

## Bisphenol A deteriorates egg quality through HDAC7 suppression

### SUPPLEMENTARY MATERIALS

Supplementary Table 1: All the primers used in this study were listed

Gene Symbol name	>Primer sequence	>Tm(°C)	
HDAC4	F: ATGAGCTCCCAAAGCCATC R: CTACAGTGGTGGTTCCTCCTCC	52	For full length cloning
HDAC5	F: ATGCTGCTGGTGCCATGCTGCT R: TTACCTGGGGCTGTGCTCTTGAGTGG	56	
HDAC7	F: ATGGACCTGCGGGTGGGC R: CTAGAGGTTTCATGGGTTCT	58	
HDAC9	F: ATGAGCTCGCCGGTGCAGC R: TCACAAGGCTGGCTCCTC	55	
HDAC1	F: TGA CTCACAATTTGCTG R: CTGTATTCAGACATATTATCTGGGC	55	For qPCR assay
HDAC2	F: GGATCCATGGCGTACAGTCAAGGAGGC R: GCGGCCGCTCAAGGGTTGCTGAGTTGTTC	60	
HDAC3	F: TTATGGTCTCTATAAGAAGATGAT R: AGGCTCTTGGTGAAACCCTG	58	
HDAC4	F: CAGACACCCCTTGTCACAGGCCTGG R: GCCTGTGCGTTCTGCGGCAGG	60	
HDAC5	F: GGCACCCAGCAAGCATCAGCAAGCA R: ATGGGCATCACTACTGTCC	55	
HDAC6	F: CTAAATGACTTCCATTGCCTTT R: AGGTGGGGCCAGAAGCGACCATGTTCA	55	
HDAC7	F: GCAGTCAGTCCACTCTGAAC R: GCGAGCGGATGGCACTGAGG	60	
HDAC8	F: AATGATGCTGTCCTGGGAATATTACGATTG R: GGAGAACTTGTGCAGGGACACAG	58	
HDAC9	F: GTAGCAGCTCTCCAGGGTCA R: GCACTTCTGTTTGTCTTTGA	55	
HDAC10	F: CTTTGCCCATCTCACACAGCTG R: GAAGGGGAGGTGTGGGGTCACC	58	
GAPDH	F: CGTCCCCTAGACAAAATGGT R: TTGATGGCAACAATCTCCAC	58	
CDF9	F: AAAGTTTCCATTGCTGCTGCTC R: TCTGATGTAACGGGCTCTTGG	60	For ChIP-qPCR assay
BMP15	F: tcccttgggcttgtgtggggcct R: AAGTAGGGCCTCAGCCAGAAG	60	
JAG1	F: TACTAGCGTTTTACGGGCG R: TCGAACAGGAGGAGCAGAGAGCGA	59	
ATF4	F: TCCCATCTTCGGTGTAGCG R: GTAACAAAGCAGTAGAGGCATTCG	59	
CTCF	F: GTGGGTACAGCGGCAGATA R: ACGATTGGGTAGTTCCGGCATT	60	