

Table S5 Primers used in present study

Gene	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')
qRT-PCR		
TRINITY_DN43874_c0_g1	AGCAGGTTACCCAGACATTG	GTCTGGAAGATTCAGCAGCAAG
TRINITY_DN27544_c0_g1	TATGGTAACCTATTAGTGGCGG	GTTGGTGCTTCCATACTCAGGTT
TRINITY_DN19476_c0_g1	TATGGTAACCTATTAGTGGCGG	TGGTGCTTCCATACTCAGGTTTG
TRINITY_DN2688_c0_g1	GCCATAATACAGCCTGGTCCTC	ACTGAAATGCTGCCGACACG
TRINITY_DN35534_c0_g1	GATACCACTTCAACCGTGCCTC	CTTTGCGTCATCAATGGCTTC
TRINITY_DN35879_c0_g1	CAGCGAAGCGTAGAAGAAATC	TCTCTCCAGCACTCTCTCCACG
TRINITY_DN18701_c0_g1	GAATCAAGCCTTAGGACAAACCC	GGAGATACTACGCCTTGGTTT
TRINITY_DN15504_c0_g1	GGCATCAAATCCACCAAGACAT	TATGTCCCGAACTTCACCAGAG
TRINITY_DN1531_c0_g1	GAGGCTGTATCAACTCGCAACG	GATTCTGAACCTCGCCGTGT
TRINITY_DN31194_c0_g1	CTGTCAAAGCAACTGTCGTGGT	GTTGAACAGTAAGCACTAACAGCGT
TRINITY_DN36890_c0_g1	TTCAACTCGCAACATCCGC	CACCTTCTCCTTCTTCACTCCCG
TRINITY_DN38601_c0_g1	CGGTGGTGAGATTCAAGCAGC	CCAAAACAGAATCACAACCACC
TRINITY_DN21602_c0_g1	CAATCACTTTGTTTCCAAGAGCC	CGAAATCCCTCCAGAACAAGAC
NADHD4	AGGGTTAGTGAGCACCATGC	ATAGCCAAAGGGAATACGCC
Ectopic expression or silencing		
H2B.7	CgACgACAAGACCCTATGGCGCCAAAGGGAGAGAAGA	gAggAgAAgAgCCCTTAAGAAGTTGTAAACTTGGTG
Hap3	CgACgACAAGACCCTAGGAGCTGAGCAAGCTTTTG	gAggAgAAgAgCCCTGCATGCCAGTAGCACTTGTC
H2A.3	CgACgACAAGACCCTGCGCCAGTTTACCTATCTGC	gAggAgAAgAgCCCTGAACCAACCGATATTGCTG
RT-PCR		
HAP3	CCCGCAGTTTTGTTTACAGAT	GCATGCCAGTAGCACTTGTC
H2A.3	CAAAGGTTGTGAATGGGTGA	CTTATCCTTGTTACCAAAAGACCTC
Actin	CCCTCCCACATgCTATTCT	AGAGCCTCCAATCCAGACA