

SUPPLEMENTARY TABLE S1. LIST OF NEURONAL PROMOTERS USED IN THE STUDY WITH THE EXPECTED CELL-TYPE SPECIFICITY IN THE STRIATUM AND HIPPOCAMPUS

Promoter	Size (kb)	Striatal specificity	Hippocampal specificity
PGK (mouse) Phosphoglycerate kinase 1	0.5	Ubiquitous	Ubiquitous
NSE (rat) Neuron-specific enolase	1.8	Pan-neuronal	Pan-neuronal
GAD 67 (mouse) Glutamate acid decarboxylase, 67 kDa	3.7	GABAergic neurons	GABAergic neurons
Dlx5/6 (mouse) Homeobox	0.5	GABAergic neurons	GABAergic interneurons
GluR1 (rat) Glutamate receptor 1	1.4	GABAergic neurons	CA1-CA3 neurons Few neurons in dentate gyrus
Drd1a (mouse) Dopamine receptor mouse D1a	1.3	Striatonigral pathway	Dopaminergic neurons
Tac1 (rat) Preprotachykinin 1, Substance P	0.9	Striatonigral pathway	Hilar region of dentate gyrus Strata oriens of CA1-CA3