

Figure S4

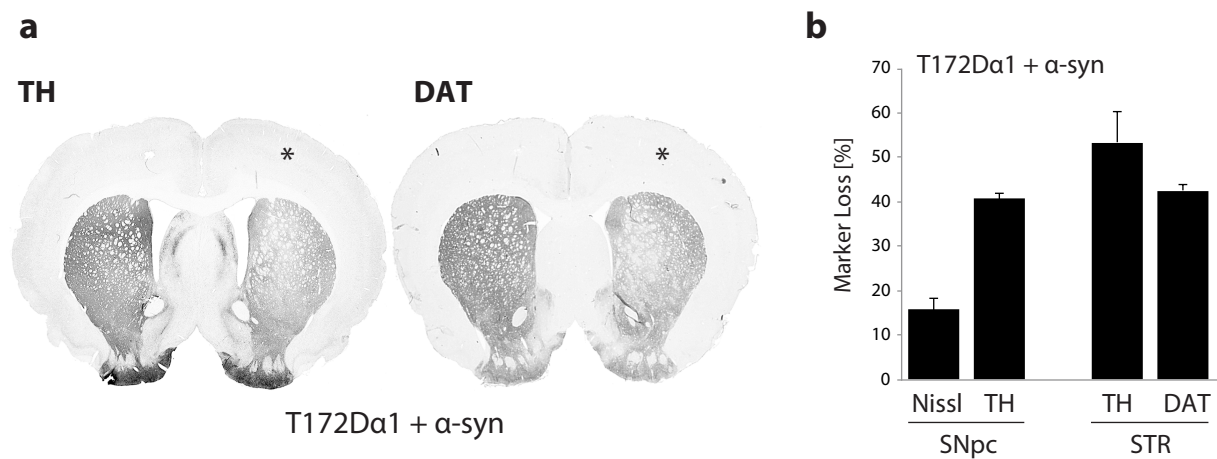


Fig S4. Down-regulation of dopaminergic markers in the nigrostriatal system following overexpression of human α -syn and T172Da1 AMPK subunit

(a) Representative immunostaining for TH and DAT in the STR of an animal co-injected with AAV- α -syn and AAV-T172Da1.

(b) Comparison of the α -syn-induced loss of nigral neurons and striatal fiber densitometry, using Nissl as well as the DAT and TH dopaminergic markers in rats co-injected with AAV- α -syn and AAV-T172Da1 (n=5 for each marker). Note the higher loss of dopamine marker immunoreactivity with respect to the loss of Nissl-stained neurons in the SNpc.

* indicates the injected hemisphere.