

| Gene            | 1 <sup>st</sup> PCR-Primer | Sequence (5' to 3')           | 2 <sup>nd</sup> PCR-Primer | Sequence (5' to 3')           |
|-----------------|----------------------------|-------------------------------|----------------------------|-------------------------------|
| <b>MAP6</b>     | MAP6-F1                    | GATGGTTTTTTAGTTTTGTTAGGTGG    | MAP6-F2                    | TATTAGGAYGTYGGTAGGAAGGAG      |
|                 | MAP6-R1                    | CCRACCTCCTCTTTCTTCTTATAATTC   | MAP6-R2                    | AAATCTCTATAATCTTCCTTCAACCTCC  |
| <b>EOMES</b>    | EOMES-F1                   | TTAGYGTGTGAGTTGGGAGGAG        | EOMES-F2                   | GGGGGTTTTGAGGAGTAAGAGG        |
|                 | EOMES-R1                   | CTACCAAAAACACTCCCCTAACTACATAC | EOMES-R2                   | ACRACAACAACTACTTCCTCTCCTCC    |
| <b>ARHGAP20</b> | ARHGAP20-F1                | AAGAGGTTAGGYGATGTTGTGG        | ARHGAP20-F2                | TGTTGTGGGTTTTTAAATTTGTATAGTTG |
|                 | ARHGAP20-R1                | TCAACCCTCCTCCAACCTAAAC        | ARHGAP20-R2                | TCCAACCTAAACCCTCCTAACCTC      |
| <b>CNTFR</b>    | CNTFR-F1                   | GGTGGGGTYGATTGTGGATTAG        | CNTFR-F2                   | GATTGTGGATTAGAGGGAGGTG        |
|                 | CNTFR-R1                   | CAAACRCACAAACCAAAAACTTAC      | CNTFR-R2                   | ACCAAAAAAACTTACAAAAAACACACT   |
| <b>PITX2</b>    | PITX2-F1                   | AAAAGTGAATGTGTYGTTGTAGTGAG    | PITX2-F2                   | ATTATATTTGYGTTTGTATATTTTATAGG |
|                 | PITX2-R1                   | CCAAACTCCATACTAACTCCTACCC     | PITX2-R2                   | AATTAATCCACACAACAATTTCTTC     |
| <b>CALCA</b>    | CALCA-F1                   | TAAAGAGYAGGYAGGTGTGAYAGTG     | CALCA-F2                   | GGYYAGAAGAGTATYTGAGGTG        |
|                 | CALCA-R1                   | CCTARRRRCTAATTTCTACTCTACCTC   | CALCA-R2                   | AARCTTCTTCTTRCCACTCTRRAC      |
| <b>CHFR</b>     | CHFR-F1                    | GGGGATGAYTYYTAGGAGTAGAAG      | CHFR-F2                    | AGATYYGAAGTYTGAGGYAYAGGG      |
|                 | CHFR-R1                    | ARRTCTCARRCTAATCTCRAACTCCT    | CHFR-R2                    | TCCTACCTARRCCTTCCAAARCAC      |
| <b>TRANK1</b>   | TRANK1-F1                  | GGAGGGTYGYAYYAGGAYYG          | TRANK1-F2                  | GGGAAGYGYTTYTGTGGGYAGG        |
|                 | TRANK1-R1                  | RRCCGATCACTTTCTTTACCTCC       | TRANK1-R2                  | ATTCRAARCACTCRITTTATTCAAA     |
| <b>MLH1</b>     | MLH1-F1                    | AAGGYAAGAGAATAGGYTTTAAAGT     | MLH1-F2                    | TGYTTGTGATATYTGAGATAAGT       |
|                 | MLH1-R1                    | CTTRCRRCTTTCTAACRTT           | MLH1-R2                    | RACRCCCAAAAARAARCAARAT        |
| <b>WNT3A</b>    | WNT3A-F1                   | TAATYYGATAATAATTTTTYTYTYG     | WNT3A-F2                   | TYTYTTYGAGATGGTTYAGGAG        |
|                 | WNT3A-R1                   | RTCCATTCAARRRTARAACACA        | WNT3A-R2                   | RCCRACAARACAAARATCCTA         |
| <b>WNT5A</b>    | WNT5A-F1                   | ATYGGYTYGTAAAYTGATTATG        | WNT5A-F2                   | TGAAAYATAYGATGTTAATTYGGA      |
|                 | WNT5A-R1                   | CCTCTCARATAATTTCAARCATAC      | WNT5A-R2                   | AATTTTCAARCATACAARTTTAAACAAC  |
| <b>ATP2B4</b>   | ATP2B4-F1                  | GGAGGYTYAGAGTGYAGYTATT        | ATP2B4-F2                  | YYTATTTTYAGTAATYTGATTAGGGGT   |
|                 | ATP2B4-R1                  | CTRTRCTCCTTTRACTTTRACCT       | ATP2B4-R2                  | CTTTRACTTTRACCTTRAATCTARARAC  |