|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primer | Sequence (5’-3’) | Pair with | Size (bp) | amplicon |
| VA1.F | CCCCTTAGGTTGCAAATGCTCC | VA8.R | 2072 | crtE |
| VA8.R | AATTGACAAGGCCTGACCACAAC | VA1.F |  |  |
| VA3.F | GGAGGTACTGGCCTAGCGTC | VA9.R | 2690 | crtI |
| VA9.R | AATGAGGGTGTACAATGCTAATAGGACG | VA3.F |  |  |
| VA4.F | TTGGCGTTAATTGTAGCTTATTTCCCG | VA10.R | 1637 | KanMX |
| VA10.R | AGGACGGTGGCCGTTCTAAA | VA4.F |  |  |
| VA5.F | GACTAAGACTCTGGTCACGGTTCAG | VA11.R | 2963 | crtYB |
| VA11.R | ACCACTCGGGCATAGTCCG | VA5.F |  |  |
| VA6.F | TGCACGGCGCTAGGTGTG | VA2.R | 2516 | tHMG1 |
| VA2.R | CTTCGCTTACATACCCATGACGG | VA6.F |  |  |