

Supplementary Table 2A

Gene	Specie	Sequence
Hoxa1	Gallus gallus	ACAACCATGCCCTGTCTCC
		GCTTGGTGGTGAAGTTGGTC
Hoxa2	Gallus gallus	GAAAGAGAAAAAGGCGTCCA
		AAGAGCTGCGTGTTGGTGTA
Hoxa3	Gallus gallus	TTCCCGTGGATGAAAGAGTC
		GTTCTACCAGCTGGGCACTT
Hoxa4	Gallus gallus	GGAAGAAGGACCACAAGCTG
		TCTCCCTCCTTCATTTCCT
Hoxa5	Gallus gallus	GATACCTGACCCGAGAAGA
		ACAATGTGAATGGCCAGGAG
Hoxa6	Gallus gallus	TACACGAGCCCTGTTACCC
		AGAGCGTTCGCAATCTCAAT
Hoxb1	Gallus gallus	AACACCATTGCGACCAACTT
		GGCGAGACCTTCCTTTTCC
Hoxb2	Gallus gallus	AAAGCTACCCAGGCTCCATC
		CAGGAGCTGTGTGTTGGTGT
Hoxb3	Gallus gallus	AAGCAGATTTTCCCTGGAT
		ACAGGTAGCGGTTGAAGTGG
Hoxb4	Gallus gallus	TCTTGCAAAGAGCCGGTAGT
		CTCGGAGAGGCACAGAGAAT
Hoxb5	Gallus gallus	CACTCCAATAAGCAGCAGCA
		TTTTCCAACCTCCAGGGTCTG
Hoxb6	Gallus gallus	GAGAGCGAGGAGCAAAAGTG
		AGGTAGCGGTTGAAGTGGA
Hoxc4	Gallus gallus	TATCCACCACCTCCACCACT
		TTTTCCAGCTCCAAAACCTG
Hoxc5	Gallus gallus	AGGGCTCTGCAGAAATCAAA
		GCCGGGTGAGGTATCTGTTA
Hoxc6	Gallus gallus	GCCCTCAATTCAACTGCCTA
		ACAGACATCAATCGCACAGG
Hoxd1	Gallus gallus	AGAGGAGGAGCAGAAACCCAG
		TTTGACAGGAAGGGAGGAAGAC
Hoxd3	Gallus gallus	CACCTACACGGACCTCTCCT
		CTTCGGGGGCTACACGTAC
Hoxd4	Gallus gallus	TCGAGATAGCGACACACTTG
		CAGAGCAGCTACCTAGGCGA
Gapdh	Gallus gallus	TGTCCTCTCTGGCAAAGTCC
		TGCCCATTTGATCACAAGTTT
GusB	Gallus gallus	CGTACCAGCCACTACCCCTA
		TTATCCCTGCGGATCAGTTC

Primer sequences and corresponding Hox genes for qRT-PCR
(*Gallus gallus*).

Supplementary Table 2B

Gene	Specie	Sequence
Hoxa1	Rattus norvegicus	CACCAAGAAGCCTGTCGTTCTGCGGGCTCTTGTTAGGTA
Hoxa2	Rattus norvegicus	ACCCCTGGATGAAGGAGAAGGGGTCTGCAGAGGTACTTG
Hoxa3	Rattus norvegicus	CCACCGTGGGCAAACAAATCGGTAGCGTTGAAGTGATGA
Hoxa4	Rattus norvegicus	GGTGGTGTACCCCTGGATGAGACTTGCTGCCGGGTATAGG
Hoxa5	Rattus norvegicus	ACCCACATCAGCAGCAGAGTTCTGGGCCACCTATGTTGT
Hoxa6	Rattus norvegicus	ACCGACCGGAAGTACACAAGAGGTAGCGTTGAAGTGGAA
Hoxb1	Rattus norvegicus	ACCTGCCCCTCAGAACCTACTTGTTGAAGTTGGTGCG
Hoxb2	Rattus norvegicus	AAGAAATCCGCCAAGAAACCAGCAGTTGCGTGTGGTAT
Hoxb3	Rattus norvegicus	ACTCCACCCTCACCAACAGGCTGCGCGCTTGTGTATG
Hoxb4	Rattus norvegicus	AAGTTGCCCAACACCAAGATGATTACCTCCAGCGACCA
Hoxb5	Rattus norvegicus	AGGGGCAGACTCCACAGATAGGGTCAGGTAGCGATTGAAG
Hoxb6	Rattus norvegicus	GACCTACCCCGCTACCAGAACTGAGCTGAGACGCACTGA
Hoxc4	Rattus norvegicus	GCCCATAGTCTACCCTTGGAAGGTGAGGTAGCGGTTGTAA
Hoxc5	Rattus norvegicus	AGAGCAGTGGGGAGATCAAACTCTGGTAGCGCGTGAACCTG
Hoxc6	Rattus norvegicus	ACAGACCTCAATCGCTCAGGGCCGAGTTAGGTAGCGGTTG
Hoxd1	Rattus norvegicus	CAGCACTTTCGAGTGGATGATCTGTTTCATCCTCCGGTTC
Hoxd3	Rattus norvegicus	GGCCCAATGCTTCTAGCTCAGTGGAAGTCTTCTCCAGCT
Hoxd4	Rattus norvegicus	GTCGTGGTCTACCCCTTGATACTTGCTGTCTGGTGTAGGC
Gapdh	Rattus norvegicus	GGGCAAGGTCATCCCTGAGGAGGTCCACCACCCTGTTGC
GusB	Rattus norvegicus	CCGTGGAACAGGGAATGAGCTCAGGTGTTGTCATCGTCA
Nkx2.5	Rattus norvegicus	ACCGCCCCTACATTTTATCCGACAGGTACCGCTGTTGCTT
cTnt	Rattus norvegicus	GGCGTTGGAAATAGATGGAAATTCCTGACGTGGTGTGG

Primer sequences and corresponding Hox genes for qRT-PCR
(*Rattus norvegicus*).