

**Predicted epitopes:**

| <b>No.</b> | <b>Start Position</b> | <b>End Position</b> | <b>Peptide</b>       | <b>Peptide Length</b> |
|------------|-----------------------|---------------------|----------------------|-----------------------|
| 1          | 1                     | 12                  | MPQTTDEAASVS         | 12                    |
| 2          | 14                    | 31                  | VADIKPRSRDVTGGLEKA   | 18                    |
| 3          | 42                    | 61                  | MDDEDFAKPQIGVASSWNEI | 20                    |
| 4          | 80                    | 82                  | FSA                  | 3                     |
| 5          | 84                    | 87                  | GYPL                 | 4                     |
| 6          | 97                    | 100                 | GISM                 | 4                     |
| 7          | 139                   | 140                 | KS                   | 2                     |
| 8          | 165                   | 165                 | P                    | 1                     |
| 9          | 168                   | 177                 | AKLSDGSERD           | 10                    |
| 10         | 200                   | 201                 | VD                   | 2                     |
| 11         | 207                   | 218                 | ICPGEGACGGMY         | 12                    |
| 12         | 222                   | 225                 | TMAS                 | 4                     |
| 13         | 234                   | 253                 | LPGSAAPPATDRRRDGFARR | 20                    |
| 14         | 290                   | 290                 | S                    | 1                     |
| 15         | 315                   | 316                 | RI                   | 2                     |
| 16         | 318                   | 319                 | SG                   | 2                     |
| 17         | 321                   | 323                 | PHL                  | 3                     |
| 18         | 339                   | 340                 | HI                   | 2                     |
| 19         | 367                   | 367                 | T                    | 1                     |
| 20         | 374                   | 383                 | AITPPDPDGK           | 10                    |
| 21         | 391                   | 396                 | PIHPSG               | 6                     |
| 22         | 405                   | 412                 | LAPEGAVV             | 8                     |
| 23         | 415                   | 423                 | AGFDSDVFE            | 9                     |
| 24         | 427                   | 430                 | RVFD                 | 4                     |
| 25         | 433                   | 434                 | RA                   | 2                     |
| 26         | 439                   | 439                 | L                    | 1                     |
| 27         | 441                   | 441                 | D                    | 1                     |
| 28         | 443                   | 445                 | TIT                  | 3                     |
| 29         | 455                   | 463                 | EGPKGGPGM            | 9                     |
| 30         | 474                   | 478                 | KGAGL                | 5                     |
| 31         | 489                   | 495                 | RFSGGTT              | 7                     |
| 32         | 504                   | 510                 | PEAVDGG              | 7                     |
| 33         | 537                   | 555                 | AEFASRQQDFSPPPRYTT   | 19                    |