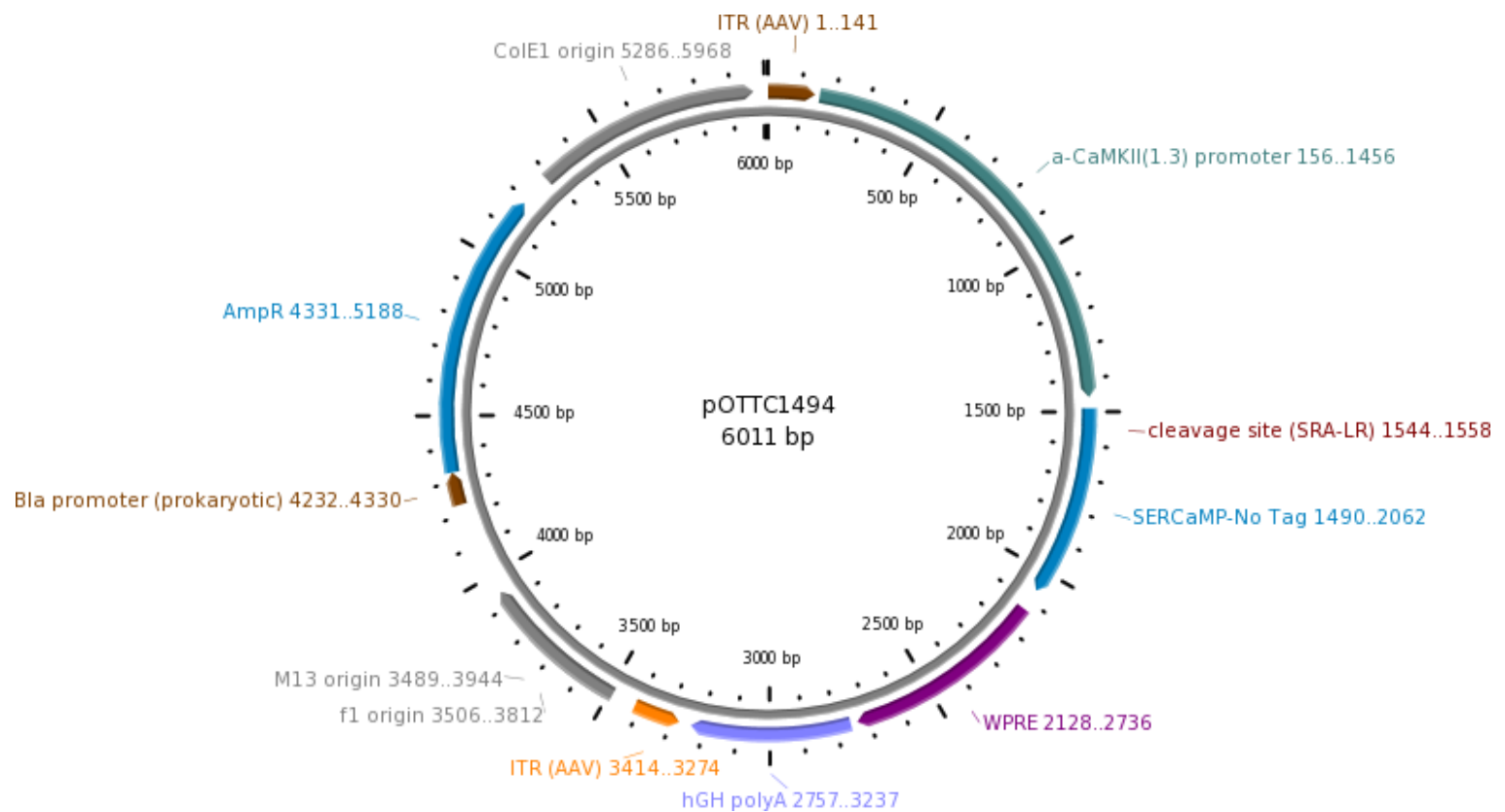


pAAV CaMKII SERCaMP-no tag.ape pOTTC1494



<u>Name</u>	<u>Description</u>	<u>Location</u>
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1..141
a-CaMKII(1.3) promoter	Human CaM Kinase II promoter	156..1456
SERCaMP-No Tag	Secreted calcium monitoring protein with no ER retention signal	1490..2062
cleavage site (SRA-LR)	Location of signal peptide cleavage	1544..1558
MANF (1-23) signal peptide	Human Manf signal peptide	1558..0
WPRES	Woodchuck Post-Transcriptional Regulation Element	2128..2736
hGH polyA	Human Growth Hormone polyadenylation signal	2757..3237
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	3414..3274
M13 origin	Phagemid origin of replication	3489..3944
f1 origin	Phagemid origin of replication	3506..3812
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	4232..4330
AmpR	Ampicillin Resistance Marker	4331..5188
ColE1 origin	Plasmid origin of replication	5286..5968

pOTTC1494 was constructed by Chris Richie at OTTC/NIDA (CR1741_A).;
 File dynamically generated on 13-APR-2017 by NIDA plasmid manager.