

AV construct	Addgene ID	Titer
*AAV2/5 <i>GfaABC₁D</i> BioID2-Linker-BioID2-HA	176740	3.7 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Lck-BioID2-Linker-BioID2-HA	176741	3.1 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Aqp4-BioID2-Linker-BioID2-HA	176742	1.1 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Cx43-BioID2-Linker-BioID2-HA	176743	2.5 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Ezr-BioID2-Linker-BioID2-HA	176744	1.0 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Glt1-BioID2-Linker-BioID2-HA	176745	2.0 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> HA-BioID2-Linker-BioID2-Kir4.1	176746	6.3 x 10 ¹³ gc/ml
AAV2/5 <i>GfaABC₁D</i> tdTomato	44332	1.4 x 10 ¹³ gc/ml
AAV2/5 <i>GfaABC₁D</i> Lck-eGFP	52925	1.5 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> eGFP	176861	1.1 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Aqp4-eGFP	176747	2.4 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Cx43-eGFP	176860	1.4 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Ezr-eGFP	176856	1.6 x 10 ¹³ gc/ml
*AAV2/5 <i>GfaABC₁D</i> Glt1-eGFP	176862	5.8 x 10 ¹³ gc/ml
AAV2/5 <i>GfaABC₁D</i> eGFP-Kir4.1	52874	2.7 x 10 ¹² gc/ml
*AAV5 <i>GfaABC₁D</i> eGFP-SAPAP3	176859	1.0 x 10 ¹³ gc/ml
*AAV5 <i>GfaABC₁D</i> HA-BioID2-SAPAP3	176858	2.4 x 10 ¹³ gc/ml
AAV2/5 <i>GfaABC₁D</i> Rpl22-HA	111811	2.1 x 10 ¹³ gc/ml
*AAV5 <i>GfaABC₁D</i> HA-SAPAP3	190200	1.0 x 10 ¹³ gc/ml
*AAV5 <i>GfaABC₁D</i> LifeAct-eGFP	190199	1.0 x 10 ¹³ gc/ml
*AAV1 <i>hSynI</i> HA-BioID2-SAPAP3	176857	2.0 x 10 ¹³ gc/ml
*AAV1 <i>hSynI</i> eGFP-SAPAP3	176853	2.0 x 10 ¹³ gc/ml
*AAV5 <i>hSynI</i> Rpl22-HA	177685	1.0 x 10 ¹³ gc/ml
*AAV1 <i>hSynI</i> eGFP	50465	1.3 x 10 ¹³ gc/ml

Supplementary Table 9. Plasmids used in this study (* new AAV plasmids generated in this study).