

## Supplementary information, Figure S5

**Figure S5 Multi-alignment of partial amino acid sequence of USP8 in variety of species.** The putative 14-3-3 protein binding motif is highlighted by red. Serine at the fourth position in this motif is phosphorylated for the binding of USP8 to 14-3-3 protein and indicated by arrow.

		14-3-3 binding motif	
Human	705	ERDREPSKLKRSYSSPDITQAIQEEEEKRKPTVTPTVNRENKP	746
Mouse	678	ERDREPSKLKRSYSSPDITQALQEEEEKRRPAVTPMVNRENKP	719
Rat	668	ERDREPSKLKRSYSSPDITQALQEEEEKRRPAVTPPTVNRENKP	709
Bovine	672	ERDREPSKLKRSYSSPDITQAIQEEEEKRRPTVTPAVNRENKP	713
Zebrafish	705	ERDREPSKLKRSYSSPDITQAIQEEEEKRKPTVTPTVNRENKP	746

↑  
phosphorylation