

Table S3: Restriction-modification genes present within clade A and clade B.

Clade	Gene name	Recognition sequence
Clade A	Hpy256ORFSP	
	Hpy310ORF318P	CTNAG
	Hpy86ORF2435P	GTNNAC
	HpyFD506ORFEP	ATTAAT
	M.Hpy274ORF1549P	CCTC
	M.HpyAIXP	GTNNAC
	M.HpyFD506ORFVP	ACNGT
	M.HpyOki128ORF5300P	GCGC
	M.HpyUM077ORF7645P	GTNNAC
	M.HpyUM085ORF5680P	CCTT
Clade B	S.HpyG63ORFJP	
	Hpy30ORF661P	
	M.Hpy225ORF480P	ACNG
	M.Hpy32ORF1420P	
	M.HpyUM038ORF7620P	GCGC
	M.HpyUM111ORF7085P	GTNNAC
Clade A/B	S.Hpy271ORFPP	
	Hpy99XVI	RTAYNNNNNRTAY
	M.Hpy12SORF1159P	
	M.Hpy299I	CATG
	M.Hpy35ORF21398P	CATG
	M.HpyFD535ORFOP	CGCG
M.HpyPI	CATG	