A
Left arm
Tag
Right arm
Parental parasite
5'UTR
CDS
3'UTR
p1
p2
p3
p4
Modified parasite
17XNL
cdpk1::6HA
mtip::6HA
isp3::6HA
gapm2::6HA
tmco1::6HA
pic5::6HA

B
kb
M
17XNL
sc1
sc2
sc3
1.0
0.75
p1/p2
p3/p4
cdpk1::6HA
mtip::6HA
isp3::6HA
gapm2::6HA
tmco1::6HA
pic5::6HA