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| Gene |  | **Sequence 5’ - 3’** |
| *LePT4* | Forward | GAAGGGGAGCCATTTAATGTGG |
|  | Reverse | ATCGCGGCTTGTTTAGCATTTC |
| *18s Gi* | Forward | TGTTAATAAAAATCGGTGCGT |
|  | Reverse | AAAACGCAAATGATCAACC |
| *EF1-α Gi* | Forward | GCTATTTTGATCATTGCCGCC |
|  | Reverse | TCATTAAAACGTTCTTCCGACC |
| *DET 2* | Forward | GTTGGGCCTGAAGAGTCAAG |
|  | Reverse | AAACAGCTCGAGGAACCAAA |
| *DWF4* | Forward | GCAGCGCATTTAGATCCTTC |
|  | Reverse | CCATCTCAAGTTTGGCCAGT |
| *DWARF* | Forward | GAATGAAGCGAAAGGACTGG  |
|  | Reverse | GGATAACAATGCACCCCTCA |
| *Cyp85* | Forward | ATTGTGTCCTCTCGATCCTC |
|  | Reverse | GACTGTTCGAAGAGAAGAGTTCA |
| *CPD* | Forward | TGTTTCAAAATACGGCAGCA |
|  | Reverse | CCGGGATAACTCGACTCAAA |
| *CPS* | Forward | GAATTTGAGCAGGATTGGTGA |
|  | Reverse | TGTGCATGATGTCCTTTGGTA |
| *KS* | Forward | ACTGATTGCTGTTCGGAGAGA |
|  | Reverse | TGGCACCGACATATCTTTAGC |
| *GA3ox* | Forward | AATATGAAAAGGAAATGGAAAAGC |
|  | Reverse | GGTGAAGGATTGTTAATATGGTAG |
| *GAI* | Forward | TGGGTCTTCGTCTTCAGCTT |
|  | Reverse | TTGAACCCAGATGAACCG |
| *AOS 1* | Forward | GACGCATCATTCGAAATCAA  |
|  | Reverse | GCGTTTTCAGTTTCCGACCC |
| *Lox D* | Forward | GGTGTCATCGAGGCTTGC |
|  | Reverse | CCCTGTCACTGCAAACTTG |
| *JAZ 2* | Forward | TAGCTCATGCAGTGGTGGT |
|  | Reverse | ATCCGTTGTTACCATCTTCTTC |
| *JMT* | Forward | TTTACAACAACGGACAGGATA |
|  | Reverse | ACTCATCGAACAATGGTACG |
| HPL | Forward | TCTCTTCTTCCTGCACTCCA |
|  | Reverse | CCAATGCTGACAGTAGGTGC |
| PLA2 | Forward | CTAATGCTGGCCTCTCCTTG |
|  | Reverse | CCCAGGGCATCCACTATACA |
| *Lox A* | Forward | GGTTACCTCCCAAATCGTCC |
|  | Reverse | TGTTTGTAACTGCGCTGTG |
| *DES* | Forward | CCGGATGAGTTTGTACCTGA |
|  | Reverse | ATCTTTGCCTGGACATTGCT |
| *AOS 3* | Forward | GCGGAGGAGTTCAATCCAG |
|  | Reverse | CGCATGAAAAACTCCACAACC |
| *TAS14* | Forward | ACTCAAGGCATGGGTACTGG |
|  | Reverse | CCTTCTTTCTCCTCCCACCT |
| *NCED1* | Forward | ACCCACGAGTCCAGATTTC |
|  | Reverse | GGTTCAAAAAGAGGGTTAGC |
| *CCD7* | Forward | AGCCAAGAATTCGAGATCCC |
|  | Reverse | GGAGAAAGCCCACATACTGC |
| *CCD1a* | Forward | AAGCTTGAGAATTTCTGCA |
|  | Reverse | GCCTGTGTAGTTCTCGTTGAT |
| *CCD1b* | Forward | GATGCGAAAACAATGTCAGC |
|  | Reverse | ATGGTGCCAATTGAAAACAGA |
| *CGT1* | Forward | ACTCCTCTCAACGCGACTAA |
|  | Reverse | GCAATCCAGCTTCTTTACAA |
| *GAME 1* | Forward | GCATTTTGGTCCGCTCTCTC |
|  | Reverse | GCGCATTCAACCAATCTACAAC |
| GAME 6 | Forward | ATCCTACCCACCCTTTTATATAATG |
|  | Reverse | TACTGTTTTCGGACGCCA |
| *GAME 4* | Forward | TCATTTCTTGCTTTATCTTTCTAT |
|  | Reverse | TATCAATCATCCATGCCG |
| *GAME 11* | Forward | CCTCCATTGGTACTTTTATTTGC |
|  | Reverse | GCAGCAGCAGCATAGATTTGAT |
| *GAME 17* | Forward | TTCACACATGGATAACAAAGAT |
|  | Reverse | CGAGATAGTAGACCGGTAGACC |
| *CAS 1* | Forward | CGGTCCCGTATCATGAAGT |
|  | Reverse | GGTGTGGGTAGTAAAGGTCTTC |
| *PS* | Forward | CACCATGAGAAGGGAGGAGA |
|  | Reverse | CCTCCTCATGTTCCATCTTTG |
| *LHA* | Forward | GCAAATACCGTCCTGGCATA, |
|  | Reverse | CCTGTTGAGCAAGACGATGA |
| *PIN II* | Forward | GAAAATCGTTAATTTATCCCAC |
|  | Reverse | ACATACAAACTTTCCATCTTTA |
| *DXS-2* | Forward | AGACGGTCCAACGCATTGT |
|  | Reverse | CCTCTAGGAAATCGGAAACA |
| *ACS2* | Forward | TGATGGAACGGTTGATATTG |
|  | Reverse | TTAACGAACTAATGGTGAGGG |
| *ACS6* | Forward | GGATGATGCTACAATGAAGATT |
|  | Reverse | CGTACGATTAATTCCTTGCTTG |
| *ACO4* | Forward | GCTCAACAAGATGGCACTAG |
|  | Reverse | TCTCCACAGCCTTCATTG |
| CTR4 | Forward | AGTGCTTTTCATGGGTGCTG |
|  | Reverse | ATCCCCTTTGCCACATCGTA |
| EIN 2 | Forward | TCTCTGGGCTTGCTAACCAT |
|  | Reverse | AGCCCATTTCCCAGGATC |
| *EIN 3* | Forward | AGATTTCTTGACGTTTGGTG |
|  | Reverse | AGCCACCTCCACTTCCTT |
| ERF 1b | Forward | CATTGTGGTTGGAATTCTACG |
|  | Reverse | TTTCTCTATGACCGTTCTCTCG |
| *PAL3* | Forward | GTTAGAATGCCTTAAGGAATGG  |
|  | Reverse | GCTACAAACCAATATATTCAAGAG |
| *PAL 4* | Forward | GTTGTGAATGCTTGTCTAGTGC |
|  | Reverse | ATAGACATAAGCACACTGTCAC |
| *PAL 5* | Forward | GCTGAGCAACACAACCAAGA  |
|  | Reverse | AGCAGATTGGAAGAGGAGCA |
| *AROGP3* | Forward | GACAACTATGGTGCCCCTG |
|  | Reverse | CTTCACCGCCATTTGCATC |
| *PPO* | Forward | TTGGCGGACCTTATGATCTC  |
|  | Reverse | CATTGTTGTCCACGTTCAGG |
| *CYP 2* | Forward | CATCTGATTTTGACTGGCG |
|  | Reverse | GGTCACACTCATGGTCACAA |
| *SCP* | Forward | GTGGACCTGGTTGTTCAAG |
|  | Reverse | ATGGATTGTTGTGCAGAGAA |
| *FLS* | Forward | CCGTCGATTTTTCGCTACTC |
|  | Reverse | AGGCCATGATCTGAATGAGG |
| *FPS1* | Forward | CATTCTTCTTCGCAACCACA |
|  | Reverse | CGGCGATGAATAGACAATGA |
| *HMGR 1* | Forward | GGATAAGAAGCCAGCAGCAG |
|  | Reverse | CCACCACCTACGGTACCAAC |
| *BEAT* | Forward | CGCGGTAAGGTAGCAGATTT |
|  | Reverse | GAGTAGCTTTGACGCATTTATTG |
| *RBOH1* | Forward | TTTTCCAAGACCTTAACCAAGC  |
|  | Reverse | ACTTTGTTGTGCCCTTTTGGT |
| *SAND* | Forward | TTTGCTTGGAGGAACAGAC |
|  | Reverse | GAATCAGCTACATCATGCAAGA |
|  *TIP4I* | Forward | GCTGCGTTTCTGGCTTAGG  |
|  | Reverse | GACAAGGCCTGAAATGTGGT |
| *SIEF-1* | Forward | GATTGGTGGTATTGGAACTGTC |
|  | Reverse | AGCTTCGTGGTGCATCTC |