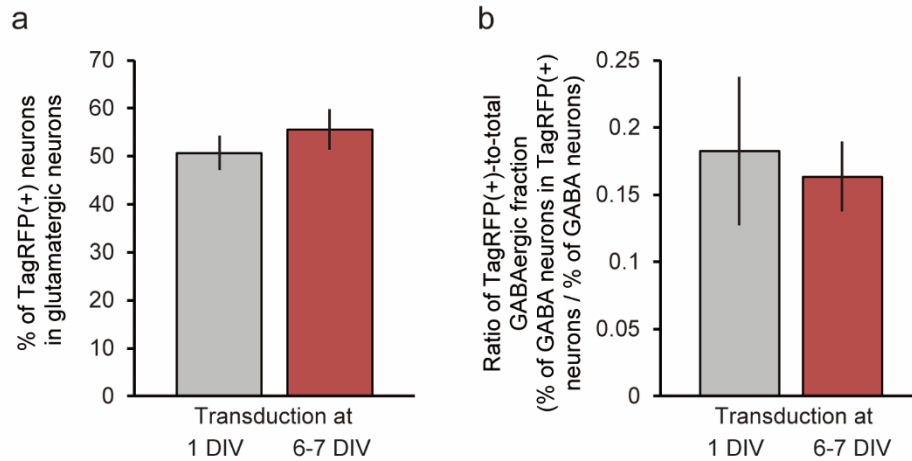


Supporting Information for

**Development of lentiviral vectors for efficient glutamatergic-selective
gene expression in cultured hippocampal neurons**

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Supplementary Fig 1. Transduction with the VGLUT1 promoter (2.1 kb) lentiviral vector at an early stage in culture did not affect the efficacy of the reporter expression in glutamatergic neurons as well as the glutamatergic neuron-specificity. Cultures were transduced with lentiviral vectors at 1 DIV and TagRFP expression was analyzed at 17 DIV (n = 6 coverslips). Percent of the neuron expressing TagRFP in glutamatergic neurons (A) and the ratio of TagRFP-positive population within GABAergic neurons (B) were not different from those in the culture transduced at 6-7 DIV and fixed at 16-18 DIV (n = 5 coverslips) (p = 0.40 and 0.78, respectively, unpaired *t*-test).