**Supplementary Table 4 –** Summary cohort characteristics. Measured CAG size is reported as mean (standard deviation) for each sub-cohort.

|  |  |  |  |
| --- | --- | --- | --- |
| Gender | Genotype | CAG Size | N |
| M | **HdhQ111/+** | 131 (2.1) | 8 |
| F | **HdhQ111/+** | 129 (2.7) | 6 |
| M | **Hdh+/+** | 7 (0) | 6 |
| F | **Hdh+/+** | 7 (0) | 10 |