

Supplementary Table 1. Characteristics of transgenic mice used in this study.

Transgenic mouse line	Genotype	Sex	Mouse #	Age (months)	CAG repeat size(s)
YACMJD84.2	Q84/Q84	F	*	12	ND
			*	10	ND
			1	12	ND
			2	11	70/74/80/87
			3	14	75
			4	17	70/74/77/80
		5	15	70/74/77/80	
		6	16	ND	
		7	9	71/77	
		8	14	72/78	
		9	13	73/77	
		10	15	70/73/77/81	
	M	11	15	69/75/76/82	
		12	12	70/74/83	
		13	11		
		14	12		
		15	18		
		16	12		
	wt	F	17	16	
			18	12	NA
			19	15	
			20	13	
		M	21	13	
22			15		
23			14		
CMVMJD135	Q135	F	24	16	129
			25	16	127
			26	16	127
		*	16	ND	
		*	15	ND	
		27	16	129	
	M	28	16	125	
		29	15	129	
		30	8	129	
		31	16		
wt	F	32	16		
		33	16		
		34	16		
		35	10	NA	
	M	*	16		
		36	16		
		37	16		

Q84/Q84, homozygous YACMJD84.2; Q135, hemizygous CMVMJD135; F, Female; M, Male; NA, Not Applicable; ND, Not Determined; *, mouse eliminated from analysis due to detection of high levels of Glutamine; main transgene CAG repeat size is represented in bold.