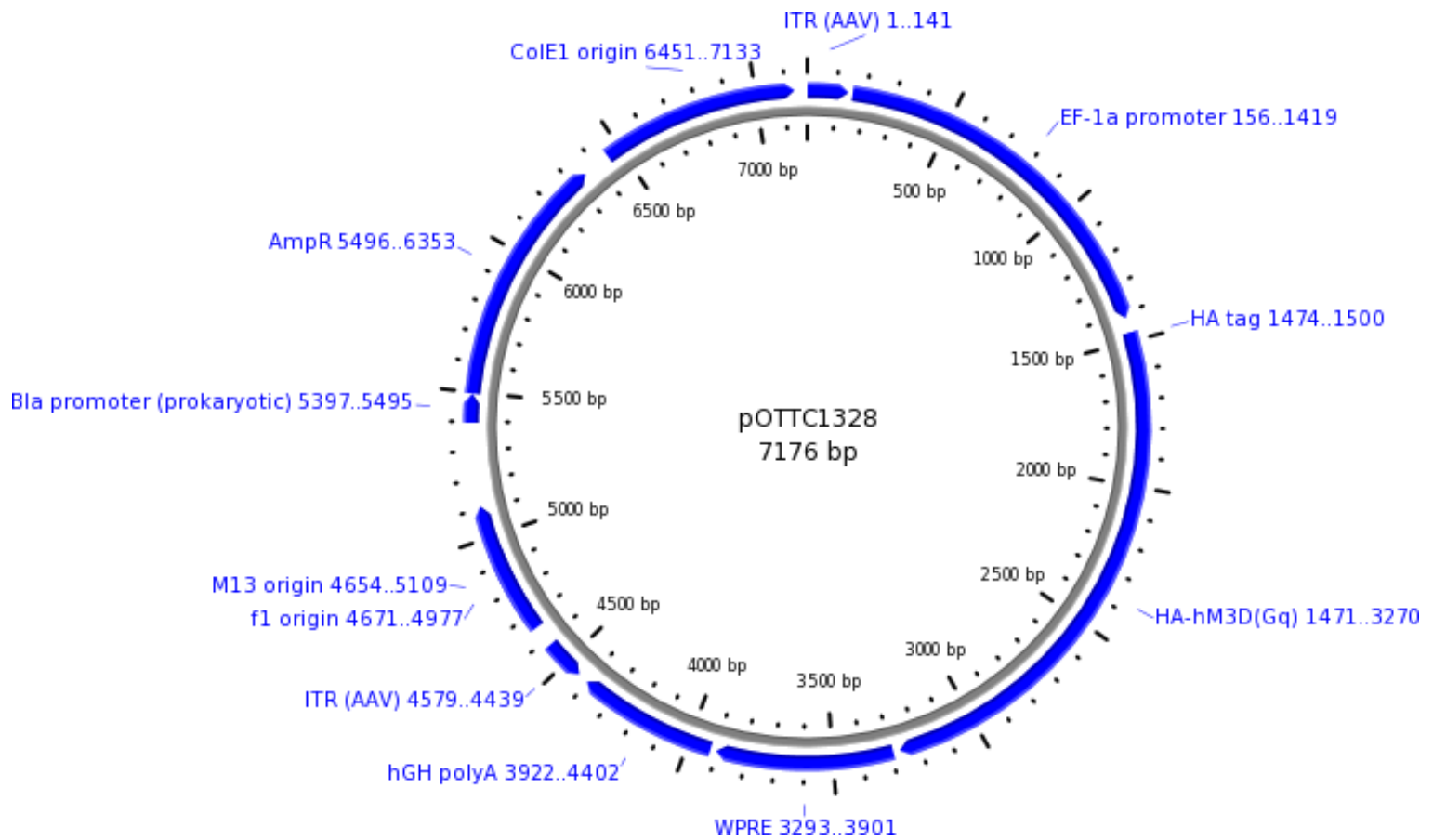


pAAV EF1a HA-hM3D(Gq) pOTTC1328



Name	Description	Location
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	1..141
EF-1a promoter	Human EF-1a promoter	156..1419
HA-hM3D(Gq)	HA-tagged hM3D Gq-coupled stimulatory DREADD	1471..3270
HA tag	HA epitope [YPYDVPDYA]	1474..1500
WPRE	Woodchuck Post-Transcriptional Regulation Element	3293..3901
hGH polyA	Human Growth Hormone polyadenylation signal	3922..4402
ITR (AAV)	Inverted Terminal Repeat (Adeno-associated virus)	4579..4439
M13 origin	Phagemid origin of replication	4654..5109
f1 origin	Phagemid origin of replication	4671..4977
Bla promoter (prokaryotic)	Bacterial beta-lactamase promoter	5397..5495
AmpR	Ampicillin Resistance Marker	5496..6353
ColE1 origin	Plasmid origin of replication	6451..7133

pOTTC1328 was created by Chris Richie at OTTC/NIDA (CR1549_C).; Addgene 89149;
 File dynamically generated on 08-AUG-2017 by NIDA plasmid manager.