

**Table S5 PCR primers**

Genes	Forward	Reverse
<i>mHoxB4</i>	5'-TGGATGCGCAAAGTTCACGTG-3'	5'-ATCTTGGTGTGGGCAACTTG-3'
<i>hHOXB4</i>	5'-AGAACCCCCTGCACCCCA-3'	5'-AGAACCCCCTGCACCCCA-3'
<i>Runx1</i>	5'-TCCTATGACCAGTCCTACCAG-3'	5'-CCGTAGTATAGATGGTAGGAG-3'
<i>Gata1</i>	5'-AAAGATGGAATCCAGACGAGG-3'	5'-GTCAAGGCTATTCTGTGTACC-3'
<i>Gata2</i>	5'-AGTGCATGCAAGAGAAGTCAC-3'	5'-ATGGCAGTCACCATGCTGGAC-3'
<i>Hbb-bh1</i>	5'-AGTCCCCATGGAGTCAAAGA-3	5'-CTCAAGGAGACCTTTGCTCA-3'
<i>Hbb-b1</i>	5'-CTGACAGATGCTCTCTTGGG-3'	5'-CACAACCCAGAAACAGACA-3'
<i>Scl</i>	5'-TGAAGATGGCACGGTCTTCTC-3'	5'-ATGGGAGAAAGGCAAGGCAG-3'
<i>Brachyury</i>	5'-TGCAGTCCATGATAACTGG-3'	5'-TACTGGCTGTCAGAAATGTC-3'
<i>Flkl</i>	5'-ATCTCCAGAACAGTAAGCGAAA-3'	5'-TCCCTGAGTCAGCGTGAA-3'
<i>Gapdh</i>	5'-CTTACCACCATGGAGAAGGC-3'	5'-GGCATGGACTGTGGTCAT-3'

PCR primers used in this study are listed.