

Table S11. Possible genotypes for the allozyme *glucose-6-phosphate isomerase* and microsatellite loci of putative parents for the GDT isolates when assuming that lineage US-22 is one of the parental genotypes for these isolates. Clonal lineage US-22 could not be excluded as a potential parent for 17 of the 20 NYS-2010/11 isolates based on the banding patterns for the allozyme *glucose-6-phosphate isomerase* and microsatellite data. In red we show the alleles that the alternate parent or parents must possess to give rise to the genotypic profiles observed in the NYS-2010/11 isolates when assuming that lineage US-22 is one of the parental genotypes for these isolates.

Alleles present	GPI			Mating type	Microsatellite loci											
					D13	PiG11	Pi04	PinfSSR2	Pi70	Pi4B	PinfSSR6	PinfSSR8	Pi02	Pi63	PinfSSR4	PinfSSR11
US-22	100	122	A2	0	134/156	166/170	173/175	192/195	213	242/244	260/264	266/268	279	294/296	341	
GDTs	100	111	122	A1/A2	0/110	134/156	166/170	173/175	189/192/195	213/225	242/244	260/264	258/266/268	279	284/288/294/296	341/355
Other parent(s)		111	A1	110	134/156	166/170	173/175	189	225	242/244	260/264	258	279	284/288	355	