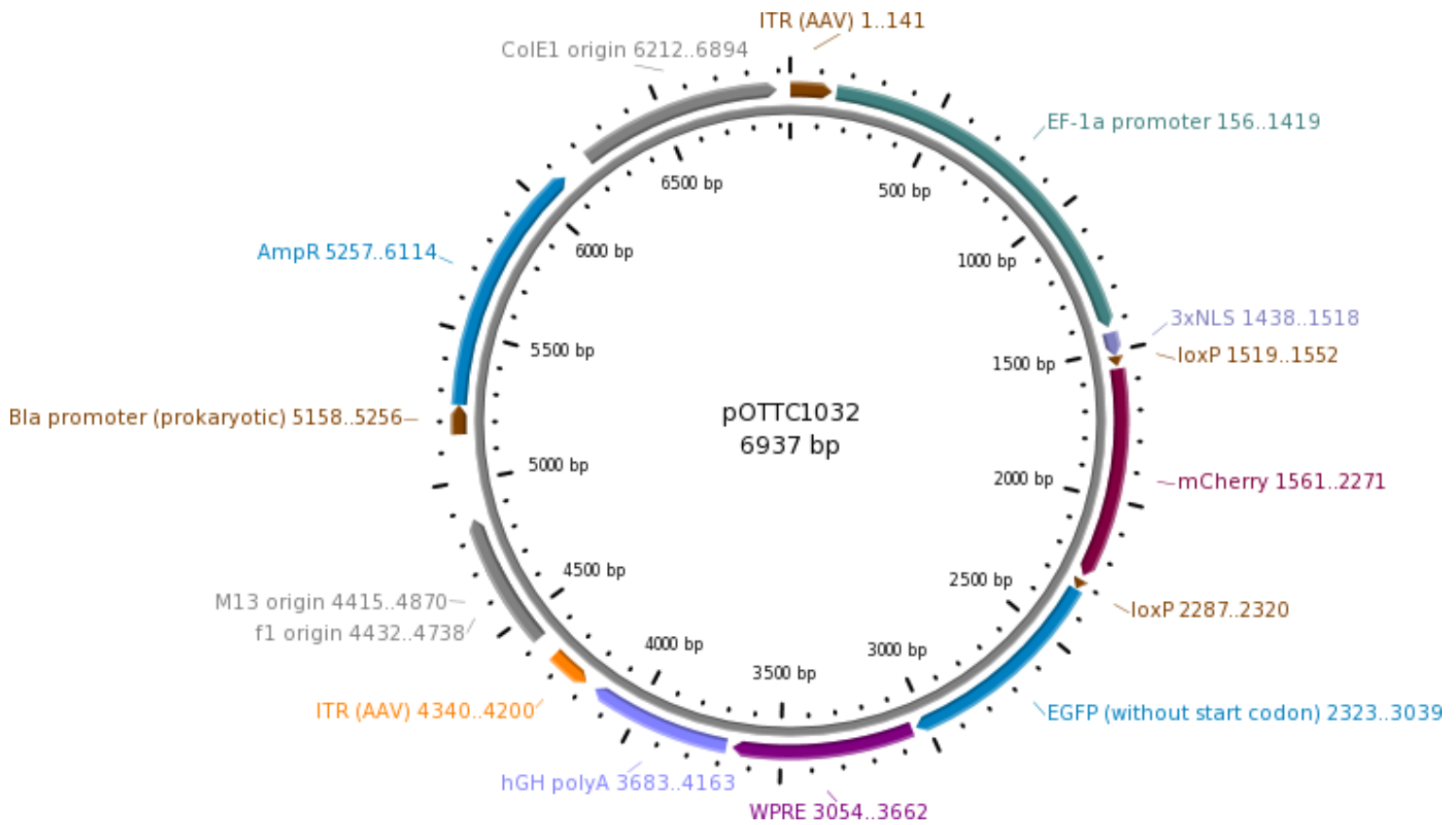


pAAV EF1a Nuc-flox(mCherry)-eGFP pOTTTC1032



<b>Name</b>	<b>Description</b>	<b>Location</b>
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1..141
EF-1a promoter	Human EF-1a promoter	156..1419
3xNLS	Nuclear localization signal from SV40 large T antigen (three tandem repeats)	1438..1518
loxP	Cre-dependent targeted recombination site	1519..1552
mCherry	Monomeric Cherry (red) fluorescent protein	1561..2271
loxP	Cre-dependent targeted recombination site	2287..2320
EGFP (without start codon)	Enhanced green fluorescent protein (in frame with upstream loxP)	2323..3039
WPRE	Woodchuck Post-Transcriptional Regulation Element	3054..3662
hGH polyA	Human Growth Hormone polyadenylation signal	3683..4163
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	4340..4200
M13 origin	Phagemid origin of replication	4415..4870
f1 origin	Phagemid origin of replication	4432..4738
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	5158..5256
AmpR	Ampicillin Resistance Marker	5257..6114
ColE1 origin	Plasmid origin of replication	6212..6894

pOTTTC1032 was constructed by Reinis Svarcbahts at OTTC/NIDA (RS06\_B); QC Restriction Digest with (ApaLI+MluI) and (ApaLI+SphI);  
 File dynamically generated on 18-APR-2017 by NIDA plasmid manager.