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The BRCT domain from the large subunit of human Replication Factor C

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The list of publications since the year 2000

1. Kobayashi,M., Kidd,D., Hutson,E., Grafton,J., McNulty,S. and Rumsby,M. (2001) Protein kinase C activation by 12-0-tetradecanoylphorbol 13-acetate in CG-4 line oligodendrocytes stimulates turnover of choline and ethanolamine phospholipids by phospholipase D and induces rapid process contraction. *J.Neurochem.*, **76**, 361-371.
2. Kobayashi,M. and Siegal,G. (2005) 1H, 15N and 13C resonance assignments of the BRCT region of the large subunit of human Replication Factor C. *J.Biomol.NMR*, **31**, 183-184.
3. Kobayashi,M., Figaroa,F., Meeuwenoord,N., Jansen,L.E. and Siegal,G. (2006) Characterization of the DNA binding and structural properties of the BRCT region of human replication factor C p140 subunit. *J.Biol.Chem.*, **281**, 4308-4317.
4. Kobayashi, M., AB, E., Bonvin, A, M., and Siegal, G. Solution structure of the DNA bound BRCT region of human replication factor C p140 subunit. *In preparation*

Curriculum Vitae

Masakazu Kobayashi was born on 2nd of February 1977 in Kofu-City, Japan. He lived in Japan until his move to the Netherlands in the mid 1992, where he continued further secondary education at Het Rijlands lyceum in Oegstgeest. After obtaining International Baccalaureate degree, he moved to a small northern city of York in England where he followed three years of Bachelor on Biochemistry course and further one year of Masters on Biomolecular science at University of York. The last five months of the master's course were spent in European Molecular Biology Laboratory in Heidelberg, where his mind was set to follow a research in the structural biology. In year 2000, under the supervision of Dr. Gregg Siegal, he began working as a PhD student of Metalloprotein group in Leiden Institute of Chemistry. The structural basis of DNA recognitions achieved by the distant class of BRCT domain from Replication factor C were explored using NMR and other biochemical methods. Since the fall of 2005, he works as a post-doc researcher at the R & D department of Galapagos Genomics N.V.

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