**Supplementary Table 4**  Primers for real-time PCR analysis of mRNA expression

|  |  |  |
| --- | --- | --- |
| Protein | Orientation | Sequence (5′–3′) |
| DIRC2 | Forward | TTATTTCCCACCCCGACCTCC |
|  | Reverse | AGACCAGCCAGCAAATACACC |
| THTR1 | Forward | CAAGTTACTGTCGAAGTGCCA |
|  | Reverse | GCAGGTAGAAGGAATGTGGTGAA |
| THTR2 | Forward | TCCCCGTTTGGACATACTCCT |
|  | Reverse | GCTTGTAGCGGACATAATCGGT |
| UBC | Forward | CTGGAAGATGGTCGTACCCTG |
|  | Reverse | GGTCTTGCCAGTGAGTGTCT |
| GAPDH | Forward | CGGAGTCAACGGATTTGGTCGTAT |
|  | Reverse | AGCCTTCTCCATGGTGGTGAAGAC |