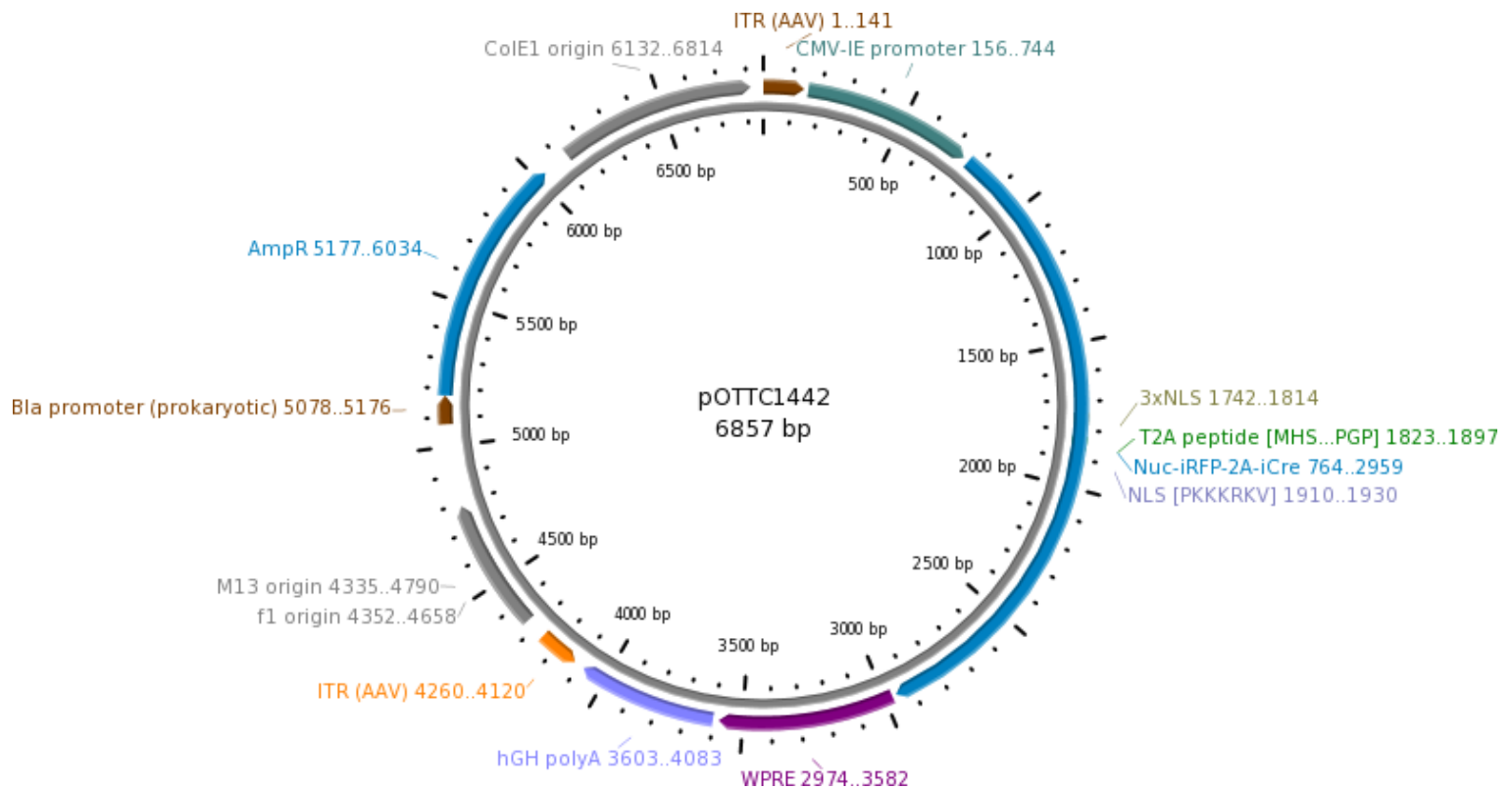


pAAV CMV-IE Nuc-iRFP-2A-iCre.ape pOTTTC1442



Name	Description	Location
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1..141
CMV-IE promoter	Human cytomegalovirus immediate early promoter	156..744
Nuc-iRFP-2A-iCre	Nuclear-localized iRFP and mammalian-optimized Cre recombinase	764..2959
3xNLS	Nuclear localization signal (DPKKKRKV DPKKKRKV DPKKKRKV)	1742..1814
T2A peptide [MHS...PGP]	ribosomal skip motif	1823..1897
NLS [PKKKRKV]	Nuclear Localization signal (SV40 largeT)	1910..1930
WPRE	Woodchuck Post-Transcriptional Regulation Element	2974..3582
hGH polyA	Human Growth Hormone polyadenylation signal	3603..4083
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	4260..4120
M13 origin	Phagemid origin of replication	4335..4790
f1 origin	Phagemid origin of replication	4352..4658
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	5078..5176
AmpR	Ampicillin Resistance Marker	5177..6034
ColE1 origin	Plasmid origin of replication	6132..6814

pOTTTC1442 was constructed by Chris Richie at OTTC/NIDA (CR675_F).; insert was amplified from OTTC1245.; backbone: pOTTTC1031 was constructed by Chris Richie at OTTC/NIDA (CR1222_C) digested with BamHI and BsrGI.; File dynamically generated on 10-NOV-2016 by NIDA plasmid manager.