

## Supplementary Data

SUPPLEMENTARY TABLE S1. DETAILS OF PRIMERS USED FOR ANALYSIS OF *Hoxc11* GENE  
IN WATER BUFFALO *BUBALUS BUBALIS*

<i>S. No.</i>	<i>Primer ID</i>	<i>Primer sequence (5'-3')</i>	<i>Mers</i>	<i>T<sub>m</sub></i>	<i>Annealing temperature (°C)</i>	<i>Size of the amplicon (bp)</i>	<i>Nucleotide position of the primers in the sequence</i>
Full-length amplification of <i>Hoxc11</i>							
1	SA2407	ACCAATCGCCTGAACGTCCC	20	70.5	62	1380	1–20
	SA2408	TCCAATGCCTCTCTTTCCA	20	64.9			1361–1380
2	SA2409	ATCGCGGGCAATATTAACTTT	21	63.2	60	1400	1200–1220
	SA2410	TGTCCCTGTCCCACATGGAG	20	68.6			2580–2599
3	SA2411	AACTGGACTGTGGCCAGG	18	64.0	56	930	2501–2518
	SA2412	AATGAAGTATCTTTATTTGCC	21	54.2			3410–3430
Relative expression of <i>Hoxc11</i>							
4	SALR6F	AGCTGCGCCTCCAACCT	17	66.3	60	58	79–95
	SALR6R	TGGAGAACTCGGGCACGTA	19	66.9	60		118–136
Relative expression of <i>Hoxc11</i> interacting partners							
5	<i>POU3F3</i> (SALR128)	CCTGTACGGCAACGTGTTCTC	21	66.7	60	83	2358–2378
	<i>POU3F3</i> (SALR129)	TGAGCTTGCACATGTTCTTGAA	22	65.7	60		2419–2440
6	<i>TBX4</i> (SALR130)	GCAGACCATCGAGAACATCAAG	22	65.9	60	70	207–228
	<i>TBX4</i> (SALR131)	GCCCCCCTCGTGGAA	15	67.7	60		262–276
7	<i>NUP98</i> (SALR132)	GCCCCGATCGACTTGCT	17	66.6	60	70	2462–2478
	<i>NUP98</i> (SALR133)	TGAGCTCCCTGTTTCCTTGAA	21	66.0	60		2511–2531
8	<i>Hoxa9</i> (SALR133)	ACTTTGTCCCTGACTGACTATGCTT	25	65.0	60	65	451–475
	<i>Hoxa9</i> (SALR134)	TCGCTGGGCTGTTTTTCTCT	20	66.1	60		496–515
9	<i>MEIS1</i> (SALR134)	GCCAATGGGAGGTTTTGTTATG	22	66.0	60	60	1059–1080
	<i>MEIS1</i> (SALR135)	GGTCCTGGTGCCCTGATTC	19	66.9	60		1100–1118
10	<i>DDX10</i> (SALR136)	GATTATGCCCTGTCTCTTGGTCTT	24	65.3	60	73	1492–1515
	<i>DDX10</i> (SALR137)	TGGGTTGCTTTTGCATTCTCT	21	65.7	60		1544–1564