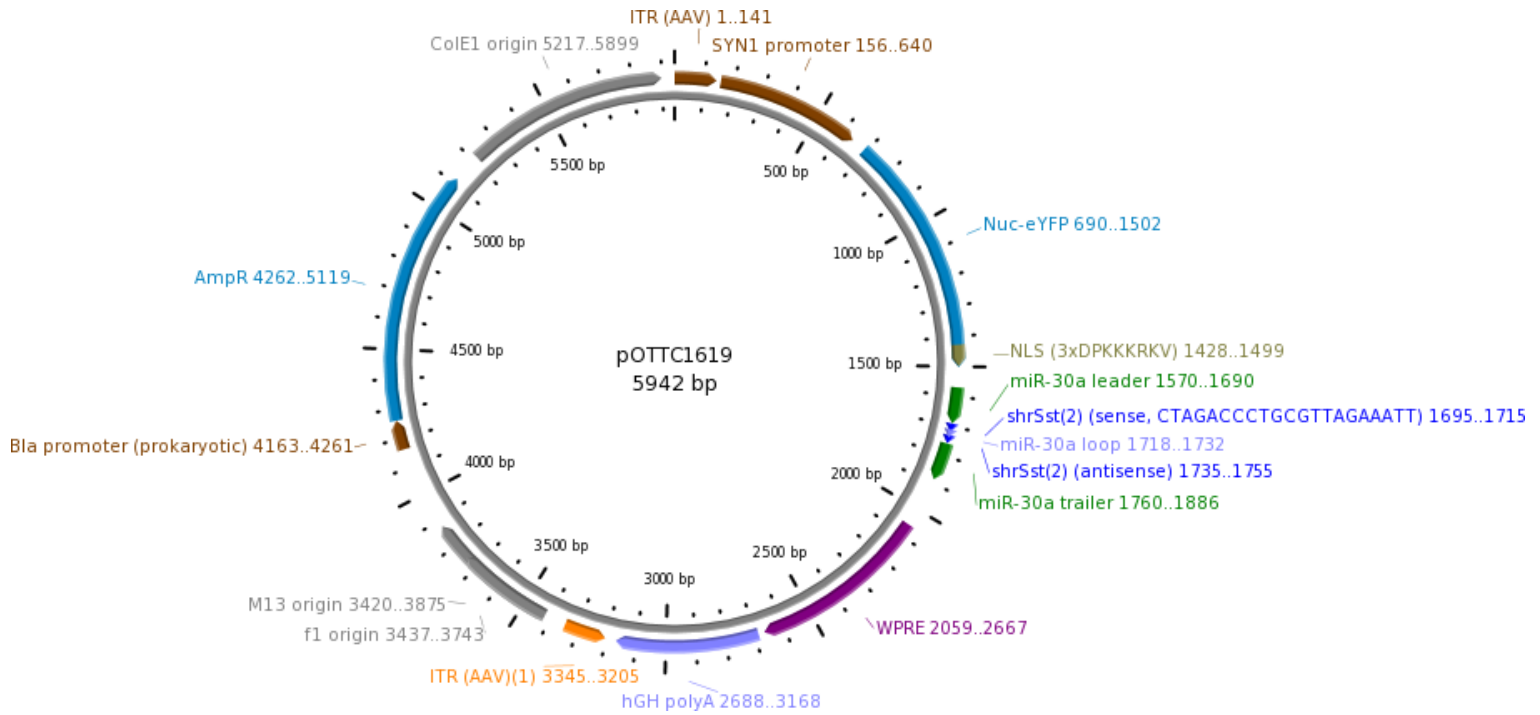


pAAV SYN1 Nuc-EYFP miR-30 SST.ape.ape pOTTTC1619



<u>Name</u>	<u>Description</u>	<u>Location</u>
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1..141
SYN1 promoter	Human Synapsin 1 promoter	156..640
Nuc-eYFP	Nuclear-localized enhanced yellow fluorescent protein	690..1502
NLS (3xDPKKKRKV)	Triple nuclear localization signal (SV40)	1428..1499
miR-30a leader	miR-30a upstream scaffold sequence	1570..1690
shrSst(2) (sense, CTAGACCCTGCGTTAGAAATT)	Sense sequence for SST(2) hairpin targeting rat SST	1695..1715
miR-30a loop	miR-30a loop sequence	1718..1732
shrSst(2) (antisense)	Antisense sequence for SST(2) hairpin targeting rat SST	1735..1755
miR-30a trailer	miR-30a downstream scaffold sequence	1760..1886
WPRE	Woodchuck Post-Transcriptional Regulation Element	2059..2667
hGH polyA	Human Growth Hormone polyadenylation signal	2688..3168
ITR (AAV)(1)	Inverted Terminal Repeat (Adeno-associated virus)	3345..3205
M13 origin	Phagemid origin of replication	3420..3875
f1 origin	Phagemid origin of replication	3437..3743
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	4163..4261
AmpR	Ampicillin Resistance Marker	4262..5119
ColE1 origin	Plasmid origin of replication	5217..5899

pOTTTC1619 was constructed by Chris Richie at GEVVC/NIDA (CR1974_N). ; the template for the SST-targeting microRNA was obtained from Rob Messing.; backbone copy pOTTTC1617 - pAAV SYN1 Nuc-EYFP.ape from 1 to 5418; pOTTTC1617 was constructed by Chris Richie at GEVVC/NIDA (CR1959_B).; backbone was pOTTTC1479 was constructed by Chris Richie at GE&VVC/NIDA (CR1712_C).;

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