

Dynamic Expression of *HSP90B1* mRNA in the Hypothalamus of Two Chinese Chicken Breeds under Heat Stress and Association Analysis with a SNP in Huainan Chickens

YI WAN, CHENDONG MA, PEIPEI WEI, QI FANG, XING GUO,
BANGYUAN ZHOU, RUNSHEN JIANG

College of Animal Science and Technology, Anhui Agricultural University, Hefei, P.R. China

Supplementary Online Material (SOM)

Supplementary Table S1. Fifteen primer pairs designed to amplify the exons of *HSP90B1*

Primer pair	Forward (5'–3')	Reverse (5'–3')	Annealing temperature (°C)	Amplicon length (bp)
HSP90B1-1	TGCGGTGGGGTTCTAC	CCAACGTCTCTTCCCG	55.6	254
HSP90B1-2	TTGCCTTACCTAGACCGTTATT	ACTGGCTATCATCCTGCATTTC	56.9	865
HSP90B1-3	GGCTGCTTGACAGATTTCC	GTCATGCCAATACCCGTAT	56.6	704
HSP90B1-4	CTGAAGAGCAGTGACAGGGAC	CATAGAAGGCCCGATCAAAC	56.8	1016
HSP90B1-5	GAGAACACATCATGGATCGT	GAAGAGTCAGGAAATAGACC	55.2	451
HSP90B1-6	AATGCAGCAGAAGAATGGT	GCTTGAAC TCCCAAAGATT	55.0	441
HSP90B1-7	GTGGGTGTGATTTCTGTTAC	AGCCAACCAAAGAGATAATA	54.2	599
HSP90B1-8	ACTTCTGCATGAGTAACCC	AGCCTTTGGATGAACAACC	55.8	495
HSP90B1-9	ACGATGATCCAATGGCTTAC	CTCCTTTCTGCTGGCACCTG	60.0	981
HSP90B1-10	CGTGGCTTGTTTGATGAGTAT	CTCCCTCCTTTGCTACATTCT	57.0	1252
HSP90B1-11	GGAGGGAAGGAAGAAGAGTT	GTTACCAGACCATCCGTACT	56.4	800
HSP90B1-12	TGTAGCAAAGGAGGGAGTTA	CAAATACCACTGATGAGCCT	55.4	715
HSP90B1-13	GGCTCATCAGTGGTATTTG	CAGGCTACTTGGAGGATAA	53.4	929
HSP90B1-14	GGTTTATCCTCCAAGTAGCC	AGTAATTTGTGCCACGGTTT	56.0	382
HSP90B1-15	TGTAAGTGTGGCACTTAGA	TTCACATCCTTCTCTTGACC	54.7	137