|  |  |  |
| --- | --- | --- |
|  | Primer name | Primer sequence |
| 5’ and 3’ cDNA ends  identification | *Hco-acr-27-F1* | ATGCCGTCTAGACGTAGGTCA |
| *Hco-acr-27-F2* | TAGCTCGTTGGTCACAATTGG |
| *Hco-acr-27-R1* | CCAATTGTGACCAACGAGCTA |
| *Hco-acr-27-R2* | CTCAGCTCCAACTCGATCAAT |
| *Peq-acr-26-F1* | TGGCGACAAGTGGCCCAAGTG |
| *Peq-acr-26-F2* | ATCCGATGTGTTCGACGAGTC |
| *Peq-acr-27-F1* | ATGCTGCCATGTGAGAGTGGC |
| *Peq-acr-27-F2* | TCGGATTGACGGTACTTCTCG |
| *Peq-acr-26-R1* | GACTCGTCGAACACATCGGAT |
| *Peq-acr-26-R2* | CACTTGGGCCACTTGTCGCCA |
| *Peq-acr-27-R1* | CGAGAAGTACCGTCAATCCGA |
| *Peq-acr-27-R2* | GCCACTCTCACATGGCAGCAT |
| Complete coding sequence  amplification | *Hco-acr-26-Fcomp* | ATGTTGATCTTCTGCTCAATT |
| *Hco-acr-26-Rcomp* | CTACTCCGGGTCCTCATAATT |
| *Hco-acr-27-Fcomp* | GGCCTCGGCTTCAGTCATGTA |
| *Hco-acr-27-Rcomp* | TCACAATTCCCACACTCGATC |
| *Peq-acr-26-Fcomp* | ATGATGGCAACTCGTCGGCGT |
| *Peq-acr-26-Rcomp* | AAAACTTTAATGCAGACCATA |
| *Peq-acr-27-Fcomp* | CTCTACTCATGCTCTGCATCA |
| *Peq-acr-27-Rcomp* | TCAAGAGTCATCATGCGAATCA |
| RT-PCR &  Quantitative-RT-PCR  Performed on *H. contortus* cDNA | *Hco-acr-26-RTF* | TACGGAAACGACCACGAGTT |
| *Hco-acr-26-RTR* | ATGGTTGCGGTCGCGAACA |
| *Hco-acr-27-RTF* | TATGCCGTCTAGACGTAGGT |
| *Hco-acr-27-RTR* | ACAGTGAAGAATAGACGATCGA |
| *Hco-actin-RTF* | ACAGGATGCAGAAAGAAATCAC |
| *Hco-actin-RTR* | TGGACAGAGAGGCAAGGATAG |
| *Hco-gapdh-RTF* | GTGTGAACCACGAGACCTACA |
| *Hco-gapdh-RTR* | TATCGTCCATGCTAGCTGGTT |
| *Hco-Btub-RTF* | CCAATTGACGCATTCACTTG |
| *Hco-Btub-RTR* | GATCAGCATTCAGCTGTCCA |
| *in-situ*  hybridiz-ation | *Hco-acr-26 HISF* | **ACTGGTGGGAATGGAGTCGCT** |
| *Hco-acr-26-HISR* | CTACTCCGGGTCCTCATAATT |
| *Hco-acr-27 HISF* | ATTTACGTCACGGAGCCGATT |
| *Hco-acr-27-HISR* | TCACAATTCCCACACTCGATC |
| pTB207  subcloning | *Hco-acr-26-FHind3* | aaaaagcttATGTTGATCTTCTGCTCAATT |
| *Hco-acr-26-RNot1* | tttgcggccgcCTACTCCGGGTCCTCATAATT |
| *Hco-acr-27-FHind3* | aaaaagcttGGCCTCGGCTTCAGTCATGTA |
| *Hco-acr-27-RNot1* | tttgcggccgcTCACAATTCCCACACTCGATC |
| *Peq-acr-26-FNot1* | tttgcggccgcATGATGGCAACTCGTCGGCGT |
| *Peq-acr-26-RNot1* | tttgcggccgcAAAACTTTAATGCAGACCATA |
| *Peq-acr-27-FNot1* | tttgcggccgcCTCTACTCATGCTCTGCATCA |
| *Peq-acr-27-RApa1* | tttttgggcccTCAAGAGTCATCATGCGAATCA |
| ppD96.52 subcloning | *Hco-acr-26-FBamH1* | tttttggatccATGTTGATCTTCTGCTCAATTAT |
| *Hco-acr-26-RKpn1* | tttttggtaccCATACTGTATCTACTCCGGGT |
| *Hco-acr-27-FBamH1* | tttttggatccGCCTCGGCTTCAGTCATGTA |
| *Hco-acr-27-RKpn1* | tttttggtaccTCACAATTCCCACACTCGATC |
| *Peq-acr-26-FBamH1* | tttttggatccATGATGGCAACTCGTCGGCGT |
| *Peq-acr-26-RKpn1* | tttttggtaccAAAACTTTAATGCAGACCATA |
| *Peq-acr-27-FBamH1* | tttttggatccCTCTACTCATGCTCTGCATCA |
| *Peq-acr-27-RKpn1* | tttttggtaccTCAAGAGTCATCATGCGAATCA |
| RT-PCR Performed on transgenic *C. elegans* | *Cel-unc-38-F* | ACCAAGTCTCCGATACGAAGA |
| *Cel-unc-38-R* | TTGACTGTGTAGAAGAGCGGT |
| *Hco-acr-26-RTF* | TACGGAAACGACCACGAGTT |
| *Hco-acr-26-RTR* | ATGGTTGCGGTCGCGAACA |
| *Hco-acr-27-RTF* | TATGCCGTCTAGACGTAGGT |
| *Hco-acr-27-RTR* | ACAGTGAAGAATAGACGATCGA |
| *Peq-acr-26-RTF* | AGTACTGGGCTTGCTATGGAT |
| *Peq-acr-26-RTR* | ATTGAGCGATGCACTGTAGGT |
| *Peq-acr-27-RTF* | GTGAGAGTGGCGAGAAAGTGA |
| *Peq-acr-27-RTR* | TATTATCGCGAGCTGACTCCA |