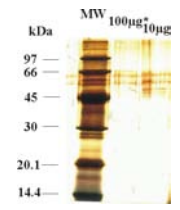
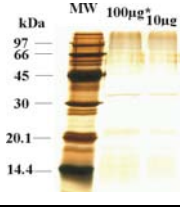
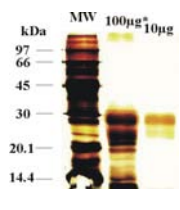
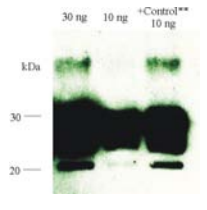
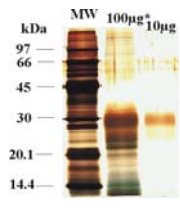
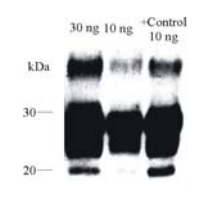
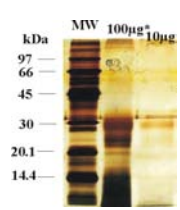
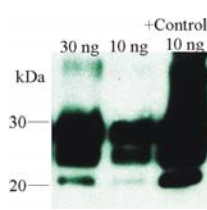


# Appendix

## Appendix 1

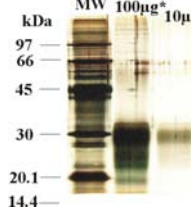
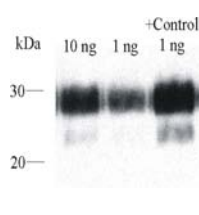
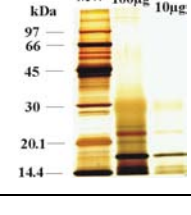
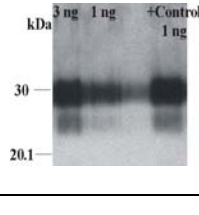
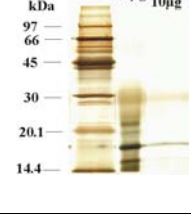
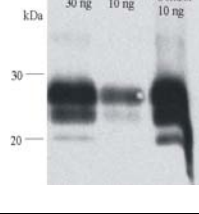
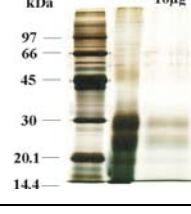
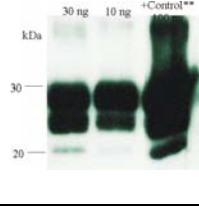
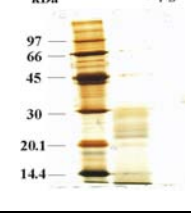
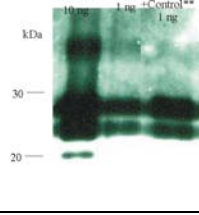
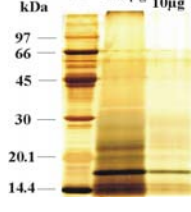
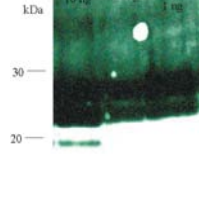
### Extraction and purification of PrP27-30 from hamster adapted TSEs. Sample information.

Purification run No.	Strain/ Passage	Animal number	Silver staining	Western Blotting	Total protein $\mu\text{g}/\text{BE}$
1	2	3	4	5	6
1	6 month old healthy Syrian hamster brains	20g N-pool		No staining	$2,4 \pm 0.3 \mu\text{g}$
2	6 month old healthy Syrian hamster brains	20g N-pool		No staining	$2.8 \pm 0.6 \mu\text{g}$
3	263K	576/1 576/15 576/29 576/2 576/17 576/13 576/4 576/19 576/26 576/6 576/20 576/12 576/7 576/21 576/24 576/9 576/22 576/11 576/10 576/23			$10 \pm 2 \mu\text{g}$
4	263K	575/1 575/12 575/22 575/3 575/13 575/11 575/4 575/14 575/21 575/5 575/16 575/10 575/6 575/17 575/20 575/7 575/18 575/9 575/8 575/19			$11 \pm 4 \mu\text{g}$
5	263K	577/11 577/20 577/12 577/13 577/15 577/16 577/17 577/18 577/19			$16 \pm 3 \mu\text{g}$

\* Amount of brain tissue represented in the sample

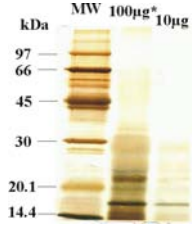
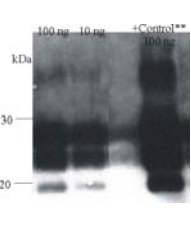
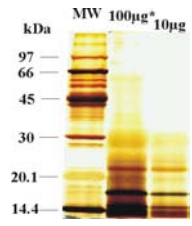
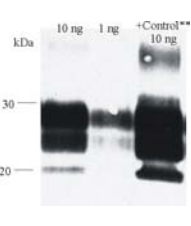
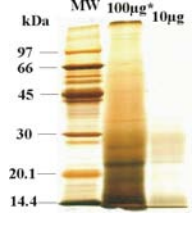
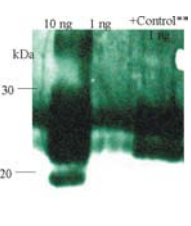
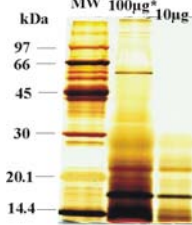
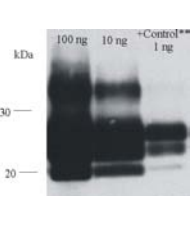
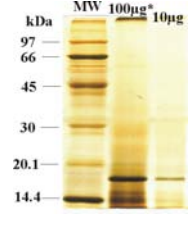
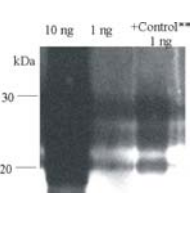
\*\* PK digested scrapie 263K brain homogenate

Appendix

1	2	3	4	5	6
6	263K	573/66 575/23 575/24 576/39 581/7			15.5±5 µg
7	263K	H/16 H/17 H/18 H/19 H/20			18±1 µg
8	263K	H18/25 H18/26 H18/27 H18/28 H18/29			19±4 µg
9	ME-7-H 1 <sup>st</sup>	561/3 561/4 561/5 566/3 566/5			15.5±2.6 µg
10	ME-7-H 2 <sup>nd</sup>	585/41 585/48 585/72 585/74 585/79			12±5 µg
11	ME-7-H 2 <sup>nd</sup>	585/50 585/51 585/52 585/71 585/73			17.5±3 µg

\* Amount of brain tissue represented in the sample

\*\* PK digested scrapie 263K brain homogenate

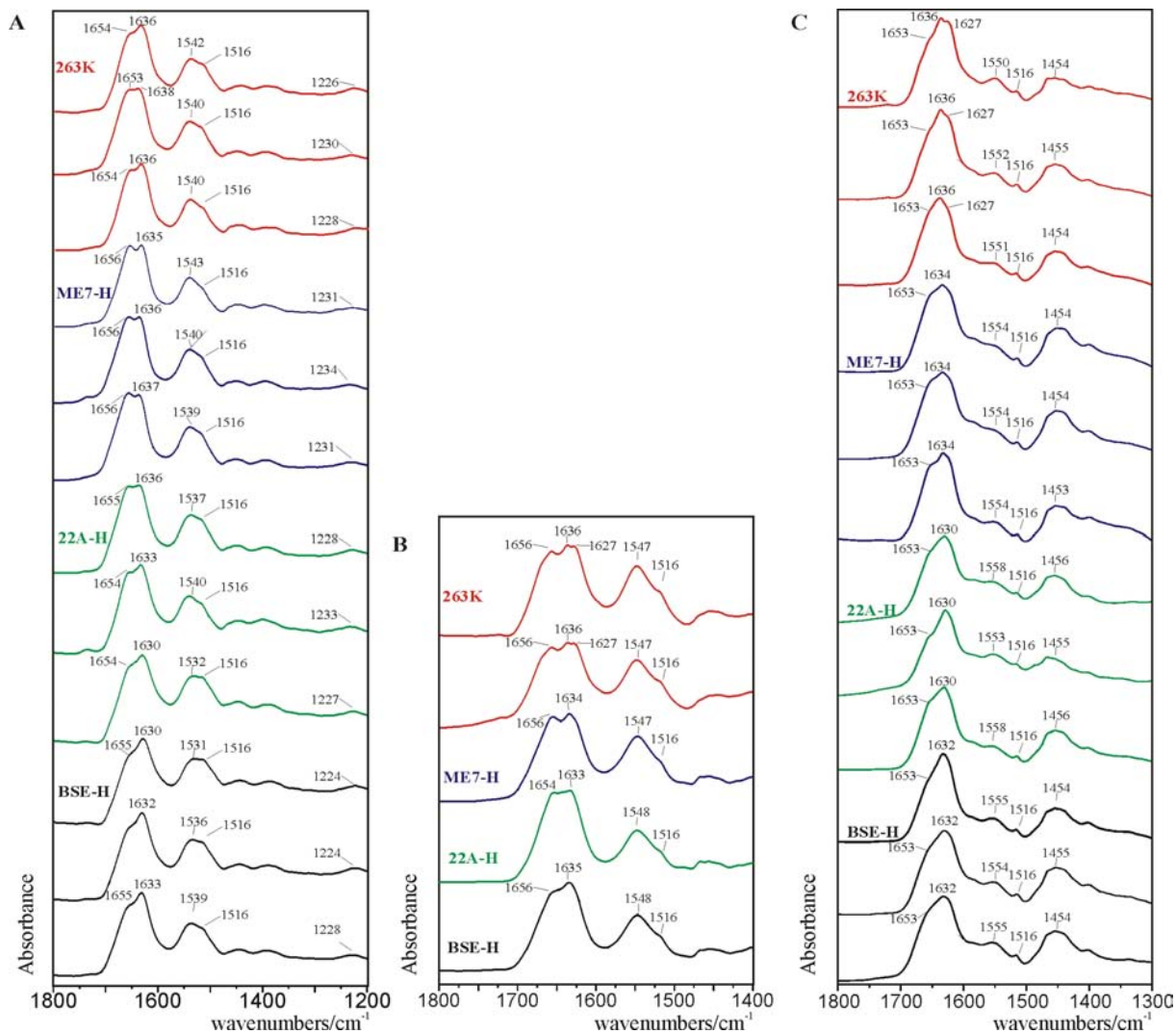
1	2	3	4	5	6
12	22A-H 1 <sup>st</sup>	539/1 539//2 539//4 539/6 539//7			21±5 µg
13	22A-H 1 <sup>st</sup>	539/3 539//5 539//20	-	-	-
14	22A-H 2 <sup>nd</sup>	H36/2 H36/3 H36/4 H36/5 H36/6 H36/10			27±1 µg
15	BSE-H 1 <sup>st</sup>	533/8 533/12 533/15 533/16 533/21			21±2.75µg
16	BSE-H 3 <sup>rd</sup>	533/3 590/4 590/20 590//22 590//27			26.4 µg
17	BSE-H 3 <sup>rd</sup>	590/1 590/5 590/9 590/17 590/23			30±2 µg

\* Amount of brain tissue represented in the sample

\*\* PK digested scrapie 263K brain homogenate

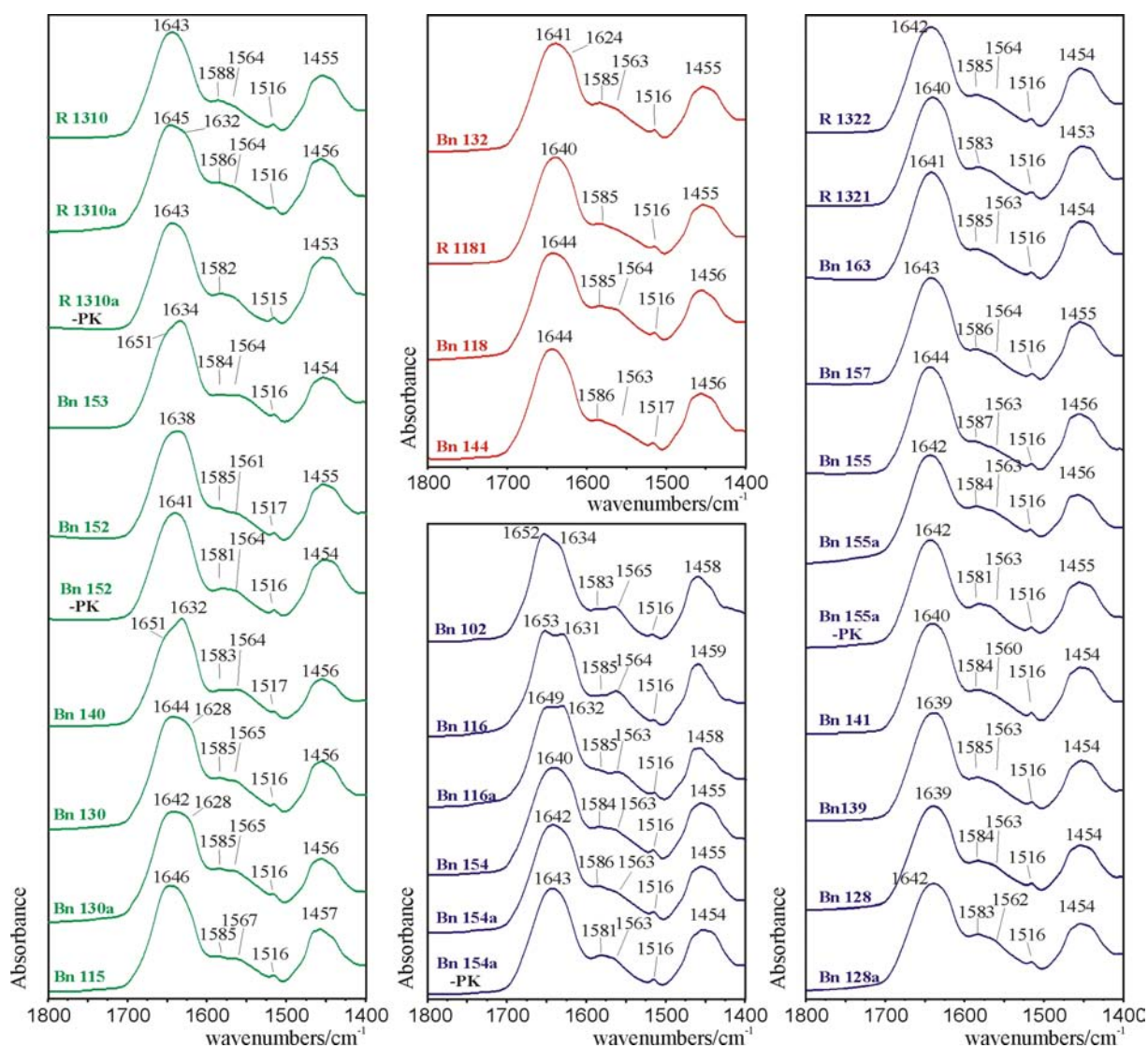
## Appendix 2

**Absorption spectra of PrP27-30 from hamster adapted TSEs obtained from dried samples, panel A, and samples suspended in H<sub>2</sub>O, panel B, and D<sub>2</sub>O, panel C**



## Appendix 3

Absorption spectra of PK resistant proteins from human brain material obtained from samples suspended in D<sub>2</sub>O.



Green labels- non-CJD samples, panel A, Red labels- type 2 PrP<sup>Sc</sup>, panel B, Blue labels- type 1 PrP<sup>Sc</sup> panels C and D.