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Author Sara Kiflemariam		
Title (English) Analysis of oncogenic mutations in a panel of colon carcinoma cell lines		
Title (Swedish)		
Abstract Colon carcinoma is developed in colon epithelial cells by accumulation of sequential genetic alterations in oncogenes and tumour suppressor genes, controlling cell growth and differentiation. In this study a series of colon carcinoma cell lines, derived at the Ludwig Institute for Cancer Research in Melbourne, Australia, have been analysed for mutations, predominantly in the Wnt signalling and ERK-MAPK pathways, being relevant for the initiation and progression of colon cancers.		
Keywords Colon carcinoma, oncogenes, tumour suppressor genes, mutations, APC, microsatellite instability, ERK-MAPK pathway, Wnt signalling pathway		
Supervisors Dr. Francesca Walker Ludwig Institute for Cancer Research, Melbourne, Australia		
Scientific reviewer Carina Hellberg Ludwig Institute for Cancer Research, Uppsala, Sweden		
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Biology Education Centre Box 592 S-75124 Uppsala	Biomedical Center Tel +46 (0)18 4710000	Husargatan 3 Uppsala Fax +46 (0)18 555217