

Title (en)

METHODS OF IDENTIFYING MODULATORS OF AN EHD POLYPEPTIDE

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON MODULATOREN EINES EHD-POLYPEPTIDS

Title (fr)

PROCÉDÉS

Publication

EP 2205756 A2 20100714 (EN)

Application

EP 08806500 A 20081001

Priority

- GB 2008003355 W 20081001
- GB 0719252 A 20071003

Abstract (en)

[origin: GB2453341A] A method of identifying a modulator of an epsin homology domain (EHD) containing polypeptide, said method comprising: providing a first and second sample of an EHD polypeptide; contacting said first sample with a candidate modulator; contacting said first and second samples with ATP; and monitoring ATP hydrolysis in said first and second samples, wherein a difference between the ATP hydrolysis in said first and second samples identifies said candidate modulator as a modulator of an EHD family polypeptide. Also claimed are crystal structures comprising EHD family polypeptides bound to an adenosine nucleotide, methods of identifying therapeutic agents using said crystal structures, an EHD polypeptide, use of EHD family polypeptides in membrane modulation and mutated EHD family polypeptides.

IPC 8 full level

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