

5 Annexes

5.1 Amino acid sequences, NCBI database entries

5.1.1 PLB

Homo sapiens phospholamban (PLN), mRNA gi|29171725|ref|NM_002667.2
[[29171725]

MEKVQYLTRSAIRRASTIEMPQQARQKLQNLFINFCLILICLLLICIIIVMLL

5.1.2 AKAP18δ

Rattus norvegicus A kinase (PRKA) anchor protein 7 (Akap7), mRNA
gi|148747402|ref|NM_001001801.3| [148747402]

MERPAAGEIDANKCDHLRGEEGTGDLETSPVGLADLPFAAVDIQDDCGLPDVPQGNVPQG
NPKRSKENRGDRNDHVKKRKKAKKDYQPNYFLSIPITNKKITAGIKVLQNSILRQDNRLTKAMV
GDGSFHITLLVMQLLNEDEVNIGTDALLELKPFEVIELEGKHLTLPFHGIGTFQGQVGFVKLADG
DHVSALLEIAETAQRTEKQKILAGESRTFKPHLTFMKLSKAPMLWKKGVRKIEPGLYEQFIDHR
FGEEILYQIDLCSMLKKKQSNQYHCESSIVIGEKDRKEPEDAELVRLSKRLVENAVLKAVQQYL
EETQNKKQPGEGNSVKAEEGDRNGDGSNNRK

5.1.3 PDE4D

Homo sapiens phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3
duncehomolog, Drosophila)(PDE4D), mRNA gi|46361981|ref|NM_006203.3|
[46361981]

MMHVNNFPFRRHSWICFDVDNGTSAGRSPLDPMTSPGSLILQANFVHSQRRESFLYRSDSD
YDLSPKSMRNSSIASDIHGDDLIVTPFAQVLAASLRTVRNNFAALTNLQDRAPSKRSPMCNQPS
INKATITEEAYQKLASETLEELDWCLDQLETQTRHSVSEMASNKFKRMLNRELTHLSEMSRSG
NQVSEFISNTFLDKQHEVEIPSPTQKEKEKKRPMSSQISGVKMLHSSSLTNSSIPRFGVKTEQ
EDVLAKELEDVNVKWLHVFRIAELSGNRPLTVIMHTIFQERDLLKTFKIPVDTLITYLMTLEDHYH
ADVAYHNNIHAADVQSTHVLLSTPALEAVFTDLEILAAIFASAIHDVDHPGVSNQFLINTNSELA
LMYNDSSVLENHHLAVGFKLLQEENCDFQNLTKKQRQSLRKMVIDIVLATDMSKHMNLLADLK
TMVETKKVTSVGLLDNYSDRIQVLQNMVHCADLSNPTKPLQLYRQWTDTRIMEEFFRQGDRE
RERGMEISPMCDKHNASVEKSQVGFIDYIVHPLWETWADLVHPDAQDILTLEDNREWYQSTI
PQSPSPAPDDPEEGRQGQTEKFQFELTLEEDGESDTEKDSGSQVEEDTSCSDSKTLCTQDSE
STEIPLDEQVEEEAVGEEEEESQPEACVIDDRSPDT

5.2 References

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Journals:

Lygren B, Carlson CR, Santamaria K, Lissandron V, McSorley T, Lorenz D, Wiesner B, Rosenthal W, Zaccolo M, Taskén K, Klussmann E
AKAP-complex regulates Ca²⁺ re-uptake into heart sarcoplasmic reticulum
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A Role of myosin Vb and Rab11-FIP2 in the aquaporin-2 shuttle.
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Stefan E, Wiesner B, Baillie GS, Mollajew R, Henn V, Lorenz D, Furkert J, Santamaria K, Nedvetsky P, Hundsrucker C, Beyermann M, Krause E, Pohl P, Gall I, MacIntyre AN, Bachmann S, Houslay MD, Rosenthal W, Klussmann E.
Compartmentalization of cAMP-dependent signaling by phosphodiesterase-4D is involved in the regulation of vasopressin-mediated water reabsorption in renal principal cells.
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Morel E, Santamaria K, Perrier M, Guiot SR, Tartakovsky B.
Multi-wavelength fluorometry for anaerobic digestion process monitoring.
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Application of multi-wavelength fluorometry for on-line monitoring of an anaerobic digestion process.
Water Res. 2004 Aug-Sep;38(14-15):3287-96

Poster:

Santamaria K, Stefan E, Wiesner B, Geelhaar A, Genieser HG, Schwede F
A role of PKA type I and type II in the vasopressin-induced translocation of aquaporin-2 into the plasma membrane of renal principal cells.
Oslo, 14th Protein Kinase meeting 2004

Santamaria K, Stefan E, Wiesner B, Geelhaar A, Genieser HG, Schwede F
PKA type II is sufficient to induce in the vasopressin-induced translocation of aquaporin-2 into the plasma membrane of renal principal cells.
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Lygren B, Santamaria K, Carlson CR, Lissandron V, McSorley T, Rosenthal W, Zaccolo M, Taskén K, Klussmann E
AKAP-complex regulates Ca²⁺ re-uptake into heart sarcoplasmic reticulum
Oslo, 15th Protein Kinase meeting 2006