



**Figure S7 Genetic complementation of the MoDMT1 gene in the methylation deficient isolates, NI913, IN77-45-1-2 and IBDS4-1-1.**

The plasmid, pMoDMT1 carrying a functional MoDMT1 from the Br48 strain was introduced into the methylation deficient isolates, NI913, IN77-45-1-2 and IBDS4-1-1. In the cases of IN77-45-1-2 and IBDS4-1-1, a cloned MAGGY element was simultaneously introduced at transformation. Methylation status of MAGGY DNA was then examined by isoschizomer analysis with CpG methylation-insensitive *MspI* (M) and methylation-sensitive *HpaII* (H).