

**Table 1:****(A) Primers used in RT-PCR**

| Probe set     | Primer name | Direction <sup>\$</sup> | AT                | Primer sequence (5' - 3') | Target region |
|---------------|-------------|-------------------------|-------------------|---------------------------|---------------|
| 115.m00143_at | 115.m00143F | S                       | 55 <sup>0</sup> C | CCAAACGATACACACCCAGA      | Coding        |
|               | 115.m00143R | AS                      | 55 <sup>0</sup> C | GCAATTTGAACTTCACATCACA    | Coding        |
| 141.m00082_at | 141.m00082F | S                       | 55 <sup>0</sup> C | TCATTTGGAATTGTTTATGTTGG   | Coding        |
|               | 141.m00082R | AS                      | 55 <sup>0</sup> C | TGCACTTCCAAATCCGTTA       | Coding        |
| 2.m00545_at   | 2.m00545F   | S                       | 55 <sup>0</sup> C | GCTGCCATGACTAATGCTGA      | Coding        |
|               | 2.m00545R   | AS                      | 55 <sup>0</sup> C | AGCAACAGCAACTGGTCCTT      | Coding        |
| 226.m00092_at | 226.m00092F | S                       | 55 <sup>0</sup> C | GCAAACATGGGATACAGCAG      | Coding        |
|               | 226.m00092R | AS                      | 55 <sup>0</sup> C | ACAAGGCGCTTGTTCAACTT      | Coding        |

**(B) Primers used in PCR from bisulfite treated DNA**

| Probe set      | Primer name | Direction <sup>\$</sup> | AT                | Primer sequence (5' - 3')       | Target region |
|----------------|-------------|-------------------------|-------------------|---------------------------------|---------------|
| 64.m00187_s_at | EHsp5'bis*  | S                       | 50 <sup>0</sup> C | ATGAATAAGAAAGTGTGAATAATAG       | Promoter      |
|                | EHsp3'bis*  | AS                      | 50 <sup>0</sup> C | AACATTAATTCCACTATTTCTACTA       | Promoter      |
|                | EHsp1005*   | S                       | 50 <sup>0</sup> C | TGAGTATTTAAAGGAACCTGAAG         | Coding        |
|                | EHsp3'bis*  | AS                      | 50 <sup>0</sup> C | AACATTAATTCCACTATTTCTACTA       | Coding        |
| 115.m00143_at  | 115.mPF     | S                       | 52 <sup>0</sup> C | CTTGAAGGATAAAAAATAAGTCATATTTCTA | Promoter      |
|                | 115.mPR     | AS                      | 52 <sup>0</sup> C | ATAATCTGCATGGCATATATTTCTAATT    | Promoter      |
| 115.m00143_at  | 115.mBCF    | S                       | 48 <sup>0</sup> C | ATGTTTGTATCTTATTTTCTATTTTAAATT  | Coding        |
|                | 115.mCR     | AS                      | 48 <sup>0</sup> C | GTTCCAGTACATACAATTTTACCT        | Coding        |
| 141.m00082_at  | 141.mBPF    | S                       | 52 <sup>0</sup> C | TATTGAACACTGCTCTAAATCCACT       | Promoter      |
|                | 141.mBPR    | AS                      | 52 <sup>0</sup> C | GTGTAGTACTGAATAAACACTTTTCTT     | Promoter      |
|                | 141.mBCF    | S                       | 53 <sup>0</sup> C | TTGATATAACTAATTCACCTACATTCCAA   | Coding        |
|                | 141.mBCR    | AS                      | 53 <sup>0</sup> C | GATCCTTCTCCTATTTTCTTTTCTTCT     | Coding        |
| 97.m00140_at   | 97.mPF      | S                       | 50 <sup>0</sup> C | ATTACTCCTTCCCTCTCTTCTT          | Promoter      |
|                | 97.mPR      | AS                      | 50 <sup>0</sup> C | CCATTRTCATTTCTCTCAACC           | Promoter      |
| 194.m00103_at  | 194.mPF     | S                       | 50 <sup>0</sup> C | GACTRCACCCAATTTCCACCT           | Promoter      |
|                | 194.mPR     | AS                      | 50 <sup>0</sup> C | CCATCCAATAAATTCCTTCTT           | Promoter      |
| 687.m00016_at  | 687.mBPF    | S                       | 53 <sup>0</sup> C | CTTTCARACACTTAACAAATCTTCTTCA    | Promoter      |
|                | 687.mBPR    | AS                      | 53 <sup>0</sup> C | ARATTCTCTCAAATACACTTCCCAC       | Promoter      |
| 3.m00674_at    | 3.mBPF      | S                       | 49 <sup>0</sup> C | GTTATTCAATTATACTTTATACCAAACA    | Promoter      |
|                | 3.mBPR      | AS                      | 49 <sup>0</sup> C | TCATTTTARTTCTTTTTTCTTATACCACT   | Promoter      |
| 160.m00098_at  | 160.mBPF    | S                       | 50 <sup>0</sup> C | CTAATAAAATTTTCTTACACCTAACTCA    | Promoter      |
|                | 160.mBPR    | AS                      | 50 <sup>0</sup> C | CTTCTTTATTTTTTCCATAATATTCTTTCT  | Promoter      |
| 26.m00304_at   | 26.mBPF     | S                       | 48 <sup>0</sup> C | TAAACTARACCATTTATTCAACAATT      | Promoter      |
|                | 26.mBPR     | AS                      | 48 <sup>0</sup> C | RRTTCTTCTTCCATAATTTATTATTA      | Promoter      |
| 2.m00545_at    | 2.mBPF      | S                       | 50 <sup>0</sup> C | TTACTTCTCGTTATTCTATTAATATAAAC   | Promoter      |
|                | 2.mBPR      | AS                      | 50 <sup>0</sup> C | GATTATTTTTTGCCATCCATTTATCAA     | Promoter      |
|                | 2.mBCF      | S                       | 50 <sup>0</sup> C | CTAAATTTACAAAAAACTAATATACTCTC   | Coding        |
|                | 2.mBCR      | AS                      | 50 <sup>0</sup> C | TAGAGCCACCATTACATCCATTA         | Coding        |
| 226.m00092_at  | 226.mBPF    | S                       | 49 <sup>0</sup> C | CTATTGATATTGAAATGCAAAAAACAAT    | Promoter      |
|                | 226.mBPR    | AS                      | 49 <sup>0</sup> C | TGATATATCAACTTAAACAACTTACTA     | Promoter      |
|                | 226.mBCF    | S                       | 50 <sup>0</sup> C | GTTCTTCTAGATTATTAATAAACCATTC    | Coding        |
|                | 226.mBCR    | AS                      | 50 <sup>0</sup> C | AACACTTCCTTTATCTATTTTATTTCC     | Coding        |

AT = Annealing temperature used in the PCR, <sup>\$</sup>S = Sense, AS = Antisense, R = A or G

\*These primers were taken from Bernes et al, 2006