



**Supplementary Figure 1. Expression of HOIL-1 and HOIL-1L.** (A) Schematic patterns of HOIL-1 gene splicing. F (CAGATGGACGAGAAGAC) and R (CAGCAGATAGAGGTAGG) represent primers used in (C). (B) HOIL-1L is the predominant isoform in cells. Lysates from HeLa (100  $\mu$ g, lane 1), SH-SY5Y (30  $\mu$ g, lane 2), UOK111 (20  $\mu$ g, lanes 3 and 6) and U2OS cells expressing HOIL-1 (2.0  $\mu$ g, lane 4) or HOIL-1L (0.3  $\mu$ g, lane 5) were subjected to immunoblotting with anti-HOIL-1 antibody. (C) Expression of HOIL-1L or HOIL-1 in HeLa, SH-SY5Y and UOK111 cells. RT-PCR reactions were performed on mRNAs from HeLa, SH-SY5Y, and UOK111 cells, using F and R primers located on the exons depicted in (A). (D) Sequence around the initiation codon of HOIL-1L (shaded black). The underlined AUG has been reported as the initiation codon of RBCK1. (E) The majority of HOIL-1L does not form a ~600 kDa complex in UOK111 cells. Fractions from S100 lysates separated by Superdex 200 HR were subjected to SDS-PAGE, followed by immunoblotting with anti-HOIL-1 antibody. \* and \*\* indicate an unidentified modified form of HOIL-1L (B,E) and a possible HOIL-1 signal (E), respectively.