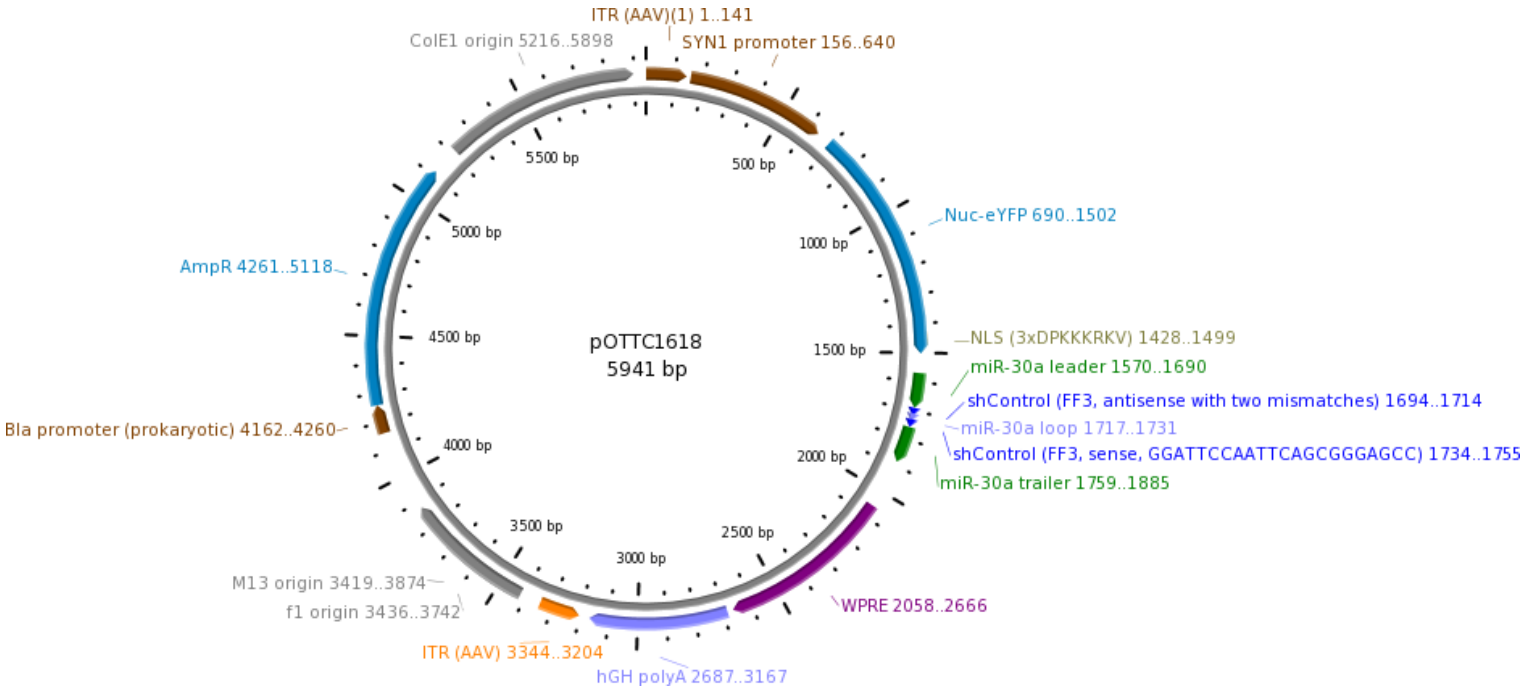
pAAV SYN1 Nuc-EYFP miR-30 FF3 pOTTC1618



Name	Description	Location
ITR (AAV)(1)	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
shControl (FF3, antisense with two mismatches)	antisense sequence for FF3 firefly luciferase	1694..1714
miR-30a loop	miR-30a loop sequence	1717..1731
shControl (FF3, sense, GGATTCCAATTCAGCGGGAGCC)	Sense sequence for FF3 hairpin targeting firefly luciferase	1734..1755
miR-30a trailer	miR-30a downstream scaffold sequence	1759..1885
WPRE	Woodchuck Post-Transcriptional Regulation Element	2058..2666
hGH polyA	Human Growth Hormone polyadenylation signal	2687..3167
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	3344..3204
M13 origin	Phagemid origin of replication	3419..3874
f1 origin	Phagemid origin of replication	3436..3742
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	4162..4260
AmpR	Ampicillin Resistance Marker	4261..5118
ColE1 origin	Plasmid origin of replication	5216..5898

pOTTC1618 was constructed by Chris Richie at GEVVC/NIDA (CR1974_M). ; the template for the SST-targeting microRNA was obtained from Rob Messing.; (it also appears on Addgene 11663.); backbone pOTTC1617 was constructed by Chris Richie at GEVVC/NIDA (CR1959_B).; backbone was pOTTC1479 was constructed by Chris Richie at GE&VVC/NIDA (CR1712_C).; File dynamically generated on 07-FEB-2018 by NIDA plasmid manager.