Supplementary Table S1 Nucleotide sequences of primes used in this study.

Primer name	Nucleotide sequence (5'-3')
AoatrAsense	T <u>GTCGAC</u> GACCATGGCTTCGCACAAGAAGAG
AoatrAanti	TCTAGAGATCACGTCCTCCACATA
AoatrG(TF)sense	T <u>GTCGAC</u> ACCATGTCTCTTCTGGGGACAAT
AoatrG(TF)anti	TCTAGA CAAAAGTAAACAGAAGGAAC
AoatrHsense	T <u>GTCGAC</u> AAAATGGCACTGCCTCGCG
AoatrHanti	TCTAGA GGAATAGTGAAGCCCGTG
AoatrGsense	CTCTATACGCTCAACGTCCC
AoatrGanti	CGACATAATCGAGCTTCTCC
datrAupFw	AGCACCAATGAGAAATTGAAAATCAAAACT
datrAupRvpyrG	GCGGGGATGGAGATCTCGACCGGCGTAGGAATCCTTGCCGG
datrAdwFwpyrG	GAGCCCAAGGCGCTGCAGCAGGGCTACAACATTACAATATACAGCACA
datrAdwRv	TAGAAGTGTTGGGGAGAGAGA
datrGupFw	GAATTTTCTGGCCATCATTTGCC
datrGupRvpyrG	GCGGGGATGGAGATCTCGACCGGTGGTTGGAAGGTAGAGATG
datrGdwFwpyrG	GAGCCCAAGGCGCTGCAGCAGGAATCTGGATCCAGATTGTCGTTC
datrGdwRv	CGCCGTGACATCTTGACAAT
datrHupFw	ACTCCGTACGCTGTCAGGATGAC
datrHupRvpyrG	GCGGGGATGGAGATCTCGACCTTTTGATGTCGCGGACGATTCAATGGA
datrHdwFwpyrG	GAGCCCAAGGCGCTGCAGCAGGAAGCCGAAGAAAACAAGGCCGC
datrHdwRv	GGAAGGGAAGCTCATCCTTCCCA
AnpyrGFw	GGTCGAGATCTCCATCCCCGC
AnpyrGRv	CCTGCTGCAGCGCCTTGG
AnsCFw	AAATCCAAAATATGGCTCCTCGTTCG
AnsCRv	GCTTCTCTTGGCAATAGCTGCCCG
datrAupRvsC	CGAACGAGGAGCCATATTTTGGATTTGGCGTAGGAATCCTTGCCG
datrAdwFwsC	GGGCAGCTATTGCCAAGAGAAGCGCTACAACATTACAATATACAGCACA
datrHupRvsC	CGAACGAGGAGCCATATTTTGGATTTTTTGATGTCGCGGACGATTCA
datrHdwFwsC	CGGGCAGCTATTGCCAAGAGAAGCAAGCCGAAGAAAACAAGGCCGC
AomdrAsense	CCCTGTTCTACAATCCTGCC
AomdrAanti	TGATAAATTGGGTGCTGGTG

Restriction sites are underlined.