

Curriculum vita

Personal Information:

Surname: Akbari Eidgahi

Name: Mohammad Reza

Date of birth: 1965

Marital status: Married, one child

Degree: associate Professor (PhD in medical biotechnology) E-mail:

mrakbari201177@yahoo.com

I. Educational Background:

1987 B.Sc. in Biology, Gilan University, Iran

1990 M.Sc. in Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran

1998 Ph.D. in Biological products (Biotechnology), Pasteur Institute of Iran

1999 Fellow ship in Biotechnology, CHUV, Lausanne, Switzerland

Teaching experiences:

Genetic engineering for biotechnology PhD students since 2010- present

Molecular diagnosis of diseases for biotechnology PhD students since 2010-2015

Cell culture for biotechnology PhD students since 2015

Drug and vaccine application for PhD students since 2015

Cell and Molecular biology for MS, MSc and PhD students since 2002

Medical genetics for students of medicine and para medicine 1993-2012

Medical parasitology for students of medicine and para medicine 1990-2010

Work experiences:

Experiences in some genetic engineering and biotechnology fields such as:

- Gene Cloning in bacterial, yeast (*Pichia pastoris*) and mammalian systems
- Gene optimization
- Eukaryotic and prokaryotic expression systems
- Recombinant proteins and peptide production
- Recombinant monoclonal antibody production (mAb drugs)
- PCR-based methods
- Enzyme Immunoassay and Immunoblotting
- Vaccine Designing
- Bioinformatics
- Immunofluorescence Techniques
- Eukaryotic Cell Culture
- Work with laboratory animals

Completed or ongoing Projects:

projects	Financial Sponsoring organization and Date	
Design and develop of a duo-shRNA expression vector by a bidirectional tumor-specific promoter to silence simultaneously cyclin E and cyclin D1 genes on breast cancer cell line MDA-MB-231	SEMUMS/ (ATG)® 2014-2017	Supervisor
Production of Xolair monoclonal Antibody in CHO cell)Expression of a target monoclonal antibody using a targeted gene integration system (phiC31 integrase)	Ministry of Health 2014-2017	Supervisor
Production and optimization of a recombinant Streptokinase in <i>E. coli</i> and improvement of its biochemical properties using protein engineering methods	SEMUMS/SBUM 2015-2018	Supervisor
Designing and selection of small molecules to inhibit Wnt signaling pathways at the cellular level and studying its effect on proliferation and apoptosis in colon cancer cells	SEMUMS Pasteur Institute of Iran 2015in progress	Supervisor
Determining of Optimum points in polishing stage of recombinant drugs production (Erythropoietin)	SEMUMS Pasteur Institute of Iran 2015in progress	Supervisor
Optimization of chromatographic methods in the production process of recombinant erythropoietin	SEMUMS Pasteur Institute of Iran 2015- in progress	Supervisor
Functional Studies of In vitro Anticancer Potential and Antioxidant Activity of leaves Extract of <i>Ipomoea tricolor</i> against Human Cancer Cell Lines and their Molecular Mechanism.	SEMUMS IROST 2016-in progress	advisor
Production of Pexiganan-TP4 fusion antibacterial peptide (pexiganan-TP4) in <i>Pichia pastoris</i> and in vivo and in vitro evaluation of it against <i>H. pylori</i>	MUMS 2017-2019	Supervisor
Production of All-38 antibacterial peptide in <i>Pichia pastoris</i> as new antibiotic against <i>H. pylori</i>	Biotechnology Co. 2017-in progress	Supervisor
Interaction of dietary pattern and vitamin D binding protein gene polymorphism on diabetic nephropathy in adult patient with type 2 diabetes	TUMS 2016-2017	Supervisor

Production of recombinant Esat6:HspX (From Mycobacterium tuberculosis) as a Fusion protein with Fcγ2α Mouse IgG in <i>Pichia pastoris</i> and Evaluation of its Immunogenicity in Mice as a vaccine	Ministry of Health 2014-2016	advisor
Cloning and production of ESAT-6:CFP-10 (From Mycobacterium tuberculosis) as a Fusion protein with Fcγ2α Mouse IgG in <i>Pichia pastoris</i> and Evaluation of its Immunogenicity in Mice as a vaccine	Ministry of Health 2014-2016	advisor
Synthesis and clinical evaluation of antimicrobial peptides Tilapia pisidin (TP4), Melittin, Nisin A and Omiganan on dermal infections	Ministry of Health 2019	advisor
Construction and immunogenicity of a novel Fc-based subunit vaccine (ESAT-6:Fcγ2a) candidate against Mycobacterium tuberculosis	Ministry of Health 2014-2016	advisor
Cloning and Expression CFP10: mFcγ2 (From Mycobacterium tuberculosis) in <i>Pichia pastoris</i> and Evaluation of its Immunogenicity in Mice as a vaccine”	Ministry of Health 2014-2016	advisor
Production of recombinant follicle stimulating hormone (FSH) in <i>Pichia pastoris</i>	Ministry of Health 2012-2014	
Production of recombinant luteinizing hormone (LH) in <i>Pichia pastoris</i>	Biotechnology Co. 2017-in progress	
Production of recombinant Phytase enzyme in <i>Pichia pastoris</i>	SEMUMS 2015-in progress	
Production of Glucose oxidase in <i>Pichia pastoris</i> using and optimized synthetic gene	SEMUMS 2015-in progress	Supervisor
Cloning and mass production of Esat-6, Ag85B, PPE44, Cfp-10 and HspX proteins from Mycobacterium tuberculosis as recombinant fusion with human Fcγ1 of IgG1 and mouse Fcγ2α IgG in <i>Pichia pastoris</i> for Selective delivery and processing of Vaccine in APCs and evaluation of the immunogenicity in animal	Ministry of Health 2017-in progress	advisor
Correlation study of breast cancer and GSTP1 polymorphism	Biotechnology Co. 2015	Supervisor

Cloning and expression of enterotoxigenic <i>Escherichia coli</i> heat labile toxin B subunit gene in <i>Salmonella typhimurium</i> under the control of anaerobic and constitutive promoters and comparative immunological evaluation of them as a salmonella-based vaccine	SEMUMS 2011-2013	Supervisor
The comparison of short tandem repeat (STR) genome within human with chromatography and PCR methods in subjects referred to Legal Medicine Center of Khorasan	Tehran Legal Medicine Center 2014-2015	Supervisor
Determination of chlamydia pneumoniae in atherosclerosis plaques by PCR in the corpse referred to Tehran Legal Medicine Center	Tehran Legal Medicine Center 2016-2017	Supervisor
Detection of H. pylori infection in atherosclerosis plaques of 180 corpse in referred to forensic medicine	Tehran Legal Medicine Center 2016-2017	Supervisor

Researches experience and Selected Publications:

2021

Beheshti, F., Shabani, A. A., Akbari Eidgahi, M. R., Kookhaei, P., Vazirian, M., & Safavi, M. (2021). Anticancer Activity of Ipomoea purpurea Leaves Extracts in Monolayer and Three-Dimensional Cell Culture. *Evidence-Based Complementary and Alternative Medicine*, 2021.

2020

1. Moridi, K., Hemmaty, M., **Eidgahi, M. R. A.**, Najafi, M. F., Zare, H., Ghazvini, K., & Neshani, A. (2020). Construction, cloning, and expression of Melittin antimicrobial peptide using Pichia pastoris expression system. *Gene Reports*, 100900.
2. Shamsabadi, F. T., **Eidgahi, M. R. A.**, Yamchi, A., Guarnaccia, C., & Shahbazi, M. (2020). Proteomics Analysis Identified Hub Genes Associated With RNAi-Induced Silencing of G1 Cyclins in MDA-MB-231 Cells.
3. Noshahr, K. D., Shamsi, F., Valtchev, P., Kokhaei, P., Hemati, M., Eidgahi, M. R. A., & Khaleghian, A. (2020). Optimization of Post-Insertion Method to Conjugate Doxil with Anti-CD133 Monoclonal Antibodies: Investigating the Specific Binding and Cytotoxicity to Colorectal Cancer Cells in Vitro. *Saudi Pharmaceutical Journal*.
4. Kalhor, H., Rahimi, H., **Akbari Eidgahi, M. R.**, & Teimoori-Toolabi, L. (2020). Novel Small Molecules against Two Binding Sites of Wnt2 Protein as potential Drug Candidates for Colorectal Cancer: A Structure Based Virtual Screening Approach. *Iranian Journal of Pharmaceutical Research*. Corresponding author
5. Kalhor, H., Sadeghi, S., Marashiyani, M., Kalhor, R., Aghaei Gharehbolagh, S., **Akbari Eidgahi, M. R.**, & Rahimi, H. (2020). Identification of new DNA gyrase inhibitors based on bioactive compounds from streptomyces: structure-based virtual screening and molecular dynamics simulations approaches. *Journal of Biomolecular Structure and Dynamics*, 38(3), 791-806.

6. Liryaei, H., **Eidgahi, M. R. A.**, & Kaghazian, H. (2020) .Effects of industrial ultrafiltration process condition on the purity and structure of recombinant erythropoietin. *J Biochem Tech Special Issue (1)*: 87-93 Corresponding author
7. Liryaei, H., Kaghazian, H., & Eidgahi, M. R. A. (2020). Optimization of ultrafiltration process for human recombinant erythropoietin purification. *Journal of Advanced Pharmacy Education & Research| Jan-Mar, 10(S1)*
8. Farhadian, A., **Eidgahi, M. R. A.**, & Kaghazian, H. (2020) .Investigation of Harvest Storage Condition on the Purification Process Efficiency and Structure of Human Recombinant Erythropoietin in Pilot Scale. *J Biochem Tech Special Issue (1)*: 112-121 Corresponding author

2019

9. Eskandarion, M. R., Golmohamadi, T., Tabrizi, A. A., Nasr, R., Tabasi, M., Attaranzadeh, A., & Eidgahi, M. R. A. (2019). Optimizing denaturing HPLC as a robust technique for identification of Short Tandem Repeats (STR) in forensic medicine. *Journal of forensic and legal medicine*, 61, 108-114.
Corresponding author
10. Aghaeepoor, M., Akbarzadeh, A., Kobarfard, F., Shabani, A. A., Dehnavi, E., Jamshidi Aval, S., ... & Mohammad Reza **Akbari Eidgahi** (2019). Optimization and high level production of recombinant synthetic Streptokinase in *E. coli* using Response Surface Methodology Optimization and High Level Production of Recombinant Synthetic Streptokinase in *E. coli* Using Response Surface Methodology. *Iranian Journal of Pharmaceutical Research*.
Corresponding author
11. Neshani, A., Tanhaeian, A., Zare, H., **Eidgahi, M. R. A.**, & Ghazvini, K. (2019). Preparation and evaluation of a new biopesticide solution candidate for plant disease control using pexiganan gene and *Pichia pastoris* expression system. *Gene Reports*, 17, 100509.
12. Neshani, A., Zare, H., **Akbari Eidgahi, M. R.**, Hooshyar Chichaklu, A., Movaqar, A., & Ghazvini, K. (2019). Review of antimicrobial peptides with anti *Helicobacter pylori* activity. *Helicobacter*, 24(1), e12555.
13. Neshani, A., Zare, H., **Eidgahi, M. R. A.**, Khaledi, A., & Ghazvini, K. (2019). Epinecidin-1, a highly potent marine antimicrobial peptide with anticancer and immunomodulatory activities. *BMC Pharmacology and Toxicology*, 20(1), 33.
14. Neshani, A., Zare, H., **Eidgahi, M. R. A.**, Kakhki, R. K., Safdari, H., Khaledi, A., & Ghazvini, K. (2019). LL-37: Review of antimicrobial profile against sensitive and antibiotic-resistant human bacterial pathogens. *Gene Reports*, 17, 100519.
15. Kalhor, H., Sadeghi, S., Marashiyani, M., Kalhor, R., Aghaei Gharehbolagh, S., **Akbari Eidgahi, M. R.**, & Rahimi, H. (2019). Identification of new DNA gyrase inhibitors based on bioactive compounds from streptomyces: structure-based virtual screening and molecular dynamics simulations approaches. *Journal of Biomolecular Structure and Dynamics*, 1-16.
16. Jayedi, A., Mirzaei, K., Rashidy-Pour, A., Yekaninejad, M. S., Zargar, M. S., & **Eidgahi, M. R. A.** (2019). Dietary approaches to stop hypertension, mediterranean dietary pattern, and diabetic nephropathy in women with type 2 diabetes: a case-control study. *Clinical nutrition ESPEN*, 33, 164-170.

2018

17. Kalhor, H., Poorebrahim, M., Rahimi, H., Shabani, A. A., Karimipoor, M., **Eidgahi, M. R. A.**, & Teimoori-Toolabi, L. (2018). Structural and dynamic characterization of human Wnt2-Fzd7 complex using computational approaches. *Journal of molecular modeling*, 24(10), 274.
18. Eskandarion, M. R., Nasr, R., **EIDGAHI, A.**, REZA, M., MOZAFFARI, E., NOROUZI, M., & GHAREHDAGHI, J. (2018). Prevalence of Chlamydia pneumoniae Infection in Atherosclerotic Plaques of Corpses Referred to Iranian Legal Medicine Organization, Tehran. *Journal of Clinical & Diagnostic Research*, 12(6).
19. ESKANDARION, M. R., Reza, N. A. S. R., KHEZERLOO, J. K., **EIDGAHI, M. R. A.**, TABASI, M., GHASEMI, M., MOZAFFARI, E., ... & (2018). Detection of H. pylori Infection in Atherosclerotic Plaques of 180 Corpses in Referred to Forensic Medicine Center of Tehran in 2016-2017. *Iranian Journal of Public Health*, 47(11), 1780-1782.
20. Mohit, E., Nasr, R., Ghazvini, K., Bandegi, A. R., Eidgahi, A., & Reza, M. (2018). Evaluation of the Effect of Promoter Type on the Immunogenicity of the Live Recombinant Salmonella Vaccines Expressing Escherichia Coli Heat-labile Enterotoxins (LTB)(Special Issue-Autumn 2018). *Iranian Journal of Pharmaceutical Research*
Corresponding author
21. Neshani, A., Zare, H., Akbari Eidgahi, M. R., Hooshyar Chichaklu, A., Movaqar, A., & Ghazvini, K. (2018). Review of antimicrobial peptides with anti Helicobacter pylori activity. *Helicobacter*, e12555.
22. Neshani, A., Eidgahi, M. R. A., Zare, H., & Ghazvini, K. (2018). Extended-Spectrum Antimicrobial Activity of the Low Cost Produced Tilapia Piscidin 4 (TP4) Marine Antimicrobial Peptide. *Journal of Research in Medical and Dental Science*, 6(5), 327-334
23. Reza, N. A. S. R., KHEZERLOO, J. K., EIDGAHI, M. R. A., TABASI, M., GHASEMI, M., MOZAFFARI, E., ... & ESKANDARION, M. R. (2018). Detection of H. pylori Infection in Atherosclerotic Plaques of 180 Corpses in Referred to Forensic Medicine Center of Tehran in 2016-2017. *Iranian Journal of Public Health*, 47(11), 1780-1782
24. Pakdel, A., Eidgahi, M. R. A., & Bandegi, A. R. (2018). Association Between MspI Polymorphisms of the Apolipoprotein AI Gene and Hyperlipidemia in an Iranian Population. *Middle East Journal of Rehabilitation and Health*, 5(1).

2017

25. Aghaeepoor, Mojtaba, Farzad Kobarfard, **Mohammad Reza Akbari Eidgahi**, Aliakbar Shabani, Ehsan Dehnavi, Maryam Ahmadi, and Ali Akbarzadeh. "Optimization of culture media for extracellular expression of streptokinase in Escherichia coli using response surface methodology in combination with Plackett-Burman Design." *Tropical Journal of Pharmaceutical Research* 16, no. 11 (2017): 2567-2576.
26. Ahmadi, Maryam, Fereidoun Mahboudi, Samira Ahmadi, Saeedeh Ebadat, Fatemeh Nematpour, **Mohammad Reza Akbari Eidgahi**, and Fatemeh Davami. "PhiC31 integrase can improve the efficiency of different construct designs for monoclonal antibody expression in CHO cells." *Protein Expression and Purification* 134 (2017): 8995.
27. Baghani, A.A., Soleimanpour, S., Farsiani, H., Mosavat, A., Yousefi, M., Meshkat, Z., Rezaee, S.A., Jamehdar, S.A., **Eydgahi, M.R.A.**, Sadeghian, H. and Ghazvini, K., 2017. CFP10: mFcy2 as a novel tuberculosis vaccine candidate increases immune response in mouse. *Iranian journal of basic medical sciences*, 20(2), p.122.

28. Pakdel, Abbas, and Ahmad Reza Bandegi. "Lack of association between PstI polymorphism in the 3'flanking region of the apolipoprotein AI gene and serum lipids levels in an Iranian population." *Koomesh* (2017): 619-625.
29. Pakdel, A., Eidgahi, M. R. A., & Bandegi, A. R. (2017). Association Between MspI Polymorphisms of the Apolipoprotein AI Gene and Hyperlipidemia in an Iranian population. *Middle East Journal of Rehabilitation and Health*, (In Press).
30. Eskandarion, M., M. Najafi, M. **Akbari Eidgahi**, A. A. Tabrizi, A. Attaranzadeh, and T. Golmohamadi. "Comparing Genotyping of 8 Regions of Short Tandem Repeats (STR) in the Human Genome using DHPLC and Capillary Electrophoresis in People Referring to Forensic Medicine." *Int J Genomics Proteomics Metabolomics Bioinformatics* 2, no. 1 (2017): 20-27.

2016

31. Ahmadi, Maryam, Fereidoun Mahboudi, **Akbari Eidgahi, Mohammad Reza**, Reza Nasr, Fatemeh Nematpour, Samira Ahmadi, Saeedeh Ebadat, Mojtaba Aghaeepoor, and Fatemeh Davami. "Evaluating the efficiency of phiC31 integrase mediated monoclonal antibody expression in CHO cells." *Biotechnology progress* 32, no. 6 (2016): 1570-1576.
32. Maryam Ahmadi, Narges Damavandi, **Mohammad Reza Akbari Eidgahi**, Fatemeh Davami: Utilization of Site-Specific Recombination in Biopharmaceutical Production Iranian Biomedical Journal-2016, Volume: 20, Issue: 2 ,Pages: 68-76
33. Shamsabadi, Fatemeh T., **Mohammad Reza Akbari Eidgahi**, Parvaneh Mehrbod, Nasibeh Daneshvar, Zeenathul Nazariah Allaudin, Ahad Yamchi, and Majid Shahbazi. "Survivin, a Promising Gene for Targeted Cancer Treatment." *Asian Pacific Journal of Cancer Prevention* 17, no. 8 (2016): 3711-3719.
34. Farsiani, Hadi, Arman Mosavat, Saman Soleimanpour, Hamid Sadeghian, **Mohammad Reza Akbari Eydgahi**, Kiarash Ghazvini, Mojtaba Sankian, Ehsan Aryan, Saeid Amel Jamehdar, and Seyed Abdolrahim Rezaee. "Fc-based delivery system enhances immunogenicity of a tuberculosis subunit vaccine candidate consisting of the ESAT-6: CFP-10 complex." *Molecular BioSystems* 12, no. 7 (2016): 2189-2201.
35. Kebriaei, Abdollah, Mohammad Derakhshan, Zahra Meshkat, **Mohammad Reza Akbari Eidgahi**, Seyed Abdolrahim Rezaee, Hadi Farsiani, Arman Mosavat, Saman Soleimanpour, and Kiarash Ghazvini. "Construction and immunogenicity of a new Fc-based subunit vaccine candidate against Mycobacterium tuberculosis." *Molecular biology reports* 43, no. 9 (2016): 911-922.
36. Rezvani, J., Nasr, R., Shamsabadi, F., & **Eidgahi, M. R. A.** (2016). Frequency of VanA, VanB and VanH variants amongst vancomycin-resistant enterococci isolated from patients in a University hospital in central region of Iran. *Gastroenterology and Hepatology from bed to bench*. 9(4):308-315

2015

37. Bineshian, Farahnaz, Mohammad Hossien Yadegari, Zohre Sharifi, **Mohammadreza Akbari Eidgahi**, and Reza Nasr. "Identification of Candida Species Using MP65 Gene and Evaluation of the Candida albicans MP65 Gene Expression in BALB/C Mice." *Jundishapur journal of microbiology* 8, no. 5 (2015).

38. Soleimanpour, Saman, Hadi Farsiani, Arman Mosavat, Kiarash Ghazvini, **Mohammad Reza Akbari Eydgahi**, Mojtaba Sankian, Hamid Sadeghian, Zahra Meshkat, and Seyed Abdolrahim Rezaee. "APC targeting enhances immunogenicity of a novel multistage Fcfusion tuberculosis vaccine in mice." *Applied microbiology and biotechnology* 99, no. 24 (2015): 10467-10480.
39. Bandegi, Ahmad Reza, Mohsen Firoozrai, **Mohammad Reza Akbari Eidgahi**, and Parviz Kokhaei. "SstI Polymorphism of the Apolipoprotein CIII Gene in Iranian hyperlipidemic patients: a study in Semnan Province." *Iranian journal of basic medical sciences* 14, no. 6 (2011): 506.
40. Eskandarion, M., M. Najafi, **M. Akbari Eidgahi**, A. Alipour Tabrizi, and T. Golmohamadi. "Optimization of short tandem repeats (STR) typing method and allele frequency of 8 STR markers in referring to forensic medicine of Semnan Province." *Journal of medicine and life* 8, no. Spec Iss 4 (2015): 180.
41. Baghani, Aliasghar, Seyed Abdolrahim Rezaee, **Mohammad Reza Akbari Eidgahi**, and Kiarash Ghazvini. USE OF CFP-10-ANTIGEN WITH FCG2A IGG FOR VACCINE AGAINST TUBERCULOSIS: EFFECTIVE OR NON-EFFECTIVE?." *ijapbs* "Volume: 4: Issue-3: March-2015

2014

42. Nasr, Reza, and **Mohammad Reza Akbari Eidgahi**. "Construction of a synthetically engineered nirB promoter for expression of recombinant protein in Escherichia coli." *Jundishapur journal of microbiology* 7, no. 7 (2014).
43. Yadegari, Mohamad Hossen, Zohre Sharifi, **Akbari Eidgahi, Mohamad Reza**, and Reza Nasr. "Molecular identification of a 65 kDa mannoprotein encoded gene of Candida species by PCR." *Koomesh* 15, no. 3 (2014): 365-371.
44. Bandegi, Ahmad Reza, Mohsen Firoozray, and **M. R. Akbari-Eydgahi**. "Association between Lipoprotein Lipase Hind III Polymorphism and Serum Levels of Lipids in Semnan City." *Journal of Kerman University of Medical Sciences* 19, no. 3 (2012): 233242.

GenBank Records <http://www.ncbi.nlm.nih.gov>

ACCESSION EF198021 28-JAN-2007
 Homo sapiens clone pPIC9-F1-390 follicle-stimulating hormone beta subunit (FSHB) gene, complete cds.
 AUTHORS **Akbari Eidgahi, M.R.**, Shaebani, A.A. and Nasr, R.

ACCESSION ABM88373 28-JAN-2007
 DEFINITION follicle-stimulating hormone beta subunit [Homo sapiens].
 DBSOURCE accession [EF198021.1](#)
 AUTHORS **Akbari Eidgahi, M.R.**, Shaebani, A.A. and Nasr, R.

ACCESSION [DQ434892](#) 25-MAR-2006
 Homo sapiens clone pTV-E3-14 follicle-stimulating hormone beta subunit (FSHB) gene, exon 3 and partial cds.
 AUTHORS **Akbari Eidgahi, M.R.**, Shaebani, A.A. and Nasr, R.

ACCESSION ABD84005 25-MAR-2006 DBSOURCE [DQ434892.1](#)
 follicle-stimulating hormone beta subunit [Homo sapiens].
 AUTHORS **Akbari Eidgahi, M.R.**, Shaebani, A.A. and Nasr, R.

ACCESSION [DQ386645](#) 27-FEB-2006
Homo sapiens clone pTV-E2-9 follicle-stimulating hormone beta subunit (FSHB) gene, exon 2 and partial cds.
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION ABD46886 27-FEB-2006 DBSOURCE [DQ386645.1](#) follicle-stimulating hormone beta subunit [Homo sapiens].
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION [DQ372074](#) 12-FEB-2006
Echinococcus granulosus antigen B subunit mRNA, complete cds. AUTHORS Pazoky,R., Kazemi,B., Nazari,M.R., **Akbari,M.R.** and Masoud,J.

ACCESSION ABD14410 12-FEB-2006 DBSOURCE [DQ372074.1](#)
antigen B subunit [Echinococcus granulosus] AUTHORS Pazoky,R., Kazemi,B., Nazari,M.R., **Akbari,M.R.** and Masoud,J.

ACCESSION EU081884 10-SEP-2007
Homo sapiens clone pPIC9-F1-2000 follicle-stimulating hormone beta subunit precursor (FSHB) gene, exons 2, 3 and complete cds. AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R

ACCESSION ABU96749 10-SEP-2007 follicle-stimulating hormone beta subunit precursor [Homo sapiens]. accession [EU081884.1](#)
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION EU081885 10-SEP-2007
Homo sapiens clone pPIC9-F2-2000 follicle-stimulating hormone beta subunit (FSHB) gene, exons 2, 3 and partial cds. AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION ABU96750 10-SEP-2007 DBSOURCE [EU081885.1](#) follicle-stimulating hormone beta subunit [Homo sapiens]. AUTHORS Akbari Eidgahi,M.R., Shaebani,A.A. and Nasr,R.

ACCESSION EU081886 2742 bp DNA 10-SEP-2007
Homo sapiens clone pT.V-F2700 follicle-stimulating hormone alpha subunit (FSHA) gene, exons 2 through 4 and complete cds. AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION ABU96751 10-SEP-2007
DEFINITION follicle-stimulating hormone alpha subunit [Homo sapiens].
DBSOURCE accession [EU081886.1](#) AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A. and Nasr,R.

ACCESSION EU532182 29-MAR-2008
DEFINITION Aspergillus niger clone pPIC9GO-sigG glucose oxidase gene, partial
cds.
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A., Raheb,J., Moeini,R. and Nasr,R.

ACCESSION ACB30370 29-MAR-2008 DEFINITION glucose
oxidase [Aspergillus niger].
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A., Raheb,J., Moeini,R. and
Nasr,R.

ACCESSION EU532181 29-MAR-2008
DEFINITION Aspergillus niger clone pPIC9GO+sigA glucose oxidase gene, partial
cds.
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A., Raheb,J., Moeini,R. and Nasr,R.

ACCESSION ACB30369 29-MAR-2008
DEFINITION glucose oxidase [Aspergillus niger].
AUTHORS **Akbari Eidgahi,M.R.**, Shaebani,A.A., Raheb,J., Moeini,R. and Nasr,R.

FJ624079 351 bp mRNA linear PRI 18-FEB-2009
DEFINITION Homo sapiens clone F1-351a follicle-stimulating hormone
alphasubunit (CGA) mRNA, complete cds. **Akbari Eidgahi,M.R.**, Shaebani,A.A.
and Nasr,R.

FJ624078 279 bp mRNA linear PRI 18-FEB-2009
DEFINITION Homo sapiens clone F2-351a follicle-stimulating hormone alpha
subunit (CGA) mRNA, partial cds. **Akbari Eidgahi,M.R.**, Shaebani,A.A. and
Nasr,R.

EF585489 336 bp mRNA linear PRI 08-APR-2009
DEFINITION Homo sapiens clone pPIC9-F2-336 follicle-stimulating hormone
beta subunit precursor (FSHB) mRNA, partial cds. **Akbari Eidgahi,M.R.**,
Shaebani,A.A. and Nasr,R.

[Homo sapiens isolate sangsar121 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession:JN589013.1
GI:367057643

[Homo sapiens isolate sangsar117 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession:JN589011.1
GI:367057641

[Homo sapiens isolate sangsar101 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589009.1

GI: 367057639

[Homo sapiens isolate sangsar95 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589007.1

GI: 367057637

[Homo sapiens isolate sangsar92 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN589005.1

GI: 367057635

[Homo sapiens isolate sangsar3 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578757.1

GI: 367057633

[Homo sapiens isolate sangsar12 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578755.1

GI: 367057631

[Homo sapiens isolate sangsar27 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578753.1

GI: 367057629

[Homo sapiens isolate sangsar40 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578751.1

GI: 367057627

[Homo sapiens isolate sangsar50 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578749.1

GI: 367057625

[Homo sapiens isolate sangsar73 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578747.1

GI: 367057623

[Homo sapiens isolate sangsar79 D-loop, partial sequence; mitochondrial](#) 523 bp linear DNA

Accession: JN578745.1

GI: 367057621

[Homo sapiens isolate sangsar84 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578743.1

GI: 367057619

[Homo sapiens isolate sangsar79 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578741.1

GI: 367057617

[Homo sapiens isolate sangsar54 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578739.1

GI: 367057615

[Homo sapiens isolate sangsar41 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578737.1

GI: 367057613

.

[Homo sapiens isolate sangsar38 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578735.1

GI: 367057611

[Homo sapiens isolate sangsar14 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578733.1

GI:367057609

[Homo sapiens isolate sangsar7 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578731.1 GI:

367057607 [GenBank](#) [FASTA](#)

[Graphics](#)

20.

[Homo sapiens isolate sangsar121 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589012.1

GI: 367057642

[Homo sapiens isolate sangsar117 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589010.1

GI: 367057640

[Homo sapiens isolate sangsar95 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN589008.1

GI: 367057638

[Homo sapiens isolate sangsar93 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589006.1

GI: 367057636

.

[Homo sapiens isolate sangsar92 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN589004.1

GI: 367057634

[Homo sapiens isolate sangsar7 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578756.1

GI: 367057632

[Homo sapiens isolate sangsar14 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578754.1

GI: 367057630

[Homo sapiens isolate sangsar38 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578752.1

GI: 367057628

[Homo sapiens isolate sangsar41 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578750.1

GI: 367057626

[Homo sapiens isolate sangsar66 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578748.1

GI: 367057624

[Homo sapiens isolate sangsar75 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578746.1

GI: 367057622

[Homo sapiens isolate sangsar82 D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN578744.1

GI: 367057620

[Homo sapiens isolate sangsar82 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578742.1 GI:

367057618 [GenBank](#) [FASTA](#)

[Graphics](#)

33.

[Homo sapiens isolate sangsar75 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578740.1

GI: 367057616

[Homo sapiens isolate sangsar50 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578738.1

GI: 367057614

[Homo sapiens isolate sangsar40 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578736.1

GI: 367057612

[Homo sapiens isolate sangsar27 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578734.1

GI: 367057610

[Homo sapiens isolate sangsar12 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578732.1

GI: 367057608

[Homo sapiens isolate sangsar3 D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN578730.1

GI: 367057606

[Homo sapiens isolate sangsar1-HVII D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN572899.1

GI: 365919143

[Homo sapiens isolate Jahrom122-HVII D-loop, partial sequence; mitochondrial](#)

307 bp linear DNA

Accession: JN572897.1

GI: 365919141

[Homo sapiens isolate sangsar1-HVI D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN572898.1

GI: 365919142

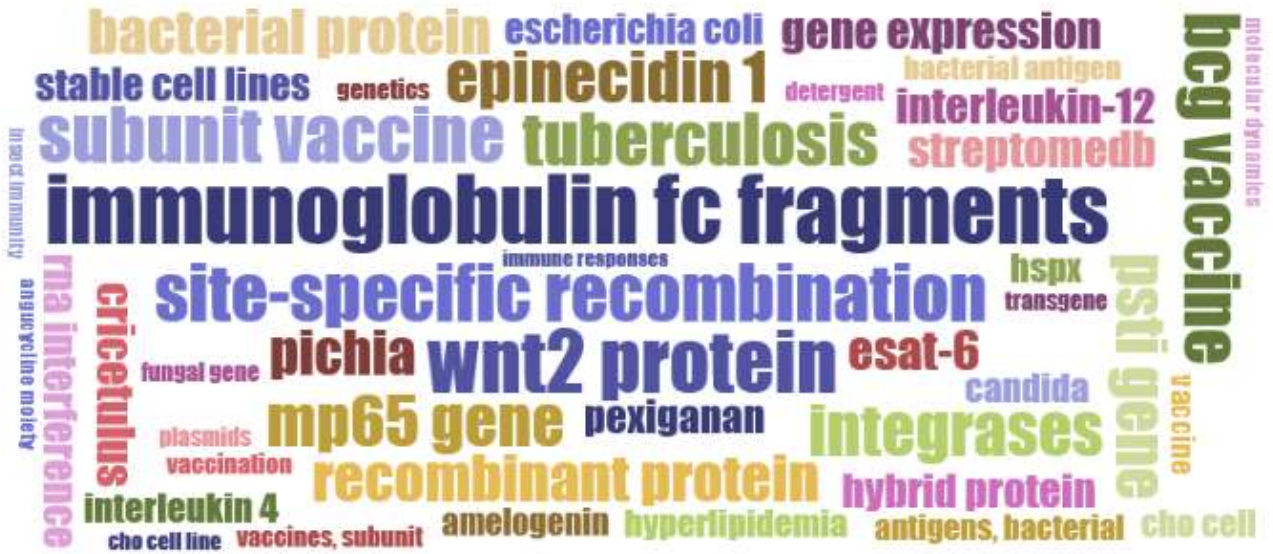
[Homo sapiens isolate Jahrom122-HVI D-loop, partial sequence; mitochondrial](#)

523 bp linear DNA

Accession: JN572896.1

GI: 365919140

Research Areas



International Collaboration Articles

Scopus



Web of Science (ISI)

