

## 2026

### **DNA methylation episcapature for Smith-Magenis and Potocki-Lupski syndromes: a mirror perspective.**

van der Laan L, Karimi K, Rooney K, Alders M, Brusco A, Lasa-Aranzasti A, Brunetti-Pierri N, Cueto-Gonzalez AM, DuPont BR, Cappuccio G, Dubourg C, Everman D, Gatinois V, Ganne B, Genevieve D, Ferrero GB, Kempers M, Levy MA, Niceta M, Novelli A, Orlando V, Odent S, Patterson WG, Polstra AM, Roscioli T, Ruiz-Pallares N, Sabbagh Q, Trajkova S, Tartaglia M, Tedder MA, Toutain A, Koehler U, Valenzuela I, van Hagen JM, van der Kevie-Kersemaekers AM, Henneman P, Mannens MMAM, Sadikovic B, van Haelst MM.

<https://pubmed.ncbi.nlm.nih.gov/41028553/>

## 2025

### **RUNX1-FPDM in families with mild thrombocytopenia and platelet function anomalies: a case series.**

Glönnegger H, Boeckelmann D, Wiedenhöfer R, Hassenpflug WA, Ripberger T, Lebrecht D, Knöfler R, Tiebel O, Koehler U, Wehr C, Sirb H, Sparber-Sauer M, Reinsberger K, Yoshimi A, Strahm B, Zieger B.

<https://pubmed.ncbi.nlm.nih.gov/41458504/>

### **DNA methylation episcapature for Smith-Magenis and Potocki-Lupski syndromes: a mirror perspective.**

van der Laan L, Karimi K, Rooney K, Alders M, Brusco A, Lasa-Aranzasti A, Brunetti-Pierri N, Cueto-Gonzalez AM, DuPont BR, Cappuccio G, Dubourg C, Everman D, Gatinois V, Ganne B, Genevieve D, Ferrero GB, Kempers M, Levy MA, Niceta M, Novelli A, Orlando V, Odent S, Patterson WG, Polstra AM, Roscioli T, Ruiz-Pallares N, Sabbagh Q, Trajkova S, Tartaglia M, Tedder MA, Toutain A, Koehler U, Valenzuela I, van Hagen JM, van der Kevie-Kersemaekers AM, Henneman P, Mannens MMAM, Sadikovic B, van Haelst MM.

<https://pubmed.ncbi.nlm.nih.gov/41028553/>

## 2024

### **Maternal translocation t(7;9) resulting in a not previously described unbalanced fetal karyotype with trisomy 9p and partial trisomy 7q.**

Naumann S, Schwank D, Sattler C, Klee F, Koehler U, Sendelbach K, Wilhelm L, Korte M.

Abstracts from the 56th European Society of Human Genetics (ESHG) Conference: e-Posters. Eur J Hum Genet 32 (Suppl 1), 91–348 (2024). <https://doi.org/10.1038/s41431-023-01481-y>

### **Optical Genome Mapping as a Potential Routine Clinical Diagnostic Method.**

Barseghyan H, Eisenreich D, Lindt E, Wendlandt M, Scharf F, Benet-Pages A, Sendelbach K, Neuhann T, Abicht A, Holinski-Feder E, Koehler U.

<https://pubmed.ncbi.nlm.nih.gov/38540401/>

## 2023

### **Aneuploidy in oocytes from women of advanced maternal age: analysis of the causal meiotic errors and impact on embryo development.**

Verdyck P, Altarescu G, Santos-Ribeiro S, Vrettou C, Koehler U, Griesinger G, Goossens V, Magli C, Albanese C, Parriego M, Coll L, Ron-El R, Sermon K, Traeger-Synodinos J.

<https://pubmed.ncbi.nlm.nih.gov/37814912/>

### **Genome Mapping Nomenclature**

Moore S, McGowan-Jordan J, Smith AC, Rack K, Koehler U, Stevens-Kroeg M, Barseghyan H, Kanagal-Shamanna R, Hastings R; ISCN Standing Committee.

<https://pubmed.ncbi.nlm.nih.gov/38071973/>

## 2022

### **Constitutional chromothripsis of the APC locus as a cause of genetic predisposition to colon cancer**

Florentine Scharf, Rafaela Magalhaes Leal Silva, Monika Morak, Alex Hastie, Julia M A Pickl, Kai Sendelbach, Christian Gebhard, Melanie Locher, Andreas Laner, Verena Steinke-Lange, Udo Koehler, Elke Holinski-Feder, Dieter A Wolf

<https://pubmed.ncbi.nlm.nih.gov/34911816/>

### **Splicing analyses for variants in MMR genes: best practice recommendations from the European Mismatch Repair Working Group.**

Morak M, Pineda M, Martins A, Gaildrat P, Tubeuf H, Drouet A, Gómez C, Dámaso E, Schaefer K, Steinke-Lange V, Koehler U, Laner A, Hauchard J, Chauris K, Holinski-Feder E, Capellá G.  
<https://pubmed.ncbi.nlm.nih.gov/35676339/>

## 2021

### **A Novel Likely Pathogenic Variant in the BLOC1S5 Gene Associated with Hermansky-Pudlak Syndrome Type 11 and an Overview of Human BLOC-1 Deficiencies.**

Boeckelmann D, Wolter M, Käsmann-Kellner B, Koehler U, Schieber-Nakamura L, Zieger B.  
<https://pubmed.ncbi.nlm.nih.gov/34685610/>

### **Reproduktionsmedizin: Zahlen und Fakten für die Beratung.**

Kupka M (Hrsg.), Pörksen S, Popovici R, Krüssel JS, de Geyter C, Katzorke T, Koehler U, Würfel W, von Wolf M, Gnöth C, Kainer F, Trappe H, Weiß C; Urban & Fischer Verlag / Elsevier GmbH, 14. April 2021, ISBN-13: 978-3437249440

### **Correction to: CANPMR syndrome and chromosome 1p32-p31 deletion syndrome coexist in two related individuals affected by simultaneous haplo-insufficiency of CAMTA1 and NFIA genes.**

Coci EG, Koehler U, Liehr T, Stelzner A, Fink C, Langen H, Riedel J.  
<https://pubmed.ncbi.nlm.nih.gov/33750428/>

## 2019

### **Full-length transcript amplification and sequencing as universal method to test mRNA integrity and biallelic expression in mismatch repair genes.**

Morak M, Schaefer K, Steinke-Lange V, Koehler U, Keinath S, Massdorf T, Mauracher B, Rahner N, Bailey J, Kling C, Haeusser T, Laner A, Holinski-Feder E. *Eur J Hum Genet.* 2019;27(12):1808-1820. doi:[10.1038/s41431-019-0472-8](https://doi.org/10.1038/s41431-019-0472-8)

### **Hereditary neuralgic amyotrophy in childhood caused by duplication within the SEPT9 gene: A family study.**

Neubauer K, Boeckelmann D, Koehler U, Kracht J, Kirschner J, Pendziwiat M, Zieger B. *Cytoskeleton (Hoboken).* 2019;76(1):131-136. doi:[10.1002/cm.21479](https://doi.org/10.1002/cm.21479)

## 2018

### **Extending the critical regions for mutations in the non-coding gene RNU4ATAC in another patient with Roifman Syndrome.**

Hallermayr A, Graf J, Koehler U, Laner A, Schönfeld B, Benet-Pagès A, Holinski-Feder E. *Clin Case Rep.* 2018;6(11):2224-2228. doi:[10.1002/ccr3.1830](https://doi.org/10.1002/ccr3.1830)

## 2017

### **Novel mutation in two brothers with Hermansky Pudlak syndrome type 3.**

Sandrock-Lang K, Bartsch I, Buechele N, Koehler U, Simon-Gabriel CP, Eckenweiler M, Zieger B. *Blood Cells Mol Dis.* 2017;67:75-80. doi:[10.1016/j.bcmd.2017.03.001](https://doi.org/10.1016/j.bcmd.2017.03.001)

### **Genetic and phenotypic dissection of 1q43q44 microdeletion syndrome and neurodevelopmental phenotypes associated with mutations in ZBTB18 and HNRNPU.**

Depienne C, Nava C, Keren B, Heide S, Rastetter A, Passemar S, Chantot-Bastaraud S, Moutard M-L, Agrawal PB, VanNoy G, Stoler JM, Amor DJ, Billette de Villemeur T, Doummar D, Alby C, Cormier-Daire V, Garel C, Marzin P, Scheidecker S, de Saint-Martin A, Hirsch E, Korff C, Bottani A, Faivre L, Verloes A, Orzechowski C, Burglen L, Leheup B, Roume J, Andrieux J, Sheth F, Datar C, Parker MJ, Pasquier L, Odent S, Naudion S, Delrue M-A, Le Caignec C, Vincent M, Isidor B, Renaldo F, Stewart F, Toutain A, Koehler U, Häckl B, von Stülpnagel C, Kluger G, Møller RS, Pal D, Jonson T, Soller M, Verbeek NE, van Haelst MM, de Kovel C, Koeleman B, Monroe G, van Haaften G, Attié-Bitach T, Boutaud L, Héron D, Mignot C. *Hum Genet.* 2017;136(4):463-479. doi:[10.1007/s00439-017-1772-0](https://doi.org/10.1007/s00439-017-1772-0)

## 2016

### **CANPMR syndrome and chromosome 1p32-p31 deletion syndrome coexist in two related individuals affected by simultaneous haplo-insufficiency of CAMTA1 and NIFA genes.**

Coci EG, Koehler U, Liehr T, Stelzner A, Fink C, Langen H, Riedel J. *Mol Cytogenet.* 2016;9:10. doi:[10.1186/s13039-016-0219-y](https://doi.org/10.1186/s13039-016-0219-y)

## 2015

### **Genetische Untersuchungen in der Reproduktionsmedizin.**

Kleinle S, Koehler U, Gonzalez Fassreiner D, Holinski-Feder E. *Journal für Reproduktionsmedizin und Endokrinologie* 2015 (2): 57-64. doi: <https://www.kup.at/kup/pdf/12848.pdf>

## 2014

### **Clinical utility gene card for: Williams-Beuren Syndrome [7q11.23].**

Koehler U, Pabst B, Pober B, Kozel B. *Eur J Hum Genet.* 2014;22(9). doi:[10.1038/ejhg.2014.28](https://doi.org/10.1038/ejhg.2014.28)

### **Studie zur klinischen Etablierung der Präimplantationsdiagnostik.**

Seifert B, Paulmann B, Seifert D, Brey S, Gaßner C, Kwiatkowski B, Schön U, Koehler U, Holinski-Feder E. *Journal für Reproduktionsmedizin und Endokrinologie* 2014; 11(1):12-17. Doi:<https://www.kup.at/kup/pdf/12122.pdf>

## 2013

### **X-linked intellectual disability type Nascimento is a clinically distinct, probably underdiagnosed entity.**

Czeschik JC, Bauer P, Buiting K, Dufke C, Guillén-Navarro E, Johnson DS, Koehler U, López-González V, Lüdecke H-J, Male A, Morrogh D, Rieß A, Tzschach A, Wiczorek D, Kuechler A. *Orphanet J Rare Dis.* 2013;8:146. doi:[10.1186/1750-1172-8-146](https://doi.org/10.1186/1750-1172-8-146)

### **The phenotypic spectrum of duplication 5q35.2-q35.3 encompassing NSD1: is it really a reversed Sotos syndrome?**

Dikow N, Maas B, Gaspar H, Kreiss-Nachtsheim M, Engels H, Kuechler A, Garbes L, Netzer C, Neuhann TM, Koehler U, Casteels K, Devriendt K, Janssen JWG, Jauch A, Hinderhofer K, Moog U. *Am J Med Genet A.* 2013;161A(9):2158-2166. doi:[10.1002/ajmg.a.36046](https://doi.org/10.1002/ajmg.a.36046)

### **Pregnancy and Birth After a Two-Step PGD: Polar Body Diagnosis for Hemophilia A and Array CGH on Trophectoderm Cells for Chromosomal Aberrations.**

Würfel W, Suttner R, Shakeshaft D, Mayer V, Schoen U, Sendelbach K, Locher M, Koehler U, Fiedler K, Krüsmann G, Holinski-Feder E. *Geburtshilfe Frauenheilkd.* 2013;73(8):812-814. doi:[10.1055/s-0033-1350705](https://doi.org/10.1055/s-0033-1350705)

### **Generalized epilepsy in two patients with 5p duplication.**

Kluger G, Koehler U, Neuhann TM, Pieper T, Staudt M, von Stülpnagel C. *Neuropediatrics.* 2013;44(4):225-229. doi:[10.1055/s-0033-1333872](https://doi.org/10.1055/s-0033-1333872)

### **Molecular genetic analysis of a patient with moderate hemophilia A and psychomotor developmental delay.**

Gothwal M, Nakamura L, Hainmann I, Koehler U, Schilling F, Rost S, Oldenburg J, Zieger B. *Klin Padiatr.* 2013;225(3):175-176. doi:[10.1055/s-0033-1341490](https://doi.org/10.1055/s-0033-1341490)

### **CD133 is a predictor of poor survival in head and neck squamous cell carcinomas.**

Canis M, Lechner A, Mack B, Zengel P, Laubender RP, Koehler U, Heissmeyer V, Gires O. *CBM.* 2013;12(2):97-105. doi:[10.3233/CBM-130297](https://doi.org/10.3233/CBM-130297)

### **Preimplantation Genetic Diagnosis for Monogenic Disorders and Chromosomal Rearrangements – the German Perspective.**

Koehler U., Schoen U., Mayer V., Holinski-Feder. E. *Journal für Reproduktionsmedizin und Endokrinologie* 2013; Special Issue 1:36-42. doi:<https://www.kup.at/kup/pdf/11278.pdf>

### **CD133 induces tumour-initiating properties in HEK293 cells.**

Canis M, Lechner A, Mack B, Zengel P, Laubender RP, Koehler U, Heissmeyer V, Gires O. *Tumour Biol.* 2013;34(1):437-443. doi:[10.1007/s13277-012-0568-z](https://doi.org/10.1007/s13277-012-0568-z)

**Generalized epilepsy in two patients with 5p duplication.** Kluger G, Koehler U, Neuhann TM, Pieper T, Staudt M, von Stülpnagel C. *Neuropediatrics.* 2013 Aug;44(4):225-9.

## 2012

### **First experiences with PGD after trophoctoderm biopsy at Kinderwunsch Centrum Munich (KCM), Germany.**

Suttner R, Shakeshaft D, Koehler U, Schön U, Hararsim T, Wagner A, Holinski-Feder E, Rost I, Würfel W. *Reprod BioMed Online* 2012; 24:48.

### **Increased pregnancy rates after trophoctoderm biopsy for PGD of monogenic diseases and chromosomal aberrations.**

U. Schön, U. Koehler, V. Mayer, A. Stegerer, K. Sendelbach, M. Locher, B. Paulmann, D. Shakeshaft, R. Suttner, B. Seifert, W. Würfel, E. Holinski-Feder. *Reproductive BioMedicine Online* 2012; 24:55-56.

### **Steigerung der Schwangerschaftsrate durch Präimplantationsdiagnostik für monogene Erkrankungen und chromosomale Aberrationen nach Trophektodermbiopsie.**

Koehler U, Mayer V, Schön U, Stegerer A, Sendelbach K, Locher M, Paulmann B, Shakeshaft D, Suttner R, Seifert B, Würfel W, Holinski-Feder E. *Arch Gynecol Obstet* 2012; 286:49-279.

**Preimplantation genetic diagnosis for monogenic diseases and chromosomal aberrations after trophectoderm biopsy- results from 2010 to 2011.**

Koehler U, Schön U, Mayer V, Stegerer A, Sendelbach K, Locher M, Paulmann B, Shakeshaft, D. Suttner R, Seifert B, Würfel W, Holinski-Feder E. *European Journal of Human Genetics* 2012; 20:140.

**Cardiac malformation of partial trisomy 7p/monosomy 18p and partial trisomy 18p/monosomy 7p in siblings as a result of reciprocal unbalanced malsegregation--and review of the literature.**

Schmidt B, Udink ten Cate F, Weiss M, Koehler U. *Eur J Pediatr.* 2012;171(7):1047-1053. doi:[10.1007/s00431-012-1682-z](https://doi.org/10.1007/s00431-012-1682-z)

## 2011

**PID für monogene Erkrankungen nach Polkörper- und/oder Trophektodermbiopsie.**

Hehr A, Paulmann P, Koehler U., Gassner C, Bals-Pratsch M, Holinski-Feder E, et al. *J Reproduktionsmed Endokrinol* 2011; 8:319.

**Diagnostik der spinalen Muskelatrophie Typ 1 (SMA1) durch Trophektodermbiopsie von Blastozysten.**

Seifert B, Schön U, Paulmann B, Seifert D, Hehr A, Koehler U, Holinski-Feder E. *J Reproduktionsmed Endokrinol* 2011; 8:335.

**Phenotypic spectrum associated with CASK loss-of-function mutations.**

Moog U, Kutsche K, Kortüm F, Chilian B, Bierhals T, Apeshiotis N, Balg S, Chassaing N, Coubes C, Das S, Engels H, Van Esch H, Grasshoff U, Heise M, Isidor B, Jarvis J, Koehler U, Martin T, Oehl-Jaschkowitz B, Ortibus E, Pilz DT, Prabhakar P, Rappold G, Rau I, Rettenberger G, Schlüter G, Scott RH, Shoukier M, Wohlleber E, Zirn B, Dobyns WB, Uyanik G. *J Med Genet.* 2011;48(11):741-751. doi:[10.1136/jmedgenet-2011-100218](https://doi.org/10.1136/jmedgenet-2011-100218)

**Biallelic MLH1 SNP cDNA expression or constitutional promoter methylation can hide genomic rearrangements causing Lynch syndrome.**

Morak M, Koehler U, Schackert HK, Steinke V, Royer-Pokora B, Schulmann K, Kloor M, Höchter W, Weingart J, Keiling C, Massdorf T, Holinski-Feder E. *J Med Genet.* 2011;48(8):513-519. doi:[10.1136/jmedgenet-2011-100050](https://doi.org/10.1136/jmedgenet-2011-100050)

## 2010

**A novel 1p31.3p32.2 deletion involving the NFIA gene detected by array CGH in a patient with macrocephaly and hypoplasia of the corpus callosum.**

Koehler U, Holinski-Feder E, Ertl-Wagner B, Kunz J, von Moers A, von Voss H, Schell-Apacik C. *Eur J Pediatr.* 2010;169(4):463-468. doi:[10.1007/s00431-009-1057-2](https://doi.org/10.1007/s00431-009-1057-2)

**Selbstschädigendes Verhalten bei zwei männlichen Patienten als typisches Syndrom des Smith-Magenis-Syndrom – guter therapeutischer Effekt von Aripiprazol.**

Martin P., Koehler U. *Medizin für Menschen mit geistiger oder mehrfacher Behinderung*; Edition Bentheim 2010(2), 45-51.

**Interstitial microduplication of Xp22.31: Causative of intellectual disability or benign copy number variant?**

Li F, Shen Y, Köhler U, Sharkey FH, Menon D, Coulleaux L, Malan V, Rio M, McMullan DJ, Cox H, Fagan KA, Gaunt L, Metcalfe K, Heinrich U, Hislop G, Maye U, Sutcliffe M, Wu B-L, Thiel BD, Mulchandani S, Conlin LK, Spinner NB, Murphy KM, Batista DAS. *European Journal of Medical Genetics.* 2010;53(2):93-99. doi:[10.1016/j.ejmg.2010.01.004](https://doi.org/10.1016/j.ejmg.2010.01.004)

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Koehler U., Holinski-Feder E. *up2date* 2010(5) 278-283.

## 2009

**In vitro supplementation with dAMP/dGMP leads to partial restoration of mtDNA levels in mitochondrial depletion syndromes.**

Bulst S, Abicht A, Holinski-Feder E, Müller-Ziermann S, Koehler U, Thirion C, Walter MC, Stewart JD, Chinnery PF, Lochmüller H, Horvath R. *Hum Mol Genet.* 2009;18(9):1590-1599. doi:[10.1093/hmg/ddp074](https://doi.org/10.1093/hmg/ddp074)

**Single cell analysis of mutations in the APC gene.**

Mayer V, Schoen U, Holinski-Feder E, Koehler U, Thalhammer S. *Fetal Diagn Ther.* 2009;26(3):148-156. doi:[10.1159/000248721](https://doi.org/10.1159/000248721)

**Single particle adsorbing transfer system.**

Woide D, Mayer V, Wachtmeister T, Hoehn N, Zink A, Koehler U, Thalhammer S. *Biomed Microdevices.* 2009 11(3): 609-614.

## 2008

**Impact of heart rate variability in patients with normal sinus rhythm on image quality in coronary magnetic angiography.**

Tangcharoen T, Jahnke C, Koehler U, Schnackenburg B, Klein C, Fleck E, Nagel E. *J Magn Reson Imaging*. 2008;28(1):74-79. doi:[10.1002/jmri.21426](https://doi.org/10.1002/jmri.21426)

## 2007

**A new interphase fluorescence in situ hybridization approach for genomic rearrangements involving MLH1 and MSH6 in hereditary nonpolyposis colorectal cancer-suspected mutation-negative patients.**

Koehler U, Grabowski M, Bacher U, Holinski-Feder E. *Cancer Genet Cytogenet*. 2007;175(1):81-84. doi:[10.1016/j.cancergencyto.2007.01.008](https://doi.org/10.1016/j.cancergencyto.2007.01.008)

**Programmierbares, zytogenetisches Submikroliter-Chiplabor für molekular-diagnostische Anwendungen.**

S. Thalhammer S., Koehler U., et al. GenomXPress 2007 ISBN: 1617-562X, 1.07: 29-31.

## 2005

**Deletions account for 17% of pathogenic germline alterations in MLH1 and MSH2 in hereditary nonpolyposis colorectal cancer (HNPCC) families.**

Grabowski M, Mueller-Koch Y, Grasbon-Frodl E, Koehler U, Keller G, Vogelsang H, Dietmaier W, Kopp R, Siebers U, Schmitt W, Neitzel B, Gruber M, Doerner C, Kerker B, Ruemmele P, Henke G, Holinski-Feder E. *Genet Test*. 2005;9(2):138-146. doi:[10.1089/gte.2005.9.138](https://doi.org/10.1089/gte.2005.9.138)

## 2002

**Chromosome painting reveals that galagos have highly derived karyotypes.**

Stanyon R, Koehler U, Consigliere S. *Am J Phys Anthropol*. 2002;117(4):319-326. doi:[10.1002/ajpa.10047](https://doi.org/10.1002/ajpa.10047)

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**GTG banding pattern on human metaphase chromosomes revealed by high resolution atomic-force microscopy.**

Thalhammer S, Koehler U, Stark RW, Heckl WM. *J Microsc*. 2001;202(Pt 3):464-467. doi:[10.1046/j.1365-2818.2001.00909.x](https://doi.org/10.1046/j.1365-2818.2001.00909.x)

## 1998

**In situ hybridization (FISH) maps chromosomal homologies between *Alouatta belzebul* (Platyrrhini, Cebidae) and other primates and reveals extensive interchromosomal rearrangements between howler monkey genomes.**

Consigliere S, Stanyon R, Koehler U, Arnold N, Wienberg J. *Am J Primatol*. 1998;46(2):119-133. doi:[10.1002/\(SICI\)1098-2345\(1998\)46:2<119::AID-AJP2>3.0.CO;2-Z](https://doi.org/10.1002/(SICI)1098-2345(1998)46:2<119::AID-AJP2>3.0.CO;2-Z)

## 1997

**Fluorescence in situ hybridization establishes homology between human and silvered leaf monkey chromosomes, reveals reciprocal translocations between chromosomes homologous to human Y/5, 1/9, and 6/16, and delineates an X1X2Y1Y2/X1X1X2X2 sex-chromosome system.**

Bigoni F, Koehler U, Stanyon R, Ishida T, Wienberg J. *Am J Phys Anthropol*. 1997;102(3):315-327. doi:[10.1002/\(SICI\)1096-8644\(199703\)102:3<315::AID-AJPA2>3.0.CO;2-U](https://doi.org/10.1002/(SICI)1096-8644(199703)102:3<315::AID-AJPA2>3.0.CO;2-U)

**Mapping homology between human and black and white colobine monkey chromosomes by fluorescent in situ hybridization.**

Bigoni F, Stanyon R, Koehler U, Morescalchi AM, Wienberg J. *Am J Primatol*. 1997;42(4):289-298. doi:[10.1002/\(SICI\)1098-2345\(1997\)42:4<289::AID-AJP4>3.0.CO;2-T](https://doi.org/10.1002/(SICI)1098-2345(1997)42:4<289::AID-AJP4>3.0.CO;2-T)

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**Analysis of the organisation and localisation of the FSHD-associated tandem array in primates: implications for the origin and evolution of the 3.3 kb repeat family.**

Clark LN, Koehler U, Ward DC, Wienberg J, Hewitt JE. *Chromosoma*. 1996;105(3):180-189. doi:[10.1007/BF02509499](https://doi.org/10.1007/BF02509499)

**Chromosome painting defines genomic rearrangements between red howler monkey subspecies.**

Consigliere S, Stanyon R, Koehler U, Agoramorthy G, Wienberg J. *Chromosome Res*. 1996;4(4):264-270. doi:[10.1007/BF02263675](https://doi.org/10.1007/BF02263675)

**Comparative fluorescence in situ hybridization mapping of primate chromosomes with Alu polymerase chain reaction generated probes from human/rodent somatic cell hybrids.**

Müller S, Koehler U, Weinberg J, Marzella R, Finelli P, Antonacci R, Rocchi M, Archidiacono N. *Chromosome Res.* 1996;4(1):38-42. doi:[10.1007/BF02254943](https://doi.org/10.1007/BF02254943)

## 1995

**Genomic reorganization in the concolor gibbon (*Hylobates concolor*) revealed by chromosome painting.**

Koehler U, Bigoni F, Wienberg J, Stanyon R. *Genomics.* 1995;30(2):287-292. doi:[10.1006/geno.1995.9875](https://doi.org/10.1006/geno.1995.9875)

**Genomic reorganization and disrupted chromosomal synteny in the siamang (*Hylobates syndactylus*) revealed by fluorescence in situ hybridization.**

Koehler U, Arnold N, Wienberg J, Tofanelli S, Stanyon R. *Am J Phys Anthropol.* 1995;97(1):37-47. doi:[10.1002/ajpa.1330970104](https://doi.org/10.1002/ajpa.1330970104)

**Chromosomal painting shows that “marked chromosomes” in lesser apes and Old World monkeys are not homologous and evolved by convergence.**

Stanyon R, Arnold N, Koehler U, Bigoni F, Wienberg J. *Cytogenet Cell Genet.* 1995;68(1-2):74-78. doi:[10.1159/000133894](https://doi.org/10.1159/000133894)

**A novel type of unstable homogeneously staining region with a head-to-tail arrangement: spontaneous decay and reintegration of DNA elements into a plethora of new chromosomal sites.**

Koehler U, Abken H, Grummt F, Wienberg J, Weidle UH. *Cytogenet Cell Genet.* 1995;68(1-2):33-38. doi:[10.1159/000133883](https://doi.org/10.1159/000133883)

**Distinct mouse DNA sequences enable establishment and persistence of plasmid DNA polymers in mouse cells.**

Zastrow G, Koehler U, Müller F, Klavinius A, Wegner M, Wienberg J, Weidle UH, Grummt F. *Nucleic Acids Res.* 1989;17(5):1867-1879. doi:[10.1093/nar/17.5.1867](https://doi.org/10.1093/nar/17.5.1867)