

Supplemental Table 1

PRMT name	Gene ID	PRMT type	Size(kDa)
HsPRMT1	NP_938074	I	41
HsPRMT2	NP_001526	I	49
HsPRMT3	NP_005779	I	60
HsPRMT4/CARM1	NP_954592	I	66
HsPRMT5	NP_006100	II	73
HsPRMT6	NP_060607	I	42
HsPRMT7	NP_061896	II/III	78
HsPRMT8	NP_062828	I	45
HsPRMT9	NP_612373	unknown	95
TgPRMT1	TGME49_219520	I	44
TgPRMT4	TGME49_294270	I	72
TgPRMT3	TGME49_252420	I	88
TgPRMT5	TGME49_215560	II	107
TgPRMT2	TGME49_293370	I (weak homology)	139

Supplemental Table 1: PRMTs in *Toxoplasma gondii* and Human.

Summary of PRMTs encoded by genomes of *T. gondii* and human. Type I and II PRMTs are present in *T. gondii*. PRMT classes are based on the terminal arginine modifications produced by the given enzyme [16]. PRMT activity type has not yet been established for all isoforms and was predicted bioinformatically.