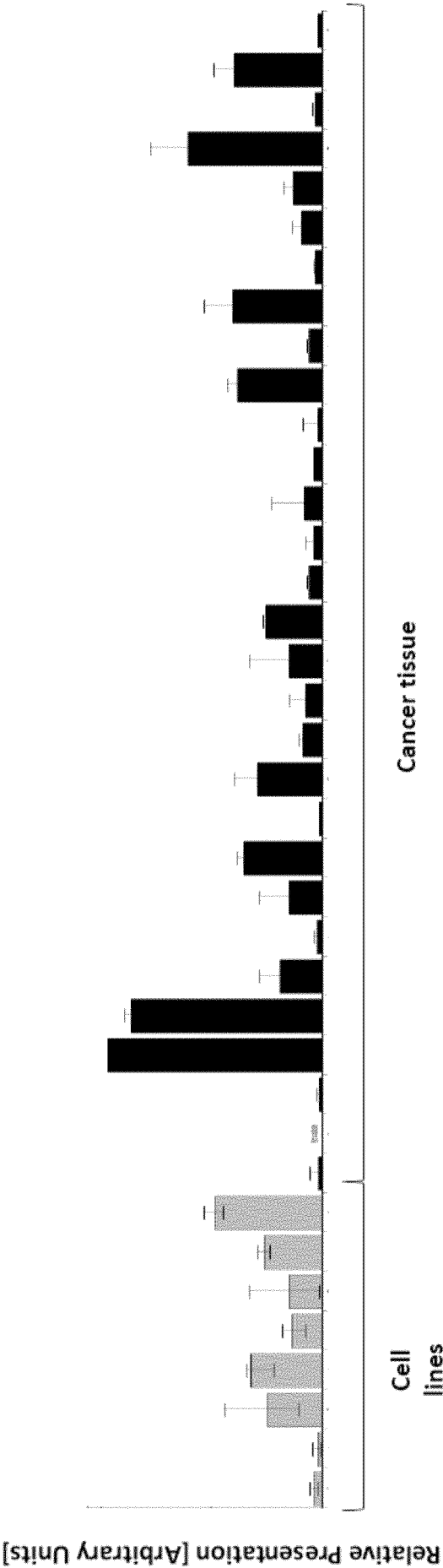
Peptide detected on
1 cell line (1 pancreas), 12 cancer tissues (1 esophageal cancer, 1 colon cancer, 1 rectum cancer, 5 lung cancers, 2 ovarian cancers,
1 stomach cancer, 1 uterus cancer) (from left to right)

Figure 1L
Peptide: RLLEPAQVQQL (A*02)
SEQ ID NO: 79



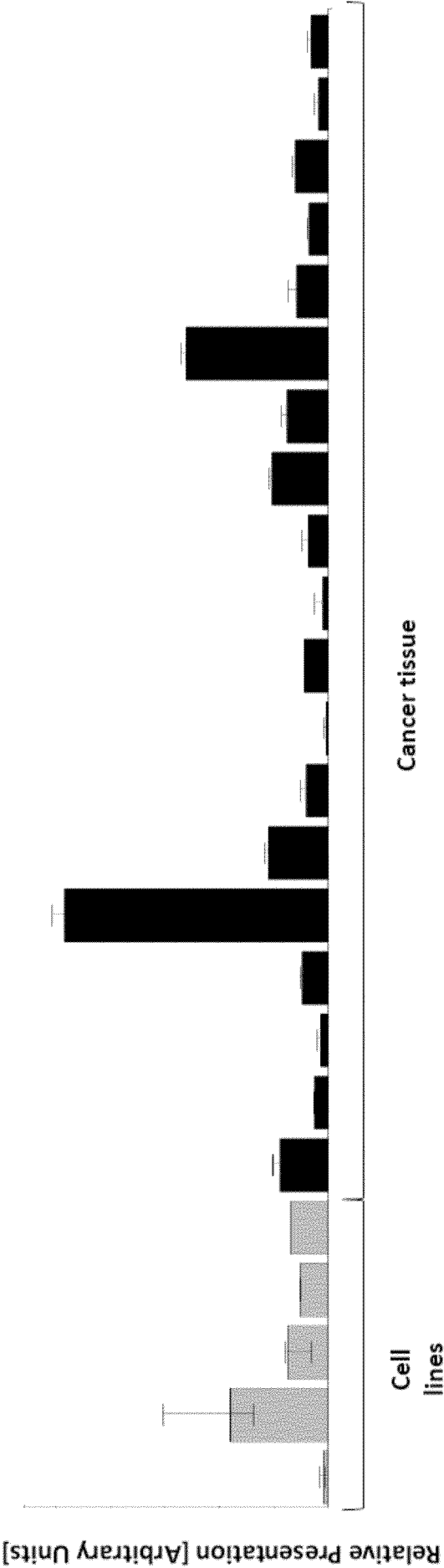
Peptide detected on
4 cell lines (1 blood cells, 2 pancreas, 1 skin), 2 normal tissues (1 colon, 1 spleen), 29 cancer tissues (2 brain cancers, 1 breast cancer, 2 esophageal cancers, 1 head-and-neck cancer, 1 rectum cancer, 1 liver cancer, 8 lung cancers, 4 lymph node cancers, 4 ovarian cancers, 1 skin cancer, 2 urinary bladder cancers, 2 uterus cancers) (from left to right)

Figure 1M
Peptide: LLAEIGAVTLV (A*02)
SEQ ID NO: 81



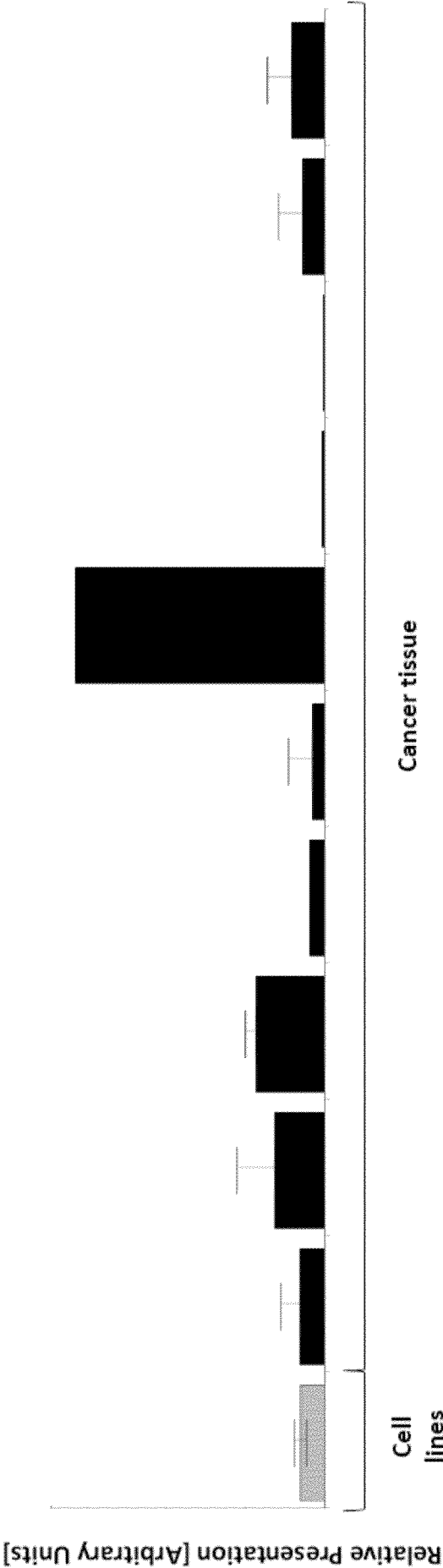
Peptide detected on
8 cell lines (5 blood cells, 1 pancreas, 2 skin), 30 cancer tissues (1 bile duct cancer, 1 myeloid cells cancer, 1 leukocytic leukemia cancer, 2 breast cancers, 2 head-and-neck cancers, 1 colon cancer, 2 liver cancers, 11 lung cancers, 1 lymph node cancer, 3 ovarian cancers, 1 prostate cancer, 2 skin cancers, 2 urinary bladder cancers) (from left to right)

Figure 1N
Peptide: FLPEAPAEI (A*02)
SEQ ID NO: 111



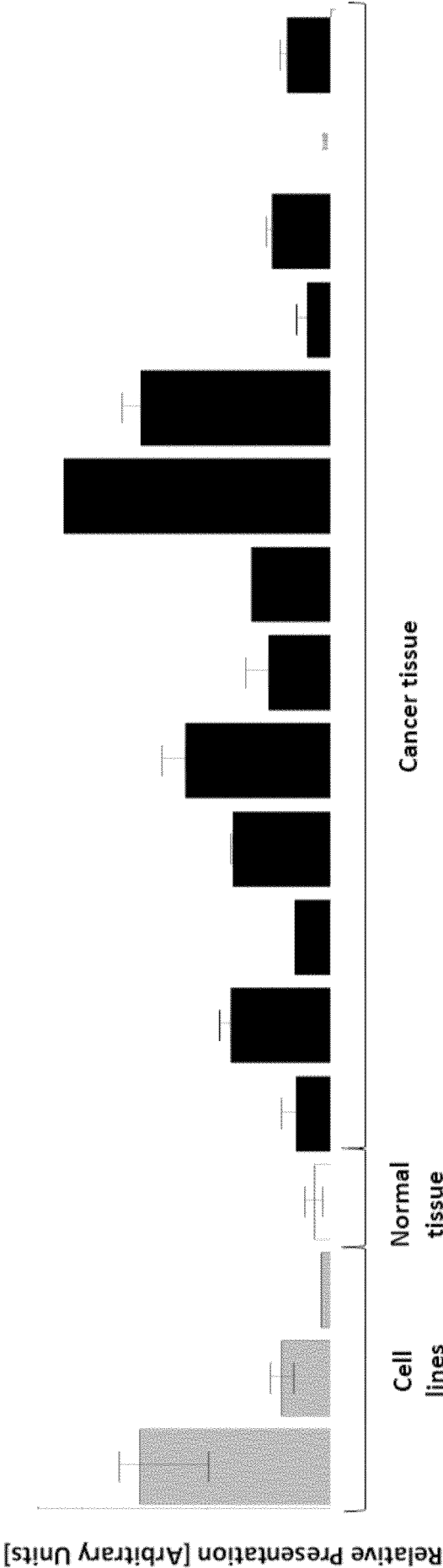
Peptide detected on
5 cell lines (5 blood cells), 19 cancer tissues (5 leukocytic leukemia cancers, 1 myeloid cells cancer, 1 bone marrow cancer, 1 gallbladder cancer, 1 lung cancer, 8 lymph node cancers, 1 stomach cancer, 1 uterus cancer) (from left to right)

Figure 10
Peptide: LLLPGVIKTV (A*02)
SEQ ID NO: 112



Peptide detected on
1 cell line (1 blood cells), 10 cancer tissues (1 leukocytic leukemia cancer, 1 colon cancer, 4 lung cancers, 3 ovarian cancers, 1 urinary bladder cancer) (from left to right)

Figure 1P
Peptide: SLIDDDNNEINL (A*02)
SEQ ID NO: 119



Peptide detected on
3 cell lines (3 blood cells), 1 normal tissue (1 trachea), 13 cancer tissues (3 brain cancers, 2 lung cancers, 2 lymph node cancers, 3 ovarian cancers, 1 prostate cancer, 2 uterus cancers) (from left to right)

Figure 2A
Gene: MEX3A
Peptide: GLEDERALQL
SEQ ID NO: 42

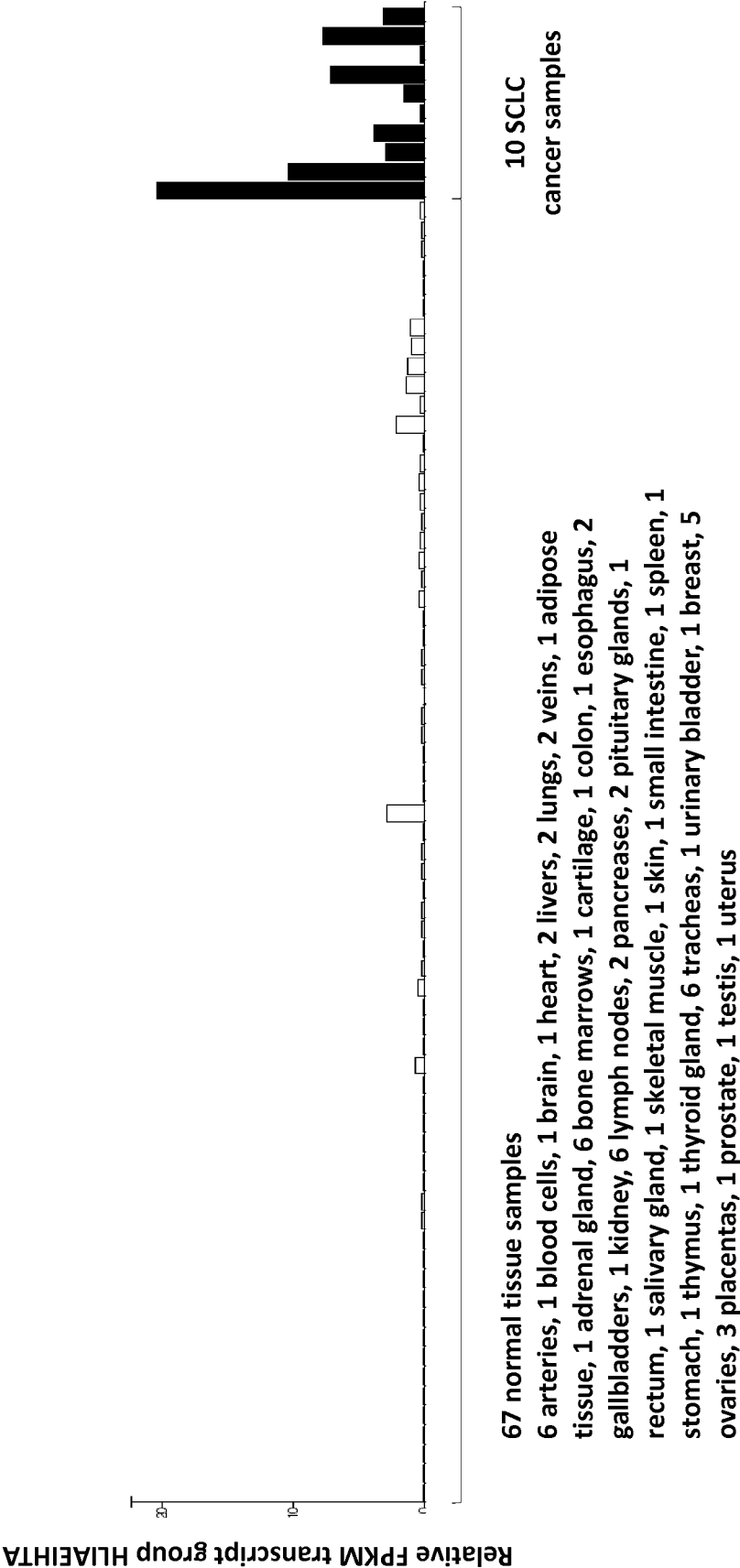


Figure 2B
Gene: ECT2
Peptide: KAIGSLKEV
SEQ ID NO: 72

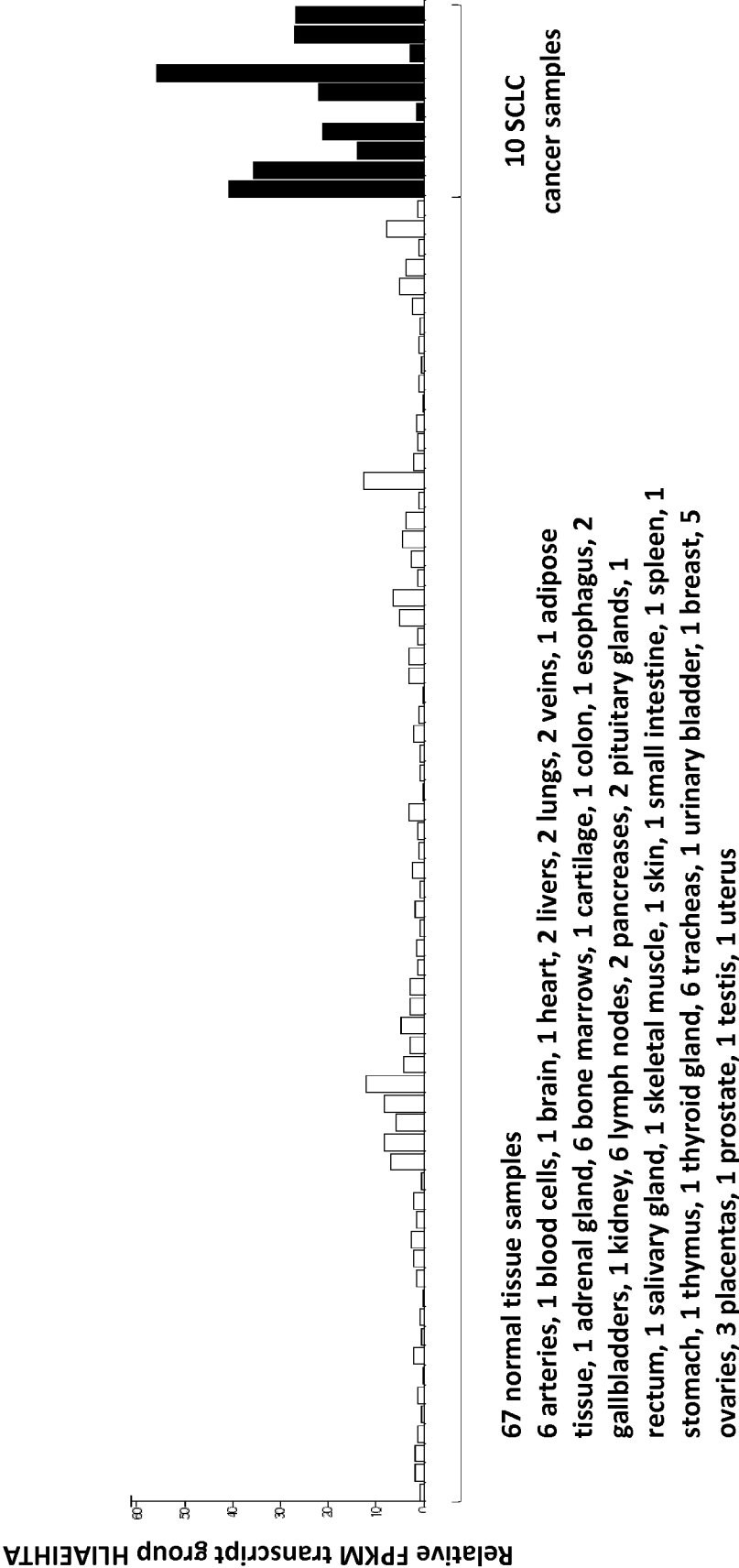


Figure 2C
Gene: CCNE2
Peptide: TLHRETFYL
SEQ ID NO: 88

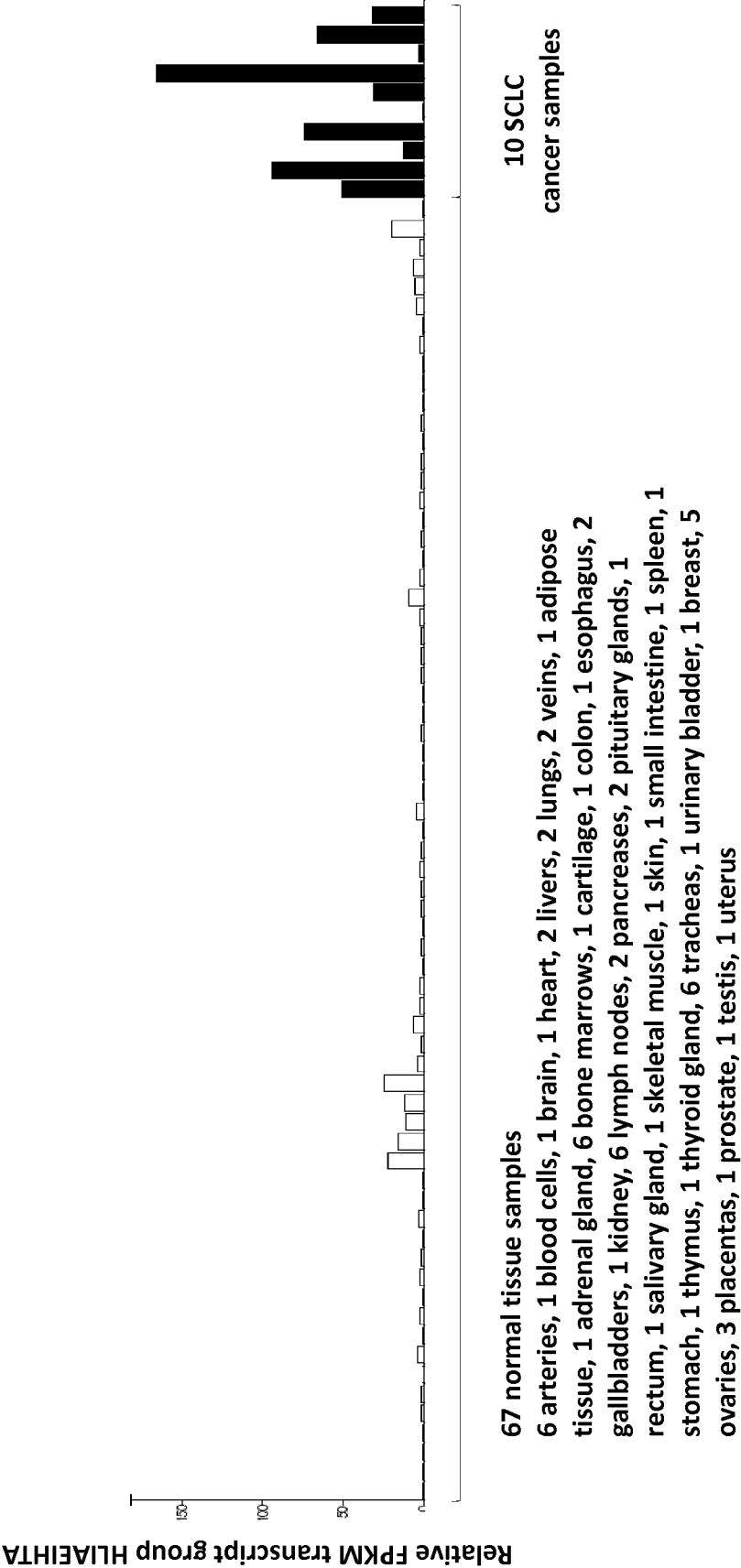


Figure 2D

Gene: TIMELESS
Peptide: KAYQELLATV
SEQ ID NO: 41

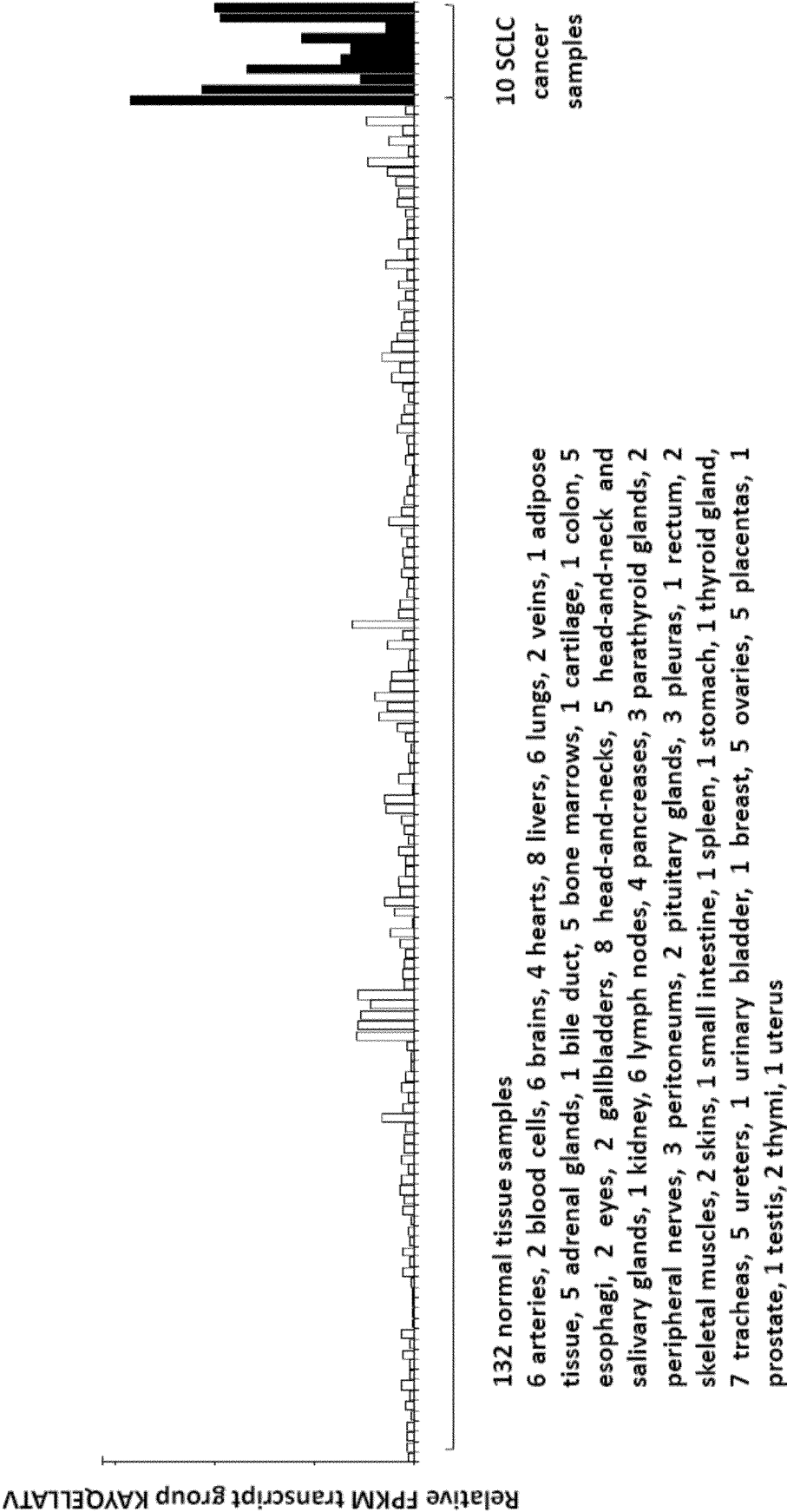
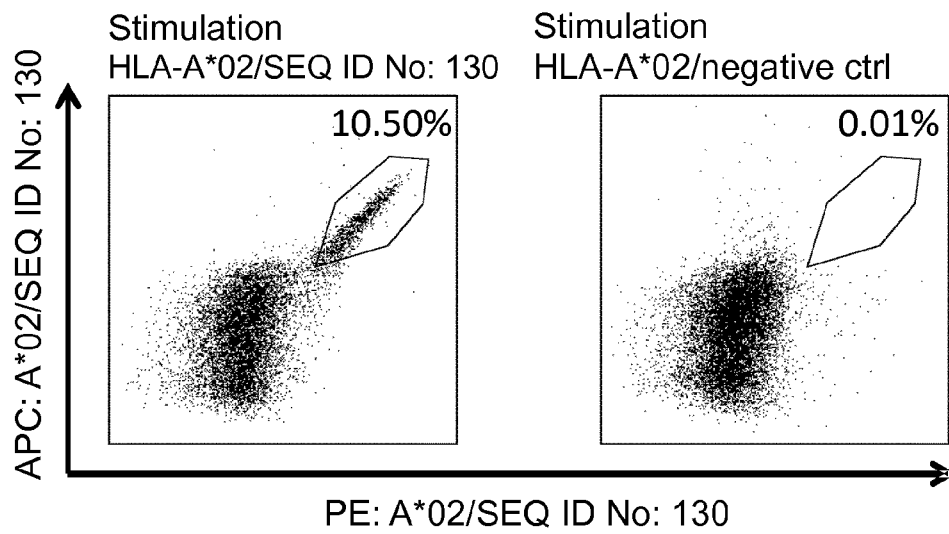


Figure 3

A



B

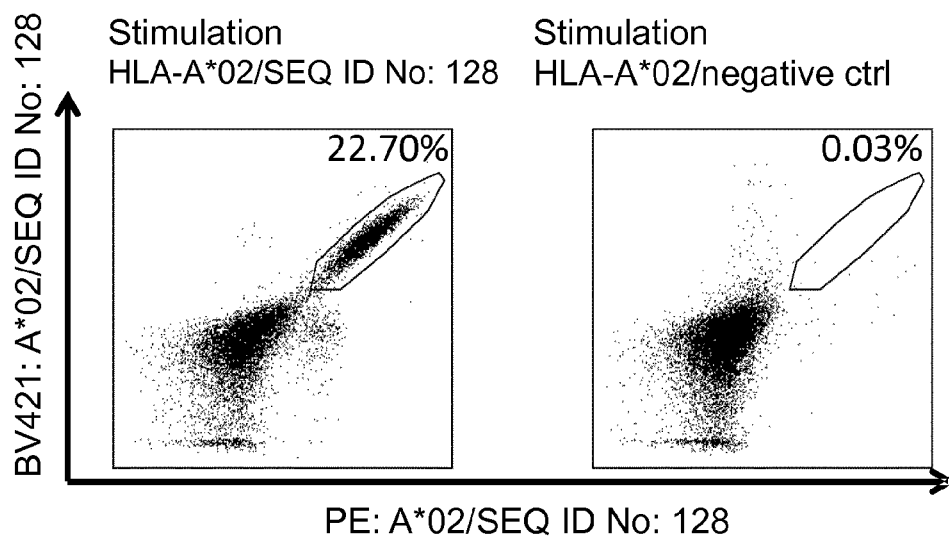


Figure 4

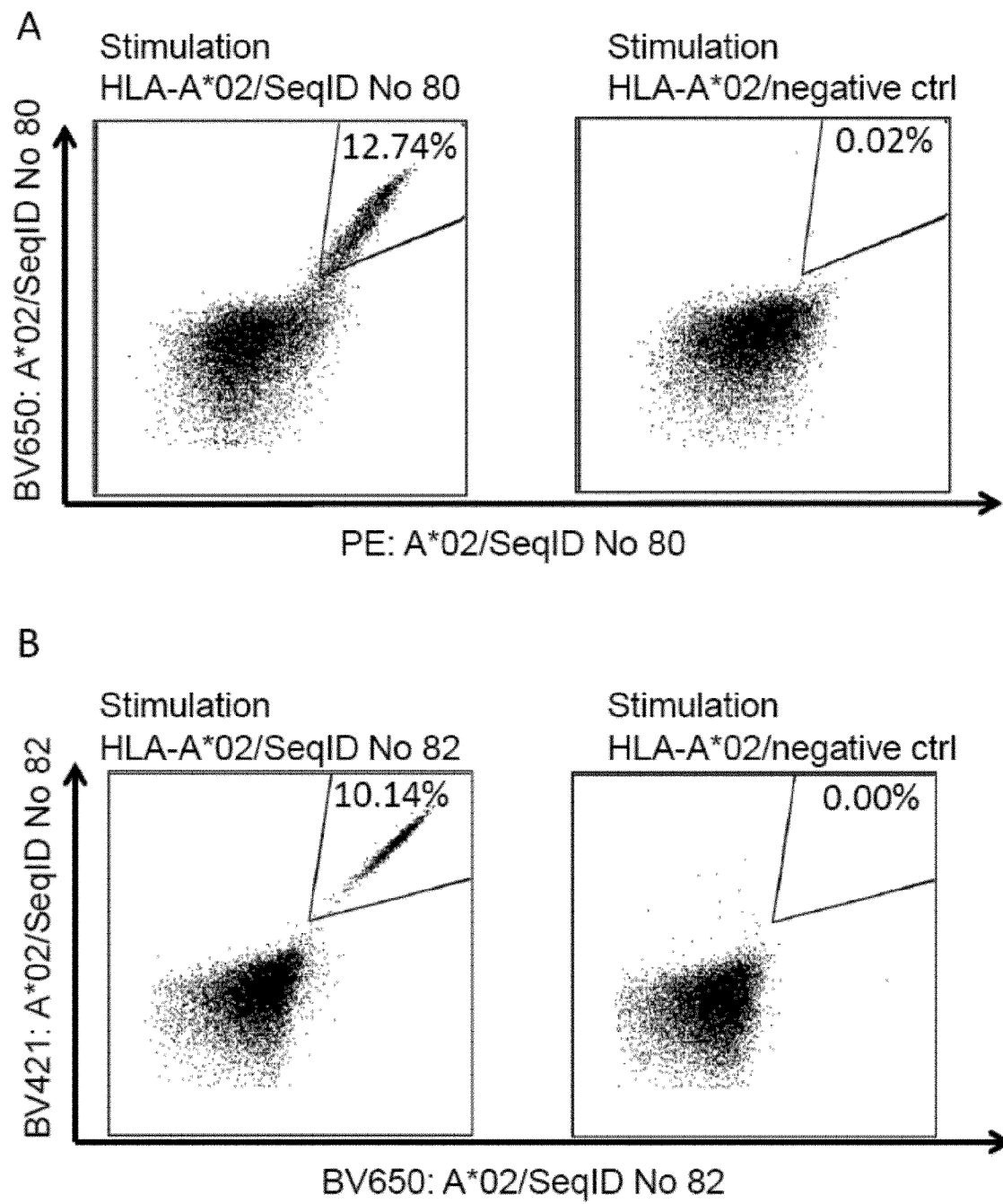


Figure 4 (continued)

