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Author	<b>Jesper Gantelius</b>	
Title (English)	<b>Desensitisation and internalisation of wildtype and mutant variants of the hY2 receptor</b>	
Title (Swedish)		
Abstract	Wildtype and mutant variants of the Neuropeptide Y receptor Y2 were cloned in HEK293 cells and investigated upon desensitisation and internalisation when stimulated with the ligands NPY, PYY and PYY <sub>3-36</sub> . It was shown that the wildtype as well as the mutants exhibited low degree of internalisation, and that the internalisation of the wildtype increased linearly, even at saturating concentrations of ligand. A surprising effect suggesting that Adenylate Cyclase may internalise together with the receptor has also been observed.	
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