GABAERGIC SYNAPSE Glial cell Citrate cycle (TCA cycle) K01915 —°**⊘**≇ **ිල**34 α-KG SucGln Glu GABA Mitochondria K13576... GAT2/3 Autoreceptor K04615 Neuron (Postsynap tic cell) K04630... K14990... Internalization Neuron (Presynap tic terminal) K08041... Early endosome Inhibition of GABA Gln OGβy K05175... --  $\blacktriangleright$  Degradation release Endocytosis cAMP 👌 K04647 Alanine, aspartate and glutamate metabolism Recycling K01425 K04344... K04345 K05704 K04345 GABA K08341 K02677... K15374 K05175... K05175... Glu**O**-K06027 K15375 K01580 GABA Vesicle Exocytosis K05175... Synaptic vesicle cycle Golgi 0 GABA 
KCC2
0 Cĺ Endocytosis Mitochondria K04344... Hyperpolarization, decreased excitability Action potential cAMP K04615 K04630. K08041... Ò K05034 GABA 04727 10/23/15 (c) Kanehisa Laboratories