**Appion - Feature #504**

**Stack filtering by mean and std dev**

05/19/2010 10:24 AM - Bridget Carragher

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
<th>Start date:</th>
<th>05/19/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>Appion/Leginon Future Version</td>
<td>Spent time:</td>
<td>0.00 hour</td>
</tr>
</tbody>
</table>

**Description**

Feature request for stack filtering by mean and standard deviation.  
see: [http://cronus3.scripps.edu/myamiweb/processing/subStack.php?expId=7647&sId=1299&mean=1](http://cronus3.scripps.edu/myamiweb/processing/subStack.php?expId=7647&sId=1299&mean=1)

It would be great to know how many particles are included vs. excluded once the trapezoid is drawn. It would almost be great to be able to see the trapezoid on the images montage in some way so that one knew what one was excluding. It is hard to know how the image montage relates tot he trapezoid in general - maybe the axes could be marked up?

I know that these are big changes and likely to take some time but I think these kinds of stack filtering tools are critical and useful.

**History**

**#1 - 05/19/2010 03:23 PM - Neil Voss**
- Target version set to Appion/Leginon 2.0.0

**#2 - 05/19/2010 04:22 PM - Neil Voss**
- Target version deleted (Appion/Leginon 2.0.0)

**#3 - 06/16/2010 07:11 PM - Neil Voss**
- Target version set to Appion/Leginon Future Version