

**Re: SD values**

Tuesday, March 1, 2011 5:10 PM

From: "anatoliy kravets" <dr_tkravets@yahoo.com>**To:** "Hong Qin" <hqin@spelman.edu>

3 Files (2125KB)



0610 Tables



summary.so



summary.so

Dear Hong,

The files you may find in Attachment include:

Table combined Expression and CGH data (file: 0610 Tables---position Chr4 and Chr7.xls). Chr4 and Chr7 genes are on corresponding spreadsheet ("Chr4" and "Chr7").

List of orfs and their "cd ratio" values for Ch4 (file: "summary.sor55.nonCh5Norm.060408_Anatoliy_Ch4.xls").

List of orfs and their "cd ratio" values for Ch7 (file: "summary.sor55.nonCh5Norm.060408_Anatoliy_Ch7.xls").

Both lists were extracted from your major file: "summary.sor55.nonCh5Norm.060408.xls"

If you need this file, I will send it to you immediately.

Concerning the list of different genes. Elena assured me that such list was compound by Feng. I had sent him e-mail requiring it. The very moment I get it I will forward it to you.

Best,

Anatoliy

From: Hong Qin <hqin@spelman.edu>
To: anatoliy kravets <dr_tkravets@yahoo.com>
Sent: Tue, March 1, 2011 3:31:31 PM
Subject: Re: SD values

Hello Anatoliy, Please send me this list of genes as well, thanks -- hong

From: anatoliy kravets <dr_tkravets@yahoo.com>

To: Hong Qin <hong.qin@yahoo.com>
Sent: Tue, March 1, 2011 3:27:32 PM
Subject: Re: SD values

Dear Hong,

Before to send you the whole set, I want to mention the problem. There are genes in Feng Table that are not in the list of the genes from Ch4 and Ch7 in your file. Elena told that they may come from the other chromosomes due to recent up-dates in CGD, therefore, they might be located in your Table somewhere else, but not with Ch4 and Ch7 genes. Still, we need sd ratio for them.

Would you need the list of such mismatched genes, or it would not interfere with your approach?

Best,

Anatoliy

From: Hong Qin <hong.qin@yahoo.com>
To: anatoliy kravets <dr_tkravets@yahoo.com>
Sent: Mon, February 28, 2011 11:19:28 PM
Subject: Re: SD values

One way is to sort the genes by their orf numbers. You can use Excel to compare the two columns of sorted orf numbers and use 'MATCH' function to find the match and unmatched orf numbers. I think "if else" statement should also work in this case. -- Hong

--- On Mon, 2/28/11, anatoliy kravets <dr_tkravets@yahoo.com> wrote:

From: anatoliy kravets <dr_tkravets@yahoo.com>
Subject: Re: SD values
To: "Hong Qin" <hong.qin@yahoo.com>
Cc: elena_bulgac@urmc.rochester.edu
Date: Monday, February 28, 2011, 10:04 PM

Dear Hong,

Thank you for your answer.

I have another question: How to insert data on sd ratio into the table compound by Yang Feng where the Expression data are connected to CGH data. The problem is that order of the genes in your summary.sor55.nonCh5Norm.060408.xls is

different that order in Yang Feng table. And also there is the difference in total number of genes. E.g., there are 20 genes more in your table than in Yang Feng Table. Suppose, the number of genes in Yang Feng table is correct since he used recent update of CGH.

Then, how to eliminate extra genes in your list?

Thanks a lot!

Anatoliy

From: Hong Qin <hong.qin@yahoo.com>
To: anatoliy kravets <dr_tkravets@yahoo.com>
Sent: Mon, February 28, 2011 8:21:08 PM
Subject: Re: SD values

Hello Anatoliy,

We have provided the entire data set on NCBI GEO database. So, in principle, we do not have to provide the data in supplement data. So, I think the sd.ratio is good enough.

Hong

--- On **Mon, 2/28/11, anatoliy kravets**
<dr_tkravets@yahoo.com> wrote:

From: anatoliy kravets <dr_tkravets@yahoo.com>
Subject: SD values
To: "Hong Qin" <hong.qin@yahoo.com>
Date: Monday, February 28, 2011, 8:06 PM

Dear Hong,

It is nice to write to you.

I have a question concerning "sd" values. In our paper in PLOS One, table on Ch5 expression includes separated sd values after each Mean, as well as sd for Ratio. But folder a2 (sheet "a2") in you major file "summary.sor55.nonCh5Norm.060408.xls" contains only "sd.ratio".

Question is: how is sd important for individual Mean and should we include them in our Table or not? If so, where could I find them?

Best,

Anatoliy