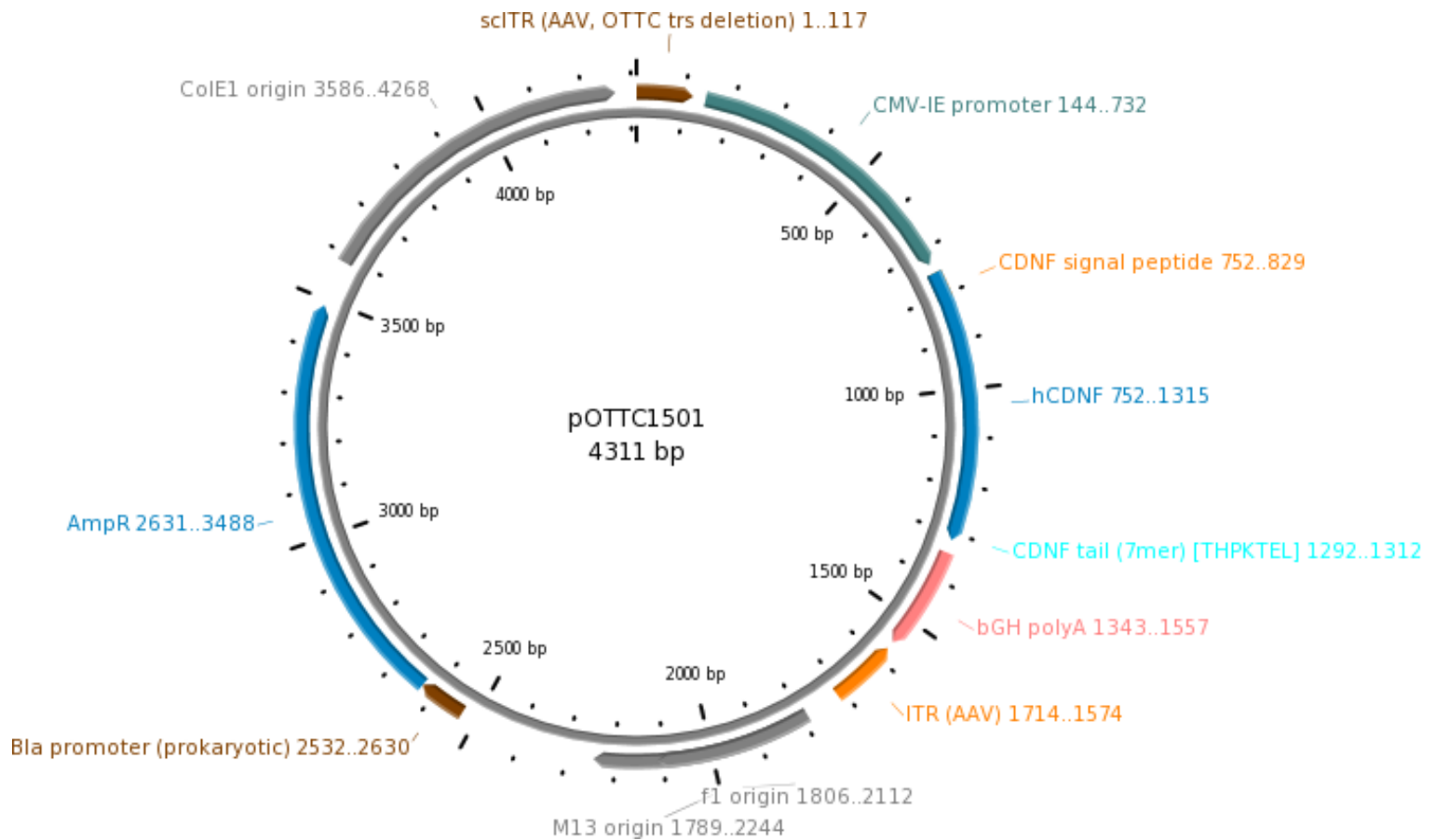


pscAAV CMV-IE hCDNF.ape pOTTTC1501



<u>Name</u>	<u>Description</u>	<u>Location</u>
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 (required for secretion)	752..829
hCDNF	Human cerebral dopamine neurotrophic factor	752..1315
CDNF tail (7mer) [THPKTEL]	Final seven amino acids of CDNF [THPKTEL]	1292..1312
bGH polyA	Bovine growth hormone polyadenylation signal	1343..1557
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1714..1574
M13 origin	Phagemid origin of replication	1789..2244
f1 origin	Phagemid origin of replication	1806..2112
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	2532..2630
AmpR	Ampicillin Resistance Marker	2631..3488
ColE1 origin	Plasmid origin of replication	3586..4268

pOTTTC1501 was constructed by Chris Richie at GEVVC/NIDA (CR1760_F).; backbone: pOTTTC1491 was constructed by Chris Richie at GEVVC/NIDA (CR1727_C).;
 File dynamically generated on 13-APR-2017 by NIDA plasmid manager.