

Figure Genotypes

DUAL Control genotypes

DC^{NA}

hs-flp / + ; *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / +

DC^{GluR1}

hs-flp / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / +

DC^{GluR1;NoGAL4}

hs-flp / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* / +

DC^{rpr}

hs-flp / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / +

DC^{hepCA}

hs-flp / + ; *lexAop-hepCA* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / +

Figure 1

(C, H, I) *hs-flp* / + ; *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(D, H, I) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(E, H, I) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(F, H, I) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

Figure 2

(A, D, K) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(B, F) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(C) *hs-flp* / + ; *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(E, L) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(G-H) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *lexAop-GFP* ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-RFP*

(I-J) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / *lexAop-GFP* ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-RFP*

Figure 3

(A, D, I, K', M) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-p35*

(B, F, G, H, J, L', M) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-p35*

(C, I, K, M) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

(E, J, L, M) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

Figure 4

(A-F) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *DR^{WNT}-GFP* ; *salm-LexADBBD* , *DVE>>GAL4* / +

(G) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*

Figure 5

- (A) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / AP-1-GFP ; *salm-LexADBBD* , DVE>>GAL4 / +
(B) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / *puc^{A251}*
(C-D) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*y^{RNAi}*
(E) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*hep^{RNAi}*
(F) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*bsk^{DN}*
(G) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*mkk4^{RNAi}*
(H) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / UAS-miRHG ; *salm-LexADBBD* , DVE>>GAL4 / +

Figure 6

- (A, B) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / PCNA-GFP
(C) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / UAS-miRHG ; *salm-LexADBBD* , DVE>>GAL4 / PCNA-GFP
(D, F, G) *hs-flp* / + ; *lexAop-GluR1^{LC}* / UAS-miRHG ; *salm-LexADBBD* , DVE>>GAL4 / *DR^{WNT}-GAL80*
(E, G) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*y^{RNAi}*
hs-flp / + ; *lexAop-rpr* , *hs-p65* / UAS-miRHG ; *salm-LexADBBD* , DVE>>GAL4 / +
(F, G) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / UAS-*y^{RNAi}*
hs-flp / + ; *lexAop-GluR1^{LC}* , *hs-p65* / UAS-miRHG ; *salm-LexADBBD* , DVE>>GAL4 / +

Supplemental Figures

Figure S1

- (B) *hs-flp* / + ; *hs-p65* / *lexAop-GFP* ; *salm-LexADBBD* , DVE>>GAL4 / UAS-RFP
(C) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / +
(D) *hs-flp* / + ; *hs-p65* / + ; *salm-LexADBBD* , DVE>>GAL4 / +
(E) *hs-flp* / + ; *lexAop-GluR1^{LC}* / + ; *salm-LexADBBD* , DVE>>GAL4 / +
(F) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; DVE>>GAL4 / +

Figure S2

- (A, C) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *lexAop-GFP* ; *salm-LexADBBD* , DVE>>GAL4 / +
(B, C) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / *lexAop-GFP* ; *salm-LexADBBD* , DVE>>GAL4 / +
(D, F) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *DR^{WNT}-GFP* ; *salm-LexADBBD* , DVE>>GAL4 / UAS-mCherry
(E, F) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / *DR^{WNT}-GFP* ; *salm-LexADBBD* , DVE>>GAL4 / UAS-mCherry

Figure S3

(A, C) *hs-flp* / + ; *lexAop-rpr* , *hs-p65* / + ; *R85E08-DBD* , *DVE>>GAL4* / *UAS-p35*
 (B, C, F, I) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *R85E08-DBD* , *DVE>>GAL4* / *UAS-p35*
 (C, E) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-p35*
 (C, L) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-p35* ; *salm-LexADBD* , *DVE>>GAL4* / *DR^{WNT}-GAL80*
 (D) *hs-flp* / + ; *lexAop-hepCA* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*
 (G, I) *hs-flp* / + ; *lexAop-GluR1^{LC}* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-wg^{RNAi}*
 (H, I) *hs-flp* / + ; *lexAop-GluR1^{LC}* / *UAS-p35* ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-wg^{RNAi}*
 (K) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-GFP* ; *salm-LexADBD* , *DVE>>GAL4* / *DR^{WNT}-GAL80*

Figure S4

(A) *hep^{r75}* / Y ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / +
 (B) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-bsk^{RNAi}*
 (C) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-egr^{RNAi}*
 (D) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-grnd^{RNAi}*
 (E) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-rpr^{RNAi}*
 (F) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *hid¹*
 (G) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-miRHG* ; *salm-LexADBD* , *DVE>>GAL4* / +
 (I, J) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-GFP* ; *salm-LexADBD* / *egr-GAL4*

Figure S5

(A, B) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *CycE-disc-GFP*
 (C, D, E) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-y^{RNAi}*
 (E) *hs-flp* / + ; *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *UAS-yRNAi*
hs-flp / + ; *hs-p65* / *UAS-miRHG* ; *salm-LexADBD* , *DVE>>Gal4* / +
hs-flp / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-miRHG* ; *salm-LexADBD* , *DVE>>GAL4* / +
 (F, G, H) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / + ; *salm-LexADBD* , *DVE>>GAL4* / *PCNA-GFP*
 (H) *hs-flp* / + ; *lexAop-GluR1^{LC}* , *hs-p65* / *UAS-miRHG* ; *salm-LexADBD* , *DVE>>GAL4* / *PCNA-GFP*