

Table EV3: CRISPRi and rescue plasmids

Unique identifier	Name	Description
AAAA-0238,	pLenti6.3-Syt1 ^{wt} -pH	<i>Rattus norvegicus</i> synaptotagmin1 under human synapsin1 promoter Addgene Cat. #202551
AAAA-0239	pLenti6.3-Syt1 ^{K52A} -pH	<i>Rattus norvegicus</i> synaptotagmin1 with K52A mutation under human synapsin1 promoter Addgene Cat. #202552
AAAA-0240	pLV-hUV6-sgRNA-dCas9-KRAB-Puro	Basic vector Addgene Cat. #71236
AAAA-0244	pLV-hUV6-sgRNA-dCas9-KRAB-TagBFP2	Nontargeting control vector with TagBFP2, this paper Addgene Cat. #202553
AAAA-0245	pLV-RnSyt1-sgRNA1-dCas9-KRAB-TagBFP2	Synaptotagmin-1 sgRNA1 with TagBFP2, this paper Addgene Cat. #202554
AAAA-0246	pLV-RnSyt1-sgRNA2-dCas9-KRAB-TagBFP2	Synaptotagmin-1 sgRNA2 with TagBFP2, this paper Addgene Cat. #202555
AAAA-0247	pLV-RnSyt1-sgRNA3-dCas9-KRAB-TagBFP2	Synaptotagmin-1 sgRNA3 with TagBFP2, this paper Addgene Cat. #202556