

Supplementary Material

Table S1 (Figure 1)

Overview of studies investigating the molecular structure of Huntingtin inclusion bodies (IBs) by conventional EM

Study	DiFiglia 1997	Davies 1997	Petrasch- Parwetz 2007	Waelter 2001	Qin 2004	Díaz- Hernández 2004	Miller 2010
Panel in Figure 1	A	B	C	D	E	F	not shown
System	HD patients	R6/2 mice	tgHD rats R6/2 mice	HEK 293 Tet-Off cells (human)	MCF-7 cells (human)	Tet/HDg4 mice	Primary striatal culture (rat)
Huntingtin construct	endogenous Htt	Htt exon 1	Htt exon 1-15 Htt exon 1	Htt exon 1	FH969	Htt exon 1	Htt-GFP exon 1
polyQ length	40-42 69-70	115-157	51 141-157	83	100	94	64,72,97
IB appearance (conv. EM)	granular & fibrillar	granular (occasional fibrillar)	granular & fibrillar	fibrillar	granular & fibrillar	fibrillar	granular / amorphous
IB location	cytosolic & nuclear	cytosolic	cytosolic & nuclear	cytosolic	cytosolic	cytosolic & nuclear	cytosolic

In the row 'System', the color indicates if the investigated sample was from patients brains, animal brains or cell culture.