

**A**

|                          |                                          |    |    |    |                                        |    |    |
|--------------------------|------------------------------------------|----|----|----|----------------------------------------|----|----|
|                          | 20                                       | 30 | 40 | 50 | 60                                     | 70 | 80 |
| <i>Homo Sapiens</i>      |                                          |    |    |    | LQRCLEENQELRDAIRQSNQILRERCEELLHFQASQRE |    |    |
| NEMO-EEAA                | <u>GSWSVKELEDKNEELLSEIAHLKNEVARLKKLL</u> |    |    |    | LQRCLEENQELRDAIRQSNQILRERCEELLHFQASQRE |    |    |
| <i>Mus Musculus</i>      |                                          |    |    |    | LQRCLEENQELRDAIRQSNQMLRERCEELLHFQVSQRE |    |    |
| <i>Rattus Norvegicus</i> |                                          |    |    |    | LQRCLEENQELRDAIRQSNQMLRERCEELLHFQVSQRE |    |    |
| <i>Bos Taurus</i>        |                                          |    |    |    | FQRCLEENQELRDAIRQSNQMLRERCEELQHFQGNQRE |    |    |

  

|                          |                                                       |     |     |     |     |     |
|--------------------------|-------------------------------------------------------|-----|-----|-----|-----|-----|
|                          | 90                                                    | 100 | 110 | 120 | 130 | 140 |
| <i>Homo Sapiens</i>      | EKEFLMCKFQEARLVERLGLEKLE                              |     |     |     |     |     |
| NEMO-EEAA                | EKEFLMCKFQEARLVERLGLEKLELEDKNEELLSEIAHLKNEVARLKKLVGER |     |     |     |     |     |
| <i>Mus Musculus</i>      | EKEFLMCKFQEARLVERLSLEKLD                              |     |     |     |     |     |
| <i>Rattus Norvegicus</i> | EKEFLMCKFQEARLVERLSLEKLD                              |     |     |     |     |     |
| <i>Bos Taurus</i>        | EKAFLMQKFQEARLDLVRLSLEKRE                             |     |     |     |     |     |

