

AAV13 Enables Precise Targeting of Local Neural Populations

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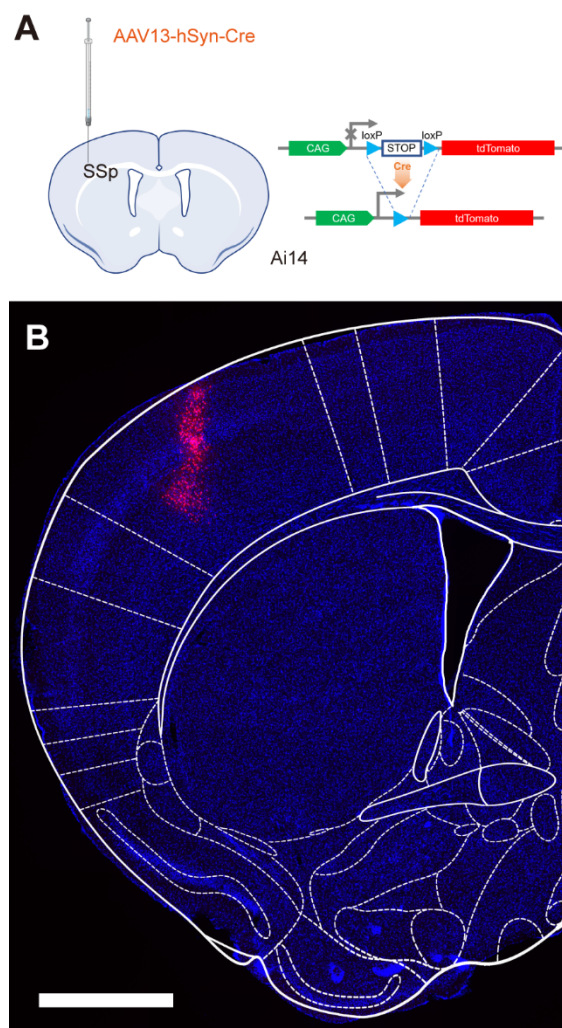
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Supplementary Information

(Contains Supplementary Table S1 and Figure S1 with Legends)

Supplementary Table S1. rAAV viral vectors titers

No.	AAV Vector	Titer (VG/mL)
1	rAAV13-CMV-EGFP-WPRE-pA	4×10^{12}
2	rAAV13-EF1 α -EGFP-WPRE-pA	5×10^{12}
3	rAAV2-EF1 α -mCherry-WPRE-pA	4×10^{12}
4	rAAV13-hSyn-Cre-WPRE-pA	4×10^{13}
5	rAAV13-CAG-DIO-EGFP-WPRE-pA	2×10^{13}
6	rAAV13-CaMKII-Cre-WPRE-pA	3×10^{13}
7	rAAV9-CAG-DIO-EGFP-WPRE-pA	8×10^{12}
8	rAAV9-hSyn-DIO-GCaMP6m-WPRE-pA	1×10^{13}



Supplementary Figure S1. AAV13 does not exhibit retrograde or transsynaptic propagation. **(A)** Schematic diagram of virus injection. AAV13-hSyn-Cre (3×10^9 VG) was injected into SSp region of Ai14 transgenic mice, in which the expression of tdTomato fluorescent reporter is Cre-dependent. **(B)** TdTomato expression was observed only at the injection site. Scale bar = 1 mm.