Brains frozen and sectioned for MALDI IMS analysis (Fig 1).

Supplement Figure 1. Experimental design. The experimental set-up consist of unilateral injections of 6-OHDA into the right medial forebrain bundle anterior of the substantia nigra. A so-called cylinder test was used to assess forelimb asymmetry use and indicated the degree of DA-denervation. L-DOPA treatment and dyskinesia rating (blue arrow; 8 mg/(kg and day) commenced one day after the first cylinder test and ended one day after the second test. The brains were collected 60 minutes after the last L-DOPA dose, frozen on finely crushed dry ice and stored at -80°C until sectioning.