**Supplementary Table S4.** RT-qPCR primers for selected murine and orthologous human genes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organism** | **Gene** | **Transcript** | **Forward (5‘-3‘)** | **Reverse (5‘-3‘)** |
| Mouse | *Bmp10* | NM\_009756 | GACTCCTGGATCATCGCTCCTC | CAAGGCCTGAATAATTGCGTGTT |
|   | *Adm* | NM\_009627 | GACGTGAATGTCTCAGCAAGGTG | GGCGATAATCAGGCGCTCTC |
|   | *Ppp1r1b* | NM\_144828 | ATGGACTGGCAGAGGCTGCT | GCTGGAGGACAAGGAGAACCAG |
|   | *Mapk10* | NM\_009158  | TGAAAGGGAGCACACCATCG | CGAGGGCTGGCCTTTGACTA |
|   |  | NM\_001081567.1 |  |   |
|   | *Kcnc4* | NM\_145922 | GCTGTCCTCTTGTGTGTGTGTCTG | TTGGTACTCGAGCACAGCATGA |
|   | *Irx3* | NM\_008393 | CAGATCGCTGTAGTGCCTTGGA | GCGTCCAGATGGTTCTGTGG |
|   | *Pitx2c* | NM\_001042502 | GAGGTGCATACAATCTCCGATA | TGCCGCTTCTTCTTGGAC |
|   | *Scn4b* | NM\_001013390 | CATGGTTTAGTCCTCTGGCTTGG | CACGGCCCACCACTGTATTG |
|   | *Ryr3* | NM\_177652 | TGTGTTCCAGAAGGACAACTCCA | GCAAGTGCAGTGTCATGACGTAAG |
|   | *Gapdh* | NM\_008084.2 | CCAATGTGTCCGTCGTGGAT | TGCCTGCTTCACCACCTTCT |
| Human | *Bmp10* | NM\_014482.1 | AAGCCTATGAATGCCGTGGTG | AGGCCTGGATAATTGCATGCTT |
|   | *Adm* | NM\_001124  | CGTGAATGTCTCAGCGAGGTG | CCTTCTTCCACACAGGAGGTAATCA |
|   | *Ppp1r1b* | NM\_032192.2  | TTCCCTTAATCACCCTTGCTCCT | GCATTCCTGGCATCAAAGCA |
|   |  | NM\_181505.2 |  |   |
|   | *Mapk10* | NM\_002753.3  | TTGCACTCTGACCATGTTGGTG | TCATCAACCATCCACTTCCTGTCT |
|   |  | NM\_138980.2 |  |   |
|   |  | NM\_138981.2 |  |   |
|   |  | NM\_138982.2 |  |   |
|   | *Kcnc4* | NM\_001039574.2  | TGTCTGCATGCCTCCAACTGT | TGCAGGTGCTCACACAGCAG |
|   |  | NM\_004978.4 |  |   |
|   | *Irx3* | NM\_024336.2 | CCGCATTCGCTGTGAGGTT | ACACACACAAAGGCAGACACGTT |
|   | *Pitx2c* | NM\_000325.5 | CACCATCTCCGACACCTCCA | GCCCACGTCCTCATTCTTCC |
|   | *Pitx2* | NM\_153427.1  | GCTTGCGAGCAAGGGAGTGTA | CATTGCATCCACCAGAGAAACTATTC |
|   |  | NM\_153426.1 |  |   |
|   |  | NM\_000325.5 |  |   |
|   | *Scn4b* | NM\_001142348.1  | CCTCTGGCTTGGATGACAACAA | AGAGGCACTCGCACACCTGA |
|   |  | NM\_001142349.1 |  |   |
|   |  | NM\_174934.3 |  |   |
|   | *Ryr3* | NM\_001036.3 | ATTTCTTCCCAGCCGGTGACT | TCCAGAATTGTCGCGCTTCTT |
|   | *Actb* | NM\_001101.3 | TCAAGATCATTGCTCCTCCTGAG | ACATCTGCTGGAAGGTGGACA |