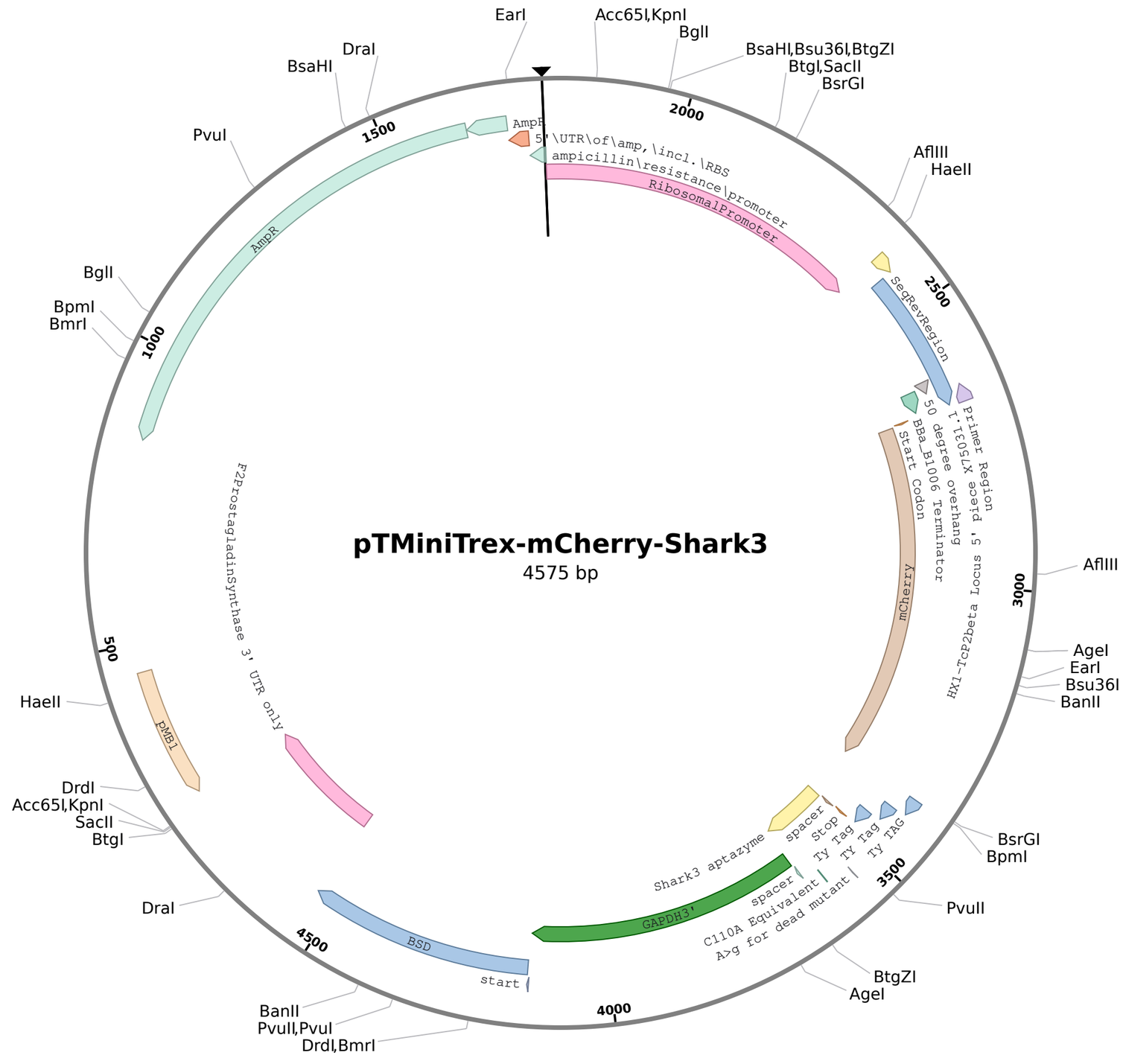
pTMiniTrex-mCherry-Shark3
4575 bp
EarI
Acc65I,KpnI
BglI
BsaHI,Bsu36I,BtgZI
BtgI,SacII
BsrGI
AflIII
HaeII
AflIII
AgeI
EarI
Bsu36I
BanII
BsrGI
BpmI
PvuII
BtgZI
AgeI
BanII
PvuII,PvuI
DrdI,BmrI
DraI
DrdI
Acc65I,KpnI
SacII
BtgI
HaeII
BglI
BpmI
BmrI
PvuI
BsaHI
DraI
1000
1500
2000
2500
3000
3500
4000
4500
500
AmpR
AmpR
5'\UTR\of\amp,\incl.\RBS
ampicillin\resistance\promoter
RibosomalPromoter
SeqRevRegion
primer Region
5' piece XT5031-1
50 degree overhang
BBa_B1006 Terminator
Start Codon
mCherry
HX1-TcP2beta Locus
F2ProstagladinSynthase 3' UTR only
pMB1
Shark3 aptazyme
spacer
Stop
Ty Tag
Ty Tag
Ty TAG
spacer
C110A Equivalent
A>g for dead mutant
GAPDH3'
BSD
start