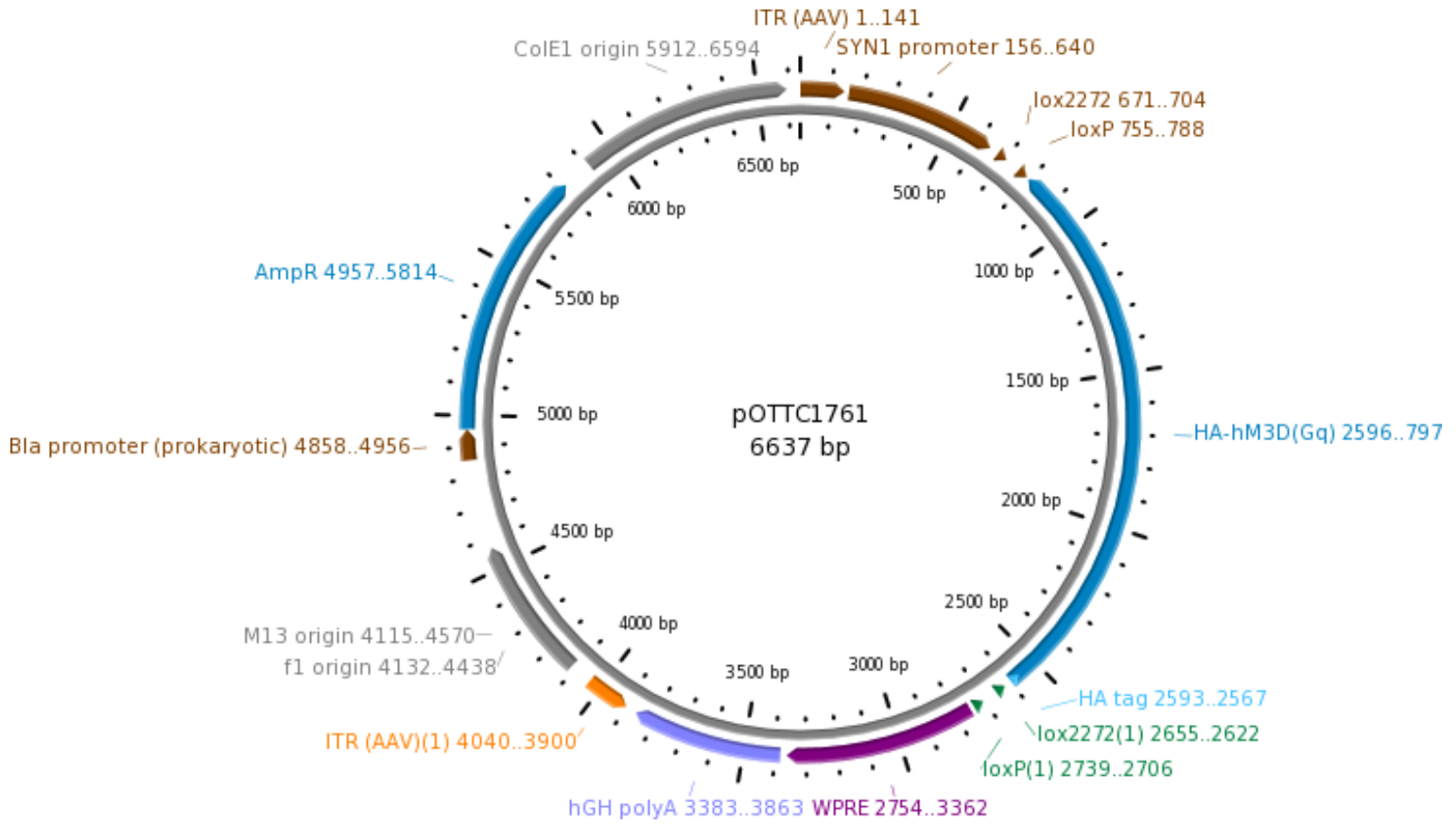


pAAV SYN1 DIO HA-hM3D(Gq).ape.ape pOTTTC1761



<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
lox2272	Cre-dependent targeted recombination site	671..704
loxP	Cre-dependent targeted recombination site	755..788
HA-hM3D(Gq)	HA-tagged hM3D Gq-coupled stimulatory DREADD	2596..797
HA tag	HA epitope [YPYDVPDYA]	2593..2567
lox2272(1)	Cre-dependent targeted recombination site	2655..2622
loxP(1)	Cre-dependent targeted recombination site	2739..2706
WPRE	Woodchuck Post-Transcriptional Regulation Element	2754..3362
hGH polyA	Human Growth Hormone polyadenylation signal	3383..3863
ITR (AAV)(1)	Inverted Terminal Repeat (Adeno-associated virus)	4040..3900
M13 origin	Phagemid origin of replication	4115..4570
f1 origin	Phagemid origin of replication	4132..4438
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	4858..4956
AmpR	Ampicillin Resistance Marker	4957..5814
ColE1 origin	Plasmid origin of replication	5912..6594

pOTTTC1761 was constructed by Chris Richie at NIDA/GEVVC (CR2187_B).; backbone was pOTTTC901 - CR1036_E constructed by CRICHIE at OTTC/NIDA;
 File dynamically generated on 18-JAN-2019 by NIDA plasmid manager.