| Rank     | Saguanaa                           | Start nosition | Saara        |
|----------|------------------------------------|----------------|--------------|
|          | Sequence<br>DCCHICALNEEAAK         | Start position | Score        |
| 1 2      | RCGHIGALNEEAAK                     | 368            | 0.91         |
| 3        | SLAQLLLDPFFRTI<br>TITDYYVOLESSOW   | 334<br>281     | 0.89<br>0.88 |
| 4        | TITDYYKQLESSGW<br>EKNGRKRCWDRFNW   | 102            | 0.87         |
| 5        |                                    | 157            | 0.86         |
|          | ATKQILIGSCKFRS                     | 137            | 0.86         |
| 5        | WKINDFNVDYRYCD                     |                |              |
| 6<br>6   | KCGRPVNIIDVFAF                     | 85<br>67       | 0.85<br>0.85 |
|          | NFLIAKDKDCQDLY<br>DEQLMNLIAKTNPS   | 205            | 0.85         |
| 6        | FARQGIGIADKHLW                     |                |              |
| 6<br>6   |                                    | 119<br>109     | 0.85<br>0.85 |
|          | CWDRFNWQIEFARQ                     |                | 0.83         |
| 7        | LDACQRTKTITDYY                     | 273            |              |
| 8        | SDSGHSSTVSSGAQ                     | 545            | 0.83         |
| 8<br>9   | SDGWDRTSQTVSLA                     | 323<br>93      | 0.83         |
| 9        | IDVFAFENREKNGR                     | 506            | 0.82<br>0.82 |
| 9        | VTIATLEHIGVLEA<br>EKGNLSAIGTYLTI   |                | 0.82         |
| 9        |                                    | 45             | 0.82         |
|          | SNIVGTIHITTSHF                     | 10             |              |
| 10<br>10 | VVWTAMYNRFDTGL<br>DI TCETA DCVEDEO | 484<br>194     | 0.81<br>0.81 |
| 10       | PLTGFTARCVEDEQ                     | 352            |              |
| 12       | VLIEKDWLGFGHKF                     | 466            | 0.80         |
| 12       | QANKFSYLANVDLH                     | 317            | 0.79<br>0.79 |
| 13       | SAVVHCSDGWDRTS                     | 440            | 0.79         |
| 13       | LAKRTLSLWSYIDD                     | 24             | 0.78         |
| 13       | IFRADNSSKEIWVA                     |                | 0.78         |
| 13<br>14 | QGKGYEDIKNYPNM<br>VOIMBLORDAEEEN   | 239<br>395     | 0.78         |
| 14       | YQIMRLQPRAFEFN<br>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            | 0.73         |
| 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 |
| <b>26</b> | 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 |