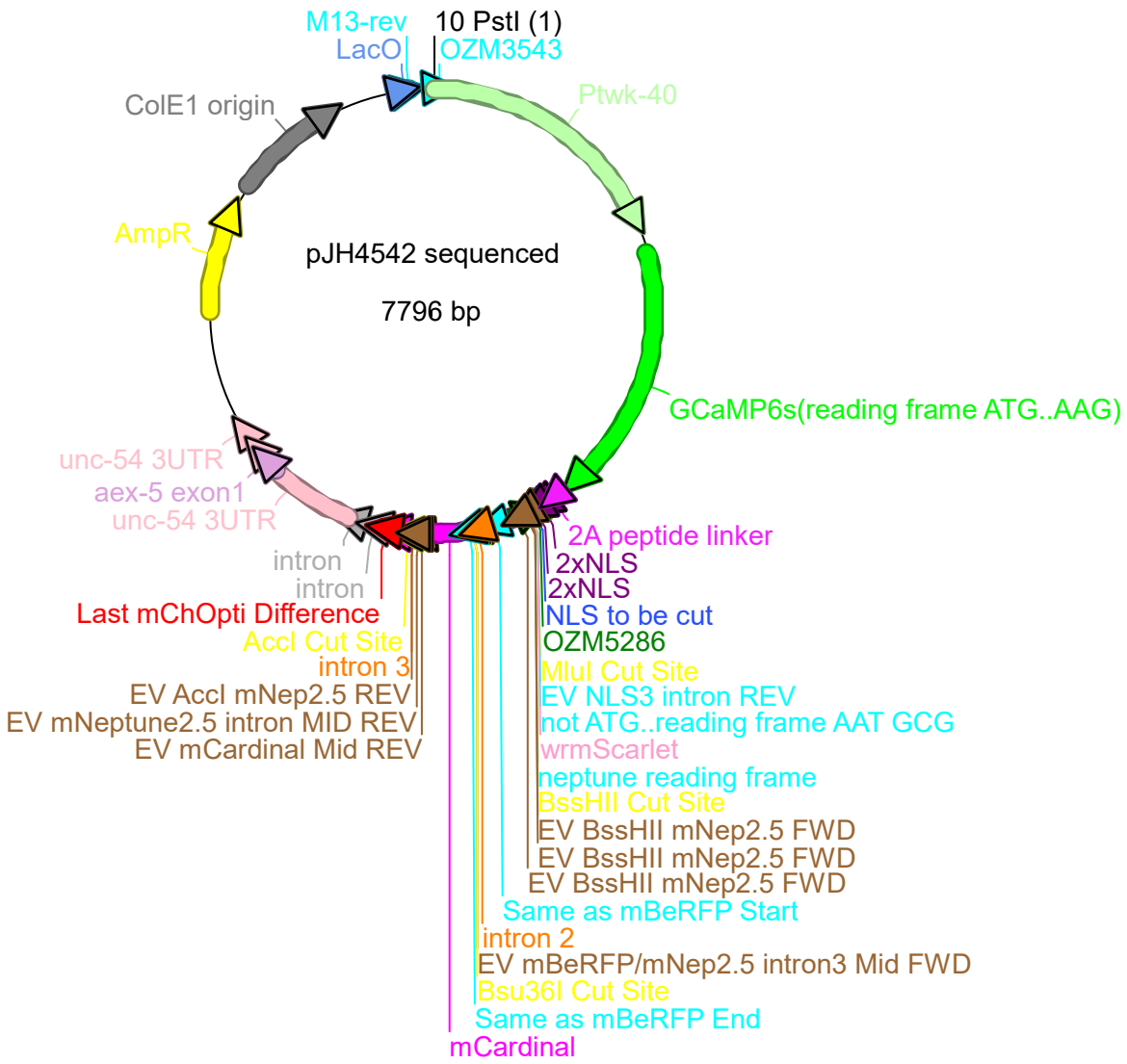
M13-rev
LacO
10 PstI (1)
OZM3543
Ptwk-40
ColE1 origin
AmpR
pJH4542 sequenced
7796 bp
GCaMP6s(reading frame ATG..AAG)
unc-54 3UTR
aex-5 exon1
unc-54 3UTR
intron
intron
Last mChOpti Difference
AccI Cut Site
intron 3
EV AccI mNep2.5 REV
EV mNeptune2.5 intron MID REV
EV mCardinal Mid REV
2A peptide linker
2xNLS
2xNLS
NLS to be cut
OZM5286
MluI Cut Site
EV NLS3 intron REV
not ATG..reading frame AAT GCG
wrmScarlet
neptune reading frame
BssHII Cut Site
EV BssHII mNep2.5 FWD
EV BssHII mNep2.5 FWD
EV BssHII mNep2.5 FWD
Same as mBeRFP Start
intron 2
EV mBeRFP/mNep2.5 intron3 Mid FWD
Bsu36I Cut Site
Same as mBeRFP End
mCardinal