

Figure 1A

Peptide: VLVSDGVHSV (A*02)
Seq ID No: 6

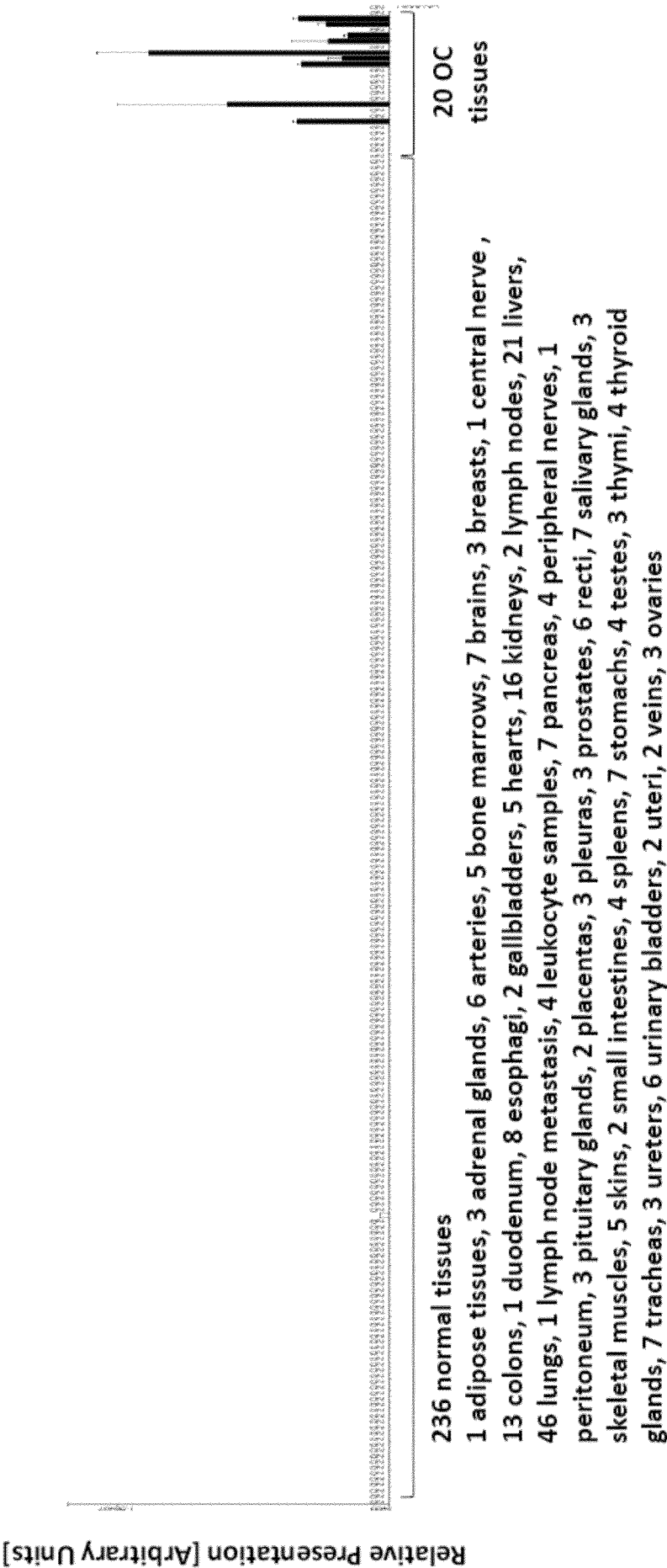


Figure 1B

Peptide: SLMEPPAVLLL (A*02)
Seq ID No: 1

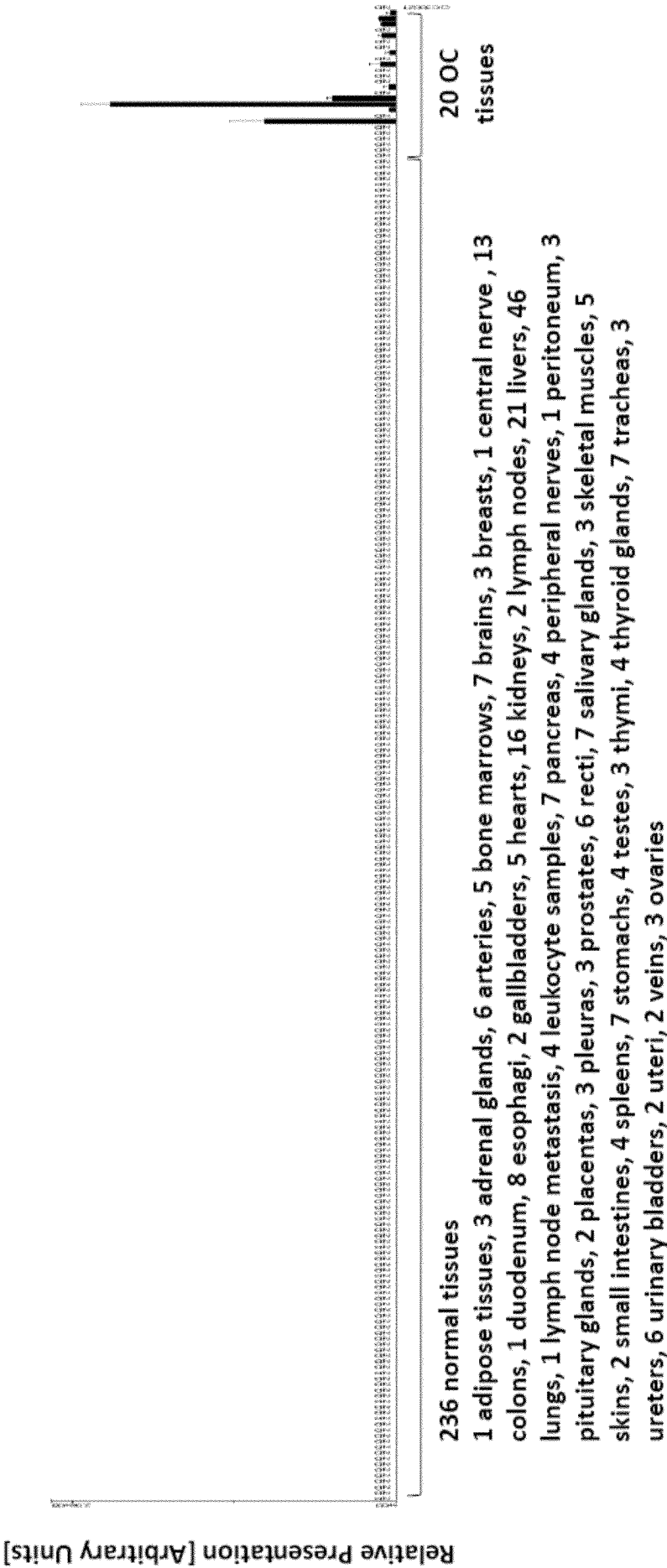


Figure 1C

Peptide: ALLPLSPYL (A*02)
Seq ID No: 427

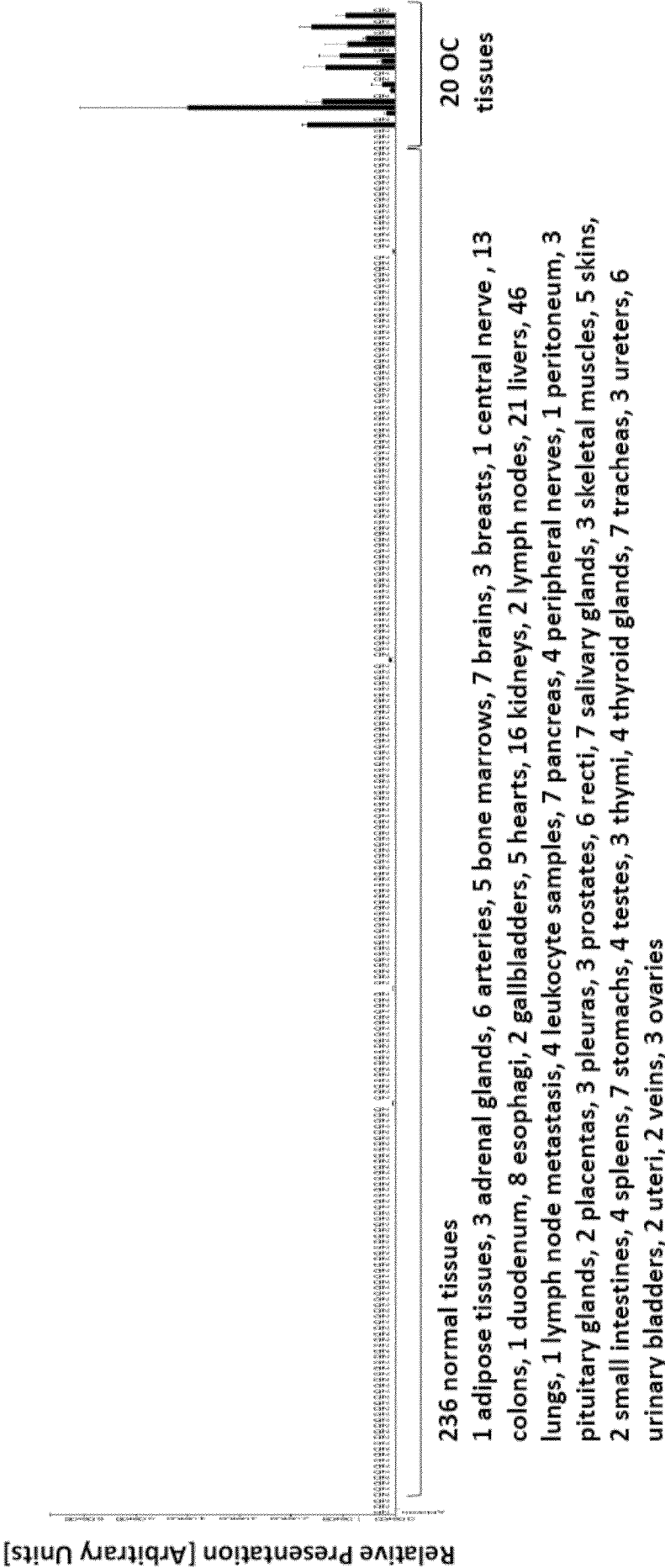
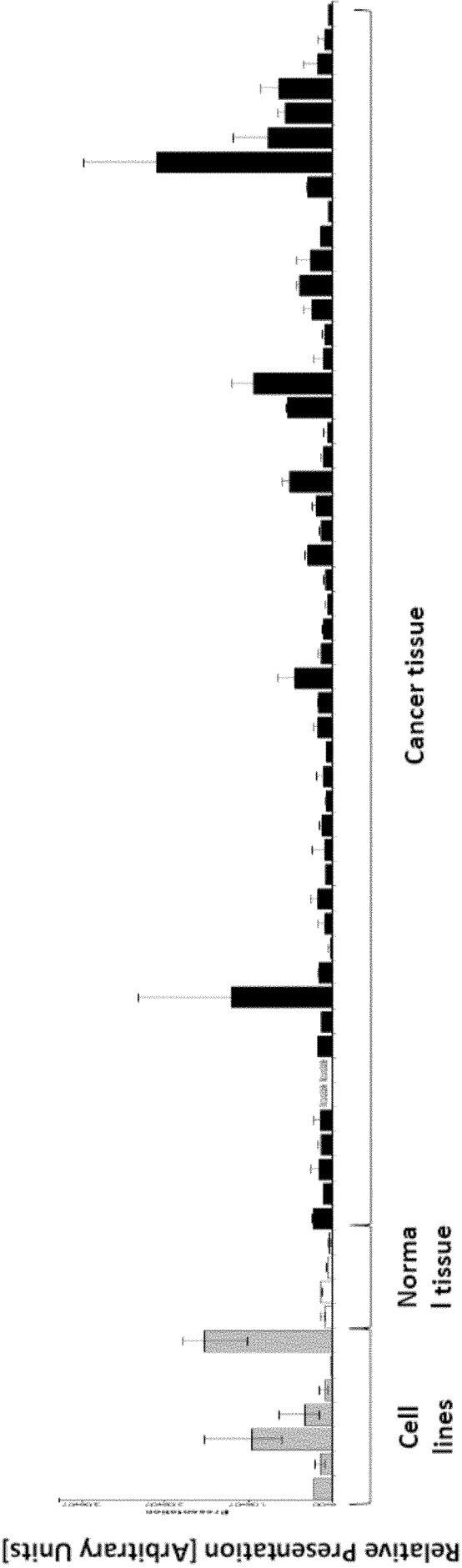


Figure 1D

Peptide: FLDTLKDLI (A*02)
Seq ID No: 58



Peptide detected on

6 cell lines (1 lymphocytic, 1 kidney, 1 pancreatic, 2 PBMCs, K562-A2), 4 normal tissues (2 bone marrows, 2 spleens), 49 cancer tissues (1 breast cancer, 3 colon cancers, 2 esophageal cancers, 1 gallbladder cancer, 2 leukemias, 3 liver cancers, 21 lung cancers, 7 ovarian cancers, 23 rectum cancers, 1 skin cancer, 4 stomach cancers, 1 testis cancer, 1 urinary bladder cancer) (from left to right)

Figure 1E

Peptide: VLVSDGVHSV (A*02)
Seq ID No: 6

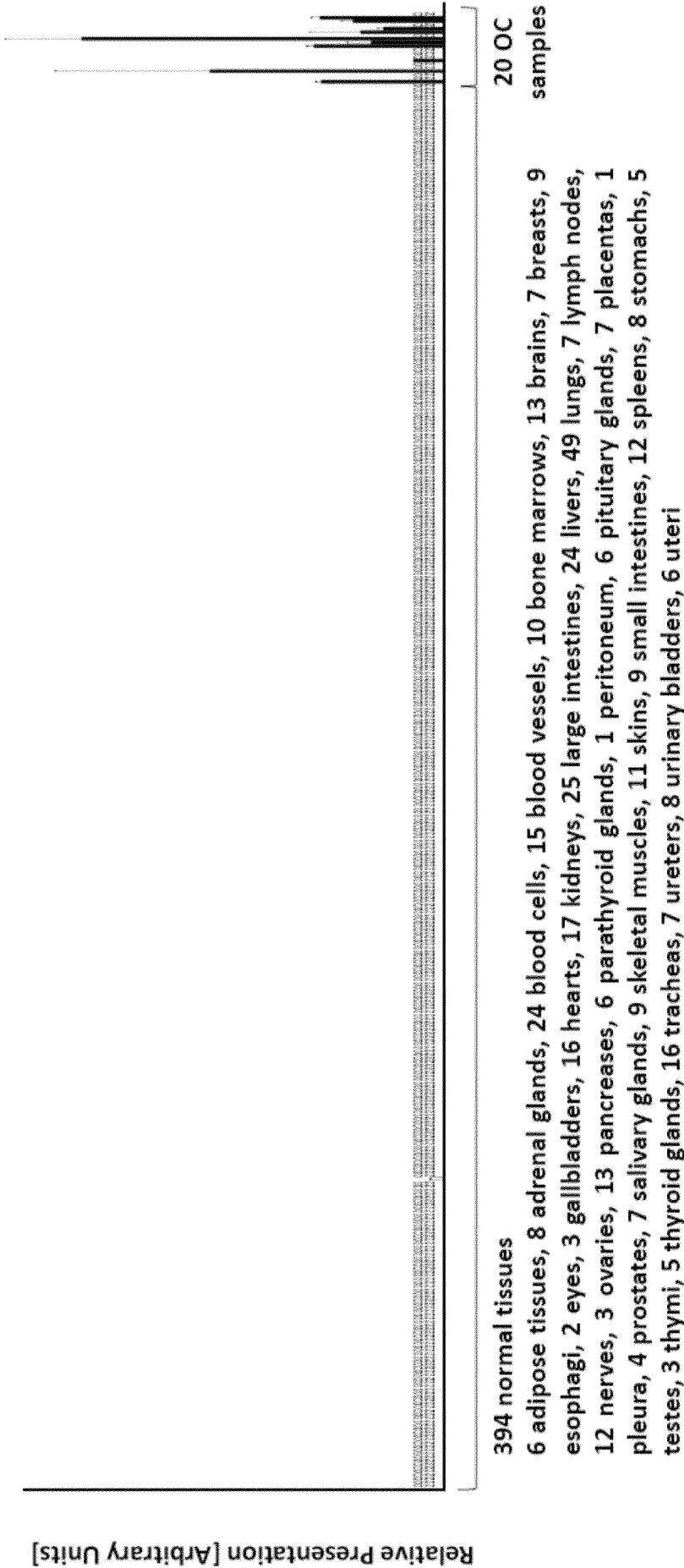


Figure 1F

Peptide: LLLDITPEI (A*02)
Seq ID No: 143

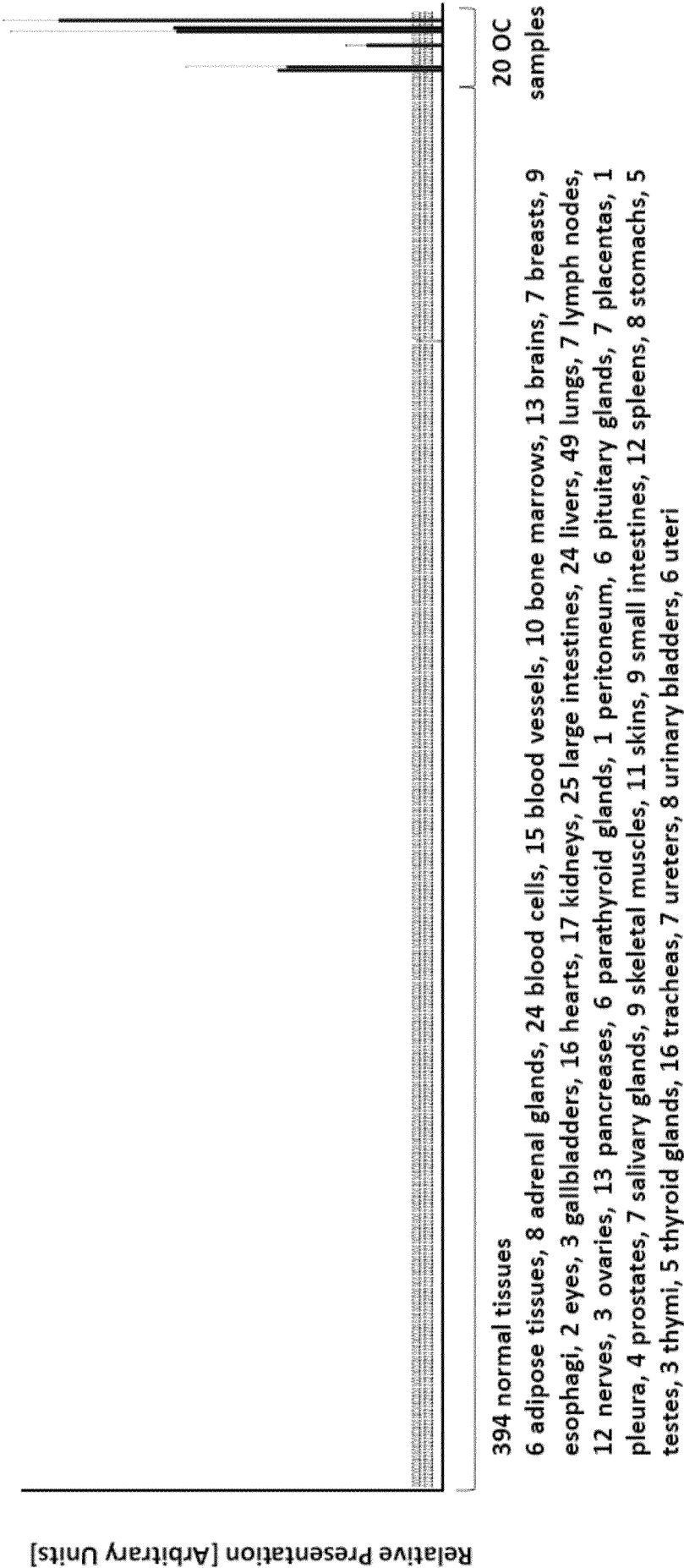


Figure 1G

Peptide: RLWEEGEELEL (A*02)
Seq ID No: 150

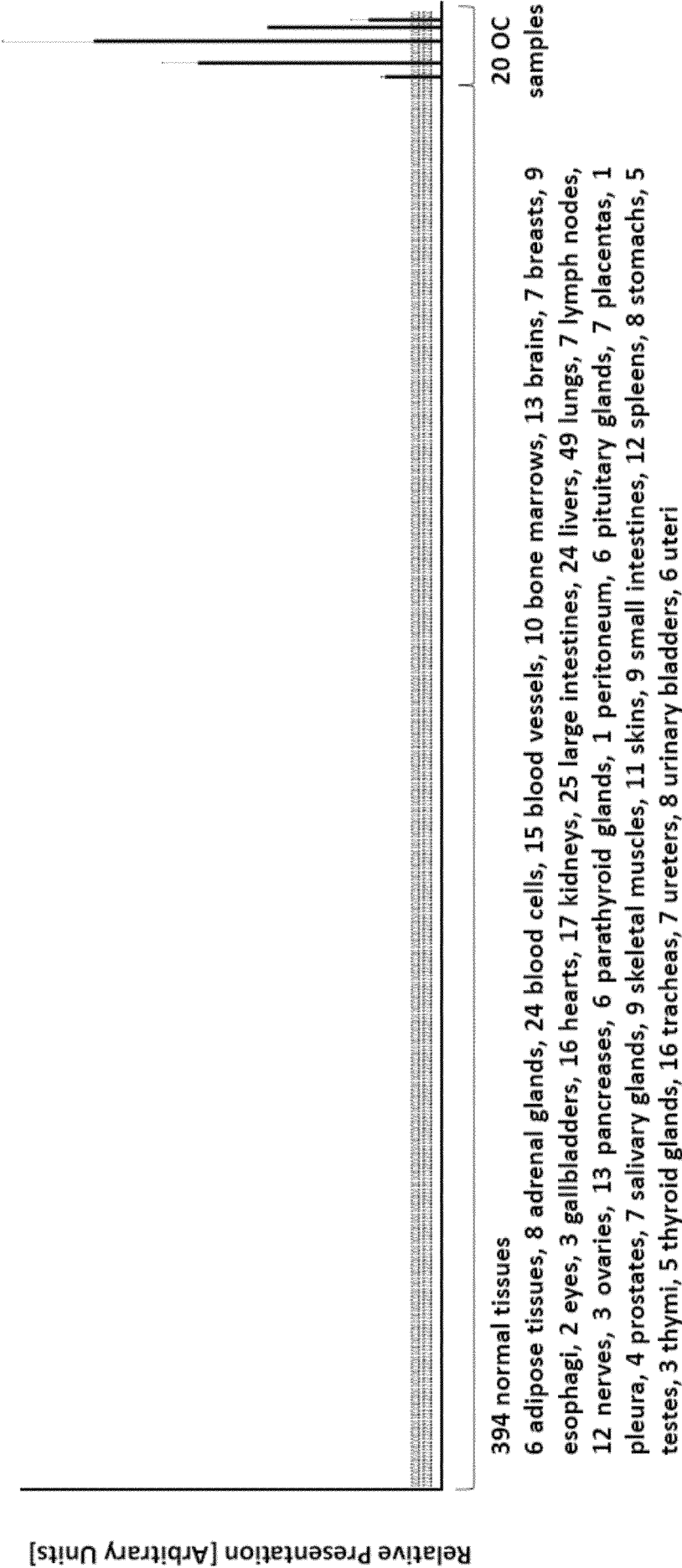


Figure 1H

Peptide: SLNDEVPEV (A*02)
Seq ID No: 157

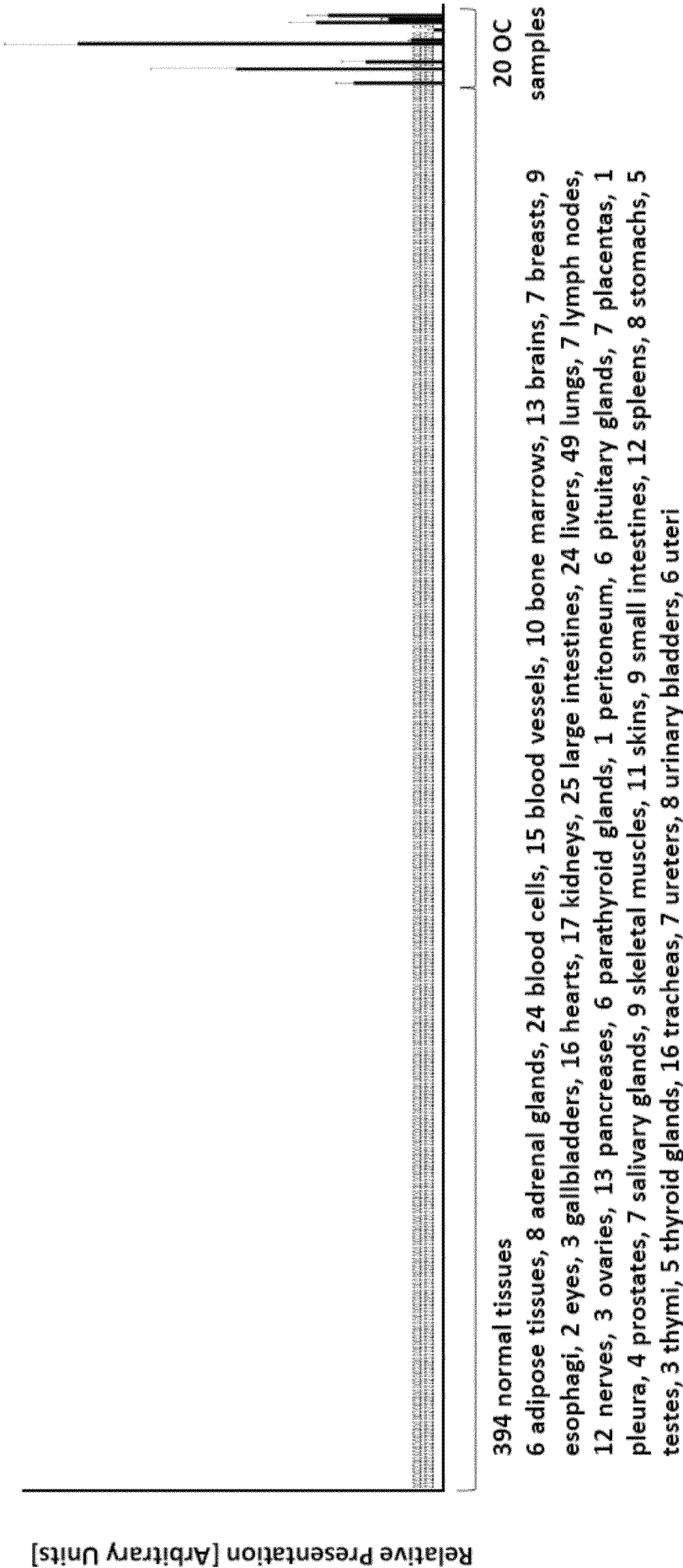


Figure 1I

Peptide: ALLPLSPYL (A*02)
Seq ID No: 427

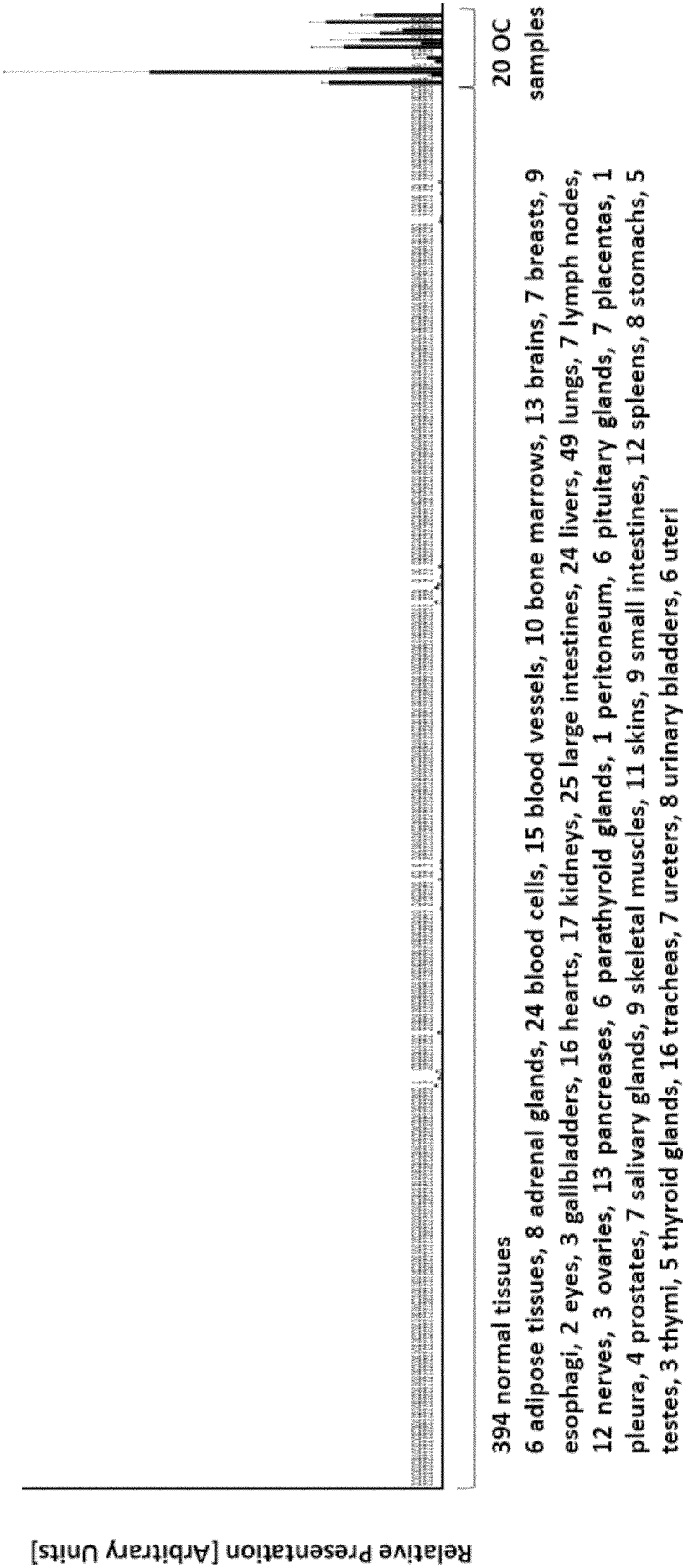


Figure 1J

Peptide: GLLRDEALAEV (A*02)
Seq ID No: 444

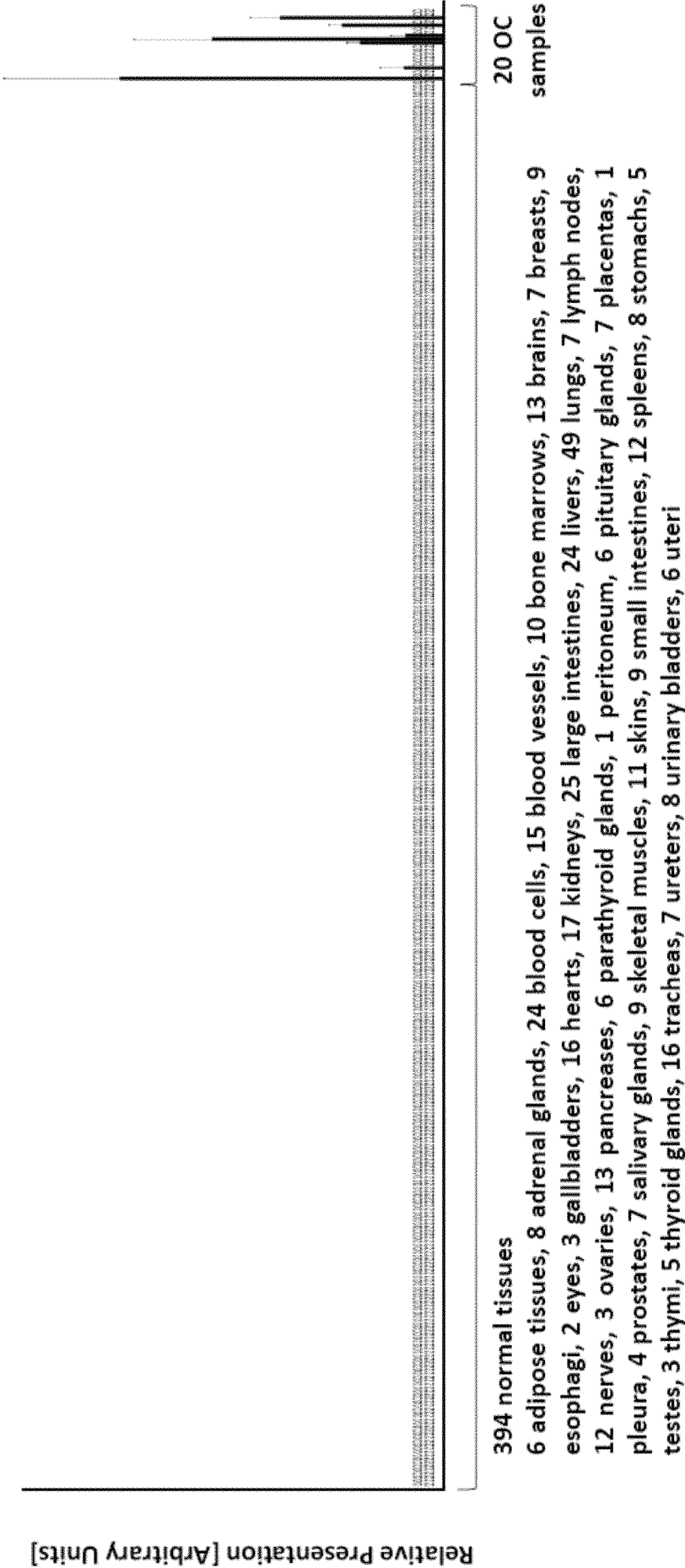


Figure 1K

Peptide: KLAEGLDIQL (A*02)
Seq ID No: 449

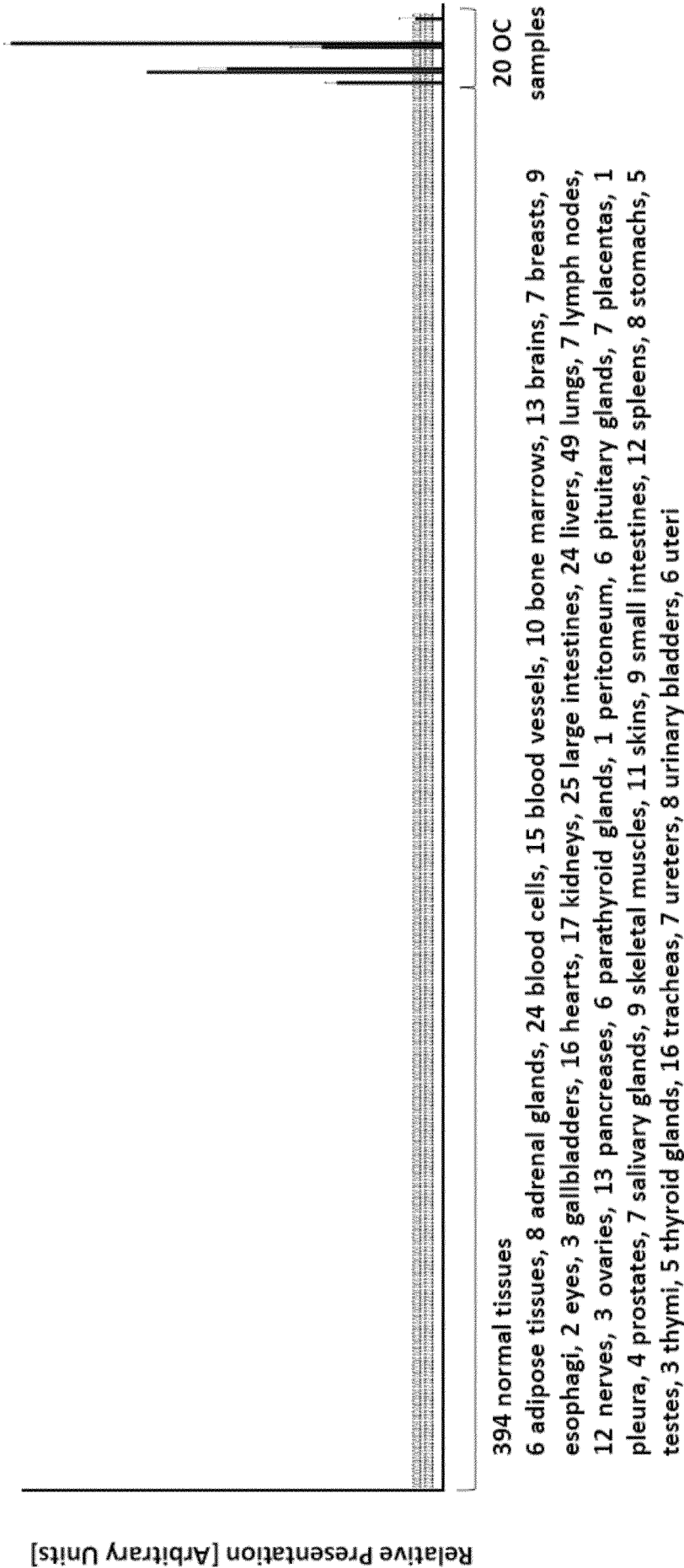


Figure 1L
Peptide: SLMEPPAVLLL (A*02)
Seq ID No: 1

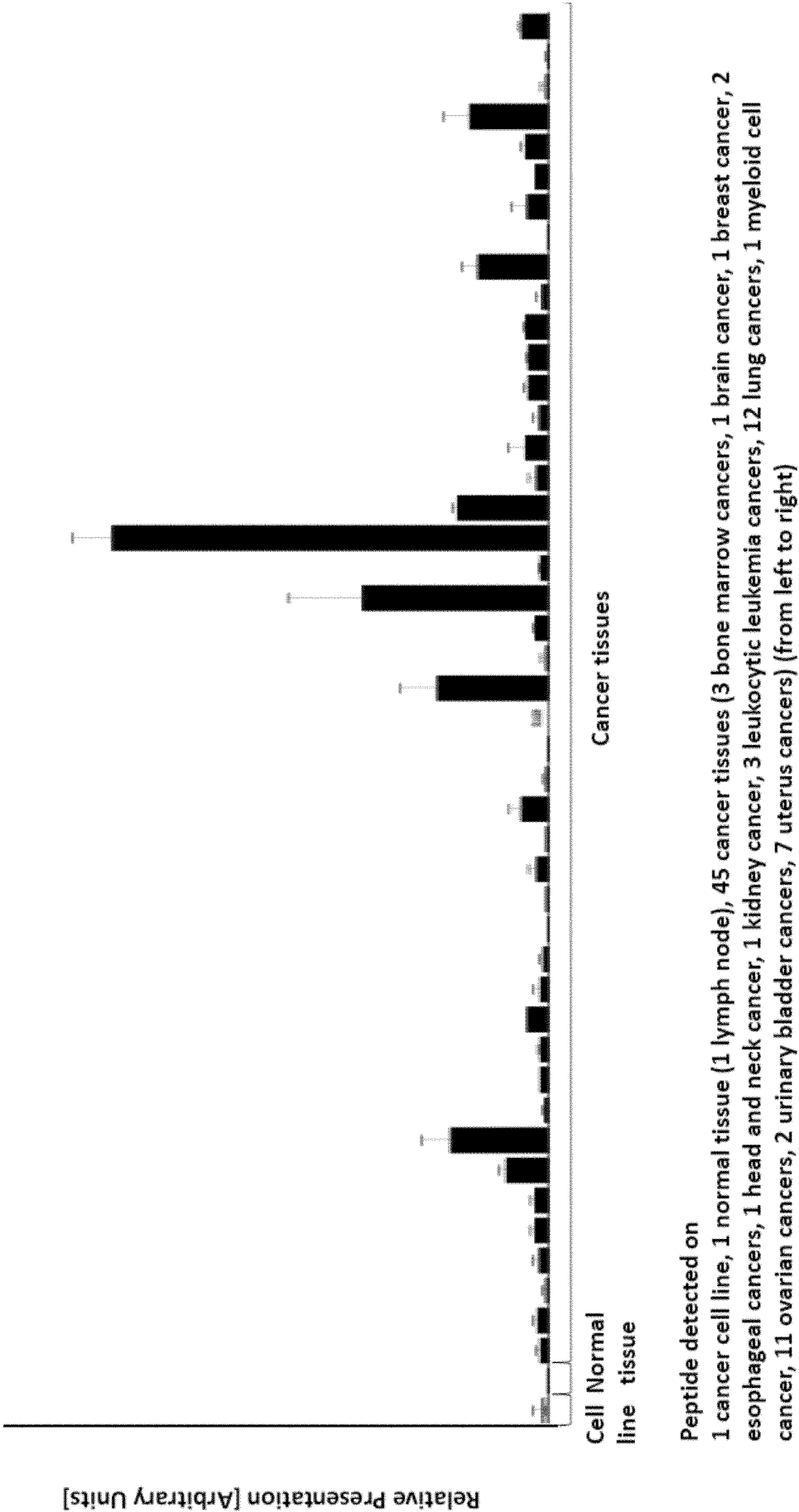
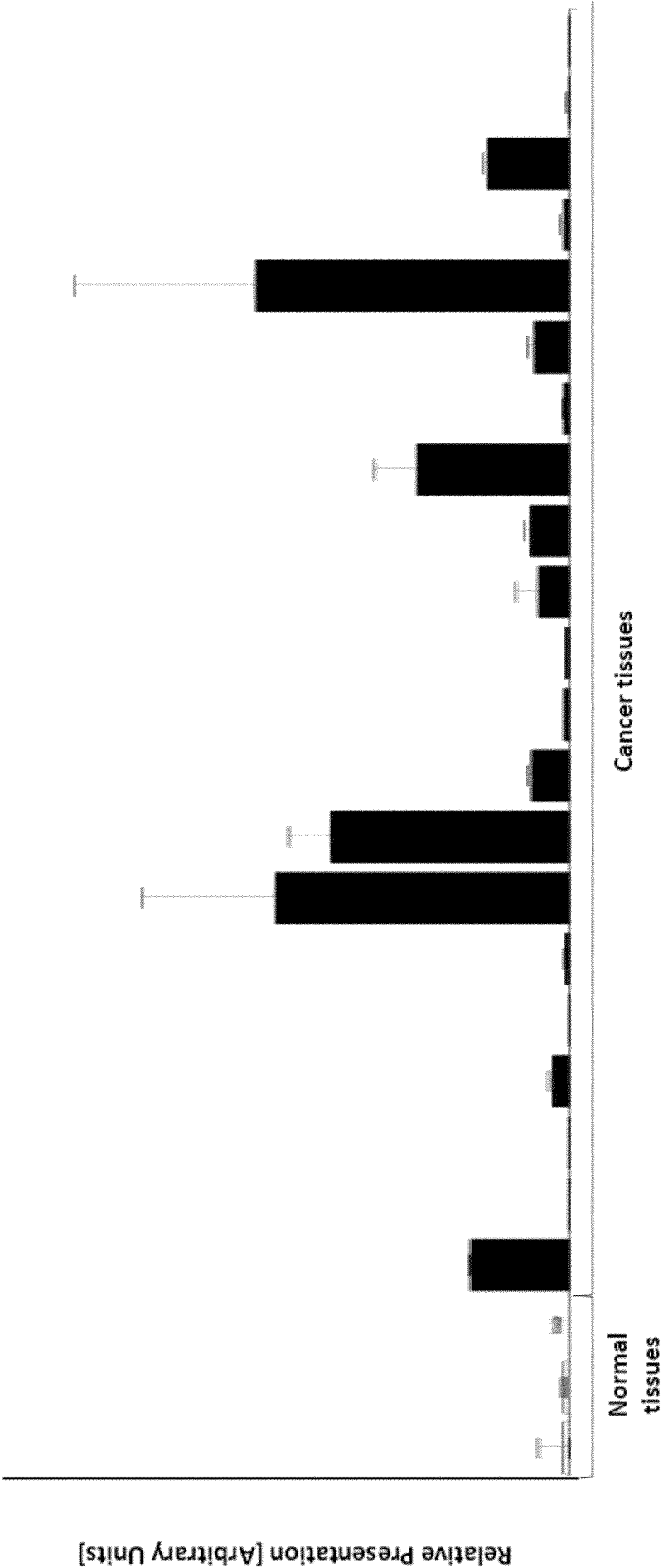


Figure 1M
Peptide: KIFEMLEGV (A*02)
Seq ID No: 11



Peptide detected on
3 normal tissues (1 brain, 1 lung, 1 ureter), 21 cancer tissues (1 bile duct cancer, 1 esophageal cancer, 1 liver cancer, 10 lung cancers, 1 lymph node cancer, 5 ovarian cancers, 2 uterus cancers) (from left to right)

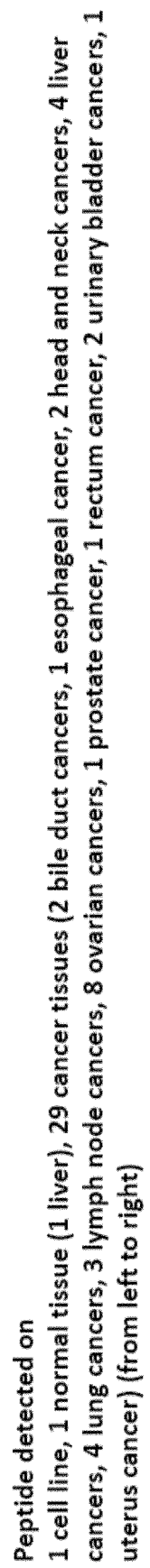


Figure 10
Peptide: FLLEDDIHVS (A*02)
Seq ID No: 38

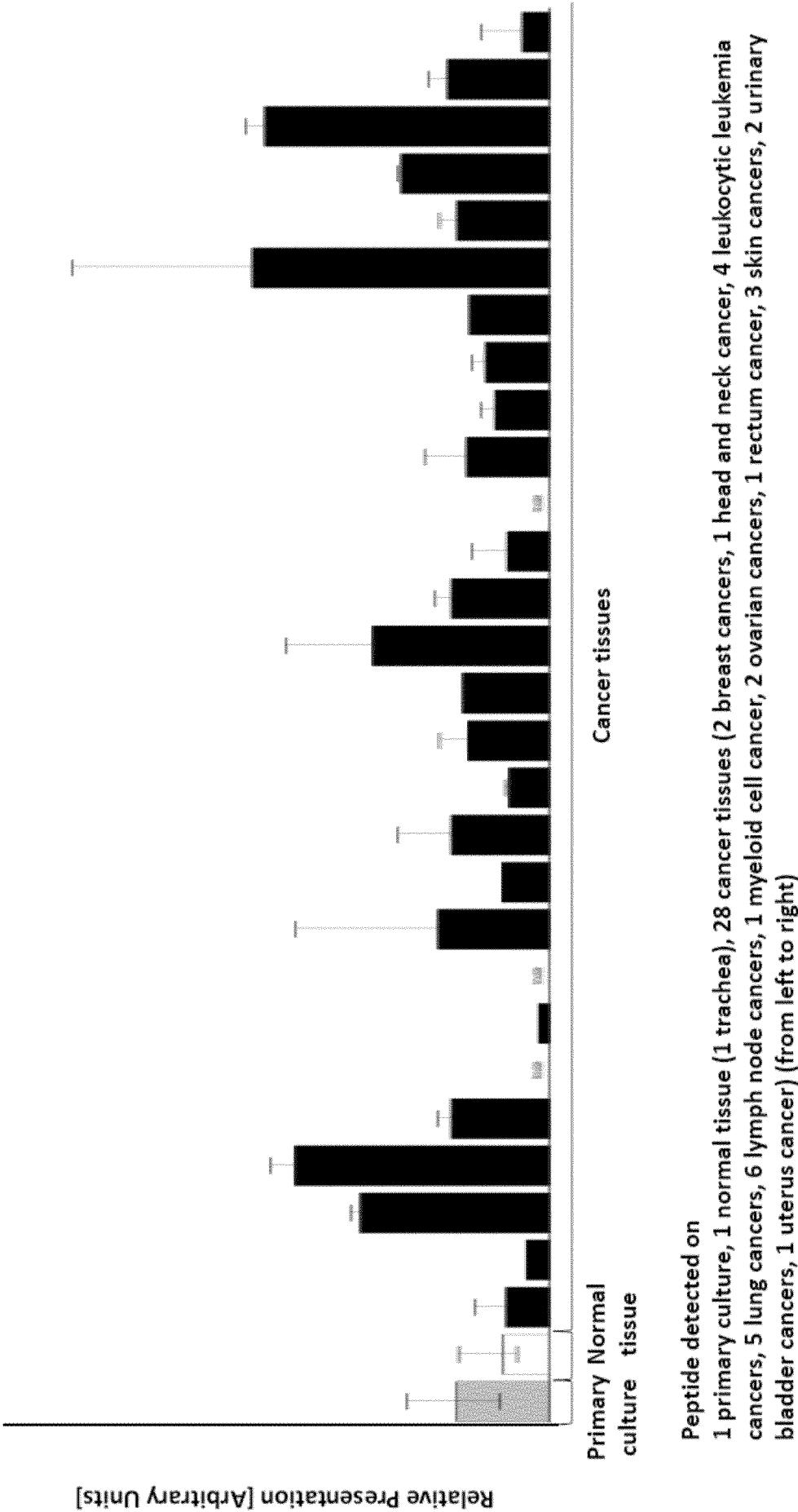
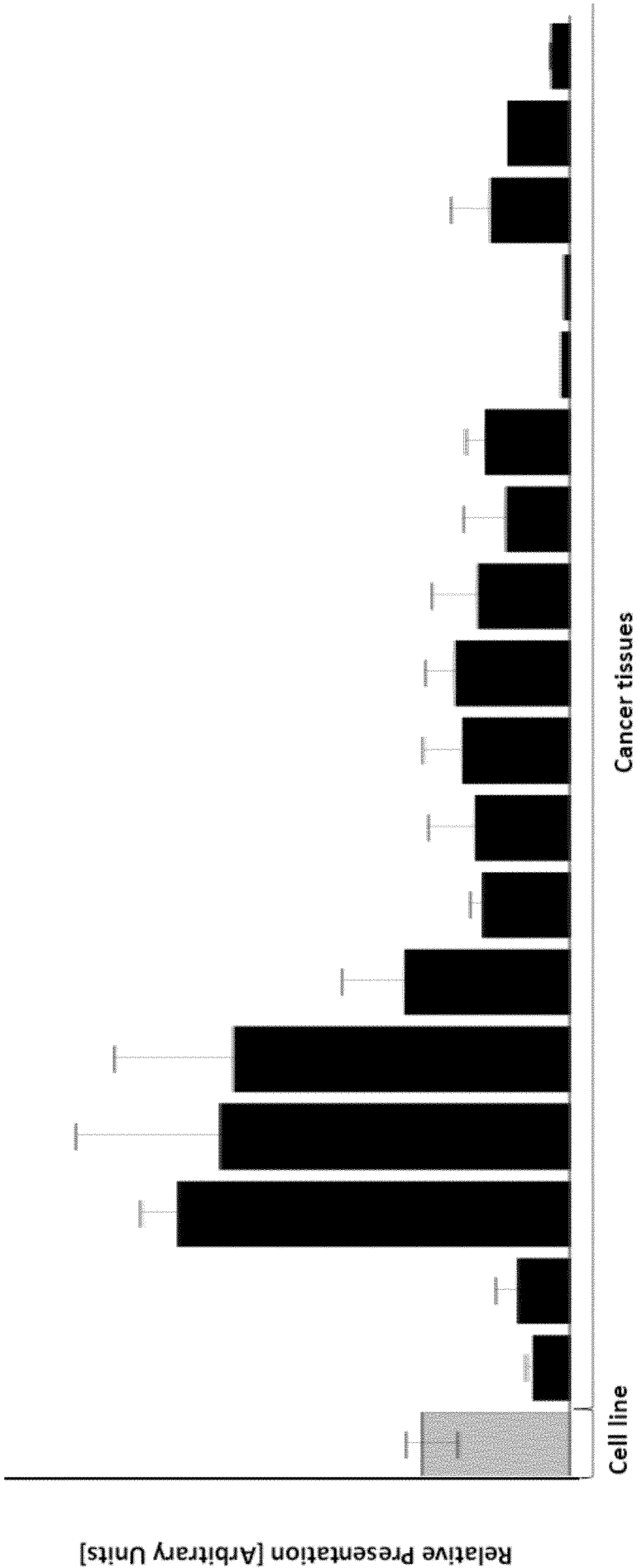
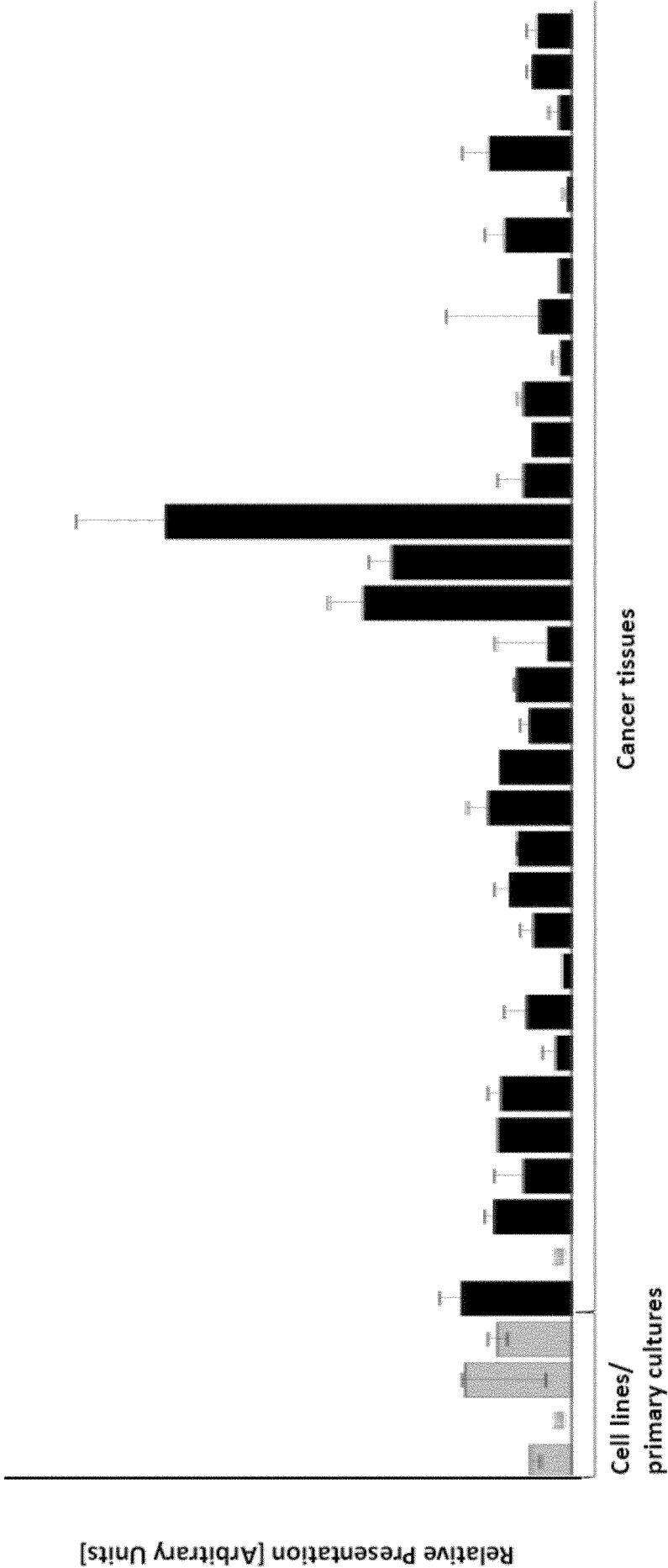


Figure 1P
Peptide: SLLEQGKEPWMV (A*02)
Seq ID No: 54



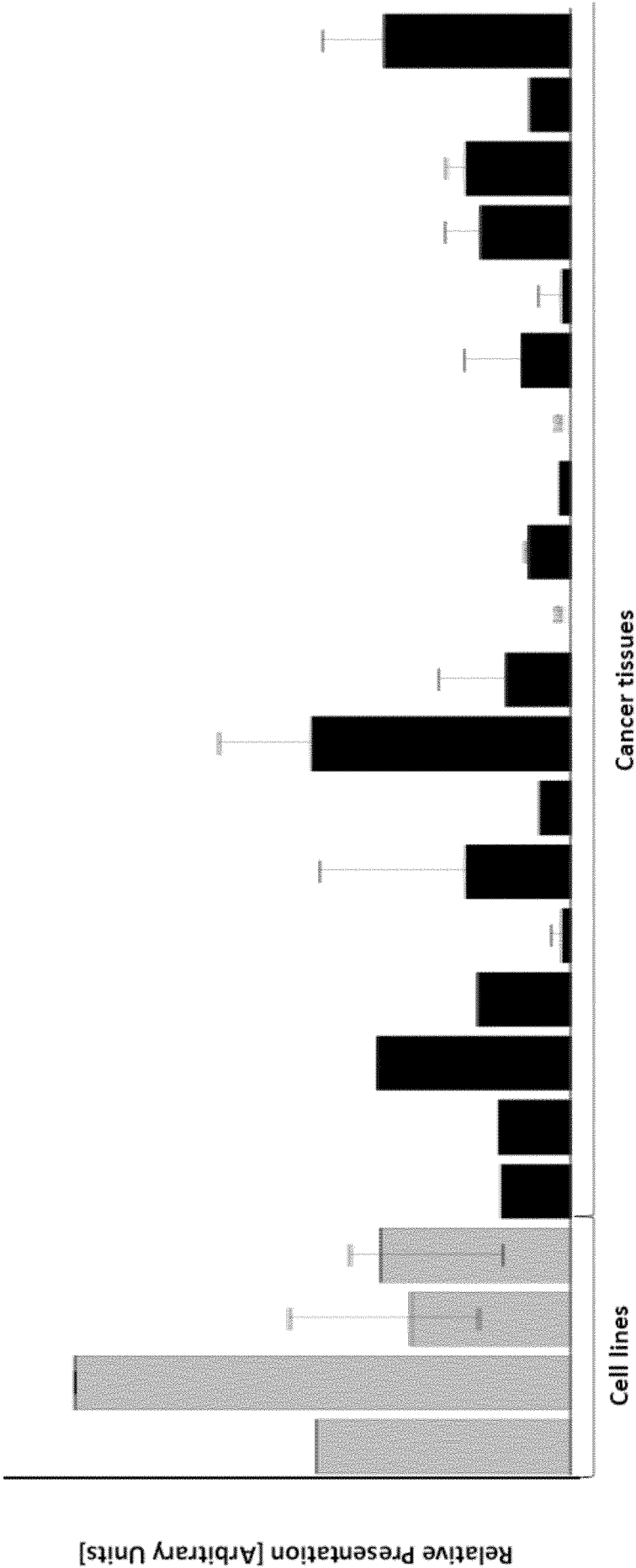
Peptide detected on
1 cell line, 18 cancer tissues (2 brain cancers, 1 breast cancer, 1 gallbladder cancer, 1 leukocytic leukemia cancer, 2 liver cancers, 7 lung cancers, 1 lymph node cancer, 2 ovarian cancers, 1 urinary bladder cancer) (from left to right)

Figure 1Q
Peptide: TLAELQPPVQL (A*02)
Seq ID No: 57



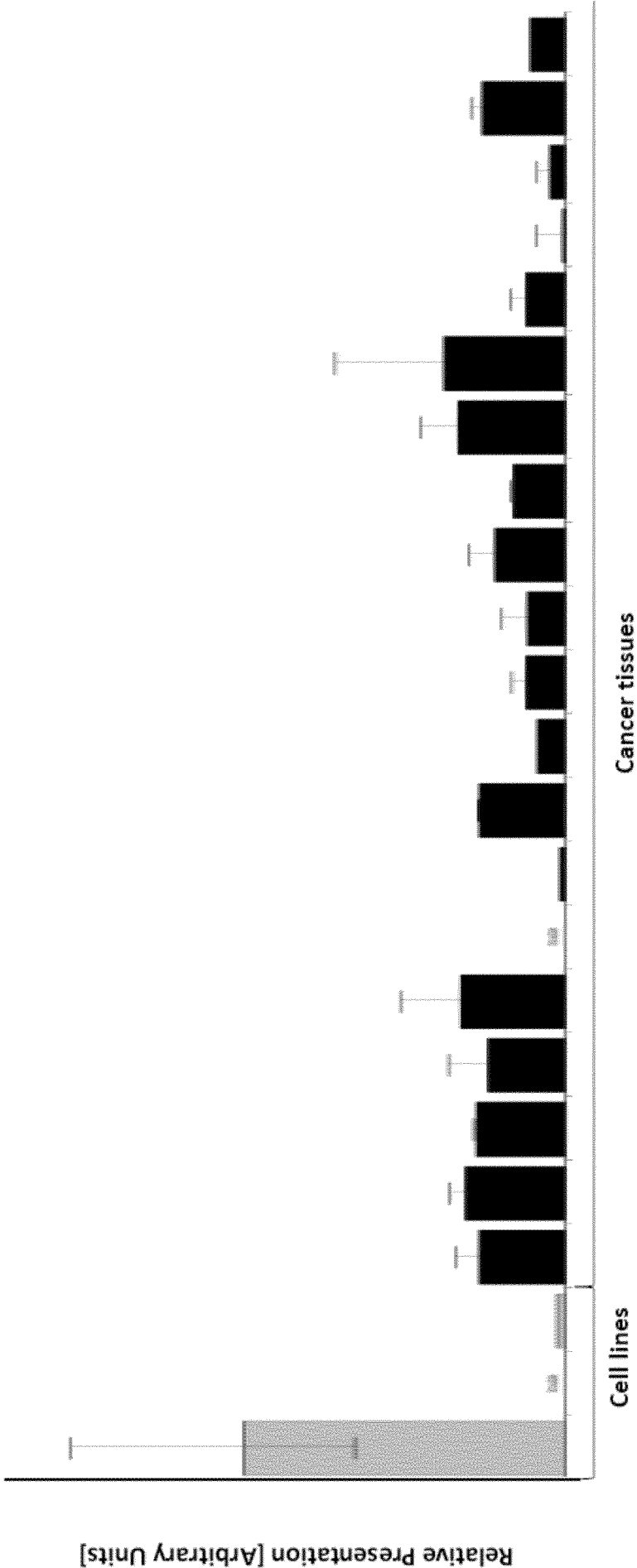
Peptide detected on
4 cell lines and primary cultures, 32 cancer tissues (1 bile duct cancer, 1 brain cancer, 2 esophageal cancers, 3 head and neck cancers, 2 leukocytic leukemia cancers, 1 liver cancer, 9 lung cancers, 4 lymph node cancers, 5 ovarian cancers, 2 skin cancers, 1 urinary bladder cancer, 1 uterus cancer) (from left to right)

Figure 1R
Peptide: ILVEADGAWV (A*02)
SEQ ID NO: 77



Peptide detected on
4 cell lines, 19 cancer tissues (1 brain cancer, 2 breast cancers, 1 colon cancer, 1 leukocytic leukemia cancer, 4 lung cancers, 3 lymph node cancers, 3 ovarian cancers, 1 prostate cancer, 1 skin cancer, 1 urinary bladder cancer, 1 uterus cancer) (from left to right)

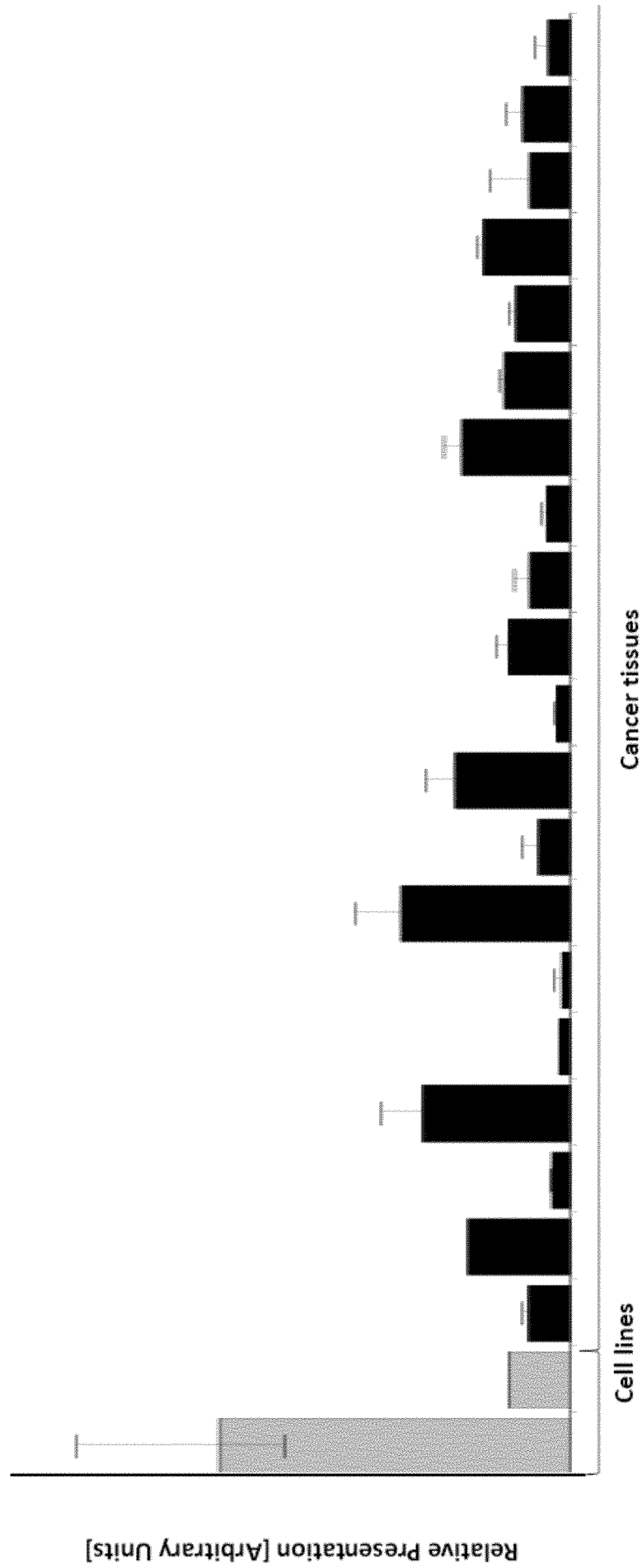
Figure 1S
Peptide: ALNPEIVSV (A*02)
SEQ ID NO: 148



Peptide detected on
3 cell lines, 20 cancer tissues (1 esophageal cancer, 2 head and neck cancers, 1 leukocytic leukemia cancer, 5 lung cancers, 3 lymph node cancers, 2 ovarian cancers, 2 skin cancers, 4 urinary bladder cancers) (from left to right)

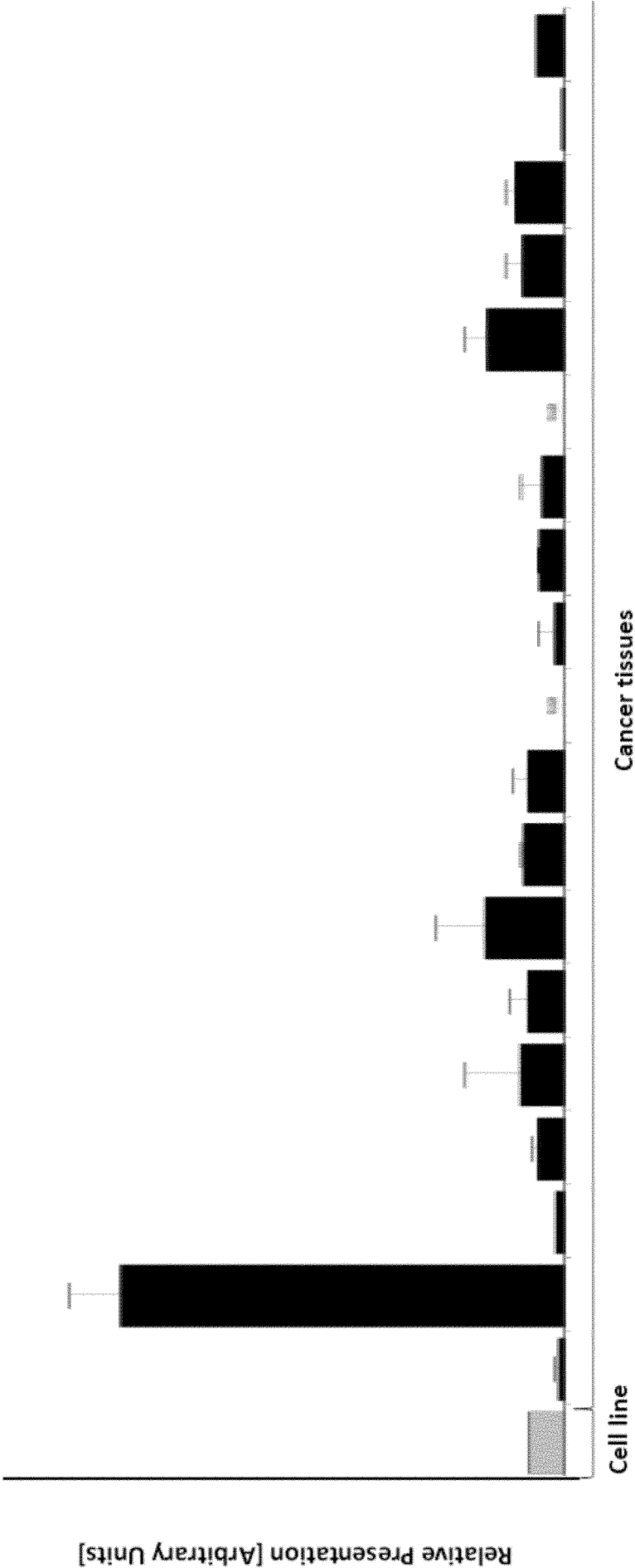
20/38

Figure 1T
Peptide: YLNHLEPPV (A*02)
SEQ ID NO: 166



Peptide detected on
2 cell lines, 20 cancer tissues (3 brain cancers, 1 breast cancer, 1 esophageal cancer, 3 leukocytic leukemia cancers, 2 liver cancers, 4 lung cancers, 2 lymph node cancers, 1 myeloid cells cancer, 3 ovarian cancers) (from left to right)

Figure 1U
Peptide: YLMDINGKMWL (A*02)
SEQ ID NO: 184



Peptide detected on
1 cell line, 19 cancer tissues (1 breast cancer, 1 gallbladder cancer, 1 leukocytic leukemia cancer, 6 lung cancers, 2 lymph node
cancers, 5 ovarian cancers, 2 skin cancers, 1 uterus cancer) (from left to right)

Figure 1V
Peptide: KTINKVPTV (A*02)
SEQ ID NO: 198

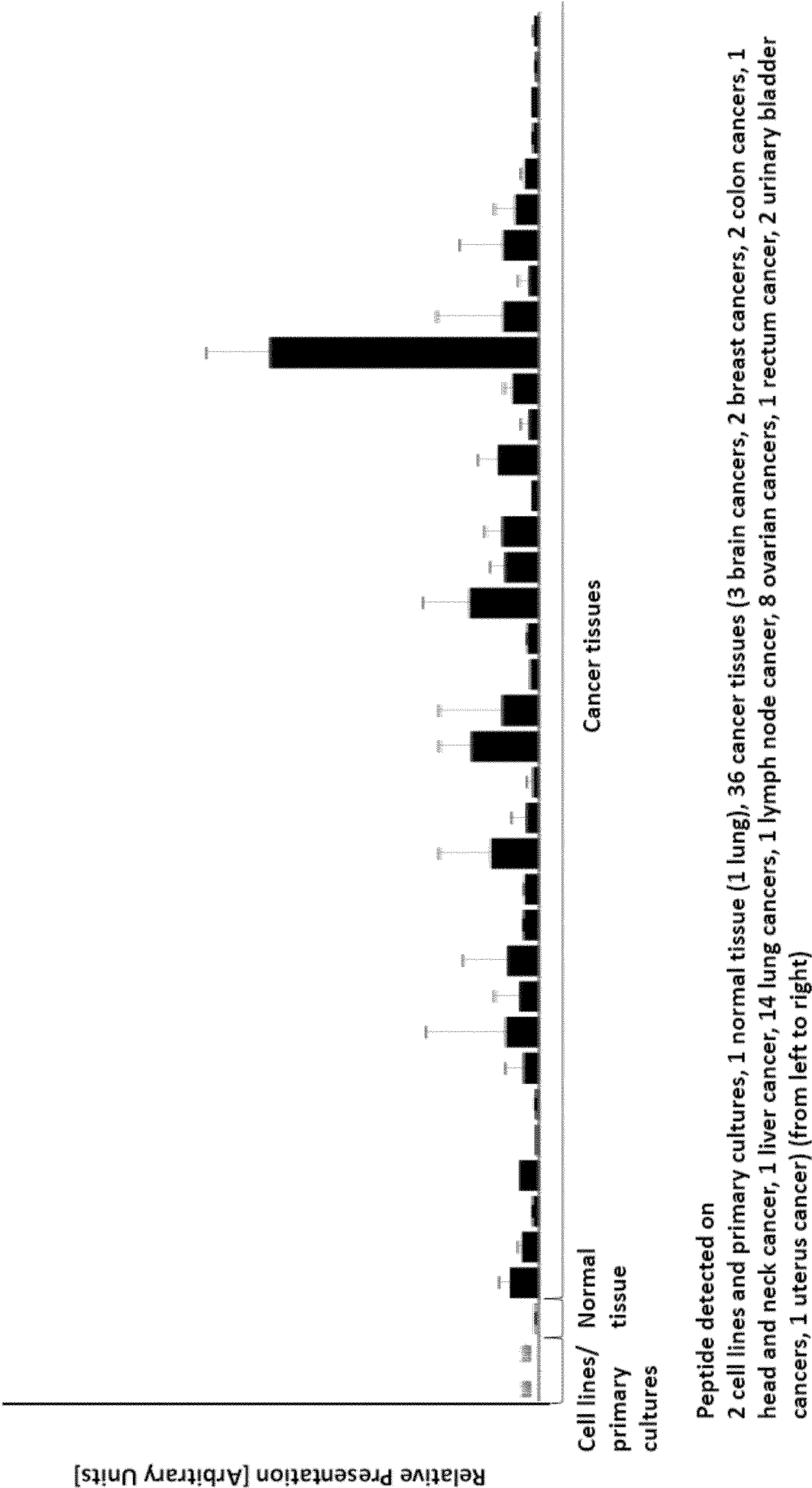
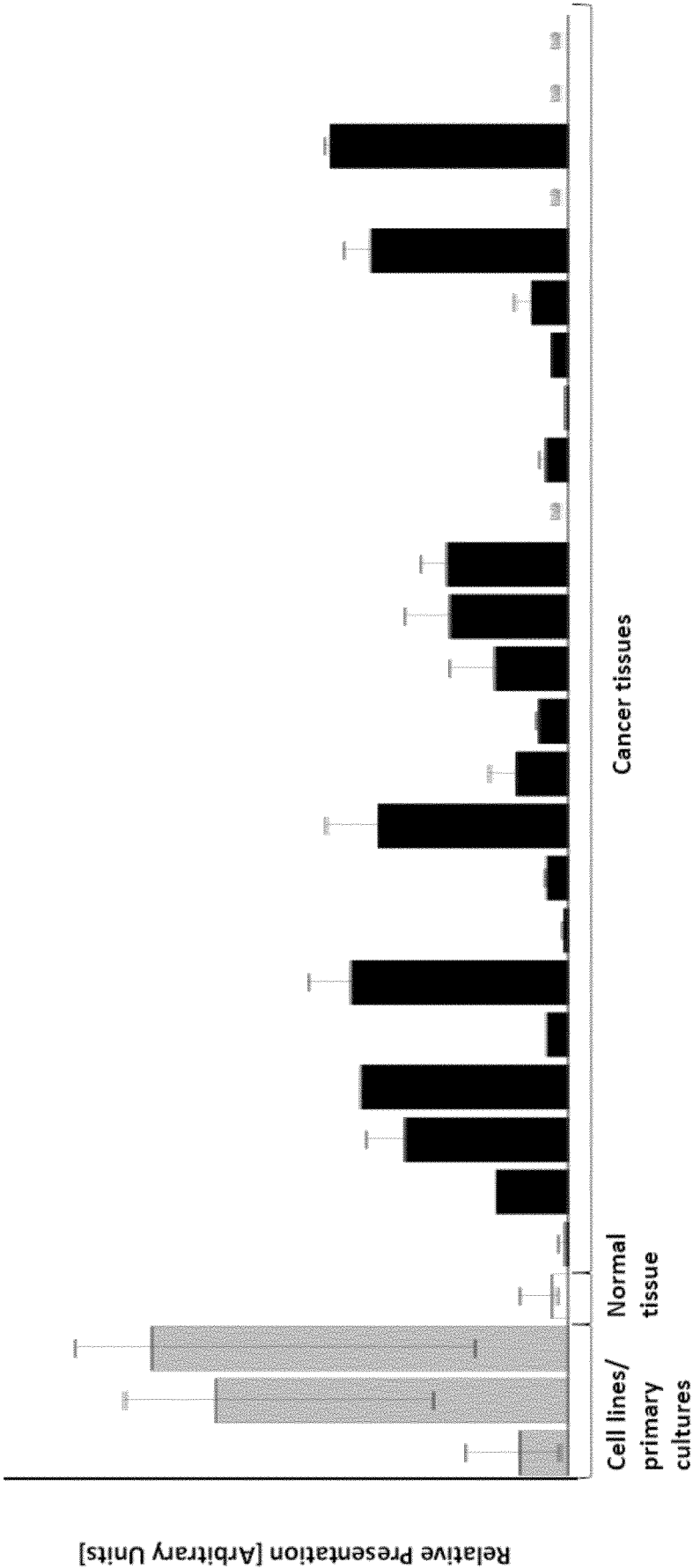
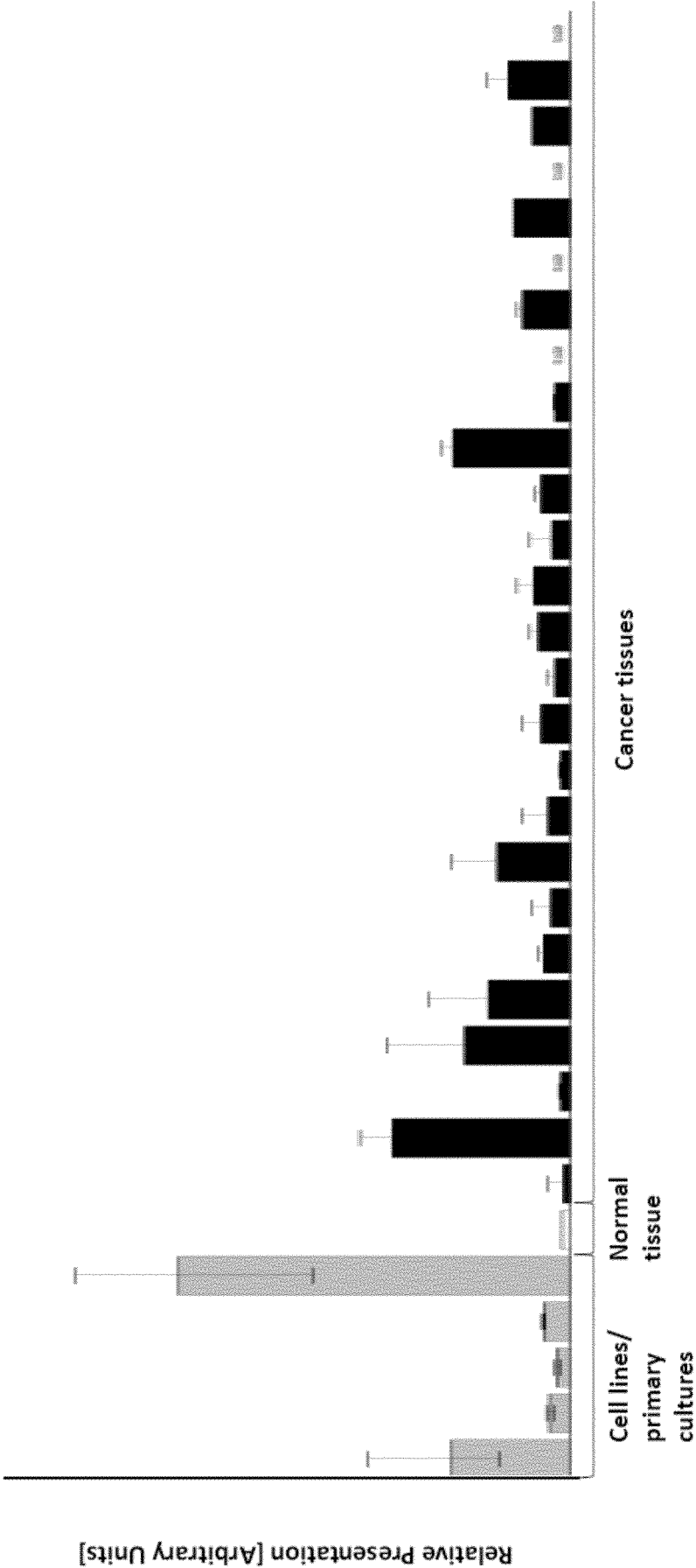


Figure 1W
Peptide: FLFPNQYVDV (A*02)
SEQ ID NO: 248



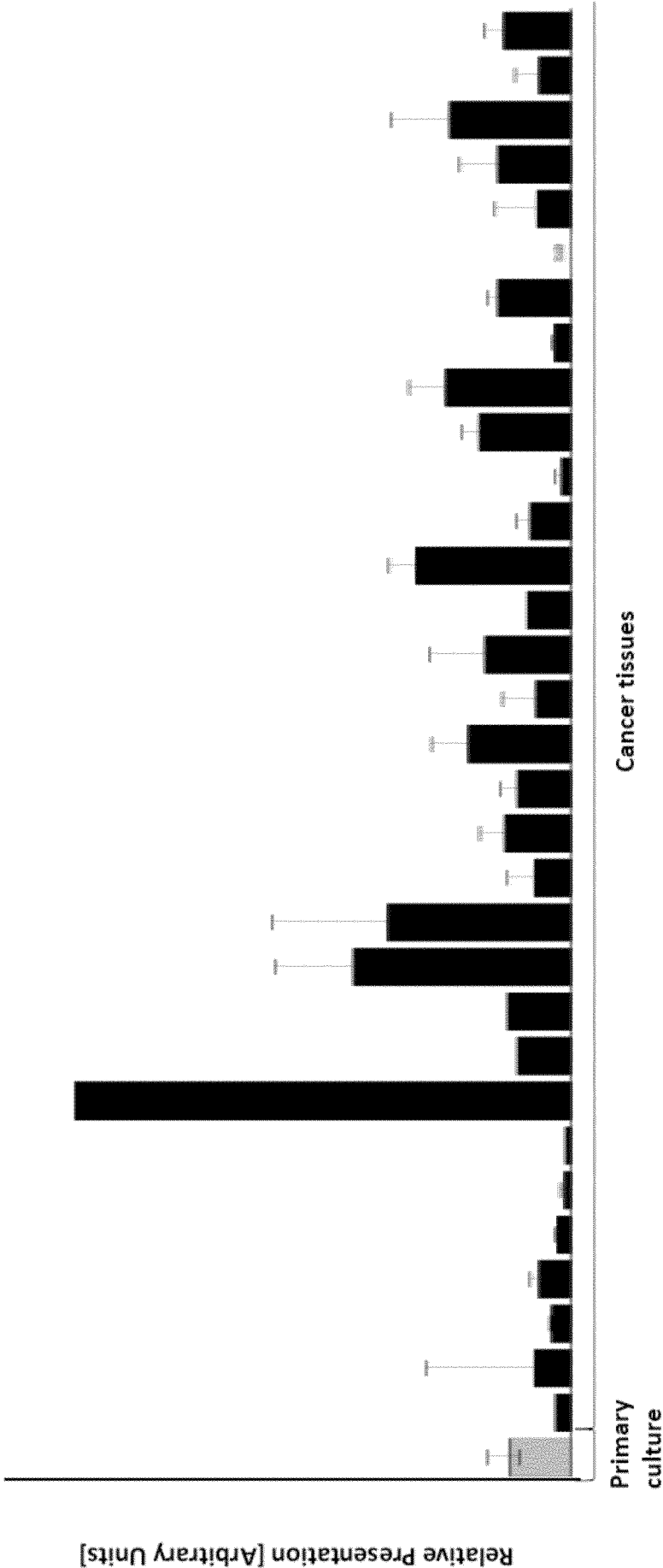
Peptide detected on
3 cell lines and primary cultures, 1 normal tissue (1 spleen), 24 cancer tissues (1 bile duct cancer, 2 breast cancers, 2 leukocytic leukemia cancers, 1 liver cancer, 9 lung cancers, 2 lymph node cancers, 3 ovarian cancers, 1 prostate cancer, 2 skin cancers, 1 uterus cancer) (from left to right)

Figure 1X
Peptide: ALLENPKMEL (A*02)
SEQ ID NO: 441



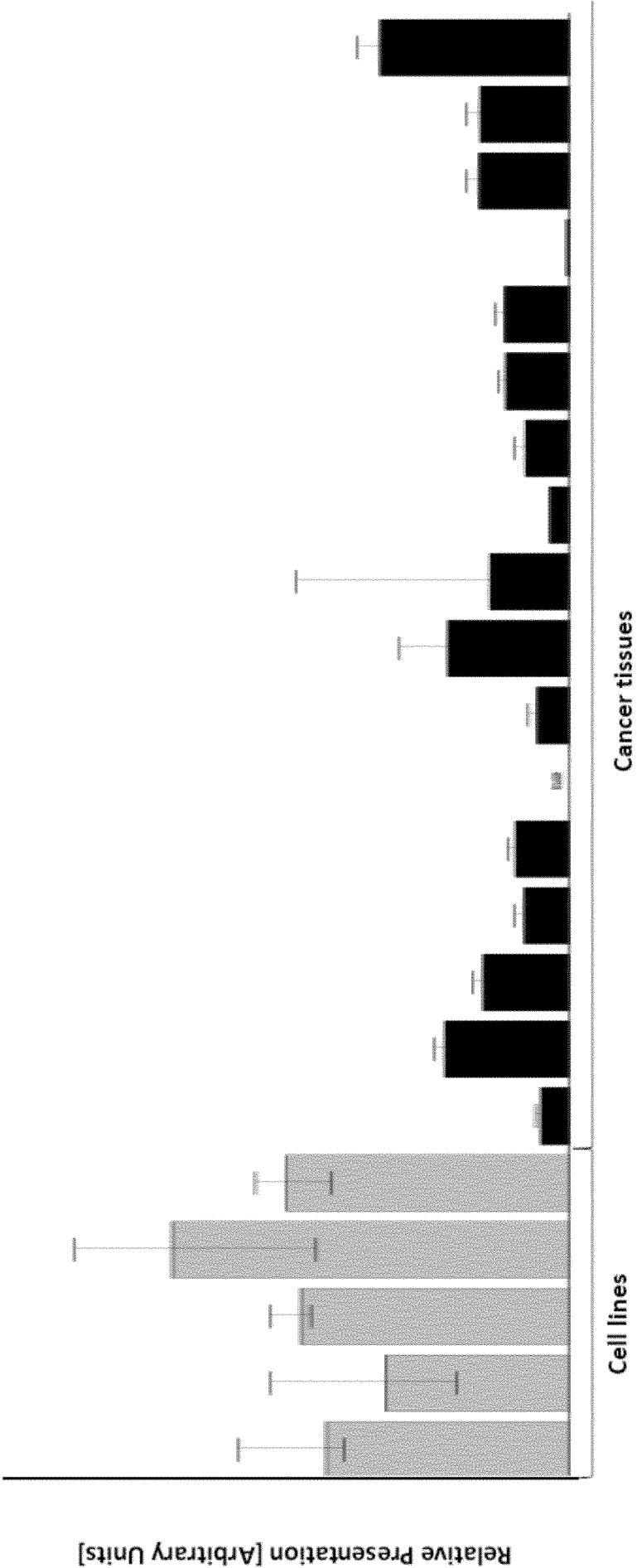
Peptide detected on
5 cell lines and primary cultures, 1 normal tissue (1 adrenal gland), 26 cancer tissues (1 breast cancer, 1 colon cancer, 1 esophageal cancer, 1 head and neck cancer, 2 liver cancers, 10 lung cancers, 5 ovarian cancers, 1 prostate cancer, 1 rectum cancer, 2 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 1Y
Peptide: SLVESHLSDDLTL (A*02)
SEQ ID NO: 463



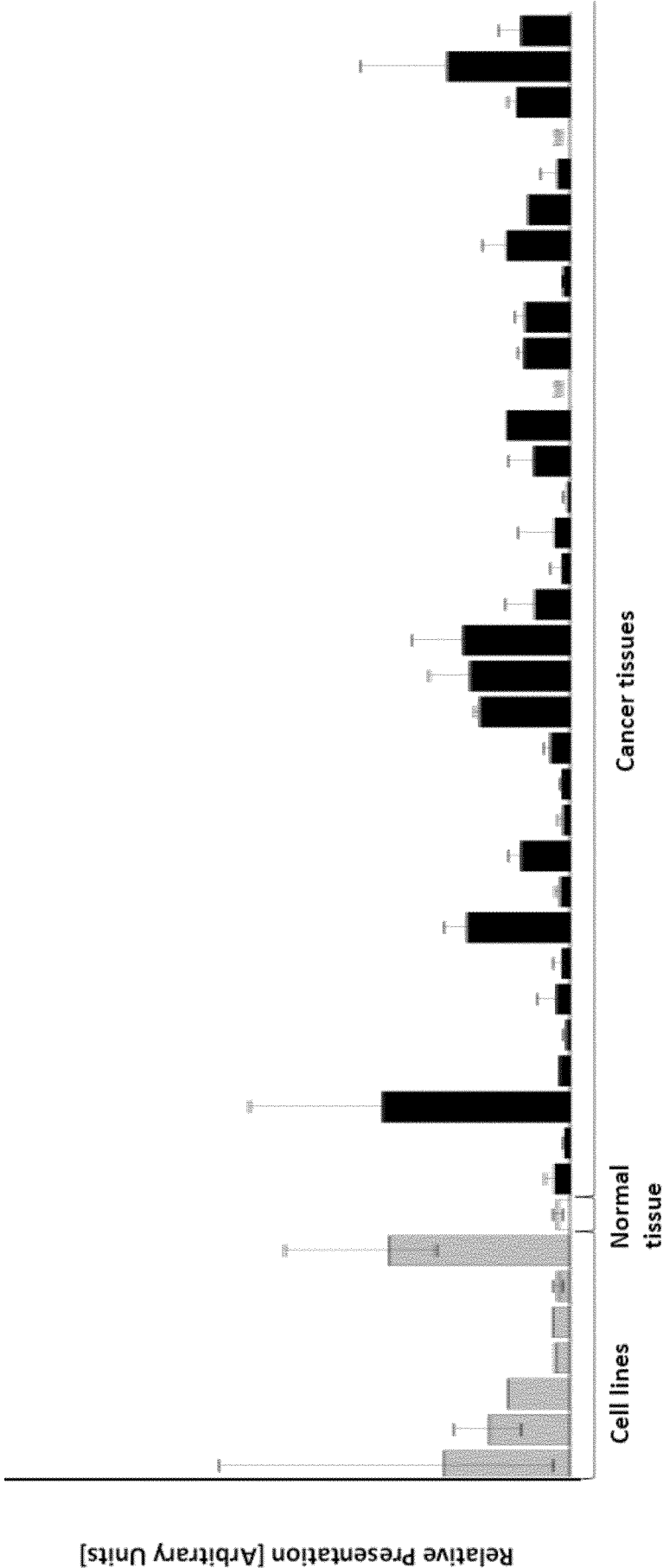
Peptide detected on
1 primary culture, 32 cancer tissues (1 bile duct cancer, 2 brain cancers, 2 breast cancers, 2 head and neck cancers, 3 leukocytic leukemia cancers, 1 liver cancer, 8 lung cancers, 3 lymph node cancers, 5 ovarian cancers, 2 skin cancers, 2 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 1Z
Peptide: VLIANLEKL (A*02)
SEQ ID NO: 466



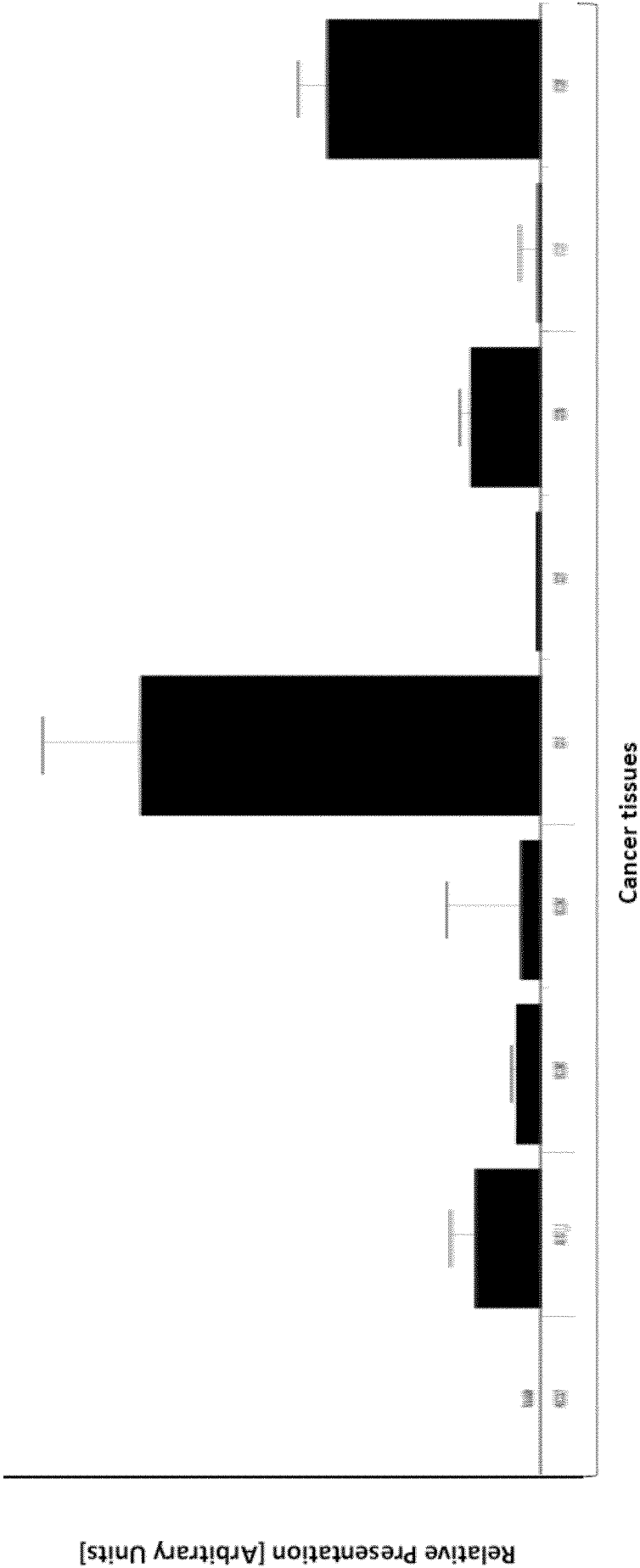
Peptide detected on
5 cell lines, 17 cancer tissues (3 breast cancers, 2 esophageal cancers, 1 liver cancer, 2 lung cancers, 5 lymph node cancers, 3 ovarian cancers, 1 urinary bladder cancer) (from left to right)

Figure 1AA
Peptide: SLFGNSGILENV (A*02)
SEQ ID NO: 479



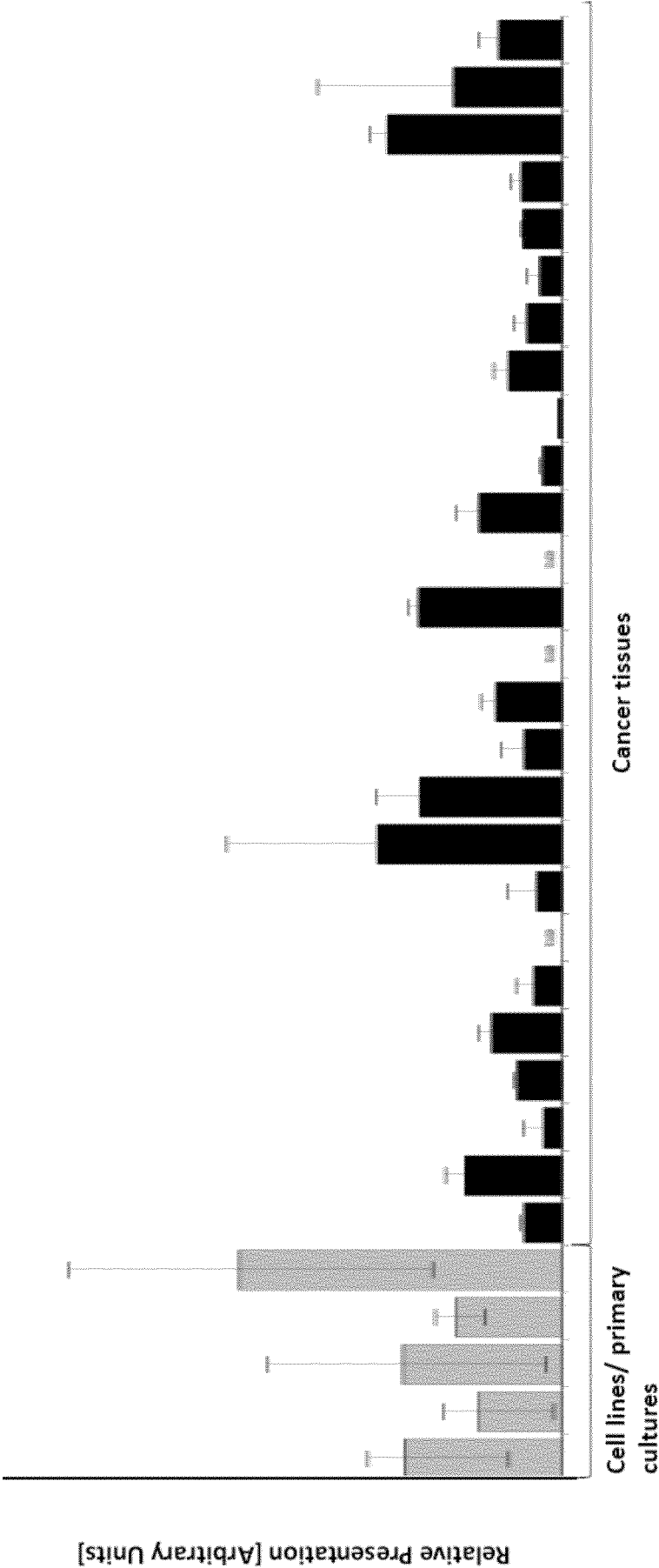
Peptide detected on
7 cell lines, 1 normal tissue (1 spleen), 33 cancer tissues (1 breast cancer, 1 colon cancer, 1 esophageal cancer, 1 head and neck cancer, 1 leukocytic leukemia cancer, 3 liver cancers, 10 lung cancers, 1 lymph node cancer, 1 myeloid cell cancer, 7 ovarian cancers, 2 skin cancers, 3 urinary bladder cancers, 1 uterus cancer) (from left to right)

Figure 1AB
Peptide: SLSEIVPCL (A*02)
SEQ ID NO: 512



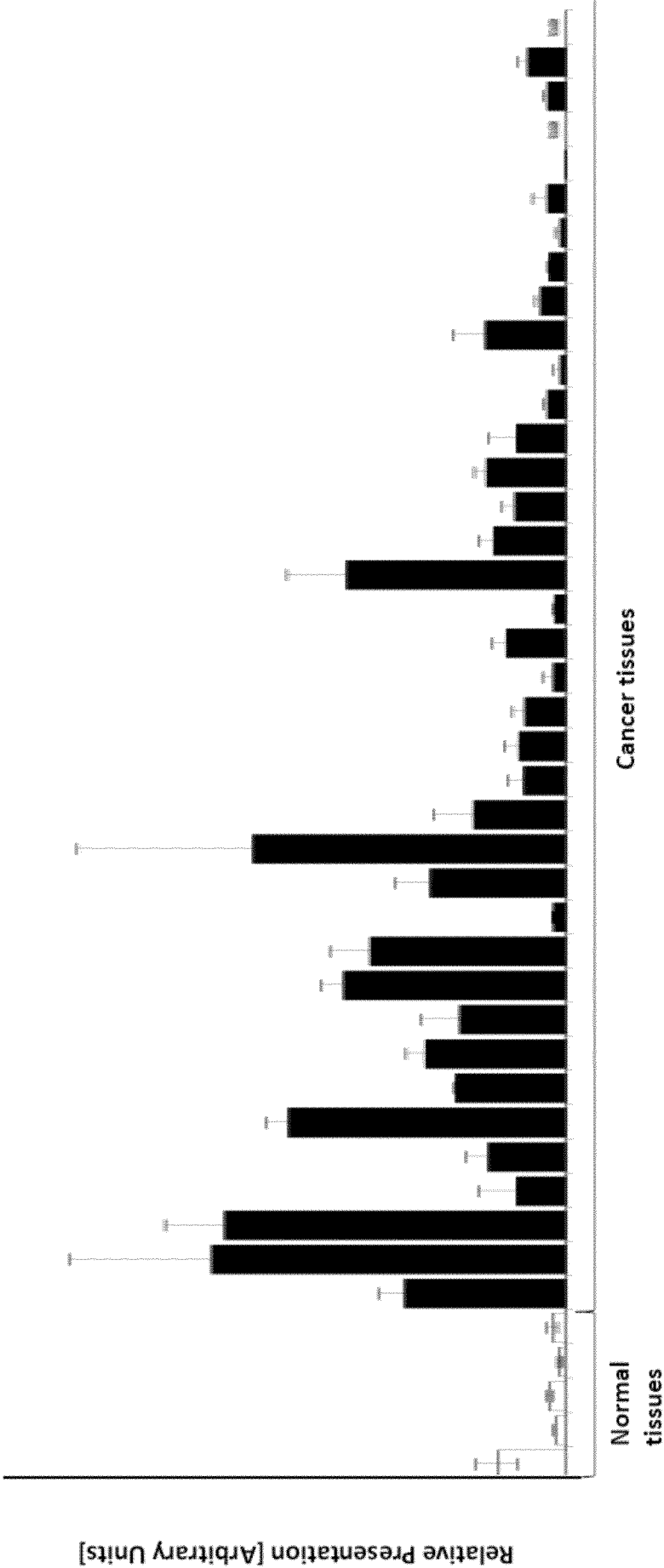
Peptide detected on
9 cancer tissues (1 head and neck cancer, 2 lung cancers, 1 myeloid cell cancer, 3 ovarian cancers, 2 uterus cancers) (from left to right)

Figure 1AC
Peptide: ALWDIETGQQITT (A*02)
SEQ ID NO: 560



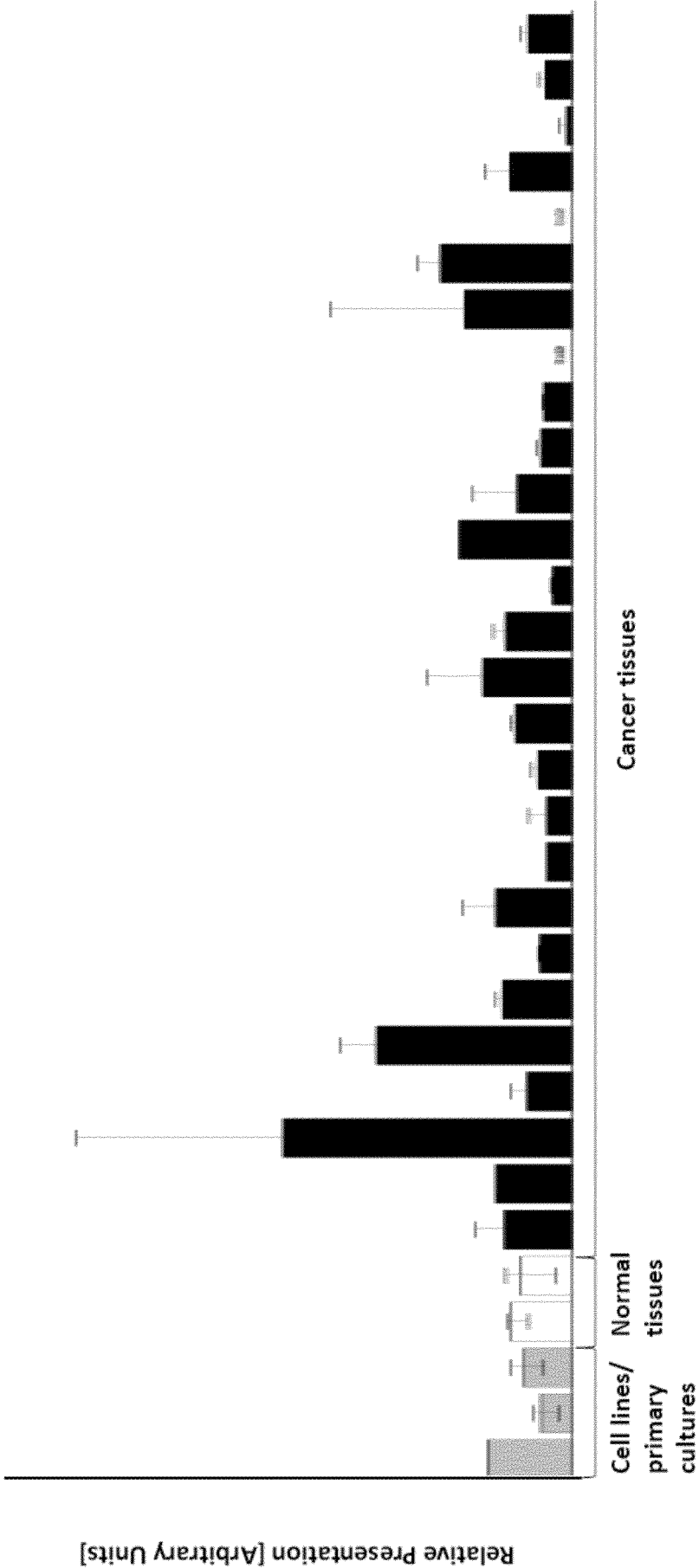
Peptide detected on
5 cell lines and primary cultures, 26 cancer tissues (1 brain cancer, 1 esophageal cancer, 1 esophageal and stomach cancer, 1 gallbladder cancer, 2 head and neck cancers, 1 leukocytic leukemia cancer, 1 liver cancer, 5 lung cancers, 6 lymph node cancers, 3 ovarian cancers, 1 prostate cancer, 1 skin cancer, 1 urinary bladder cancer, 1 uterus cancer) (from left to right)

Figure 1AD
Peptide: VMNDRLYAI (A*02)
SEQ ID NO: 587



Peptide detected on
5 normal tissues (1 pancreas, 3 spleens, 1 thyroid gland), 38 cancer tissues (14 leukocytic leukemia cancers, 10 lymph node cancers, 9 ovarian cancers, 1 prostate cancer, 4 uterus cancers) (from left to right)

Figure 1AE
Peptide: KLLNKIYEA (A*02)
SEQ ID NO: 620



Peptide detected on
3 cell lines and primary cultures, 2 normal tissues (1 lung, 1 uterus), 27 cancer tissues (5 brain cancers, 2 breast cancers, 2 esophageal cancers, 5 lung cancers, 1 lymph node cancer, 1 myeloid cell cancer, 5 ovarian cancers, 3 prostate cancers, 1 rectum cancer, 1 urinary bladder cancer, 1 uterus cancer) (from left to right)

Figure 2A

Gene: CT45A1-A6
Peptide: KIFEMLEGV
Seq ID NO: 11

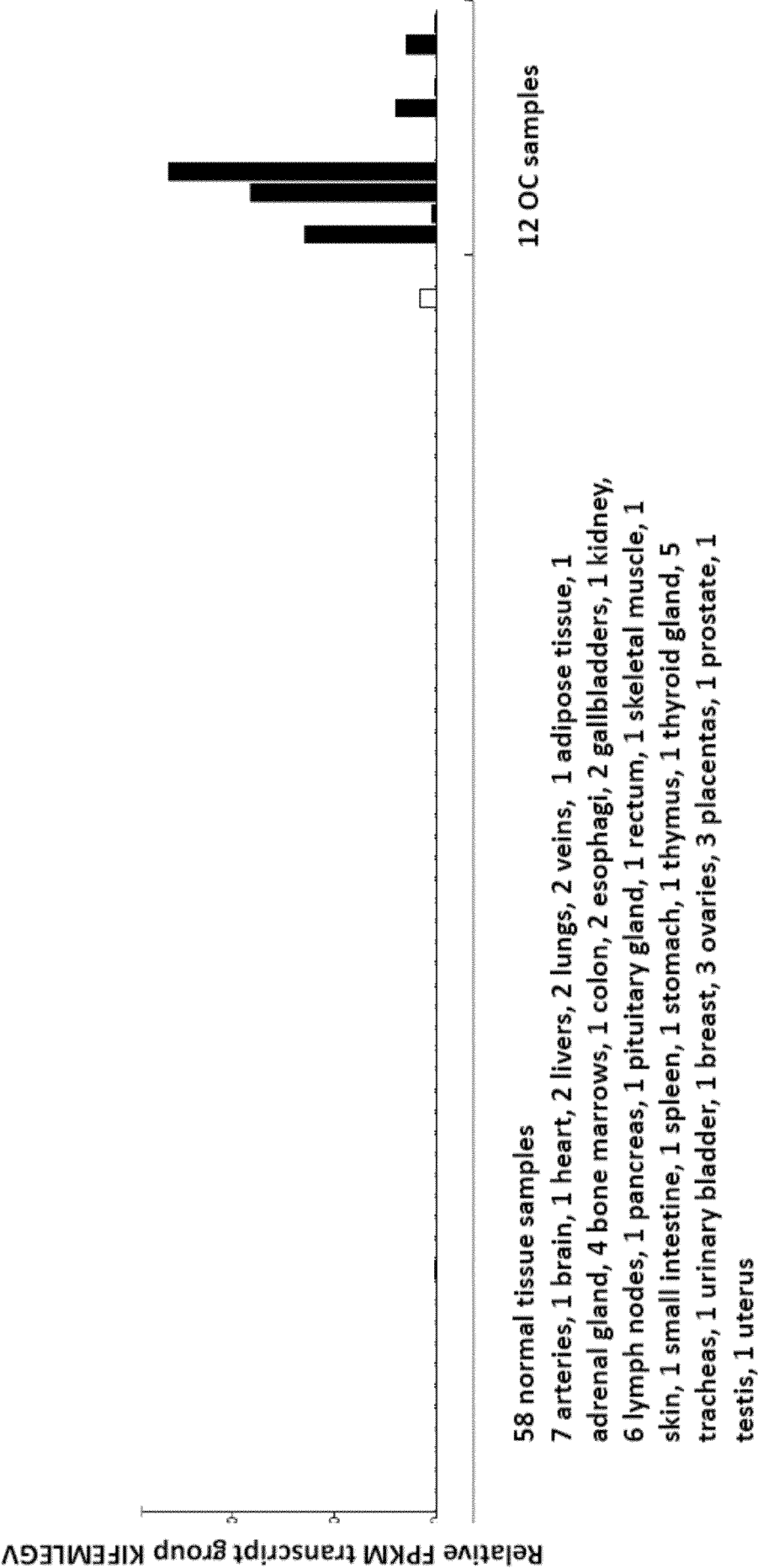


Figure 2B

Gene: CLDN16
Peptide: FLPDEPYIKV
Seq ID No: 25

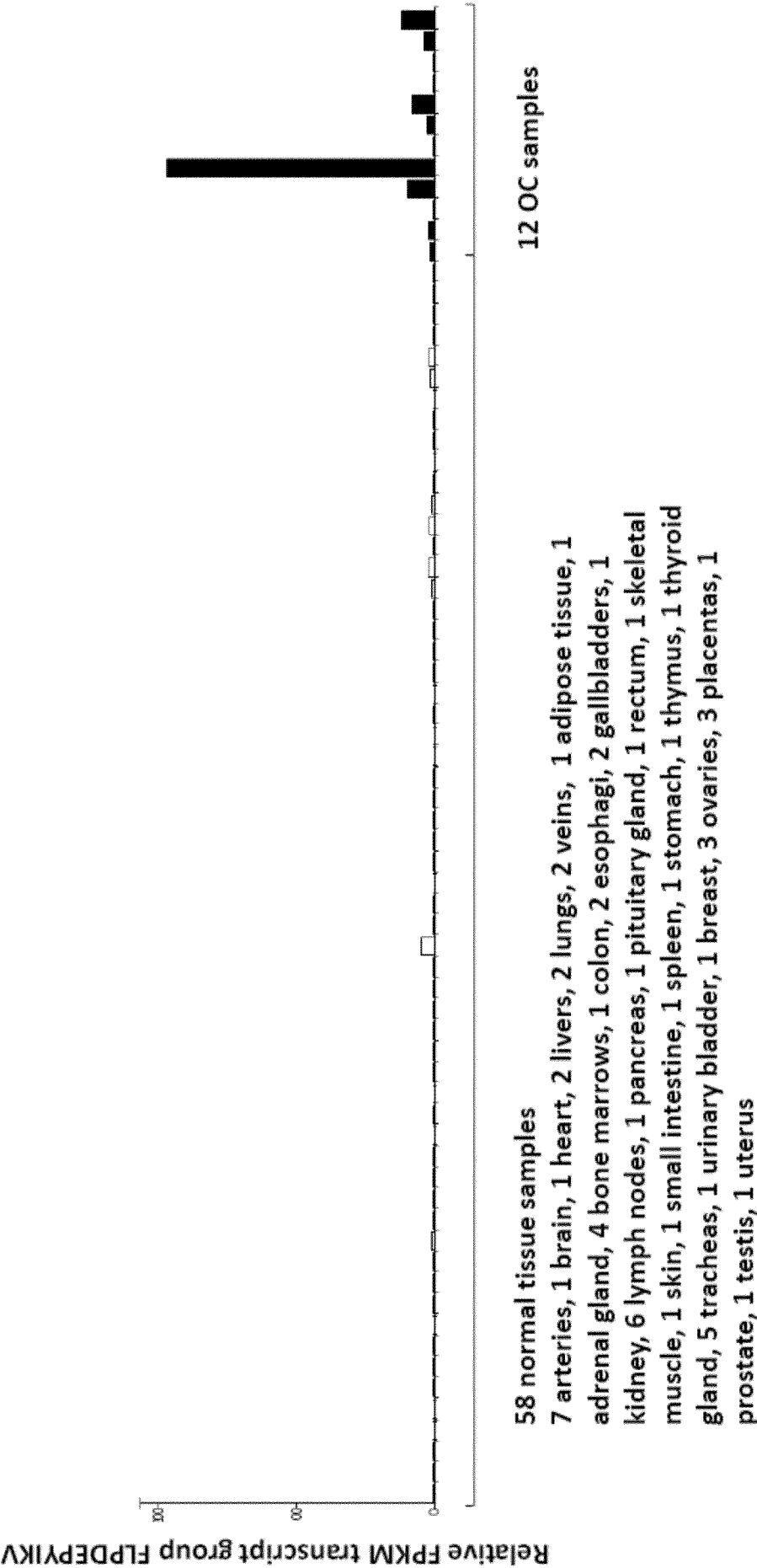


Figure 2C
Gene: ESR1
Peptide: KITDTLIHL
Seq ID No:266

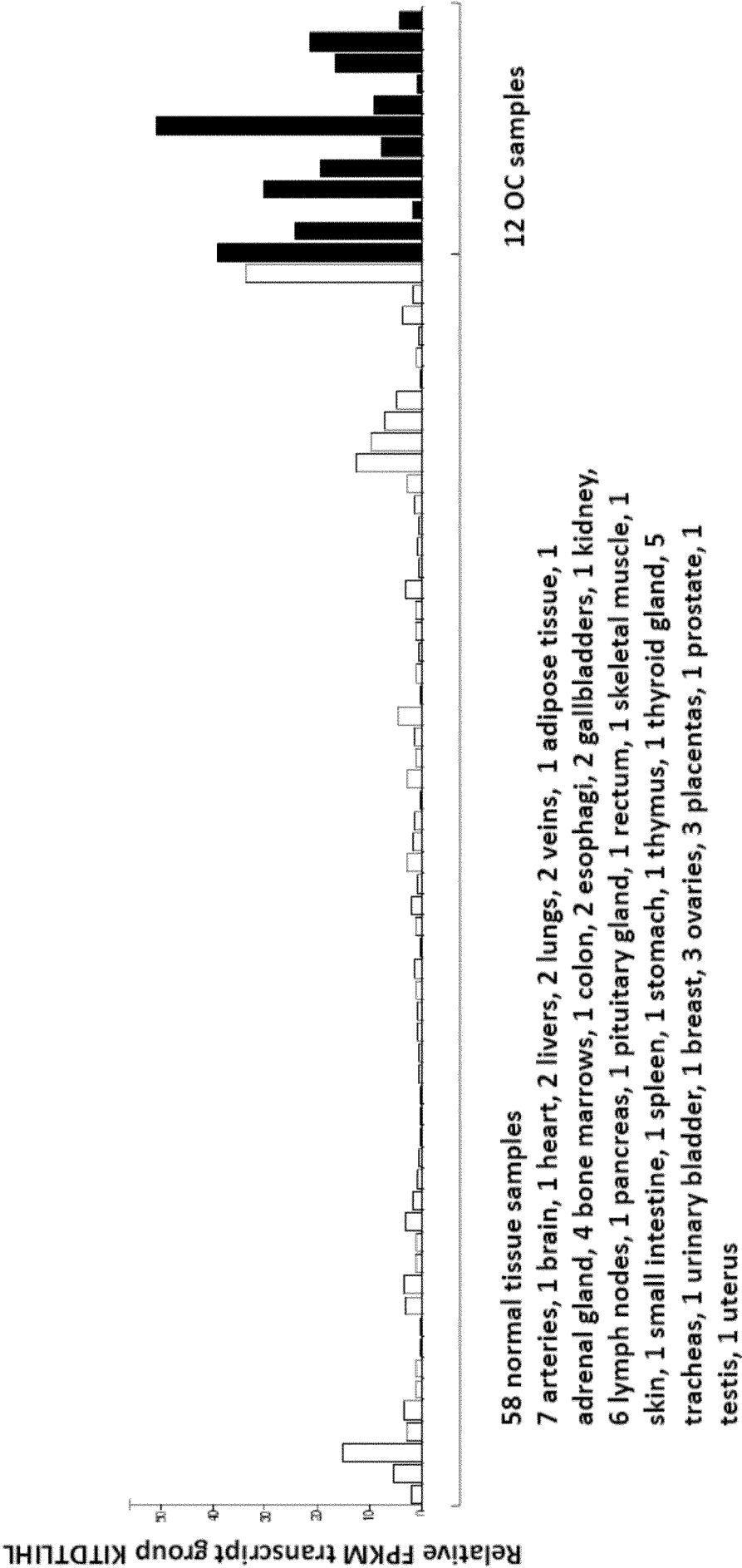


Figure 2D

Gene: IDO1
Peptide: YHIDEEVGF
Seq ID No: 116

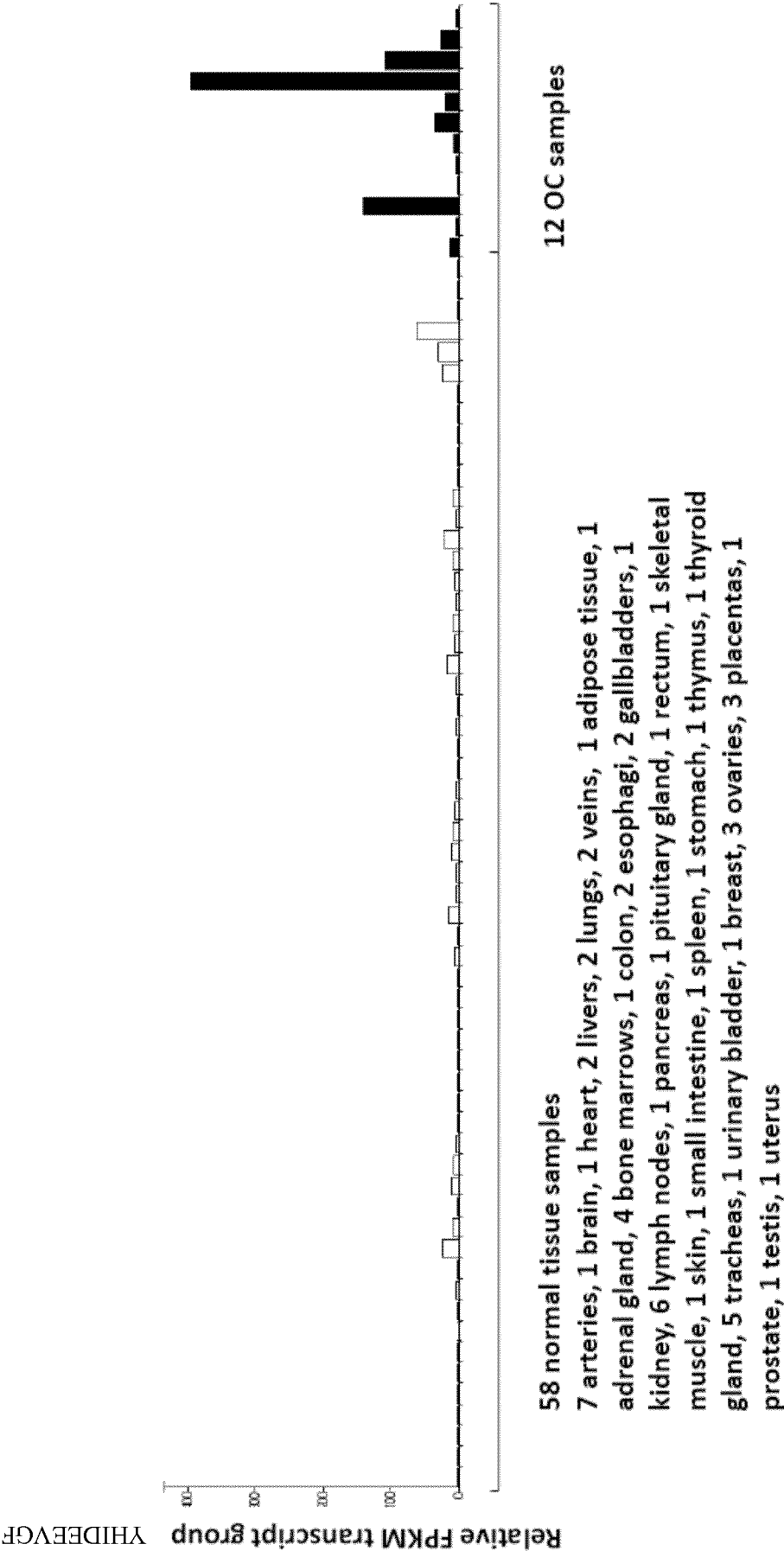


Figure 3

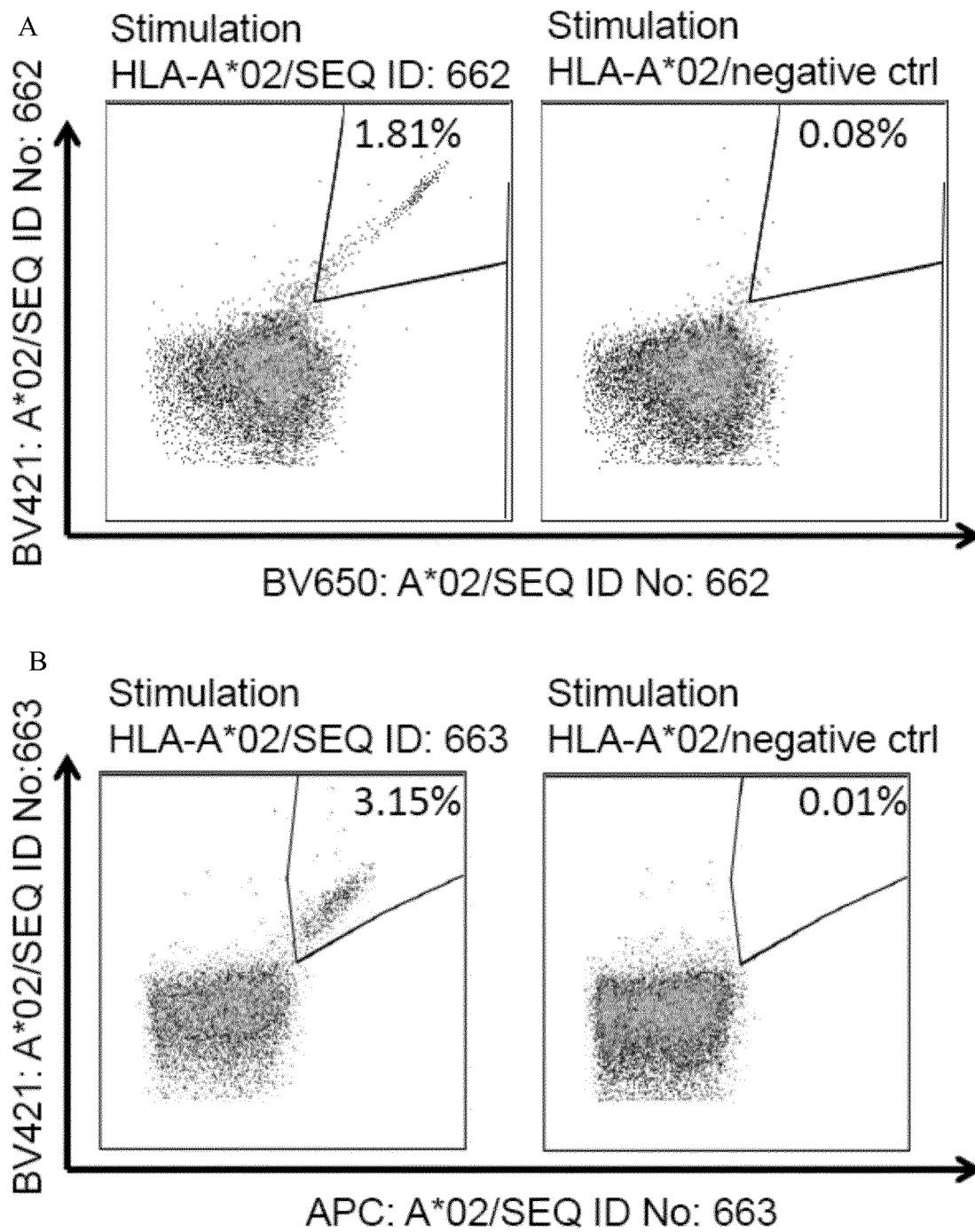


Figure 3 (continued)

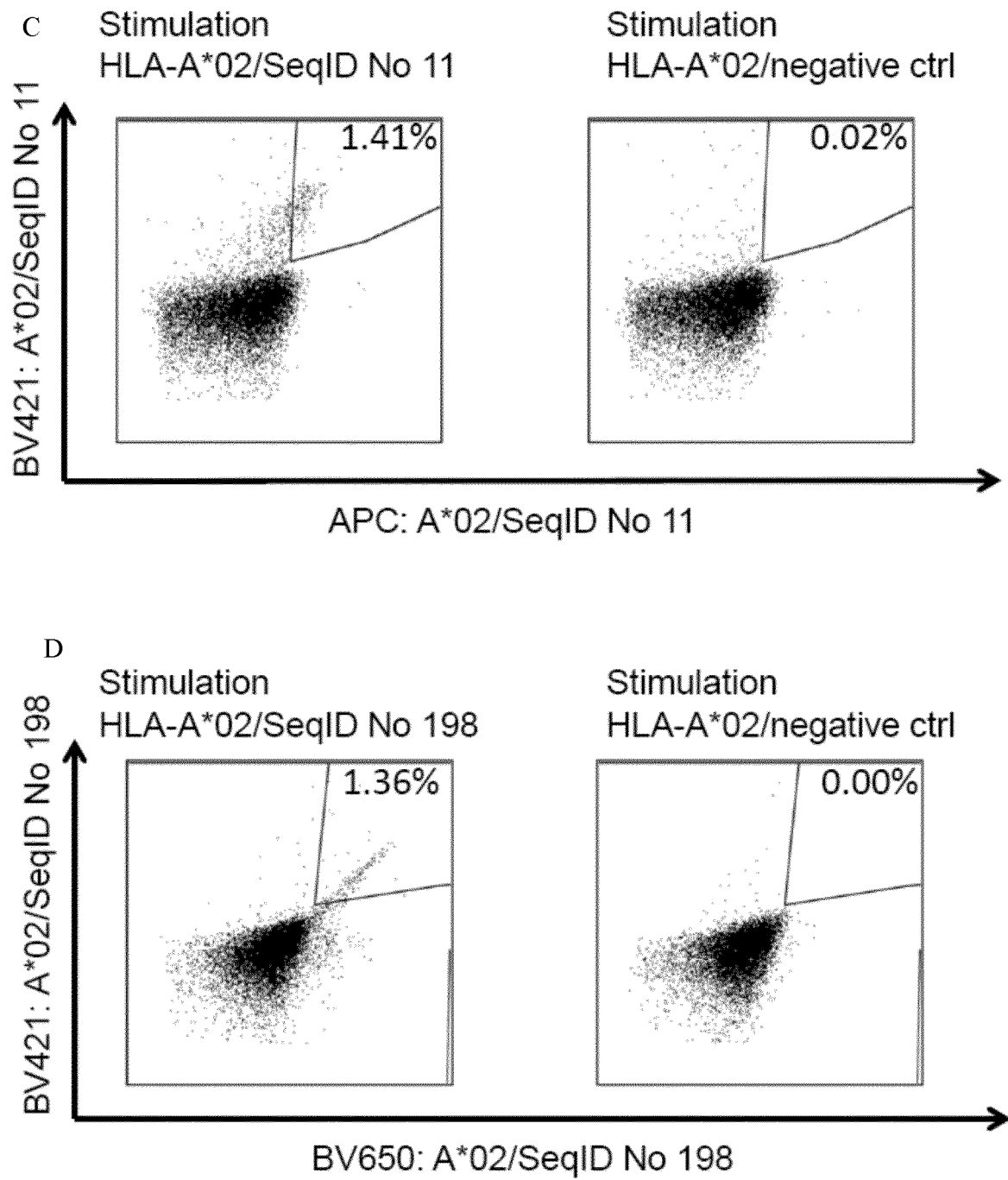


Figure 3 (continued)

