

QuickGene Reference List

-till 2014.June

1. Eliska Vaclavikova, Sarka Dvorakova, Richard Skaba, Lucie Pos, Vlasta Sykorova, Tereza Halkova, Josef Vcelak, Bela Bendlova. (2014) "RET Variants and Haplotype Analysis in a Cohort of Czech Patients with Hirschsprung Disease" PLoS ONE 9(6): e98957. doi:10.1371/journal.pone.0098957
2. Jen-Hau Chen, Yen-Ching Chen, Chien-Lin Mao, Jeng-Min Chiou, Chwen Keng Tsao, Keh-Sung Tsai. (2014) "Association between Secreted Phosphoprotein-1 (SPP1) Polymorphisms and Low Bone Mineral Density in Women" PLoS ONE 9(5): e97428. doi:10.1371/journal.pone.0097428
3. Yuichi Nozawa, Takeji Umemura, Satoru Joshiwa, Yoshihiko Katsuyama, Soichiro Shibata, et al. (2013) "KIR, HLA, and IL28B Variant Predict Response to Antiviral Therapy in Genotype 1 Chronic Hepatitis C Patients in Japan" PLoS ONE 8(12): e83381. doi:10.1371/journal.pone.0083381
4. Weng P-H, Chen J-H, Chen T-F, Sun Y, Wen L-L, et al. (2013) "CHRNA7 Polymorphisms and Response to Cholinesterase Inhibitors in Alzheimer's Disease" PLoS ONE 8(12): e84059. doi:10.1371/journal.pone.0084059
5. Cardemil C, Elgali I, Xia W, Emanuelsson L, Norlindh B, et al. (2013) "Strontium-Doped Calcium Phosphate and Hydroxyapatite Granules Promote Different Inflammatory and Bone Remodelling Responses in Normal and Ovariectomised Rats" PLoS ONE 8(12): e84932. doi:10.1371/journal.pone.0084932
6. Xue L, Pan C, Gu Z, Zhao S, Han B, et al. (2013) "Genetic Heterogeneity of Susceptibility Gene in Different Ethnic Populations: Refining Association Study of PTPN22 for Graves' Disease in a Chinese Han Population" PLoS ONE 8(12): e84514. doi:10.1371/journal.pone.0084514
7. Yatagai Y, Sakamoto T, Masuko H, Kaneko Y, Yamada H, et al. (2013) "Genome-Wide Association Study for Levels of Total Serum IgE Identifies HLA-C in a Japanese Population" PLoS ONE 8(12): e80941. doi:10.1371/journal.pone.0080941

8. Stolk L, Bouwland-Both MI, van Mill NH, Verbiest MMPJ, Eilers PHC, et al. (2013) "Epigenetic Profiles in Children with a Neural Tube Defect; A Case-Control Study in Two Populations" PLoS ONE 8(11): e78462. doi:10.1371/journal.pone.0078462
9. Coia V, Capocasa M, Anagnostou P, Pascali V, Scarnicci F, et al. (2013) "Demographic Histories, Isolation and Social Factors as Determinants of the Genetic Structure of Alpine Linguistic Groups" PLoS ONE 8(12): e81704. doi:10.1371/journal.pone.0081704
10. Volk M, Maver A, Lovrečić L, Juvan P, Peterlin B (2013) "Expression Signature as a Biomarker for Prenatal Diagnosis of Trisomy 21" PLoS ONE 8(9): e74184. doi:10.1371/journal.pone.0074184
11. Terasaki H, Kase S, Shirasawa M, Otsuka H, Hisatomi T, et al. (2013) "TNF- α Decreases VEGF Secretion in Highly Polarized RPE Cells but Increases It in Non- Polarized RPE Cells Related to Crosstalk between JNK and NF- κ B Pathways" PLoS ONE 8(7): e69994. doi:10.1371/journal.pone.0069994
12. Santos S, Baptista CS, Abreu RMV, Bastos E, Amorim I, et al. (2013) "ERBB2 in Cat Mammary Neoplasias Disclosed a Positive Correlation between RNA and Protein Low Expression Levels: A Model for erbB-2 Negative Human Breast Cancer" PLoS ONE 8(12): e83673. doi:10.1371/journal.pone.0083673
13. Hong S-H, Minai-Tehrani A, Chang S-H, Jiang H-L, Lee S, et al. (2013) "Knockdown of the Sodium-Dependent Phosphate Co-Transporter 2b (NPT2b) Suppresses Lung Tumorigenesis" PLoS ONE 8(10): e77121. doi:10.1371/journal.pone.0077121
14. Jie Liu, Jean Gratz, Caroline Amour, Gibson Kibiki, Stephen Becker, Lalitha Janaki, Jaco J. Verweij, Mami Taniuchi, Shihab U. Sobuz, Rashidul Haque, Doris M. Haverstick and Eric R. Houpt "A laboratory-developed TaqMan Array Card for simultaneous detection of 19 enter pathogens" J Clin Microbiol. 2013 Feb; 51(2):472-80
15. Athenia L Oldham, Heather S Drilling, Blake W Stamps, Bradley S Stevenson, and Kathleen E Duncan "Automated DNA extraction platforms offer solutions to challenges of assessing microbial biofouling in oil production facilities" AMB Express. 2012 Nov; 20; 2(1):60

16. Michelle A. Shipley, Jeffrey W. Koehler, David A. Kulesh, Timothy D. Minogue "Comparison of nucleic acid extraction platforms for detection of select biothreat agents for use in clinical resource limited settings" *J Microbiol Methods.* 2012 Oct; 91(1):179-83
17. Pereira JC, Chaves R, Bastos E, Leitão A, Guedes-Pinto H "An efficient method for genomic DNA extraction from different molluscs species" *Int J Mol Sci.* 2011; 12(11): 8086-95
18. Helen L. Rose, Caroline A. Dewey, Morgan S. Ely, Sarah L. Willoughby, Tanya M. Parsons, Victoria Cox, Phillipa M. Spencer, Simon A. Weller "Comparison of Eight Methods for the Extraction of *Bacillus atrophaeus* Spore DNA from Eleven Common Interferents and a Common Swab" *PLoS One.* 2011; 6(7): 22668
19. Hisao Yoshikawa, Funda Dogruman-AI, Songul Turk, Semra Kustimur, Neriman Balaban, Nedim Sultan "Evaluation of DNA extraction kits for molecular diagnosis of human *Blastocystis* subtypes from fecal samples" *Parasitol Res.* 2011 Oct; 109(4):1045-50
20. Batty EM, Wong THN, Trebes A, Argoud K, Attar M, et al. " Modified RNA-Seq Approach for Whole Genome Sequencing of RNA Viruses from Faecal and Blood Samples" *PLoS One.* 2013 June (6): e66129
21. Farah Y. Alul, Oleg A. Shchelochkov, Stanton L. Berberich, Jeffrey C. Murray, and Kelli K. Ryckman. "Genetic associations with neonatal thyroid stimulating hormone levels" *Pediatr Res.* 2013 April; 73(401)484–491.
22. Lee S, Paik SH, Kim H-J, Ryu HH, Cha S, et al. "Exomic Sequencing of Immune-Related Genes Reveals Novel Candidate Variants Associated with Alopecia Universalis" *PLoS ONE.* 2013, 8(1): e53613
23. Oliveira-Monteiro N., Lopes-Rodrigues V., Bastos E. and Guedes-Pinto H. "Suiformes conservation: a study case of strategies for DNA utilization" *J. Genet.* 2013.92, e49-e52
24. Kenta Iijima1, Noriyuki Okudaira, Masato Tamura, Akihiro Doi, Yoshikazu Saito, Mari Shimura, et al. "Viral protein R of human immunodeficiency virus type-1 induces retrotransposition of long interspersed element-1"

Iijima et al. Retrovirology 2013, 10:83

25. Emi E. Nakayama, Toshiaki Nakajima, Gurvinder Kaur, Jun-ich Mimaya, et al. "A Naturally Occurring Single Amino Acid Substitution in Human TRIM5a Linker Region Affects Its Anti-HIV Type 1 Activity and Susceptibility to HIV Type 1 Infection"
AIDS RESEARCH AND HUMAN RETROVIRUSES Volume 29, Number 6, 201
26. Sara Santos, Estela Bastos, Cláudia S. Baptista, Daniela Sá, Christophe Caloustian, et al. "Sequence Variants and Haplotype Analysis of Cat ERBB2 Gene: A Survey on Spontaneous Cat Mammary Neoplastic and Non-Neoplastic Lesions"
Int. J. Mol. Sci. 2012, 13, 2783-2800
27. Eyre DW, Cule ML, Griffiths D, Crook DW, Peto TEA, et al. "Detection of Mixed Infection from Bacterial Whole Genome Sequence Data Allows Assessment of Its Role in Clostridium difficile Transmission"
PLoS Comput Biol. 9(5): e1003059
28. Keisuke Mitamura, Yohichi Tagawa. "Points of RNA purification from RNase-rich tissues/organs"
Journal of Experimental Medicine. Vol.30. No.16 Oct.
29. Ella Va'zquez Domínguez, Marco Suárez Atilano, Warren Booth, Christopher González-Baca, Alfredo D. Cuaro'n. "Genetic evidence of a recent successful colonization of introduced species on islands: Boa constrictor imperator on Cozumel Island"
Biol Invasions. DOI 10.1007/s10530-012-0217-x
30. Shipley, Michelle A.; Koehler, Jeffrey W.; Kulesh, David A.; and Minogue, Timothy D. "Comparison of nucleic acid extraction platforms for detection of select biothreat agents for use in clinical resource limited settings"
US Army Research. 2012. Paper 224
31. Li Q, Wu H, Chen B, Hu G, Huang L, et al. (2012) "SNPs in the TGF- β Signaling Pathway Are Associated with Increased Risk of Brain Metastasis in Patients with Non-Small-Cell Lung Cancer"
PLoS ONE 7(12): e51713. doi:10.1371/journal.pone.0051713
32. Korencič A, Bordugov G, Kosir R, Rozman D, Golicnik M, et al. (2012) "The Interplay of cis-Regulatory Elements Rules Circadian Rhythms in Mouse Liver"
PLoS ONE 7(11): e46835. doi:10.1371/journal.pone.0046835

33. Groenenboom M, Gomez-Roldan V, Stigter H, Astola L, van Daelen R, et al. (2013) "The Flavonoid Pathway in Tomato Seedlings: Transcript Abundance and the Modeling of Metabolite Dynamics" PLoS ONE 8(7): e68960. doi:10.1371/journal.pone.0068960
34. Chen Y-C, Yip P-K, Huang Y-L, Sun Y, Wen L-L, et al. (2012) "Sequence Variants of Toll Like Receptor 4 and Late-Onset Alzheimer's Disease" PLoS ONE 7(12): e50771. doi:10.1371/journal.pone.0050771
35. Shi T-Y, Yang G, Tu X-Y, Yang J-M, Qian J, et al. (2012) "RAD52 Variants Predict Platinum Resistance and Prognosis of Cervical Cancer" PLoS ONE 7(11): e50461. doi:10.1371/journal.pone.0050461
36. Hayes CN, Akamatsu S, Tsuge M, Miki D, Akiyama R, et al. (2012) "Hepatitis B Virus-Specific miRNAs and Argonaute2 Play a Role in the Viral Life Cycle" PLoS ONE 7(10): e47490. doi:10.1371/journal.pone.0047490
37. Hurst RE, Hauser PJ, Kyker KD, Heinlen JE, Hodde JP, et al. (2013) "Suppression and Activation of the Malignant Phenotype by Extracellular Matrix in Xenograft Models of Bladder Cancer: A Model for Tumor Cell "Dormancy" PLoS ONE 8(5): e64181. doi:10.1371/journal.pone.0064181
38. Brettschneider J, Toledo JB, Van Deerlin VM, Elman L, McCluskey L, et al. (2012) "Microglial Activation Correlates with Disease Progression and Upper Motor Neuron Clinical Symptoms in Amyotrophic Lateral Sclerosis" PLoS ONE 7(6): e39216. doi:10.1371/journal.pone.0039216
39. Borobia AM, Lubomirov R, Ramírez E, Lorenzo A, Campos A, et al. (2012) "An Acenocoumarol Dosing Algorithm Using Clinical and Pharmacogenetic Data in Spanish Patients with Thromboembolic Disease" PLoS ONE 7(7): e41360. doi:10.1371/journal.pone.0041360
40. Genead R, Fischer H, Hussain A, Jaksch M, Andersson AB, et al. (2012) "Ischemia-Reperfusion Injury and Pregnancy Initiate Time-Dependent and Robust Signs of Up-Regulation of Cardiac Progenitor Cells" PLoS ONE 7(5): e36804. doi:10.1371/journal.pone.0036804
41. Lin K-P, Chen S-Y, Lai L-C, Huang Y-L, Chen J-H, et al. (2011) "Genetic Polymorphisms of a Novel Vascular Susceptibility Gene, Ninjurin2 (NINJ2), Are Associated with a Decreased Risk of Alzheimer's Disease"

PLoS ONE 6(6): e20573. doi:10.1371/journal.pone.0020573

42. Zhang Z, Tao L, Chen Z, Zhou D, Kan M, et al. (2011) “Association of Genetic Loci with Blood Lipids in the Chinese Population”
PLoS ONE 6(11): e27305. doi:10.1371/journal.pone.0027305
43. Nakata I, Yamashiro K, Yamada R, Gotoh N, Nakanishi H, et al. (2011) “Association between the SERPING1 Gene and Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Japanese”
PLoS ONE 6(4): e19108. doi:10.1371/journal.pone.0019108
44. Yu W-H, Hu H, Zhou Q, Xia Y, Amar S (2010) Bioinformatics Analysis of Macrophages Exposed to Porphyromonas gingivalis: Implications in Acute vs. Chronic Infections.
PLoS ONE 5(12): e15613. doi:10.1371/journal.pone.0015613
45. Takikita S, Schreiner C, Baum R, Xie T, Ralston E, et al. (2010) Fiber Type Conversion by PGC-1a Activates Lysosomal and Autophagosomal Biogenesis in Both Unaffected and Pompe Skeletal Muscle.
PLoS ONE 5(12): e15239. doi:10.1371/journal.pone.0015239
46. Harald Zahringer. “Old and New Ways to RNA: RNA extraction is the first step in a multitude of analytical molecular biological techniques that require high-quality RNA, free of RNAase, enzyme inhibitors, proteins and DNA”
Lab times. 2-2012 page.52
47. Angela N. Barrett, Thomas C.R. McDonnell, K.C. Allen Chan and Lyn S. Chitty. “Digital PCR Analysis of Maternal Plasma for Noninvasive Detection of Sickle Cell Anemia”
American Association for Clinical Chemistry. 2012
48. Masanobu Shinohara, Katsuhiro Io, Keisuke Shindo, Masashi Matsui, Takashi Sakamoto, Kohei Tada, Masayuki Kobayashi, Norimitsu Kadowaki & Akifumi Takaori-Kondo. “APOBEC3B can impair genomic stability by inducing base substitutions in genomic DNA in human cells”
Nature: Scientific Reports. 2012.2:806
49. Eyre DW, Golubchik T, Gordon NC, et al. “A pilot study of rapid benchtop sequencing of *Staphylococcus aureus* and *Clostridium difficile* for outbreak detection and surveillance”
BMJ Open 2012; 2:e001124

50. Tamotsu Irino, Munehiro Uemura, et al. "JAK2 V617F-Dependent Upregulation of PU.1 Expression in the Peripheral Blood of Myeloproliferative Neoplasm Patients" PLoS ONE. 2011. 6 (7): e22148
51. Ross JA, Koboldt DC, Staisch JE, Chamberlin HM, Gupta BP, et al. "Caenorhabditis briggsae Recombinant Inbred Line Genotypes Reveal Inter-Strain Incompatibility and the Evolution of Recombination" PLoS Genet 7(7): e1002174
52. J. Dostal, A. Hrdlicova1, P. Horak. "Progressive rod-cone degeneration (PRCD) in selected dog breeds and variability in its phenotypic expression" Veterinarni Medicina. 56, 2011 (5): 243–247
53. Elizabeth A Ottesen, Roman Marin, Christina M Preston, Curtis R Young, John P Ryan, Christopher A Scholin and Edward F DeLong. "Metatranscriptomic analysis of autonomously collected and preserved marine bacterioplankton" The ISME Journal (2011) 5, 1881–1895
54. Lucian Negur, George Popoiu, Mioara Matei, Doina Azoic, Anca Negur. "OPTIMIZATION AND COMPARATIVE EVALUATION OF NUCLEIC ACIDS EXTRACTION PROTOCOLS" Analele Științifice ale Universității „Alexandru Ioan Cuza”, Secțiunea Genetică și Biologie Moleculară, TOM XII, 2011
55. Jorge C. Pereira, Raquel Chaves, Estela Bastos, Alexandra Leitão and Henrique Guedes-Pinto. "An Efficient Method for Genomic DNA Extraction from Different Molluscs Species" Int. J. Mol. Sci. 2011, 12, 8086-8095
56. Takeji Umemura, Satoru Joshita, Suguru Yoneda, Yoshihiko Katsuyama, Tetsuya Ichijo, Akihiro Matsumoto, Kaname Yoshizawa, Masao Ota, Eiji Tanaka. "Serum IL-10 and IL-12p40 levels and IL28B Gene Polymorphisms: Pretreatment Prediction of Treatment Failure in Chronic Hepatitis C" Antiviral Therapy. 2011. 16(7):1073-1080
57. Kiyofumi Ohkusu and Takayuki Ezaki. "Update on molecular diagnostic and typing techniques and their use in the control of infectious diseases" Jpn. J. Chemother. Vol. 59 NO. 5
58. Jun Kitaura, Keiji Wada, Yasuo Fukui and Colin L. McLay. "MOLECULAR PHYLOGENETIC POSITION OF THE NEW ZEALAND SENTINEL CRAB, MACROPHTHALMUS (HEMIPLAX) HIRTIPES"

Koninklijke Brill NV, Leiden, 2010. Crustaceana 83 (11): 1315-1326

59. Masatomo Morita, Makoto Ohnishi, Eiji Arakawa, Shouji Yamamoto, et al. "Emergence and genetic diversity of El Tor Vibrio cholerae O1 that possess classical biotype ctxB among travel-associated cases of cholera in Japan" Journal of Medical Microbiology (2010), 59, 708–712
60. Lucy Costantino, Laura Claut, Valentina Paracchini, Domenico A. Coviello, Carla Colombo, et al. "A novel donor splice site characterized by CFTR mRNA analysis induces a new pseudo-exon in CF patients" Journal of Cystic Fibrosis 9 (2010) 411-418
61. Shunsuke Aoki and Taisuke Kasetani. "Methods of Genomic DNA Extraction of Mites and Fungi in House Dust" Report of Toyo Junior College of Food Technology and Toyo Institute of Food Technology 27, 1–8 (2009)
62. S. Alvarez-Perez, P. Alba, J.L. Blanco, M.E. Garcia. "Detection of toxigenic Clostridium difficile in pig feces by PCR" Veterinarni Medicina, 54, 2009 (8): 360–366
63. Sara Santos, Daniela Sá, Estela Bastos, Henrique Guedes-Pinto, Ivo Gut, Fátima Gärtner, Raquel Chaves. "An efficient protocol for genomic DNA extraction from formalin-fixed paraffin- embedded tissues" J.rvsc.2008.08.007 doi: 10.1016
64. Rui Maeda-Mamiya, Eisei Noiri, Hiroyuki Isobe, Waka Nakanishi, Koji Okamoto, Kent Doi, Takeshi Sugaya, Tetsuro Izumi, Tatsuya Homma, and Eiichi Nakamura. "In vivo gene delivery by cationic tetraamino fullerene" PNAS.0909223107 doi: 10.1073
65. Toshihiro Mori, Yoshihide Iwaki, Rie Hando, Hiroyuki Komazawa, Hiroko Otomo, et al. "QuickGene Series: Rapid and simple system for DNA/RNA extraction which uses polymer porous membrane" Japan Clinical Chemistry. 36:33-39, 2007
66. HARALD ZAHRINGER. "Spoilt for Choice: Finding the best kit for RNA or DNA extraction from a certain organism or tissue is definitely not an easy task. You may choose from a plethora of available kits and, of course, every vendor claims that his kit is the best." Lab times. 5-2007 page.50-58

67. Jun Watanabe, Yasumasa Mitani, Yuki Kawai, Takeshi Kikuchi, et al. "Use of a competitive probe in assay design for genotyping of the UGT1A1*28 microsatellite polymorphism by the smart amplification process" Bio Techniques 43:479-484 (October 2007) doi: 10.2144/000112563



KURABO INDUSTRIES LTD.
Bio-Medical Department

14-5, Shimokida-cho, Neyagawa-shi, Osaka 572-0823, Japan

Phone: +81-72-820-3079 FAX: +81-72-820-3095

Email: bio@ad.kurabo.co.jp

www.kurabo.co.jp/bio/English/