

Reporter Genes: CMV promoter	
Cat#	Vector name
CMV eGFP	
AAV -INV1	AAV2/1 CMV.EGFP.WPRE.bGH
AAV -INV2	AAV2/2 CMV.EGFP.WPRE.bGH
AAV -INV3	AAV2/5 CMV.EGFP.WPRE.bGH
AAV -INV4	AAV2/6.2 CMV.EGFP.WPRE.bGH
AAV -INV5	AAV2/8 CMV.EGFP.WPRE.bGH
AAV -INV6	AAV2/9 CMV.EGFP.WPRE.bGH
AAV -INV7	AAV2/rh8c CMV.EGFP.WPRE.bGH
AAV -INV8	AAV2/rh10 CMV.EGFP.WPRE.bGH
AAV -INV9	AAV2/7M8.CMV.EGFP WPRE.bGH
AAV-INV10	AAV2/9 PHP-B.CMV.EGFP WPRE.bGH
AAV-INV11	AAV2/Anc80L65.CMV.EGFP WPRE.bGH
AAV-INV12	AAV2/8. CMV.EGFP.bGH
AAV-INV13	AAV2/9. CMV.EGFP.bGH
CMV mCherry	
AAV-INV14	AAV2/1.CMV.mCherry.bGH
AAV-INV15	AAV2/2.CMV.mCherry.bGH
AAV-INV16	AAV2/5.CMV.mCherry.bGH
AAV-INV17	AAV2/6.2.CMV.mCherry.bGH
AAV-INV18	AAV2/8.CMV.mCherry.bGH
AAV-INV19	AAV2/9.CMV.mCherry.bGH
AAV-INV20	AAV2/Anc80L65.CMV.mCherry.bGH
CMV-LacZ	
AAV-INV21	AAV2/1.CMV.LacZ.bGH
AAV-INV22	AAV2/8.CMV.LacZ.bGH
AAV-INV23	AAV2/9.CMV.LacZ.bGH
AAV-INV24	AAV2/Anc80L65.CMV.LacZ.bGH
CMV-Luciferase	
AAV-INV25	AAV2/1.CMV.Luciferase2.SVPA
AAV-INV26	AAV2/2.CMV.Luciferase2.SVPA
AAV-INV27	AAV2/5.CMV.Luciferase2.SVPA
AAV-INV28	AAV2/6.2.CMV.Luciferase2.SVPA
AAV-INV29	AAV2/8.CMV.Luciferase2.SVPA
AAV-INV30	AAV2/9.CMV.Luciferase2.SVPA
AAV-INV31	AAV2/rh32.33.CMV.Luciferase2.SVPA
AAV-INV32	AAV2/rh10.CMV.Luciferase2.SVPA
AAV-INV33	AAV2/Anc80L65.CMV.Luciferase2.SVPA

Bicistronic Gene Expression	
AAV-INV34	AAV2/1.CMV.EGFP.T2A.Luciferase.SVPA
AAV-INV35	AAV2/2.CMV.EGFP.T2A.Luciferase.SVPA
AAV-INV36	AAV2/5. CMV .EGFP T2A Luciferase.SVPA
AAV-INV37	AAV2/6.2.CMV.EGFP T2A Luciferase.SVPA
AAV-INV38	AAV2/8.CMV.EGFP T2A Luciferase.SVPA
AAV-INV39	AAV2/9.CMV.EGFP T2A Luciferase.SVPA
AAV-INV40	AAV2/rh10.CMV.EGFP T2A Luciferase.SVPA
AAV-INV41	AAV2/rh32.33.CMV.EGFP T2A Luciferase. SVPA
AAV-INV42	AAV2/Anc80L65.CMV.EGFP.T2A.Luciferase.SVPA

Reporter Genes: CASI promoter	
Cat#	Vector name
CASI eGFP	
AAV-INV43	AAV2/1.CASI.EGFP.RBG
AAV-INV44	AAV2/2.CASI.EGFP.RBG
AAV-INV45	AAV2/5.CASI.EGFP.RBG
AAV-INV46	AAV2/6.2 CASI.EGFP.RBG
AAV-INV47	AAV2/8 CASI.EGFP.RBG
AAV-INV48	AAV2/9.CASI.EGFP.RBG
AAV-INV49	AAV2/rh10.CASI.EGFP.RBG
AAV-INV50	AAV2/rh32.33.CASI.EGFP.RBG
AAV-INV51	AAV2/Anc80L65.CASI.EGFP.RBG
CASI mCherry	
AAV-INV52	AAV2/2.CASI.mCherry.RBG
AAV-INV53	AAV2/6.2.CASI.mCherry.RBG
AAV-INV54	AAV2/8.CASI.mCherry.RBG
AAV-INV55	AAV2/9.CASI.mCherry.RBG
Bicistronic Gene Expression	
AAV-INV56	AAV2/1.CASI.EGFP FF2A hA1AT.RBG
AAV-INV57	AAV2/2.CASI.EGFP FF2A hA1AT.RBG
AAV-INV58	AAV2/5.CASI.EGFP FF2A hA1AT.RBG
AAV-INV59	AAV2/6.2.CASI.EGFP FF2A hA1AT.RBG
AAV-INV60	AAV2/7.CASI.EGFP FF2A hA1AT.RBG
AAV-INV61	AAV2/8.CASI.EGFP FF2A hA1AT.RBG
AAV-INV62	AAV2/9.CASI.EGFP FF2A hA1AT.RBG
AAV-INV63	AAV2/rh32.33.CASI.EGFP FF2A hA1AT.RBG
AAV-INV64	AAV2/Anc80L65.CASI.EGFP FF2A hA1AT.RBG

Tissue-specific Applications	
Cat#	Vector name
Endothelium-VE Cadherin	
AAV-INV65	AAV2/2.VE.Cadherin.EGFP.WPRE.bGH
AAV-INV66	AAV2/6.2.VE.Cadherin.EGFP.WPRE.bGH
AAV-INV67	AAV2/8.VE.Cadherin.EGFP.WPRE.bGH
AAV-INV68	AAV2/9.VE.Cadherin.EGFP.WPRE.bGH
Liver-TBG	
AAV-INV69	AAV2/8.TBG.EGFP WPRE.RBG
AAV-INV70	AAV2/Anc8L65.TBG.EGFP WPRE.RBG
AAV-INV71	AAV2/8.TBG.nLacZ.RBG
AAV-INV72	AAV2/2.TBG.nLacZ.RBG
AAV-INV73	AAV2/Anc80L65.TBG.nLacZ.RBG
Photo receptor-Rhodopsin Kinase promoter	
AAV-INV74	AAV2/2.RK.EGFP WPRE. bGH
AAV-INV75	AAV2/8.RK.EGFP WPRE. bGH
AAV-INV76	AAV2/9.RK.EGFP WPRE.bGH
AAV-INV77	AAV2/Anc80L65.RK.EGFP WPRE.bGH
Photo receptor-Rhodopsin promoter	
AAV-INV78	AAV2/8.Rho.EGFP WPRE.bGH
AAV-INV79	AAV2/9.Rho.EGFP WPRE.Bgh
AAV-INV80	AAV2/7M8.Rho.EGFP WPRE.Bgh

Miscellaneous Applications	
Cat#	Vector name
enhCB (CMV enhanced β-actin promoter (CB))	
AAV-INV81	AAV2/1.enhCB.nLacZ.bGH
AAV-INV82	AAV2/2.enhCB.nLacZ.bGH
AAV-INV83	AAV2/5.enhCB.nLacZ.bGH
AAV-INV84	AAV2/6.2.enhCB.nLacZ.bGH
AAV-INV85	AAV2/8.enhCB.nLacZ.bGH
AAV-INV86	AAV2/9.enhCB.nLacZ.bGH
AAV-INV87	AAV2/Anc80L65.enhCB.nLacZ.bGH
self-Complimentary Vectors	
AAV-INV88	SC AAV2/8.CMV.EGFP WPRE.bGH
AAV-INV89	SC AAV2/8.CMV.EGFP.bGH
AAV-INV90	SC AAV2/9.CMV.EGFP.bGH
Cre- vectors	
AAV-INV91	AAV2/8.CMV.GFP 2A CRE
AAV-INV92	AAV2/8.CMV.tdTom 2A CRE
AAV-INV93	AAV2/1.CASI.CRE.RBG
AAV-INV94	AAV2/2.CASI.CRE.RBG
AAV-INV95	AAV2/5.CASI.CRE.RBG
AAV-INV96	AAV2/6.2.CASI.CRE.RBG
AAV-INV97	AAV2/8.CASI.CRE.RBG
AAV-INV98	AAV2/9.CASI.CRE.RBG
AAV-INV99	AAV2/Anc80L65.CASI.CRE.RBG
Cre-DOG vectors	
AAV-INV100	AAV2/1.EF1a.N-CretrcintG WPRE.hGH
AAV-INV101	AAV2/1.EF1a.C-CreintG WPRE.hGH
AAV-INV102	AAV2/2.EF1a.N-CretrcintG WPRE.hGH
AAV-INV103	AAV2/2.EF1a.C-CreintG WPRE.hGH
AAV-INV104	AAV2/8.EF1a.N-CretrcintG WPRE.hGH
AAV-INV105	AAV2/8.EF1a.C-CreintG WPRE.hGH
Flpo-DOG vectors	
AAV-INV106	AAV2/1.EF1a.dGBP1x2.flpo-DOG.hGH
AAV-INV107	AAV2/8.EF1a.dGBP1x2.flpo-DOG.hGH
SaCas9 vectors	
AAV-INV108	AAV2/8.CMV.SaCas9-3HA.bGH
AAV-INV109	AAV2/8.CMV.SaCas9-3HA.bGH.U6.sgRNA
AAV-INV110	AAV2/8.TBG.SaCas9-HA-OLLAS.bGH.U6.sgRNA
AAV-INV111	AAV2/8.hSyn.SaCas9.hGH