**Supplementary Table S2.** Primer position and annealing temperature of *mrjp2* gene primers (Zhang et al. 2019) used for honey authentication

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Primer names** | **Primer Nucleotide (5'–3')** | **Primer Position** | **Annealing Temperature (◦C)** | | | |
| *Apis mellifera* | | *Apis cerana* | |
| Honey | Bees | Honey | Bees |
| 1 | M-F | **GCCATCCCTTGAAATTGTCACTCGT** | Exon 1:  39-63  (*A. mellifera*, Gene ID 406091) | 50 | 50-59 | 47 | 47-55 |
| 2 | M-R | **GCCATCCCTTGAAATTGTCACTCGT** | Exon 3:  626-649  (*A. mellifera*, Gene ID 406091) |
| 3 | C-F | **TTTAACAATAAAAATAATCAGAAGA** | Exon 7:  83-1307  *(A. cerana*, AY392758) | 47-55 | 47-55 | 47-55 | 47-55 |
| 4 | C-R | **TTACATCCTAATTGATTTTAATGCG** | Exon 7:  1470-1494  (*A. cerana* AY392758) |