

Supplemental figure legends

Fig. S1. Cloned htt transfected porcine fetal fibroblast cells. (A) mEM48 immunofluorescent staining of non-transfected (Control) and N208-105Q cells (6-15 cell line). (B) N208-160Q cell colonies (line-101 and line-37) were immunostained with mEM48. Hoechst staining was used to reveal the nuclei of transfected cells.

Fig. S2. Photos of newborn HD transgenic pigs (7-9, 7-1-1, 7-1-2, and 6-15).

Fig. S3. Photos of 7-1-1 pig at 45 h after birth showing the chorea phenotype.

Fig. S4. 1C2 western blotting analysis showing the expression of transgenic htt in the peripheral tissues of the HD pig (6-15), but not in wild type (WT). Arrowhead indicates the uncleaved transgenic protein, and arrow indicates N208-105Q.

Fig. S5. Hematoxylin staining of the heart, kidney, muscle, and liver of transgenic HD pig (6-15). Micrographs (63X) are presented. Scale bar: 10 μm .

Fig. S6. Electron microscopy of the striatum of a wild type pig brain at low (A) and high (B) magnifications. Arrows indicate neurons and double arrows indicate glial cells. Scale bars: (A), 5 μm ; (B) 2 μm .

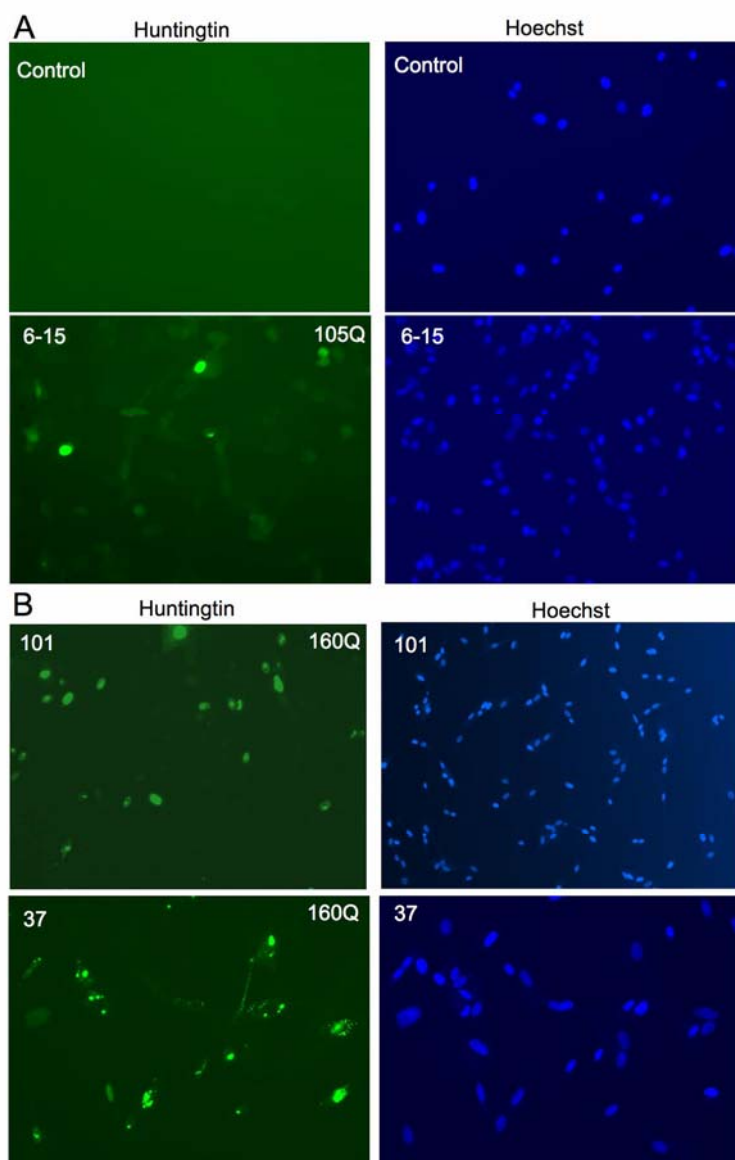


Fig. S1.

7-9



7-1-1

7-1-2



6-15



Fig. S2.

7-1-1



Fig. S3.

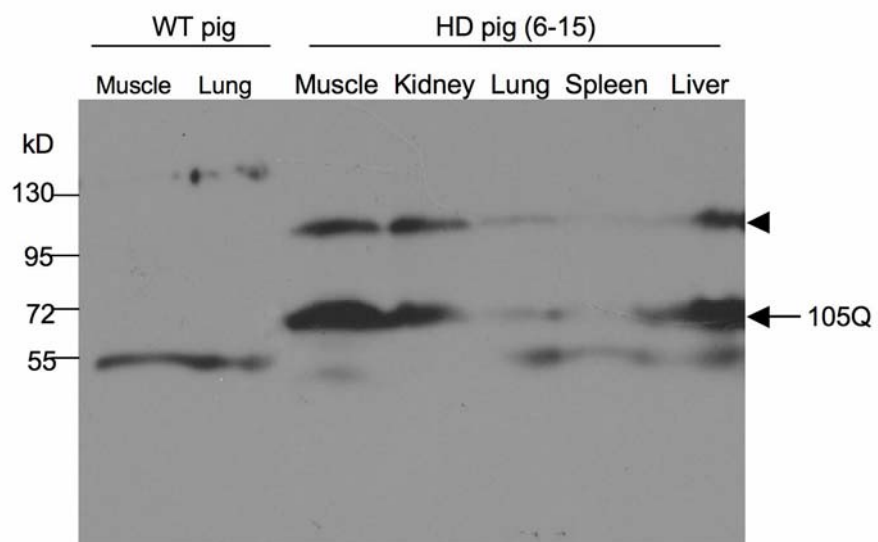


Fig. S4.

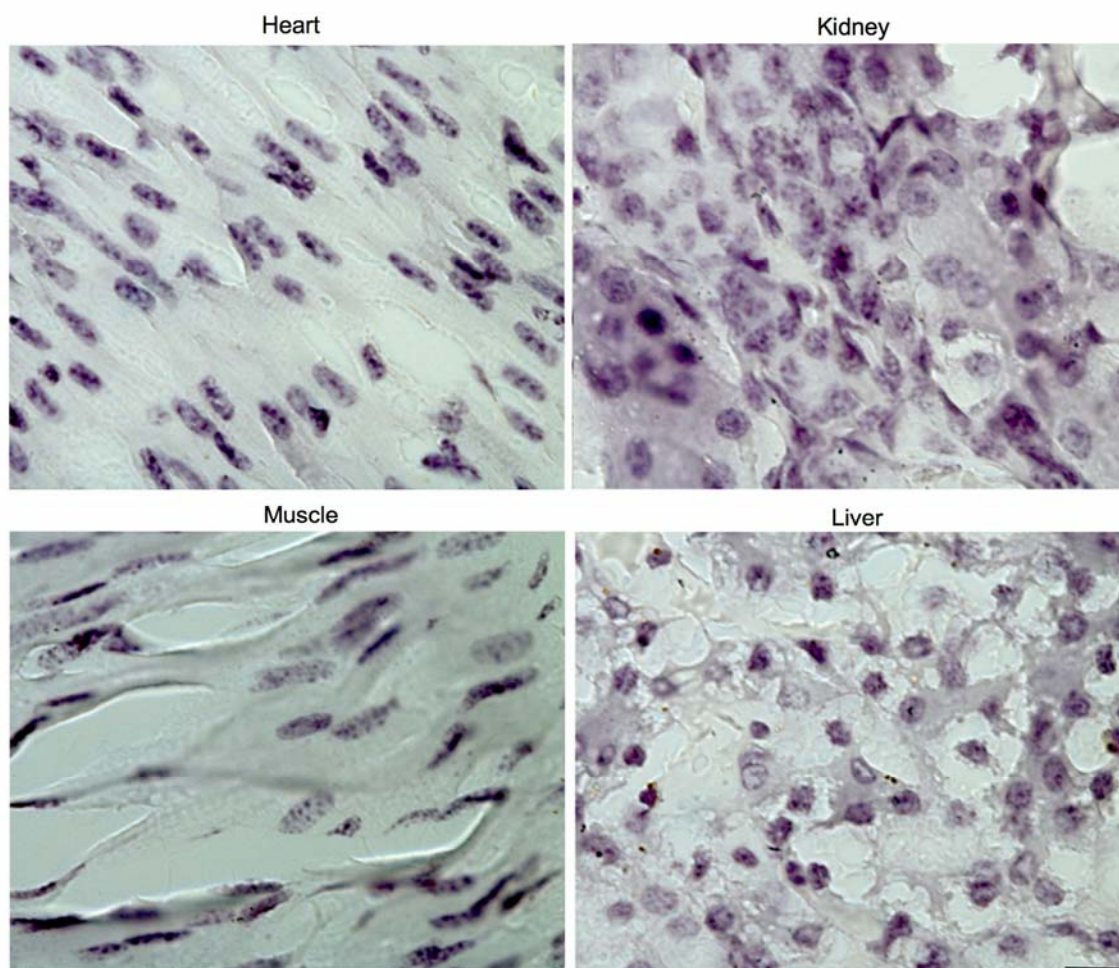


Fig. S5.

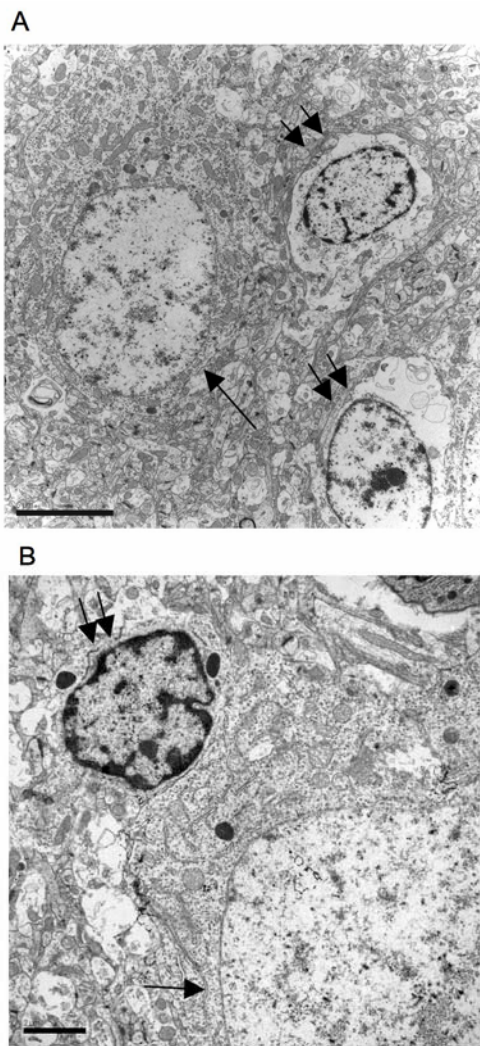


Fig. S6.