


Scope: Format: Amount: GEO accession:

Series GSE22255

[Query DataSets for GSE22255](#)

Status	Public on Dec 31, 2011
Title	Blood genomic expression profile for ischemic stroke (IS)
Organism	Homo sapiens
Experiment type	Expression profiling by array
Summary	Stroke is a “ brain attack ” cutting off vital blood, and consequently the nutrients and oxygen vital to the brain cells that control everything we do. Stroke is a complex disease with unclear pathogenesis resulting from environmental and genetic factors. To better understand IS’s etiology, we performed genomic expression profiling of patients and controls.
Overall design	Gene expression profiling was performed in peripheral blood mononuclear cells (PBMCs) of 20 IS patients and 20 sex- and age-matched controls using Affymetrix microarrays.
Contributor(s)	Krug T , Ferro JM , Silva MR , Matos I , Lopes G , Oliveira SA
Citation(s)	Krug T, Gabriel JP, Taipa R, Fonseca BV et al. TTC7B emerges as a novel risk factor for ischemic stroke through the convergence of several genome-wide approaches. <i>J Cereb Blood Flow Metab</i> 2012 Jun;32(6):1061-72. PMID: 22453632
Submission date	Jun 09, 2010
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Country	Portugal
Platforms (1)	GPL570 [HG-U133_Plus_2] Affymetrix Human Genome U133 Plus 2.0 Array
Samples (40)	GSM554014 PBMCs_Control_1 [IS]  Less... GSM554015 PBMCs_Control_2 [IS]

[GSM554016](#) PBMCs_Control_3 [IS]
[GSM554017](#) PBMCs_Control_4 [IS]
[GSM554018](#) PBMCs_Control_5 [IS]
[GSM554019](#) PBMCs_Control_6 [IS]
[GSM554020](#) PBMCs_Control_7 [IS]
[GSM554021](#) PBMCs_Control_8 [IS]
[GSM554022](#) PBMCs_Control_9 [IS]
[GSM554023](#) PBMCs_Control_10 [IS]
[GSM554024](#) PBMCs_Control_11 [IS]
[GSM554025](#) PBMCs_Control_12 [IS]
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Relations

BioProject



[PRJNA128749](#)

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- MINiML formatted family file(s)
- Series Matrix File(s)

Format

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- MINiML 
- TXT 

Supplementary file	Size	Download	File type/resource
GSE22255_RAW.tar	316.4 Mb	(http)(custom)	TAR (of CEL)
Raw data provided as supplementary file			
Processed data included within Sample table			