

Supplemental Table 4

Gene ID	Product Description	Methyl site
TGME49_204880	hypothetical protein	R747
TGME49_205130	hypothetical protein	R673
TGME49_209290	ribosomal protein RPS28 (RPS28)	R76
TGME49_224260	PHD-finger domain-containing protein	R4536
TGME49_229310	mediator complex subunit MED14 (MED14)	R2175
TGME49_234900	PHD-finger domain-containing protein	R2432
TGME49_238510	hypothetical protein	R335
TGME49_263320	hypothetical protein	R128
TGME49_266010	phosphatidylinositol 3- and 4-kinase	R967
TGME49_266960	beta tubulin	R320
TGME49_272710	AP2 domain transcription factor AP2VIII-4 (AP2VIII4)	R3414
TGME49_294740	hypothetical protein	R2132
TGME49_306020	hypothetical protein	R276
TGME49_311720	chaperonin protein BiP	R107

**Supplemental Table 4:**

Summary of 14 proteins found within GCN5b immunoprecipitation mass spectrometry data, identified as being MMA modified across all biological samples examined in this study. The methyl sites identified in this dataset serve as a means of independent validation of these proteins in the *T. gondii* Monomethylome.