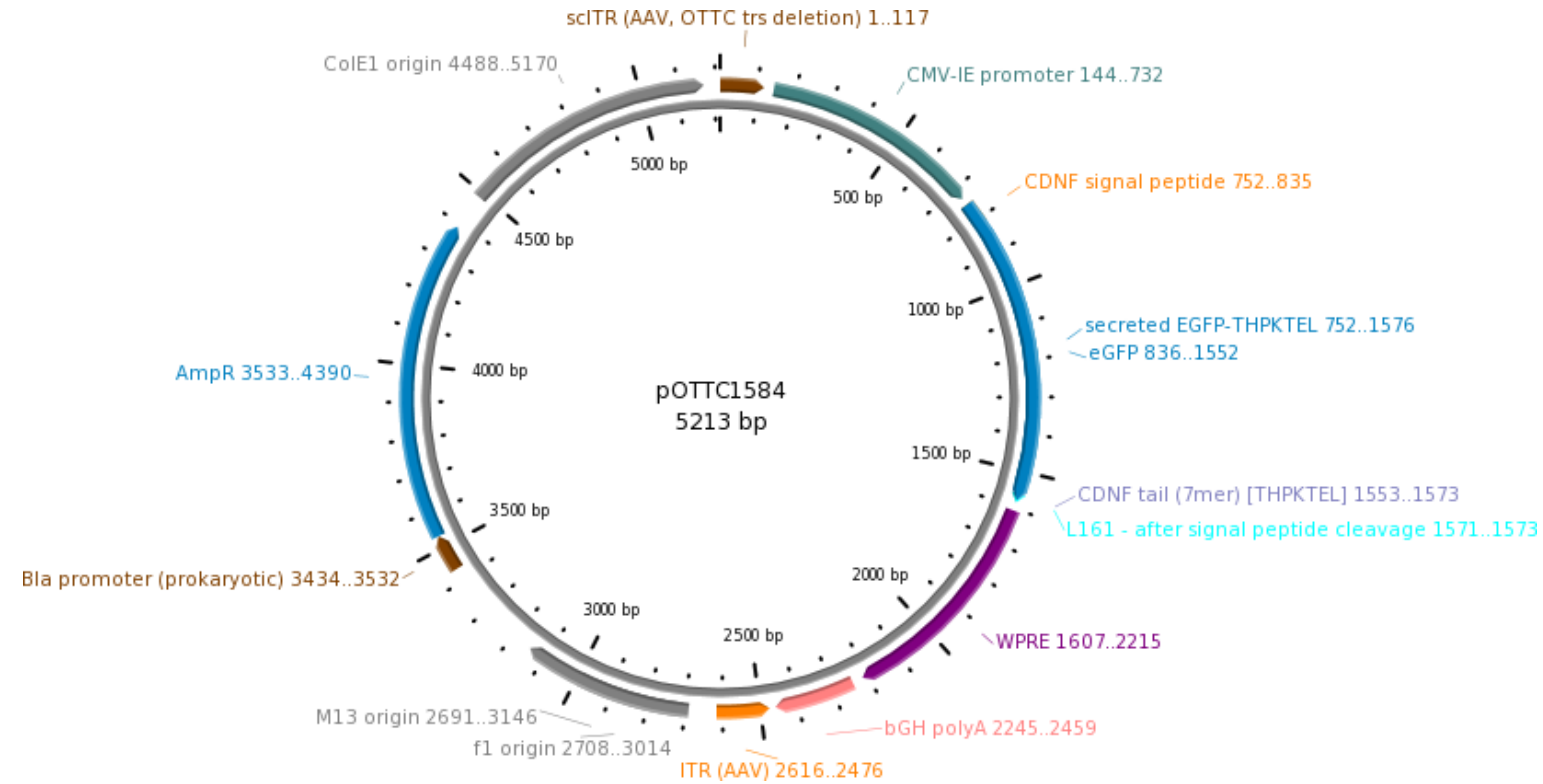


pscAAV CMV-IE secreted EGFP-THPKTEL WPRE.ape pOTTC1584



Name	Description	Location
scITR (AAV, OTTC trs deletion)	Self-complementary variant of AAV inverted terminal repeat	1..117
CMV-IE promoter	Human cytomegalovirus immediate early promoter	144..732
CDNF signal peptide	Signal peptide from human CDNF [MWCASP...TQG-QE]	752..835
secreted EGFP-THPKTEL	Secreted enhanced green fluorescent protein fused to the last seven residues of CDNF	752..1576
eGFP	Enhanced Green Fluorescent Protein	836..1552
CDNF tail (7mer) [THPKTEL]	Final seven amino acids of CDNF [THPKTEL]	1553..1573
L161 - after signal peptide cleavage	Leucine 161 (relative to the mature CDNF peptide)	1571..1573
WPRE	Woodchuck Post-Transcriptional Regulation Element	1607..2215
bGH polyA	Bovine growth hormone polyadenylation signal	2245..2459
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	2616..2476
M13 origin	Phagemid origin of replication	2691..3146
f1 origin	Phagemid origin of replication	2708..3014
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	3434..3532
AmpR	Ampicillin Resistance Marker	3533..4390
ColE1 origin	Plasmid origin of replication	4488..5170

pOTTC1584 was constructed by Chris Richie at GEVVC/NIDA (CR1805v2_E).; backbone was pOTTC1512 was constructed by Chris Richie at GEVVC/NIDA (CR1776_D).; backbone: pOTTC1505 was constructed by Chris Richie at GEVVC/NIDA (CR1769_R).; backbone: pOTTC1491 was constructed by Chris Richie at GEVVC/NIDA (CR1727_C).; File dynamically generated on 09-JAN-2018 by NIDA plasmid manager.