**Supplementary Table 2**

The primers used for qRT-PCR to amplify the six-IRG signature from HNSCC patients.

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| **Genes** | **Genes ID** | **Sequence** |
| CHGB Forward primer | NG\_042285.1 | TCAGCATGGCCAGTTTAGGG |
| CHGB Reverse primer | CTCTGTGATGGCGTCCCTTT |
| STC2 Forward primer | NM\_003714.2 | TGTCCCTGCAGAATACAGCG |
| STC2 Reverse primer | AGCGTGGGCCTTACATTTCA |
| DKK1 Forward primer | NM\_012242.4 | TGGAACTCCCCTGTGATTGC |
| DKK1 Reverse primer | AATAGGCAGTGCAGCACCTT |
| PLAU Forward primer | NG\_011904.1 | CCAGGGTCCACCTGTCCC |
| PLAU Reverse primer | CTTCATCTCCCCTTGCGTGT |
| TNF Forward primer | NG\_007462.1 | CGACAGCAGAGACGAGGATG |
| TNF Reverse primer | CCTGTCCTCACAGATTGCGT |
| PDGFA Forward primer | NG\_029727.1 | GGTCGCTCCTGAAGCCAG |
| PDGFA Reverse primer | GGAGGAGAAACAGGGAGTGC |
| GAPDH Forward primer | NM\_001115114.1 | GCACCACCAACTGCTTAGCA |
| GAPDH Reverse primer | GTCTTCTGGGTGGCAGTGATG |