

a.

For each plate and each feature

Apply two-factor ANOVA  
DMSO - control wells

No plate effects detected

Calculate Robust Z – scores

If p - value  
is significant

Plate effects  
detected

Apply median polish to  
full plate

Calculate B – scores

c.

Standardize each cell  
to the controls

b.

Apply median polish adjustment amount  
to per well cell distributions

d.

Visualizations

