

CURRICULUM VITAE

NAME: Jerilyn A. Walker

BIRTHPLACE: Marathon, New York

BIRTHDATE: April 27, 1965

MARITAL STATUS: Married: Tony Latiolais

ADDRESS:

OFFICE:

Batzer Laboratory of Comparative Genomics
Department of Biological Sciences
Louisiana State University
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EDUCATION

MASTER OF SCIENCE – Exercise Science - State University of New York at Buffalo
Department of Physical Therapy & Exercise Science, 1990.

BACHELOR OF SCIENCE - State University of New York at Cortland
Major: Physical Education; minor: Biology, 1987.

PROFESSIONAL EMPLOYMENT

RESEARCH ASSOCIATE – Batzer Laboratory of Comparative Genomics, Department of Biological Sciences, Louisiana State University, Baton Rouge, LA 70803.
Staff Scientist / Lab Manager for Dr. Mark A. Batzer, LSU Boyd Professor.
Coordinate laboratory operations, projects, supplies, grant funding and students.
05/2001 – Present

RESEARCH ASSOCIATE – Department of Pathology, Louisiana State University Health Sciences Center, New Orleans, LA 70112, Laboratory of Professor Mark A. Batzer.
PCR analysis of *Alu* mobile elements in human genomes and coordinate the move of the laboratory to LSU in Baton Rouge.
02/2001 – 04/2001

RESEARCH ASSOCIATE - Developmental Genetics Laboratory - Pennington Biomedical Research Center, Louisiana State University. Baton Rouge, LA 70808.
Genetic testing of laboratory rodents; manage genetic crosses; perform tissue dissection, DNA and RNA isolation, genotype by PCR, gel electrophoresis, ELISA and SNPs; gene mapping; gene expression analysis; supervise student assistants.
07/1993 – 01/2001

RESEARCH ASSISTANT - Muscle Function / Microcirculation Laboratory - University of Buffalo Research Foundation, Buffalo, NY 14214.

Conduct in-vivo video-microscopy experiments, perform surgery and skeletal muscle autographs on laboratory rodents, coordinate projects, write manuscripts, manage grant funding, teach undergraduate students.

09/1990 - 07/1993

TEACHING ASSISTANT – Department of Physical Therapy / Exercise Science, University of Buffalo, Buffalo, NY 14214. 09/1988 – 08/1990

CONSULTANT - Fitness Risk Management, Inc. Denver, CO.

Served the Buffalo, NY and southern Louisiana regions: Performed onsite safety inspections of local fitness facilities, interview representatives, submit written reports and recommendations to the Denver office.

12/1991 - 12/1993

ASSISTANT COORDINATOR AND FINANCIAL RECORDS MANAGER

University Housing / Residence Life Summer Conferences, University of Buffalo, NY.

Organize conference check-in / out, public relations, manage remittance and distribution of revenue (over \$200,000 each year).

09/1987 - 09/1989

PATENTS

Patents in the United States Patent and Trademark Office:

- 1) Title: MULTIPLEX PCR FOR SIMULTANEOUS QUANTITATION OF HUMAN NUCLEAR, MITOCHONDRIAL, AND MALE Y-CHROMOSOME DNA
Authors: **Jerilyn A. Walker**, Dale J. Hedges, Jaiprakash G. Shewale, Sudhir K. Sinha and Mark A. Batzer Patent Number: 7,405,044 Issued July 29, 2008.
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 2) Title: ASSAY FOR QUANTITATION OF HUMAN DNA USING *ALU* ELEMENTS
Authors: Sudhir K. Sinha, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,537,889 b2 Issued May 26, 2009
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 3) Title: ASSAY FOR SPECIES SOURCES (part I)
Authors: Sudhir K. Sinha, Jaiprakash G. Shewale, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,582,452 B2 Issued September 1, 2009
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 4) Title: ASSAY FOR SPECIES SOURCES (part II)
Authors: Sudhir K. Sinha, Jaiprakash G. Shewale, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,927,841 Issued April 19, 2011
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).

HONORS, AWARDS AND SERVICE

- Reviewer (*ad hoc*) for BMC Genetics, 2019- present
- Reviewer (*ad hoc*) for PLoS ONE, 2009- present
- Reviewer (*ad hoc*) for Analytical Biochemistry, 2006-present
- Reviewer (*ad hoc*) for GENE, 2007-present
- Graduate Teaching Assistantship: University of Buffalo. 1989 -1990.
- Graduate Student Association: Departmental President 1989-1990.
- Graduate Student Association: Departmental Treasurer 1988-1989.
- Residence Hall Mailroom Manager: State University of New York at Cortland, 1987.
- Residence Hall Advisor: State University of New York at Cortland, 1984-1986.
- Member: Cortland State Field Hockey Team, NCAA Division III, 1983.
- New York State Regent's Scholarship: 1983-1987.

SCIENTIFIC PRESENTATIONS

- Technical Support Working Group quarterly reviews (US Department of Defense)
 - Illinois State Police, Chicago, IL, June, 2003.
 - National Institute of Justice, Washington, DC, November 2003.
 - National Center for Forensic Science, Orlando, FL, March 2004.
 - Technical Support Working Group, Arlington, VA, August 2004.
 - Technical Support Working Group, Arlington, VA, December 2004.
 - Illinois State Police, Chicago, IL, July 2005.
 - Illinois State Police, Chicago, IL, February 2006.
- Fifteenth International Symposium on Human Identification, Phoenix, AZ. 2004.
- Federation of Experimental Biology Meeting. New Orleans, LA. 1997.
- Federation of Experimental Biology Meeting. Atlanta, GA. 1996.
- Meeting of the American Physiological Society. Colorado Springs, CO. 1992.
- American College of Sports Medicine. Orlando, FL. 1992.
- 5th World Congress for Microcirculation. Louisville, KY. 1991.
- Invited Guest Speaker: McMaster University. Hamilton Ontario, Canada. 1991.

PUBLICATIONS (Selected peer-reviewed publications in chronological order).

* denotes equal first authorship. ‡ denotes equal senior authors

1. **Walker, J. A.**, F. J. Cerny, J. R. Cotter, and H. W. Burton (1992) Attenuation of contraction-induced skeletal muscle injury by bromelain. *Medicine and Science in Sports and Exercise* **24**: 20-25. PMID: 1548991.
2. Burton, H. W. and **J. A. Walker** (1994) Delayed recovery of endothelium-dependent vasodilation in regenerating arterioles of skeletal muscle autografts. *Microvascular Research* **48**: 85-95. PMID: 7990725
3. Truett, G. E., R. J. Tempelman, and **J. A. Walker** (1995) Codominant effects of the fatty (fa) gene during early development of obesity. *American Journal of Physiology* [Endocrinol: Metab.31] **268**: E15-E20. PMID: 7840172

4. Truett, G. E., J. W. Brock, and **J. A. Walker** (1996) A rat homolog for the mouse deafness mutant jerker (je). *Mammalian Genome* **7**: 356-358. PMID: 8661723
5. **Walker, J. A.** and G. E. Truett (1997) An assay for the Cpe^{fat} obesity mutation created with a modified primer. *Mammalian Genome* **8**: 783-784. PMID: 9321478
6. Truett, G. E., R. J. Tempelman, **J. A. Walker**, and J. K. Wilson (1998) Misty (m) affects growth traits. *American Journal of Physiology* [Regulatory Integrative Comp. Physiol. 44] **275**: R29-R32. PMID: 9688956
7. Truett, G. E., **J. A. Walker**, J. B. Wilson, S. M. Redmann, Jr., R. T. Tulley, G. R. Eckardt, G. S. Plastow, and M. Lefevre (1998) ELISA detection of restriction site polymorphisms in the pig ryanodine receptor locus. *Mammalian Genome* **9**: 629-632. PMID: 9680382
8. Truett, G. E., **J. A. Walker**, and D. G. Baker (2000) Eradication of infection with *Helicobacter* spp. by use of neonatal transfer. *Comparative Medicine* **50**: 444-451. PMID: 11020165
9. Truett, G. E., P. Heeger, R. L. Mynatt, A. A. Truett, **J. A. Walker**, and M. L. Warman (2000) Preparation of PCR-quality mouse genomic DNA with hot sodium hydroxide and tris (HotSHOT). *Biotechniques* **29**: 52-54. PMID: 10907076
10. Truett, G. E., **J. A. Walker**, and R. B. S. Harris (2000) A developmental switch affecting growth of fatty rats. *American Journal of Physiology* [Regulatory Integrative Comp. Physiol.] **279**: R1956-R1963. PMID: 11080058
11. Hedges, D. J., **J. A. Walker**, P. A. Callinan, J. G. Shewale, S. K. Sinha and M. A. Batzer (2003) Mobile element-based assay for human gender determination. *Analytical Biochemistry* **312**: 77-79. PMID: 12479838
12. Watkins, W. S., A. R. Rogers, C. T. Ostler, M. J. Bamshad, A.-M. E. Brassington, M. L. Carroll, S. V. Nguyen, **J. A. Walker**, M. A. Batzer and L. B. Jorde (2003) Genetic variation among world populations using 100 *Alu* insertion polymorphisms. *Genome Research*. **13**: 1607-1618. PMID: 12805277
13. **Walker, J. A.**, G. E. Kilroy, J. Xing, J. Shewale, S. Sinha, and M. A. Batzer (2003) Human DNA quantitation using *Alu* element based PCR. *Analytical Biochemistry* **315**: 122-128. PMID: 12672420
14. **Walker, J. A.**, D. A. Hughes, B. A. Anders, J. Shewale, S. Sinha, and M. A. Batzer (2003) Quantitative intra-short interspersed element PCR for species-specific DNA identification. *Analytical Biochemistry* **316**: 259-269. PMID: 12711348
15. Vincent, B. J. , J. S. Myers, H. J. Ho, G. E. Kilroy, **J. A. Walker**, W. S. Watkins, L. B. Jorde and M. A. Batzer (2003) Following the LINEs: an Analysis of Primate Genomic Variation at Human-specific LINE-1 insertion sites. *Molecular Biology and Evolution* **20**: 1338-1348. PMID: 12777507
16. Callinan, P. A.* , D. J. Hedges*, A.-H. Salem, J. Xing, **J. A. Walker**, R. K. Garber, W. S. Watkins, M. J. Bamshad, L. B. Jorde and M. A. Batzer (2003) Comprehensive analysis of *Alu* associated diversity on the human sex chromosomes. *Gene* **317**: 103-110. PMID: 14604797

17. **Walker, J. A.**, R. K. Garber, G. E. Kilroy, D. Hedges, J. Xing and M. A. Batzer (2004) Resolution of mixed human DNA samples using mtDNA sequence variants. *Analytical Biochemistry* **325**: 171-173. PMID: 14715300
18. **Walker, J. A.**, D. A. Hughes, D. J. Hedges, B. A. Anders, M. E. Laborde, J. G. Shewale, S. K. Sinha and M. A. Batzer (2004) Quantitative PCR for DNA identification based on genome specific interspersed repetitive elements. *Genomics* **83**: 518-527. PMID: 14962678
19. Carter, A. B. *, A.-H. Salem,*, D. J. Hedges, C. Nguyen Keegan, B. Kimball, **J. A. Walker**, W. S. Watkins, L. B. Jorde and M. A. Batzer (2004) Genome wide analysis of the human *Alu* Yb lineage. *Human Genomics* **1**:167-178. PMID: 15588477
20. Otieno, A. C. *, A. B. Carter *, D. J. Hedges, **J. A. Walker**, D. A. Ray, R. K. Garber, B. A. Anders, N. Stoilova, M. E. Laborde, J. D. Fowlkes, C. H. Huang, B. Perodeau and M. A. Batzer (2004) Analysis of the human *Alu* Ya-lineage. *Journal of Molecular Biology* **342**:109-118. PMID: 15313610
21. **Walker, J. A.**, D. J. Hedges, B. P. Perodeau, K. E. Landry, N. Stoilova, M. E. Laborde, J. Shewale, S. K. Sinha and M. A. Batzer (2005) Multiplex PCR for simultaneous quantitation of human nuclear, mitochondrial, and male Y-chromosome DNA: Application in human identification. *Analytical Biochemistry* **337**:89-97. PMID: 15649380
22. Ray, D. A., **J. A. Walker**, A. Hall, B. Llewellyn, J. Ballantyne, A. T. Christian, K. Turtletaub and M. A. Batzer (2005) Inference of human geographic origins using *Alu* insertion polymorphisms. *Forensic Science International* **153**:117-124. PMID: 16139099
23. Wang, H. *, J. Xing*, D. Grover*, D. J. Hedges, K. Han, **J. A. Walker** and M. A. Batzer (2005) *SVA elements: a hominid specific retroposon family*. *Journal of Molecular Biology* **354**:994-1007. PMID: 16288912
24. Ray D. A. *, **J. A. Walker*** and M. A. Batzer (2007) Mobile element based forensic genomics. *Mutation Research* **616**:24-33. PMID: 17161440
25. Shewale, J. G., E. Schneida, J. Wilson, **J. A. Walker**, M. A. Batzer and S. K. Sinha (2007) Human genomic DNA quantitation system, H-Quant: Development and validation for use in forensic casework. *Journal of Forensic Sciences* **52**:364-370. PMID: 17316233
26. Mikkelsen T. S., B. Aken, C. T. Amemiya, J. L. Chang, S. Duke, M. Garber, A. J. Gentles, L. Goodstadt, A. Heger, J. Jurka, M. Kamal, E. Mauceli, S. M. J. Searle, T. Sharpe, M. L. Baker, M. A. Batzer, P. V. Benos, K. Belov, M. Clamp, A. Cook, J. Cuff, R. Das, J. E. Deakin, M. Grabherr, J. M. Grealley, W. Gu, R. L. Jirtle, S. Mahony, M. A. Marra, R. D. Miller, R. D. Nicholls, A. T. Papenfuss, Z. E. Parra, D. D. Pollock, D. A. Ray, J. E. Schein, T. P. Speed, J. L. VandeBerg, M. J. Wakefield, C. M. Wade, **J. A. Walker**, C. Webber, J. R. Weidman, X. Xie, M. C. Zody, Broad Institute Genome Sequencing Platform, Broad Institute Whole Genome Assembly Team, J. A. Marshall Graves, C. P. Ponting, M. Breen, P. B. Samollow, E. S. Lander and K. Lindblad-Toh (2007) Genome of the marsupial *Monodelphis domestica* reveals innovation in non-coding sequences. *Nature* **447**: 167-178 [cover article]. PMID: 17495919
27. Gu, W. *, D. A. Ray*, **J. A. Walker**, E. Barnes, A. J. Gentles, P. B. Samollow, J. Jurka, M. A. Batzer† and D. D. Pollock‡ (2007) SINEs, evolution and genomic structure in the opossum. *Gene* **396**: 46-58. PMID: 17442506

28. Warren W. C., L. W. Hillier, J. A. Marshall Graves, E. Birney, C. P. Ponting, F. Grützner, K. Belov, W. Miller, L. Clarke, A. T. Chinwalla, S.-P. Yang, A. Heger, D. P. Locke, P. Miethke, P. D. Waters, F. Veyrunes, L. Fulton, B. Fulton, T. Graves, J. Wallis, X. S. Puente, C. López-Otín, G. R. Ordóñez, E. E. Eichler, L. Chen, Z. Cheng, J. E. Deakin, A. Alsop, K. Thompson, P. Kirby, A. T. Papenfuss, M. J. Wakefield, T. Olender, D. Lancet, G. A. Huttley, A. F. A. Smit, A. Pask, P. Temple-Smith, M. A. Batzer, **J. A. Walker**, M. K. Konkel, R. S. Harris, C. M. Whittington, E. S. W. Wong, N. J. Gemmell, E. Buschiazzi, I. M. Vargas Jentzsch, A. Merkel, J. Schmitz, A. Zemann, G. Churakov, J. O. Kriegs, J. Brosius, E. P. Murchison, R. Sachidanandam, C. Smith, G. J. Hannon, E. Tsend-Ayush, D. McMillan, R. Attenborough, W. Rens, M. Ferguson-Smith, C. M. Lefèvre, J. A. Sharp, K. R. Nicholas, D. A. Ray, M. Kube, R. Reinhard, T. H. Pringle, J. Taylor, R. C. Jones, B. Nixon, J.-L. Dacheux, H. Niwa, Y. Sekita, X. Huang, A. Stark, P. Kheradpour, P. Flicek, Y. Chen, C. Webber, R. Hardison, J. Nelson, K. Hallsworth-Pepin, K. Delehaunty, C. Markovic, P. Minx, Y. Feng, C. Kremitzki, M. Mitreva, J. Glasscock, P. Wohldmann, P. Thiru, M. N. Nhan, C. S. Pohl, S. M. Smith, S. Hou, M. Nefedov, P. J. deJong, M. B. Renfree, E. R. Mardis and R. K. Wilson (2008) Genome analysis of the platypus reveals unique signatures of evolution. *Nature* **452**: 175-183 [cover article]. PMID: 18464734
29. Ray, D. A., K. Han, **J. A. Walker** and M. A. Batzer (2010) Laboratory methods for the analysis of primate mobile elements. In "Methods in Molecular Biology - Genetic Variation Edition", M. R. Barnes and G. Breen (Eds.), Humana Press Inc., Totowa, NJ 628: 153-79 PMID: PMC2880178. PMID: 20238081
30. Warren, W. C., D. F. Clayton, H. Ellegren, A. P. Arnold, L. W. Hillier, A. Kunstner, S. Searle, S. White, A. J. Vilella, S. Fairley, A. Heger, L. Kong, C. P. Ponting, E. Jarvis, C. V. Mello, P. Minx, S.-P. Yang, P. Lovell, T. A. F. Velho, M. Ferris, C. N. Balakrishnan, S. Sinha, C. Blatti, S. E. London, Y. Li, Y.-C. Lin, J. George, J. Sweedler, B. Southey, P. Gunaratne, M. Watson, K. Nam, N. Backstrom, L. Smeds, B. Nabholz, Y. Itoh, J. Howard, A. R. Pfening, O. Whitney, M. Völker, B. M. Skinner, D. K. Griffin, L. Ye, P. Flicek, V. Quesada, G. Velasco, C. Lopez-Otin, X. S. Puente, T. Olender, D. Lancet, A. F. A. Smit, R. Hubley, M. K. Konkel, **J. A. Walker**, M. A. Batzer, W. Gu, D. D. Pollock, L. Chen, Z. Cheng, E. E. Eichler, J. Stapley, J. Slate, R. Ekblom, T. Birkhead, T. Burke, D. Burt, C. Scharff, I. Adam, H. Richard, M. Sultan, A. Soldatov, H. Lehrach, S. Edwards, S.-P. Yang, T. Graves, L. Fulton, J. Nelson, A. Chinwalla, S. Hou, E. R. Mardis and R. K. Wilson (2010) The genome of a songbird. *Nature* **464**: 757-762. PMID: 20360741
31. Jazwinski, S. M., S. Kim, J. Dai, L. Li, X. Bi, J. C. Jiang, J. Arnold, M. A. Batzer, **J. A. Walker**, D. A. Welsh, C. M. Lefante, J. Volaufova, L. Myers, L. J. Su, D. B. Hausman, M. V. Miceli, E. Ravussin, L. W. Poon, K. E. Cherry and M. A. Welsch for the Georgia Centenarian Study and the Louisiana Healthy Aging Study (2010) HRAS1 and LASS1 with APOE are associated with human longevity and healthy aging. *Aging Cell*. **9**: 698-708. PMID: 20569235
32. The 1000 Genomes Project Consortium (2010) A map of human genome variation from population scale sequencing. *Nature* **467**: 1061-1073 [cover article]. PMID: 20981092
33. Konkel, M. K., **J. A. Walker** and M. A. Batzer (2010) LINEs and SINEs of primate evolution. *Evolutionary Anthropology*. **19** (6): 236-249. PMID: 25147443

34. Locke, D. P., L. W. Hillier, W. C. Warren, K. C. Worley, L. V. Nazareth, D. M. Muzny, S.-P. Yang, Z. Wang, A. T. Chinwalla, P. Minx, M. Mitreva, L. Cook, K. D. Delehaunty, C. Fronick, L. A. Fulton, R. S. Fulton, J. O. Nelson, V. Magrini, S. D. McGrath, C. Pohl, T. A. Graves, C. Markovic, A. Cree, H. H. Dinh, J. Hume, C. L. Kovar, G. R. Fowler, G. Lunter, S. Meader., A. Heger, C. P. Ponting, T. Marques-Bonet, C. Alkan, L. Chen, Z. Cheng, J. M. Kidd, E. E. Eichler, S. White, S. Searle, A. J. Vilella, P. Flicek, E. Birney, J. Ma, B. Raney, B. Suh, R. Burhans, J. Herrero, D. Haussler, R. Faria, O. Fernando, F. Darré, D. Farré, E. Gazave, M. Oliva, A. Navarro, R. Roberto, O. Capozzi, N. Archidiacono, G. D. Valle, S. Purgato, M. Rocchi, M. K. Konkel, **J. A. Walker**, B. Ullmer, M. A. Batzer, A. F. A. Smit, R. Hubley, C. Casola, D. R. Schrider, M. W. Hahn, V. Quesada, X. S. Puente, G. R. Ordoñez, C. López-Otín, T. Vinar, B. Brejova, A. Ratan, R. S. Harris, W. Miller, K. Prüfer, J. Kelso, B. Nickel, S. Pääbo, C. Kosiol, H. A. Lawson, V. Taliwal, A. L. Martins, A. Siepel, A. RoyChoudhury, X. Ma, J. Degenhardt, C. D. Bustamante, R. N. Gutenkunst, T. Mailund, J. Y. Dutheil, A. Hobolth, M. H. Schierup, L. Chernick, O. A. Ryder, Y. Yoshinaga, P. J. de Jong, G. M. Weinstock, J. Rogers, E. R. Mardis, R. A. Gibbs and R. K. Wilson (2011) Comparative and demographic analysis of orangutan genomes. *Nature*. **469**: 529-533 [cover article]. PMID: 21270892
35. Mills, R. E., K. Walter, D. A. Stewart, R. Handsaker, K. Chen, C. Alkan, A. Abyzov, S. C. Yoon, R. K. Cheetham, A. Chinwalla, D. F. Conrad, Y. Fu, F. Grubert., I. Hajirasouliha, F. Hormozdiari, Z. Iqbal, J. M. Kidd, M. K. Konkel, J. Korn, E. Khurana, D. Kura, H. J. K. Lam, J. Leng, R. Li, Y. Li, C.-Y. Lin, R. Luo, X. J. Mu, J. Nemesh, H. E. Peckham, T. Rausch, A. Scally, X. Shi, M. P. Stromberg, A. M. Stutz, A. E. Urban, **J. A. Walker**, J. Wu, Y. Zhang, Z. Zhang, M. A. Batzer, L. Ding, G. T. Marth, G. McVean, J. Sebat, M. Snyder, J. Wang, K. Ye, K. Ye, E. E. Eichler, M. B. Gerstein, M. E. Hurles, C. Lee, S. A. McCarroll and J. O. Korb on behalf of the 1000 Genomes Project (2011) Mapping copy number variation by population-scale genome sequencing. *Nature*. **470**: 59-65. PMID: 21293372
36. Stewart, C.*, D. Kural*, M. P. Stromberg*, W. P. Lee, **J. A. Walker**, M. K. Konkel, A. M. Stutz, A. E. Urban, F. Grubert, H. Y. K. Lam, C Huff, J. Xing, L. B. Jorde, M. A. Batzer, J. O.Korb, G. T. Marth and the 1000 Genomes Project (2011) A comprehensive map of mobile element insertion polymorphisms in humans. *PLoS Genetics* **7**: e1002236. PMID: 21876680
37. Cook, G. W., M. K. Konkel, J. D. Major III, **J. A. Walker**, K. Han and M. A. Batzer (2011) *Alu* pair exclusions in the human genome. *Mobile DNA* **2**: 10. PMID: 21943335
38. **Walker, J. A.***, M. K. Konkel*, B. Ullmer, C. P. Monceaux, O. A. Ryder, R. Hubley, A. F. A. Smit and M. A. Batzer (2012) Orangutan *Alu* quiescence reveals possible source element: support for ancient backseat drivers. *Mobile DNA* **3**:8. PMID: 22541534
39. Carbone, L., R. A. Harris, A. R. Mootnick, A. Milosavljevic, D. I. K. Martin, M. Rocchi, O. Capozzi, N. Archidiacono, M. K. Konkel, **J. A. Walker**, M. A. Batzer and P. J. de Jong (2012) Centromere remodeling in *Hoolock leuconedys* (*Hylobatidae*) uncovers a new transposable element unique to the gibbons. *Genome Biology and Evolution* **4**: 648-658 [cover article]. PMID: 22593550
40. The 1000 Genomes Project Consortium (2012) An integrated map of genetic variation from 1,092 human genomes. *Nature* **491**: 56-65. PMID: 23128226
41. Cook, G. W., M. K. Konkel, **J. A. Walker**, M. G. Bourgeois, M. L. Fullerton, J. T. Fussell, H. D. Herbold and M. A. Batzer (2013) A comparison of 100 human genes using an *Alu* element-based instability model. *PLoS ONE* **8**: e65188. PMID: 23755193

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