

Supplementary Material

Table S1 Genotyping primer sequences, qPCR primer sequences and immunohistochemistry/immunofluorescent antibodies

Genotyping Primers	Forward	Reverse
Hand1 275-448	5'-GCCCAAACGAAAAGGCTCAG-3'	5'-AGCACGTCCATCAAGTAGGC-3'
Sry	5'-AACAACTGGGCTTTGCACATTG-3'	5'-GTTTATCAGGGTTTCTCTCTAGC-3'
Nifa	5'-TGCTGTGTTCTGGTCAGTCAAG-3'	5'-CAAAGCAAATCTCCATGCTCGG-3'
qPCR Primers	Forward	Reverse
Angiopoietin 1	5'-GCACGAAGGATGCTGATAAC-3'	5'-AACCACCAACCTCCTGTTAG-3'
Angiopoietin 2	5'-GCACAAAGGATTCTGGACAAT-3'	5'-AAGGACCACATGCGTCAAA-3'
Vascular endothelial growth factor α	5'-TTAAACGAACGTACTTGACAGATG-3'	5'-AGAGGTCTGGTTCCCGAA-3'
Placenta growth factor	5'-GACCTATTCTGGAGACGACA-3'	5'-GGTTCCTCAGTCTGTGAGTT-3'
Angiopoietin 1 Receptor (Tie2)	5'-GATTTTGGATTGTCACGAGGTCA-3'	5'-CACCAATATCTGGGCAAATGATGG-3'
Antibodies for IHC and IF	Source	Concentration
Hand1 goat	R&D Systems AF3168	1:100
CD-31 (IF) goat	R&D Systems AF3628	1:100
CD-31 (IHC) rabbit	Abcam ab28364	1:100
Cytokeratin 7 rabbit	Abcam ab199718	1:800
Biotinylated anti-Goat	Vector BA-5000	1:200
Biotinylated anti-Rabbit	Vector BA-1000	1:200
Alexa Fluor 488 anti-Goat	Invitrogen A11078	1:200
Alexa Fluor 647 anti-Rabbit	Invitrogen A32795	1:200
Alexa Fluor 555 anti-Goat	Invitrogen A27017	1:200