

Theileria + Malcolm

T. parva - transforms host cell

- transformation is reversible (e.g. using buparvaquone)

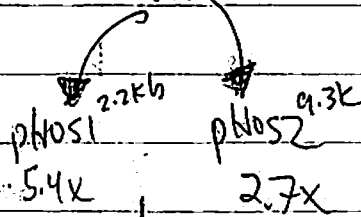
mt = 6 kb

plastid = unknown

chromosomes = 2.2 - 3.5 mb

WGS

protoplasts → in culture → DNA 35% GC



129,095 sequences

2 step assembly

91%

97%

TPR
repeats

3

4