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**Table 1.** List of *SiSOD* primers and their features.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene ID | Accession no. | Metal cofactors | mRNA and protein RefSeq no. | Exon junction | Sequence | Tm | Amplicon  length |
| *SiSOD1* | LOC105166989 | Mn | NM\_001319689.1, NP\_001306618.1 | 343/344 (reverse primer) on template NM\_001319689.1 | AGGGCGACTCCTCCACAGTT  TCGCCACCACCTTCACGAAT | 63  62 | 118 |
| *SiSOD2* | LOC105159637 | Cu-Zn | XM\_011076755.2, XP\_011075057.1  ; XM\_020693267.1, XP\_020548926.1  ; XM\_011076753.2, XP\_011075055.1 | 273/274 (reverse primer) on template XM\_011076755.2 | AAAGCGGTGGCCGTCATCTC  GGTGCTGGGGGAGTGTGTTG | 63  63 | 83 |
| *SiSOD3* | LOC105168242 | Fe | XM\_011088244.2, XP\_011086546.1 | 903/904 (reverse primer) on template XM\_011088244.2 | TCTGCCTGGGTTTGGTTGGT  AAGCATGCTCCCACACGTCC | 62  63 | 130 |
| *SiSOD4* | LOC105160801 | Mn | XM\_011078291.2, XP\_011076593.1 | 421/422 (reverse primer) on template XM\_011078291.2 | GCGCCATTGCCAAGGGAGAT  GTTCACCACCCCCTTGACGG | 63  63 | 132 |
| *SiSOD5* | LOC105160768 | Fe | XM\_011078246.2, XP\_011076548.1 | 759/760 (reverse primer) on template XM\_011078246.2 | TTCTGGTTGGGCTTGGCTCG  GCAGTGGGGAGTGATCCCAG | 63  62 | 149 |
| *SiSOD6* | LOC105164171 | Cu-Zn | XM\_011082770, XP\_011081072.1 | 369/370 (forward primer) on template XM\_011082770.2 | GCCGGAGCTGCTGACTGAAT  CGACCAGTCTGCTCCAAGGC | 63  63 | 186 |
| *SiSOD7* | LOC105156927 | Cu-Zn | XM\_020693000.1, XP\_020548659.1 | 231/232 (forward primer) on template XM\_020693000.1 | CCCAGGAAGGAGATGGCCCAA  GGTGTCACCAAGGGCATGGA | 64  63 | 95 |
| *SiSOD8* | LOC105169947 | Cu-Zn | XM\_011090495.2 , XP\_011088797.1 | 622/623 (forward primer) on template XM\_011090495.2 | GCTGATGGTGTGGCTGAAGCA  AACGTCCACCAGCATTGCCA | 63  63 | 160 |