

Table S12. Possible genotypes of loci *PITG_11126*, *PUA*, β -*tubulin* and *TRP1* of putative parents for the GDT isolates when assuming that lineage US-22 is one of the parental genotypes for these isolates. 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.

	<i>PITG_11126</i> (776 bp)						<i>PUA</i> (609 bp)									β - <i>tubulin</i> (883 bp)			<i>TRP1</i> (824 bp)						
Polymorphic site	49	167	460	549	554	725	35	82	187	381	382	389	532	555	556	586	583	808	829	51	78	132	563	614	714
US-22	C	G	G	T	G	C	T	T	C	G	G	C	A	T	T	A	Y	C	Y	G	A	R	G	T	G
GDTs	C	G/R/A	G	T/Y/C	G/R/A	C	T	T	C	G	G	C/M	A/R	T	T	T	C/Y/T	C/Y	T/Y	G	A	G/R	G	T	G
Other parent(s)	C	G/R/A	G	T/Y/C	G/R/A	C	T	T	C	G	G	C/M/A	G/R/A	T	T	T	C/Y/T	C/Y/T	C/Y/T	G	A	G/R/A	G	T	G