

Supplementary Table 1. A list of reference genes analysed in this study.

Gene	Accession number/genomic position
Chicken W chromosome	
<i>ATPA1W</i>	AF165968, AF301554, AF301566, AF301578
<i>CHD1W</i>	chrW:119324-154298
<i>FET1W</i>	AY113681
<i>HINTW</i>	AB026678
<i>IDN3W</i>	chrW:4895795-4915038
<i>MADH2W</i>	chrW_random:30295-70678
<i>RASA1W</i>	chrW_random:230045-256483
<i>SPINW</i>	chrW:46172-102390
<i>UBAP2W</i>	chrW_random:98337-167584
Chicken Z chromosome	
<i>CHD1Z</i>	NM_204941
<i>HINTZ</i>	AB026676
<i>IDN3Z</i>	chrZ_random:10359307-10362789
<i>MADH2Z</i>	chrZ:93350-113394
<i>RASA1Z</i>	chrZ:31304002-31319694
<i>SPINZ</i>	chrZ:9440955-9483829
<i>UBAP2Z</i>	chrZ_random:7019616-7036844
Human Y chromosome	

<i>BPY2</i>	chrY:25617418-25622631
<i>CDY</i>	BC069087
<i>DAZ</i>	chrY:24217676-24276834
<i>DBY</i>	chrY:14025513-14038699
<i>EIF1AY</i>	chrY:21586676-21596645
<i>PRY</i>	chrY:27044694-27057214
<i>RPS4Y</i>	chrY:2341190-2380065
<i>SMCY</i>	AF273841
<i>TB4Y</i>	chrY:14824881-14825804
<i>TSPY</i>	chrY:8878075-8880655
<i>TTY1</i>	chrY:5961428-5961610
<i>TTY2</i>	chrY:9192288-9192361
<i>USP9Y</i>	chrY:13672721-13980006
<i>UTY</i>	chrY:14370401-14426651
<i>XKRY</i>	NM_004677
<i>ZFY</i>	chrY:2467108-2493164

Supplementary Table 2. Number of sequence variants of *HINTW* from genomic sequence reads of chicken. The minimum number of differences for interpreting any two reads as representing different variants is 1, 2 or 3 bp.

	Functional			Non-functional/Intronic		
	≥ 1 bp	≥ 2 bp	≥ 3 bp	≥ 1 bp	≥ 2 bp	≥ 3 bp
Exon 1	21	13	7	32	28	25
Exon 2	14	5	1	36	20	10
Exon 3	27	14	8	19	19	18
Intron 1				25	18	14
Intron 2				45	35	26