S1 Table. Primers and PCR conditions used to amplify the coding region of *VDR*.

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| --- | --- | --- | --- |
| Primer | Sequence 5’-3’ | Product size (bp) | Annealing temperature |
| VDRe3F | AGCTGGCCCTGGCACTGACTCTGGCTCT | 267 | 60 |
| VDRe3R | ATGGAAACACCTTGCTTCTTCTCCCTC |
| VDRe4F | TTGGAGAAATGGAGACCAGG | 327 | 60 |
| VDRe4R | AGACCCTCTGCCCAAACTT |
| VDRe5-6F | TAAAGCCCCTCCTATCTTGG | 648 | 60 |
| VDRe5-6R | TTCCATTAGGGAGCCTTCCA |
| VDRe7F | ACCAGGTTTTTGCAGGGTCT | 338 | 60 |
| VDRe7R | GGTGGATGAGTGATCTCCAA |
| VDRe8-9F | AAAGACCCAGGGTGCATGTT | 699 | 60 |
| VDRe8-9R | TTTGCTACGTCTCCCTTCAG |
| VDRe10F | TTGAGTGTCTGTGTGGGTGG | 866 | 60 |
| VDRe10R | GGGCAATGGGATGTTGGTGG |