

ORIGINAL PAPERS – PUBLISHED/ACCEPTED

(* cited 50 times or more data from WoS)

- * 1 **LUNDBERG C**, Skoog L, Cavenee WK, Nordenskjöld M: Loss of heterozygosity in human ductal breast tumors indicates a recessive mutation on chromosome 13. *Proceedings of the National Academy of Science USA* 84(8): 2372-2376, 1987.
C: 251 PMID: 3031679
- * 2 **LARSSON C**, Skogseid B, Öberg K, Nakamura Y, Nordenskjöld M: Multiple endocrine neoplasia type 1 gene maps to chromosome 11 and is lost in insulinoma. *Nature* 332(6159): 85-87, 1988. C: 907 PMID: 2894610
- * 3 Nakamura Y, **LARSSON C**, Julier C, Byström C, Skogseid B, Wells S, Öberg K, Carlson M, Taggart T, O'Connell P, Leppert M, Lalouel J-M, Nordenskjöld M, and White R: Localization of the genetic defect in multiple endocrine neoplasia type 1 within a small region of chromosome 11. *American Journal of Human Genetics* 44(5): 751-755, 1989.
C: 123 PMID: 2565085
- * 4 Byström C, **LARSSON C**, Blomberg C, Sandelin K, Falkmer U, Skogseid B, Öberg K, Werner S, Nordenskjöld M: Localization of the MEN1 gene to a small region within 11q13 by deletion mapping in tumors. *Proceedings of the National Academy of Science USA* 87(5): 1968-1972, 1990.
C: 333 PMID: 1968641
- * 5 **LARSSON C***, Byström C, Skoog L, Rotstein S, Nordenskjöld M: Genomic alterations in human breast carcinomas. *Genes Chromosomes and Cancer* 2(3): 191-197, 1990. C: 90 PMID: 1964080
6. Torroella M, Skoog L, Nordenskjöld M, **LARSSON C**, Byström C: Amplificación de oncogenes en cancer de mama. Amplificación del oncogen neu en carcinomas y del gen del receptor del factor de crecimiento epidérmico (EGF-r) en un sarcoma filodes. *Biotecnología Aplicada* 8: 182-190, 1991.
7. Carlbom E, Sugawa N, **LARSSON C**, Scambler PJ, Dumanski JP, Collins VP, Nordenskjöld M: Identification of twelve new RFLP-markers on chromosome 22q11-ter. *Human Genetics*: 88(2):135-138, 1991. PMID: 1684561
- * 8 Janson M, **LARSSON C**, Werelius B, Jones C, Glaser T, Nakamura Y, Jones CP, Nordenskjöld M: Detailed physical map of human chromosomal region 11q12-13 shows high meiotic recombination rate around the MEN1 locus. *Proceedings of the National Academy of Science USA* 88(23): 10609-10613, 1991.
C: 67 PMID: 1683706
9. Ehrenborg E, Vilhemsdotter S, Bajalica S, **LARSSON C**, Stern I, Koch J, Brøndum-Nielsen K, Luthman H: Structure and localization of the human insulin-like growth

- factor-binding protein 2 gene. *Biochemical and Biophysical Research Communications* 176(3): 1250-1255, 1991. PMID: 1710112
10. Sandelin K, **LARSSON C**, Falkmer U, Farnebo LO, Grimelius L, Nordenskjöld M: Morphology, DNA ploidy and allele losses on chromosome 11 in sporadic hyperparathyroidism and that associated with multiple endocrine neoplasia, type 1. *European Journal of Surgery* 158(4): 199-206, 1992. PMID: 1352132
- * 11 Ehrenborg E, **LARSSON C**, Stern I, Janson M, Powell DR, Luthman H: Contiguous localization of the genes encoding human insulin-like growth factor-binding proteins 1 (IGBP1) and 3 (IGBP3) on chromosome 7. *Genomics* 12(3): 497-502, 1992. C: 52 PMID: 1373120
- * 12 **LARSSON C^{Corr}**, Shepherd J, Nakamura Y, Blomberg C, Weber G, Werelius N, Hayward N, Teh B, Tokino T, Seizinger B, Skogseid B, Öberg K, Nordenskjöld M: Predictive testing for multiple endocrine neoplasia type 1 using DNA polymorphisms. *Journal of Clinical Investigations* 89(4): 1344-1349, 1992. C: 74 PMID: 1348254
- * 13 **LARSSON C^{Corr}**, Weber G, Kvanta E, Lewis K, Janson M, Jones C, Glaser T, Evans G, Nordenskjöld M: Isolation and mapping of polymorphic cosmid clones used for sublocalization of the multiple endocrine neoplasia type 1 (MEN1) locus. *Human Genetics* 89(2): 187-193, 1992. C: 55 PMID: 1350263
- * 14 Skogseid B, **LARSSON C**, Lindgren PG, Kvanta E, Rastad J, Theodorsson E, Wide L, Wilander E, Öberg K: Clinical and genetic features of adrenocortical lesions in multiple endocrine neoplasia type 1. *Journal of Clinical Endocrinology and Metabolism* 75(1): 76-81, 1992. C: 193 PMID: 1352309
15. Ehrenborg E, **LARSSON C**: An EcoRI RFLP at the human insulin-like growth factor binding protein 2 gene (IGFBP2). *Human Molecular Genetics* 1(7): 552, 1992. PMID: 1284890
16. Bajalica S, Allander SV, Ehrenborg E, Brøndum-Nielsen K, Luthman H, **LARSSON C^{Corr}**: Localization of the human insulin-like growth- factor-binding protein 4 gene to chromosomal region 17q12-21.1. *Human Genetics* 89(2): 234-236, 1992. PMID: 1375185
17. **LARSSON C^{Corr}**, Nordenskjöld M, Skogseid B, Öberg K: Practical guidelines for DNA-based testing in multiple endocrine neoplasia type 1. *Henry Ford Hospital Medical Journal* 40(3-4): 173-176, 1992. PMID: 1362400
18. **LARSSON C^{Corr}**, Weber G, Janson M: Sublocalization of the multiple endocrine neoplasia type 1 gene. *Henry Ford Hospital Medical Journal* 40(3-4): 159-161, 1992. PMID: 1362396

- * 19 Blennow E, Telenius H, **LARSSON C**, de Vos D, Bajalica S, Ponder BA, Nordenskjöld M: Complete characterization of a large marker chromosome by reverse and forward chromosome painting.
Human Genetics 90(4): 371-374, 1992. C: 59 PMID: 1483693
20. Lindblom A, Rotstein S, **LARSSON C**, Nordenskjöld M, Iselius L: Hereditary breast cancer in Sweden: a predominance of maternally inherited cases.
Breast Cancer Research and Treatment 24(2): 159-165, 1992. PMID: 8443403
- * 21 Lindblom A, Skoog L, Rotstein S, Werelius B, **LARSSON C**, Nordenskjöld M: Loss of heterozygosity in familial breast carcinomas.
Cancer Research 53(18): 4356-4361, 1993. C: 60 PMID: 8364930
22. Lindblom A, Skoog L, Andersen TI, Rotstein S, Nordenskjöld M, **LARSSON C**: Four separate regions on chromosome 17 show loss of heterozygosity in familial breast carcinomas. *Human Genetics* 91(1): 6-12, 1993. PMID: 8454289
- * 23 Easton DF, Bishop DT, Ford D, Crockford GP and The breast cancer linkage consortium (including Lindblom A and **LARSSON C**): Genetic linkage analysis in familial breast and ovarian cancer-results from 214 families. *American Journal of Human Genetics* 52(4): 678-701, 1993. C: 1,182 PMID: 8460634
24. Lindblom A, Rotstein S, Nordenskjöld M, **LARSSON C**: Linkage analysis with markers on 17q in 29 Swedish breast cancer families.
American Journal of Human Genetics 52(4): 749-753, 1993. PMID: 8460641
25. Kas K, Weber G, Merregaert J, Michiels L, Sandelin K, Skogseid B, Thompson N, Nordenskjöld M, **LARSSON C**, Friedman E: Exclusion of FAU as the multiple endocrine neoplasia type 1 (MEN1) gene.
Human Molecular Genetics 2(4): 349-353, 1993. PMID: 8099302
- * 26. Lindblom A, Rotstein S, Skoog L, Nordenskjöld M, **LARSSON C**: Deletions on chromosome 16 in primary familial breast carcinomas are associated with development of distant metastases.
Cancer Research 53(16): 3707-3711, 1993. C: 80 PMID: 8339280
- * 27 Karlbom EA, James DC, Boethius J, Cavenee WK, Collins VP, Nordenskjöld M, **LARSSON C**: Loss of heterozygosity in malignant gliomas involves at least three distinct regions on chromosome 10.
Human Genetics 92(2): 169-174, 1993. C: 148 PMID: 8370584
28. Kas K, Schoenmakers E, van de Ven W, Weber G, Nordenskjöld M, Michiels L, Merregaert J, **LARSSON C**: Assignment of the human FAU gene to a subregion of chromosome 11q13.
Genomics 17(2): 387-392, 1993. PMID: 8406491

29. Friedman E, Carson E, **LARSSON C**, DeMarco L: A polymorphism in the coding region of the vasopressin type 2 receptor (AVPR2) gene. *Human Molecular Genetics* 2(10): 1746, 1993. PMID: 8268939
30. Brandi ML, Weber G, Svensson A, Falchetti A, Tonelli F, Castello R, Furlani L, Scappaticci S, Fraccaro M, **LARSSON C**: Homozygotes for the autosomal dominant neoplasia syndrome MEN1. *American Journal of Human Genetics*, 53(6): 1167-1172, 1993. PMID: 7902670
31. Tonin P, Ehrenborg E, Lenoir G, Feunteun J, Lynch H, Morgan K, Zazzi H, Vivier A, Pollak M, Huynh H, Luthman H, **LARSSON C**, Narod S: The human insulin-like growth factor binding protein 4 gene maps to chromosome 17q12 and is a very close marker to the gene for hereditary breast-ovarian cancer. *Genomics* 18(2): 414-417, 1993. PMID: 7507078
- * 32 Wassif WS, Moniz CF, Friedman E, Wong S, Weber G, Nordenskjöld M, Peters TJ, **LARSSON C**: Familial isolated hyperparathyroidism: a distinct genetic entity with an increased risk of parathyroid cancer. *Journal of Clinical Endocrinology and Metabolism* 77(6): 1485-1489, 1993. C: 117 PMID: 7903311
- * 33 Friedman E, Adams EF, Höög A, Gejman PV, Carson E, **LARSSON C**, DeMarco L, Werner S, Fahlbusch R, Nordenskjöld M: Normal structural dopamine type 2 receptor gene in prolactin-secreting and other pituitary tumors. *Journal of Clinical Endocrinology and Metabolism* 78(3): 568-574, 1994. C: 67 PMID: 7907340
34. Sinke RJ, Weghuis DO, Suiderbuijk RF, Tanigami A, Nakamura Y, **LARSSON C**, Weber G, de Jong B, Oosterhuis JW, Molenaar WA, Guerts Van Kessel A: Molecular characterization of a recurring complex chromosomal translocation in two human extragonadal germ cell tumors. *Cancer Genetics and Cytogenetics*, 73(1): 11-16, 1994. PMID: 8174069
35. Lindblom A, Sandelin K, Iselius L, Dumanski J, White I, Nordenskjöld M, **LARSSON C**: Predisposition for breast cancer in carriers of constitutional translocation 11q;22q. *American Journal of Human Genetics* 54(5): 871-876, 1994. PMID: 8178827
36. Blennow E, Telenius H, de Vos D, **LARSSON C**, Henriksson P, Johansson Ö, Carter NP, Nordenskjöld M: Tetrasomy 15q: two marker chromosomes with no detectable alpha-satellite DNA. *American Journal of Human Genetics* 54(5): 877-883, 1994. PMID: 8178828
- * 37 Allander SV, **LARSSON C**, Ehrenborg E, Suwanichkul A, Weber G, Morris SL, Bajalica S, Kiefer MC, Luthman H, Powell DR: Characterization of the chromosomal gene and promoter for human insulin-like growth factor binding protein-5. *Journal of Biological Chemistry* 269(14): 10891-10898, 1994. C:55 PMID: 7511611

38. Teh BT, Hayward NK, Walters MK, Shepherd JJ, Wilkinson S, Nordenskjöld M, **LARSSON C**: Genetic studies of thymic carcinoids in multiple endocrine neoplasia type 1. *Journal of Medical Genetics* 31(3): 261-262, 1994. PMID: 7912288
- * 39 Zedenius J, Wallin G, Hamberger B, Nordenskjöld M, Weber G, **LARSSON C**: Somatic and MEN2A de novo mutations identified in the RET proto-oncogene by screening of sporadic MTC:s. *Human Molecular Genetics* 3(8): 1259-1262, 1994. C: 113 PMID: 7987299
- * 40 Weber G, Friedman E, Grimmond S, Hayward N, Phelan C, Skogseid B, Gobl A, Zedenius J, Carson E, Sandelin K, Teh BT, White I, Öberg K, Shepherd J, Nordenskjöld M, **LARSSON C**: The phospholipase C beta 3 gene located in the MEN1 region shows loss of expression in endocrine tumours. *Human Molecular Genetics* 3(10): 1775-1781, 1994. C: 62 PMID: 7849701
41. Teh BT, Hii SI, David R, Parameswaran V, Grimmond S, Walters MK, Tan TT, Nancarrow DJ, Chan SP, Mennon J, **LARSSON C**, Zaini A, Khalid K, Shepherd JJ, Cameron DP, Hayward NK: Multiple endocrine neoplasia type 1 (MEN1) in two Asian families. *Human Genetics* 94(5): 468-472, 1994. PMID: 7959678
- * 42 **LARSSON C**, Lardelli M, White I, Lendahl U: The human NOTCH1, 2, and 3 genes are located at chromosome positions 9q34, 1p13-p11, and 19p13.2-p13.1 in regions of neoplasia-associated translocation. *Genomics* 24(2): 253-258, 1994. C: 94 PMID: 7698746
43. Graff C, Forsman K, **LARSSON C**, Nordström S, Lind L, Johansson K, Sandgren O, Weissenbach J, Holmgren G, Gustavsson KH, Wadelius C: Fine mapping of Best's macular dystrophy localizes the gene in close proximity to but distinct from the D11S480/ROM1 loci. *Genomics* 24(3): 425-434, 1994. PMID: 7713492
- * 44 Tamagnone L, Lahtinen I, Mustonen T, Virtaneva K, Francis F, Muscatelli F, Alitalo R, Smith E, **LARSSON C**, Alitalo K: BMX, a novel nonreceptor tyrosine kinase gene of the BTK/ITK/TEC/TKK family located in chromosome Xp22.2. *Oncogene* 9(12): 3683-3688, 1994. C: 172 PMID: 7970727
45. **LARSSON C**, White I, Johansson C, Stark A, Meijer J: Localization of the human soluble epoxide hydrolase gene (EPHX2) to chromosomal region 8p21-p12. *Human Genetics* 95(3): 356-358, 1995. PMID: 7868134
46. Islam KB, Rabbani H, **LARSSON C**, Sanders R, Smith CI: Molecular cloning, characterization and chromosomal localization of a human lymphoid tyrosine kinase related to murine Blk. *Journal of Immunology* 154(3):1265-1272, 1995. PMID: 7822795

47. Starborg M, Brundell E, Gell K, **LARSSON C**, White I, Daneholt B, Höög C: A murine replication protein accumulates temporarily in the heterochromatic regions of nuclei prior to initiation of DNA replication.
Journal of Cell Science 108 (Pt 3): 927-934, 1995. PMID: 7622621
48. Grimmond S, Weber G, **LARSSON C**, Walters M, Teh BT, Shepherd J, Nordenskjöld M, Hayward N: Exclusion of the 13-kDa rapamycin binding protein gene (FKBP2) as a candidate gene for multiple endocrine neoplasia type 1.
Human Genetics 95(4): 455-458, 1995. PMID: 7535744
49. Lagercrantz J, Carson E, Phelan C, Grimmond S, Rosén A, Daré E, Nordenskjöld M, Hayward NK, **LARSSON C**, Weber G: Genomic organization and complete cDNA sequence of the human phosphoinositide-specific phospholipase C beta 3 gene (PLCB3). *Genomics* 26(3): 467-472, 1995. PMID: 7607669
- * 50 Zedenius J, Wallin G, Svensson A, Grimelius L, Höög A, Lundell G, Bäckdahl M, **LARSSON C**: Allelotyping of follicular thyroid tumors.
Human Genetics 96(1): 27-32, 1995. C: 53 PMID: 7607650
- * 51 Teh BT, Silburn P, Lindblad K, Betz R, Boyle R, Schalling M, **LARSSON C**: Familial periodic cerebellar ataxia without myokimia maps to a 19-cM region on 19p13.
American Journal of Human Genetics 56(6): 1443-1449, 1995. C: 57 PMID: 7762567
- * 52 Huynh HT, **LARSSON C**, Narod S, Pollak M: Tumour suppressor activity of the gene encoding mammary-derived growth inhibitor.
Cancer Research 55(11): 2225-2231, 1995. C: 87 PMID: 7757968
- * 53 Cornelis RS, Neuhausen SL, Johansson O, Arason A, Kessel D, Ponder BAJ, Tonin P, Hamann U, Lindblom A, Lalle P, Longy M, Oláh E, Scherneck S, Bignon Y-J, Sobol H, Chang-Claude J, **LARSSON C**, Spurr N, Borg Å, Barkardottir RB, Narod S, Devilee P: High allele loss rates at 17q12-21 in breast and ovarian tumors from BRCA1-linked families. The breast cancer linkage consortium. *Genes Chromosomes and Cancer* 13(3): 203-210, 1995. C: 113 PMID: 7669740
54. Courseaux A, Grosgeorge J, Garnier G, **LARSSON C**, Ayraud N, Gaudray P, Raynaud SD: Rearrangement of proximal 11q13 band in a CMML in acute transformation.
Leukemia 9(8): 1313-1317, 1995. PMID: 7643618
- * 55. Zedenius J, **LARSSON C**, Bergholm U, Bovée J, Svensson A, Hallengren B, Grimelius L, Bäckdahl M, Weber G, Wallin G: Mutations of codon 918 in the RET proto-oncogene correlate to poor prognosis in sporadic medullary thyroid carcinomas.
Journal of Clinical Endocrinology and Metabolism 80(10): 3088-3090, 1995. C: 111 PMID: 7559902

56. Carling T, Rastad J, Ridefelt P, Gobl A, Hellman P, Öberg K, Rask L, **LARSSON C**, Juhlin C, Åkerström G, Skogseid B: Hyperparathyroidism of multiple endocrine neoplasia type 1: candidate gene and parathyroid calcium sensing protein expression. *Surgery* 118(6): 924-930, 1995. PMID: 7491535
- * 57 **LARSSON C**, Hellqvist M, Pierrou S, White I, Enerbäck S Carlsson P: Chromosomal localization of six human forkhead genes, freac-1 (FKHL5), -3 (FKHL7), -4 (FKHL8), -5 (FKHL9), -6 (FKHL10), and -8 (FKHL12). *Genomics* 30(3): 464-469, 1995. C: 58 PMID: 8825632
- * 58 Narod SA, Ford D, Devilee P, Barkardottir RB, Lynch HT, Smith SA, Ponder BAJ, Weber BL, Garber JE, Birch JM, Cornelis RS, Kelsell DP, Spurr NK, Smyth E, Haites N, Sobol H, Bignon YJ, Changclaude J, Hamann U, Lindblom A, Borg A, Piver MS, Gallion HH, Struewing JP, Whittemore A, Tonin P, Goldgar DE, Easton DF, and the Breast Cancer Linkage Consortium (including **LARSSON C**): An evaluation of genetic heterogeneity in 145 breast-ovarian cancer families. *American Journal of Human Genetics* 56:254-264, 1995. C: 259 PMID: 7825586
59. Gobl AE, Chowdhary BP, Shu W, Eriksson L, **LARSSON C**, Weber G, Öberg K, Skogseid B: Assignment of the mouse homologue of a human MEN1 candidate gene, phospholipase C-beta 3 (Plcb3), to chromosome region 19B by FISH. *Cytogenetics and Cell Genetics* 71(3): 257-259, 1995. PMID: 7587389
60. Lagercrantz J, Piehl F, Nordenskjöld M, **LARSSON C**, Weber G: Expression of the phosphoinositide-specific phospholipase Cbeta3 gene in the rat. *Neuroreport* 6(18): 2542-2544, 1995. PMID: 8741758
- * 61 Zedenius J, Wallin G, Svensson A, Bovée J, Höög A, Bäckdahl M, **LARSSON C**: Deletions of the long arm of chromosome 10 in progression of follicular thyroid tumors. *Human Genetics* 97(3): 299-303, 1996. C: 57 PMID: 8786068
62. Zedenius J, Ståhle- Bäckdahl M, Enberg U, Grimelius L, **LARSSON C**, Wallin G, Bäckdahl M: Stromal fibroblasts adjacent to invasive thyroid tumors express Gelatinase A but not Stromelysin 3 mRNA. *World Journal of Surgery* 20(1): 101-106, 1996. PMID: 8588399
63. Lagercrantz J, Carson E, **LARSSON C**, Nordenskjöld M, Weber G: Isolation and characterization of a novel gene close to the human phosphoinositide-specific phospholipase C beta 3 gene on chromosomal region 11q13. *Genomics* 31(3): 380-384, 1996. PMID: 8838322
64. Zedenius J, **LARSSON C**, Wallin G, Bäckdahl M, Aspenblad U, Höög A, Börresen AL, Auer G: Alterations of p53 and expression of WAF1/p21 in human thyroid tumors. *Thyroid* 6(1): 1-9, 1996. PMID: 8777377

- * 65 Phelan CM, Rebbeck TR, Weber BL, Devilee P, Rutledge MH, Lynch HT, Lenoir GM, Stratton MR, Easton DF, Ponder BA, Cannon-Albright L, **LARSSON C**, Goldgar DE, and Narod SA: Ovarian cancer risk in BRCA1 carriers is modified by the HRAS1 variable number of tandem repeat (VNTR) locus.
Nature Genetics 12(3): 309-311, 1996. C: 181 PMID: 8589723
66. Lagercrantz J, **LARSSON C**, Grimmond S, Fredriksson M, Weber G, Piehl F: Expression of the VEGF-related factor gene in pre- and postnatal mouse. *Biochemical and Biophysical Research Communications* 220(1): 147-152, 1996. PMID: 8602835
- * 67 Heath H 3rd, Odelberg S, Jackson CE, Teh BT, Hayward N, **LARSSON C**, Buist NR, Krapcho KJ, Hung BC, Capuano IV, Garrett JE, Leppert MF: Clustered inactivating mutations and benign polymorphisms of the calcium receptor gene in familial benign hypocalciuric hypercalcemia suggest receptor functional domains.
Journal of Clinical Endocrinology and Metabolism 81(4): 1312-1317, 1996.
C: 149 PMID: 8636323
- * 68 Phelan CM, Lancaster J, Tonin P, Gumbs C, Cochran C, Carter R, Ghadirian P, Perret C, Moslehi R, Dion F, Faucher M-C, Dole K, Karimi S, Foulkes W, Lounis H, Warner E, Goss P, Anderson D, **LARSSON C**, Narod SA, Futreal PA: Mutation analysis of the BRCA2 gene in 49 site-specific breast cancer families.
Nature Genetics 13(1): 120-122, 1996. C: 222 PMID: 8673090
69. Phelan CM, **LARSSON C**, Baird S, Futreal PA, Rutledge M, Morgan K, Tonin P, Hung H, Korneluk RG, Pollak MN, Narod SA: The human mammary-derived growth inhibitor (MDGI) gene: genomic structure and mutation analysis in human breast tumors. *Genomics* 34(1): 63-68, 1996. PMID: 8661024
- * 70 Dotzenrath C, Teh BT, Farnebo F, Cupisti K, Svensson A, Toell A, Goretzki P, **LARSSON C**: Allelic loss of the retinoblastoma tumour suppressor gene: a marker for aggressive parathyroid tumours?
Journal of Clinical Endocrinology and Metabolism 81(9): 3194-3196, 1996.
C: 69 PMID: 8784068
- * 71 Lancaster J, Wooster R, Mangion J, Phelan CM, Cochrane C, Gumbs C, Seal S, Barfoot R, Collins N, Bignell G, Patel S, Hamoudi R, **LARSSON C**, Wiseman R, Berchuck A, Iglehart JD, Marks JF, Ashworth A, Stratton M, Futreal PA: BRCA2 mutations in primary breast and ovarian cancers.
Nature Genetics 13(2): 238-240, 1996. C: 284 PMID: 8640235
- * 72 Kjellman M, Kallioniemi O-P, Karhu R, Höög A, Farnebo LO, Auer G, **LARSSON C**, Bäckdahl M: Genetic aberrations in adrenocortical tumors detected using comparative genomic hybridization correlate with tumor size and malignancy.
Cancer Research 56(18): 4219-4223, 1996. C: 161 PMID: 8797595

73. Sanders R, Islam KB, Betz R, **LARSSON C**, Smith CI: A human homologue of the rat rab geranylgeranyl transferase beta subunit on chromosome 1p22-p31. *Genomics* 35(3): 633-635, 1996. PMID: 8812509
- * 74 Teh BT, Farnebo F, Kristoffersson U, Sundelin B, Cardinal J, Axelson R, Yap A, Epstein M, Heath H III, Cameron D, **LARSSON C**: Autosomal dominant primary hyperparathyroidism and jaw tumor syndrome associated with renal hamartomas and cystic kidney disease: linkage to 1q21-q32 and loss of the wild type allele in renal hamartomas. *Journal of Clinical Endocrinology and Metabolism* 81 (12):4204-4211, 1996
C: 141 PMID: 8954016
- * 75 The European Consortium of MEN1
Group 1: Courseaux A, Grosgeorge J, Gaudray P
Group 2: Pannett AAJ, Forbes SA, Williamson C, Bassett D, Thakker RV
Group 3: Teh BT, Farnebo F, Skogseid B, Cameron D, **LARSSON C**
Group 4: Giraud S, Zhang CX, Salandre J, Calender A
Definition of the MEN1 candidate area based on a 5 Mb integrated map of proximal 11q13. *Genomics* 37 (3): 354-365, 1996. C: 84 PMID: 8938448
76. Teh BT, McArdle J, Parameswaran V, David R, Hayward N, **LARSSON C**, Shepherd J: Sporadic primary hyperparathyroidism in the setting of multiple endocrine neoplasia type 1. *Archives of Surgery (JAMA Surgery)* 131(11): 1230-1232, 1996. PMID: 8911266
77. Teh BT, Sullivan AA, Farnebo F, Zander C, Li F- Y, Strachan N, Schalling M, **LARSSON C**, Sandstrom P: Oculopharyngeal muscular dystrophy (OPMD) - report and genetic studies of an australian kindred. *Clinical Genetics* 51 (1): 52-55, 1997. PMID: 9084936
78. Uden AB, Ståhle-Bäckdahl M, Holmberg E, **LARSSON C**, Toftgård R: Fine mapping of the locus for nevoid basal cell carcinoma syndrome on chromosome 9q. *Acta Dermato-Venereologica* 77(1): 4-9, 1997. PMID: 9059667
79. Stock JL, Warth MR, Teh BT, Coderre JA, Overdorf J, Baumann G, Hintz RL, Hartman ML, Seizinger BR, **LARSSON C**, Aronin N: A kindred with a variant of multiple endocrine neoplasia type 1 demonstrating frequent expression of pituitary tumors but not linked to the multiple endocrine neoplasia type 1 locus at chromosome region 11q13. *Journal of Clinical Endocrinology and Metabolism* 82(2): 486-492, 1997. PMID: 9024241
- * 80 Teh BT, McArdle J, Chan SP, Menon J, Hartley L, Pullen P, Ho J, Khir A, Wilkinson S, **LARSSON C**, Cameron D, Shepherd J: Clinicopathologic studies of thymic carcinoids in multiple endocrine neoplasia type 1. *Medicine (Baltimore)* 76(1): 21-29, 1997. C: 102 PMID: 9064485

81. Weber G, Grimmond S, Lagercrantz J, Friedman E, Phelan C, Carson E, Hayward N, Jacobovitz O, Nordenskjöld M, **LARSSON C**. Exclusion of the phosphoinositide-specific phospholipase C β 3 (PLCB3) gene as candidate for multiple endocrine neoplasia type 1. *Human Genetics* 99(1): 130-132, 1997. PMID: 9003510
- * 82 Marsch DJ, Zheng Z, Zedenius J, Kremer H, Padberg GW, **LARSSON C**, Longy M, Eng C: Differential loss of heterozygosity at the Cowden locus within 10q22-q23 in follicular thyroid carcinomas and adenomas. *Cancer Research* 57(3): 500-503, 1997. C: 70 PMID: 9012481
- * 83 Farnebo F, Teh BT, Dotzenrath C, Wassif WS, Svensson A, White I, Betz R, Goretzki P, Sandelin K, Farnebo LO, **LARSSON C**: Differential loss of heterozygosity in familial, sporadic and uremic hyperparathyroidism. *Human Genetics* 99(3): 342-349, 1997. C: 64 PMID: 9050920
84. Teh BT, Giraud S, Sari NF, Hii SY, Bergerat JP, **LARSSON C**, Limacher JM, Nicol D: Familial non-VHL non-papillary clear-cell renal cancer. *Lancet* 349(9055): 848-849, 1997. PMID: 9121264
85. Sullivan AA, Teh BT, Jeavons S, Schalling M, Silburn P, **LARSSON C**, Boyle R: Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. *Journal of Clinical Neurosciences* 4(2): 176-180, 1997. PMID: 18638952
86. Farnebo F, Farnebo LO, Nordenström J, **LARSSON C**: Allelic loss on chromosome 11 is uncommon in parathyroid glands of patients with hypercalcaemic secondary hyperparathyroidism. *European Journal of Surgery* 163(5): 331-337, 1997. PMID: 9195165
87. Lassam NJ, Lin Z, Shennan MG, Courseaux A, Teh BT, Gaudrey P, **LARSSON C**: Fine mapping of the MLK-3 gene within 11q13 and its exclusion as the MEN1 susceptibility gene. *Human Genetics* 99(6): 776-780, 1997. PMID: 9187672
- * 88 The european consortium on MEN1:
 BELGIUM : Lemmens I, Van de Ven WJM, Kas K
 FRANCE (Lyon) : Zhang CX, Giraud S, Wautot W, Buisson N, De Witte K, Salandre J, Lenoir G, Pugeat M, Calender A, in the framework of GENEM 1
 FRANCE (Nice) : Parente F, Quincey D, Gaudray P
 NETHERLANDS : De Wit MJ, Lips CJM, Höppener JWM
 SWEDEN : Khodaei S, Grant AL, Weber G
 SWEDEN : Kytölä S, Teh BT, Farnebo F, Grimmond S, Phelan C, **LARSSON C**
 UNITED KINGDOM : Pannett AAJ, Forbes SA, Bassett JHD, Thakker RV
 Identification of the multiple endocrine neoplasia type 1 (MEN1) gene:
Human Molecular Genetics 6(7): 1177-1183, 1997. C: 510 PMID: 9215690

89. Cederberg A, Betz R, Lagercrantz S, **LARSSON C**, Hulander M, Carlsson P, Enerbäck S: Chromosomal localization, sequence analysis and expression pattern identify FKHL-18 as a novel forkhead gene. *Genomics* 44(3): 344-346, 1997. PMID: 9325056
90. The european consortium on MEN1:
 BELGIUM : Lemmens I, Merregaert J, Van de Ven WJM, Kas K
 FRANCE (Lyon) : Zhang CX, Giraud S, Wautot W, Buisson N, De Witte K, Salandre J, Lenoir G, Calender A, in the framework of GENEM 1
 FRANCE (Nice) : Parente F, Quincey D, Courseaux A, Gaudray P
 NETHERLANDS : De Wit MJ, Lips CJM, Höppener JWM
 SWEDEN : Khodaei S, Grant AL, Weber G
 SWEDEN : Kytölä S, Teh BT, Farnebo F, Grimmond S, Phelan C, **LARSSON C**
 UNITED KINGDOM : Forbes SA, Bassett JHD, Pannett AAJ, Thakker RV
 Construction of a 1.2 Mb sequence-ready contig of chromosome 11q13 encompassing the multiple endocrine neoplasia type 1 (MEN1) gene.
Genomics 44(1): 94-100, 1997. PMID: 9286704
91. The European consortium on MEN1:
 Group 1: Bassett JHD, Pannett AJ, Forbes SA, Thakker RV, McCarty M, Read AP
 Group 2: Teh BT, **LARSSON C**, Kytölä S, Leisti J, Salmela P
 Group 3: Weber G
 Group 4: Giraud S, Zhang CX, Calender A
 Group 5: Höppener JWM, Ploos van Amstel HK, Lips CJM
 Group 6: Kas K, Van De Vem V
 Group 7: Gaudray P
 Linkage disequilibrium studies in multiple endocrine neoplasia type 1 (MEN1).
Human Genetics 100(5-6): 657-665, 1997. PMID: 9341888
- * 92 Dahia PL, Marsch DJ, Zheng Z, Zedenius J, Komminoth P, Frisk T, Wallin G, Parsons R, Longy M, **LARSSON C**, Eng C: Somatic deletions and mutations in the Cowden disease gene, PTEN, in sporadic thyroid tumors.
Cancer Research 57(21): 4710-4713, 1997. C: 264 PMID: 9354427
93. The european consortium on MEN1:
 Group 1: Forbes SA, Pannett AJ, Bassett JHD, Harding B, Wooding C, Thakker RV, Butler R, Oligive D, Anand R,
 Group 2: Gaudray P
 Group 3: Weber G, **LARSSON C**
 Group 4: Zhang CX, Calender A
 Group 5: Höppener JWM, Lips CL
 Group 6: Kas K
 Mapping of the gene encoding the B56 β subunit of protein phosphatase 2A (PP2R5B) to a 0.5 Mb region of chromosome 11q13 and its exclusion as a candidate for multiple endocrine neoplasia type 1 (MEN1).
Human Genetics 100(3-4): 481-485, 1997. PMID: 9272177

94. Ernstsson S, Betz R, Lagercrantz S, **LARSSON C**, Ericksson S, Cederberg A, Carlsson P, Enerbäck S: Cloning and characterization of freac-9 (FKHL17), a novel kidney-expressed human forkhead gene that maps to chromosome 1p32-p34. *Genomics* 46(1): 78-85, 1997. PMID: 9403061
95. Gray SG, Kjellman M, **LARSSON C**, Ekström TJ: Novel splicing of an IGF2 polymorphic region in human adrenocortical carcinomas. *Biochemical and Biophysical Research Communications* 239(3): 878-883, 1997. PMID: 9367863
- * 96 Farnebo F, Enberg U, Grimelius L, Bäckdahl M, Schalling M, **LARSSON C**, Farnebo LO: Tumor-specific decreased expression of calcium sensing receptor messenger ribonucleic acid in sporadic primary hyperparathyroidism. *Journal of Clinical Endocrinology and Metabolism* 82(10): 3481-3486, 1997
C: 105 PMID: 9329389
97. Teh BT, Blennow L, Giraud S, Salen S, Hii SI, Brookwell R, Brauch H, Nordenskjöld M, **LARSSON C**, Nicol D. Bilateral multiple renal oncocytomas and cysts associated with a constitutional reciprocal translocation (8;9)(q24.1;q34.3) and a rare constitutional VHL missense substitution. *Genes Chromosomes and Cancer* 21(3): 260-264, 1998. PMID: 9523203
- * 98 Li C, **LARSSON C**, Futreal A, Lancaster J, Phelan C, Aspenblad U, Sundelin B, Liu Y, Ekman P, Auer G, Bergerheim US: Identification of two distinct deleted regions on chromosom 13 in prostate cancer. *Oncogene* 16(4): 481-487, 1998. C: 75 PMID: 9484837
- * 99 Phelan CM, Borg A, Cuny M, Crichton DN, Baldersson T, Andersen TI, Caligo MA, Lidereau R, Lindblom A, Seitz S, Kelsell D, Hamann U, Rio P, Thorlacius S, Papp J, Olah E, Ponder B, Bignon YJ, Scherneck S, Barkardottir R, Borresen-Dale AL, Eyfjörd J, Theillet C, Thompson AM, Devilee P, **LARSSON C**: Consortium study on 1280 breast carcinomas: allelic losses of chromosome 17 in breast cancer targets subregions associated with family history and clinical parameters. *Cancer Research* 58(5): 1004-1012, 1998. C: 85 PMID: 9500463
100. Betz R, Leibiger B, Farnebo F, Lagercrantz S, Piehl F, Leibiger I, **LARSSON C**: Mapping of the human Ca²⁺ channel beta 4 subunit to 2q22-23 and its expression in developing mouse. *Mammalian Genome* 9(4): 310-311, 1998. PMID: 9530629
- * 101 Teh BT, Farnebo F, Twigg S, Höög A, Kytölä S, Korpi-Hyövälti E, Wong FK, Nordenström J, Grimelius L, Sandelin K, Robinson B, Farnebo LO, **LARSSON C**: Familial isolated hyperparathyroidism maps to the hyperparathyroidism-jaw tumor locus in 1q21-q32 in a subset of families. *Journal of Clinical Endocrinology and Metabolism* 83(6): 2114-2120, 1998
C: 115 PMID: 9626148

- * 102 Teh BT, Zedenius J, Kytölä S, Skogseid B, Trotter J, Choplin H, Twigg S, Farnebo F, Giraud S, Cameron D, Robinson B, Calender A, **LARSSON C**, Salmela P: Thymic carcinoids in multiple endocrine neoplasia type 1.
Annals of Surgery 228(1): 99-105, 1998. C: 136 PMID: 9671073
103. Bajalica-Lagercrantz S, Piehl F, Farnebo F, **LARSSON C**, Lagercrantz J: Expression of the BCL6 gene in the pre- and postnatal mouse. *Biochemical and Biophysical Research Communications* 247(2): 357-360, 1998. PMID: 9642131
104. The European Consortium on MEN1:
Group 1: Höppener JW, De Wit MJ, Simarro-Doorten AY, Roijers JFM, van Herrewaarden HMC, Lips CJM,
Group 2: Parente F, Quincey D, Gaudray P
Group 3: Khodaei S, Weber G, Teh BT, Farnebo F, **LARSSON C**
Group 4: Zhang CX, Calender A
Group 5: Pannett AAJ, Forbes SA, Bassett JHD, Thakker RV
Group 6: Lemmens I, Van de Ven WJM, Kas K
A putative human zinc-finger gene (ZFLP) on 11q13, highly conserved and expressed in exocrine pancreas.
Genomics 50(2): 251-259, 1998. PMID: 9653652
105. Odeberg J, Røsok Ø, Gudmundsson GH, Ahmadian A, Roshani L, Williams C, **LARSSON C**, Ponten F, Uhlén M, Asheim HC, Lundeberg J: Cloning and characterisation of ZNF189, a novel human Krüppel-like zinc finger gene localised to chromosome 9q22-31. *Genomics* 50(2): 213-221, 1998. PMID: 9653648
- * 106 Bernal D, Almind K, Yenush L, Ayoub M, Zhang Y, Roshani L, **LARSSON C**, Pedersen O, White MF: Insulin receptor substrate-2 amino acid polymorphisms are not associated with random type 2 diabetes among Caucasians.
Diabetes 47(6):976-979, 1998. C: 64 PMID: 9604879
107. Fernandes M, Poirier C, Lassam NJ, **LARSSON C**, Guenet JL, Gaudray P, Carle GF: The murine homologues of RELA and MLK3 are located within a 120 kb-fragment on chromosome 19.
Mammalian Genome 8(7): 513-515, 1997 PMID: 9195998
108. Group 1: Gabig TG, Crean CD, Klenk A, Long H.
Group 2: Copeland NG, Gilbert DJ, Jenkins NA.
Group 3: Quincey D, Parente F, Lespinasse F, Carle GF, Gaudray P, Zhang CX, Calender A, Hoepfener J, Kas K, Thakker RV, Farnebo F, Teh BT, **LARSSON C**, Piehl F, Lagercrantz J, Khodaei S, Carson E, Weber G: Expression and chromosomal localization of the Requiem gene.
Mammalian Genome 9(8): 660-665, 1998. PMID: 9680388

109. Silburn PA, Nicholson GA, Teh BT, Blair IP, Pollard JD, Nolan PJ, **LARSSON C**, Boyle RS: Charcot-Marie-Tooth disease and Noonan syndrome with giant proximal nerve hypertrophy. *Neurology* 50(4): 1067-1073, 1998. PMID: 9566396
- * 110 Farnebo F, Teh BT, Kytölä S, Svensson A, Phelan C, Sandelin K, Thompson NW, Höög A, Weber G, Farnebo L-O, **LARSSON C**: Alterations of the MEN1 gene in sporadic parathyroid tumors. *Journal of Clinical Endocrinology and Metabolism* 83(8): 2627-2630, 1998. C: 146 PMID: 9709922
- (EDITORIAL Thakker RV: Multiple Endocrine Neoplasia—Syndromes of the Twentieth Century. *J Clin Endocrinol Metab* 83: 2617-2620, 1998. PMID: 9709920)
111. Betz R, Gray SG, Ekström C, **LARSSON C**, Ekström TJ: Human histone deacetylase 2, HDAC2 (Human RPD3), is localized to 6q21 by radiation hybrid mapping. *Genomics* 52(2): 245-246, 1998. PMID: 9782097
112. Xie YG, Rochefort D, Brais B, Howard H, Han FY, Gou LP, Maciel P, Teh BT, **LARSSON C**, Rouleau GA: Restriction map of a YAC and cosmid contig encompassing the oculopharyngeal muscular dystrophy candidate region on chromosome 14q11.2-q13. *Genomics* 52(2): 201-204, 1998. PMID: 9782086
- * 113 MUTATION ANALYSIS GROUP: Teh BT, Kytölä S, Farnebo F, Bergman L, Wong FK, Weber G, Hayward N, **LARSSON C**^{Corr}
 CLINICAL DIAGNOSIS GROUP: Skogseid B, Beckers A, Phelan C, Edwards M, Epstein M, Alford F, Hurley D, Grimmond S, Silins G, Walters M, Stewart C, Cardinal J, Khodaei S, Parente F, Tranebjærg L, Jorde R, Menon J, Khir A, Tan TT, Chan SP, Zaini A, Khalid BAK, Sandelin K, Thompson N, Brandi ML, Warth M, Stock J, Leisti J, Cameron D, Shepherd JJ, Öberg K, Nordenskjöld M, Salmela P: Mutation analysis of the MEN1 Gene in Multiple endocrine neoplasia type 1, familial acromegaly and familial isolated hyperparathyroidism. *Journal of Clinical Endocrinology and Metabolism* 83(8): 2621-2626, 1998. C: 147 PMID: 9709921
- (EDITORIAL Thakker RV: Multiple Endocrine Neoplasia—Syndromes of the Twentieth Century. *J Clin Endocrinol Metab* 83: 2617-2620, 1998. PMID: 9709920)
- * 114 Lagercrantz J, Farnebo F, **LARSSON C**, Tvrdik T, Weber G, Piehl F: A comparative study of the expression patterns for vegf, vegf-b/vrf and vegf-c in the developing and adult mouse. *Biochemica et Biophysica Acta* 1398(2):157-163, 1998. C: 71 PMID: 9689915
- * 115 Stewart C, Parente F, Piehl F, Farnebo F, Quincey D, Silins G, Bergman L, Carle GF, Lemmens I, Grimmond S, Xian CZ, Khodei S, Teh BT, Lagercrantz J, Siggers P, Calender A, Van de Vem V, Kas K, Weber G, Hayward N, Gaudray P, **LARSSON C**^{Corr}: Characterization of the mouse Men1 gene and its expression during development. *Oncogene* 17(19): 2485-2493, 1998. C: 118 PMID: 9824159

- * 116 Teh BT, Esapa C, Houlston R, Grandell U, Farnebo F, Nordenskjöld M, Pearce C, Carmichael D, **LARSSON C**^{Corr}, Harris PE: A family with isolated hyperparathyroidism segregating a missense MEN1 mutation and showing loss of the wild-type alleles in the parathyroid tumors.
American Journal of Human Genetics 63(15): 1544-1549, 1998.
C: 75 PMID: 9792884
117. Zedenius J, Dwight T, Robinson BG, Delridge L, Bäckdahl M, Wallin G, **LARSSON C**, Weber G: A rapid method for DNA extraction from the fine-needle aspiration biopsies of thyroid tumors, and subsequent RET mutation analysis.
Cancer Detection and Prevention 22(6):544-548, 1998. PMID: 9824378
118. Farnebo F, Höög A, Sandelin K, **LARSSON C**, Farnebo L-O: Decreased expression of calcium-sensing receptor messenger ribonucleic acids in parathyroid adenomas.
Surgery 12(6)4:1094-1098, 1998. PMID: 9854589
119. Wang S, Gebre-Medhin S, Betsholtz C, Ståhlberg P, Zhou Y, **LARSSON C**, Weber G, Feinstein R, Öberg K, Gobl A, Skogseid B: Targeted disruption of mouse PLC b3 gene results in early embryonic lethality.
FEBS letters 441(2):261-265, 1998. PMID: 9883896
- * 120 Farnebo F, Auer G, Farnebo L-O, Teh BT, Twigg S, Aspenblad U, Thompson NW, Grimelius L, **LARSSON C**, Sandelin K: Evaluation of retinoblastoma and Ki-67 immunostaining as diagnostic markers of benign and malignant parathyroid disease.
World Journal of Surgery 23(1):68-74, 1999. C: 58 PMID: 9841766
121. Kjellman M, Enberg U, Höög A, **LARSSON C**, Holst M, Farnebo LO, Sato H, Bäckdahl M: Gelatinase A and membrane-type 1 matrix metalloproteinase mRNA: expressed in adrenocortical cancers but not in adenomas.
World Journal of Surgery 23(3): 237-242, 1999. PMID: 9933692
122. Wassif W, Farnebo F, Teh BT, Moniz CF, Li F-Y, Harrison JD, Peters TJ, **LARSSON C**, Harris P: Genetic studies of a family with hereditary hyperparathyroidism-jaw tumour syndrome.
Clinical Endocrinology 50(2): 191-196, 1999. PMID: 10396361
123. Kjellman M, Holst M, Bäckdahl M, **LARSSON C**, Farnebo L-O, Wedell A: No overrepresentation of congenital hyperplasia in Swedish patients with adrenocortical tumors. *Clinical Endocrinology* 50(3): 343-346, 1999. PMID: 10435060
- * 124 Kjellman M, Roshani L, Teh BT, Kallioniemi O-P, Höög A, Gray S, Farnebo L-O, Holst M, Bäckdahl M, **LARSSON C**: Genotyping of adrenocortical tumors: very frequent deletions of the MEN1 gene locus in 11q13 and of a 1-cM region in 2p16.
Journal of Clinical Endocrinology and Metabolism 84(2): 730-735, 1999.
C: 101 PMID: 10022445

125. Teh BT, Lindblad K, Nord B, Kytölä S, Schalling M, **LARSSON C**, Rapley E, Biggs P, Huddart R, Stratton M, Hii S Nicol D: Familial testicular cancer: lack of evidence for trinucleotide repeat expansions and association with PKD1 in one family. *Journal of Medical Genetics* 36(4): 348-349, 1999. PMID: 10227410
126. Li C, Berx G, **LARSSON C**, Auer G, Aspenblad U, Pan Y, Sundelin B, Ekman P, Nordenskjöld M, van Roy F, Bergerheim US: Distinct deleted regions on chromosome segment 16q23-24 associated with metastases in prostate cancer. *Genes Chromosomes and Cancer* 24(3): 175-182, 1999. PMID: 10451696
127. Ehrenborg E, Zazzi H, Lagercrantz S, Granqvist M, Hillerbrand U, Allander SV, **LARSSON C**, Luthman H: Characterization and chromosomal localization of the human insulin-like growth factor-binding protein 6 gene. *Mammalian Genome* 10(4):376-380, 1999. PMID: 10087296
128. Stålberg P, Wang S, **LARSSON C**, Weber G, Öberg K, Gobl A, Skogseid B: Suppression of the neoplastic phenotype by transfection of phospholipase C beta 3 to neuroendocrine tumor cells. *FEBS Letters* 450(3):210-216, 1999. PMID: 10359076
129. Frisk T, Kytölä S, Wallin G, Zedenius J, **LARSSON C**: Low frequency of numerical chromosomal aberrations in follicular thyroid tumors detected by comparative genomic hybridization. *Genes Chromosomes and Cancer* 25(4):349-353, 1999. PMID: 10398428
130. Wong FK, Karsten A, Larson O, Huggare J, Hagberg C, **LARSSON C**, Teh BT, Linder-Aronsson S: Clinical and genetic studies of Van der Woude syndrome in Sweden. *ACTA Odontologica Scandinavica* 57(2):72-76, 1999. PMID: 10445358
131. Nord B, **LARSSON C**, Wong FK, Wallin G, Teh BT, Zedenius J: Sporadic follicular thyroid tumors show loss of a 200-kb region in 11q13 without evidence for mutations in the MEN1 gene. *Genes, Chromosomes and Cancer* 26(1):35-39, 1999. PMID: 10441003
132. Li F-Y, Tariq M, Croxen R, Morten K, Squier W, Newsom-Davies J, Beeson D, **LARSSON C**: Mapping of autosomal dominant progressive external ophthalmoplegia to a 7-cM critical region on 10q24. *Neurology* 53(6):1265-1271, 1999. PMID: 10522883
- * 133 Farnebo F, Kytölä S, Teh BT, Dwight T, Wong FK, Höög A, Elvius M, Wassif WS, Thompson NW, Farnebo L-O, Sandelin K, **LARSSON C**: Alternative genetic pathways in parathyroid tumorigenesis. *Journal of Clinical Endocrinology and Metabolism* 84(19): 3775-3780, 1999. C: 86 PMID: 10523029

134. Farnebo F, Svensson A, Thompson NW, Bäckdahl M, Grimelius L, **LARSSON C**, Farnebo L-O, Sandelin K: Expression of matrix metalloproteinase gelatinase A messenger ribonucleic acid in parathyroid carcinomas. *Surgery* 126(6):1183-1187, 1999. PMID: 10598205
135. Pan Y, Kytölä S, Farnebo F, Wang N, Lui WO, Nupponen N, Isola J, Visakorpi T, Bergerheim US, **LARSSON C**: Characterization of chromosomal abnormalities in prostate cancer cell lines by spectral karyotyping. *Cytogenetics and Cell Genetics* 87(3-4):225-232, 1999. PMID: 10702678
136. Gray SG, Kytölä S, Lui WO, **LARSSON C**, Ekström TJ: Modulating IGFBP-3 expression by trichostatin A: potential therapeutic role in the treatment of hepatocellular carcinoma. *International Journal of Molecular Medicine* 5(1):33-41, 2000. PMID: 10601571
137. Lemmens IH, Farnebo F, Piehl F, Merregaert J, Van de Ven WJ, **LARSSON C**, Kas K. Molecular characterization of human and murine C11orf5, a new member of the FAUNA gene cluster. *Mammalian Genome* 11(1):78-80, 2000. PMID: 10602999
- * 138 Kassem M, Kruse TA, Wong F-K, **LARSSON C**^{Corr}, Teh BT: Familial isolated hyperparathyroidism as a variant of multiple endocrine neoplasia type 1 in a large Danish pedigree. *Journal of Clinical Endocrinology and Metabolism* 85(1): 165-167, 2000. C: 76 PMID: 10634381
- * 139 Edström E, Mahlamäki E, Nord B, Kjellman M, Karhu R, Höög A, Goncharov N, Teh BT, Bäckdahl M, **LARSSON C**: Comparative genomic hybridization reveals very frequent losses of chromosomes 1p and 3q in pheochromocytomas and abdominal paragangliomas, suggesting a common genetic etiology. *American Journal of Pathology* 156(2): 651-659, 2000. C: 96 PMID: 10666394
140. Adeyinka A, Kytölä S, Mertens F, Pandis N, **LARSSON C**: Spectral karyotyping and chromosome banding studies of primary breast carcinomas and their lymph node metastases. *International Journal of Molecular Medicine* 5(3): 235-240, 2000. PMID: 10677562
141. Edström E, Frisk T, Farnebo F, Höög A, Bäckdahl M, **LARSSON C**: Expression analysis of RET and the GDNF/GFRalpha-1 and NTN/GFRalpha-2 ligand complexes in pheochromocytomas and paragangliomas. *International Journal of Molecular Medicine* 6(4):469-474, 2000. PMID: 10998441
142. Wong F-K, Hagberg C, Karsten A, Larson O, Gustavsson M, Huggare J, **LARSSON C**, Teh BT, Linder-Aronsson S: Linkage analysis of candidate regions in Swedish non-syndromic cleft lip and palate families. *Cleft Palate Craniofac Journal* 37(4):357-362, 2000. PMID: 10912714

143. Nordgren A, Farnebo F, Björkholm M, Sahlén S, Porwit Mac-Donald A, Ösby E, Kytölä S, **LARSSON C**, Nordenskjöld M, Blennow E: Detailed characterisation of a complex karyotype in a patient with primary plasma cell leukemia using multicolour spectral karyotyping and micro-FISH.
Hematology Journal 1(2): 95-101, 2000. PMID: 11920176
- * 144 Haven CJ, Wong FK, van Dam EW, van der Juijt R, van Asperen C, Jansen J, Rosenberg C, de Wit M, Roijers J, Hoppener J, Lips CJ, **LARSSON C**, Teh BT, Mourreau H: A genotypic and histopathological study of a large Dutch kindred with hyperparathyroidism-jaw tumor syndrome.
Journal of Clinical Endocrinology and Metabolism 85(4):1449-1454, 2000.
C: 88 PMID: 10770180
145. Lui W-O, Kytölä S, Ånfalk S, **LARSSON C**, Farnebo L-O: Balanced translocation t(3;7)(p25;q34): another mechanism of tumorigenesis in follicular thyroid carcinoma?
Cancer Genetics and Cytogenetics 119(2):109-112, 2000. PMID: 10867144
- *146 Kytölä S, Rummukainen J, Nordgren A, Karhu R, Farnebo F, Isola J, **LARSSON C**: Chromosomal alterations in 15 breast cancer cell lines by comparative genomic hybridization and spectral karyotyping.
Genes Chromosomes and Cancer 28(3): 308-317, 2000.
C: 109 PMID: 10862037
147. Nord B, Platz A, Smoczynski K, Kytölä S, Robertson G, Calender A, Murat A, Weintraub D, Burgess J, Edwards M, Skogseid B, Owen B, Lassam N, Hogg D, **LARSSON C**, Teh BT: Malignant melanoma in patients with multiple endocrine neoplasia type 1 and the involvement of the MEN1 gene in sporadic melanoma.
International Journal of Cancer 87(4):463-467, 2000. PMID: 10918183
- * 148 Burgess JR, Nord B, David R, Greenaway TM, Parameswaran V, **LARSSON C**, Shepherd JJ, Teh BT : Phenotype and phenocopy: the relationship between genotype and clinical phenotype in a single large family with multiple endocrine neoplasia type 1 (MEN 1). *Clinical Endocrinology (Oxf)* 53(2):205-211, 2000.
C: 78 PMID: 10931102
149. Frisk T, Farnebo F, Zedenius J, Grimelius L, Höög A, Wallin G, **LARSSON C**: Expression of RET and its ligand complexes, GDNF/GFRA-1 and NRTN/GFRA-2, in medullary thyroid carcinomas.
European Journal of Endocrinology 142(6):643-649, 2000. PMID: 10822229
150. Nordgren A, Sørensen A-G, Tinggard-Pedersen N, Blennow E, **LARSSON C**, Lagercrantz S: New chromosomal breakpoints in non-Hodgkin's lymphomas revealed by spectral karyotyping and G-banding.
International Journal of Molecular Medicine 5(5): 485-492, 2000. PMID: 10762651

- * 151. Skogsberg J, Kannisto K, Roshani L, Gagné E, Hamsten A, **LARSSON C**, Ehrenborg E: Characterization of the human peroxisome proliferator activated receptor delta gene and its expression.
International Journal of Molecular Medicine 6(1):73-81, 2000.
C: 51 PMID: 10851270
152. Dwight T, Twigg S, Delbridge L, Wong F-K, Farnebo F, Richardson A-L, Nelson A, Zedenius J, Philips J, **LARSSON C**, Teh BT, Robinson B: Loss of heterozygosity in sporadic parathyroid tumours: involvement of chromosome 1 and the MEN1 gene locus in 11q13. *Clinical Endocrinology* 53(1): 85-92, 2000. PMID: 10931084
- * 153 Kytölä S, Farnebo F, Obara T, Grimelius L, Isola J, Farnebo L-O, Sandelin K, **LARSSON C^{Corr}**: Patterns of chromosomal imbalances in parathyroid carcinomas.
American Journal of Pathology 157(2): 579-586, 2000.
C: 88 PMID: 10934160
154. Gray S, Kytölä S, Matsunaga T, **LARSSON C**, Ekström TJ: Comparative genomic hybridization reveals population-based genetic alterations in hepatoblastomas.
British Journal of Cancer 83(8):1020-1025, 2000. PMID: 10993649
155. Gray SG, Hartmann W, Eriksson T, Ekström C, Holm S, Kytölä S, von Schweinitz D, Pietsch T, **LARSSON C**, Kogner P, Sandstedt B, Ekström TJ: Expression of genes involved with cell cycle control, cell growth and chromatin modification are altered in hepatoblastomas.
International Journal of Molecular Medicine 6(2):161-169, 2000. PMID: 10891560
- * 156 Lindblad-Toh K, Tanenbaum DM, Daly MJ, Winchester E, Lui WO, Villapakkam A, Stanton SE, **LARSSON C**, Hudson TJ, Johnson BE, Lander ES, Meyerson M: Loss-of-heterozygosity analysis of small-cell lung carcinomas using single-nucleotide polymorphism arrays.
Nature Biotechnology 18(9):1001-1005, 2000. C: 223 PMID: 10973224
157. Kytölä S, Villablanca A, Ebeling T, Nord B, **LARSSON C**, Höög A, Wong FK, Välimäki M, Vierimaa O, Teh BT, Salmela PI, Leisti J: Founder effect in multiple endocrine neoplasia type 1 (MEN 1) in Finland.
Journal of Medical Genetics 38(3):185-189, 2001. PMID: 11303512
158. Wong FK, Kollinen H, Rautio J, Teh BT, Ranta R, Karsten A, Larson O, Linder-Aronsson S, Huggare J, **LARSSON C**, ^{Corr} Kere J: Genetic heterogeneity and exclusion of a modifying locus at 17p11.2-11.1 in Finnish families with van der Woude syndrome
Journal of Medical Genetics 38(3): 198-202, 2001. PMID: 11303516
159. Yi P, Lui WO, Nupponen N, **LARSSON C^{Corr}**, Isola J, Visakorpi T, Bergerheim US, Kytölä S: 5q11, 8p11, and 10q22 are recurrent chromosomal breakpoints in prostate cancer cell lines.
Genes Chromosomes and Cancer 30(2):187-195, 2001. PMID: 11135436

160. Svensson AC, Raudsepp T, **LARSSON C**, Di Cristofano A, Chowdhary B, La Mantia G, Rask L, Andersson G: Chromosomal distribution, localization and expression of the human endogenous retrovirus ERV9.
Cytogenetics and Cell Genetics 92(1-2): 89-96, 2001. PMID: 11306803
161. Kjellman P, Learoyd DL, Messina M, Weber G, Höög A, Wallin G, **LARSSON C**, Robinson BG, Zedenius J: Expression of the RET proto-oncogene in papillary thyroid carcinoma and its correlation with clinical outcome.
British Journal of Surgery 88(4):557-563, 2001. PMID: 11298625
162. Kanayama H, Lui WO, Takahashi M, Naroda T, Kedra D, Wong FK, Kuroki Y, Nakahori Y, **LARSSON C**, Kagawa S, Teh BT: Association of a novel constitutional translocation t(1q;3q) with familial renal cell carcinoma.
Journal of Medical Genetics 38(3): 165-170, 2001. PMID: 11238683
163. Lui W, Wejde J, Tani E, Brosjö O, Kytölä S, **LARSSON C**^{Corr}: A highly aggressive primitive mesenchymal tumor with a translocation t(1;19)(q12;q13.2).
Cancer Genetics and Cytogenetics, 127(2):128-133, 2001. PMID: 11425451
164. Jörgensen P-M, Gräslund S, Betz R, Ståhl S, **LARSSON C**, Höög C: Characterisation of the human APC1, the largest subunit of the anaphase-promoting complex.
Gene 262(1-2):51-59, 2001. PMID: 11179667
165. Fadl-Elmula I, Kytölä S, Pan Y, Lui WO, Derienzo G, Forsberg L, Mandahl N, Gorunova L, Bergerheim US, Heim S, **LARSSON C**: Characterization of chromosomal abnormalities in uroepithelial carcinomas by G-banding, spectral karyotyping and FISH analysis.
International Journal of Cancer 92(6):824-831, 2001. PMID: 11351302
166. Kjellman P, Lagercrantz S, Höög A, Wallin G, **LARSSON C**, Zedenius J: Gain of 1q and loss of 9q21.3-q32 are associated with a less favorable prognosis in papillary thyroid carcinoma.
Genes Chromosomes and Cancer 32(1):43-49, 2001. PMID: 11477660
167. Li F, Szobor A, Croxen R, Anselmo V, Yuan Q-P, Lindblad K, Schalling M, Komoly S, Beeson D, **LARSSON C**: Dominantly inherited familial myasthenia gravis as a separate genetic entity without involvement of defined candidate gene loci:
International Journal of Molecular Medicine 7(3):289-294, 2001. PMID: 11179509
- * 168 Kytölä S, Höög A, Nord B, Cedermark B, Frisk T, **LARSSON C**^{Corr}, Kjellman M: Comparative genomic hybridization identifies loss of 18q22-qter as an early and specific event in tumorigenesis of midgut carcinoids.
American Journal of Pathology, 158(5):1803-1808, 2001.
C: 113 PMID: 11337378

169. Åhlen J, Enberg U, **LARSSON C**, LARSSON O, Frisk T, Brosjö O, von Rosen A, Bäckdahl M: Malignant fibrous histiocytoma, aggressive fibromatosis and benign fibrous tumors express mRNA for the metalloproteinase inducer EMMPRIN, and the metalloproteinases MMP-2 and MT1-MMP.
Sarcoma 5:143-149, 2001. PMID: 18521441
170. Nordgren A, Farnebo F, Johansson B, Holmgren G, Forestier E, **LARSSON C**, Söderhäll S, Nordenskjöld M, Blennow E: Identification of numerical and structural chromosome aberrations in 15 high hyperdiploid childhood acute lymphoblastic leukemias using spectral karyotyping.
European Journal of Haematology 66(5):297-304, 2001. PMID: 11422408
171. Rummukainen J, Kytölä S, Karhu R, Farnebo F, **LARSSON C**, Isola J: Aberrations of chromosome 8 in sixteen breast cancer cell lines by comparative genomic hybridization, fluorescence in situ hybridization, and spectral karyotyping.
Cancer Genetics and Cytogenetics 126(1):1-7, 2001. PMID: 11343771
172. Li FY, Nikali K, Gregan J, Leibiger I, Leibiger B, Schweyen R, **LARSSON C**, Suomalainen A: Characterization of a novel human putative mitochondrial transporter homologous to the yeast mitochondrial RNA splicing proteins 3 and 4.
FEBS Letters 494(1-2):79-84, 2001. PMID: 11297739
173. Frisk T, Zedenius J, Lundberg J, Wallin G, Kytölä S, **LARSSON C**: CGH alterations in medullary thyroid carcinomas in relation to the RET M918T mutation and clinical outcome.
International Journal of Oncology, 18(6): 1219-1225, 2001. PMID: 11351254
174. Forsberg L, Villablanca A, Välimäki S, Farnebo F, Farnebo L-O, Lagercrantz S, **LARSSON C**: Homozygous inactivation of the MEN1 gene as a specific somatic event in a case of secondary hyperparathyroidism.
European Journal of Endocrinology 145 (4): 415-420, 2001. PMID: 1580998
175. Välimäki S, Farnebo F, Forsberg L, **LARSSON C**, Farnebo L-O: Heterogeneous expression of receptor mRNAs in parathyroid glands of secondary hyperparathyroidism.
Kidney International 60(5):1666-1675, 2001. PMID: 11703583
- * 176 Spelbrink JH, Li FY, Tiranti V, Nikali K, Yuan Q-P, Tariq M, Wanrooij S, Garrido N, Comi G, Morandi L, Santoro L, Toscano A, Fabrizi G-M, Somer H, Croxson R, Beeson D, Poulton J, Suomalainen A, Jacobs HT, Zeviani M, **LARSSON C**: Human mitochondrial DNA deletions associated with mutations in the gene encoding Twinkle, a phage T7 gene 4-like protein localized in mitochondria.
Nature Genetics 28(3): 223-231, 2001. C: 681 PMID: 11431692

(COMMENT in: Moraes CT: A helicase is born. *Nat Genet* 28:200-201, 2001.)

- * 177 Koillinen H, Wong FK, Rautio J, Ollikainen V, Karsten A, Larson O, Teh BT, Huggare J, Lahermo P, **LARSSON C**, Kere J (2001) Mapping of the second locus for the Van der Woude syndrome to chromosome 1p34.
European Journal of Human Genetics 9(10): 747-752, 2001. C: 55 PMID: 11781685
178. Lui W-O, Tannenbaum DM, **LARSSON C**: High level amplification of 1p32-33 and 2p22-24 in small cell lung carcinomas.
International Journal of Oncology 19(3):451-457, 2001. PMID: 11494021
- * 179 Lemmens IH, Forsberg L, Pannett AA, Meyen E, Piehl F, Turner JJ, Van de Ven WJ, Thakker RV, **LARSSON C**, Kas K: Menin interacts directly with the homeobox-containing protein Pem.
Biochem Biophys Res Commun 286(2):426-431, 2001. C: 86 PMID: 11500056
180. Eriksson T, Frisk T, Gray SG, von Schweinitz D, Pietsch T, **LARSSON C**, Sandstedt B, Ekström TJ: Methylation changes in the human IGF2 p3 promoter parallel IGF2 expression in the primary tumor, established cell line, and xenograft of a human hepatoblastoma.
Experimental Cell Research 270(1):88-95, 2001. PMID: 11597130
181. Forsberg L, Zablewska B, Piehl F, Weber G, Lagercrantz S, Gaudray P, Höög C, **LARSSON C**: Differential expression of multiple alternative spliceforms of the Men1 tumor suppressor gene in mouse.
International Journal of Molecular Medicine 8(6):681-689, 2001. PMID: 11712086
182. Villablanca A, Farnebo F, Teh BT, Farnebo L-O, Höög A, **LARSSON C**: Genetic and clinical characterization of sporadic cystic parathyroid tumors.
Clinical Endocrinology 56(2):261-269, 2002. PMID: 11874419
183. Li F-Y, Leibiger B, Leibiger I, **LARSSON C**: Characterization of a putative murine mitochondrial transporter homology of hMRS3/4.
Mammalian Genome 13(1):20-23, 2002. PMID: 11773964
184. Lui W-O, Chen J, Gläsker S, Bender BU, Madura C, Khoo SK, Kort E, **LARSSON C**, Neumann HP, Teh BT: Selective loss of chromosome 11 in pheochromocytomas associated with the VHL Syndrome
Oncogene 21(7): 1117-1122, 2002. PMID: 11850829
185. Fadl-Elmula I, Kytölä S, Leithy ME, Abdel-Hameed M, Mandahl N, Elagib A, Ibrahim M, **LARSSON C**, Heim S: Chromosomal aberrations in benign and malignant bilharzia-associated bladder lesions analyzed by comparative genomic hybridization.
BMC Cancer 2:5, 2002. PMID: 11914143

186. Perrier ND, Villablanca A, **LARSSON C**, Wong M, Ituarte P, Teh BT, Clark OH: Genetic screening for MEN1 mutations in families presenting with familial primary hyperparathyroidism.
World Journal of Surgery 26(8): 907-913, 2002. PMID: 12016470
187. Edström Elder E, Nord B, Carling T, Juhlin C, Bäckdahl M, Höög A, **LARSSON C**: Loss of heterozygosity on the short arm of chromosome 1 in pheochromocytoma and abdominal paraganglioma.
World Journal of Surgery 26(8): 965-971, 2002. PMID: 12045857
- * 188 Kytölä S, Nord B, Edström Elder E, Carling T, Kjellman M, Cedermark B, Juhlin C, Höög A, Isola J, **LARSSON C**: Alterations of the SDHD gene locus in migut carcinoids, Merkel cell carcinomas, pheochromocytomas, and abdominal paragangliomas.
Genes Chromosomes and Cancer 34(3): 325-332, 2002. C: 63 PMID: 12007193
189. Dwight T, Kytölä S, Teh BT, Theodosopoulos G, Richardson AL, Philips J, Twigg S, Delbridge L, Marsh DJ, Nelson AE, **LARSSON C**, Robinson BG: Genetic analyses of lithium-associated parathyroid tumors.
European Journal of Endocrinology 146(5): 619-627, 2002. PMID: 11980616
- * 190 Frisk T, Foukakis T, Dwight T, Lundberg J, Höög A, Wallin G, Eng C, Zedenius J, **LARSSON C**: Silencing of the PTEN tumor suppressor gene in anaplastic thyroid cancer.
Genes Chromosomes and Cancer 35(1): 74-80, 2002. C: 92 PMID: 12203792
- * 191 Berglund M, Enblad G, Flordal E, Lui W-O, Backlin C, Thunberg U, Sundström C, Roos G, Allander SV, Erlansson M, Rosenquist R, **LARSSON C**, Lagercrantz S: Chromosomal imbalances in diffuse large B-cell lymphoma detected by comparative genomic hybridization.
Modern Pathology 15(8): 807-816, 2002. C: 59 PMID: 12181265
192. Roshani L, Fujioka K, Auer G, Kjellman M, Lagercrantz S, **LARSSON C**: Aberrations of centrosomes in adrenocortical tumors.
International Journal of Oncology 20(6): 1161-1165, 2002. PMID: 12011993
193. Flordal E, Berglund E, Rosenquist R, Erlanson M, Enblad G, Roos G, **LARSSON C**, Lagercrantz S: Clonal development of a blastoid mantle cell lymphoma studied with comparative genomic hybridization.
Cancer Genetics and Cytogenetics 139(1):38-43, 2002. PMID: 12547156
194. Villablanca A, Wassif SW, Smith T, Höög A, Vierimaa O, Kassem M, Dwight T, Forsberg L, Du Q, Learoyd D, Jones K, Stransk S, Juhlin C, Teh BT, Carling T, Robinson B, **LARSSON C**: Involvement of the MEN1 gene locus in familial isolated hyperparathyroidism.
European Journal of Endocrinology 147(3): 313-322, 2002. PMID: 12213668

195. Yang K, Lui W-O, Zhang A, Skytting B, Mandahl N, **LARSSON C^{Corr}**, **LARSSON O**: Co-existence of SYT-SSX1 and SYT-SSX2 fusions in synovial sarcomas. *Oncogene* 21(26): 4181-4190, 2002. PMID: 12037676
196. Dwight T, Nelson AE, Thedosopoulos G, Richardson AL, Learoyd DL, Philips J, Delbridge L, Teh BT, **LARSSON C**, Marsch DJ, Robinson BG: Independent genetic events associated with the development of multiple parathyroid tumors in patients with primary hyperparathyroidism. *American Journal of Pathology* 161(4): 1299-1306, 2002. PMID: 12368203
197. Välimäki S, Forsberg L, Farnebo L-O, **LARSSON C**: Distinct target regions for chromosome 1p deletions in parathyroid adenomas and carcinomas. *International Journal of Oncology* 21(4): 727-735, 2002. PMID: 12239610
- * 198 Carpten JD^{Corr}, Robbins CM, Villablanca A, Forsberg L, Presciuttini S, Bailey-Wilson J, Simonds WF, Gillanders EM, Kennedy AM, Chen JD, Agarwal SK, Sood R, Jones MP, Moses TY, Haven CJ, D Petillo, Leotlela PD, Harding B, Cameron D, Pannett AA, Höög A, Heath H 3rd, James-Newton LA, Robinson B, Zarbo RJ, Cavaco BM, Wassif W, Perrier ND, Rosen IB, Kristoffersson U, Turnpenny PD, Farnebo LO, Besser GM, Jackson CE, Morreau H, Trent JM, Thakker RV, Marx SJ, Teh BT, **LARSSON C^{Corr}**, Hobbs M: HRPT2, encoding parafibromin, is mutated in hyperparathyroidism-jaw tumor syndrome. *Nature Genetics* 32(4):676-680, 2002. C: 536 PMID: 12434154
199. Guo X, Lui WO, Qian CN, Chen JD, Gray SG, Rhodes D, Haab B, Stanbridge E, Wang H, Hong MH, Min HQ, **LARSSON C**, Teh BT. Identifying cancer-related genes in nasopharyngeal carcinoma cell lines using DNA and mRNA expression profiling analyses. *International Journal of Oncology* 21(6): 1197-1204, 2002. PMID: 12429968
200. Berglund M, Flordal E, Gullander J, Lui W-O, **LARSSON C**, Lagercrantz S, Enblad G: Molecular cytogenetic characterization of four commonly used cell-lines derived from Hodgkin lymphoma. *Cancer Genetics and Cytogenetics* 141(1): 43-48, 2003. PMID: 12581897
- * 201 Elder EE, Xu D, Höög A, Enberg U, Hou M, Pisa P, Gruber A, **LARSSON C**, Bäckdahl M: Ki-67 and hTERT expression can aid in the distinction between malignant and benign pheochromocytoma and paraganglioma. *Modern Pathology* 16(3):246-255, 2003. C: 86 PMID: 12640105
202. Li C, Grönberg H, Matsuyama H, Weber G, Nordenskjöld M, Naito K, Bergh A, Bergerheim U, Damber J-E, **LARSSON C**, Ekman P: Difference between Swedish and Japanese men in the association between AR CAG repeats and prostate cancer suggesting a susceptibility-modifying locus overlapping the androgen receptor gene. *International Journal of Molecular Medicine* 11(4):529-533, 2003. PMID: 12632109

203. Tso AW, Rong R, Lo CY, Tan KC, Tiu SC, Wat NM, Xu JY, Villablanca A, **LARSSON C**, Teh BT, Lam KS. Multiple endocrine neoplasia type 1 (MEN1): genetic and clinical analysis in the Southern Chinese. *Clinical Endocrinology* 59(1):129-135, 2003. PMID: 12807514
204. Kjellman P, Wallin G, Höög A, Auer G, **LARSSON C**, Zedenius J: MIB-1 index in thyroid tumors: a predictor of the clinical course in papillary thyroid carcinoma. *Thyroid* 204 13(4):371-380, 2003. PMID: 12812214
205. Åhlen J, Weng WW, Brosjö O, von Rosen A, **LARSSON O**, **LARSSON C**: Evaluation of immunohistochemical parameters as prognostic markers in malignant fibrous histiocytoma. *Oncology Reports* 10(5):1641-1645, 2003. PMID: 12883752
206. Wei Y, Sun M, Nilsson G, Dwight T, Xie Y, Wang J, Hou Y, **LARSSON O**, **LARSSON C**, Zhu X: Characteristic sequence motifs located at the genomic breakpoints of the translocation t(X;18) in synovial sarcomas. *Oncogene* 22(14):2215-2222, 2003. PMID: 12687023
207. Valdman A, Nordenskjöld A, Naito A, Fang X, Al-Shukri S, **LARSSON C**, Ekman P, Li C: Mutation analysis of the BRG1 gene in prostate cancer clinical samples. *International Journal of Oncology* 22(5):1003-1007, 2003. PMID: 12684665
208. Weng WH, Åhlén J, Lui W-O, Pang S-T, Brosjö O, von Rosen A, Auer G, **LARSSON O**, **LARSSON C**: Gain of 17q in malignant fibrous histiocytoma is associated with a longer disease-free survival and a lower risk of developing distant metastases. *British Journal of Cancer* 89(4):720-726, 2003. PMID: 12915885
- * 209 Dwight T, Thoppe SR, Foukakis T, Lui WO, Wallin G, Höög A, Frisk T, **LARSSON C^{Corr}**, Zedenius J: Involvement of the PAX8/peroxisome proliferator-activated receptor gamma rearrangement in follicular thyroid tumors. *Journal of Clinical Endocrinology and Metabolism* 88(9):4440-4445, 2003. C: 159 PMID: 12970322
- * 210 Shattuck TM, Välimäki S, Obara T, Gaz RD, Clark OH, Shoback D, Wierman ME, Tojo K, Robbins CM, Carpten JD, Farnebo L-O, **LARSSON C^{Corr}**, Arnold A^{Corr}: Somatic and germline mutations of the HRPT2 gene in sporadic parathyroid carcinoma. *The New England Journal of Medicine* 349(18):1722-1729, 2003. C: 422 PMID: 14585940
- (PERSPECTIVES in: Weinstein LS, Simonds WF: *HRPT2*, a marker of parathyroid cancer. *New Engl J Med* 349:1691-1692, 2003.)
- * 211 Chen J, Lui WO, Vos MD, Clark GJ, Takahashi M, Schoumans J, Khoo SK, Petillo D, Lavery T, Sugimura S, Astuti D, Zhang C, Kagawa S, Maher E, **LARSSON C**, Alberts

- AS, Kanayama HO, Teh BT: The t(1;3) breakpoint-spanning genes *LSAMP* and *NORE1* are involved in clear cell renal cell carcinomas
Cancer CELL 4(6): 405-413, 2003. C: 96 PMID: 14667507
212. Välimäki S, Höög A, **LARSSON C**, Farnebo L-O, Bränström R: High extracellular Ca²⁺ hyperpolarizes human parathyroid cells via Ca(2+)-activated K⁺ channels.
Journal of Biological Chemistry 278(50):49685-49690, 2003. PMID: 14522972
213. Weng WH, Wejde J, Åhlén J, Pang S-T, Lui W-O, **LARSSON C**: Characterization of large chromosome markers in a malignant fibrous histiocytoma by spectral karyotyping, comparative genomic hybridization (CGH), and array CGH.
Cancer Genetics and Cytogenetics 150(1):27-32, 2004. PMID: 15041220
- * 214 Villablanca A, Calender A, Forsberg L, Höög A, Cheng J-D, Petillo D, Bauters C, Kahnoski K, Ebeling T, Salmela P, Richardson A-L, Delbridge L, Meyrier A, Proye C, Carpten JD, Teh BT, Robinson BG, **LARSSON C**: Germline and de novo mutations in the HRPT2 tumour suppressor gene in familial isolated hyperparathyroidism (FIHP).
Journal of Medical Genetics 41(3): e32, 2004. C: 53 PMID: 14985403
215. Alimov A, Sundelin B, Wang N, **LARSSON C**, Bergerheim U: Loss of 14q31-q32.2 in cell carcinoma is associated with high malignancy grade and poor survival.
International Journal of Oncology 25(1):179-185, 2004. PMID: 15202004
216. Siwicki JK, Berglund M, Rygier J, Pienkowska-Grela B, Grygalewicz B, Degerman S, Golovleva I, Chrzanowska K, Lagercrantz S, Blennow E, Roos G, **LARSSON C**: Spontaneously immortalized human T lymphocytes develop gain of chromosomal region 2p13-24 as an early and common genetic event.
Genes Chromosomes and Cancer 41(2):133-144, 2004. PMID: 15287026
217. Bylund L, Kytölä S, Lui W-O, **LARSSON C**, Weber G: Analysis of the cytogenetic stability of the human embryonal kidney cell line 293 by cytogenetic and STR profiling approaches.
Cytogenetic and Genome Research 106(1): 28-32, 2004. PMID: 15218237
218. Corcoran M, Hammarsund M, Zhu C, Lerner M, Kapanadze B, Wilson B, **LARSSON C**, Forsberg L, Ibbotson RE, Einhorn S, Oscier D, Grandér D, Sangfelt O: DLEU2 encodes an antisense RNA for the putative bicistronic RFP2/LEU5 gene in humans and mouse. *Genes Chromosomes and Cancer* 40(4): 285-297, 2004. PMID: 15188451
219. Alimov A, Sundelin B, Bergerheim U, Pavlenko M, Pisa P, Zetterberg A, **LARSSON C^{Corr}**, Lagercrantz S: Molecular cytogenetic characterization shows higher genetic homogeneity in conventional renal cell carcinoma compared to other kidney cancers.
International Journal of Oncology 25(4):955-960, 2004. PMID: 15375545
220. Thelander EF, Walsh SH, Thorsélius M, Laurell A, Landgren O, **LARSSON C**, Rosenquist R, Lagercrantz S: Mantle cell lymphomas with clonal immunoglobulin

- V(H)3-21 gene rearrangements exhibit fewer genomic imbalances than mantle cell lymphomas utilizing other immunoglobulin V(H) genes.
Modern Pathology 18(3):331-339, 2005. PMID: 15257315
221. Foukakis T, Thoppe SR, Lagercrantz S, Dwight T, Weng W-H, Svensson A, Höög A, Zedenius J, Wallin G, Lui W-O, **LARSSON C**: Molecular cytogenetic characterization of primary cultures and established cell lines from non-medullary thyroid tumors.
International Journal of Oncology 26(1):141-149, 2005. PMID: 15586234
222. Weng W-H, Lerner M, Grandér D, Åhlen J, Villablanca A, Pang S-T, Wejde J, Lui W-O, **LARSSON C**: Loss of chromosome 13q is a frequently acquired event in genetic progression of soft tissue sarcomas in the abdominal cavity.
International Journal of Oncology 26(1):5-16, 2005. PMID: 15586219
- * 223. Lui W-O, Foukakis T, Lidén J, Thoppe SR, Dwight T, Höög A, Zedenius J, Wallin G, Reimers G, and **LARSSON C**: Expression profiling reveals a distinct transcription signature in follicular thyroid carcinomas with a *PAX8-PPAR(gamma)* fusion oncogene.
Oncogene 24(8): 1467-1476, 2005. C : 50 PMID: 15608688
- * 224 Åhlén J, Wejde J, Brosjö O, von Rosen A, Weng W-H, Girmity L, **LARSSON O**, **LARSSON C**: Insulin-like growth factor type 1 receptor expression correlates to good prognosis in highly malignant soft tissue sarcoma.
Clinical Cancer Research 11(1):206-216, 2005. C: 55 PMID: 15671548
225. Forsberg L, Björck E, Hashemi J, Zedenius J, Höög A, Farnebo L-O, Reimers M, **LARSSON C**: Distinction in gene expression profiles demonstrated in parathyroid adenomas by high-density oligoarray technology.
European Journal of Endocrinology 152(3):459-470, 2005. PMID: 15757864
226. Geli J, Nord B, Frisk T, Edström Elder E, Ekström TJ, Carling T, Bäckdahl M, **LARSSON C**: Deletions and altered expression of the RIZ1 tumour suppressor gene in 1p36 in pheochromocytomas and abdominal paragangliomas.
International Journal of Oncology 26(5):1385-1391, 2005. PMID: 15809732
227. Chang CT and Weng W-H, Chou A S, Chuang CK, Porwit-McDonald A, Pang S-T, **LARSSON C**, Liao SK: Immunophenotypic and cytogenetic features of the cell-line UP-LN1 established from a lymph node metastasis of a poorly-differentiated carcinoma.
Anticancer Research 25(2A):683-692, 2005. PMID: 15868897
- * 228 Mansouri M, Marklund L, Gustavsson P, Davey E, Carlsson B, **LARSSON C**, White I, Gustavsson KH, Dahl N: Loss of ZDHHC15 expression in a woman with a balanced translocation t(X;15)(q13.3;cen) and severe mental retardation.
European Journal of Human Genetics 13(8):970-977, 2005. C: 92 PMID: 15915161

229. Elgadi A, Frisk T, **LARSSON C**, Wallin G, Höög A, Zedenius J, and Norgren S: Lack of mutations in the TSHr and Gsalpha genes in TSHr antibody negative Graves' disease. *Experimental and Clinical Endocrinology and Diabetes* 113(9):516-521, 2005. PMID: 16235153
- * 230 Weng W-H, Åhlén J, Åström K, Lui W-O, **LARSSON C**: Prognostic impact of immunohistochemical expression of ezrin in highly malignant soft tissue sarcomas. *Clinical Cancer Research* 11(17):6198-6204, 2005. C: 98 PMID: 16144921
231. Peyrard-Janvid M, Pegelow M, Koillinen H, **LARSSON C**, Fransson I, Rautio J, hukki J, Larson O, Karsten AL, Kere J: Novel and de novo mutations of the IRF6 gene detected in patients with Van der Woude or popliteal pterygium syndrome. *European Journal of Human Genetics* 13(12):1261-1267, 2005. PMID: 16160700
232. Jarbo C, Buckley PG, Piotrowski A, Mantripragada KK, Benetkiewicz M, Diaz de Ståhl T, Langford CF, Gregory SG, dralle H, Gimm O, Bäckdahl M, Geli J, **LARSSON C**, Westin G, Åkerström G, Dumanski JP: Detailed assessment of chromosome 22 aberrations in sporadic pheochromocytoma using array-CGH. *International Journal of Cancer* 118(5):1159-1164, 2006 PMID: 16161042
233. Aldred MJ, Talacko AA, Savarirayan R, Murdolo V, Mills AE, Radden BG, Alimov A, Villablanca A, **LARSSON C**: Dental findings in a family with hyperparathyroidism-jaw tumour syndrome and a novel *HRPT2* gene mutation. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology* 101(2):212-218, 2006. DOI:10.1016/j.tripleo.2005.06.01
234. Pang S-T and Weng W-H, Flores-Morales A, Johansson B, Pourian MR, Nilsson P, Pousette Å, **LARSSON C**, Norstedt G. Cytogenetic and expression profiles associated with transformation to androgen-resistant prostate cancer. *Prostate* 66(2):157-172, 2006. PMID: 16173030
235. Vasilcanu D, Weng W-H, Girnita A, Lui W-O, Vasilcanu R, Axelson M, **LARSSON O**, **LARSSON C**, Girnita L: The insulin-like growth factor-1 receptor inhibitor PPP produces only very limited resistance in tumor cells exposed to long-term selection. *Oncogene* 25(22):3186-3195, 2006. PMID: 16407828
236. Foukakis T, Au AY, Wallin G, Geli J, Forsberg L, Clifton-Bligh R, Robinson BG, Lui W-O, Zedenius J, **LARSSON C**: The Ras effector NRE1A is suppressed in follicular thyroid carcinomas with a PAX8-PPARgamma fusion. *Journal of Clinical Endocrinology and Metabolism* 91(3):1143-1149, 2006. PMID: 16352687
237. Kjellman P, Zedenius J, Lundell G, Bäckdahl M, Farnebo L-O, Hamberger B, **LARSSON C**, Wallin G: Predictors of outcome in patients with papillary thyroid carcinoma. *European Journal of Surgery* 32(3):345-352, 2006. PMID: 16459050

238. Fryknäs M, Wickenborg-Bolin U, Göransson H, Gustafsson MG, Foukakis T, Lee J-J, Landegren U, Höög A, **LARSSON C**, Grimelius L, Wallin G, Pettersson U, Isaksson A: Molecular markers for discrimination of benign and malignant follicular thyroid tumors. *Tumour Biology*. 27(4):211-220, 2006. PMID: 16675914
239. Szeles A, Joussineau S, Lewensohn R, Lagercrantz S, **LARSSON C**: Evaluation of spectral karyotyping (SKY) in biodosimetry for the triage situation following gamma irradiation. *International Journal of Radiation Biology* 82(2):87-96, 2006. PMID: 16546907
- * 240 Juhlin C, **LARSSON C**^{Corr}, Yakoleva T, Leibiger I, Leibiger B, Alimov A, Weber G, Höög A, Villablanca A: Loss of parafibromin expression in a subset of parathyroid adenomas” *Endocrine-Related Cancer* 13(2):509-523, 2006. C: 78 PMID: 16728578
241. Zhao C, Lu SS, Zhou XL, Zhang XM, Zhao KX^{Corr}, **LARSSON C**^{Corr}: A novel locus (RP33) for autosomal dominant retinitis pigmentosa mapping to chromosomal region 2cen-q12.1. *Human Genetics* 119(6):617-623, 2006. **PMID: 16612614**
242. Takagi J, Otake K, Morishita M, Kato H, Nakao N, Yoshikawa K, Ikeda H, Hirooka Y, Hattori Y, **LARSSON C**, Nogimori T: Multiple endocrine neoplasia type I and Cushing's syndrome due to an aggressive ACTH producing thymic carcinoid. *Internal Medicine* 45(2):81-86, 2006. PMID: 16484744
- * 243 Karimi M, Johansson S, Stach D, Corcoran M, Grandér D, Schalling M, Bakalkin G, Lyko F, **LARSSON C**, Ekström TJ: LUMA (LUMinometric Methylation Assay)--a high throughput method to the analysis of genomic DNA methylation. *Experimental Cell Research* 312(11):1989-1995, 2006. C: 232 PMID: 16624287
244. Weng W-H, Claviez A, Krams M, Hashemi J, **LARSSON O**, **LARSSON C**^{Corr}, Suttorp M: A 10-year old girl with bifocal synovial sarcoma. *Lancet Oncology* 7(7):605-607, 2006. PMID: 16814213
245. Forsberg L, **LARSSON C**^{Corr}, Sofiadis A, Lewensohn R, Höög A, Lehtiö J: Pre-fractionation of archival frozen tumours for proteomics applications. *Journal of Biotechnology* 126(4):582-586, 2006. PMID: 16956687
246. Andersson S, Wallin K-L, Hellström A-C, Morrisson LE, Hjerpe A, Auer G, Ried T, **LARSSON C**^{Corr}, Heselmeyer-Haddad K: Frequent gain of the human telomerase gene TERC at 3q26 in cervical adenocarcinomas. *British Journal of Cancer* 95(3):331-338, 2006. PMID: 16847471
247. Lee JJ, **LARSSON C**^{Corr}, Lui WO, Höög A, von Euler H: A dog pedigree with familial medullary thyroid cancer. *International Journal of Oncology* 29(5):1173-1182, 2006. PMID: 17016649

248. Berglund M, Enblad G, Thunberg U, Amini R-M, Sundström C, Roos G, Erlanson M, Rosenquist R, **LARSSON C**, Lagercrantz S: Genomic imbalances during transformation from follicular lymphoma to diffuse large B-cell lymphoma. *Modern Pathology* 20(1):63-75, 2007. PMID: 17170743
249. Flordal-Thelander E, Ichimura K, Collins VP, Walsch SH, Barbany G, Hagberg A, Laurell A, Rosenquist R, **LARSSON C**, Lagercrantz S: Detailed assessment of copy number alterations revealing homozygous deletions in 1p and 13q in mantle cell lymphoma. *Leukemia Research* 31(9):1219-1230, 2007. PMID: 17161458
250. Geli J, Kiss N, Lanner F, Foukakis T, Natalishvili N, **LARSSON O**, Kogner P, Höög A, Clark GJ, Ekström TJ, Bäckdahl M, Farnebo F, **LARSSON C**: The Ras effectors NORE1A and RASSF1A are frequently inactivated in pheochromocytoma and abdominal paraganglioma. *Endocrine-Related Cancer* 14(1): 125-134, 2007. PMID: 17395981
251. Lee J-J, Foukakis T, Hashemi J, Grimelius L, Heldin N-E, Wallin G, Rudduck C, Lui W-O, Höög A, **LARSSON C**: Molecular cytogenetic profiles of novel and established human anaplastic thyroid carcinoma models. *Thyroid* 17(4):289-230, 2007. PMID: 17465858
- * 252 Juhlin CC, Villablanca A, Sandelin K, Haglund F, Nordenström J, Forsberg L, Bränström R, Obara T, Arnold A, **LARSSON C**, Höög A: Parafibromin immunoreactivity: its use as an additional diagnostic marker for parathyroid tumor classification. *Endocrine-Related Cancer* 14(2): 501-512, 2007. C: 90 PMID: 17639063
253. Lu S, Zhao C, Jiao H, Kere J, Tang X, Zhao F, Zhang X, Zhao K, **LARSSON C**: Two Chinese families with pulverulent congenital cataracts and $\Delta G91$ CRYBA1 mutations. *Molecular Vision* 13: 1154-1160, 2007. PMID: 17653060
254. Foukakis T, Gusnanto A, Au AY, Höög A, Lui W-O, **LARSSON C**, Wallin G, Zedenius J: A PCR-based expression signature of malignancy in follicular thyroid tumors. *Endocrine Related Cancer* 14(2):381-391, 2007. PMID: 17639052
255. Pegelow M, Peyrard-Janvid M, Zucchelli M, Fransson I, Larson O, Kere J, **LARSSON C**, Karsten A: Familial non-syndromic cleft lip and palate- analysis of the *IRF6* gene and clinical phenotype. *European Journal of Orthodontics* 30(2):169-175, 2008. PMID: 18209213
256. Thelander EF, Ichimura K, Corcoran M, Barbany G, Nordgren A, Heyman M, Berglund M, Mungall A, Rosenquist R, Collins VP, Grandér D, **LARSSON C**, Lagercrantz S: Characterization of 6q deletions in mature B-cell lymphomas and childhood acute lymphoblastic leukemia: *Leukemia & Lymphoma* 49(3):477-487, 2008. PMID: 18297524

257. Ulivieri A, Lavra L, Dominici R, Giacomelli L, Brunetti E, Sciacca L, Trovato M, Barresi G, Foukakis T, Jia-Jing L, **LARSSON C**, Bartolazzi A, Sciacchitano S: Frizzled-1 is down-regulated in follicular thyroid tumours and modulates growth and invasiveness. *Journal of Pathology* 215(1):87-96, 2008. PMID: 18306168
258. Lu S, Zhao C, Zhao K, Li N, **LARSSON C**: Novel and recurrent KIF21A mutations in congenital fibrosis of the extraocular muscles type 1 and 3. *Archives of Ophthalmology (JAMA Ophthalmology)* 126(3):388-394, 2008. PMID: 18332320
259. Geli J, Kogner P, Lanner F, Natalishvili N, Juhlin C, Kiss N, Clark GJ, Ekström TJ, Farnebo F, **LARSSON C**: Assessment of NORE1A as a putative tumor suppressor in human neuroblastoma. *International Journal of Cancer* 123(2):389-394, 2008. PMID:18452173
260. Geli J, Kiss N, Karimi M, Lee JJ, Bäckdahl M, Ekström TJ, **LARSSON C**: Global and regional CpG methylation in pheochromocytomas and abdominal paragangliomas: association to malignant behavior. *Clinical Cancer Research* 14(9):2551-2559, 2008. PMID: 18451216
261. Lu M, Forsberg L, Höög A, Juhlin CC, Vukojević V, **LARSSON C**, Conigrave AD, Delbridge LW, Gill A, Bark C, Farnebo LO, Bränström R: Heterogeneous expression of SNARE proteins SNAP-23, SNAP-25, Syntaxin1 and VAMP in human parathyroid tissue. *Molecular and Cellular Endocrinology* 287(1-2):72-80, 2008. PMID: 18457912
262. Kiss NB, Geli J, Lundberg F, Avci C, Velazquez-Fernandez D, Hashemi J, Weber G, Höög A, Ekström TJ, Bäckdahl M, **LARSSON C**: Methylation of the p16INK4A promoter is associated with malignant behavior in abdominal extra- adrenal paragangliomas but not pheochromocytomas. *Endocrine-Related Cancer* 15(2): 609-621, 2008. PMID: 18509008
- * 263 Daneshmanesh AH, Mikaelsson E, Jeddi-Tehrani M, Bayat AA, Ghods R, Ostadkarampour M, Akhondi M, Lagercrantz S, **LARSSON C**, Osterborg A, Shokri F, Mellstedt H, Rabbani H: Ror1, a cell surface receptor tyrosine kinase is expressed in chronic lymphocytic leukemia and may serve as a putative target for therapy. *International Journal of Cancer* 123(5):1190-1195, 2008. PMID: 18546292
C: 151
264. Lee JJ, Au AY, Foukakis T, Barbaro M, Kiss N, Clifton-Bligh R, Staaf J, Borg A, Delbridge L, Robinson BG, Wallin G, Höög A, **LARSSON C**: Array-CGH identifies *Cyclin D1* and *UBCH10* amplicons in anaplastic thyroid carcinoma. *Endocrine-Related Cancer* 15(3):801-815, 2008. PMID: 18753363

265. Lee JJ, Geli J, **LARSSON C**, Wallin G, Karimi M, Zedenius J, Höög A, Foukakis T.: Gene-specific promoter hypermethylation without global hypomethylation in follicular thyroid cancer. *International Journal of Oncology* 33(4): 861-870, 2008.
PMID: 18813801
- * 266. Lui WO, Zeng L, Rehrmann V, Deshpande S, Tretiakova M, Kaplan EL, Leibiger I, Leibiger B, Enberg U, Höög A, **LARSSON C**, Kroll TG: CREB3L2-PPARgamma fusion mutation identifies a thyroid signaling pathway regulated by intramembrane proteolysis. *Cancer Research* 68 (17): 7156-7164, 2008. C: 60 PMID: 18757431
267. Andersson S, Sowjanya P, Wangsa D, Hjerpe A, Johansson B, Auer G, Gravitt PE, **LARSSON C**, Wallin KL, Ried T, Heselmeyer-Haddad K: Detection of genomic amplification of the human telomerase gene TERC, a potential marker for triage of women with HPV-positive, abnormal Pap smears. *American Journal of Pathology* 175(5):1831-47, 2009 PMID: 19880826
- * 268 Juhlin CC, Haglund F, Villablanca A, Forsberg L, Sandelin K, Bränström R, **LARSSON C^{Corr}**, Höög A: Loss of expression for the Wnt pathway components adenomatous polyposis coli and glycogen synthase kinase 3-beta in parathyroid carcinomas. *International Journal of Oncology* 34(2):481-492, 2009
C: 54 PMID: 19148484
269. Fotoohi AK, Assaraf YG, Moshfegh A, Hashemi J, Jansen G, Peters GJ, **LARSSON C**, Albertioni F: Gene expression profiling of leukemia T-cells resistant to methotrexate and 7-hydroxymethotrexate reveals alterations that preserve intracellular levels of folate and nucleotide biosynthesis. *Biochemical Pharmacology* 77(8): 1410-1470, 2009 PMID: 19426680
270. Vierimaa O, Villablanca A, Alimov A, Georgitsi M, Raitila A, Vahteristo P, **LARSSON C**, Ruokonen A, Eloranta E, Ebeling TM, Ignatius J, Aaltonen LA, Leisti J, Salmela PI: Mutation analysis of MEN1, HRPT2, CASR, CDKN1B and AIP genes in primary hyperparathyroidism patients with features of genetic predisposition. *Journal of Endocrinological Investigation* 32(6):512-518, 2009. PMID: 19474519
- * 271 Laurell C, Velázquez-Fernández D, Lindsten K, Juhlin C, Enberg U, Geli J, Höög A, Kjellman M, Lundeberg J, Hamberger B, **LARSSON C**, Nilsson P, Bäckdahl M: Transcriptional profiling enables molecular classification of adrenocortical tumors. *European Journal of Endocrinology* 161(1):141-152, 2009.
C: 59 PMID: 19411298
272. Sofiadis A, Tani E, Foukakis T, Kjellman P, Skoog L, Höög A, Wallin G, Zedenius J, **LARSSON C**: Diagnostic and prognostic potential of MIB-1 proliferation index in thyroid fine needle aspiration biopsy. *International Journal of Oncology* 35(2):369-374 2009. PMID: 19578751

- * 273 Zhao C, Bellur DL, Lu S, Zhao F, Grassi MA, Bowne SJ, Sullivan LS, Daiger SP, Chen LJ, Pang CP, Zhao K, Staley JP, **LARSSON C**: Autosomal-dominant retinitis pigmentosa caused by a mutation in *SNRNP200*, a gene required for unwinding of U4/U6 snRNAs. *American Journal of Human Genetics* 85(5):617-627, 2009. C: 130 PMID: 19878916
- * 274. Juhlin CC, Kiss NB, Villablanca A, Haglund F, Nordenström J, Höög A, **LARSSON C**: Frequent promoter hypermethylation of *APC* and *RASSF1A* tumor suppressors in parathyroid tumours. *PLoS One* 5(3): e9472, 2010. C: 50 PMID: 20208994
- * 275 Caramuta S, Egyházi S, Rodolfo M, Witten D, Hansson J, **LARSSON C**, Lui WO: MicroRNA expression profiles associated with mutational status and survival in malignant melanoma. *Journal of Investigative Dermatology* 130(8):2062-2070, 2010. C : 200 PMID: 20357817
276. Lu M, Bränström R, Berglund E, Höög A, Björklund P, Westin G, **LARSSON C**, Farnebo LO, Forsberg L: Expression and association of TRPC subtypes with Orai1 and STIM1 in human parathyroid. *Journal of Molecular Endocrinology* 44(5): 285-294, 2010 PMID: 20194530
277. Sandgren J, Diaz de Ståhl T, Andersson R, Menzel U, Piotrowski A, Nord H, Bäckdahl M, Kiss NB, Brauckhoff M, Komorowski J, Dralle H, Hessman O, **LARSSON C**, Akerström G, Bruder C, Dumanski JP, Westin G: Recurrent genomic alterations in benign and malignant pheochromocytomas and paragangliomas revealed by whole-genome array comparative genomic hybridization analysis. *Endocrine-Related Cancer* 17(3):561-579, 2010. PMID: 20410162
- * 278. Juhlin CC, Nilsson IL, Johansson K, Haglund F, Villablanca A, Höög A, **LARSSON C**: Parafibromin and APC as screening markers for malignant potential in atypical parathyroid adenomas. *Endocrine Pathology* 21(3):166-177, 2010. C: 54 PMID: 20473645
279. Sofiadis A, Dinets A, Orre LM, Branca RM, Juhlin CC, Foukakis T, Wallin G, Höög A, Hulchiy M, Zedenius J, **LARSSON C**, Lehtiö J: Proteomic study of thyroid tumors reveals frequent up-regulation of the Ca²⁺-binding protein S100A6 in papillary thyroid carcinoma. *Thyroid* 20(10):1067-1076, 2010. PMID: 20629554
280. Haglund F, Andreasson A, Nilsson IL, Höög A, **LARSSON C**^{Corr}, Juhlin CC: Lack of S37A CTNNB1/ β -catenin mutations in a Swedish cohort of 98 parathyroid adenomas. *Clinical Endocrinology (Oxf)* 73(4):552-553, 2010. PMID: 20550535
281. Geli J, Kiss N, Kogner P, **LARSSON C**: Suppression of RIZ in biologically unfavourable neuroblastomas.

- International Journal of Oncology* 37(5):1323-1330, 2010. PMID: 20878080
282. Lu M, Berglund E, **LARSSON C**, Höög A, Farnebo LO, Bränström R: Calmodulin and calmodulin-dependent protein kinase II inhibit hormone secretion in human parathyroid adenoma.
Journal of Endocrinology 208(1):31-39, 2011. PMID: 20974637
283. Juhlin CC, Haglund F, Obara T, Arnold A, **LARSSON C**, Höög A: Absence of nucleolar parafibromin immunoreactivity in subsets of parathyroid malignant tumors.
Virchows Archive 459(1):47-53, 2011. PMID: 21221636
284. Hashemi J, Worrall C, Vasilcanu D, Fryknäs M, Sulaiman L, Karimi M, Weng WH, Lui WO, Rudduck C, Axelson M, Jernberg-Wiklund H, Girnita L, **LARSSON O**, **LARSSON C**: Molecular characterization of acquired tolerance of tumor cells to picropodophyllin (PPP). *PLoS One* 6(3): E14757, 2011 PMID: 21423728
285. Karim H, Hashemi J, **LARSSON C**, Moshfegh A, Fotoohi AK, Albertioni F: The pattern of gene expression and gene dose profiles of 6-mercaptopurine- and 6-thioguanine-resistant human leukemia cells.
Biochem Biophys Res Commun 411(1):156-161, 2011. PMID: 21723252
286. Marino AM, Sofiadis A, Barayawno N, Johnsen JI, **LARSSON C**, Vukojević V, Ekström TJ: Enhanced effects by 4-phenylbutyrate in combination with RTK inhibitors on proliferation in brain tumor cell models.
Biochem Biophys Res Commun 411(1):208-212, 2011. PMID: 21726539
- * 287 Özata DM, Caramuta S, Velázquez-Fernández D, Akçakaya P, Xie H, Höög A, Zedenius J, Bäckdahl M, **LARSSON C**, Lui WO: The role of miRNA deregulation in the pathogenesis of adrenocortical carcinoma.
Endocrine-Related Cancer 18(6):643-655, 2011. C: 164 PMID: 21859927
288. Rüegg J, Cai W, Karimi M, Kiss NB, Swedenborg E, **LARSSON C**, Ekström TJ, Pongratz I: Epigenetic regulation of glucose transporter 4 by estrogen receptor β .
Molecular Endocrinol 25(12):2017-2028, 2011. PMID: 22016564
289. Sofiadis A, Becker S, Hellman U, Hultin-Rosenberg L, Dinets A, Hulchiy M, Zedenius J, Wallin G, Foukakis T, Höög A, Auer G, Lehtiö J, **LARSSON C**: Proteomic profiling of follicular and papillary thyroid tumors.
European Journal of Endocrinology 166(4):657-667, 2012. PMID: 22275472
290. Andreasson A, Sulaiman L, do Vale S, Martins JM, Ferreira F, Miltenberger-Miltenyi G, Batista L, Haglund F, Björck E, Nilsson IL, Höög A, **LARSSON C**, Juhlin CC: Molecular characterization of parathyroid tumors from two patients with hereditary colorectal cancer syndromes. *Familial Cancer* 11(3): 355-362, 2012. PMID: 22395475
291. Sulaiman L, Nilsson IL, Juhlin CC, Haglund F, Höög A, **LARSSON C^{Corr}**, Hashemi J: Genetic characterization of large parathyroid adenomas.

- Endocrine-Related Cancer* 19(3):389-407, 2012. PMID: 22454399
292. Dinets A^{Corr}, Hulchiy M, Sofiadis A, Ghaderi M, Höög A, **LARSSON C^{Corr}**, Zedenius J: Clinical, genetic and immunohistochemical characterization of 70 Ukrainian adult cases with post-Chornobyl papillary thyroid carcinoma. *European Journal of Endocrinology* 166(6):1049-60, 2012. PMID: 22457234
293. Haglund F, Lu M, Vukojević V, Nilsson IL, Andreasson A, Džabić M, Bränström R, Höög A, Juhlin CC, **LARSSON C**: Prolactin receptor in primary hyperparathyroidism – expression, functionality and clinical correlations. *PLoS One* 7(5):e36448, 2012. PMID: 22606260
294. Åhlén J, Westerdahl J, Zedenius J, Bränström R, **LARSSON C**, Nilsson I-L: Side-effects during imatinib treatment of advanced GIST – associated with a better outcome. *Journal of Cancer Therapeutics and Research* 1:11, 2012. <http://dx.doi.org/10.7243/2049-7962-1-11>
295. Segerhammar I, **LARSSON C**, Nilsson IL, Bäckdahl M, Höög A, Wallin G, Foukakis T, Zedenius J: Anaplastic carcinoma of the thyroid gland: treatment and outcome over 13 years at one institution. *Journal of Surgical Oncology* 106(8):981-986, 2012. PMID: 22674491
296. Kiss NB, Kogner P, Johnsen JI, Martinsson T, **LARSSON C^{Corr}**, Geli J: Global and gene-specific promoter methylation in relation to biological properties of neuroblastomas. *BMC Medical Genetics* 13:83, 2012. PMID: 22984959
297. Akhtar M, Holmgren C, Göndör A, Vesterlund M, Kanduri C, **LARSSON C**, Ekström TJ: Cell type and context-specific function of PLAG1 for *IGF2* P3 promoter activity. *International Journal of Oncology* 41(6):1959-1966, 2012. PMID: 23023303
298. Sulaiman L^{Corr}, Haglund F, Hashemi J, Obara T, Nordenström J, **LARSSON C^{Corr}**, Juhlin CC: Genome-wide and locus specific alterations in *CDC73/HRPT2* mutated parathyroid tumors. *PLoS One* 7(9): e46325, 2012. PMID: 23029479
299. Haglund F, Ma R, Huss M, Sulaiman L, Lu M, Nilsson IL, Höög A, Juhlin CC, Hartman J, **LARSSON C**: Evidence of a functional estrogen receptor in parathyroid adenomas. *Journal of Clinical Endocrinology and Metabolism* 97(12): 4631-4639, 2012. PMID: 23024189
- * 300 Xie H, Zhao Y, Caramuta S, **LARSSON C**, Lui WO: *miR-205* expression promotes cell proliferation and migration of human cervical cancer cells. *PLoS One* 7(10):e46990, 2012. C: 94 PMID: 23056551

- * 301 Welander J, **LARSSON C**, Bäckdahl M, Hareni N, Sivlér T, Brauckhoff M, Söderkvist P, Gimm O: Integrative genomics reveals frequent somatic *NF1* mutations in sporadic pheochromocytomas.
Human Molecular Genetics 21(26):5406-5416, 2012. C: 83 PMID: 23010473
302. Kiss NB, Muth A, Andreasson A, Juhlin CC, Geli J, Bäckdahl M, Höög A, Wängberg B, Nilsson O, Ahlman H, **LARSSON C**: Acquired hypermethylation of the P16INK4A promoter in abdominal paraganglioma: relation to adverse tumor phenotype and predisposing mutation.
Endocrine-Related Cancer 20(1):65-78, 2013. PMID: 23154831
303. Berglund E, Berglund D, Akcakaya P, Ghaderi M, Daré E, Berggren PO, Köhler M, Aspinwall CA, Lui WO, Zedenius J, **LARSSON C**, Bränström R: Evidence for Ca(2+)-regulated ATP release in gastrointestinal stromal tumors.
Experimental Cell Research 319(8):1229-1238, 2013. PMID: 23499741
304. Sulaiman L^{Corr}, Juhlin CC, Nilsson IL, Fotouhi O, **LARSSON C**^{Corr}, Hashemi J: Global and gene-specific promoter methylation analysis in primary hyperparathyroidism.
Epigenetics 8(6): 645-655, 2013. PMID: 23764768
- * 305. Caramuta S, Lee L, Ozata DM, Akçakaya P, Xie H, Höög A, Zedenius J, Bäckdahl M, **LARSSON C**, Lui WO: Clinical and functional impact of TARBP2 over-expression in adrenocortical carcinoma.
Endocrine-Related Cancer 20(4): 551-564, 2013. C: 51 PMID: 23671264
306. Lu M, Farnebo LO, Bränström R, **LARSSON C**: Inhibition of parathyroid hormone secretion by caffeine in human parathyroid cells.
Journal of Clinical Endocrinology and Metabolism 98(8):E1345-1351, 2013. PMID: 23788688
- * 307. Caramuta S, Lee LK, Özata D, Akçakaya P, Georgii-Hemming P, Xie H, Amini RM, Lawrie CH, Enblad G, **LARSSON C**, Berglund M, Lui WO: Role of microRNAs and microRNA machinery in the pathogenesis of diffuse large B-cell lymphoma.
Blood Cancer Journal 3(10):e152, 2013. C: 52 PMID: 24121164
308. Andreasson A, Kiss NB, Caramuta S, Sulaiman L, Svahn F, Bäckdahl M, Höög A, Juhlin CC, **LARSSON C**: The *VHL* gene is epigenetically inactivated in pheochromocytomas and abdominal paragangliomas
Epigenetics 8(12): 1347-1354, 2013. PMID: 24149047
309. Hashemi J, Fotouhi O, Sulaiman L, Kjellman M, Höög A, Zedenius J, **LARSSON C**: Copy number alterations in small intestinal neuroendocrine tumors determined by array comparative genomic hybridization. *BMC Cancer* 13: 505, 2013. PMID: 24165089

310. Kugelberg J, Welander J, Schiavi F, Fassina A, Bäckdahl M, **LARSSON C**, Opocher G, Söderkvist P, Dahia PL, Neumann HP, Gimm O: Role of *SDHAF2* and *SDHD* in von Hippel-Lindau associated pheochromocytomas. *World Journal of Surgery* 38(3):724-732, 2014. PMID: 24322175
- * 311 Xie H, Lee L, Caramuta S, Höög A, Browaldh N, Björnhagen V, **LARSSON C**, Lui WO: MicroRNA expression patterns related to Merkel cell polyomavirus infection in human Merkel cell carcinoma. *Journal of Investigative Dermatology* 134(2):507-517, 2014. C: 61 PMID: 23962809
312. Velázquez-Fernández D, Caramuta S, Özata DM, Lu M, Höög A, Bäckdahl M, **LARSSON C**, Lui WO, Zedenius J: MicroRNA expression patterns associated with hyperfunctioning and non-hyperfunctioning phenotypes in adrenocortical adenomas. *European Journal of Endocrinology* 170(4):583-591, 2014. PMID: 24446485
- * 313 Welander J^{Corr}, Andreasson A, Juhlin CC, Wiseman RW, Bäckdahl M, Höög A, **LARSSON C**^{Corr}, Gimm O, Söderkvist P: Rare germline mutations identified by targeted next-generation sequencing of susceptibility genes in pheochromocytoma and paraganglioma. *Journal of Clinical Endocrinology and Metabolism* 99(7):E1352-1360, 2014. C: 137 PMID: 24694336
- * 314 Welander J, Andreasson A, Brauckhoff M, Bäckdahl M, **LARSSON C**, Gimm O, Söderkvist P: Frequent EPAS1/HIF2 α exons 9 and 12 mutations in non-familial pheochromocytoma. *Endocrine-Related Cancer* 21(3):495-504, 2014. C: 67 PMID: 24741025
- * 315 Liu T, Wang N, Cao J, Sofiadis A, Dinets A, Zedenius J, **LARSSON C**^{Corr}, Xu D^{Corr}: The age- and shorter telomere-dependent TERT promoter mutation in follicular thyroid cell-derived carcinomas. *Oncogene* 33(42):4978-4984, 2014. C: 196 PMID: 24141777
316. Berglund E, Ubhayasekera SJ, Karlsson F, Akcakaya P, Aluthgedara W, Ahlen J, Fröbom R, Nilsson IL, Lui WO, **LARSSON C**, Zedenius J, Bergquist J, Bränström R: Intracellular concentration of the tyrosine kinase inhibitor imatinib in gastrointestinal stromal tumor cells. *Anticancer Drugs* 25(4):415-422, 2014. PMID: 24361761
- * 317 Liu T, Brown TC, Juhlin CC, Andreasson A, Wang N, Bäckdahl M, Healy JM, Prasad ML, Korah R, Carling T, Xu D, **LARSSON C**: The activating *TERT* promoter mutation C228T is recurrent in subsets of adrenal tumors. *Endocrine-Related Cancer* 21(3):427-434, 2014. C: 73 PMID: 24803525
- * 318 Wang N, Liu T, Sofiadis A, Juhlin CC, Zedenius J, Höög A, **LARSSON C**^{Corr}, Xu D^{Corr}: *TERT* promoter mutation as an early genetic event activating telomerase in follicular thyroid adenoma (FTA) and atypical FTA. *Cancer* 120(19):2965-2979, 2014. C: 96 PMID: 24898513

319. Kwiecinska A, Ichimura K, Berglund M, Dinets A, Sulaiman L, Collins VP, **LARSSON C**, Porwit A, Lagercrantz SB: Amplification of 2p as a genomic marker for transformation in lymphoma. *Genes Chromosomes Cancer* 53(9):750-68, 2014. PMID: 24832791
320. Wang N, Xu D, Sofiadis A, Höög A, Vukojević V, Bäckdahl M, Zedenius J, **LARSSON C**: Telomerase-dependent and independent telomere maintenance and its clinical implications in medullary thyroid carcinoma. *Journal of Clinical Endocrinology and Metabolism* 99(8):E1571-1579, 2014. PMID: 24758186
321. Fotouhi O, Adel Fahmideh M, Kjellman M, Sulaiman L, Höög A, Zedenius J, Hashemi J, **LARSSON C**: Global hypomethylation and promoter methylation in small intestinal neuroendocrine tumors: An *in vivo* and *in vitro* study. *Epigenetics* 9(7): 987-997, 2014. PMID: 24762809
322. Berglund E, Akcakaya P, Berglund D, Karlsson F, Vukojević V, Lee L, Bogdanović D, Lui WO, **LARSSON C**, Zedenius J, Fröbom R, Bränström R: Functional role of the Ca²⁺-activated Cl⁻ channel DOG1/TMEM16A in gastrointestinal stromal tumor cells. *Experimental Cell Research* 326(2):315-325, 2014. PMID: 24825187
- * 323. Wennerberg E, Pfefferle A, Ekblad L, Yoshimoto Y, Kremer V, Kaminsky VO, Juhlin CC, Höög A, Bodin I, Svjataha V, **LARSSON C**, Zedenius J, Wennerberg J, Lundqvist A: Human anaplastic thyroid carcinoma cells are sensitive to NK cell-mediated lysis via ULBP2/5/6 and chemoattract NK cells. *Clinical Cancer Research* 20(22):5733-5744, 2014. C : 52 PMID: 25212604
324. Xie H, Liu T, Wang N, Björnhagen V, Höög A, **LARSSON C**, Lui WO, Xu D: *TERT* promoter mutations and gene amplification: promoting *TERT* expression in Merkel cell carcinoma. *Oncotarget* 5(20):10048-10057, 2014. PMID: 25301727
325. Akcakaya P, Caramuta S, Åhlén J, Ghaderi M, Berglund E, Östman A, Bränström R, **LARSSON C**, Lui WO: microRNA expression signatures of gastrointestinal stromal tumors: associations with imatinib resistance and patient outcome. *British Journal of Cancer* 111(11):2091-2102, 2014. PMID: 25349971
326. Xu LD, Muller S, Thoppe SR, Hellborg F, Kanter L, Lerner M, Zheng B, Lagercrantz SB, Grandér D, Wallin KL, Wiman KG, **LARSSON C**, Andersson S: Expression of the p53 target Wig-1 is associated with HPV status and patient survival in cervical carcinoma. *PLoS One* 9(11):e111125, 2014. PMID: 25379706
327. Xie H, Lee LK, Scicluna P, Kavak E, **LARSSON C**, Sandberg R, Lui WO. Novel functions and targets of miR-944 in human cervical cancer cells. *International Journal of Cancer* 136(5): E230-241, 2015. PMID: 25156441

- * 328 Juhlin CC, Goh G, Healy JM, Fonseca AL, Scholl UI, Stenman A, Kunstman JW, Brown TC, Overton JD, Mane SM, Nelson-Williams C, Bäckdahl M, Suttorp AC, Haase M, Choi M, Schlessinger J, Rimm DL, Höög A, Prasad ML, Korah R, **LARSSON C**, Lifton RP, Carling T: Whole-exome sequencing characterizes the landscape of somatic mutations and copy number alterations in adrenocortical carcinoma.
Journal of Clinical Endocrinology and Metabolism 100(3):E493-502, 2015.
C: 130 PMID: 25490274
- * 329 Kunstman JW, Juhlin CC, Goh G, Brown TC, Stenman A, Healy JM, Rubinstein JC, Choi M, Kiss N, Nelson-Williams C, Mane S, Rimm DL, Prasad ML, Höög A, Zedenius J, **LARSSON C**, Korah R, Lifton RP, Carling T: Characterization of the mutational landscape of anaplastic thyroid cancer via whole exome sequencing.
Human Molecular Genetics 24(8):2318-2329, 2015. C: 279 PMID: 25576899
330. Haglund F, Rosin G, Nilsson IL, Juhlin CC, Pernow Y, Norenstedt S, Dinets A, **LARSSON C**, Hartman J, Höög A: Tumour nuclear oestrogen receptor beta 1 correlates inversely with parathyroid tumor weight.
Endocrine Connections 4(1):76-85, 2015. PMID: 25648860
331. Haglund F, Juhlin CC, Brown T, Ghaderi M, Liu T, Stenman A, Dinets A, Prasad M, Korah R, Xu D, Carling T, **LARSSON C**: *TERT* promoter mutations are rare in parathyroid tumors.
Endocrine-Related Cancer 22(3):L9-L11, 2015. PMID: 25876648
332. Dinets A^{Corr}, Pernemalm M, Kjellin H, Sviatoha V, Sofiadis A, Juhlin CC, Zedenius J, **LARSSON C**^{Corr}, Lehtiö J, Höög A: Differential protein expression profiles of cyst fluid from papillary thyroid carcinoma and benign thyroid lesions.
Plos One 10(5):e0126472, 2015. PMID: 25978681
333. Berglund E, Daré E, Branca RM, Akcakaya P, Fröbom R, Berggren PO, Lui WO, **LARSSON C**, Zedenius J, Orre L, Lehtiö J, Kim J, Bränström R: Secretome protein signature of human gastrointestinal stromal tumor cells.
Experimental Cell Research 336(1): 158-170, 2015. PMID: 25983130
334. Stenman A, Welander J, Gustavsson I, Brunaud L, Bäckdahl M, Söderkvist P, Gimm O, Juhlin CC, **LARSSON C**: HRAS mutation prevalence and associated expression patterns in pheochromocytoma.
Genes Chromosomes Cancer 55(5): 452-459, 2016 PMID: 26773571
335. Wang N, Kjellin H, Sofiadis A, Fotouhi O, Juhlin CC, Bäckdahl M, Zedenius J, Xu D, Lehtiö J, **LARSSON C**: Genetic and epigenetic background and protein expression profiles in relation to telomerase activation in medullary thyroid carcinoma.
Oncotarget 7(16): 21332- 21346, 2016 PMID: 26870890

336. Stenson G, Nilsson IL, Mu N, **LARSSON C**, Lundgren CI, Juhlin CC, Höög A, Zedenius J: Minimally invasive follicular thyroid carcinomas: prognostic factors. *Endocrine* 53(2):505-511, 2016 PMID: 26858184
337. Haglund F, Juhlin CC, Kiss NB, **LARSSON C**, Nilsson I-L, HöögA: Diffuse parathyroid hormone expression in parathyroid tumors argues against important functional tumor subclones. *European Journal of Endocrinology* 174(5): 583-590, 2016 PMID: 26865585
338. Fotouhi O^{Corr}, Kjellin H, **LARSSON C**^{Corr}, Hashemi J, Barriuso J, Juhlin CC, Lu M, Höög A, Pastroán LG, Lamarca A, Soto VH, Zedenius J, Mendiola M, Lehtiö J, Kjellman M.: Proteomics suggests a role for APC-Survivin in response to somatostatin analog treatment of neuroendocrine tumors. *Journal of Clinical Endocrinology and Metabolism* 101(10):3616-3627, 2016 PMID: 27459532
339. Nolé P, Duijndam B, Stenman A, Juhlin CC, Kozyra M, **LARSSON C**, Ingelman-Sundberg M, Johansson I: Human cytochrome P450 2W1 is not expressed in adrenal 72 and is only rarely expressed in adrenocortical carcinomas. *PLOS ONE* 11(9):e0162379, 2016 PMID: 27598485
340. Liu J, Shi H, Li X, Chen G, **LARSSON C**, Lui WO: *MiR-223-3p* regulates cell growth and apoptosis via *FBXW7* suggesting an oncogenic role in human testicular germ cell tumors. *International Journal of Oncology* 50(2):356-364, 2017 PMID:28000896
341. Cheng JY, Brown TC, Murtha TD, Stenman A, Juhlin CC, **LARSSON C**, Healy JM, Prasad ML, Knoefel WT, Krieg A, Scholl UI, Korah R, Carling T: A novel FOXO1 mediated dedifferentiation-blocking role for DKK3 in adrenocortical carcinogenesis. *BMC Cancer* 17(1):164, 2017 PMID: 28249601
342. Murtha TD, Brown TC, Rubinstein JC, Haglund F, Juhlin CC, **LARSSON C**, Korah R, Carling T: Overexpression of cytochrome P450 2A6 in adrenocortical carcinoma *Surgery* 161(6):1667-1674, 2017 PMID:28073588
- * 343 Bausch B, Schiavi F, Ni Y, Welander J, Patocs A, Ngeow J, Wellner U, Malinoc A, TaschinE, Barbon G, Lanza V, Lanza V, Söderkvist P, Stenman A, **LARSSON C**, Svahn F, Chen J-L, Marquard J, Fraenkel M, Walter MA, Peczkowska M, Prelbisz A, Jarzab B, Petersenn S, Möller L, Meyer A, Reisch N, Trupka A, Brase C, Galiano M, Preuss SF, Kwok P, Lendvai N, Berisha G, Makay Ö, Boedeker CC, Weryha G, Racz K, Januszewicz A, Walz MK, Gimm O, Opocher G, Eng C, Neumann HPH, for the European-American-Pheochromocytoma-Paraganglioma-Registry Study Group: Systematic clinical characterization of "second-generation" pheochromocytoma and paraganglioma susceptibility genes – towards precision prevention. *JAMA Oncology* 3(9):1204-1212, 2017 C: 145 PMID: 28384794

- *344. Özata DM, Li X, Lee L, Warsito D, Hajeri P, Hultman I, Fotouhi O, Marklund S, Ährlund-Richter L, Juhlin C, **LARSSON C**, Lui WO: Loss of *miR-514a-3p* regulation of *PEG3* activates the NF-kappa B pathway in human testicular germ cell tumors. *Cell Death & Disease* 8(5):e2759, 2017 C : 51 PMID: 28471449
345. Xie H, Norman I, Hjerpe A, Vladic T, **LARSSON C**, Lui WO, Östensson E, Andersson S: Evaluation of *microRNA-205* expression as a potential triage marker for patients with low-grade squamous intraepithelial lesions. *Oncology Letters* 13(5):3586-3598, 2017 PMID: 28529583
346. Liu L, Liu C, Fotouhi O, Fan Y, Wang K, Xia C, Shi B, Zhang G, Wang K, Li B, Kong F, **LARSSON C**, Hu S, Xu D: *TERT* promoter methylation in gastrointestinal cancer: A potential stool biomarker. *Oncologist* 22(10):1178-1188, 2017 PMID: 28754720
347. Haglund F, Hallström BM, Nilsson IL, Höög A, Juhlin CC, **LARSSON C**: Inflammatory infiltrates in parathyroid tumors. *European Journal of Endocrinology* 177(6):445-453, 2017 PMID: 28855268
348. Chang RK, Li X, Mu N, Hrydziuszko O, Garcia-Majano B, **LARSSON C**, Lui W-O: MicroRNA expression profiles in non-epithelial ovarian tumors. *International Journal of Oncology* 52(1):55-66, 2018 PMID:29138809
349. Lu M, Kjellin H, Fotouhi O, Lee L, Nilsson IL, Haglund F, Höög A, Lehtiö J, **LARSSON C**: Molecular profiles of oxyphilic and chief cell parathyroid adenoma. *Molecular and Cellular Endocrinology* 470:84-95, 2018 PMID: 28986304
350. Svahn F, Juhlin CC, Paulsson J, Fotouhi O, Zedenius J, **LARSSON C**, Stenman A: Telomerase reverse transcriptase promoter hypermethylation is associated with metastatic disease in abdominal paraganglioma. *Clinical Endocrinology* 88(2):343-345, 2018 PMID:29130501
351. Kwiecińska A, Porwit A, Souchelnytskyi N, Kaufeldt A, **LARSSON C**, Bajalica-Lagercrantz S, Souchelnytskyi S: Proteomic profiling of diffuse large B-cell lymphomas of non-GC and GC types. *Pathobiology* 85(4):211-219, 2018 PMID:29617697
352. Åhlén J, Karlsson F, Johan Wejde J, Nilsson IL, **LARSSON C**, Bränström R: Wide surgical margin improves the outcome for patients with gastrointestinal stromal tumors (GISTs). *World Journal of Surgery* 42(8):2512-2521, 2018 PMID: 29435627
353. Lindquist D, Alsina FC, Herdenberg C, **LARSSON C**, Höppener J, Wang N, Paratcha G, Tarján M, Tot T, Henriksson R, Hedman H: *LRIG1* negatively regulates *RET* mutants and is down-regulated in thyroid carcinoma. *International Journal of Oncology* 52(4):1189-1197, 2018 PMID: 29436694

354. Svahn F, Paulsson JO, Stenman A, Fotouhi O, Mu N, Murtha TD, Korah R, Carling T, Bäckdahl M, Wang N, Juhlin CC, **LARSSON C**: *TERT* promoter hypermethylation is associated with poor prognosis in adrenocortical cancer. *International Journal of Molecular Medicine* 42(3):1675-1683, 2018 PMID: 29956721
355. Paulsson JO, Mu N, Shabo I, Wang N, Zedenius J, **LARSSON C**, Juhlin CC: *TERT* aberrancies: a screening tool for malignancy in follicular thyroid tumors.. *Endocrine-Related Cancer* 25(7):723-733, 2018 PMID: 29692346
356. Mu N, Juhlin CC, Tani E, Sofiadis A, Reihner E, Zedenius J, **LARSSON C**, Nilsson IL: High Ki-67 index in fine needle aspiration cytology of follicular thyroid tumors is associated with increased risk of carcinoma. *Endocrine* 61(2):293-302, 2018 PMID: 29796987
- * 357. Nicolson NG, Murtha TD, Dong W, Paulsson JO, Choi J, Barbieri A, Brown TC, Kunstman JW, **LARSSON C**, Prasad ML, Korah R, Lifton RP, Juhlin CC, Carling T: Comprehensive genetic analysis of follicular thyroid carcinoma predicts prognosis independent of histology. *Journal of Clinical Endocrinology and Metabolism*, 103(7):2640-2650, 2018 C: 69 PMID: 29726952
358. Huang WK, Akçakaya P, Gangaev A, Lee L, Zeljic K, Hajeri P, Berglund E, Ghaderi M, Åhlén J, Bränström R, **LARSSON C**, Lui WO: *miR-125a-5p* regulation increases phosphorylation of FAK that contributes to imatinib resistance in gastrointestinal stromal tumors. *Experimental Cell Research* 371(1):287-296, 2018 PMID: 30149002
359. Kumar S, Xie H, Scicuna P, Lee L, Björnhagen V, Höög A, **LARSSON C**, Lui W-O: MicroRNA-375 regulation of LDHB plays distinct roles in polyomavirus-positive and –negative Merkel cell carcinoma *Cancers* 10(11), 2018 PMID: 30441870
360. Yuan X, Mu N, Wang N, Strååt K, Sofiadis A, Guo Y, Stenman A, Li K, Cheng G, Zhang L, Kong F, Ekblad L, Wennerberg J, Nilsson I-L, Juhlin CC, **LARSSON C**^{Corr}, Xu D^{Corr}: GABPA activates mutant *TERT* promoters but independently inhibits invasion/metastasis in papillary thyroid carcinoma by regulating *DICER1* expression. *Oncogene* 38(7):965-979, 2019 PMID: 30181547
361. Stenman A, Svahn F, Hojjat-Farsangi M, Zedenius J, Söderqvist P, Gimm O, **LARSSON C**#, Juhlin CC# (#shared last authors): Molecular profiling of pheochromocytoma and abdominal paraganglioma stratified by the PASS algorithm reveals chromogranin B as associated with histological prediction of malignant behavior. *American Journal of Surgical Pathology* 43(3):409-421, 2019 PMID: 30451732

362. Kharaziha P, Ceder S, Axell O, Kroll M, Fotouhi O, Lain S, Borg Å, **LARSSON C**, Wiman K, Tham E, Bajalica-Lagercrantz S: Molecular characterization of novel germline *TP53* mutations in Sweden.
Clinical Genetics 96(3):216-225, 2019 PMID: 31081129
363. Fröbom R, Sellberg F, Zhao A, **LARSSON C**, Lui W-O, Nilsson I-L, Berglund E, and Bränström R: Biochemical inhibition of DOG1/TMEM16A achieves antitumoral effects in human gastrointestinal stromal tumors in vitro.
Anticancer Research 39(7):3433-3442, 2019 PMID: 31262867
364. Stenman A, Hysek M, Jatta K, Bränström R, Darai-Ramqvist E, Paulsson JO, Wang N, **LARSSON C**, Zedenius J, Juhlin CC: *TERT* promoter mutation spatial heterogeneity in a metastatic follicular thyroid carcinoma: implications for clinical work-up.
Endocrine Pathology 30(3):246-248, 2019 PMID:31154561
365. Fotouhi O, Kjellin H, Juhlin CC, Pan Y, Westerlund M, Ghaderi M, Yousef A, Andersson H, Kharaziha P, Caramuta S, Kjellman M, Zedenius J, **LARSSON C**^{Corr}, Orre L^{Corr}: Proteomics identifies neddylation as a potential therapy target in small intestinal neuroendocrine tumors.
Oncogene 38(43):6881-6897, 2019 PMID: 31406256
366. Fotouhi O^{Corr}, Ghaderi M, Wang N, Zedenius J, Kjellman M, Xu D, Juhlin CC, and **LARSSON C**^{Corr}: Telomerase Activation in Small Intestinal Neuroendocrine Tumors Is Associated with Aberrant *TERT* Promoter Methylation, But not Hot-Spot Mutations.
Epigenetics 14(12):1224-1233, 2019 PMID:31322481
- * 367. Neumann HPH, Tsoy U, Bancos I, Amodru V, Walz MK, Tirosh A, Jeet RK, McKenzie T, Qi X, Bandgar T, Petrov R, Yukina MY, van der Horst-Schrivers ANA, Berends AMA, Hoff AO, Castroneves LA, Ferrara AF, Rizzati S, Mian C, Dvorakova S, Hasse-Lazar K, Kvachenyuk A, Peczkowska M, Loli P, Erenler F, Krauss T, Almeida MQ, Liu L, Zhu F, Recasens M, Wohlk N, Corssmit E, Shafiqullina Z, Calissendorff J, Grozinsky-Glasberg S, Kunavisarut T, Schalin-Jääntti C, Castinetti F, Vlček P, Beltsevich D, Egorov VI, Schiavi F, Links TP, Lechan RM, Bausch B, Young Jr WF, Eng C, on behalf of International Bilateral-Pheochromocytoma-Registry Group (incl. **LARSSON C**): Comparison of pheochromocytoma-specific morbidity and mortality among adults with bilateral pheochromocytomas undergoing total adrenalectomy versus cortical-sparing adrenalectomy.
JAMA Network Open 2(8):e198898, 2019 C: 93 PMID: 31397861
368. Li S, Rodriguez J, Li W, Bullova P, Fell SM, Surova O, Westerlund I, Topcic D, Bergsland M, Stenman A, Muhr J, Nistér M, Holmberg J, Juhlin CC, **LARSSON C**, von Kriegsheim A, Kaelin Jr WG, and Schlisio S: EglN3 hydroxylase stabilizes BIM-EL linking VHL type 2C mutations to pheochromocytoma pathogenesis and chemotherapy resistance.
Proceedings of the National Academy of Sciences USA 116(34):16997-17006, 2019 PMID: 31375625

369. Hysek M, Paulsson J, Jatta K, Shabo I, Stenman A, Höög A, **LARSSON C**, Zedenius J, Juhlin CC: Clinical routine *TERT* promoter mutational screening of follicular tumors of uncertain malignant potential (FT-UMPs) – a useful predictor of metastatic disease. *Cancers (Basel)* 11(10). pii: E1443, 2019 PMID: 31561592
370. Kumar S, Xie H, Shi H, Gao J, Juhlin CC, Björnhagen V, Höög A, Lee L, **LARSSON C**, Lui W-O: Merkel cell polyomavirus T-antigen induce microRNAs that suppress multiple autophagy genes. *International Journal of Cancer* 146(6):1652-1666, 2020 PMID: 31180579
371. Paulsson JO, Wang N, Gao J, Stenman A, Zedenius J, Mu N, Lui WO, **LARSSON C**, Juhlin CC: *GABPA*-dependent down-regulation of *DICER1* in follicular thyroid carcinoma *Endocrine-Related Cancer* 27(5):295-308, 2020 PMID: 32163919
372. Huang W-K, Gai J, Chen Z, Shi H, Yuan J, Cui HL, Yeh C-N, Bränström R, **LARSSON C**, Li S, Lui W-O: Heterogeneity of metabolic vulnerability in imatinib-resistant gastrointestinal stromal tumor. *Cells* 9(6):1333, 2020 (IF: 7,7) PMID: 32466502
373. Xing X, Mu N, Yuan X^{Corr}, Wang N, Strååt K, Juhlin CC, **LARSSON C**^{Corr}, Xu D: PLEKHS1 over-expression is associated with metastases and poor outcomes in papillary thyroid carcinoma *Cancers (Basel)* 12(8):E2133, 2020 PMID: 32752127
374. Rossitti HM, Dutta RK, **LARSSON C**, Ghayee HK, Söderkvist P, Gimm O: Activation of RAS Signalling is Associated with Altered Cell Adhesion in Pheochromocytoma *International Journal of Molecular Sciences* 21(21):8072, 2020 PMID: 33138083
375. Bancos I, Atkinson E, Eng C, Young WF Jr, Neumann HPH; International Pheochromocytoma and Pregnancy Study Group (including **LARSSON C**): Maternal and fetal outcomes in pheochromocytoma and pregnancy: a multicentre retrospective cohort study and systematic review of literature *Lancet Diabetes Endocrinol* 9(1):13-21, 2021 PMID: 33248478
376. Hysek M, Jatta K, L. Hellgren S, Stenman A, **LARSSON C**, Jan Zedenius J, Juhlin CC: Spatial distribution patterns of clinically relevant *TERT* promoter mutations in follicular thyroid tumors of uncertain malignant potential (FT-UMPs): advantages of the digital droplet PCR (ddPCR) technique. *Journal of Molecular Diagnostics* 23(2):212-222, 2021 PMID: 33197629
377. Shi Y, Yuan J, Rraklli V, Maxymovitz E, Cipullo M, Liu M, Li S, Westerlund I, Bedoya-Reina OC, Bullova P, Rorbach J, Juhlin CC, Stenman A, **LARSSON C**, Kogner P, O'Sullivan MJ, Schlisio S, Holmberg, J: Aberrant splicing in neuroblastoma generates RNA-fusion transcripts and provides vulnerability to spliceosome inhibitors. *Nucleic Acids Research* 49(5):2509-2521, 2021 PMID: 33555349

378. Fröbom R, Berglund E, Aspinwall C, Lui WO, Nilsson IL, **LARSSON C**, Bränström R: Direct inhibition of the ATP-sensitive K⁺ channel by the tyrosine kinase inhibitors imatinib, sunitinib and nilotinib.
Biochem Biophys Res Commun 557:14-19, 2021 PMID: 33857840
379. Hellgren LS, Ohlsson A, Kaufeldt A, Paulsson J, Hysek M, Stenman A, Zedenius J, **LARSSON C**, Höög A, Juhlin CC: Nuclear accumulation of *Telomerase Reverse Transcriptase (TERT)* mRNA in *TERT* promoter mutated follicular thyroid tumors visualized by *in situ* hybridization: a possible clinical screening tool?
Journal of Clinical Pathology 75(10):658-62, 2021 PMID: 34011619
- * 380. Bedoya-Reina OC, Li W, Arceo M, Plescher M, Pui H, Kaucka M, Kharchenko P, Martinsson T, Holmberg J, Adameyko I, Deng Q, **LARSSON C**, Juhlin CC, Kogner P, Schlisio S: Single-nuclei transcriptomes from human adrenal gland reveals distinct cellular identities of favorable and unfavorable neuroblastoma tumors.
Nature Communications 12(1):5309, 2021 C: 68 PMID: 34493726
381. Liu Y, Axell O, van Leeuwen T, Konrat R, Kharaziha P, **LARSSON C**, Wright A, Bajalica-Lagercrantz S: Association between protein conformation predicted for TP53 missense variants and phenotypic presentation as Li-Fraumeni Syndrome or hereditary breast cancer.
International Journal of Molecular Sciences 22(12):6345, 2021 PMID: 341984911
382. Huang WK, Akçakaya P, Zeljic K, Gangaev A, Caramuta S, Yeh C-N, Bränström R, **LARSSON C**, Lui WO: Imatinib regulates *miR-483-3p* and oxidative phosphorylation in gastrointestinal stromal tumors.
International Journal of Molecular Sciences 22(19):10600, 2021 PMID: 34638938
383. Gao J, Shi H, Juhlin CC, **LARSSON C**, Lui W-O: Merkel cell polyomavirus T-antigens regulate *DICER1* mRNA stability and translation through HSC70.
iScience 24(11):103264, 2021 PMID: 34761184
384. Hellgren LS, Stenman A, Paulsson JO, Höög A, **LARSSON C**, Zedenius J, Juhlin CC: Prognostic utility of the Ki-67 labeling index in follicular thyroid tumors: A 20-year experience from a tertiary thyroid center.
Endocrine Pathology, 33(2):231-242 2022 PMID: 35305239
385. Xing X^{Corr}, Mu N, Yuan X, Wang N, Juhlin CC, Strååt K, **LARSSON C**^{Corr}, Neo SY, Xu D: Downregulation and hypermethylation of GABPB1 is associated with aggressive thyroid cancer features
Cancers 14(6):1385, 2022 PMID: 35326537
386. Yuan H, Wu Y, Wang J, Qin X, Huang Y, Yan L, Fan Y, Zedenius J, Juhlin CC, **LARSSON C**, Lui WO, Xu D: Synergistic effects of telomerase reverse transcriptase

- and regulator of telomere elongation helicase 1 on aggressiveness and outcomes in adrenocortical carcinoma.
Biomedicine & Pharmacotherapy 149:112796, 2022 PMID: 35279598
387. Liu Y, Helgadottir HT, Kharaziha P, Choi J, Lopez-Giraldez F, Mane SM, Höiom V, Juhlin CC, **LARSSON C**, Bajalica-Lagercrantz S: Whole exome sequencing of germline variants in non-BRCA families with hereditary breast cancer.
biomedicines, Apr 26;10(5):1004, 2022 PMID: 35625741
388. Li S, Li W, Yuan J, Bullova P, Wu J, Zhang X, Liu Y, Plescher M, Rodriguez J, Bedoya-Reina OC, Jannig PR, Valente-Silva P, Yu M, Henriksson MA, Zubarev RA, Smed-Sörensen A, Suzuki CK, Ruas JL, Holmberg J, **LARSSON C**, Christofer Juhlin C, von Kriegsheim A, Cao Y, Schlisio S: Impaired oxygen-sensitive regulation of mitochondrial biogenesis within the von Hippel-Lindau syndrome.
Nature Metabolism, 4(6):739-758, 2022 PMID: 35760869
389. Yu K, Ebbelhøj AL, Obeid H, Vaidya A, Else T, Wachtel H, Main AM, Søndergaard E, Lehmann Christensen L, Juhlin C, Calissendorff J, Cohen DL, Bennett B, Andersen MS, **LARSSON C**, Almeida MQ, Fishbein L, Boorjian SA, Young WF, Bancos I. Presentation, Management, and Outcomes of Urinary Bladder Paraganglioma: Results from a Multi-center Study.
Journal of Clinical Endocrinology and Metabolism 107(10):2811-2821. 2022
 PMID: 35882219
390. Scicluna P, Caramuta S, Kjellin H, Xu C, Fröbom R, Akhtar M, Gao J, Shi H, Kjellman M, Almgren M, Höög A, Zedenius J, Ekström TJ, Bränström R, Lui WO, **LARSSON C**: Altered expression of the IGF2-H19 locus and mitochondrial respiratory complexes in adrenocortical carcinoma.
International Journal of Oncology, 61(5):140, 2022 PMID: 36169175
391. Solhuslökk Höse K, Stenman A, Svahn F, **LARSSON C**, Juhlin CC: TOP2A expression in pheochromocytoma and abdominal paraganglioma: a marker of poor clinical outcome?
Endocrine Pathology, 34(1):129-141, 2023 PMID: 36656469
392. Lindfors H, Karlsen M, Karlton E, Zedenius J, **LARSSON C**, Ihre Lundgren C, Juhlin CC, Shabo I: Thyroglobulin expression, Ki-67 index, and lymph node ratio in the prognostic assessment of papillary thyroid cancer.
Scientific reports, 13(1):1070, 2023 PMID: 36658256
393. Hysek M, Hellgren S, Stenman A, Darai-Ramqvist E, Ljung E, Schliemann I, Condello V, **LARSSON C**, Zedenius J, Jatta K, Juhlin CC: Digital droplet PCR *TERT* promoter mutational screening in fine needle aspiration cytology of thyroid lesions: A highly specific technique to identify high-risk cases preoperatively.
Diagnostic Cytopathology, 51(6):331-340, 2023 PMID: 36870048

394. Hysek M, Hellgren S, Condello V, Xu Y, **LARSSON C**, Zedenius J, Juhlin CC: 5hmC immunohistochemistry: a predictor of *TERT* promoter mutational status in follicular thyroid tumors?
Journal of Histochemistry & Cytochemistry, 71(8):451-458, 2023 PMID: 37486076
395. Bränström R, Vukojević V, Lu M, Shabo I, Mun HC, Conigrave AD, Farnebo LO, **LARSSON C**: Ca²⁺-activated K⁺ channels regulate membrane potential in human parathyroid cell: potential role in exocytosis.
Experimental Cell Research, Dec 15;433(2):113858, 2023 PMID: 37995920
396. Condello V, Roberts JW, Stenman A, **LARSSON C**, Viswanathan K, Juhlin CC: Atrophic changes in thyroid tumors are strong indicators of underlying *DICER1* Mutations: A bi-institutional genotype-phenotype correlation study.
Virchows Archiv, Jul;485(1):105-114, 2024 PMID: 38637342
397. Sun-Zhang A, Juhlin CC, Carling T, Scholl U, Schott M, **LARSSON C**, Bajalica-Lagercrantz S: Comprehensive genomic analysis of adrenocortical carcinoma reveals genetic profiles associated with patient survival.
ESMO Open, 9(7):103617, 2024 PMID: 38935991
398. Svahn F, Solhuslökk Höse K, Stenman A, Liu Y, Calissendorff J, Tham E, Végvári Á, Zubarev RA, Wang N, Korah R, Carling T, Zedenius J, Bränström R, Juhlin CC#, **LARSSON C#** (#shared last authors): Genetic variants and down-regulation of CACNA1H in pheochromocytoma
Endocrine-Related Cancer Jul 8;31(9):e230061, 2024 PMID: 38864697
399. Hellgren SL, Stenman A, Jatta K, Condello V, **LARSSON C**, Zedenius J, Juhlin CC: Catching the silent culprits: *TERT* promoter mutation screening for minimally invasive follicular and oncocytic thyroid carcinoma in clinical practice.
Endocrine Pathology, 35(4):411-418, 2024 PMID: 39363120
400. Xu Y, Gao J, Wang N, Zedenius J, Nilsson IL, Lui WO, Xu D, Juhlin CC, **LARSSON C**^{Corr}, Mu^{Corr}: BRAF-induced EHF expression affects TERT in aggressive papillary thyroid cancer.
Journal of Clinical Endocrinology and Metabolism, Feb 18; 110(3):693-705, 2025 PMID: 39183149
401. Shi H, Yang Y, Gao J, Kumar S, Xie H, Chen Z, Lyu J, Sihto H, Koljonen V, Vega-Rubin-de-Celis S, Vukojevic V, Farnebo F, Björnhagen V, Höög A, Juhlin CC, Lee L, Wickström M, Becker JC, Johnsen JI, **LARSSON C**, Lui WO: c-KIT mediated autophagy suppression driven by a viral oncoprotein emerges as a crucial survival mechanism in Merkel cell carcinoma.
Autophagy Jul; 21(7):1523-1543, 2025 PMID: 40108758
402. Yang Y, Gao J, Shi H, Sihto H, Kilpinen S, Vilcot F, Janska L, Jeschonneck J, Cvetanovic T, Höög A, Siarov J, Paoli, Juhlin CC, Villabona L, **LARSSON C**, Lui WO: IGF2BP3 as a prognostic biomarker and regulator of metastasis in Merkel Cell Carcinoma.

Journal of Investigative Dermatology-Innovations, 2025 Feb 12;5(3):100355

PMID: 40162116

403. Ganner A, Ferrara AM, Sekula P, Schiavi F, Joo JH, Sanso G, Almeida MQ, Knoblauch AL, Gizaw CJ, Krzystolik K, Astheimer SC, Achatz MI, Vieites A, Donegan D, Hundsberger T, Lubinski J, Yildirim Simsir I, Bandgar T, Hasse-Lazar K, Pawlaczek A, Zandee W, Yu K, Kater CE, Rostomyan L, Qi XP, Deutschbein T, Remde H, Dallagnol TN, Yukina M, Baudrand R, Andreescu CE, Kunavisarut T, Ishak ND, Le Guillou Horn X, Shutler G, Jovanovic M, Pęczkowska M, Calissendorff J, Circosta F, Bugalho MJ, Corssmit EPM, Gimm O, Quinkler M, Goldmann A, Watutantrige Fernando S, Zovato S, Santana LS, Freitas-Castro F, Rothermundt C, Zimmermann J, Durmaz A, Aykut A, Vroonen L, Krauss T, Taschner C, Ruf J, Klingler JH, Gläsker S, Lang S, Bucher F, Agostini H, Jilg C, Schultze-Seemann W, Bausch B, Bergfeld A, Rhein K, Uslar T, Concistrè A, Juhlin CC, Casali-da-Rocha JC, Petramala L, Tsoy U, Grineva E, Fang XD, Kotsis F, Schaefer T, Links TP, Makay Ö, Fagundes GFC, Ngeow J, Shah N, Opocher G, Barontini M, **LARSSON C**, Januszewicz A, Viana Lima J, Wohllk N, Letizia C, Donatini G, Maher ER, Beltsevich D, Bancos I, Cybulski C, Walz MK, Köttgen A, Eng C, Neumann HPH, Neumann-Haefelin E.: Genotype-Specific neoplastic risk profiles in patients with von Hippel-Lindau (VHL) disease. *Endocrine-Related Cancer* Apr 28;32(5):e240260, 2025. PMID: 40202835
404. Solhusløkk Höse K, Stenman A, Falhammar H, Volpe C, **LARSSON C**, Zedenius J, Juhlin CC: Improving diagnosis in primary aldosteronism using HISTALDO and nodule size metrics. *European Journal of Endocrinology* Jul 31;193(2):278-288, 2025. PMID: 40729417
405. Bullova P, Cui P, Arceo M, Zhu J, Li W, Plescher M, Poltorachenko V, Stripling K, Santangeli C, Mykhaylechko L, Kastriti ME, **LARSSON C**, Juhlin CC, Mints M, Schlisio S: Postnatal sustentacular cells as chromaffin progenitors and tumor cells of origin in VHL-related paragangliomas. *NPJ Precision Oncology*, Oct 15;9(1):324, 2025 PMID: 41093965

NON-ORIGINAL PUBLICATIONS: Book chapters, Reviews, Editorial etc

- 1R. Nordenskjöld M and **Lundberg C**: Recessive cancer genes and chromosomal mechanisms in tumorigenesis.
Annals of Clinical Research 18: 307-313, 1986. PMID: 3032067
- 2R. Nordenskjöld M, **LARSSON C**, Öberg K, Nakamura Y: Mapping of the gene for multiple endocrine neoplasia type I to chromosome 11q13.
Pathol Biol (Paris) 37(9): 951, 1989. PMID: 2575240
- 3R. **LARSSON C**: Recessive mutations in tumorigenesis of human breast carcinoma and multiple endocrine neoplasia type 1.
Thesis, 1989.
- 4R. Nordenskjöld M, Janson M, **LARSSON C**: Recessive mutations in the oncogenesis of retinoblastoma and multiple endocrine neoplasia type 1. Molecular genetics and the diagnosis of cancer. Cossman (editor) Elsevier, 381-398, 1990.
- 5R. **LARSSON C** and Nordenskjöld M: Multiple endocrine neoplasia.
Cancer Surveys 9(4): 703-723, 1990. PMID: 1983211
- 6R. Skogseid B, **LARSSON C**, Öberg K: Genetic and clinical characteristics of multiple endocrine neoplasia type 1.
Acta Oncologica 30: 485-488, 1991. PMID: 1677252
- 7R. Allander SV, Bajalica S, **LARSSON C**, Luthman H, Powell DR, Stern I, Weber G, Zazzi H, Ehrenborg E. Structure and chromosomal localization of human insulin-like growth factor binding protein genes:
Growth Regulation: 3(1): 3-5, 1993. PMID: 7683522
- 8R. Weber G, Friedman E, Skogseid B, Sandelin K, Öberg K, Nordenskjöld M, **LARSSON C**. Molecular genetics of multiple endocrine neoplasia Type 1 in: Progress in Endocrinology, Parthenon Publishing, 436-437, 1993.
- 9R. Skogseid B, **LARSSON C**, Rastad J, Wilander E, Öberg K: Adrenal involvement in multiple endocrine neoplasia type 1 syndrome.
Diagnostic Oncology, 3: 86-90, 1993.
- 10R. **LARSSON C**, Friedman E: Localization and identification of the multiple endocrine neoplasia type 1 disease gene.
Endocrinology and Metabolism clinics of North America Periodicals 23(1): 67-79, 1994.
- 11R. Friedman E, **LARSSON C**, Amorosi A, Brandi ML, Metz D, Jensen RT, Bale A, Skarulis MC, Eastman R, Nieman L, Norton J, Marx SJ: MEN1 pathology and

- pathophysiology in *The Parathyroids, Basic & Clinical concepts*, Raven Press, 38: 647-680, 1994.
- 12R. Metz D, Jensen RT, Bale A, Skarulis MC, Eastman R, Nieman L, Norton J, Friedman E, **LARSSON C**, Amorosi A, Brandi ML, Marx SJ: Multiple Endocrine Neoplasia type 1: Clinical Features and management in *The Parathyroids, Basic & Clinical concepts*, Raven Press, 37: 591-646, 1994.
- 13R. Sandelin K, **LARSSON C**, Decker RA: Genetic aspects of multiple endocrine neoplasia types 1 and 2. *Current Opinion in Surgery*, 60-68, 1994.
- 14R. **LARSSON C**, Nordenskjöld M: Family screening in multiple endocrine neoplasia type 1 (MEN 1). *Annals of Medicine*, 26(3): 191-198, 1994. PMID: 7915525
- 15R. **LARSSON C**, Weber G, Teh BT, Lagercrantz J: Genetics of multiple endocrine neoplasia type 1. *Annals of The New York Academy of Science*, 733: 453-463, 1994. PMID: 7978894
- 16R. **LARSSON C**, Calender A, Grimmond S, Giraud S, Hayward NK, Teh B, Farnebo F: Molecular tools for presymptomatic testing in Multiple endocrine neoplasia type 1. *Journal of Internal Medicine*, 238(3): 239-244, 1995. PMID: 7673853
- 17R. Lagercrantz J, **LARSSON C**, Grimmond S, Skogseid B, Gobl A, Friedman E, Carson E, Phelan C, Öberg K, Nordenskjöld M, Hayward NK, Weber G: Candidate genes for multiple endocrine neoplasia type 1. *Journal of Internal Medicine*, 238(3): 245-249, 1995. PMID: 7673854
- 18R. Zedenius J, Weber G, **LARSSON C**: Loss of constitutional heterozygosity in human cancer- a practical approach. *Advances in Genome Biology*, 3B: 273-297, 1995.
- 19R. Iselius L, **LARSSON C**, Lindblom A, Sandelin K, Wickman M, Wilking N: Den första bröstcancer genen, BRCA 1, är isolerad (The first breast cancer gene isolated. Safer risk assessment for affected families). *Läkartidningen*, 92(4): 269-273, 275, 1995. PMID: 7987299
- 20R. **LARSSON C**, Nordenskjöld M, Zedenius J: Multiple endocrine neoplasia types 1 and 2. *Molecular Genetics of Cancer* (Cowell JK), BIOS, 71-92, 1995.
- 21R. Teh BT, Cardinal J, Shepherd J, Hayward NK, Weber G, Cameron D, **LARSSON C**: Genetic mapping of the multiple endocrine neoplasia type 1 locus at 11q13. *Journal of Internal Medicine*, 238(3): 249-253, 1995. PMID: 7673855
- 22R. Teh BT, Grimmond S, Shepherd J, **LARSSON C**, Hayward N: Multiple endocrine neoplasia type I: clinical syndrome to molecular genetics. *Australian and New Zealand Journal of Surgery*, 65(10): 708-713, 1995. PMID: 7487708

- 23R. Teh BT, Zedenius J, Cameron D, Shepherd J, **LARSSON C**: Multiple endocrine neoplasia syndrome. *Asian Journal of Surgery*, 19: 23-31, 1996.
- * 24R Skogseid B, Rastad J, Gobl A, **LARSSON C**, Backlin K, Juhlin C, Åkerström G, Öberg K: Adrenal lesion in multiple endocrine neoplasia type 1. *Surgery*, 118(6): 1077-1082, 1996. C: 90 PMID: 7491526
- 25R. Dotzenrath C, Goretzki PE, Farnebo F, Teh BT, Weber G, Röher HD, **LARSSON C**: Molecular genetics of primary and secondary hyperparathyroidism. *Experimental and Clinical Endocrinology and Diabetes*, 104 Suppl 4: 105-107, 1996. PMID: 8981014
- 26R. Farnebo F, Järhult J, Farnebo L-O, Nilsson O, Teh BT, Lagercrantz J, Weber G, Sandelin K, **LARSSON C**: Multiple endocrine neoplasia type 1 and the search for the genetic trigger. *Hormone Research* 47(4-6): 179-184, 1997. PMID: 9167950
- 27R. Teh BT, Lagercrantz J, Weber G, **LARSSON C**: Gene identification in autosomal dominant disorders. *AJNR Am J Neuroradiol.* 18(5):991-992, 1997. PMID: 9159384
- 28R. Teh BT, **LARSSON C**: The genetics of multiple endocrine neoplasia type 1. *CME, Bulletin Endocrinology & Diabetes*, 1:20-23, 1998.
- 29R. THE EUROPEAN CONSORTIUM ON MEN1:
 BELGIUM : Lemmens I, Merregaert J, Van de Ven WJM, Kas K
 FRANCE (Lyon) : Zhang CX, Giraud S, Wautot W, Buisson N, De Witte K, Salandre J, Lenoir G, Calender A, in the framework of GENEM 1
 FRANCE (Nice) : Parente F, Quincey D, Courseaux A, Gaudray P
 NETHERLANDS : De Wit MJ, Lips CJM, Höppener JWM
 SWEDEN : Khodaei S, Grant AL, Weber G
 SWEDEN : Teh BT, Farnebo F, Kytölä S, Grimmond S, Phelan C, **LARSSON C**
 UNITED KINGDOM : Forbes SA, Bassett JHD, Pannett AAJ, Thakker RV
 The Search of the MEN1 Gene.
Journal of Internal Medicine, 243:441-446, 1998. PMID: 9681841
- 30R. Beeson D, Newland C, Croxen R, Buckel A, Li FY, **LARSSON C**, Tariq M, Vincent A, Newsom-Davis J: Congenital myasthenic syndromes. Studies of the AChR and other candidate genes. *Annals of the New York Academy of Science*, 841:181-183, 1998. PMID: 668236
- 31R. Kjellman M, Roshani L, Bäckdahl M, **LARSSON C**: Molecular genetics of adrenal cortical tumors. *Current Opinion in Endocrinology and Diabetes*, 6: 70-76, 1999.
- 32R. Teh BT, **LARSSON C**, Nordenskjöld M: Tumor suppressor genes (TSG).

- Anticancer Research* 19(6A): 4715-4728, 1999. PMID: 10697587
- 33R. Wong FK, Burgess J, Nordenskjöld M, **LARSSON C**, Teh BT: Multiple endocrine neoplasia type 1. *Seminars in Cancer Biology*, 10(4):299-312, 2000. PMID: 10966852
- 34R. **LARSSON C**: Dissecting the genetics of hyperparathyroidism-new clues from an old friend. (Invited Editorial) *Journal of Clinical Endocrinology and Metabolism*, 85(5):1752-1754, 2000. PMID: 10843146
- 35R. Kjellman M, **LARSSON C**, Bäckdahl M: Genetic background of adrenocortical tumor development. *World Journal of Surgery*, 25(7):948-956, 2001. PMID: 11572037
- 36R. Villablanca A, Höög A, **LARSSON C**, Teh BT: Molecular genetics of familial hyperparathyroidism. *The Journal of Endocrine Genetics*, 2001:3-12, 2001
- 37R. Dwight T, Nelson AE, Marsh DJ, Teh BT, **LARSSON C**, Robinson BG: Parathyroid tumorigenesis in association with primary hyperparathyroidism. *Current opinions in Diabetes and Endocrinology*, 9: 43-50, 2002.
- 38R. Frisk T, **LARSSON C**, Wallin G, Zedenius J: Follicular thyroid tumors. *Current opinions in Diabetes and Endocrinology*, 9:51-60, 2002.
- 39R. Teh BT, **LARSSON C**. Multiple Endocrine Neoplasia (pp: 115-130). Harris & Bouloux (eds) *Endocrinology in Clinical Practice*. London: Martin Dunitz, 2003
- 40R. Bondesson L, Grimelius L, De Lillis RA, Lloyd R, Åkerström G, **LARSSON C**, Arnold A, Eng C, Shane E, Bilezikian JP: Parathyroid carcinoma in *WHO classification of tumors - Tumors of endocrine organs*, 124-128, 2004.
- * 41R Elder EE, Elder G, **LARSSON C**: Pheochromocytoma and functional paraganglioma syndrome: no longer the 10% tumor. *J Surg Oncology*. 89(3):193-201, 2005 C: 108 PMID: 15719371
- 42R. **LARSSON C**: Epigenetic aspects on therapy development for gastroenteropancreatic neuroendocrine tumors. *Neuro-Endocrinology*, 97(1):19-25, 2013 PMID: 22456267
- 43R. Tham E, **LARSSON C**: Hereditary primary hyperparathyroidism and multiple endocrine neoplasia. Editors Harris PE and Bouloux PMG. In *Endocrinology in Clinical Practice*, second edition. Chapter 9. CRC Press, 2014
- 44R. DeLellis RA, Arnold A, Bilezikian JP, Eng C, **LARSSON C**, Lloyd RV, Mete O: Parathyroid carcinoma in *WHO Classification of Tumours of Endocrine Organs*, Fourth Edition. *WHO/IARC Classification of Tumours*. Lyon: IARC Press (2017)

- * 45R Yuan X, **LARSSON C**, Xu D: Mechanisms underlying the activation of *TERT* transcription and telomerase in human cancer: Old actors and new players.
Oncogene 38(34):6172-6183, 2019 C: 349 PMID: 31285550
- 46R. Rhomson LDR, Gill AJ, Mete O, **LARSSON C**, Kruijff S: Parathyroid adenoma in WHO Classification of Paediatric Tumors, Fifth edition WHO/IARC Classification of Tumours. Lyon: IARC Press (2022)

Patents:

Vascular endothelial growth factor B, C **LARSSON** share

- initially 08/765,588

- latest 7160991 Issued on January 9, 2007

Cervical cancer diagnostics based on TERC, C **LARSSON** share:

-US 8,409,808 B2 April 2013 approved

-US 13/854,764 Applied April 1st 2013