

Table 4. Putative methylases of phytoplasmas. List of putative methylases reported in “*Ca. Phytoplasma asteris*” (OY-M and AY-WB), “*Ca. Phytoplasma australiense*” (PAa and SLY), and “*Ca. Phytoplasma mali*” (AT) excluding those common to all five genomes. Possible additional genes or gene fragments are given in brackets.

Methylase	OY-M	AY-WB	AT	PAa	SLY
<i>llaDCHIA</i>	-	-	-	1	11 (2)
<i>hpaIM</i>			-	2 (1) ¹	2 ²
CHP _{methylase}	-	-	-	12 (1)	13 (3)
<i>xorIIM</i>	-	-	-	(2)	5 (5)
Restriction-modification enzyme “restriction enzyme alpha subunit”.	-	-	1	1	-
Type II DNA modification methyltransferase	-	-	-	2 (5)	(1) ²
<i>dam</i>	2	1	-	-	-
N-6 DNA methylase	-	-	3	-	-
Type I restriction-modification system methyltransferase subunit	-	-	1	-	-

¹Fragment is PA0654 that precedes PA0655 and has 87% similarity over the common area.

²Includes SLY507, which seems to be a protein that spans regions of a number of methylases.