|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene name (symbol) | Sequences (5’-3’) | T­m | Universal ProbeLibrary Number | Product size (bp) |
| Housekeeping gene (18S) | F: aggactccggttctattttgtg | 60 | 57 | 60 |
| R: cggccgtccctcttaatc | 60 |
| Trypsin (prss) | F: cctggtcaacgagaactgg | 59 | 84 | 60 |
| R: ggagtgacatacgacttgtagca | 59 |
| Cacboxypeptidase a (cpa) | F: gctcccagtactcccaacaa | 60 | 40 | 63 |
| R: acactgctcattggacagca | 60 |
| Carboxypeptidase b (cpb) | F: gcgtgacactggtcgttatg | 60 | 27 | 60 |
| R: tcacatgtgggcttgatctg | 60 |
| Chymotrypsin- elastase (cela) | F: cggcagataactggctaagg | 59 | 111 | 70 |
| R: ccatgcagtgagaagtaggatg | 59 |
| Trypsin-inhibitor (ihit2) | F: catgtgaaataaggtatcactgttca | 59 | 2 | 95 |
| R: ctcttcttggcggctgtc |  |
| Protease inhibitor (serpinC) | F: ggggaagaggaaggaaaggt | 60 | 14 | 76 |
| R: ccaccagcatgttacctgttt | 59 |
| Protease inhibitor (serping1) | F: acatctttttctcacctctgagc | 59 | 22 | 64 |
| R: ccgtcagaagccattacgag | 60 |

Supplementary 2: Sequence of primers and probes used in present study