

Internal Notes (Salk use only):

Processed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shipped/

picked up on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Gene Transfer, Targeting, and Therapeutics Facility**

**Stock Viral Vector Request Form**

**Email completed form to GT3@salk.edu**

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| **Principal Investigator (PI):**  | **Principal Investigator email:** |
| **Requesting Investigator / Lab contact:** | **Requesting Investigator email:** |
| **Order Date:** | **Lab Contact Phone:** |
| **Fund number (for Salk researchers only):** |
| **Billing address:**  | **Shipping address:**  |

**The U.S. Bureau of Industry and Security has updated the Export Administration Regulations regarding rabies vectors. We are able to distribute reagents that contain any portion of the rabies genome only to countries that are part of the Australia Group.**

[**https://www.dfat.gov.au/publications/minisite/theaustraliagroupnet/site/en/participants.html**](https://www.dfat.gov.au/publications/minisite/theaustraliagroupnet/site/en/participants.html)

**\*\*\* Titers shown are from representative lots. Actual titers will vary. Inquire for titers of currently available lots.**

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| **Viral Vector Storage and Handling** |
| **AAV and Adenoviral vectors:**These vectors are provided in PBS, 50mM NaCl, 0.0001% PluronicF68. These vectors should be stored at -80°C. They may be re-frozen multiple times with little significant effect on the calculated titer. |
| **Lentiviral, retroviral, and G-Deleted Rabies vectors:**These vectors are provided in 1X HBSS and should be stored at -80°C. We do not recommend re-aliquotting these vectors after thawing. These vectors do not handle freeze-thaw cycles well; you will lose about 30 to 50% of the functional titer after each re-freeze cycle. Once thawed, you can keep the unused portion at 4°C for a week or two without a significant loss in titer. If you choose to re-freeze an aliquot, factor in a 30 to 50% loss of functional titer. |

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| **rAAV [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV1–CMV-eGFP | 32395 | 5.64E+12 |  |
| AAV2-CMV-eGFP | 32395 | 8.89E+12 |  |
| AAV3-CMV-eGFP | 32395 | 1.68E+12 |  |
| AAV4-CMV-eGFP | 32395 | 1.43E+12 |  |
| AAV5-CMV-eGFP  | 32395 | 4.94E+12 |  |
| AAV6-CMV-eGFP  | 32395 | 1.03E+12 |  |
| AAV8-CMV-eGFP | 32395 | 1.54E+13 |  |
| AAV9-CMV-eGFP | 32395 | 9.55E+11 |  |
| AAVDJ-CMV-eGFP | 32395 | 1.35E+13 |  |
| AAVrh10-CMV-eGFP | 32395 | 1.09E+13 |  |
| AAVRetro-CMV-eGFP | 32395 | 5.98E+12 |  |
| AAVPHP.eB-CMV-eGFP | 32395 | 4.10E+13 |  |
| AAV1-Hsyn-dsRed |  | 1.61E+11 |  |
| AAV2-Hsyn-dsRed |  | 1.07E+11 |  |
| AAV1-CMV-dsRed |  | 1.80E+10 |  |
| AAV2-CMV-dsRed |  | 2.94E+11 |  |
| AAV8-CAG-LssmOrange |  | 8.39E+11 |  |
| AAV8-CAG-iRFP |  | 7.30E+11 |  |
| AAV8-CAG-mRuby2 |  | 2.40E+12 |  |
| AAV8-CAG-PSmOrange2 |  | 9.22E+11 |  |
| AAV8-CAG-mNeptuneN2 |  | 2.03E+12 |  |
| AAVDJ-CAG-GFP |  | 1.12E+13 |  |
| AAV8-CAG-Arch-GFP | 37810 | 1.26E+12 |  |
| AAVDJ-CAG-Arch-GFP | 37810 | 3.97E+11 |  |
| AAV8-CAG-ArchT-TdTomato | 29778 | 5.23E+11 |  |
| AAVDJ-CAG-ArchT-TdTomato | 29778 | 3.82E+11 |  |
| AAV8-syn-jGCAMP7f-WPRE | 104488 | 4.55E+12 |  |
| AAVretro-syn-jGCAMP7f-WPRE | 104488 | 1.62E+12 |  |
| AAV8-CMV-TVAmCherry-2A-oG | 104330 | 1.33E+13 |  |
| AAV9-CMV-TVAmCherry-2A-oG | 104330 | 5.03E+12 |  |
| scAAV1-CAG-GFP | 83279 | 2.29E+12 |  |
| scAAV8-CAG-GFP | 83279 | 1.44E+13 |  |
| scAAVretro-hSyn-H2B-mCherry |  | 1.32E+13 |  |
| scAAVretro-hSyn-H2B-GFP |  | 1.16E+13 |  |
| AAVDJ-hSyn-hM4D(Gi)-mCherry | 50475 | 3.11E+13 |  |
| AAVDJ-hSyn-hM3D(Gq)-mCherry | 50474 | 2.96E+13 |  |
| AAV1-CaMKIIa-mCherry  | 114469 | 2.25E+11 |  |
| AAV1-CaMKIIa-C1V1(E122T/E162T)-TS-EYFP  | 35499 | 3.46E+11 |  |
| AAV1-CaMKIIa-C1V1(E122T/E162T)-TS-mCherry  | 35500 | 3.50E+11 |  |
| AAVDJ-CaMKIIa-SwiChRca-TS-EYFP  | 55630 | 1.28E+12 |  |
| AAVretro-hSyn-mCherry | 114472 | 2.93E+12 |  |
| AAV8-hsyn-ChR2(H134R)-EYFP | 26973 | 1.18E+12 |  |
| AAV8-syn-ChR2(H134R)-mCherry | 26976 | 2.10E+13 |  |
| AAVDJ-hSyn-hM3D(Gq)-mCherry | 50474 | 2.96E+13 |  |
| AAVRetro-hSyn-ChRmine-mScarlet-WPRE | 130994 | 1.57E+13 |  |
| AAV8-nef-AO-66/71-TVA950 |  | 4.32E+13 |  |
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| **Cre [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV2-CAG-Cre-GFP  | 49056 | 7.86E+10 |  |
| AAV8-CAG-Cre-GFP | 49056 | 5.41E +13 |  |
| AAVDJ-CAG-Cre-GFP | 49056 | 1.25E+12 |  |
| AAVDJ-CMV-Cre |  | 9.43E+11 |  |
| AAV2-CAG-mCherry-p2A-Cre |  | 2.16E+11 |  |
| AAVretro-Ef1a-Cre | 55636 | 2.22E+12 |  |
| AAV6-GFP/cre | 49056 | 4.31E+11 |  |
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| **Flp [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAVretro-Ef1a-Flpo | 55637 | 4.33E+12 |  |
| AAV2-hSyn-FlpO | 60663 | 1.02E+11 |  |
| AAV1-EF1a-DIO-FLPo-WPRE-hGH-pA | 32395 | 8.06E+12 |  |
| AAVRetro-EF1a-DIO-FLPo-WPRE-hGHpA | 87306 | 1.98E+13 |  |
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| **DIO [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV1-EF1a-DIO-HTB  | 44187 | 8.08E+10 |  |
| AAV2-EF1a-DIO-HTB  | 44187 | 4.54E+10 |  |
| AAV8-EF1a-DIO-HTB  | 44187 | 8.27E+10 |  |
| AAVDJ-EF1a-DIO-HTB  | 44187 | 1.83E+11 |  |
| AAV1-EF1a-DIO-HB  | 37452 | 3.46E+11 |  |
| AAV2-EF1a-DIO-HB  | 37452 | 1.22E+11 |  |
| AAV8-EF1a-DIO-HB  | 37452 | 2.37E+11 |  |
| AAVDJ-EF1a-DIO-HB  | 37452 | 1.39E+11 |  |
| AAVDJ-Syn1-DIO-eGFP |  | 2.31E+12 |  |
| AAV2-DIO-ChETA-EYFP |  | 1.32E+11 |  |
| AAV8-Ef1a-DIO-oG-WPRE-hGH | 74290 | 3.63E+13 |  |
| AAVDJ-Ef1a-DIO-oG-WPRE-hGH | 74290 | 1.49E+13 |  |
| AAVRetro-EF1a-DIO-oG-WPRE-hGH | 74290 | 3.72E+13 |  |
| AAV5-DIO-TVA-2A-oG | 178431 | 3.31E+12 |  |
| AAV8-DIO-TVA-2A-oG | 178431 | 8.78E+12 |  |
| AAV8-DIO-TC66T-2A-oG | 178430 | 1.64E+13 |  |
| AAV8-DIO-TC66T-2A-eGFP-2A-oG | 178429 | 8.33E+12 |  |
| AAV1-Esyn-DIO-TVA-YFP | 120269 | 1.13E+12 |  |
| AAV5-Esyn-DIO-TVA-YFP | 120269 | 1.28E+12 |  |
| AAV1-EF1a-DIO-hBFP-RVG | 120268 | 1.01E+11 |  |
| AAVDJ-EF1a-DIO-hM3D(Gq)-mCherry | 50460 | 6.56E+11 |  |
| AAVDJ-EF1a-DIO-hM4D(Gi)-mCherry | 50461 | 6.04E+11 |  |
| AAV5-hSyn-DIO-HA-hM3D(Gq)-IRES-mCitrine | 50454 | 1.99E+11 |  |
| AAV5-hSyn-DIO-HA-hM4D(Gi)-IRES-mCitrine | 50455 | 1.54E+11 |  |
| AAV1-EF1a-DIO-mCherry  | 50462 | 1.80E+11 |  |
| AAV8-EF1a-DIO-mCherry | 50462 | 1.58E+13 |  |
| AAV1-EF1a-DIO-C1V1(E122T/E162T)-TS-mCherry  | 35498 | 2.68E+11 |  |
| AAV1-EF1a-DIO-C1V1(E122T/E162T)-TS-EYFP  | 35497 | 1.57E+11 |  |
| AAV9-EF1a-DIO-C1V1(E122T/E162T)-TS-mCherry | 35498 | 8.91E+11 |  |
| AAVDJ-EF1a-DIO-hChR2(H134R)-EYFP-WPRE-pA  | 20298 | 1.22E+12 |  |
| AAVDJ-EF1a-DIO-SwiChRca-TS-EYFP-WPRE  | 55631 | 1.34E+12 |  |
| AAV1-EF1a-DIO-hChR2 (H134R)-mCherry-WPRE-pA | 20297 | 1.80E+11 |  |
| AAV9-EF1a-DIO-iRFP | 47626 | 4.20E+13 |  |
| AAVRetro-hSyn-DIO-oChief-Citrine-WPRE-pA |  | 2.72E+13 |  |
| AAV8-nef-2N-DIO-GFP-p2a-coUL6 |  | 8.36E+12 |  |
| AAV8-nef-2N-DIO-mCherry-p2a-coUL6 |  | 1.61E+13 |  |
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| **fDIO [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV1-EF1a-fDIO-EYFP | 55641 | 2.79E+12 |  |
| AAV8-EF1a-fDIO-EYFP | 55641 | 7.67E+12 |  |
| AAV8-CAG-fDIO-oG-WPRE-SV40PA | 74291 | 1.02E+11 |  |
| AAVDJ-CAG-fDIO-oG-WPRE-SV40PA | 74291 | 4.44E+12 |  |
| AAV1-EF1a-fDIO-mCherry | 114471 | 8.49E+12 |  |
| AAV5-EF1a-fDIO-mCherry | 114471 | 2.96E+13 |  |
| AAV1-EF1a-fDIO-hChR2(H134R)-EYFP | 55639 | 4.33E+11 |  |
| AAV5-EF1a-fDIO-hChR2(H134R)-EYFP | 55639 | 1.41E+12 |  |
| AAV8-EF1a-fDIO-hChR2(H134R)-EYFP | 55639 | 1.32E+12 |  |
| AAV9-EF1a-fDIO-hChR2(H134R)-EYFP | 55639 | 5.21E+12 |  |
| AAV8-EF1a-fDIO-StGtACR-FusionRed |  | 3.77E+13 |  |
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| **FLEX [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV2-EF1a-FLEX-H2B-GFP-P2A-oG-WPRE-hGH | 74289 | 2.55E+10 |  |
| AAV5-EF1a-FLEX-H2B-GFP-P2A-oG-WPRE-hGH | 74289 | 6.66E+11 |  |
| AAV6-EF1a-FLEX-H2B-GFP-P2A-oG-WPRE-hGH | 74289 | 3.01E+11 |  |
| AAV8-EF1a-FLEX-H2B-GFP-P2A-oG-WPRE-hGH | 74289 | 2.07E+12 |  |
| AAV9-EF1a-FLEX-H2B-GFP-P2A-oG-WPRE-hGH | 74289 | 1.84E+12 |  |
| AAV1-EF1a-FLEX-GT | 26198 | 8.60E+11 |  |
| AAV2-EF1a-FLEX-GT | 26198 | 4.44E+11 |  |
| AAV8-EF1a-FLEX-GT | 26198 | 1.86E+12 |  |
| AAVDJ-EF1a-FLEX-GT | 26198 | 5.00E+11 |  |
| AAV1-EF1a-FLEX-GTB | 26197 | 4.62E+10 |  |
| AAV2-EF1a-FLEX-GTB | 26197 | 2.73E+10 |  |
| AAV8-EF1a-FLEX-GTB | 26197 | 2.12E+11 |  |
| AAVDJ-EF1a-FLEX-GTB | 26197 | 7.74E+10 |  |
| AAV2-FLEX-GFP | 28304 | 2.12E+12 |  |
| AAV8-FLEX-GFP  | 28304 | 6.24E+11 |  |
| AAV9-FLEX-GFP | 28304 | 1.98E+13 |  |
| AAVPHP.eB-FLEX-GFP | 28304 | 6.02E+12 |  |
| AAV8-FLEX-ArchT-GFP | 28307 | 3.27E+11 |  |
| AAV8-FLEX-ArchT-tdTomato  | 28305 | 7.02E+11 |  |
| AAVDJ-FLEX-ArchT-GFP | 28307 | 1.26E+12 |  |
| AAVDJ-FLEX-ArchT-td-Tomato | 28305 | 9.49E+11 |  |
| AAV1-phSyn1(S)-FLEX-tdTomato-T2A-SypEGFP-WPRE | 51509 | 7.25E+10 |  |
| AAV2-phSyn1(S)-FLEX-tdTomato-T2A-SypEGFP-WPRE | 51509 | 2.23E+11 |  |
| AAV5-phSyn1(S)-FLEX-tdTomato-T2A-SypEGFP-WPRE | 51509 | 3.50E+12 |  |
| AAV8-phSyn1(S)-FLEX-tdTomato-T2A-SypEGFP-WPRE | 51509 | 2.24E+12 |  |
| AAV9-phSyn1(S)-FLEX-tdTomato-T2A-SypEGFP-WPRE | 51509 | 1.42E+13 |  |
| AAV8-CAG-FLEX-TCB (TVA-mCherry) | 48332 | 1.38E+12 |  |
| AAV9-CAG-FLEX-TCB (TVA-mCherry) | 48332 | 7.42E+12 |  |
| AAVDJ-CAG-FLEX-TCB (TVA-mCherry) | 48332 | 1.37E+11 |  |
| AAV1-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 9.22E+11 |  |
| AAV2-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 1.66E+10 |  |
| AAV5-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 8.40E+12 |  |
| AAV6-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 5.92E+10 |  |
| AAV8-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 3.64E+13 |  |
| AAV9-hSyn-FLEX-TVA-P2A-eGFP-2A-oG | 85225 | 2.22E+11 |  |
| AAV5-CAG-FLEX-oG-WPRE-SV40-PA | 74292 | 1.36E+13 |  |
| AAV6-CAG-FLEX-oG-WPRE-SV40-PA | 74292 | 1.46E+12 |  |
| AAV8-CAG-FLEX-oG-WPRE-SV40-PA | 74292 | 8.91E+13 |  |
| AAV9-CAG-FLEX-oG-WPRE-SV40-PA | 74292 | 1.78E+11 |  |
| AAVDJ-CAG-FLEX-oG-WPRE-SV40-PA | 74292 | 7.03E+12 |  |
| AAV8-FLEX-DTR-GFP | 124364 | 3.94E+13 |  |
| AAV9-FLEX-DTR-GFP | 124364 | 6.85E+12 |  |
| AAV8-CMV-FLEX-TVAmCherry-2A-oG | 102985 | 1.39E+13 |  |
| AAV9-CMV-FLEX-TVAmCherry-2A-oG | 102985 | 1.37E+13 |  |
| scAAV9-hSyn:Flex:GFP8 |  | 5.09 E+12 |  |
| AAV8-EF1a-mCherry-FLEX-DTA | 58536 | 3.00E+13 |  |
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| **FRT [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV8-CAG-FLEx(FRT)-TC (TVA-mCherry) | 67827 | 1.03E+12 |  |
| AAV9-CMV-FRT-myrSNAP-2A-H2BeGFP-WPRE | 102986 | 4.94E+12 |  |
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| **DO [25µl / aliquot]** | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV9-EF1a-DO-hChR2(H134R)-mCherry-WPRE-pA | 37082 | 3.56E+11 |  |
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| **From Deisseroth Lab [25µl / aliquot]:**requires MTA from Karl Deisseroth, Stanford - deissero@stanford.edu | **Addgene** | **Titer [GC/mL] \*\*\*** | **# Requested** |
| AAV1-CaMKIIa-EYFP  |  | 1.35E+11 |  |
| AAV5-EF1a-DIO-iC++-eYFP |  | 1.88E+12 |  |
| AAVDJ/8-EF1a-DIO-iC++-EYFP |  | 6.52E+12 |  |
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| **AAV Serotype Kits** | **# Requested** |
| AAV Serotype Kit: CMV-eGFP. Iodixanol Purified. Contains 10ul each of AAV1, 2, 3, 4, 5, 6, 8, 9, 10, DJ, and retro. |  |
| AAV Serotype Kit: FLEX-GFP. Iodixanol Purified.Contains 10ul each of AAV1, 2, 3, 4, 5, 6, 8, 9, 10, DJ, and retro. |  |

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| **Lentivirus [5µl / aliquot]** | **Addgene** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| LV-SIN-CMV-eGFP |  | 3.20E+10 (qPCR)3.75E+07 (FACS) |  |
| LV-SIN-Ubi-iCre-mCherry |  | 2.08E+10 (qPCR)1.73E+10 (FACS) |  |
| LV-pBOB-synP-HTB | 30195 | 1.29E+11 (qPCR)2.07E+08 (FACS) |  |
| LV-pBOB-synP-HT | 30456 | 1.20E+11 (qPCR)6.90E+08 (FACS) |  |
| LV-LucS | 22778 | 4.87E+10 (qPCR) |  |
| LV-pRRL-sin-cPPT-hPGK-eGFP-WPRE |  | 2.52E+11 (qPCR)1.10E+10 (FACS) |  |
| LV-pRRL-sin-cPPT -hPGK-mCherry-WPRE |  | 8.21E+10 (qPCR)9.00E+09 (FACS) |  |
| LV-pRRL-sin-cPPT-hPGK-tdTomato-WPRE |  | 2.04E+11 (qPCR)6.30E+09 (FACS) |  |
| LV-LX307 P2A GFP Luciferase | 193674 | 1.06E+11 (qPCR)2.44E+09 (FACS) |  |

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| **Retrovirus [5µl / aliquot]**  | **Addgene** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| RV-Syn-GTRgp (histone-GFP, TVA, Rabies glycoprotein) |  | 7.71E+10 (qPCR)3.03E+08 (FACS) |  |
| RV-CAG-eGFP | 16664 | 3.54E+11 (qPCR)7.37E+08 (FACS) |  |
| MLV-CAG-GFP-IRES-Cre | 48201 | 6.29E+11 (qPCR)1.38E+09 (FACS) |  |

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| **EIAV [10µl / aliquot]** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| EIAV-TLoop-GFP | 4.52E+10 (qPCR) |  |
| EIAV-TLoop-BFP | 4.52E+10 (qPCR) |  |
| EIAV-TLoop-ChR2-YFP | 2.20E+10 (qPCR) |  |
| EIAV-DIO-TLoop-ChR2-YFP | 2.30E+11 (qPCR) |  |

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| **Unpseudotyped Rabies [5µl / aliquot]** | **Addgene** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| G-Deleted Rabies-eGFP | 32635 | >1.0E+08 |  |
| G-Deleted Rabies-mCherry | 32636 | >1.0E+08 |  |
| G-Deleted Rabies-ChR2-mCherry | 32646 | >1.0E+08 |  |
| G-Deleted Rabies GCaMP3-dsRedXpress | 32645 | >1.0E+08 |  |
| G-Deleted Rabies eGFP-Er(T2)CreEr(T2) | 32649 | >1.0E+08 |  |
| G-Deleted Rabies eGFP-rtTA | 32648 | >1.0E+08 |  |
| G-Deleted Rabies Cre-eGFP |  | >1.0E+08 |  |
| G-Deleted Rabies eGFP-ArchT |  | >1.0E+08 |  |
| G-Deleted Rabies BFP | 32639 | >1.0E+08 |  |
| G-Deleted Rabies FLPo-dsRedExpress | 32650 | >1.0E+08 |  |
| G-Deleted Rabies AlstR-GFP | 32647 | >1.0E+08 |  |
| G-Deleted Rabies dsRedXpress | 32638 | >1.0E+08 |  |
| G-Deleted Rabies mCherry-Myc | 32637 | >1.0E+08 |  |
| G-Deleted Rabies GCaMP3 | 32644 | >1.0E+08 |  |
| G-Deleted Rabies-GCamp6-dsRed |  | >1.0E+08 |  |
| G-Deleted Rabies-N-P-M-EGFP-SynPhRFP-L | 52483 | >1.0E+08 |  |
| G-Deleted Rabies-H2B-mCherry | 206007 | >1.0E+08 |  |
| G-Deleted Rabies 5PSDEGFP-SynPhRFP | 217979 | >1.0E+08 |  |
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| **EnvA-Pseudotyped Rabies [5µl / aliquot]** | **Addgene** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| EnvA G-Deleted Rabies-eGFP | 32635 | >1.0E+08 |  |
| EnvA G-Deleted Rabies-mCherry | 32636 | >1.0E+08 |  |
| EnvA G-Deleted Rabies-ChR2-mCherry | 32646 | >1.0E+08 |  |
| EnvA G-Deleted Rabies GCaMP3-dsRedXpress | 32645 | >1.0E+08 |  |
| EnvA G-Deleted Rabies eGFP-Er(T2)CreEr(T2) | 32649 | >1.0E+08 |  |
| EnvA G-Deleted Rabies eGFP-rtTA | 32648 | >1.0E+08 |  |
| EnvA G-Deleted Rabies Cre-GFP |  | >1.0E+08 |  |
| EnvA G-Deleted Rabies eGFP-ArchT |  | >1.0E+08 |  |
| EnvA G-Deleted Rabies BFP | 32639 | >1.0E+08 |  |
| EnvA G-Deleted Rabies FLPo-dsRedExpress | 32650 | >1.0E+08 |  |
| EnvA G-Deleted Rabies AlstR-GFP | 32647 | >1.0E+08 |  |
| EnvA G-Deleted Rabies dsRedXpress | 32638 | >1.0E+08 |  |
| EnvA G-Deleted Rabies-GCamp6-dsRed |  | >1.0E+08 |  |
| EnvA G-Deleted Rabies-N-P-M-EGFP-SynPhRFP-L | 52483 | >1.0E+08 |  |
| EnvA G-Deleted Rabies-H2B-mCherry | 206007 | >1.0E+08 |  |
| EnvA G-Deleted Rabies 5PSDEGFP-SynPhRFP | 217979 | >1.0E+08 |  |
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| **LCMV (replication competent strains)**  |  | **Titer [PFU/mL] \*\*\*** | **# Requested** |
| LCMV Armstrong, 3 ml  |  | 1.36E+07 |  |
| LCMV Clone 13, 3 ml  |  | 1.77E+08 |  |
|  |
| **LCMV virus preps:**These vectors are provided in 1X HBSS and should be stored at -80°C. We do not recommend re-aliquotting the LCMVvectors after thawing. These vectors do not handle freeze-thaw cycles well; you will lose about 30 to 50% of the titer after each re-freeze cycle. Once thawed, you can keep the unused portion at 4°C for a week or two without a significant loss in titer. If you choose to re-freeze an aliquot, factor in a 30 to 50% loss of titer. |

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| **HSV [5µl / aliquot]** | **Addgene** | **Titer [PFU/mL] \*\*\*** | **# Requested** |
| HSV H129 LSL-TK-GFP dUL6 |  | 1.013E+07 |  |
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| **HSV vectors:**These vectors are provided in 1X HBSS and should be stored at -80°C. We do not recommend re-aliquotting the HSV vectors after thawing. These vectors do not handle freeze-thaw cycles well; you will lose about 30 to 50% of the titer after each re-freeze cycle. Once thawed, you can keep the unused portion at 4°C for a week or two without a significant loss in titer. If you choose to re-freeze an aliquot, factor in a 30 to 50% loss of titer. |

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| **Single Cycle VSV Variants [5µl / aliquot]** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| G-Deleted VSV-eGFP  | 2.18E+09 |  |
| G-Deleted VSV-tdTomato | 3.69E+09 |  |
| G-Deleted VSV(M51R)-Cre (mKate) | 2.41E+09 |  |
| G-Deleted VSV(M51R)-GFP | 4.87E+09 |  |
| G-Deleted VSV-mCherry-NPM-CHR2-YFP | 1.03E+10 |  |
| EnvA G-Deleted VSV-EGFP | 9.90E+08 |  |
| EnvA G-Deleted VSV-tdTomato | 4.14E+09 |  |
| Rabies Virus G (RVG) G-Deleted VSV-eGFP | 3.08E+08 |  |
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| **Replication-incompetent VSV vectors:**These vectors are provided in 1X HBSS and should be stored at -80°C. We do not recommend re-aliquotting the VSV vectors after thawing. These vectors do not handle freeze-thaw cycles well; you will lose about 30-50% of the titer after each re-freeze cycle. Once thawed, you can keep the unused portion at 4°C for a week or two without a significant loss in titer. If you choose to re-freeze an aliquot, factor in a 50% loss of titer. |
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| **Replication-Competent VSV Variants [5µl / aliquot]** | **Titer [TU/mL] \*\*\*** | **# Requested** |
| EnvA VSV-eGFP(contains EnvA/RABVG fusion & eGFP in viral genome) |  |  |
| RABV-G VSV-eGFP(contains rabies glycoprotein and eGFP in viral genome) | 2.51E+09 |  |
| RABV-G VSV-mCherry(contains rabies glycoprotein and mCherry in viral genome) | 6.19E+10 |  |
| LCMV-G VSV-eGFP (contains LCMV glycoprotein and eGFP in viral genome) | 4.10E+10 |  |
| VSV-G VSV-EGFP | 1.14E+11 |  |
| VSV-G VSV-Venus 1 (a plaque purified isolate, number 14)  | 4.60E+08 |  |
| VSV-G VSV-Venus 2 (a plaque purified isolate, number 21) | 8.22E+09 |  |
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| **Replication-competent VSV vectors:**These vectors are provided in 1X HBSS and should be stored at -80°C. We do not recommend re-aliquotting the VSV vectors after thawing. These vectors do not handle freeze-thaw cycles well; you will lose about 30-50% of the titer after each re-freeze cycle. Once thawed, you can keep the unused portion at 4°C for a week or two without a significant loss in titer. If you choose to re-freeze an aliquot, factor in a 50% loss of titer. |

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| **Adeno [50µl / aliquot]** | **Alternative name:** | **# Requested** |
| Ad5-CMV-tdTomato |  |  |
| Ad5-CMV-Cre |  |  |
| Ad5-CMV-eGFP |  |  |
| Ad5-EF1a-tdTomato |  |  |
| Ad5/34-CMV-tdTomato | Ad5/knob 34 |  |
| Ad5-EF1-Luc-eGFP |  |  |
| Ad5/35-CMV-eGFP | E1- / 1st Generation |  |
| Ad35-CMV-YFP | E1a+ / Rep Competent |  |

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| **Cell Lines [1ml / aliquot]** | **# Requested** |
| B7GG |  |
| BHK-EnvA |  |
| 293T-TVA800 |  |

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Biological materials to which this Limited Use Agreement applies:

**Lentiviral vectors, Retroviral vectors, Adeno-associated viral vectors and Adenoviral vectors, Herpes Simplex viral vectors, Rabies viral vectors and Vesicular Stomatitis viral vectors generated by the Salk Institute Gene Transfer, Targeting, and Therapeutics Core Facility (GT3).**

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	5. Return or destroy the Materials when no longer needed or on Salk’s request.
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