**Table S2. Primers**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene** |  | **Primer** | **Length** | **Product size** | **Tm** | **GC%** |
| *CSF3R* | F | CTGACCAGACTCCATGCCAT | 20 | 101 | 59.45 | 55 |
| R | AGGCCCCACTCAATCACATA | 20 |   | 58.4 | 50 |
| *SYK* | F | TTTTTCGGCAACATCACC | 18 | 78 | 58.01 | 44.44 |
| R | CAGCAAATAAAGCCCATCAC | 20 |  | 58.24 | 45 |
| *HCK* | F | GCTGGAGAAGAAACTTGGAGC | 21 | 104 | 58.19 | 52.38 |
| R | ACATGCTCCCTGGCTTCAT | 19 |   | 58.99 | 52.63 |
| *CEACAM1* | F | GATCCTATACCTGCCACGCC | 20 | 127 | 60.04 | 60 |
|  | R | ACTGTGGTCTTGCTGGCTTT | 20 |  | 60.11 | 50 |

GC%, guanine-cytosine content percentage; Tm, melting temperature.