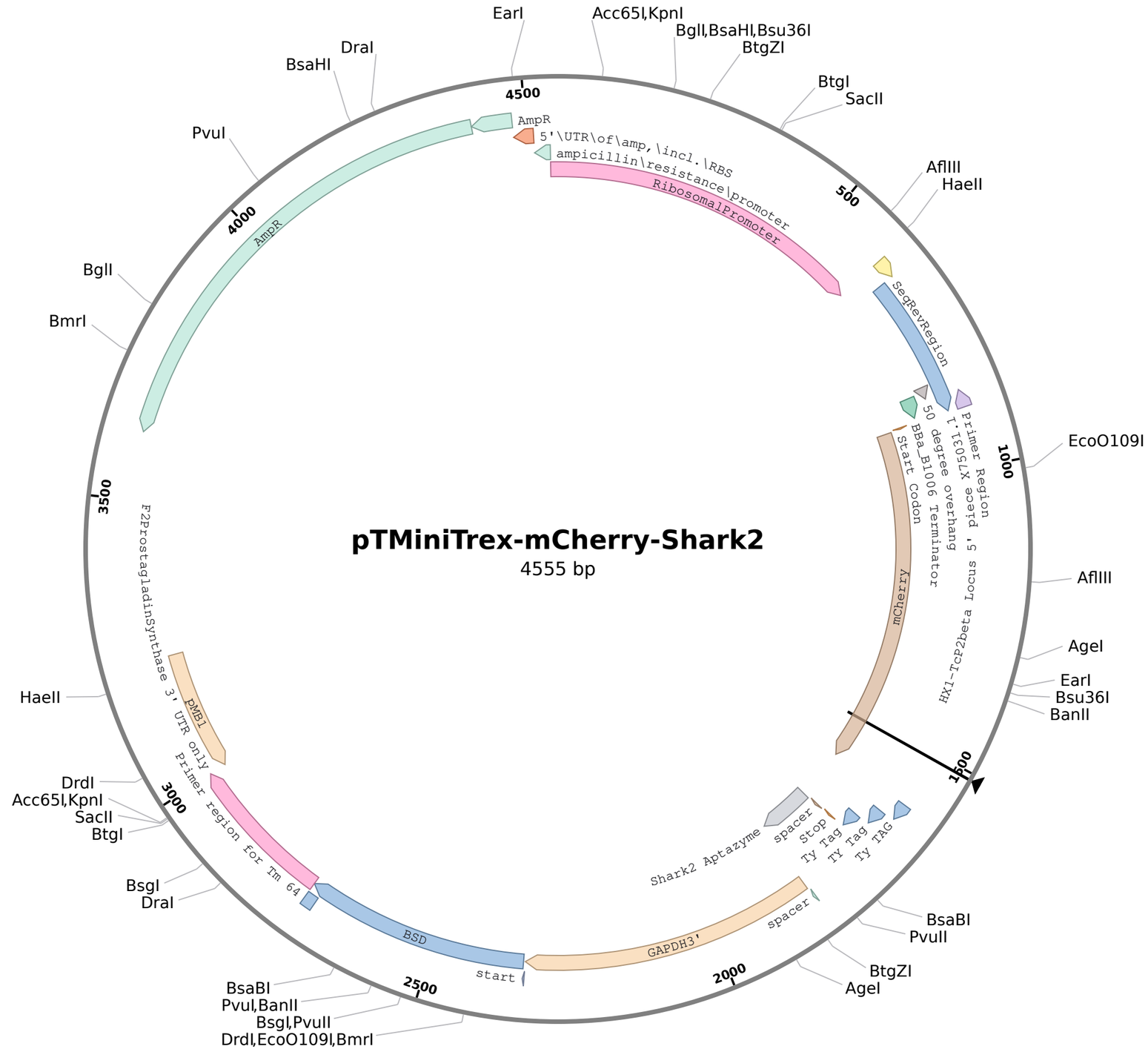
pTMiniTrex-mCherry-Shark2
4555 bp
EarI
Acc65I,KpnI
BglI,BsaHI,Bsu36I
BtgZI
BtgI
SacII
AflIII
HaeII
EcoO109I
AflIII
AgeI
EarI
Bsu36I
BanII
BsaBI
PvuII
BtgZI
AgeI
BsaBI
PvuI,BanII
BsgI,PvuII
DrdI,EcoO109I,BmrI
BsgI
DraI
DrdI
Acc65I,KpnI
SacII
BtgI
HaeII
BmrI
BglI
PvuI
DraI
BsaHI
500
1000
1500
2000
2500
3000
3500
4000
4500
AmpR
5'\UTR\of\amp,\incl.\RBS
ampicillin\resistance\promoter
RibosomalPromoter
AmpR
SeqRevRegion
Primer Region
T7503L.1 place 5' locus
50 degree overhang
BBa_B1006 Terminator
Start Codon
mCherry
HX1-TcP2beta
F2ProstagladinSynthase 3' UTR only
pMB1
Primer region for Tm 64
BSD
start
GAPDH3'
spacer
Shark2 Aptazyme
spacer
Stop
Ty Tag
TY Tag
Ty TAG