

TABLE S2. List of oligonucleotide sequences used for PCR

| SPECIE | PRIMER | SENSE | ANTISENSE |
|--------|---------------|---------------------------------|-----------------------------------|
| Human | β actin | 5'-CGCAAGTACTCCGTGTGGA-3' | 5'-CGGCCACATTGTGAACTTTG-3' |
| Human | Delta1 | 5'-ATCTGCCTGCCTGGATGTGATG-3' | 5'-AGACAGCCTGGATAGCGGATACAC-3' |
| Human | Delta4 | 5'-TTGGATGAGCAAACCAGCACCC-3' | 5'-TGACAGCCCGAAAGACAGATAGG-3' |
| Human | Jagged1 | 5'-CAACCGTGCCAGTACTATTTCTGC-3' | 5'-TGTTCCCGTGAAGCCTTTGTTACAG-3' |
| Human | Jagged2 | 5'-AACGATACCACCCCGAATGAGG-3' | 5'-GCTGCCACAGTAGTTCAGGTCTTTG-3' |
| Human | Hes1 | 5'-TACCTCTCTCCTTGGTCCTGGAAC-3' | 5'-CAGATGCTGTCT TTGGTTTATCCG -3' |
| Human | SOX9 | 5'-GGAGAGCGAGGAGGACAAGTTC-3' | 5'-TTGAAGATGGCGTTGGGGG-3' |
| Human | CD44 | 5'-AACCACACCACGGGCTTTTGAC-3' | 5'-CCTTCTTCCTGCTTGATGATGACCTCG-3' |
| Human | NOX1 | 5'-CCAGCAGAAGGTTGTGATTACCAAG-3' | 5'-CAAGATAGAAGCAAAGGGGGTGAC-3' |
| Human | KLF5 | 5'-CCAGACAAGCATCCAGGAGAAGTTG-3' | 5'-AGATTGGGGAACCGACAGTGAAGG-3' |
| Human | EpHB3 | 5'-AAAGTGGGTGGGAAGAGGTGAG-3' | 5'-GATGTTGGGGATGCTGTTGC-3' |

| SPECIE | PRIMER PROMOTER | SENSE | ANTISENSE |
|--------|-----------------|---------------------------------|--------------------------------|
| Human | SOX9 | 5'-ATGAGAGACACCACCAATGCCTCC-3' | 5'-GAGAGATAGAAGTTTGCCAATGCG-3' |
| Human | CD44 | 5'-ATAGATGGATGGGCGGATGGAAGG-3' | 5'-ATAGGGCTGGCATTGGCTCAG-3' |
| Human | Hes1 | 5'-GCCGCCAGACCTTGTGCCTG-3' | 5'-CCGGATCCTGTGTGATCCCTAG-3' |
| Human | KLF5 | 5'-CTCTGAAGTGATGAATAGGCTGTGG-3' | 5'-GGGAGGACGGAACAATAAACTGC-3' |
| Human | NOX1 | 5'-TGCTGAATCTTCCTGTTGCC-3' | 5'-TCTTGATGAGCCCAATAATCGG-3' |
| Human | EpHB3 | 5'-CTTAGGCTTTTCGGCTCTACAATG-3' | 5'-GCAAGACAGGCACTTAGTCCTC-3' |
| Human | Jagged1 | 5'-AGAACTCAAGCCCCAAACCG-3' | 5'-CACTCCTGGTCATAATCAAGGTCG-3' |