|  |  |  |  |
| --- | --- | --- | --- |
| Rank | Sequence | Start position | Score |
| 1 | RCGHIGALNEEAAK | 368 | 0.91 |  |
|  |  |  |  |  |
| 2 | SLAQLLLDPFFRTI | 334 | 0.89 |  |
|  |  |  |  |  |
| 3 | TITDYYKQLESSGW | 281 | 0.88 |  |
|  |  |  |  |  |
| 4 | EKNGRKRCWDRFNW | 102 | 0.87 |  |
|  |  |  |  |  |
| 5 | ATKQILIGSCKFRS | 157 | 0.86 |  |
|  |  |  |  |  |
| 5 | WKINDFNVDYRYCD | 132 | 0.86 |  |
|  |  |  |  |  |
| 6 | KCGRPVNIIDVFAF | 85 | 0.85 |  |
|  |  |  |  |  |
| 6 | NFLIAKDKDCQDLY | 67 | 0.85 |  |
|  |  |  |  |  |
| 6 | DEQLMNLIAKTNPS | 205 | 0.85 |  |
|  |  |  |  |  |
| 6 | FARQGIGIADKHLW | 119 | 0.85 |  |
|  |  |  |  |  |
| 6 | CWDRFNWQIEFARQ | 109 | 0.85 |  |
|  |  |  |  |  |
| 7 | LDACQRTKTITDYY | 273 | 0.84 |  |
|  |  |  |  |  |
| 8 | SDSGHSSTVSSGAQ | 545 | 0.83 |  |
|  |  |  |  |  |
| 8 | SDGWDRTSQTVSLA | 323 | 0.83 |  |
|  |  |  |  |  |
| 9 | IDVFAFENREKNGR | 93 | 0.82 |  |
|  |  |  |  |  |
| 9 | VTIATLEHIGVLEA | 506 | 0.82 |  |
|  |  |  |  |  |
| 9 | EKGNLSAIGTYLTI | 45 | 0.82 |  |
|  |  |  |  |  |
| 9 | SNIVGTIHITTSHF | 10 | 0.82 |  |
|  |  |  |  |  |
| 10 | VVWTAMYNRFDTGL | 484 | 0.81 |  |
|  |  |  |  |  |
| 10 | PLTGFTARCVEDEQ | 194 | 0.81 |  |
|  |  |  |  |  |
| 11 | VLIEKDWLGFGHKF | 352 | 0.80 |  |
|  |  |  |  |  |
| 12 | QANKFSYLANVDLH | 466 | 0.79 |  |
|  |  |  |  |  |
| 12 | SAVVHCSDGWDRTS | 317 | 0.79 |  |
|  |  |  |  |  |
| 13 | LAKRTLSLWSYIDD | 440 | 0.78 |  |
|  |  |  |  |  |
| 13 | IFRADNSSKEIWVA | 24 | 0.78 |  |
|  |  |  |  |  |
| 13 | QGKGYEDIKNYPNM | 239 | 0.78 |  |
|  |  |  |  |  |
| 14 | YQIMRLQPRAFEFN | 395 | 0.77 |  |
|  |  |  |  |  |
| 14 | RFHFFDIENIHVMR | 253 | 0.77 |  |
|  |  |  |  |  |
| 14 | NPSYQSLCLIDTRP | 216 | 0.77 |  |
|  |  |  |  |  |
| 14 | NVDYRYCDTYPEYL | 138 | 0.77 |  |
|  |  |  |  |  |
| 15 | KDRKDLNLAKRTLS | 433 | 0.76 |  |
|  |  |  |  |  |
| 15 | LIGSCKFRSRARLP | 162 | 0.76 |  |
|  |  |  |  |  |
| 16 | STVSSGAQPTTPLQ | 551 | 0.75 |  |
|  |  |  |  |  |
| 16 | QMASLQAVTFLAPS | 520 | 0.75 |  |
|  |  |  |  |  |
| 17 | APSFLFMKMISGVM | 531 | 0.74 |  |
|  |  |  |  |  |
| 17 | NYPNMRFHFFDIEN | 248 | 0.74 |  |
|  |  |  |  |  |
| 17 | KFRSRARLPVLTYW | 167 | 0.74 |  |
|  |  |  |  |  |
| 18 | HIGVLEAQMASLQA | 513 | 0.73 |  |
|  |  |  |  |  |
| 18 | VANALIGNIEKGNL | 36 | 0.73 |  |
|  |  |  |  |  |
| 18 | NIHVMRSSLNKLLD | 261 | 0.73 |  |
|  |  |  |  |  |
| 19 | YLCTPSSATKQILI | 150 | 0.72 |  |
|  |  |  |  |  |
| 20 | RSLLDCSAFLADLV | 299 | 0.71 |  |
|  |  |  |  |  |
| 20 | HRPNFGRFCRCAQP | 181 | 0.71 |  |
|  |  |  |  |  |
| 21 | KMISGVMSDSGHSS | 538 | 0.70 |  |
|  |  |  |  |  |
| 21 | FLADLVSRGISAVV | 307 | 0.70 |  |
|  |  |  |  |  |
| 22 | WSYIDDHHDDYINP | 448 | 0.69 |  |
|  |  |  |  |  |
| 22 | FEFNERYLIDIHEH | 405 | 0.69 |  |
|  |  |  |  |  |
| 22 | FRTIRGFQVLIEKD | 344 | 0.69 |  |
|  |  |  |  |  |
| 23 | YNRFDTGLLPREST | 490 | 0.68 |  |
|  |  |  |  |  |
| 23 | HKFDDRCGHIGALN | 363 | 0.68 |  |
|  |  |  |  |  |
| 24 | LHPSAIVVWTAMYN | 478 | 0.67 |  |
|  |  |  |  |  |
| 24 | RFCRCAQPLTGFTA | 187 | 0.67 |  |
|  |  |  |  |  |
| 25 | DLYETLLKCGRPVN | 78 | 0.66 |  |
|  |  |  |  |  |
| 25 | GALNEEAAKEVSPI | 373 | 0.66 |  |
|  |  |  |  |  |
| 26 | QAVTFLAPSFLFMK | 525 | 0.63 |  |
|  |  |  |  |  |
| 26 | MMNKMQGKGYEDIK | 234 | 0.63 |  |
|  |  |  |  |  |
| 26 | ARLPVLTYWHRPNF | 172 | 0.63 |  |
|  |  |  |  |  |
| 27 | AKEVSPIFTQFLDC | 380 | 0.62 |  |
|  |  |  |  |  |
| 27 | RTSQTVSLAQLLLD | 328 | 0.62 |  |
|  |  |  |  |  |
| 28 | NSSKEIWVANALIG | 29 | 0.58 |  |
|  |  |  |  |  |
| 29 | HHDDYINPLYEFQA | 454 | 0.57 |  |
|  |  |  |  |  |
| 30 | GAQPTTPLQSLPEL | 556 | 0.56 |  |
|  |  |  |  |  |
| 30 | TIHITTSHFIFRAD | 15 | 0.56 |  |
|  |  |  |  |  |
| 31 | IDTRPLVNAMMNKM | 225 | 0.53 |  |
|  |  |  |  |  |
| 32 | HEHAYSCQYGTFLG | 416 | 0.51 |  |
|  |  |  |  |  |