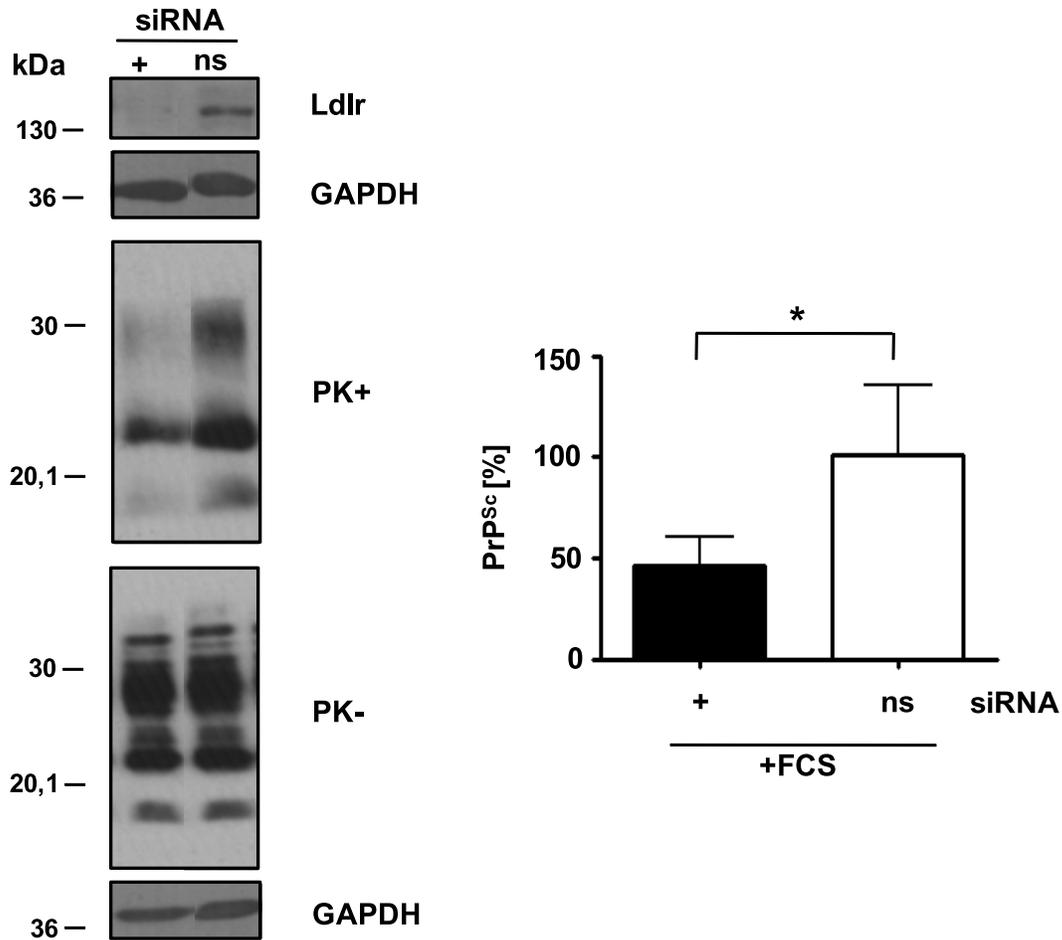


Supplementary Figure 3



Suppl. Figure 3

22L infected N2a cells (clone 5) were transfected with siRNA against Ldlr (Sc35803; Santa Cruz Biotechnology) and cultured for 48h in medium supplemented with FCS. Cell lysates were checked for PrP^{Sc} and total PrP by Western blot using antibody 4H11 (left panel). Ldlr knock-down was assessed by using antibody ab30532, GAPDH protein levels demonstrate equal sample loading. Densitometric and statistical analysis of five independent transfections revealed a significant reduction of PrP^{Sc} in prion infected cells transfected with siRNA against Srebf2 compared to non-silencing siRNA (right panel) ($p < 0.05$). For presentation purposes additional bands were excised.