## RETROGRADE ENDOCANNABINOID SIGNALING Synaptic cleft Neuron (Postsynaptic cell) Neuron (Presynaptic terminal) Ca 2+ Calcium signaling pathway K04850... Depolarization .O Na + **\_⊙**Ca+ Endocytosis K05197... **Excitatory terminal** Synaptic vesicle cycle Glu K04603... ಄ K04634 K05858 GluDepolarization-induced suppression of excitation (DSE) NAT PhosC K13985 Exocytosis 0 Glutamatergic —o∙ Nape K04344... Glu 🔍 ි**ල**ි PhosEA AEA, synapse Gene expression Gene expression phospho-AEA K04371... 2-AG cAMP **⊙**◀ K02677... Action potential K08041... K04345 K+ K13806 DAG Շβγ K13700 K04997... PG-G ʹĠβγ OGL OEA | |oo≊ |AEA K04630... K01054 ECT K15528 K04277 **₽©**2-AG 2-AG ΑĒΑ K04277 K04630.. Gβy **√** Gβγ K04997... K04371... ► Gene ✓ expression K08041... K04344... K04345 -0 Inhibitory terminal cAMP Depolarization-induced suppression of inhibition (DSI) **™** eCB-LTD GABA GABAergic Cl -K05175... synapse 0 K15291 <u>ത</u>₄ K15015 Synaptic vesicle cycle GABA. GABA Action potential Endocytosis Neuron (Presynap tic terminal)