

Title (en)  
HOMER INTERACTING PROTEINS

Title (de)  
MIT 'HOMER' INTERAGIERENDE PROTEINE

Title (fr)  
PROTEINES A INTERACTION DE LA FAMILLE HOMER

Publication  
**EP 1105734 A2 20010613 (EN)**

Application  
**EP 99945113 A 19990818**

Priority

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Abstract (en)  
[origin: WO0011204A2] A method is provided for identifying a compound that modulates a cellular response associated with Homer and mediated by a cell-surface or an intracellular receptor. A method is further provided for identifying a compound that modulates receptor activated calcium mobilization associated with Homer. A method is provided for identifying a compound that inhibits Homer protein activity based on the crystal structure coordinates of Homer protein binding domain. A method is also provided for identifying a compound that affects the formation of cell surface receptors into clusters. Also provided are nucleic acids encoding Homer proteins as well as Homer proteins, and Homer interacting proteins.

IPC 1-7  
**G01N 33/53**; G01N 33/567; C12N 5/00; C12N 5/02; C07K 14/47

IPC 8 full level  
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