**Table 2.** Description of investigated genes, used primers and amplicon sizes in RT-PCR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene abbrevation** | **Gene names (synonyms)**  | **GenBank# Accession number** | **Sense, antisense primer** | **Amplicon size (bp)** |
| VDR | vitamin D receptor | NM\_000376.2 | 5'–gtttgattttagctgcagaacg–3'5'–agagacagggtttctccatgtt–3' | 277 |
| CTLA4 | cytotoxic T-lymphocyte-associated protein 4 | [NM\_005214.4](http://www.ncbi.nlm.nih.gov/nucleotide/339276048) | 5**’–**agtatgcatctccaggcaaagc**–**3’5'–ccagaggaggaagtcagaatctg–3' | 316 |
| CD28 | T-cell-specific surface glycoprotein CD28 | NM\_006139 | 5'–gtttgagtgccttgatcatgtgc–3'5’–ggcgatctgcttcaccaaaatc–3' | 238 |
| CD45RABC | protein tyrosine phosphatase, receptor type C, PTPRC | NM\_002838.4 | 5'–ggcaaagcccaacacctt–3'5'–tgtggttgaaatgacagcg–3' | 577 |
| CD45RAB | 434 |
| CD45RBC | 380 |
| CD45RB | 236 |
| CD45RO | 95 |
| GAPDH | glyceraldehyde-3-phosphate dehydrogenase | NM\_002046.5 | 5'- ccatcaatgaccccttcattgacc–3'5'–gaaggccatgccagtgagcttcc–3' | 605 |

#gene sequences available online at [www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov), primers were designed using PrimerQuest software