**TABLES**

**Table 1. Primers Designs from Universal Probe Library.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Genebank** | **Oligonucleotides** | **Probe UPL** |
| **IL-1β** | **NM\_000576.2** | tacctgtcctgcgtgttgaa  tctttgggtaatttttgggatct | ♯78 |
| **IL-6** | **NM\_000600.3** | gcccagctatgaactccttct  cttctcctgggggtactgg | ♯ 68 |
| **IL-8** | **NM\_000584.2** | agacagcagagcacacaagc  atggttccttccggtggt | ♯72 |
| **IL-10** | **NM\_000572.2** | cataaattagaggtctccaaaatcg  aaggggctgggtcagctat | ♯45 |
| **IFN-γ** | **NM\_000619.2** | ggcattttgaagaattggaaag  tttggatgctctggtcatctt | ♯21 |
| **TNF-α** | **NM\_000594.2** | cgctccccaagaagacag  agaggctgaggaacaagcac | ♯57 |
| **MMP3** | **NM\_002422.3** | caaaacatatttctttgtagaggacaa  ttcagctatttgcttgggaaa | ♯36 |
| **MMP9** | **NM\_004994.2** | gaaccaatctcaccgacagg  gccacccgagtgtaaccata | ♯6 |
| **NFKB1**  **(p50)** | **•NM\_003998.3, •NM\_001165412.1** | ctggcagctcttctcaaagc  tccaggtcatagagaggctca | #22 |
| **NFKB1**  **(p65)** | **•NM\_002502.3, •NM\_001077493.1, •NM\_001077494.1** | cacatgggtggaggctct  actggtaggggctgtaggc | #10 |
| **GAPDH** | **NM\_002046.3** | agccacatcgctcagacac  gcccaatacgaccaaatcc | ♯60 |

**•Assays were designed to detect both transcript isoforms, UPL (Universal Probe Library)**

**Table 2. Demographic characteristics of patients with GERD and Controls.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| n=98 | **EE** | **BE** | **NERD** | **Control** |
| Frequency n(%) | 23 (23.47) | 16(16.53) | 42(42.65) | 17(17.35) |
| Age years (IQ) | 50(34-60) | 56(42-64) | 46(40-62) | 45 (32-52) |
| Gender F(%) | 12 (52.17) | 9 (56.25) | 32(76.19) | 13 (76.47) |

**EE Esophageal esophagitis, BE Barrett´s esophagus, NERD Non-erosive reflux disease, F Female**