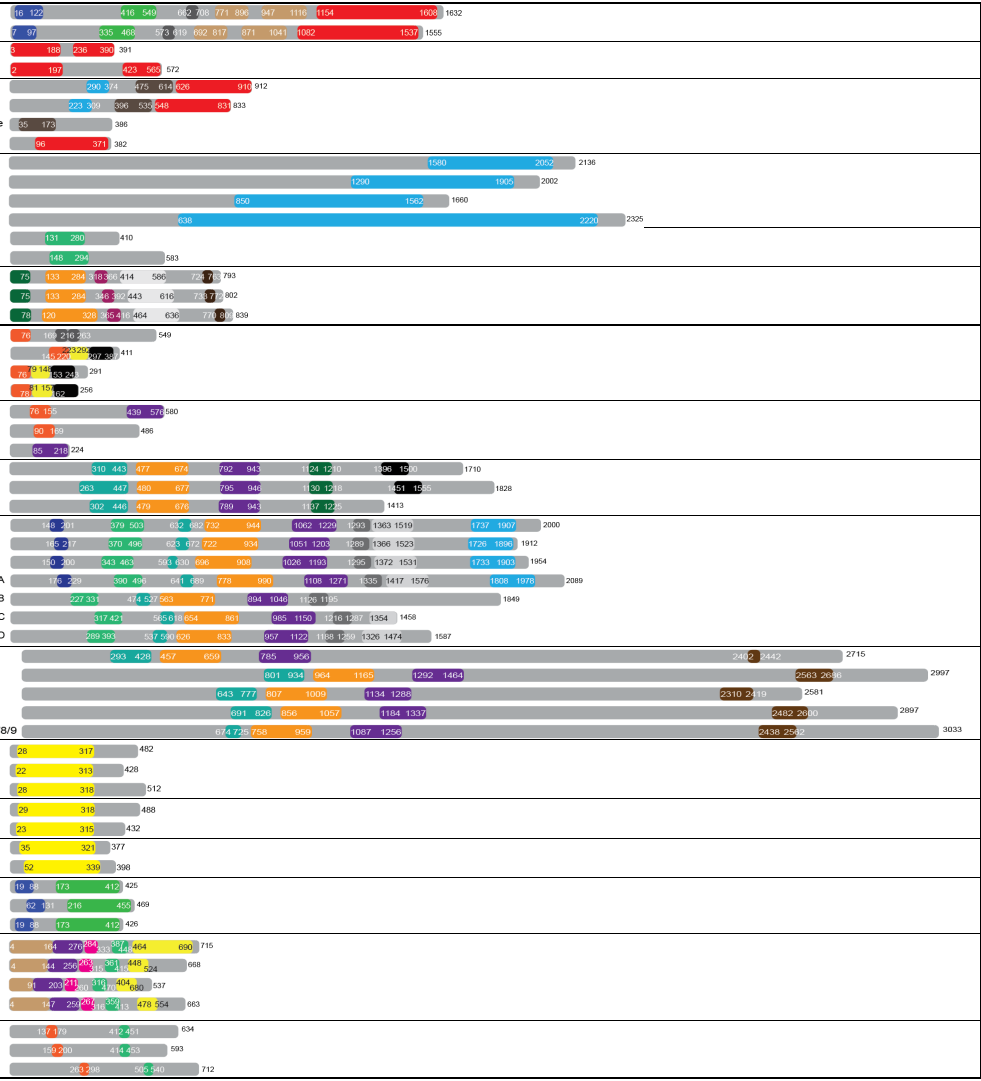
Families	Protein	Identification in *P. dumerilii* reference transcriptome (Pdumbase)	Protein domains
DNMT	DNMT1	comp223422_c0	*Hsap* DNMT1 *Pdum* DNMT1
	DNMT2	comp216256_c0	*Hsap* DNMT2 *Pdum* DNMT2
	DNMT3	none	*Hsap* DNMT3A *Hsap* DNMT3B *Hsap* DNMT3-like *Pdum* DNMT3
/	TET1/2/3	comp225519_c0	*Hsap* TET1 *Hsap* TET2 *Hsap* TET3 *Pdum* TET1/2/3
/	TDG	comp226234_c1	*Hsap* TDG *Pdum* TDG
/	UHRF1/2	comp210893_c0	*Hsap* UHRF1 *Hsap* UHRF2 *Pdum* UHRF1/2
MBD	MBD1/2/3	comp219568_c0	*Hsap* MBD1 *Hsap* MBD2 *Hsap* MBD3 *Pdum* MBD1/2/3
	MBD4	comp226112_c0	*Hsap* MBD4 *Hsap* MeCP2 *Pdum* MBD4
CHD	CHD1/2	comp223870_c4	*Hsap* CHD1 *Hsap* CHD2 *Pdum* CHD1/2
	CHD3/4/5A	comp221173_c3	*Hsap* CHD3
	CHD3/4/5B	comp216874_c0	*Hsap* CHD4 *Hsap* CHD5
	CHD3/4/5C	comp222390_c1	*Pdum* CHD3/4/5A *Pdum* CHD3/4/5B
	CHD3/4/5D	comp223438_c0	*Pdum* CHD3/4/5C *Pdum* CHD3/4/5D
	CHD6/7/8/9	comp225943_c0	*Hsap* CHD6 *Hsap* CHD7 *Hsap* CHD8 *Hsap* CHD9 *Pdum* CHD6/7/8/9
HDAC class I	HDAC1/2	comp204547_c0	*Hsap* HDAC1 *Hsap* HDAC2 *Pdum* HDAC1/2
	HDAC3	comp212334_c0	*Hsap* HDAC3 *Pdum* HDAC3
	HDAC8	comp217323_c0	*Hsap* HDAC8 *Pdum* HDAC8
/	RBBP4/7	comp223498_c0	*Hsap* RBBP4 *Hsap* RBBP7 *Pdum* RBBP4/7
/	MTA1/2/3	comp223915_c0	*Hsap* MTA1 *Hsap* MTA2 *Hsap* MTA3 *Pdum* MTA1/2/3
/	GATAD2	comp224048_c2	*Hsap* GATAD2-α *Hsap* GATAD2-β *Pdum* GATAD2



Superfamily (lack of specific domain in *Hsap* and *Pdum*)