



HPLC chromatogram examples obtained from brain tissue homogenates from striatum and substantia nigra of unilaterally 6-OHDA-lesioned animals. Approximate retention time [min]: DOPAC = 4.2; DA = 5.3; 5-HIAA = 7.96; HVA = 12.52; 5-HT = 14.1.

**Figure S1.** Representative chromatograms for DA, 5-HT, and their metabolites in the homogenate of the ipsi- and contralateral striatal tissue sample as well as in the homogenate of the ipsi- and contralateral nigral tissue sample from unilaterally 6-OHDA-lesioned rat treated chronically i.p. with the vehicle.