S1 Table. Bovine and ovine PrP tryptic peptides and how these have been included in the assays and in plots. Amino acid residues in **bold**: bovine/ovine interspecies polymorphisms; underlined: ovine intraspecies polymorphisms. pE denotes a pyroglutamyl N-terminal amino acid residue. C^{ep} denotes the ethylpyridyl alkylated product of cysteine; N* indicates an N-glycosylation site.

Tryptic peptide	Bovine	In Assay	Plotted	Ovine	In Assay	Plotted
T1	25K	×	×	25K	×	×
T2	26K	×	×	26K	×	×
T3	27R	×	×	27R	×	×
T4	28PK29	×	×	28PK29	×	×
T5	30PGGGWNTGGSR40	×	×	30PGGGWNTGGSR40	×	×
T6	41YPGQGSPGGNR51[a]	✓	×	41YPGQGSPGGNR51[a]	✓	×
T7	52YPPQGGGGWGQPHGGGWGQPHGGGWGQPHGGGWGQPH GGGGWGQGG**T**H**G**QWNK104	×	×	52YPPQGGGGWGQPHGGGWGQPHGGGWGQPHGGGWGQPH GGGGWGQGG**S**H**S**QWNK104	×	×
T8	105PSK107	×	×	105PSK107	×	×
T9	108PK109	×	×	108PK109	×	×
T10	110TNMK113[b]	×	×	110TNMK113[b]	×	×
T11	114HVAGAAAAGAVVGGLGGYMLGSAMSR139	✓	✓	114HVAGAAAAGAVVGGLGGYMLGSAMSR139 114HVAGAAAAGAVVGGLGGYMLGSVMSR139	✓ ✓	✓ ✓
T12	140PLIHFG**S**DYEDR151	✓	✓	140PLIHFG**N**DYEDR151 140PFIHFG**N**DYEDR151	✓ ✓	✓ ✓
T13	152YYR154[b]	×	×	152YYR154[b]	×	×
T14	155ENM**H**R159[b]	✓	✓[c]	155ENM**Y**R159	✓	✓
T15	160YPNQVYYR167	✓	×[d]	160YPNQVYYR167	✓	×[d]
T16	168PVDQYSNQNNFVHDC[ep]VN*ITVK188	✓	×[d]	168PVDQYSNQNNFVHDC[ep]VN*ITVK188 168PVDHYSNQNNFVHDC[ep]VN*ITVK188 168PVDR171	✓ ✓ ✓	×[d] × ×
T16'	n/a			172YSNQNNFVHDC[ep]VN*ITVK188	✓	×
T17	189 **E**HTVTTTTK197[b]	×	×	189 **Q**HTVTTTTK197 189pEHTVTTTTK197	✓ ✓	✓ ×

T18	198GEN*FTETDIK207	✓	✓	198GEN*FTETDIK207	✓	✓
T19	208**M**MER211[b]	×	×	208**I**MER211	✓	✓
T20	212VVEQMC[ep]ITQYQR223	✓	✓	212VVEQMC[ep]ITQYQR223	✓	✓
T21	224ESQAYYQR231	✓	✓	224ESQAYYQR231	✓	✓
T11-T12	114HVAGAAAAGAVVGGLGGYMLGSAMSRPLIHFG**S**DYE DR151	×	×	114HVAGAAAAGAVVGGLGGYMLGSAMSRPLIHFG**N**DYE DR151	✓	✓
				114HVAGAAAAGAVVGGLGGYMLGSVMSRPLIHFG**N**DYE DR151	✓	✓
				114HVAGAAAAGAVVGGLGGYMLGSAMSRPFIHFG**N**DYE DR151	×	×
T11-T13	114HVAGAAAAGAVVGGLGGYMLGSAMSRPLIHFG**S**DYE DRYYR154	×	×	114HVAGAAAAGAVVGGLGGYMLGSAMSRPLIHFG**N**DYE DRYYR154	✓	×
				114HVAGAAAAGAVVGGLGGYMLGSVMSRPLIHFG**N**DYE DRYYR154	✓	×
				114HVAGAAAAGAVVGGLGGYMLGSAMSRPFIHFG**N**DYE DRYYR154	×	×
T13-T14	152YYRENM**H**R159	✓	✓[c]	152YYRENM**Y**R159	✓	×
				152YYHENM**Y**R159	✓	×/✓[e]
T15-T16	160YPNQVYYRPVDQYSNQNNFVHDC[ep]VN*ITVK188	✓	✓	160YPNQVYYRPVDQYSNQNNFVHDC[ep]VN*ITVK188	✓	✓
				160YPNQVYYRPVDHYSNQNNFVHDC[ep]VN*ITVK188		
				160YPNQVYYRPVDR171	✓	×
					✓	×
T17-T18	189 **E**HTVTTTTKGEN*FTETDIK207	×	×	189 **Q**HTVTTTTKGEN*FTETDIK207	✓	×
				189pEHTVTTTTKGEN*FTETDIK207	✓	×
T17-T19	189 **E**HTVTTTTKGEN*FTETDIKMMER212	×	×	189 **Q**HTVTTTTKGEN*FTETDIKIMER212	✓	×
				189pEHTVTTTTKGEN*FTETDIKIMER212	✓	×

[a] Not plotted as not very relevant
[b] Unfavourable chromatographic properties (too hydrophilic) do not allow this peptide to be reliably detected
[c] Signal from bovine T14 and T13-T14 has been combined.
[d] Usually very low abundance due to frequently missed R-P cleavage
[e] Only plotted if ovine H154 polymorphism is present