

Table S1 List of primers used for sequence validation of factors involved in RNA-directed DNA methylation

Name	Primer sequence (5' to 3')
RPB1F	TGGATGAGTTGCGTGTGGTTAT
RPBR1	TAGCCAAATGCCGGTAGTTGAC
RPB1R2	GTAGGGCTGTATGAAGGAGAAGTTG
NRPE1F	GAATCACCAGCAAAGCCTGTCT
NRPE1R1	TGCCTCGTGCGATTTCTT
NRPE1R2	CAGCATTTCGTGCCATCACAAG
NRPD2F	CCTCCTGGTTGTATCCTTGGTG
NRPD2R	CGAAAAGACAGCATGCCCAGAC
RDRP6F	CCTGGACACTGCCTGATTCATTC
RDRP6R1	GCTAAAAGATGATTCCCTCCT
RDRP6R2	GCCCGAATCAAACCTCATGCTTG
RDRP6R3	CTTGGTGCATCAGTAGCGTAATCC
CMTF	CGACGAGACGCCTAGTGTGATG
CMTR1	CTGATTGGCATTGCCTTTG
CMTR2	GACACTTGCTTAAACCATCCATAGG
DRDF	GATGTGGTTTGAGTGGAGTGAATATTG
DRDR	CATCTTCTCTCAAATGGGGCTC
DCL3bF	GAATGACCCTTGACTGCTCTCG
DCL3bR	GAATGACCCTTGACTGCTCTCG
DRMF	TGGTGATAGGCTCGAACACATG
DRMR	GACTTCGCCAATAACCAGATC
MET1F	ACGAATTCAAAGCATCCAGGT
METR	GTTCCGGTAGGCACCATGGAATC
NRPD1F	TTGCTTATGGCTGCAGATTGC
NRPD1R	TGGAGATGAGATGGATGCTTGA