

lnc2300 promoter Genome Sequences Consensus	GGTACCCCCCTCCCTTAGGTTGGAA TAGTAAATTTATCTAAGGATAATCATCTTAATAACACTAGAAAAATAGGACTGGTTGCTTATGAACAATGCCAA GGACACCCCCCTCCCTTAGGTTGGAAATAGTAAATTTATCTAAGGATAATCATCTTAATAACACTAGAAAAATAGGACTGGTTGCTTATGAACAATGCCAA ggaaacccccctcccttaggttggaaatagttaaatattactaaggataantcatcctaataaacactagaaantaggactggttgcttatgancaatgccaa	99 100
lnc2300 promoter Genome Sequences Consensus	TATATCATTTACCTTAAAGATAACGATTGGTACAGAACAGATTGGGTACAGATGATCAGGAATATACTGGATGGCACCTAATGGAAGTCTTGGCTAAAT TATATCATTTACCTTAAAGATAACGATTGGTACAGAACAGATTGGGTACAGATGATCAGGAATATACTGGATGGCACCTAATGGAAGTCTTGGCTAAAT tatatcatttaccttaagataacgataggtagaganaacagattgggtcagatgacaggaatatactggatggcacctaatggaaagtcttggctaaaat	199 200
lnc2300 promoter Genome Sequences Consensus	TCTTATTTATGACCCCTATTACTGCTACTAGCTATATTACTTATATCTGCCTATTTTACAAAATTTACTGTTGCTTGTATTATACAACGTGTGACTGAGTC TCTTATTTATGACCCCTATTACTGCTACTAGCTATATTACTTATATCTGCCTATTTTACAAAATTTACTGTTGCTTGTATTATACAACGTGTGACTGAGTC tcttatttatgacctattactgctactagctatattacttatattctgcctattttacaaaattactgttgcttgattataaatagtgttaattctagatatgggaag	299 300
lnc2300 promoter Genome Sequences Consensus	TCCAATAAAAAATGATGACTAGGCAACTTGAACAATTGACCAAAATGTAGTGCTAGATAAGATCAGTGATTATAATAGTGAATCTAGATATGGGAAG TCCAATAAAAAATGATGACTAGGCAACTTGAACAATTGACCAAAATGTAGTGCTAGATAAGATCAGTGATTATAATAGTGAATCTAGATATGGGAAG tccaataaaaaatgatgactaggcaacttgaacaatttgaccaaatatgtagtctagataagatcagtgattataaatagtgttaattctagatatgggaag	399 400
lnc2300 promoter Genome Sequences Consensus	AAGCAACAAGAGATAATCTTTTCTCGGACCGTAACTAGTCAGACTAGTTAGATGCATGGTCCAGAGACTTTGGGCTACTGTTAACAGGGCCTAGTCTAGG AAGCAACAAGAGATAATCTTTTCTCGGACCGTAACTAGTCAGACTAGTTAGATGCATGGTCCAGAGACTTTGGGCTACTGTTAACAGGGCCTAGTCTAGG aagcaacaagagataaatctttctcggaaccgttaactagtcagactagttagatgcatggfccagagactttgggctactgttaacagggcctagtctagg	499 500
lnc2300 promoter Genome Sequences Consensus	TAAACAGCACTGAGTGATCTCTCCCTGAAATCAC TGGAAATGAGTGACCTAGGAATGCACATGCCTAGTGCCATGGAACAACTGGTCAATGAAATACCCCT TAAACAGCACTGAGTGATCTCTCCCTGAAATCAC TGGAAATGAGTGACCTAGGAATGCACATGCCTAGTGCCATGGAACAACTGGTCAATGAAATACCCCT taacagcaactgagtgatctctccctgaaatcactggnaatgagtgacctaggaatgcacatgcctagtgcctggaacnaactggctaatgnaataccccc	599 600
lnc2300 promoter Genome Sequences Consensus	CAAACTTGGTCAAAATTTATGACCAAAACGGGGGAAGCGGAAACAAAAATGTGCCCCCATCCAGGTCTACCTAGAGTATACCTTAAAGGAATTCAG CAAACTTGGTCAAAATTTATGACCAAAACGGGGGAAGCGGAAACAAAAATGTGCCCCCATCCAGGTCTACCTAGAGTATACCTTAAAGGAATTCAG caaaccttggtaaatttatgaccaaaacgggggaagcggaanaacaaaatgttgcccccatacaggctctacctagagatataccctaaaaggaaattcag	699 700
lnc2300 promoter Genome Sequences Consensus	GGTGAAAATTAGGAATGAGGCCCTCTGTGCTCTGGGAAATGACAGAACAAGCCCTCAGAGAGTTAGATGTTTTCAGGAAAAAATTACACGAATCCAGA GGTGAAAATTAGGAATGAGGCCCTCTGTGCTCTGGGAAATGACAGAACAAGCCCTCAGAGAGTTAGATGTTTTCAGGAAAAAATTACACGAATCCAGA ggtgaaaattaggaatgaggccctctgtgctctgggaaaactgacganaacagccctcagagagttagatgttttcaggnaaaaattacacgaatccaga	799 800
lnc2300 promoter Genome Sequences Consensus	TTCTCGTATCTTCCCATACTTAGAAAAAGCACTAAAATCATCAACTAAGATGTTTGTCTTTGTGACTGGCAGTATCCTTCTACCGAGATGTGTGCGTGAC TTCTCGTATCTTCCCATACTTAGAAAAAGCACTAAAATCATCAACTAAGATGTTTGTCTTTGTGACTGGCAGTATCCTTCTACCGAGATGTGTGCGTGAC ttctcgtatcttcccatacttagaaaagcactaaaatcatcaactaagatgtttgttctttgtgactggcagtatccttctacagagatgtgtgctgtgac	899 900
lnc2300 promoter Genome Sequences Consensus	TGCAGCTACCTACCTCTTCCATGTCAGACATACTGGCTCCCTCCTTACCTCTTCAGAGCAGTTCTTAGAGCTATCTGAGAGCGGTCTCTGGGCCAT TGCAGCTACCTCTTCCATGTCAGACATACTGGCTCCCTCCTTACCTCTTCAGAGCAGTTCTTAGAGCTATCTGAGAGCGGTCTCTGGGCCAT tgcagctaccacccctccaaaaacacagacatactggcctccctcccttacctcttcagagcagttcccttagagctatctgagagcggtctcctgggccat	999 1000
lnc2300 promoter Genome Sequences Consensus	AGTCCTCAGTTAAGTCCCCAAATAAACTGAAACTCACAGCTCTCAGCTTGTGCAATTTTGTGTTAGTCCATATCTCTGATGTCAGCTGAGCCTCCCAA AGTCCTCAGTTAAGTCCCCAAATAAACTGAAACTCACAGCTCTCAGCTTGTGCAATTTTGTGTTAGTCCATATCTCTGATGTCAGCTGAGCCTCCCAA agtctcagtttaagtccccaaataaaactgaaactcacagctctcagcttgtgcaatttttgtttagttccatatactctgatgtcagctgagcctcccaa	1099 1100
lnc2300 promoter Genome Sequences Consensus	CCGCAAGCAAAATGTGCAAAATTACCGTTTAAACATGTTCCCTGAGCTGGAGGCAGTTGCTTCTTTGTTCAACCCAAGGTTACAGCAAGAAAAACAAAAG CCGCAAGCAAAATGTGCAAAATTACCGTTTAAACATGTTCCCTGAGCTGGAGGCAGTTGCTTCTTTGTTCAACCCAAGGTTACAGCAAGAAAAACAAAAG ccgcaagcaaaatgtgcaaaattaccgtttaaacaatgttccctgagctggaggcagttgcttcttltgtcaacccaagggttacagcaagaaaaacaaaag	1199 1200
lnc2300 promoter Genome Sequences Consensus	GAGTGATTTTTTCCCTTTCTCTGTTCTTCTTTTCCCTTCCCTGCTGCTGCAGAGATGGCGCTAGAAAAGCTTTTGTGTTTAGCACACTGAAGCTCTGAGG GAGTGATTTTTTCCCTTTCTCTGTTCTTCTTTTCCCTTCCCTGCTGCTGCAGAGATGGCGCTAGAAAAGCTTTTGTGTTTAGCACACTGAAGCTCTGAGG gagtgatTTTTTccctttctctgttctttctttcttcttctgctgctgcagagatggcgctagaaagcttttgtgttttagcacactgaagctctgagg	1299 1300
lnc2300 promoter Genome Sequences Consensus	GGTGGCGAGGCCCTTGGCTGCTGACCCAGCCCTTGCTTAATTGGCCCTGCAGGAGCCAGGCCAGCTAATTGAGCAGGCTCTGGACAATGGGGCTGGGGG GGTGGCGAGGCCCTTGGCTGCTGACCCAGCCCTTGCTTAATTGGCCCTGCAGGAGCCAGGCCAGCTAATTGAGCAGGCTCTGGACAATGGGGCTGGGGG ggtggcgaggcccttggctgctgacccagcccttgcttaattggccctgcaggagccaggccagctaatgagcagggtctggacaatggggctggggg	1399 1400
lnc2300 promoter Genome Sequences Consensus	TGGGCTGCTTGGGGAGGGGCTTCTAGAGAGGCTCTGTTTTCTTCCCATTT TGGGCTGCTTGGGGAGGGGCTTCTAGAGAGGCTCTGTTTTCTTCCCATTT tgggctgcttggggaggggcttctagagaggtctgttttcttcccattt	1456 1457

**Supplementary Fig. S1** Sequence amplification of the lnc2300 promoter region.  
lnc2300 promoter region identity with the reference genome sequence of *Sus scrofa* (Duroc pig).