

| <b>NAME</b>                  | <b>Primer (5'-3')</b>      | <b>Annealing temperature (°C)</b> |  |
|------------------------------|----------------------------|-----------------------------------|--|
| hNanog-qF                    | CCAGCTGTGTGTACTCAATGATAG   | 59                                | Taqman PCR for human Nanog             |
| hNanog-qR                    | ATTGCTATTCTTCGGCCAGTTG     |                                   |  |
| hNanog-Probe                 | ACCTCAGCCTCCAGCAGATGCAAGA  |                                   |  |
| hOCT4-qF                     | GTGGTCCGAGTGTGGTTCTGT      | 60                                | Taqman PCR for human OCT4              |
| hOCT4-qR                     | GCATAGTCGCTGCTTGATCG       |                                   |  |
| hOCT4-Probe                  | ACCGGCGCCAGAAGGGCAA        |                                   |  |
| hAFP-qF                      | TTACAAAATGCGTTTCTCGTTGC    | 59                                | Taqman PCR for human AFP               |
| hAFP-qR                      | ACTGGAGTCATTTTCATGTCTGATAC |                                   |  |
| hAFP-Probe                   | AATGTCAGCCGCTCCCTCGCCAC    |                                   |  |
| hGAPDH-qF                    | GGACCTGACCTGCCGTCTAG       | 61                                | Taqman PCR for human GAPDH             |
| hGAPDH-qR                    | TAGCCCAGGATGCCCTTGAG       |                                   |  |
| hGAPDH-Probe                 | CCTCCGACGCCTGCTTCACCACCT   |                                   |  |
| hNotch1-sybr-s               | GGCCACCTGGGCCGGAGCTTC      | 65                                | SYBR PCR for human Notch1              |
| hNotch1-sybr-a               | GCGATCTGGGACTGCATGCTG      |                                   |  |
| hSMO -sybr-s                 | ATCTCCACAGGAGAGACTGGTTCGG  | 64                                | SYBR PCR for human SMO                 |
| hSMO-sybr-a                  | AAAGTGGGGCCTTGGGAACATG     |                                   |  |
| hNOX2-sybr-s                 | ACCTCACTGGCTGGGATGAGTCTC   | 65                                | SYBR PCR for human NOX2                |
| hNOX2-sybr-a                 | ATCCCAGTTGGGCCGTCCATACA    |                                   |  |
| hNOX4-sybr-s                 | TGCCATCTGGTGAATGCCCTCA     | 66                                | SYBR PCR for human NOX4                |
| hNOX4-sybr-a                 | CCCTGTCAGGCCAGGAACAGTTGT   |                                   |  |
| hP22 <sup>phox</sup> -sybr-s | TCCTGCATCTCCTGCTCTC        | 59                                | SYBR PCR for human P22 <sup>phox</sup> |
| hP22 <sup>phox</sup> -sybr-a | CACAGCCGCCAGTAGGTAG        |                                   |  |
| hP47 <sup>phox</sup> -sybr-s | TGCCAACTACGAGAAGACCTC      | 60                                | SYBR PCR for human P47 <sup>phox</sup> |
| hP47 <sup>phox</sup> -sybr-a | ACAGAACCACCAACCGCTCT       |                                   |  |
| hP67 <sup>phox</sup> -sybr-s | CGGACAAGAAGGACTGGAAG       | 57                                | SYBR PCR for human P67 <sup>phox</sup> |
| hP67 <sup>phox</sup> -sybr-a | ACATGCAGCCAATGTTGAAG       |                                   |  |
| hRac-sybr-s                  | CAAGCAGAGGCTTGGCGGGG       | 66                                | SYBR PCR for human Rac                 |
| hRac-sybr-a                  | TGGGGCTTGAAGGGTGGGCT       |                                   |  |