Table 2: C/EBPβ-regulated secreted proteins share some similarity with the secretome of various cancer types using “secreted” list. Differentially expressed (DE, 2-fold cut-off) genes in β-overexpressing cells from our RNA-seq were compared to DE genes in various cancer types as compared to normal tissue (Nielsen’s group)\(^5\). Analysis was done on secreted genes that are annotated “secreted” in the Uniprot database that are expressed in C2C12 cells.

| Organ        | Cancer type | % of upregulated genes | % of downregulated genes | Total % (up+ down) |
|--------------|-------------|------------------------|--------------------------|--------------------|
| Brain        | GBM         | 32                     | 8                        | 40                 |
| Brain        | LGG         | 29                     | 7                        | 36                 |
| Colon        | COAD        | 28                     | 6                        | 34                 |
| Pancreas     | PAAD        | 28                     | 5                        | 33                 |
| Stomach      | STAD        | 28                     | 4                        | 32                 |
| Colon        | READ        | 27                     | 5                        | 32                 |
| Salivary gland | HNSC      | 26                     | 5                        | 31                 |
| Kidney       | KIRC        | 26                     | 5                        | 31                 |
| Liver        | LIHC        | 26                     | 5                        | 31                 |
| Bladder      | BLCA        | 25                     | 6                        | 31                 |
| Esophagus    | ESCA        | 26                     | 5                        | 31                 |
| Testis       | TGCT        | 26                     | 4                        | 30                 |
| Breast       | BRCA        | 25                     | 4                        | 29                 |
| Lung         | LUAD        | 23                     | 4                        | 27                 |
| Lung         | LUSC        | 24                     | 3                        | 27                 |
| Liver        | CHOL        | 22                     | 5                        | 27                 |
| Thyroid      | THCA        | 21                     | 6                        | 27                 |
| Uterus       | UCS         | 23                     | 4                        | 27                 |
| Adrenal gland | PCPG       | 23                     | 3                        | 26                 |
| Kidney       | KICH        | 20                     | 5                        | 25                 |
| Adrenal gland | ACC        | 21                     | 3                        | 24                 |
| Ovary        | OV          | 20                     | 4                        | 24                 |
| Prostate     | PRAD        | 20                     | 3                        | 23                 |
| Kidney       | KIRP        | 19                     | 4                        | 23                 |
| Cervix uteri | CESC        | 18                     | 4                        | 22                 |
| Skin         | SKCM        | 6                      | 12                       | 18                 |
| Uterus       | UCEC        | 19                     | 4                        | 11                 |