

| VECTOR STOCKS: in -80 archive freezer | | | | | | | |
|---------------------------------------|-------|----------|------------|-------------------------|--------|-------------|-------------------|
| NAME | FROM | DATE | DILUTED IN | USED FOR | #TUBES | CAME FROM | MORE INFO |
| | | | | VECTOR STOCK BOX 1 | | | |
| C115 Rae1D | TJ | 05/11/05 | | | 1 | | |
| gagppol | TJ | 01/31/08 | 1.87ug/ul | | 1 | | |
| MCMV-Thy1.1 OVA | TJ | 08/31/07 | 0.33ug/ul | | 1 | | |
| MCSV-CMV-Rae1E GFP | TJ | 02/29/04 | 0.70ug/ul | | 1 | | clone 1 |
| MCSV-D Rae1B-GMCSF | TJ | 09/10/05 | 0.50ug/ul | | 1 | | clone 7 |
| MCV CMV Rae1E | TJ | 03/03/07 | 1.10ug/ul | | 1 | | |
| MFG Rae1 B | TJ | 01/31/08 | 1.10ug/ul | | 1 | | |
| MFG Vector | TJ | 01/31/08 | 1.18ug/ul | | 1 | | |
| MFG-H60 | TJ | 01/31/08 | 1.22ug/ul | | 1 | | |
| MFG-Rae1D | TJ | 09/02/05 | 0.80ug/ul | | 1 | | |
| MSCV 2.2 | TJ | 10/06/04 | 1.30ug/ul | | 1 | | |
| MSCV CMV D GFP | TJ | 03/03/04 | 0.90ug/ul | | 1 | | |
| MSCV Thy1.1 | TJ | 08/31/07 | 1.25ug/ul | | 1 | | |
| MSCV Thy1.1 | SML | 09/28/07 | H2D | miniprep DNA | 1 | Sha Lab | |
| MSCV Thy1.1 OVA | SML | 09/28/07 | | miniprep DNA | 1 | | |
| MSCV2.2-Rae1E | TJ | 01/31/08 | 1.00ug/ul | | 1 | | |
| MSCV2.2-Rae1E | TJ | 03/12/05 | 4.10ug/ul | | 1 | | |
| MSCV-CMV-GFP | TJ | 03/03/04 | 0.75ug/ul | | 1 | | |
| MSCV-CMV-Rae1D IRES GMCSF | TJ | 07/06/05 | 1.30ug/ul | | 1 | | |
| MSCV-CMV-Rae1E IRES GMCSF | TJ | 03/08/05 | 0.90ug/ul | | 1 | | |
| MSCV-CMV-Rae1D | TJ | 05/18/05 | 1.10ug/ul | | 1 | | |
| MSCVD Rae1B GMCSF | TJ | 09/10/05 | 0.55ug/ul | | 1 | | clone 13 |
| MSCV-D Rae1D | TJ | 07/25/05 | 0.84ug/ul | | 1 | | |
| MSCV-H60 | TJ | 07/13/06 | 0.72ug/ul | | 1 | | clone 3 |
| MSCV-H60 | TJ | 07/13/06 | 0.57ug/ul | | 1 | | clone 5 |
| PACIX-Rae1D | TJ | 09/12/05 | 0.40ug/ul | | 1 | | clone 20 |
| beta-actin OVA | SML | 09/28/07 | | to make MSCV-Thy1.1 OVA | 1 | Shastri Lab | |
| beta- IRES | TJ | 01/10/04 | 0.73ug/ul | | 1 | | (meth) |
| beta IRES-GMCSF-Adaptor | TJ | 05/21/05 | 0.97ug/ul | | 1 | | |
| beta-IRES | TJ | 01/31/08 | 2.00ug/ul | | 1 | | |
| pcDNA OVA | SML | 09/28/07 | 99S | to make MSCV-Thy1.1 OVA | 1 | Shastri Lab | |
| pcMK gagpd | TJ/DS | 01/31/08 | 3.347ug/ul | | 1 | | |
| Pelet Paint Co-Precipitant | TJ | 01/31/08 | 125ug/ul | | 1 | Novagen | |
| pGEM-GMCSF | TJ | 07/01/03 | 2.09ug/ul | | 1 | | pGEM T Easy GMCSF |
| pGEMT-FMCSF | TJ | 01/10/04 | 0.66ug/ul | | 1 | | (meth) |
| pHCMV-11 VSV | TJ | 01/31/08 | 1.78ug/ul | | 1 | | |
| pMSCV H60 | TJ | 01/31/08 | 1.10ug/ul | | 1 | | A1 |
| PKS - | SML | 09/28/07 | | | 1 | Invitrogen | |
| pMFG-GMCSF | TJ | 01/31/08 | 1.00ug/ul | | 1 | | |
| pMFG-Nike | TJ | 01/31/08 | 0.5ug/ul | | 1 | | |
| pMG-GMCSF Ly+2 | TJ | 01/31/08 | | | 1 | | |
| pMG-GMCSF Ly+2 | TJ | 01/31/08 | 0.90ug/ul | | 1 | | |
| pMSCV - MULT | TJ | 08/08/04 | 1.00ug/ul | | 1 | | |
| pMSCV CMV GFP | TJ | 01/31/08 | 1.10ug/ul | | 1 | | |
| pMSCV D MULT | TJ | 08/08/04 | 1.00ug/ul | | 1 | | clone 1 |
| pMx GFP | TJ | 01/31/08 | 0.50ug/ul | | 1 | | |
| PQC-X19-Rae1D | TJ | 08/29/05 | 0.40ug/ul | | 1 | | |
| PQC-X19 | TJ | 08/31/05 | 0.40ug/ul | | 1 | | |
| VpR | FD | 11/15/08 | | | 31 | | |
| VpR | FD | 11/16/08 | | | 2 | | |

| VECTOR STOCK BOX 2 | | | | | | | |
|--------------------------------|------|----------|-----------------|--|--------|--------------|-----------|
| NAME | FROM | DATE | DILUTED IN | USED FOR | #TUBES | CAME FROM | MORE INFO |
| IC181-BAC DNA | FD | 06/04 | | | 1 | | |
| HIV HAS+ VA- E- VpR | FD | | | | 1 | | |
| HIV HS+ VpR+ E- | FD | | | | 1 | | |
| NL43 VpR- | FD | 03/03/08 | | | 1 | | |
| NL43 VpR+ | FD | 03/03/08 | | | 1 | | |
| P161-GFP | FD | 06/22/07 | 1 mg/ml | | 1 | | |
| P161-GFP | FD | | 1.5 ug/10ul TE | | 1 | | |
| PVSV0 | FD | | 0.5 mg/ml | | 1 | | |
| PR9 | FD | | 1.3 ug/10ul TE | | 1 | | |
| PEGFP-C1 | FD | 11/05/05 | 1 ug/ml | | 1 | | |
| PG 1 | FD | 06/22/07 | 1 ug/ml | | 1 | | |
| PHR-VpR | FD | 06/22/07 | 1 mg/ml | | 1 | | |
| PHR-VPRIRRES | FD | | 1.78 ug/10ul TE | | 1 | | |
| PVSV-G | FD | 02/10/05 | 1 ug/ml | | 1 | | |
| PVSV-G | FD | | 2.7 ug/10ul TE | | 1 | | |
| VpR | FD | 11/16/08 | | | 22 | | |
| VSVG | FD | 03/03/08 | | | 1 | | |
| beta2a2 | NW | | 1.6 | transduction pFG12 | 1 | Schissel lab | |
| pFG12 HIF-1a 3mutations | NW | | 1 | inducible hif-1a | 1 | | |
| pcDNA3 HIF-1a dPA | NW | | 1.3 | | 1 | | |
| pVECF-Luc | NW | | 1.54 | HRE | 1 | Winoto lab | |
| pGL3-PF1-ER3 #4 | NW | | 0.0995 | h60c promoter luciferase | 1 | | |
| pGL3-PF1-ER3 #2 | NW | | 0.744 | h60c promoter luciferase | 1 | | |
| pGL3-PF1-ER3 #3 | NW | | 0.21 | h60c promoter luciferase | 1 | | |
| pcDNA3 HIF-1a 3mutation | NW | | 1.16 | inducible hif-1a | 1 | | |
| pGL3-PF1-ER3 #5 | NW | | 0.14 | h60c promoter luciferase | 1 | | |
| pFG12 HIF-2a dPA | NW | | 1.56 | inducible hif-2a | 1 | | |
| pFG12-TRE-Ubc-rTA-Thy1.1 | NW | | 2 | dox inducible vector | 1 | Schissel lab | |
| pFG12 HIF-1a dPA | NW | | 0.22 | inducible hif-1a | 1 | | |
| pcDNA3 HIF-2a dPA | NW | | 0.23 | | 1 | | |
| pGL3-PF1-ERS #8 | NW | | 0.119 | h60c promoter luciferase | 1 | | |
| pcDNA3-CD4 | NW | | 2.1 | may be human CD4, not sure | 1 | Coscoy lab | |
| pGL3 control vector | NW | | 0.6 | firefly luciferase | 1 | | |
| pGL3 basic vector | NW | | 0.8 | firefly luciferase | 1 | | |
| pGL3 promoter vector | NW | | 1.1 | firefly luciferase | 1 | | |
| pGL3-PF1-ERS #2 | NW | | 1.2 | h60c promoter luciferase | 1 | | |
| pGL3-PF1-ERS Reverse | NW | | 0.77 | h60c promoter luciferase | 1 | | |
| FEFLR | NW | | 1.4 | renilla luciferase | 1 | Winoto lab | |
| pCI | NW | | 2 | mammalian expression vector | 1 | Winoto lab | |
| pGL3 enhancer vector | NW | | 0.12 | firefly luciferase | 1 | | |
| pGL3-PF1-ERS #1 | NW | | 0.16 | h60c promoter luciferase | 1 | | |
| pGL3-PF1-ERS #5 | NW | | 0.529 | h60c promoter luciferase | 1 | | |
| pSport6-YY1 | NW | | 0.54 | YY1 | 1 | | |
| pMSCV-HIF-1a dPA-GFP | NW | | 0.16 | HIF-1a dPA | 1 | | |
| pMSCV-HIF-1a dPA-Thy1.1 | NW | | 1.3 | HIF-1a dPA | 1 | | |
| pMSCV-H60A1-GFP | NW | | 1.1 | also known as H60c | 1 | | |
| pMSCV-H60A1-GFP | NW | | 0.5 | also known as H60c | 1 | | |
| pMSCV-H60A1 delta GFP | NW | | 2.1 | also known as H60c | 1 | | |
| pMSCV-Rae1e-GFP | NW | | 0.7 | | 1 | | |
| pMSCV-CDB-FLAG-Multi1-GFP | NW | | 0.183 | CDB leader sequence followed by FLAG epitope fol | 1 | | |
| pcDNA4-myc-his-Bis-H60A1-1g 6X | NW | | 1.5 | H60c-Fc fused to H60a leader | 1 | | |
| pCI-H60A1 w/ H60 leader | NW | | 1.8 | H60c expressed with H60a leader sequence | 1 | | |
| pCI-H60 | NW | | 0.942 | H60c expressed with H60a leader | 1 | | |
| pMSCV-H60A1 w/ CDB leader | NW | | 0.361 | H60c expressed with CDB leader | 1 | | |
| pcDNA4-Multi1-g | NW | | 0.75 | Multi1-Fc | 1 | | |
| pBS II KS+ | NW | | 1.5 | | 1 | | |
| pMSCV-H60A1 w/ CDB leader | NW | | 0.323 | H60c expressed with CDB leader | 1 | | |
| pCI-GFP | NW | | 2.2 | | 1 | | |
| pCI-H60A1 | NW | | 0.68 | H60c in pCI expression vector | 1 | | |

| VECTOR STOCK BOX 3 | | | | | | | |
|---|----------|----------|-------------|--|--------|-----------|-----------|
| NAME | FROM | DATE | DILUTION | USED FOR | #TUBES | CAME FROM | MORE INFO |
| pcDNA4-myc-his-Bis/CL H60A1-1g | | | 0.5 | H60c-Fc fused to H60a leader | 1 | | |
| H60A1ch CDBFLAG | | | 1.7 | CDBFLAG leader fused to leaderless H60A1 | 1 | | |
| H60A1ch CDBFLAG | | | 1.8 | CDBFLAG leader fused to leaderless H60A1 | 1 | | |
| H60B/c chim pCI | | | 0.5 | H60B/c leader fused to leaderless H60c | 1 | | |
| pMSCV-3G CDBFLAG H60A1 | | | 0.116 | CDBFLAG leader fused to leaderless H60A1 | 1 | | |
| pMSCV-3G CDBFLAG H60A1 | | | 0.325 | CDBFLAG leader fused to leaderless H60A1 | 1 | | |
| pMSCV-IRES GFP Emp2 | | | 0.11 ug/ul | | 1 | | |
| pMSCV-IRES GFP YY1 | | | 0.120 ug/ul | | 1 | | |
| pcDNA4-Rae1-1g | | | 1.34 ug/ul | | 1 | | |
| pcDNA4-H60-1g | | | 4.2 ug/ul | | 1 | | |
| pcDNA4-H60A1-1g | | | | | 1 | | |
| pMSCV-CMV-IRES-GFP CDB-FLAG-Multi1 (pMCI-CFM) | Tim Nice | 03/08/10 | 1.25 ug/ul | Retroviral transduction of WT Multi1encodes CDB l | 1 | | |
| pMCI-CFM a239 | Tim Nice | 03/08/10 | 0.8 ug/ul | Retroviral transduction of Multi1 lacking its entire c | 1 | | |
| pMCI-CFM D244 | Tim Nice | 03/08/10 | 0.3 ug/ul | | 1 | | |
| pMCI-CFM D253 | Tim Nice | 03/08/10 | 0.7 ug/ul | | 1 | | |
| pMCI-CFM D253 P248A | Tim Nice | 03/08/10 | 1 ug/ul | | 1 | | |
| pMCI-CFM D253 S247A | Tim Nice | 03/08/10 | 0.8 ug/ul | | 1 | | |
| pMCI-CFM D253 S247D | Tim Nice | 03/08/10 | 1.1 ug/ul | | 1 | | |
| pMCI-CFM D253 KK240RR | Tim Nice | 03/08/10 | 1.6 ug/ul | | 1 | | |
| pMCI-CFM D298 | Tim Nice | 03/08/10 | 1 ug/ul | | 1 | | |
| pMCI-CFM KK240RR | Tim Nice | 03/08/10 | 1.3 ug/ul | | 1 | | |
| pMCI-CFM KK240RR, KLK278RLR | Tim Nice | 03/08/10 | 0.7 ug/ul | | 1 | | |
| pMCI-CFM KK240RR, KLK278RLR, KKL10RR | Tim Nice | 03/08/10 | 1.3 ug/ul | Retroviral transduction of lysine-less (stable) Mult | 1 | | |
| pMCI-CFM SS246AA | Tim Nice | 03/08/10 | 0.75 ug/ul | | 1 | | |
| pMCI-CFM H60a | Tim Nice | 03/08/10 | 0.8 ug/ul | Retroviral transduction of H60a | 1 | | |
| pMCI-CFM H60a(e1-)-Multi1(C) | Tim Nice | 03/08/10 | 0.15 ug/ul | Retroviral transduction of H60a-Multi1 (HMIC) | 1 | | |
| pMCI-CFM H60a(e2-)-Multi1(C) | Tim Nice | 03/08/10 | 0.81 ug/ul | Retroviral transduction of H60a-Multi1 (HMTM) | 1 | | |
| pMCI-CFM NNL | Tim Nice | 03/08/10 | 1.8 ug/ul | Unknown gene with similarity to NKG2D ligands (N | 1 | | |
| pMCI-ID*2A | Tim Nice | 03/08/10 | 0.75 ug/ul | poliovirus gene 2A cleaves eIF4G inhibiting cap-de | 1 | | |
| pMCI-CFM HA | Tim Nice | 03/08/10 | 1 ug/ul | CFM with c-terminal HA tag | 1 | | |
| pMCI-CDB-HA-Multi1 | Tim Nice | 03/08/10 | 0.5 ug/ul | CDB leader-HA tag-WT Multi1 | 1 | | |

| | | | | | | |
|--|--------------------|----------|-------------------|--|---|--|
| pMCG-HuR | Tim Nice | 03/08/10 | 1.5 µg/µl | HuR is an RNA binding protein regulating stability | 1 | |
| pMCG-RPL26 | Tim Nice | 03/08/10 | 1.5 µg/µl | RPL26 is a ribosomal protein shown to regulate tra | 1 | |
| pMSCV-IRES-Tyrl.1 (pMIT) MYC-MARCh4 | Tim Nice | 03/08/10 | 1.9 µg/µl | Retroviral transduction of MARCh4 | 1 | |
| pMIT-MYC-MARCh9 | Tim Nice | 03/08/10 | 1.9 µg/µl | Retroviral transduction of MARCh9 | 1 | |
| pMIT-C9-FLAG-Multi1-GFP | Tim Nice | 03/08/10 | 2 µg/µl | CFM with a c-terminal GFP fusion (GFP may be cle | 1 | |
| pMSCV-IRES-hCD4 (pM14) | Tim Nice | 03/08/10 | 1.5 µg/µl | ER resident chaperone BiP (GRP78) | 1 | |
| pM14-BiP | Tim Nice | 03/08/10 | 2.2 µg/µl | catalytically inactive BiP | 1 | |
| pM14-BiP 137G | Tim Nice | 03/08/10 | 0.6 µg/µl | expression vector for N-terminal MYC tagging | 1 | |
| pCHV-TAG3a (pCT3a) | Tim Nice | 03/08/10 | 1.2 µg/µl | PHAS-1 is another name for 4EBP, 5A mutation sta | 1 | John C. Lawrence Jr. lab (UVA) |
| pCT3a-PHAS1 5A | Tim Nice | 03/08/10 | 1.3 µg/µl | FL13a stabilizes 4EBP (PHAS-1) | 1 | John C. Lawrence Jr. lab (UVA) |
| pCT3a-PHAS1 F113A | Tim Nice | 03/08/10 | 1.2 µg/µl | encodes the COP1 E3 ubiquitin ligase | 1 | |
| pCT3a-COP1 | Tim Nice | 03/08/10 | 0.3 µg/µl | | 1 | Coscoy lab |
| pCDNA-WT Dynamin | Tim Nice | 03/08/10 | 0.3 µg/µl | | 1 | Coscoy lab |
| pCDNA-DN Dynamin | Tim Nice | 03/08/10 | 1 µg/µl | | 1 | Coscoy lab |
| pCDNA3.1-tdTomato | Tim Nice | 03/08/10 | 0.8 µg/µl | | 1 | Schissel lab |
| pR/AE/F | Tim Nice | 03/08/10 | 1.3 µg/µl | Bi-cistronic dual luciferase to test for IRES activity | 1 | Sarnow lab (STANFORD) |
| pR/AE/F-247bp Multi1 5'UTR fcc | Tim Nice | 03/08/10 | 1.5 µg/µl | | 1 | |
| pR/AE/F-247bp Multi1 5'UTR rev | Tim Nice | 03/08/10 | 0.9 µg/µl | | 1 | |
| pR/AE/F-298bp Multi1 5'UTR fcc | Tim Nice | 03/08/10 | 2.4 µg/µl | | 1 | |
| pR/AE/F-298bp Multi1 5'UTR rev | Tim Nice | 03/08/10 | 1.5 µg/µl | | 1 | |
| pR/AE/F-600bp Multi1 5'UTR | Tim Nice | 03/08/10 | 1 µg/µl | | 1 | |
| pR/AE/F-EMCV IRES | Tim Nice | 03/08/10 | 1.6 µg/µl | | 1 | |
| pGL3-247bp Multi1 5'UTR | Tim Nice | 03/08/10 | 1.2 µg/µl | pGL3 control plasmid with Multi1 UTR cloned adjac | 1 | |
| pGL3-298bp Multi1 5'UTR | Tim Nice | 03/08/10 | 0.5 µg/µl | pGL3 control plasmid with Multi1 UTR cloned adjac | 1 | |
| pGL3-Multi1 3'UTR | Tim Nice | 03/08/10 | 0.5 µg/µl | pGL3 control plasmid with Multi1 UTR cloned adjac | 1 | |
| pGL3-298bp Multi1 5'UTR + Multi1 3'UTR | Tim Nice | 03/08/10 | 2 µg/µl | pGL3 control plasmid with Multi1 UTR cloned adjac | 1 | |
| pGL3-Multi1 3'UTR A1 | Tim Nice | 03/08/10 | 1 µg/µl | first 1kb of Multi1 3'UTR | 1 | |
| pGL3-Multi1 3'UTR A2 | Tim Nice | 03/08/10 | 1.2 µg/µl | middle 0.5kb of Multi1 3'UTR | 1 | |
| pGL3-Multi1 3'UTR A3 | Tim Nice | 03/08/10 | 1.2 µg/µl | last 0.5kb of Multi1 3'UTR | 1 | |
| pGL3-Multi1 3'UTR A12 | Tim Nice | 03/08/10 | 1.1 µg/µl | last 1.5kb of Multi1 3'UTR (A1 and A2 combined) | 1 | |
| pGL3-Multi1 3'UTR A33 | Tim Nice | 03/08/10 | 1 µg/µl | last 1.5kb of Multi1 3'UTR (A2 and A3 combined) | 1 | |
| pCGN-HA-HMARCh1 | Tim Nice | 03/08/10 | 1.1 µg/µl | | 1 | Coscoy lab |
| pCGN-HA-HMARCh2 | Tim Nice | 03/08/10 | 0.5 µg/µl | | 1 | Coscoy lab |
| pCGN-HA-HMARCh3 | Tim Nice | 03/08/10 | 1 µg/µl | | 1 | Coscoy lab |
| pCGN-HA-HMARCh4 | Tim Nice | 03/08/10 | 1.2 µg/µl | | 1 | Coscoy lab |
| pCGN-HA-HMARCh8 | Tim Nice | 03/08/10 | 1.1 µg/µl | | 1 | Coscoy lab |
| pCGN-HA-HMARCh9 | Tim Nice | 03/08/10 | 1 µg/µl | | 1 | Coscoy lab |
| pLMP | Tim Nice | 03/08/10 | 2 µg/µl | | 1 | Barton lab (via open biosystems) |
| pCDNA3.1-GFP | Manali | 03/08/10 | 0.6 and 1 µg/µl | pCDNA3.1 with GFP replacing Neomycin selection | 2 | pCDNA3.1 with GFP replacing Neomycin selection gene (XmaI and BstBI sites) |
| pCDNA3.1-GFP Multi1 | Manali | 03/08/10 | 0.5 µg/µl | Multi1 cloned into AflII and NotI sites | 2 | |
| pCDNA3.1-GFP Multi1+Multi1 3' UTR | Manali | 03/08/10 | 0.7 and 0.2 µg/µl | Multi1 3' UTR cloned into NotI and XhoI sites | 2 | |
| pCDNA3.1-GFP Multi1+GKYK 3' UTR | Manali | 03/08/10 | 0.3 and 7 µg/µl | GKYK 3'UTR cloned into NotI and XhoI sites | 2 | |
| pSicr mDICER shRNA | Tim (via Nataliya) | 03/28/10 | 0.35 µg/µl | DICER knockdown | 1 | ? |

VECTOR STOCK BOX 4

| NAME | FROM | DATE | DILUTION | USED FOR | #TUBES | CAME FROM | MORE INFO |
|---------------------------------|----------|----------|-----------|-------------------------|--------|-----------------------|---|
| MSCV-pm Cancer 1000 | Tim Nice | 03/28/10 | 2.9 µg/µl | shRNA screen | | 1 S. Elledge | |
| MSCV-pm Human Kinase array I | Tim Nice | 03/28/10 | 2.1 µg/µl | shRNA screen | | 1 S. Elledge | |
| MSCV-pm Human Kinase array II | Tim Nice | 03/28/10 | 1.8 µg/µl | shRNA screen | | 1 S. Elledge | |
| MSCV-pm Human Ub array I | Tim Nice | 03/28/10 | 2.3 µg/µl | shRNA screen | | 1 S. Elledge | |
| MSCV-pm Human Ub array II | Tim Nice | 03/28/10 | 1.8 µg/µl | shRNA screen | | 1 S. Elledge | |
| pGK-Hyg | Sang-Ho | 11/20/06 | | Marker Cassette | | Dr. Sohn (Winoto Lab) | hygromycin resistance gene cassette containing plasmid, positive selection marker for Tg mouse |
| pBS-Sk | Sang-Ho | 11/20/06 | | cloning vector | | Lily Zhang | parental vector for Isg gene KO and targeting |
| pTKNeoLoxP 5' arm 3' arm | Sang-Ho | 11/20/06 | | Knock in | | Lily Zhang | basal structure of Knock in construct for Vy4 Vy3 bearing upstream of L4 and downstream of V3 |
| pK5TKneoLoxP | Sang-Ho | 11/21/06 | | Marker Cassette | | Lily Zhang | Backbone of pTKNeoLoxP 5' arm 3' arm |
| pGKneoFL2DfA | Sang-Ho | 11/21/06 | | Marker Cassette | | Dr. Phil Soriano | diphtheria toxin A (DTA) for negative selection marker, not need any drug for the selection, for RMCE |
| pCre/FLPe | Sang-Ho | 04/10/08 | | recombinase | | Dr. Matthias Lauth | NLS-Cre and NLS-FLPe recombinase expression plasmid for Recombinase mediated cassette exchange (RMCE) |
| pFLPe | Sang-Ho | 06/25/08 | | recombinase | | | made from pCre/FLPe by deleting Cre gene (PstI-BamHI fragment) |
| pMC-Cre | Sang-Ho | 04/10/08 | | recombinase | | Lily Zhang | |
| pTKLoxPneo Frthyg 5' arm 3' arm | Sang-Ho | 01/11/07 | | Knock in | | | Final construct for Knock-in for pL4 pL3 KO |
| pBS L4V4 | Sang-Ho | 11/21/06 | | unarranged mouse genome | | Lily Zhang | intermediate construct |
| pBS L4V4 L3V3 | Sang-Ho | 11/21/06 | | unarranged mouse genome | | Lily Zhang | Initial clone of Vy4 Vy3 from BAC to pBS for subcloning |
| pBS V4V3 no arm | Sang-Ho | 11/21/06 | | unarranged mouse genome | | Lily Zhang | intermediate construct, Lack of 5' arm and 3' arm from pBS L4V4 L3V3 |
| pBS Vy2 | Sang-Ho | 11/21/06 | | unarranged mouse genome | | Lily Zhang | intermediate construct |