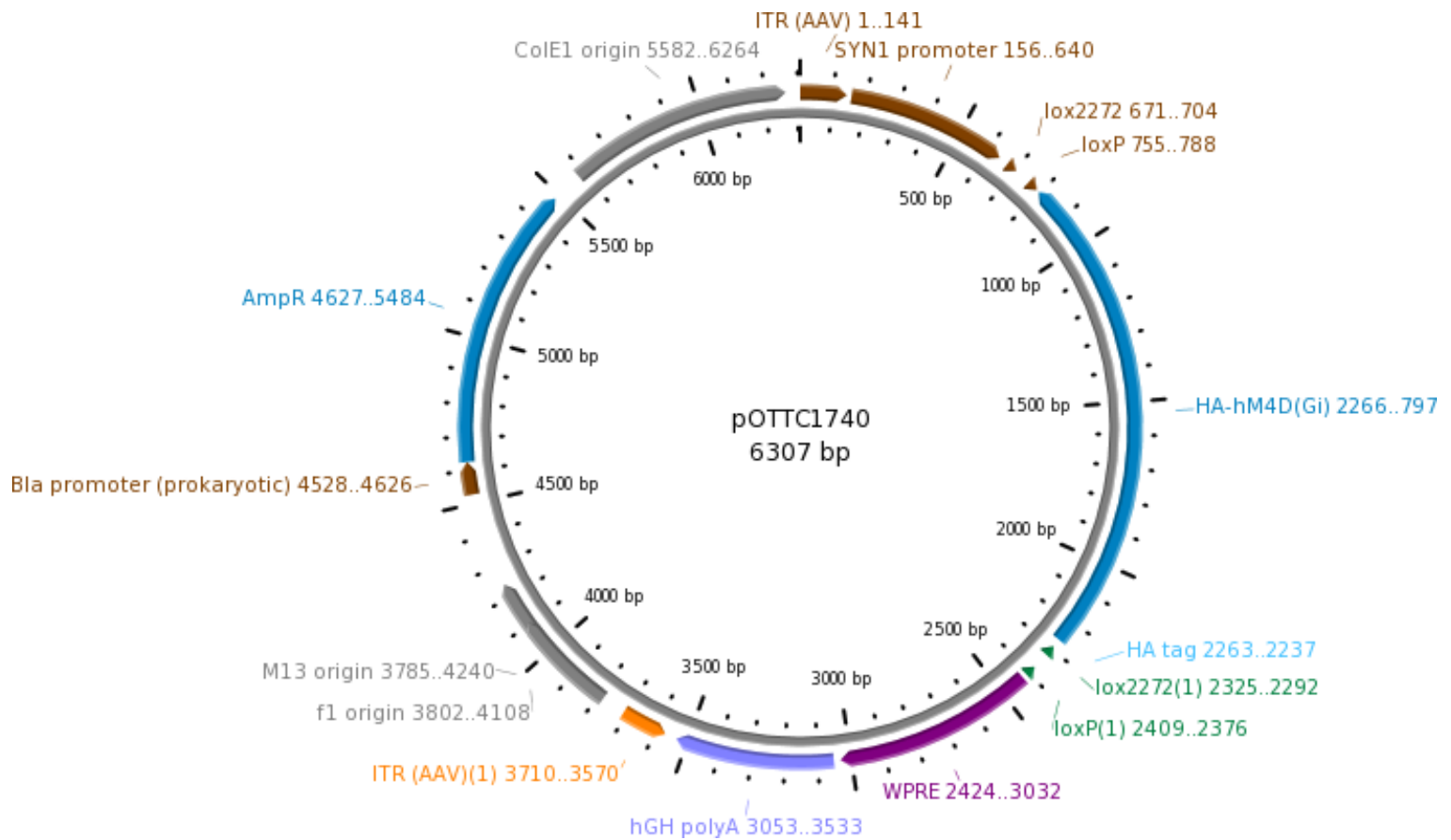


pAAV SYN1 DIO HA-hM4D(Gi).ape.ape pOTTTC1740



<b>Name</b>	<b>Description</b>	<b>Location</b>
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-hM4D(Gi)	HA-tagged hM4D Gi-coupled inhibitory DREADD	2266..797
HA tag	HA epitope [YPYDVPDYA]	2263..2237
lox2272(1)	Cre-dependent targeted recombination site	2325..2292
loxP(1)	Cre-dependent targeted recombination site	2409..2376
WPRE	Woodchuck Post-Transcriptional Regulation Element	2424..3032
hGH polyA	Human Growth Hormone polyadenylation signal	3053..3533
ITR (AAV)(1)	Inverted Terminal Repeat (Adeno-associated virus)	3710..3570
M13 origin	Phagemid origin of replication	3785..4240
f1 origin	Phagemid origin of replication	3802..4108
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	4528..4626
AmpR	Ampicillin Resistance Marker	4627..5484
ColE1 origin	Plasmid origin of replication	5582..6264

pOTTTC1740 was constructed by Chris Richie at GEVVC/NIDA (CR2161\_D).; backbone was pOTTTC901;  
 File dynamically generated on 03-JAN-2019 by NIDA plasmid manager.