Dopa neurons in substantia nigra
Reduced dopa in PD patients
Lewy body
Levodopa
Pedigree - Woody Guthrie
Huntington’s disease-affected brains

Figure D-4: Effect of HD on the Basal Ganglia

The basal ganglia of the human brain, showing the impact of HD on brain structure in this region. Note especially that the brain of a person with HD has bigger openings due to the death of nerve cells in that region.

CAG repeats in htt

Figure S-3: CAG Repeat Counts on the Huntington gene

Genetic test results correspond to the ranges of the CAG repeat site.
Role of Huntingtin
Fly model of Huntington’s

Human brain

normal

HD

Fly eye

normal

polyQ108

Thompson, L.M. 2003