```
In [1]:
import pandas as pd
In [9]:
import numpy as np
In [2]:
df = pd.read_table('integrated.tsv', sep='\t')
In [5]:
NAA_GSEs = ['GSE3350', 'GSE3350(1', 'GSE3350(2', 'GSE42896']
IAA_GSEs = ['GSE35580', 'GSE35580(1', 'GSE35580(2', 'GSE35580(3', 'GSE35580(4',
'GSE7432', 'GSE71737']
# auxin concentration: High -> Low
In [6]:
df[df['p-value'] < 0.01][['Probe Set ID'] + NAA_GSEs + IAA_GSEs].to_csv('toR_Pva</pre>
lue_001.tsv', sep='\t')
In [20]:
df['std'] = 0
In [17]:
df.loc[i][NAA_GSEs + IAA_GSEs]
Out[17]:
GSE3350
                  -0.476
                0.454559
GSE3350(1
GSE3350(2
                    0.11
              0.00646512
GSE42896
GSE35580
                 1.37228
               -0.426163
GSE35580(1
GSE35580(2
                0.974272
GSE35580(3
               0.0923416
                -1.32642
GSE35580(4
GSE7432
               0.0369477
GSE71737
                0.644288
Name: 22809, dtype: object
In [22]:
for i in df.index:
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In [27]:
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high\_std = df[df['std'] > 0.928539]
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df.loc[i, 'std'] = np.std(df.loc[i][NAA_GSEs + IAA_GSEs])