

## Supplemental materials

	334		356	363	369		380
<b>Human</b>	<b>DENFKRCFRDFCFPLKMRMERQ</b>	<b>ST</b>	<b>SRVRN</b>	<b>T</b>	<b>VQDPAYLRDIDGMNKP</b>	<b>V</b>	
<b>mouse</b>	-----	<b>I</b>	-----	<b>STN</b>	-----	<b>T</b>	-----
<b>rat</b>	-----	<b>I</b>	-----	<b>STN</b>	-----	<b>T</b>	-----

**Fig. S1. Sequence comparison of C-terminal domains of the human, rat and mouse KOPRs.** Amino acids that are phosphorylated following U50,488H treatment are shown in red.