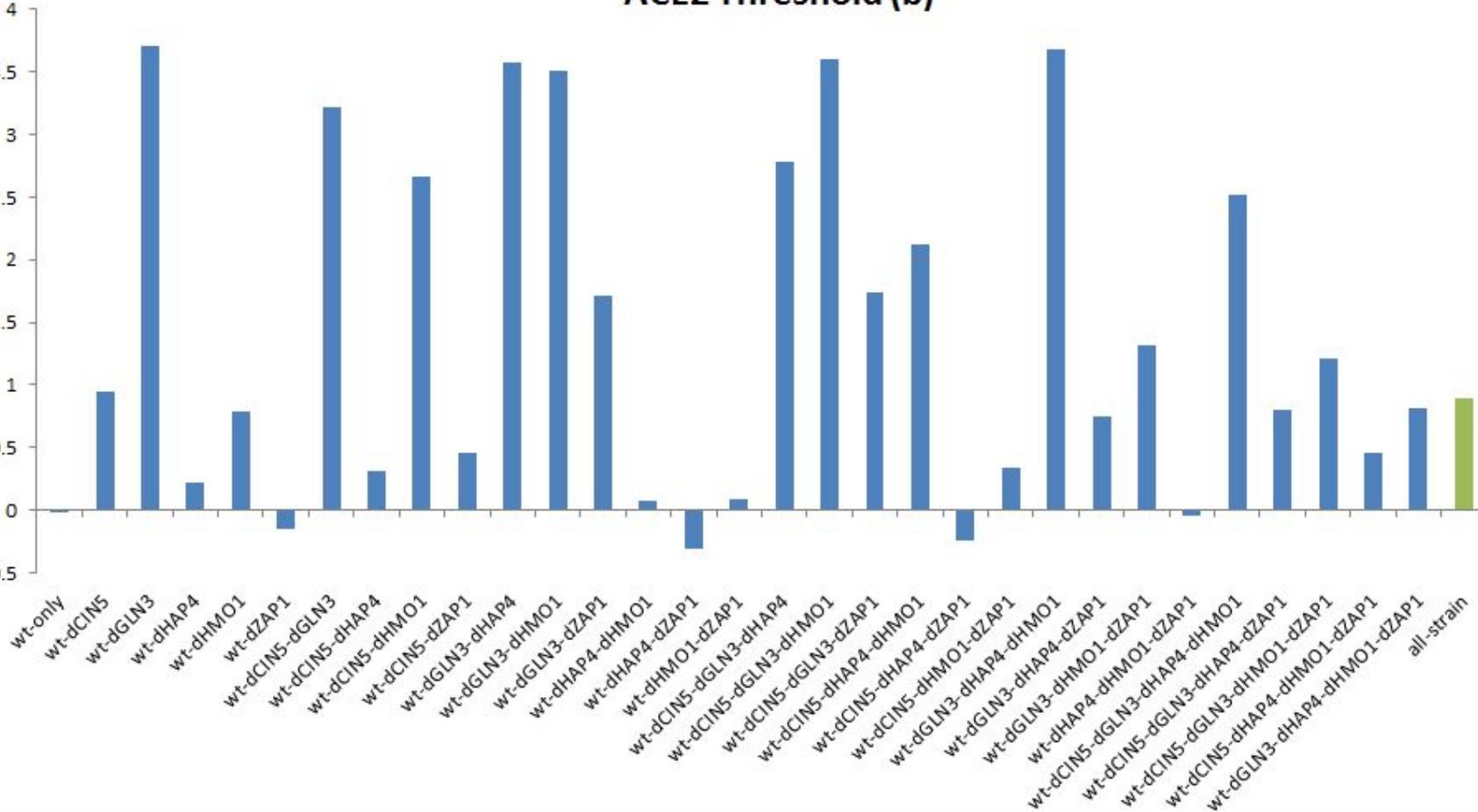


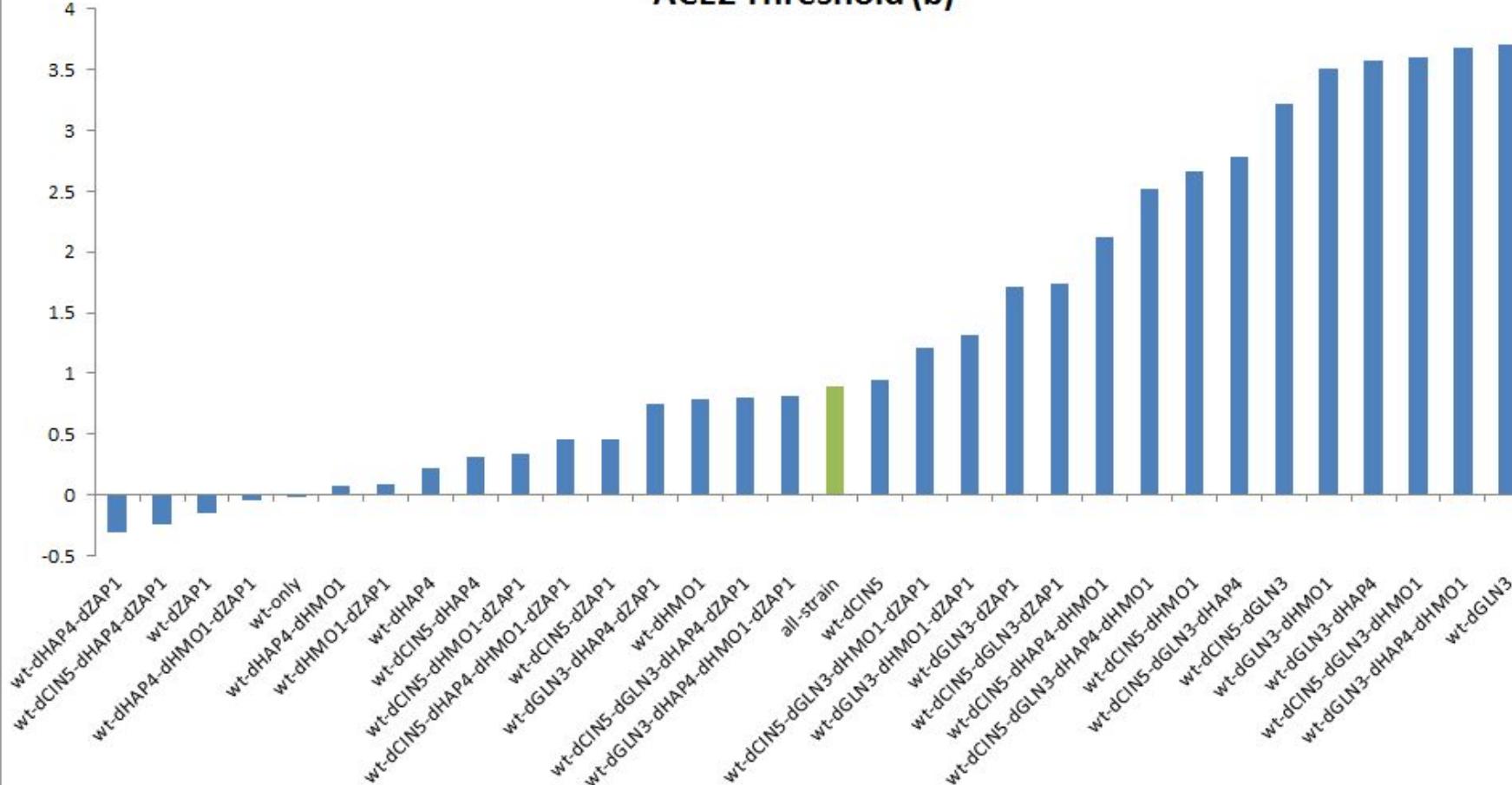
# Production Rate and Threshold

Threshold (b)

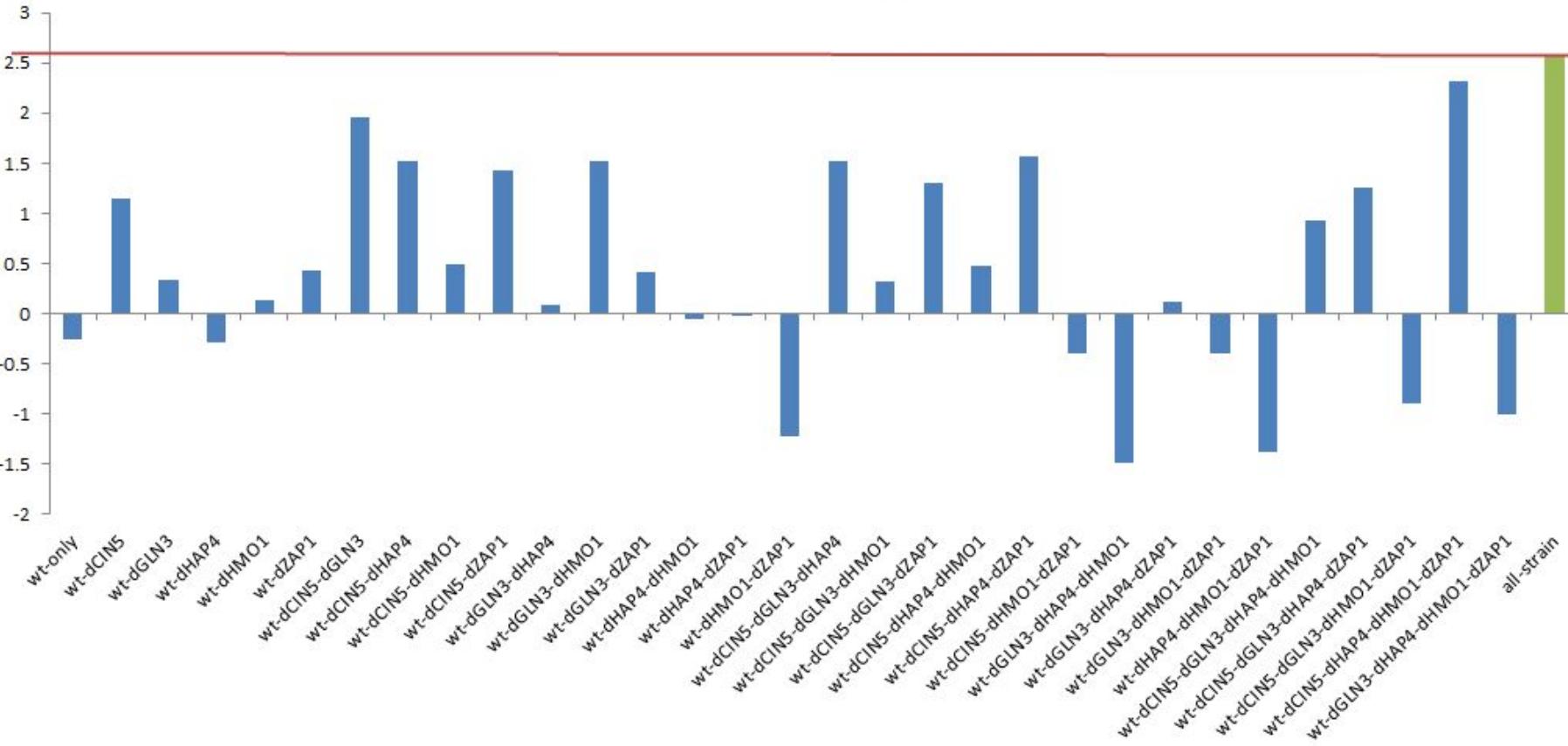
## ACE2 Threshold (b)



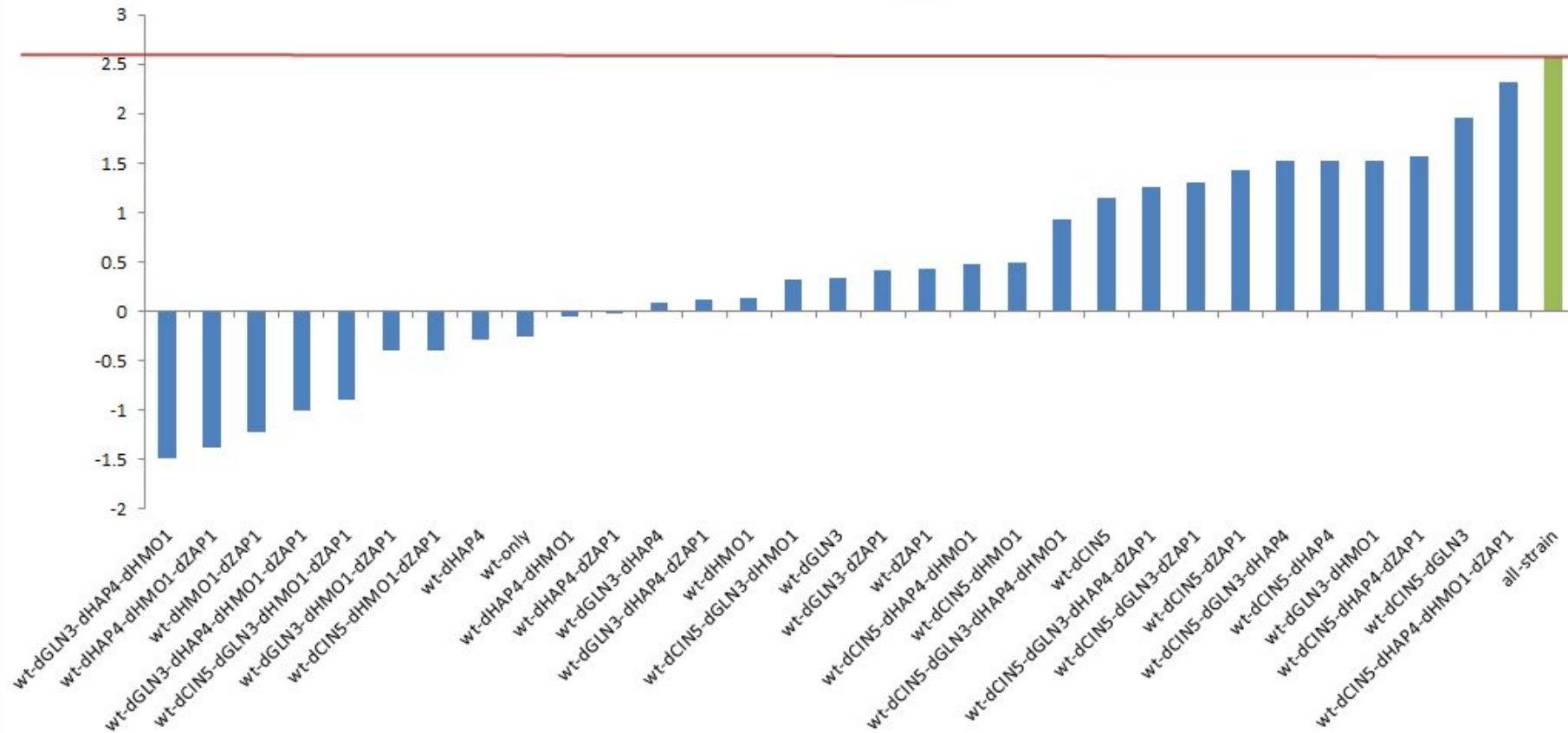
## ACE2 Threshold (b)



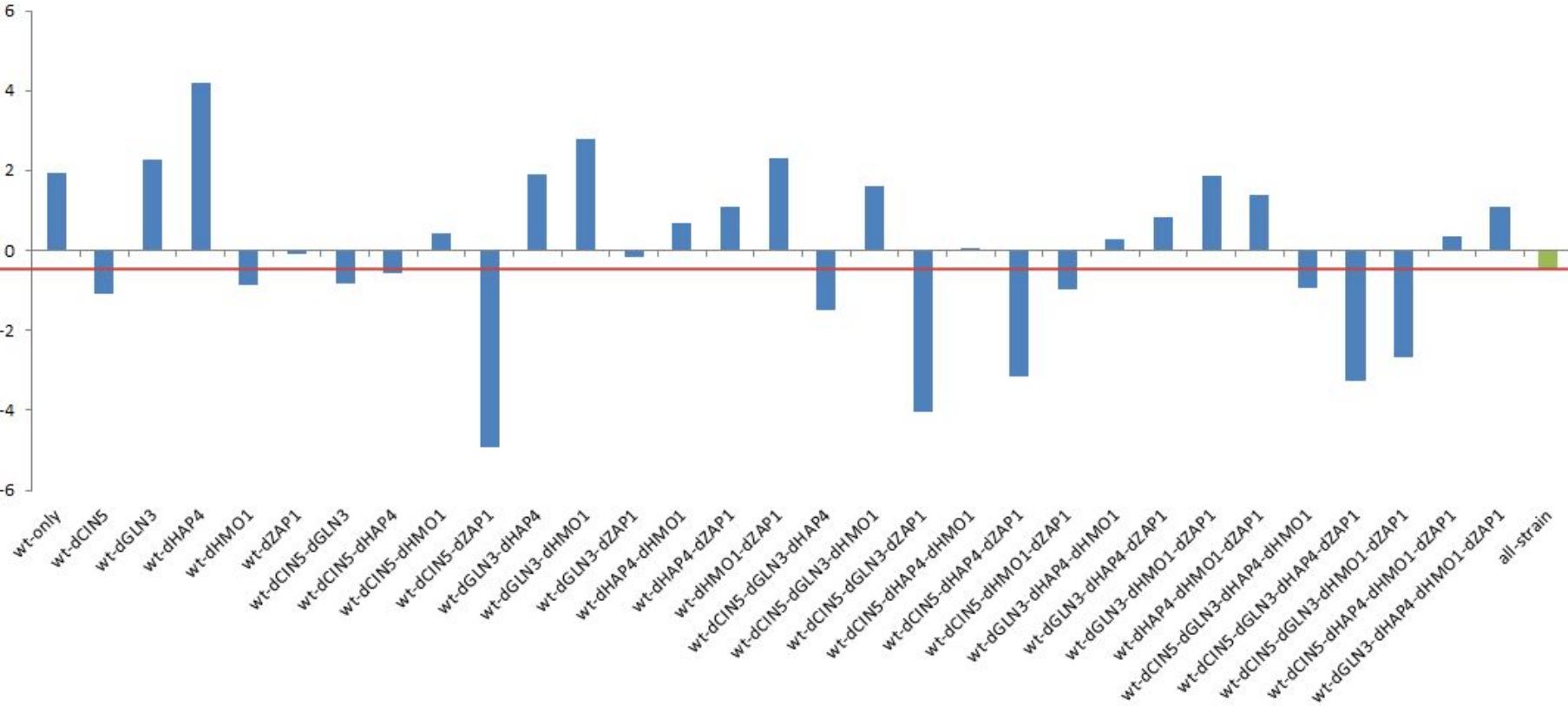
## ASH1 Threshold (b)



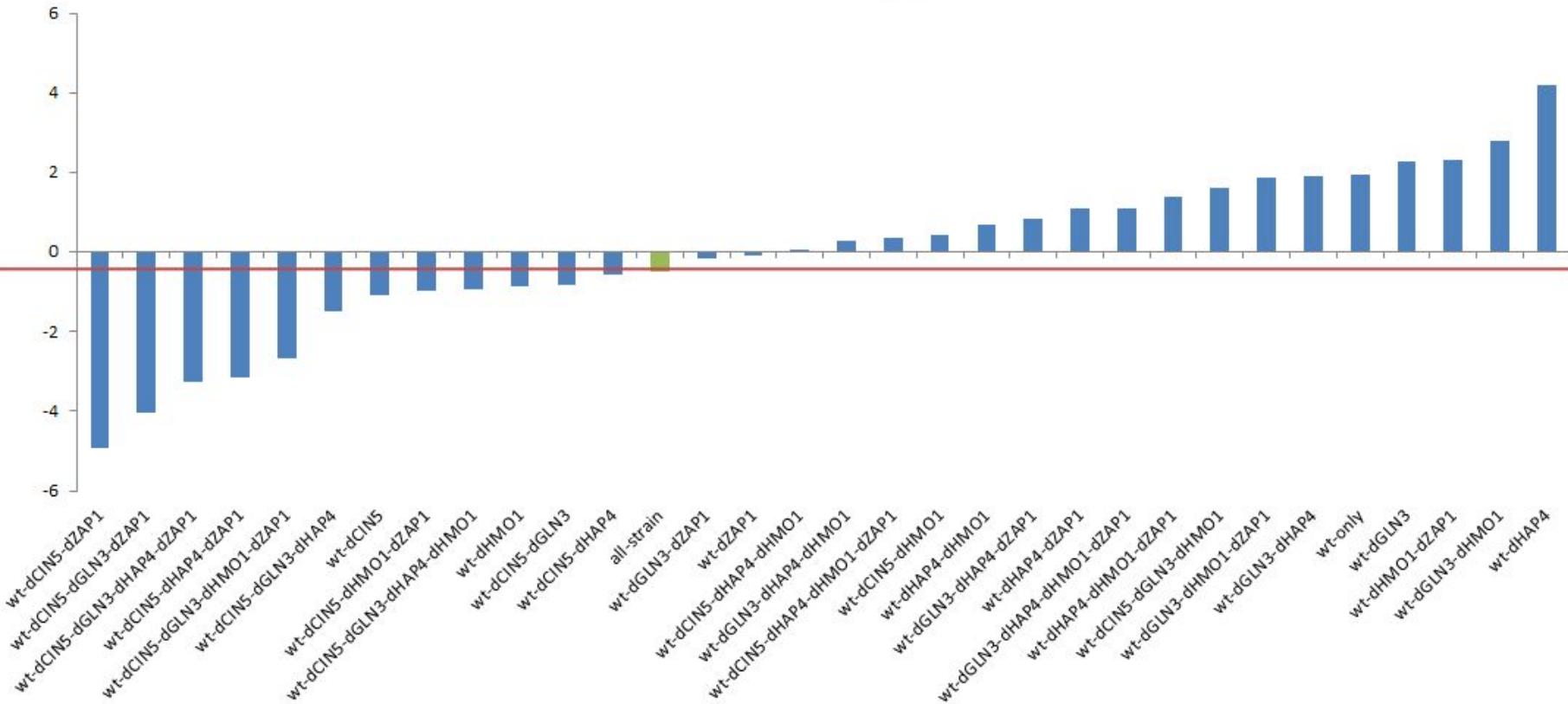
## ASH1 Threshold (b)



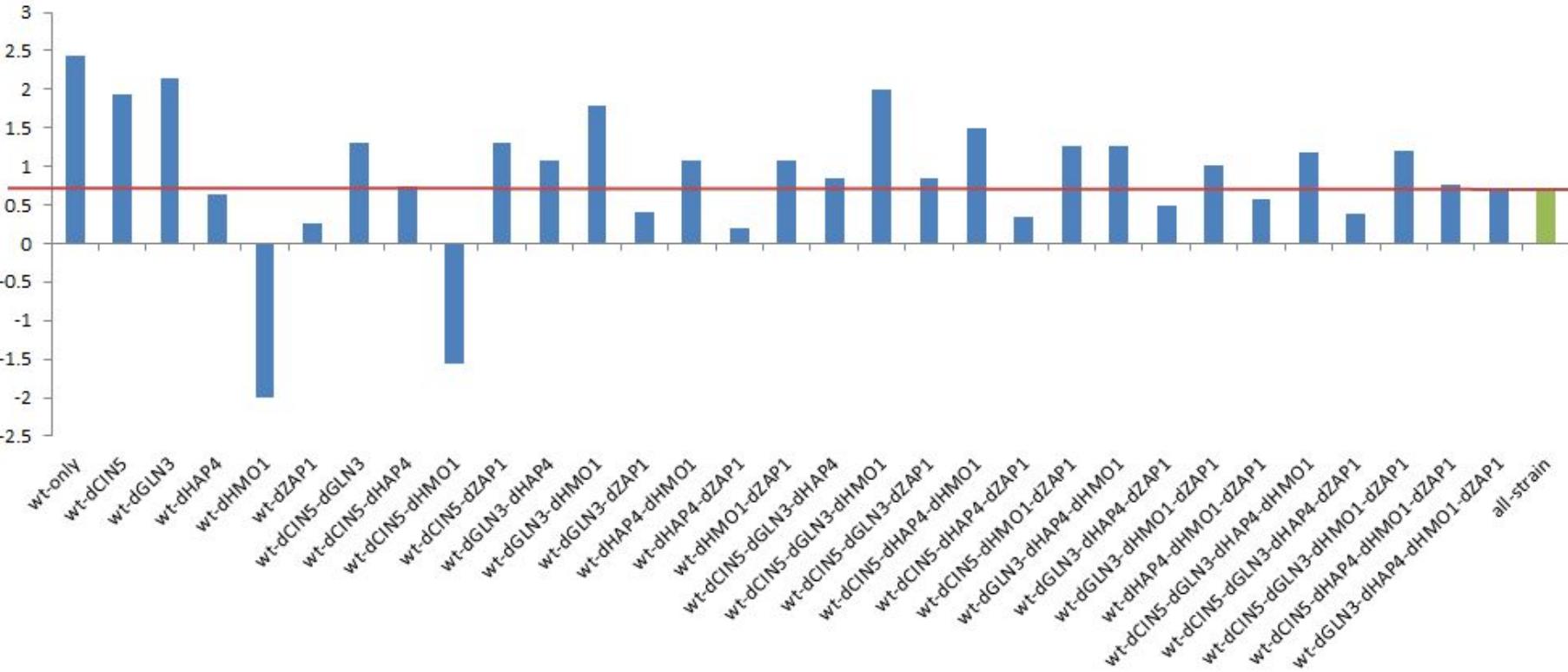
## CIN5 Threshold (b)



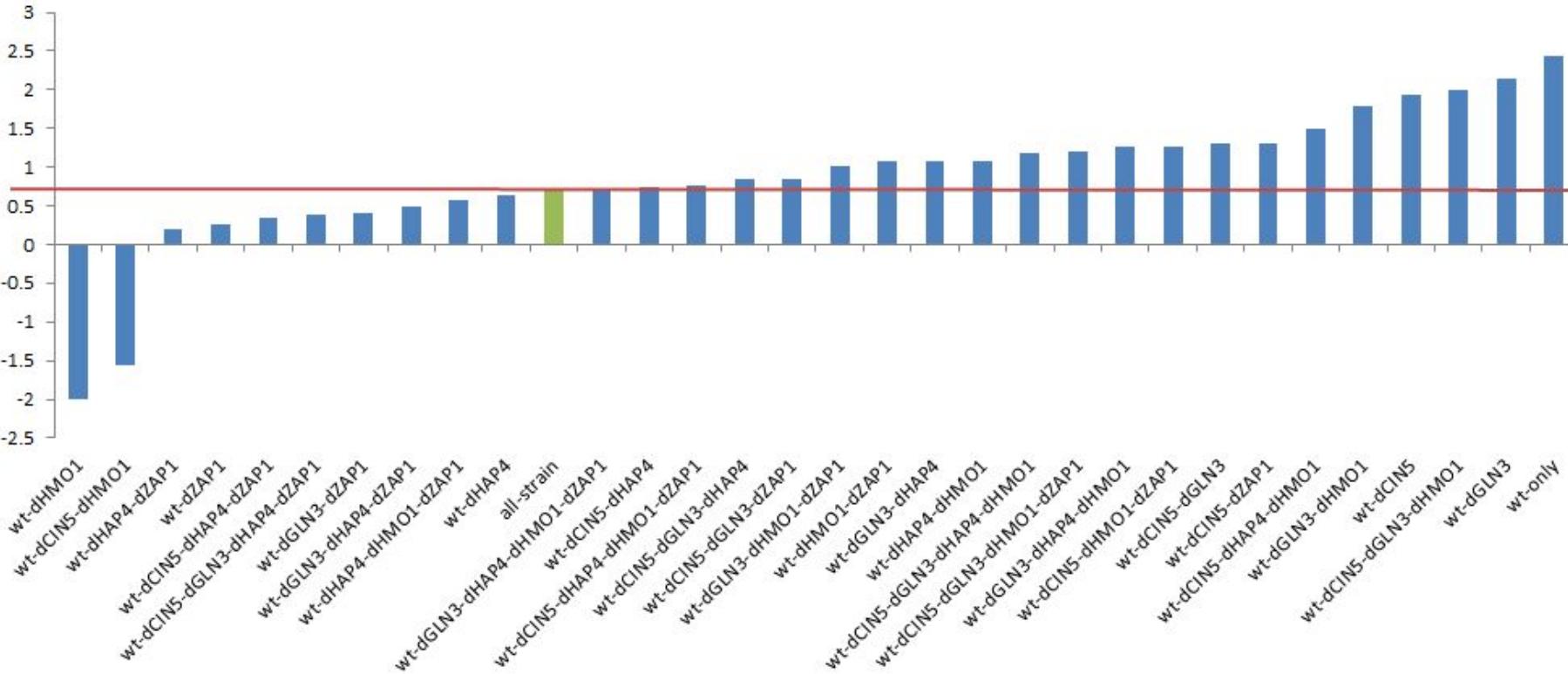
## CIN5 Threshold (b)



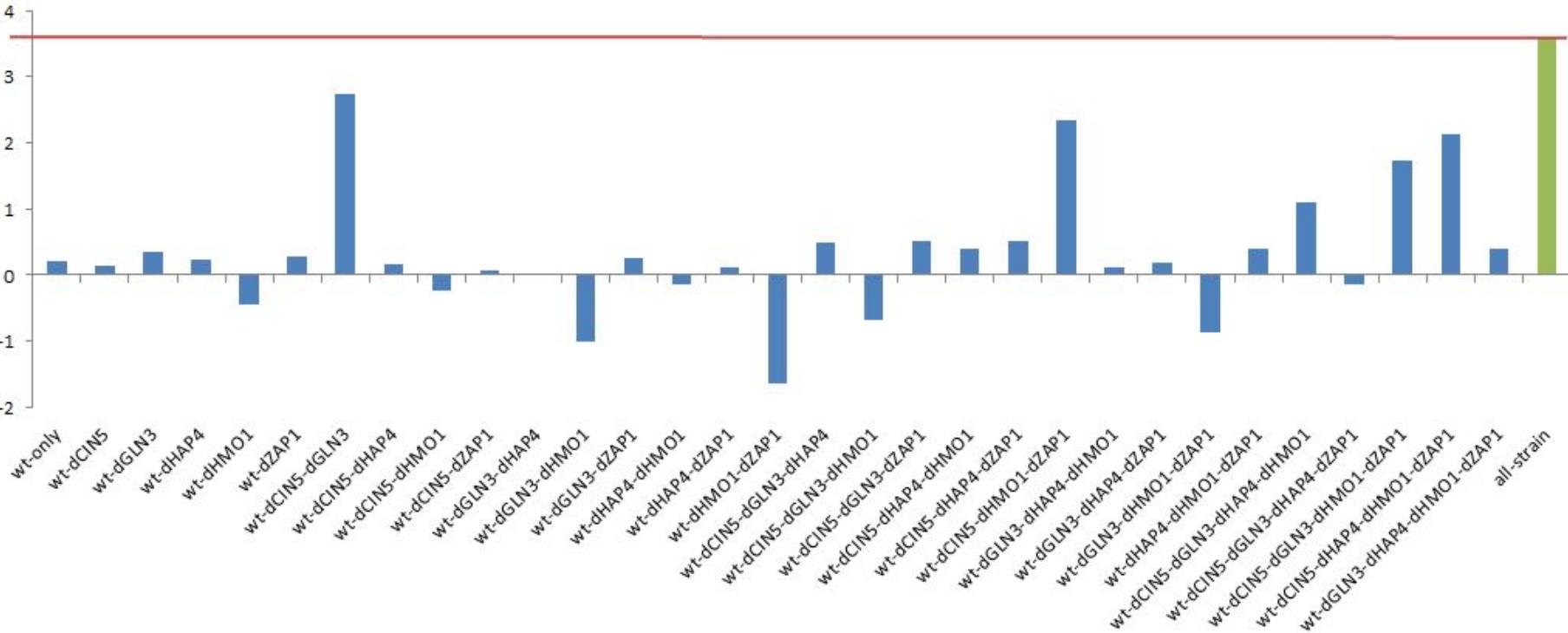
## GLN3 Threshold (b)



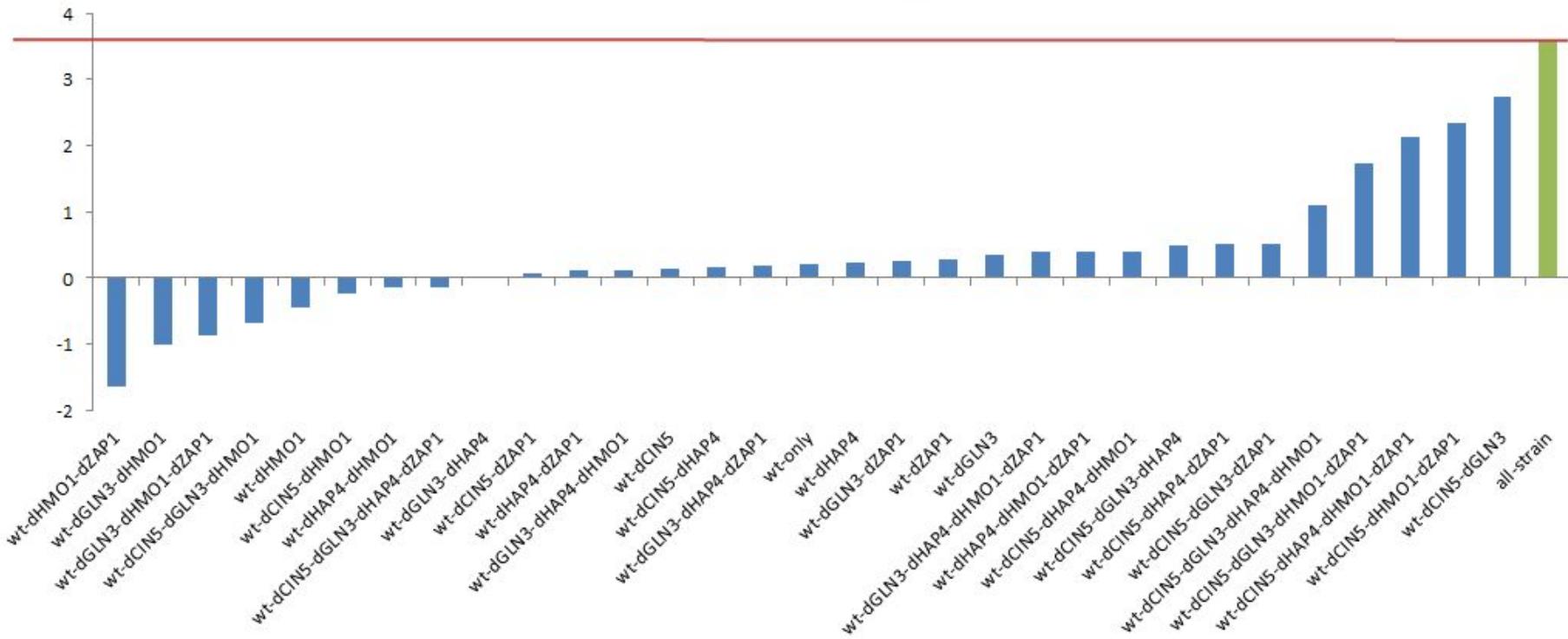
## GLN3 Threshold (b)



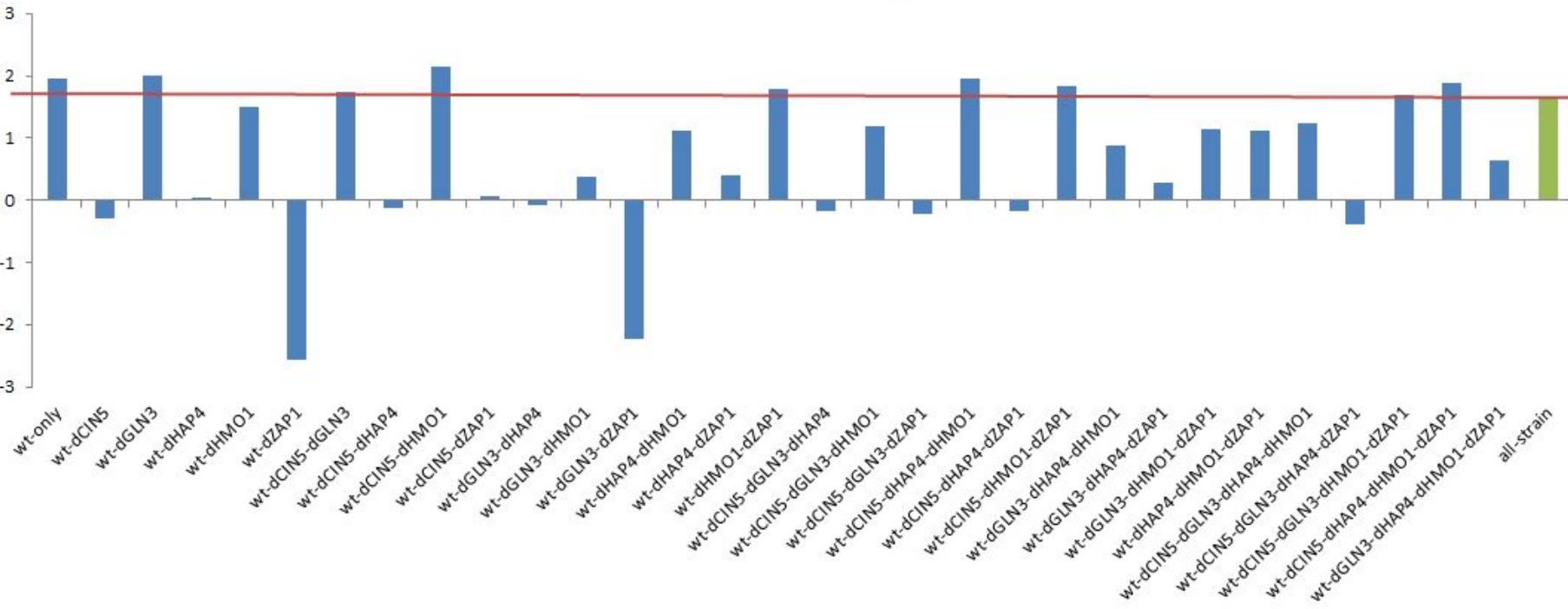
## HAP4 Threshold (b)



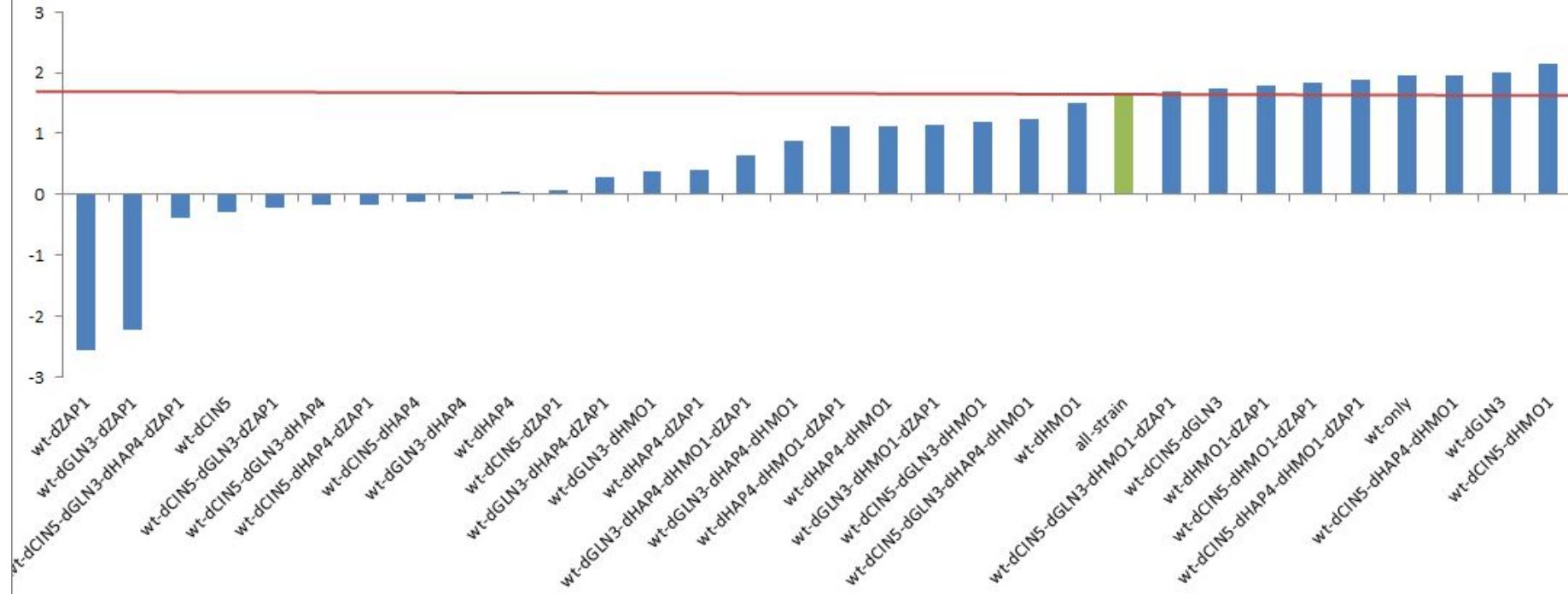
## HAP4 Threshold (b)



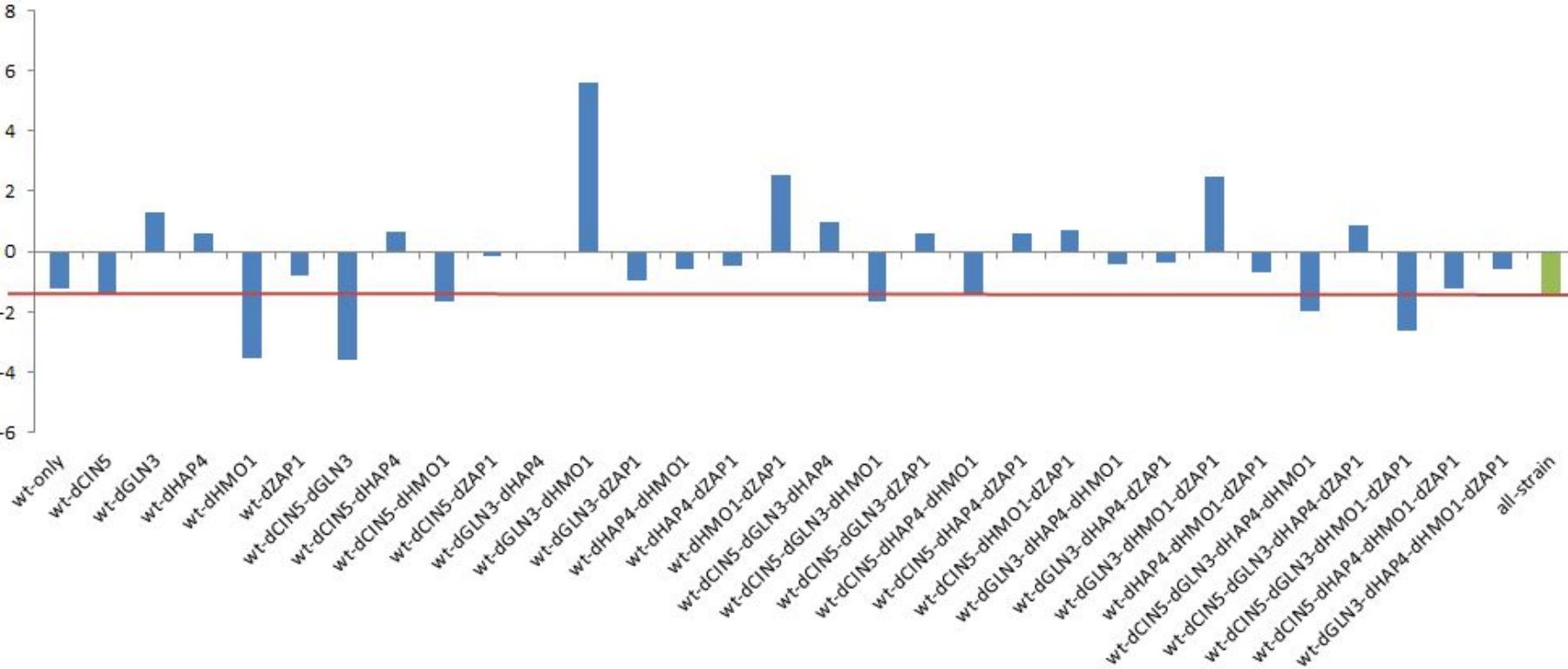
## HMO1 Threshold (b)



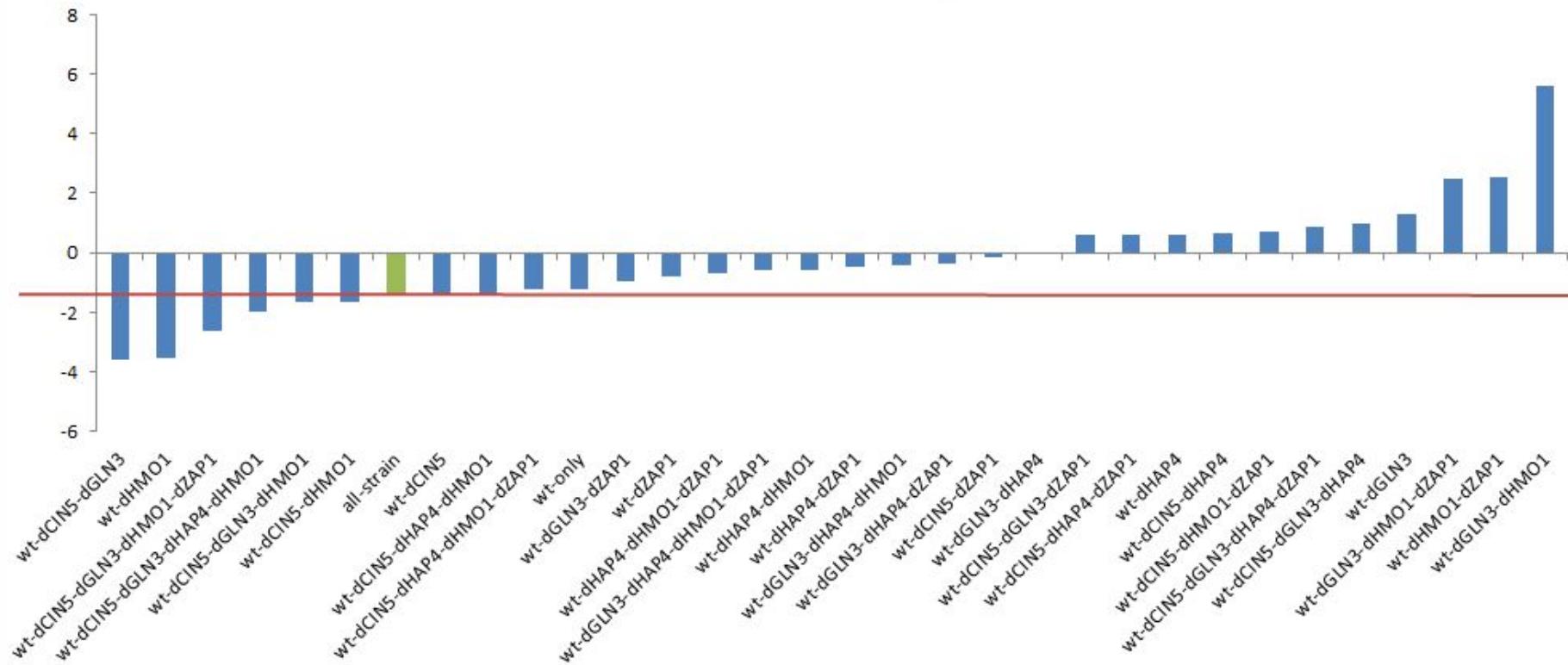
## HMO1 Threshold (b)



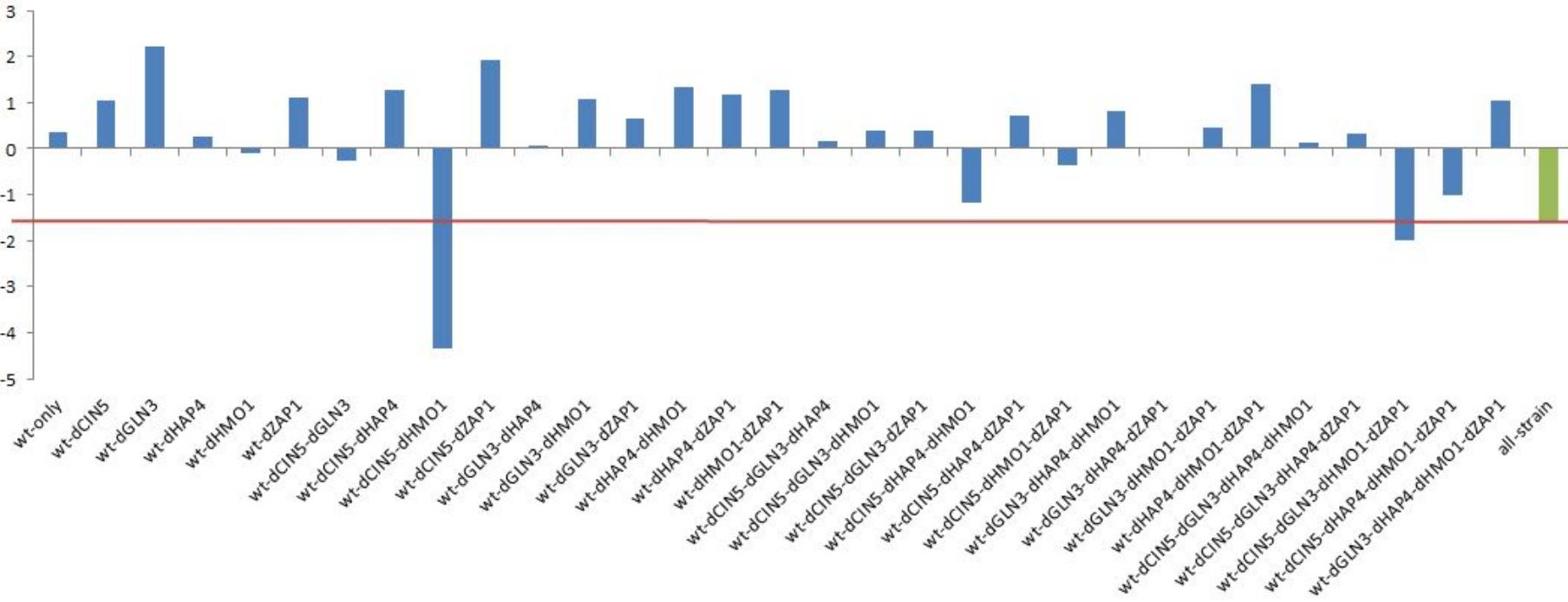
## MSN2 Threshold (b)



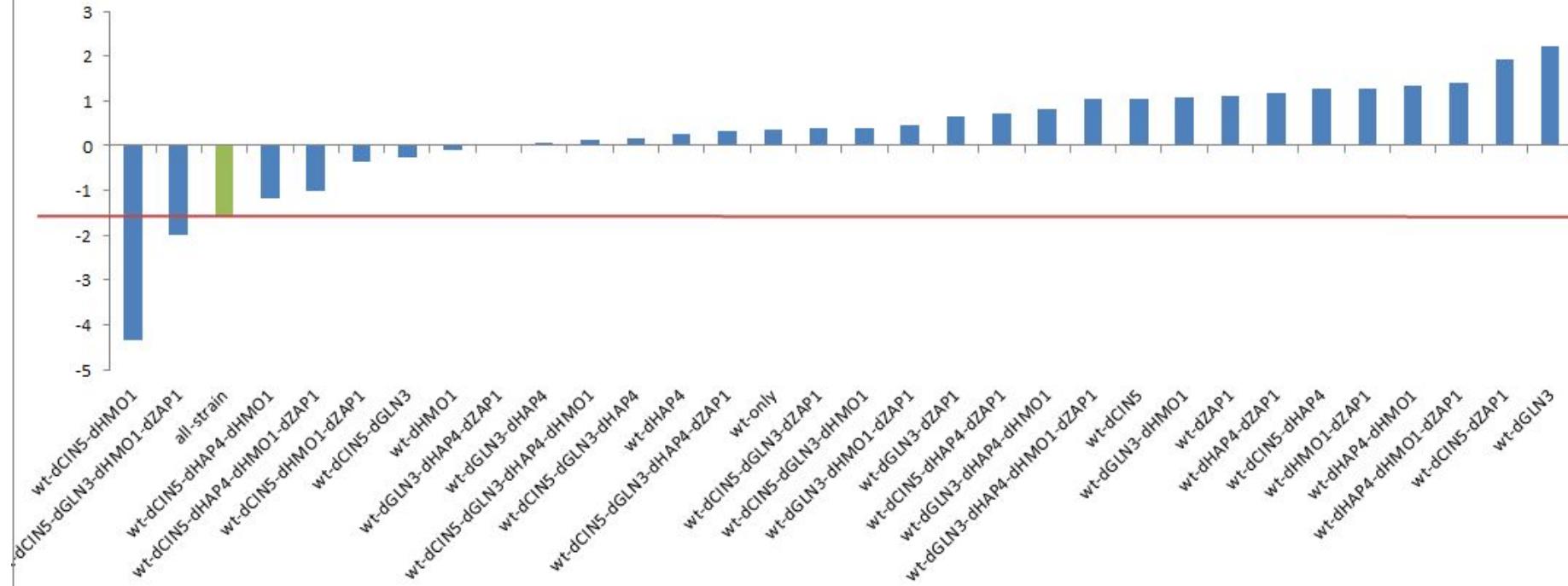
## MSN2 Threshold (b)



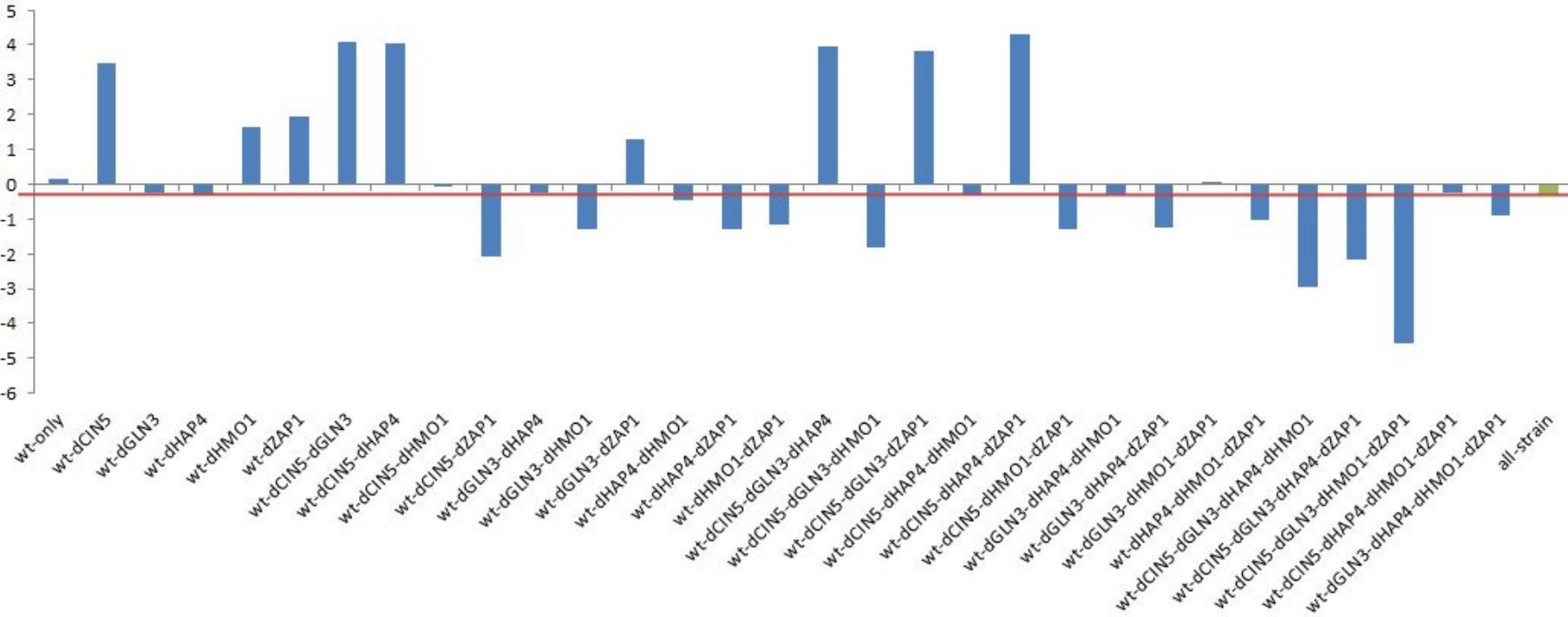
## STB5 Threshold (b)



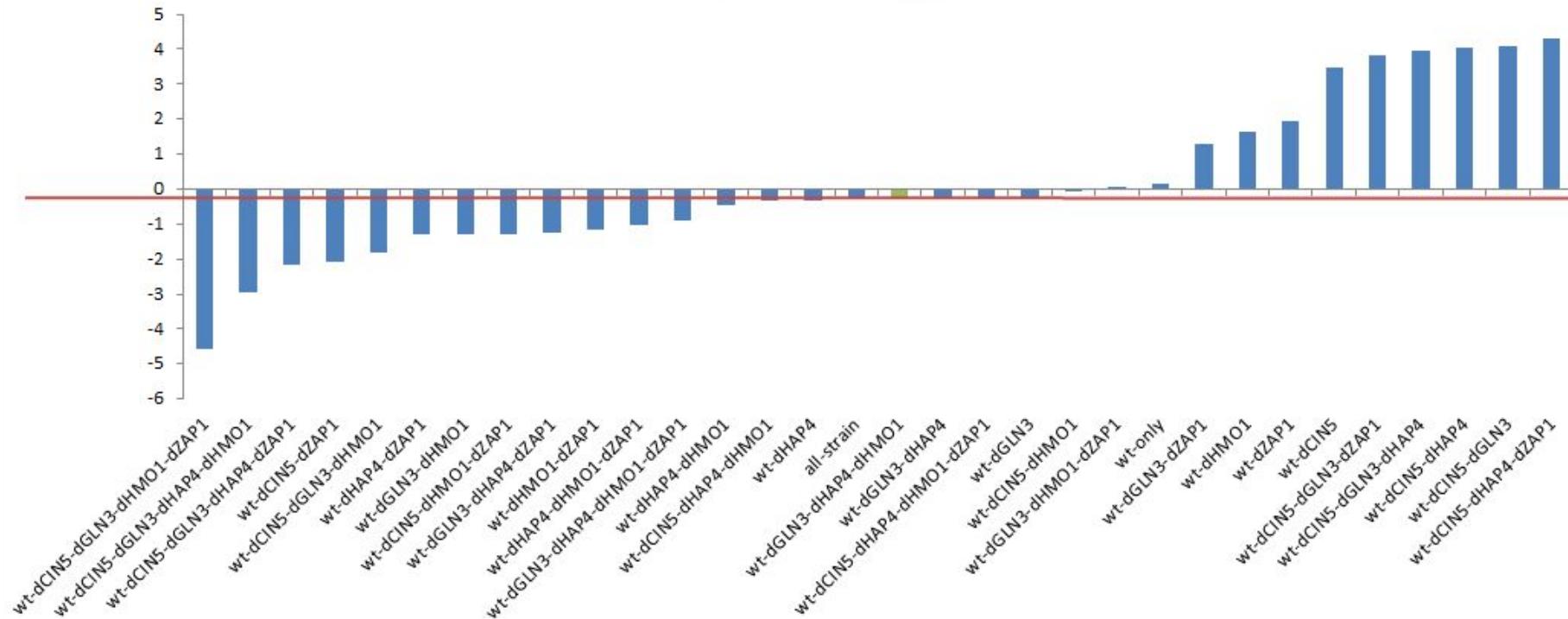
## STB5 Threshold (b)



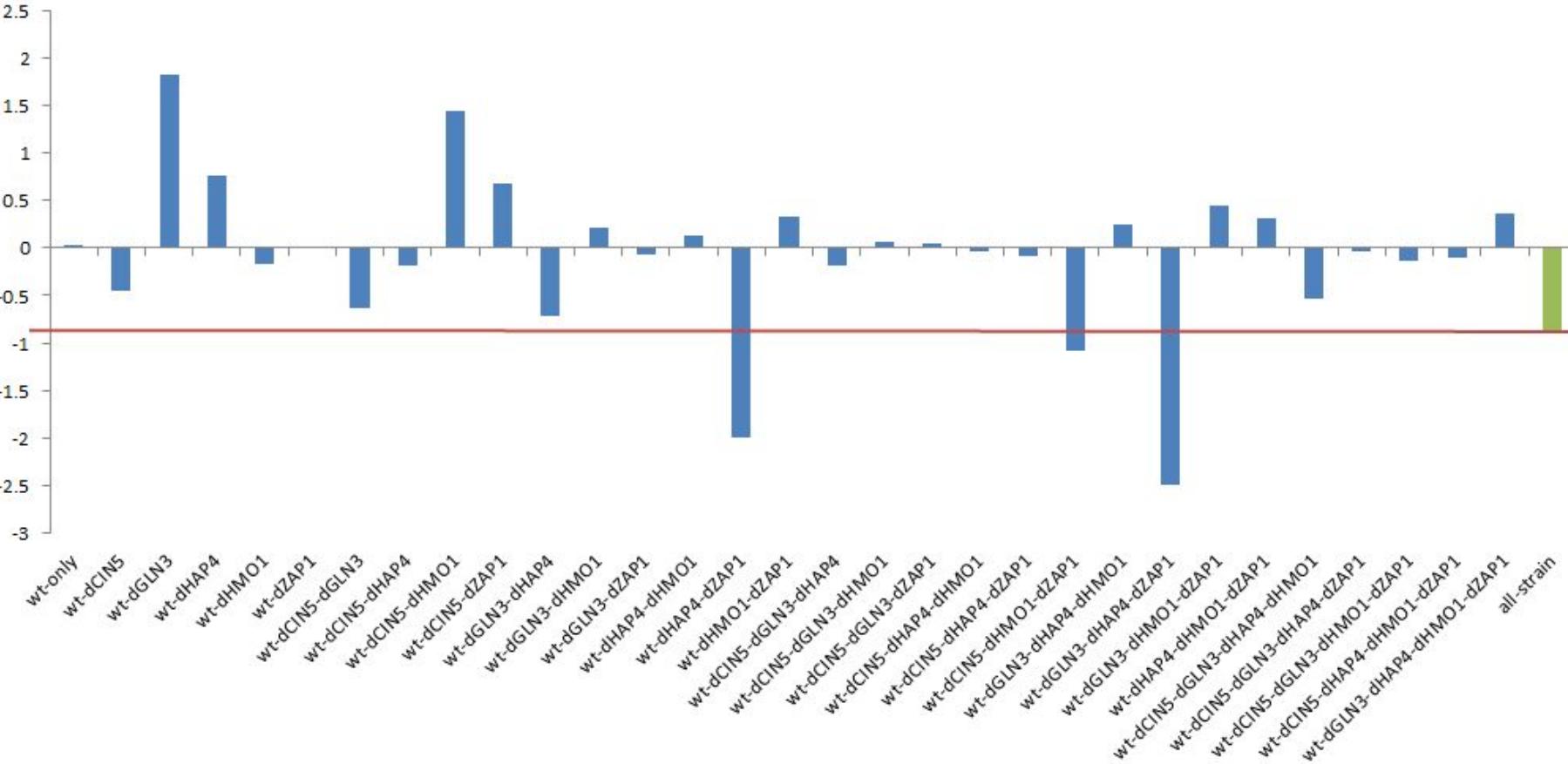
## SFP1 Threshold (b)



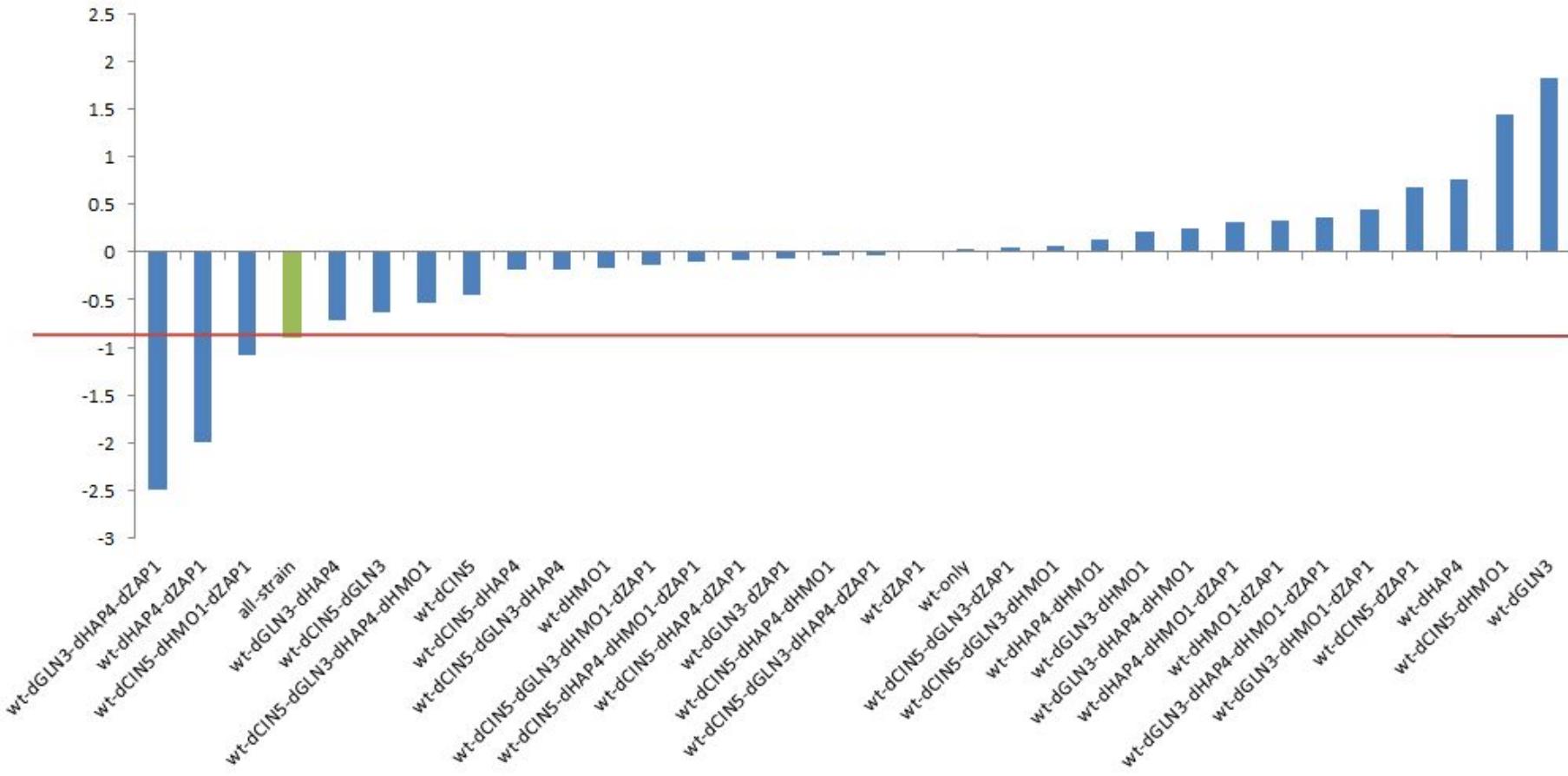
## SFP1 Threshold (b)



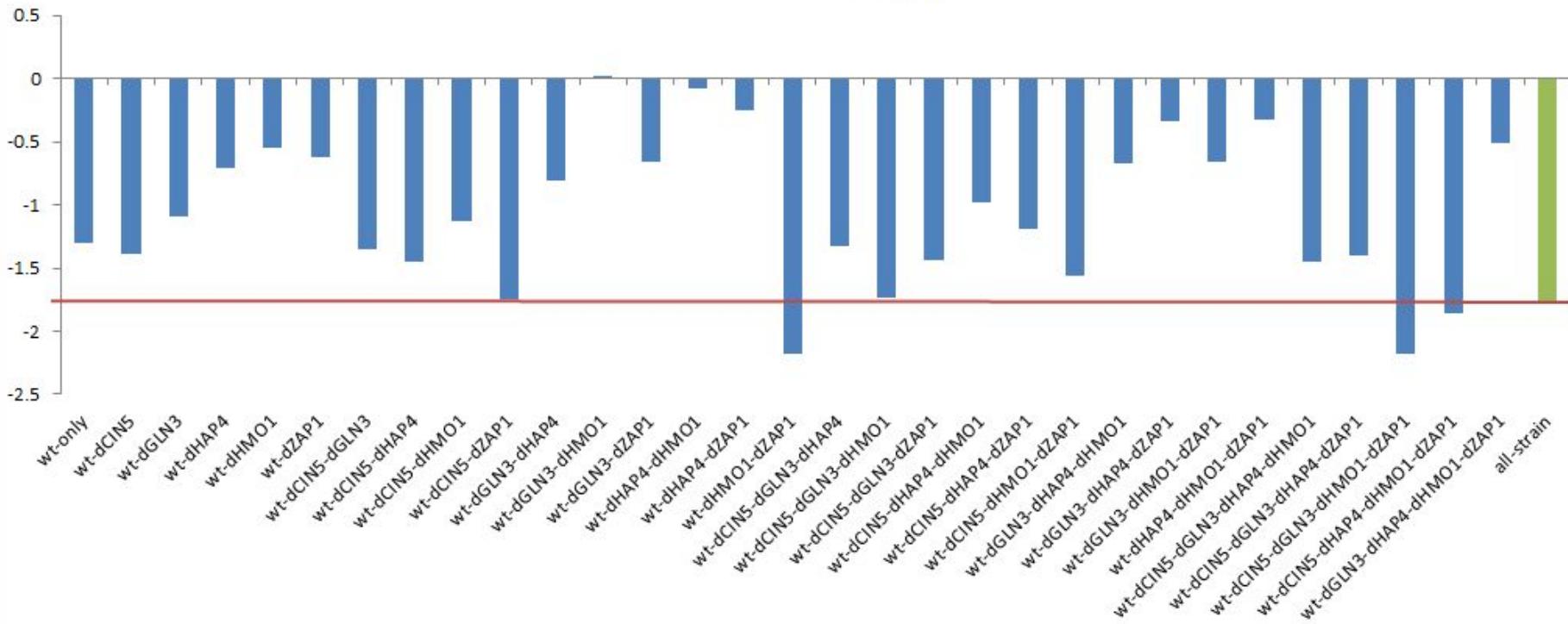
## SWI4 Threshold (b)



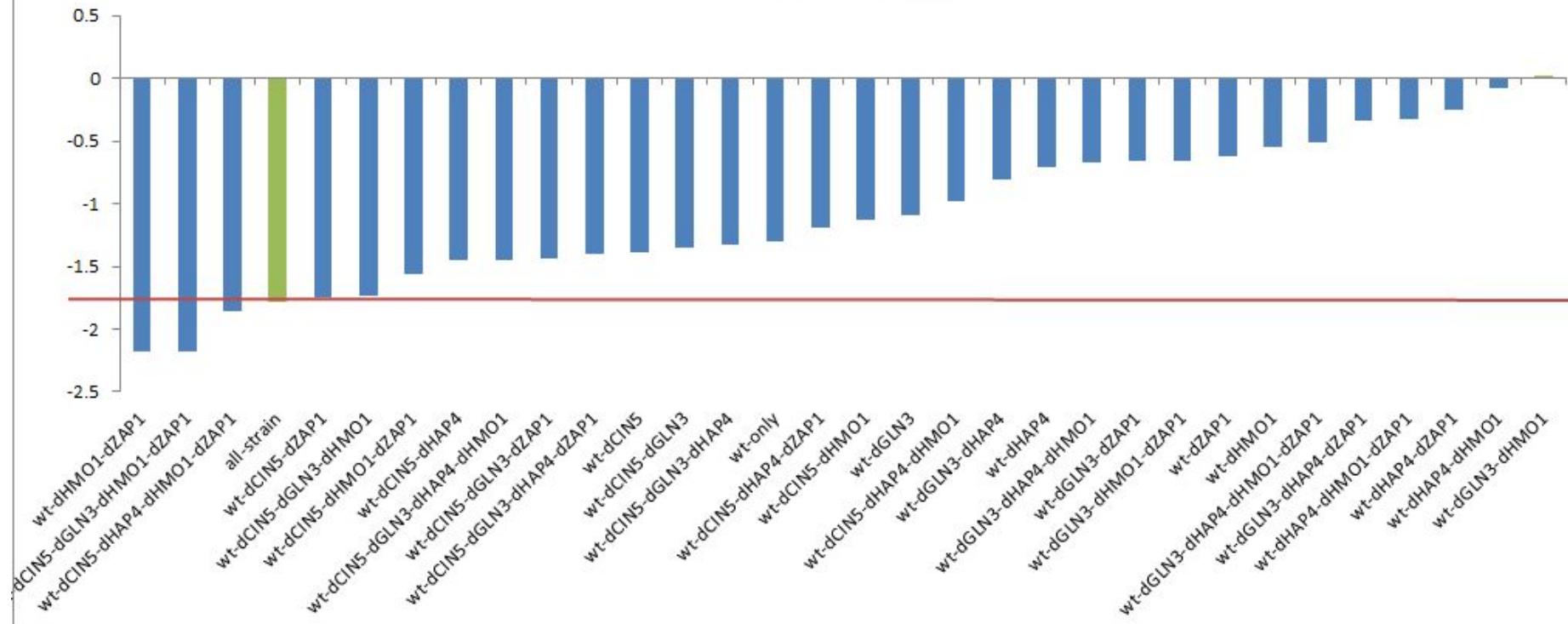
## SWI4 Threshold (b)



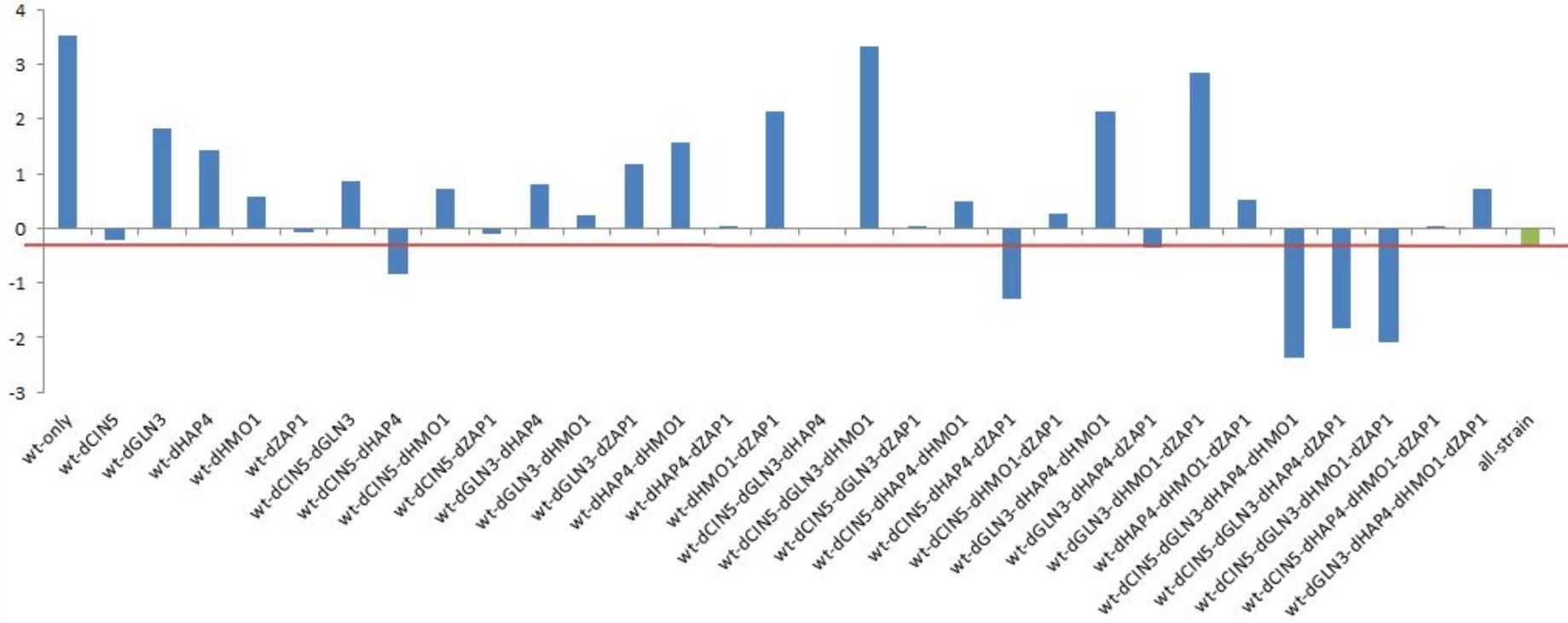
## SWI5 Threshold (b)



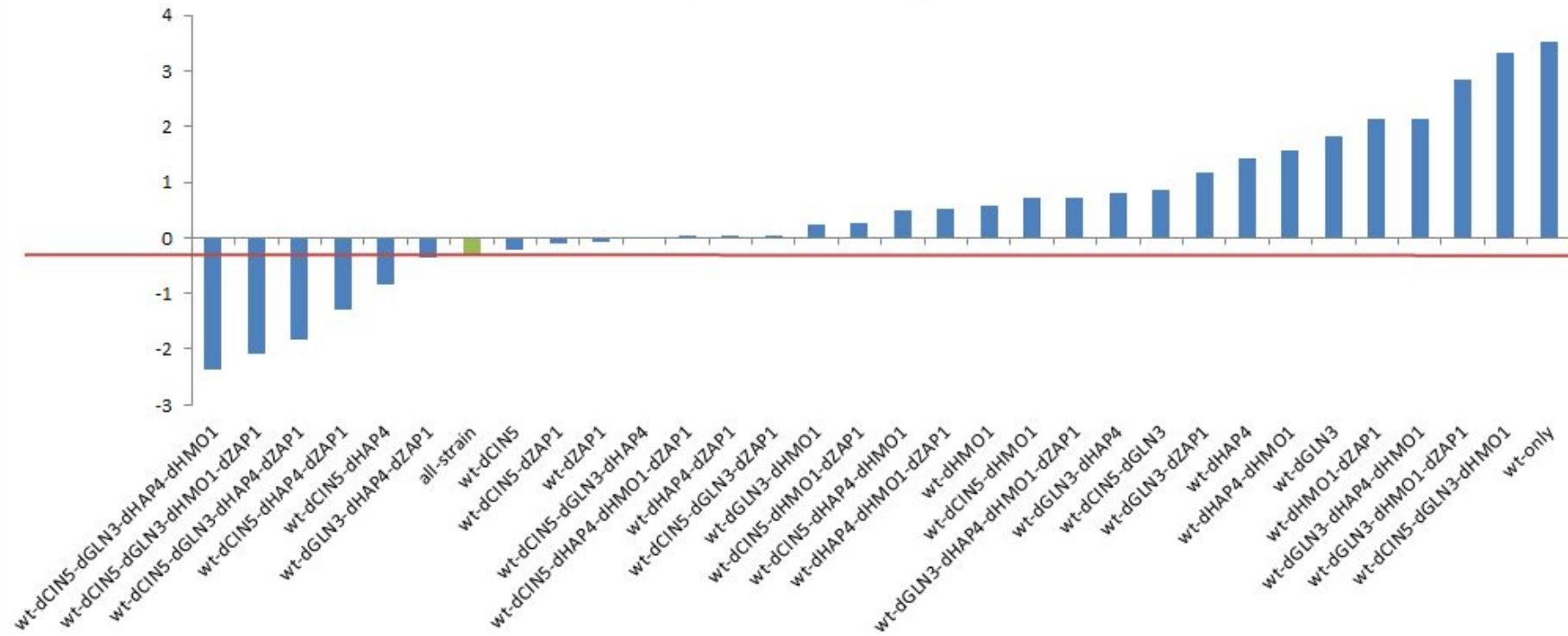
## SWI5 Threshold (b)



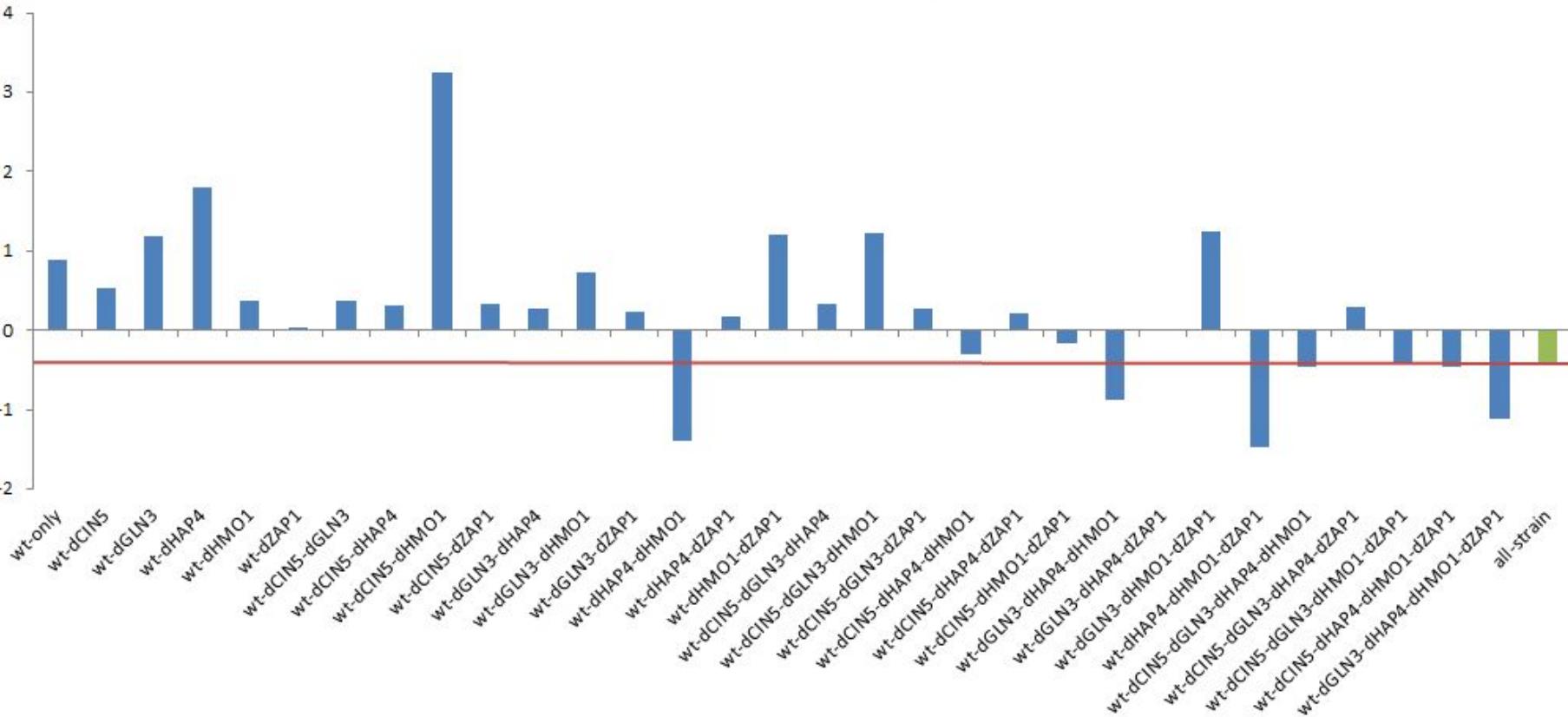
## YHP1 Threshold (b)



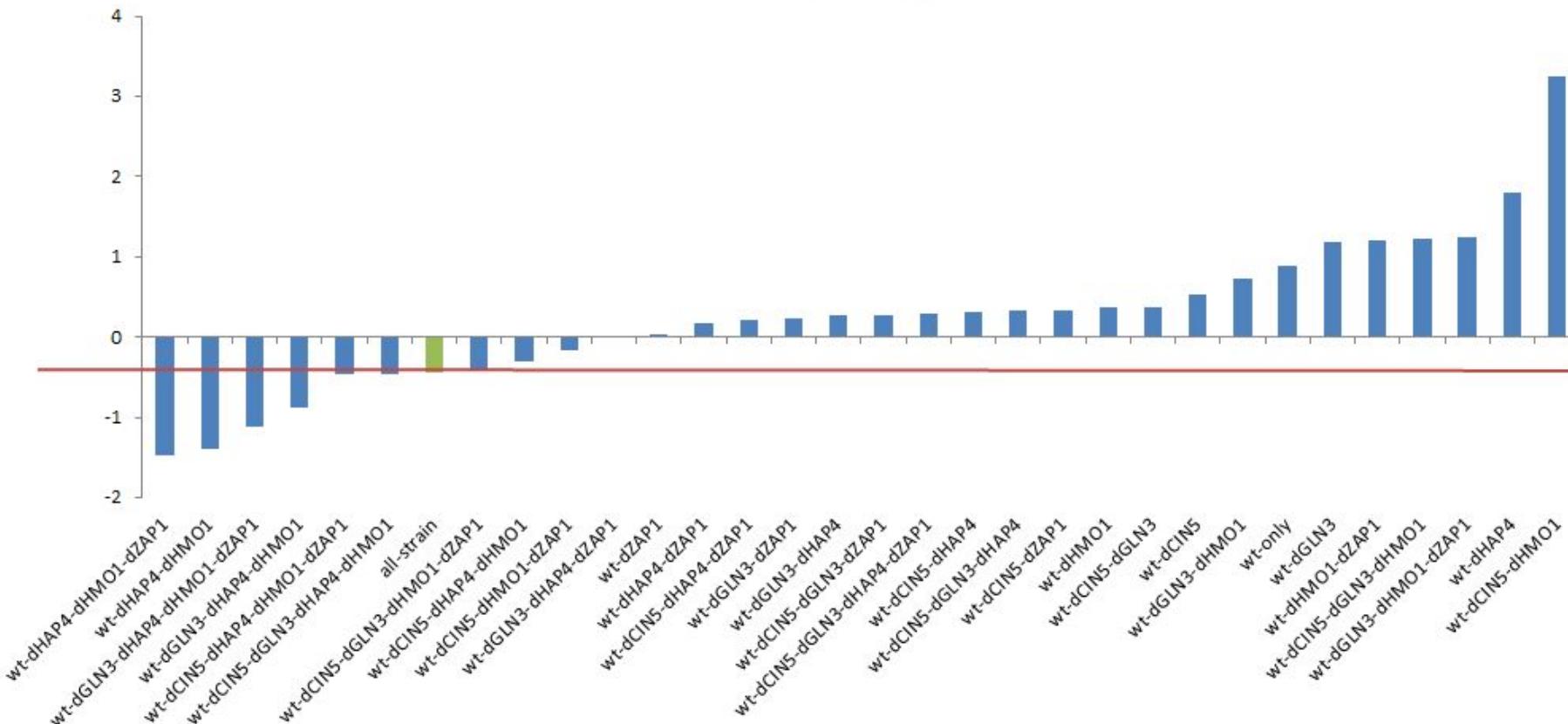
## YHP1 Threshold (b)



## YOX1 Threshold (b)

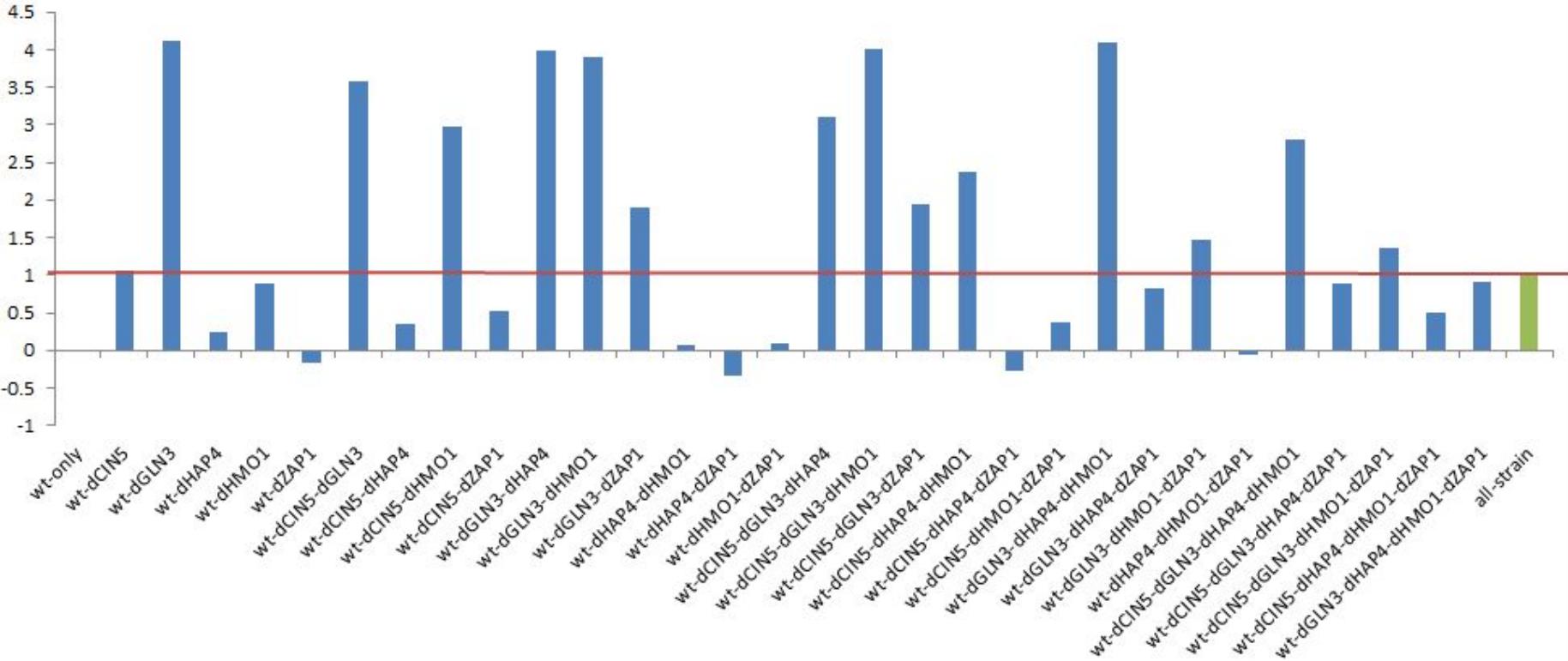


## YOX1 Threshold (b)

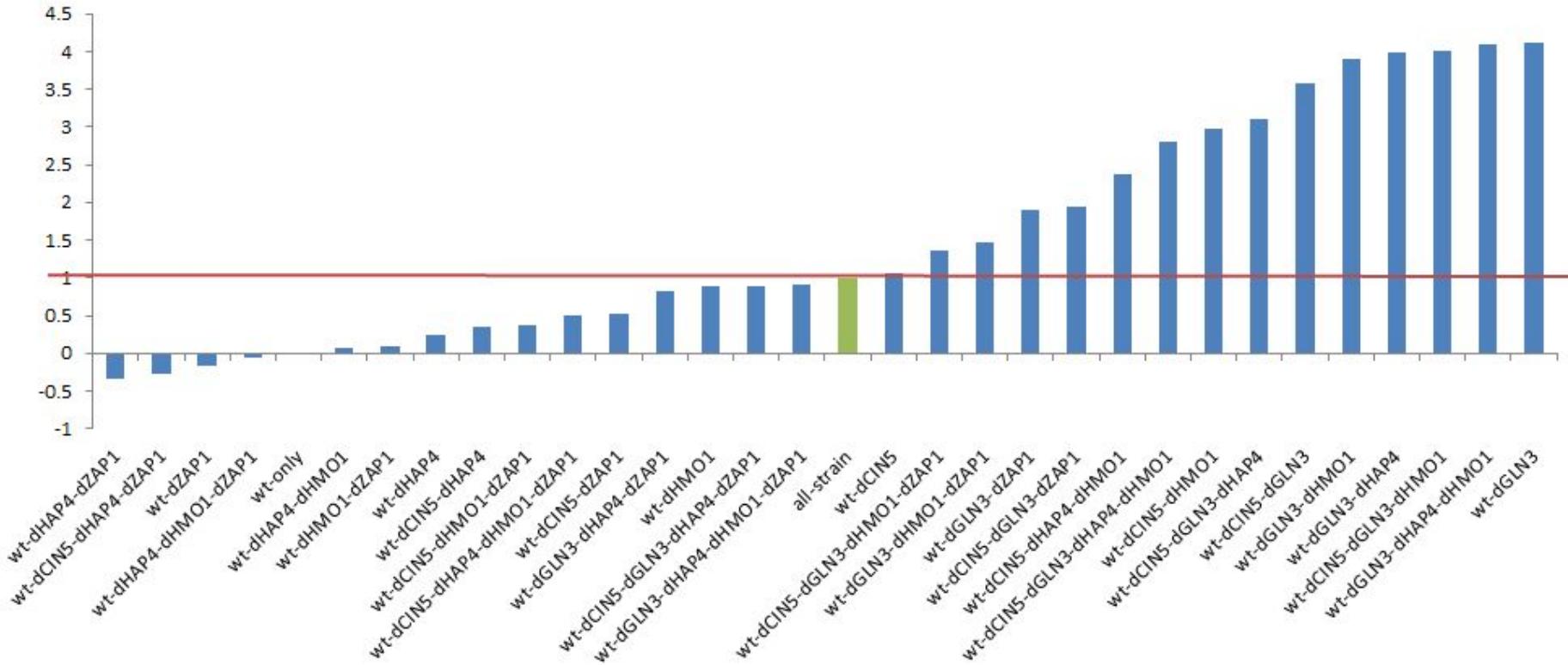


# Threshold Ratio

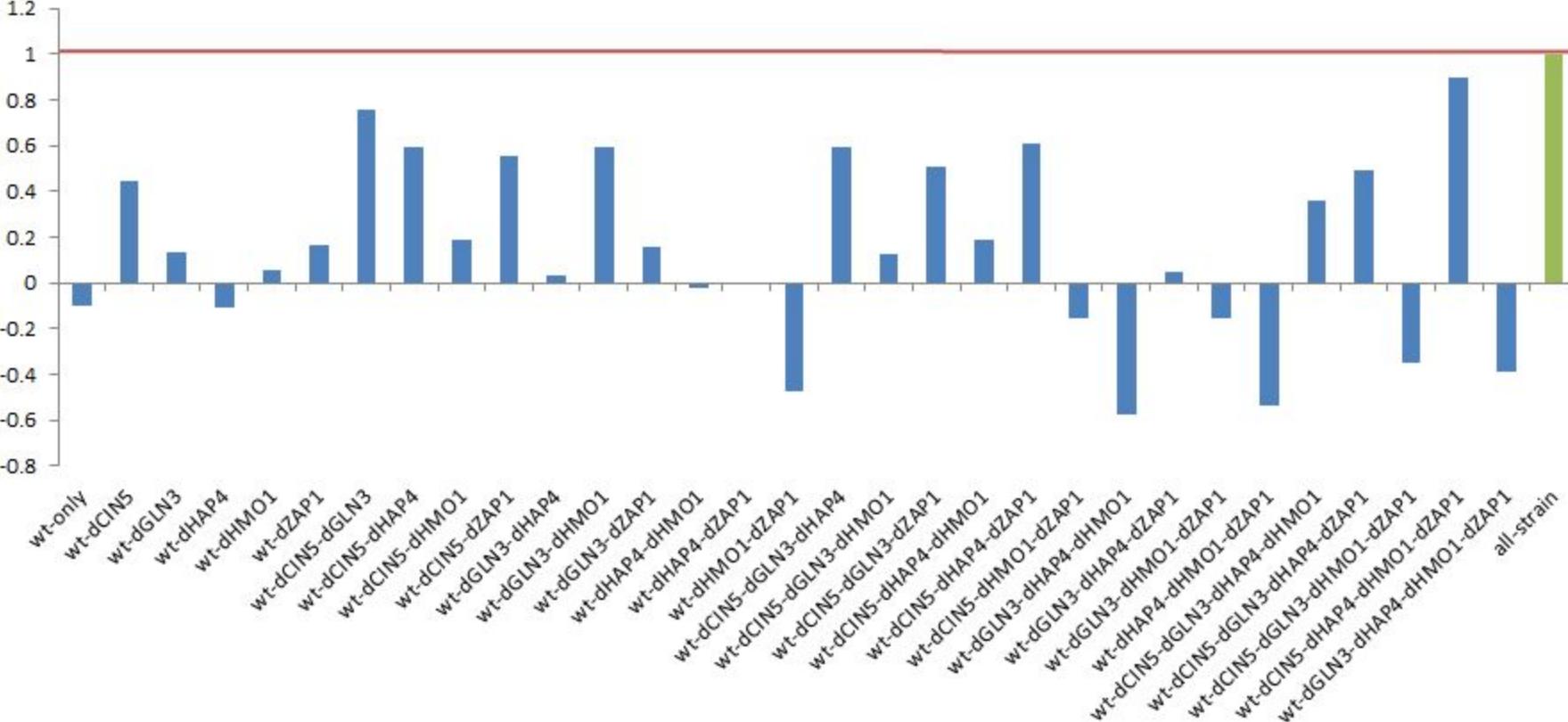
## ACE2 Threshold Ratio



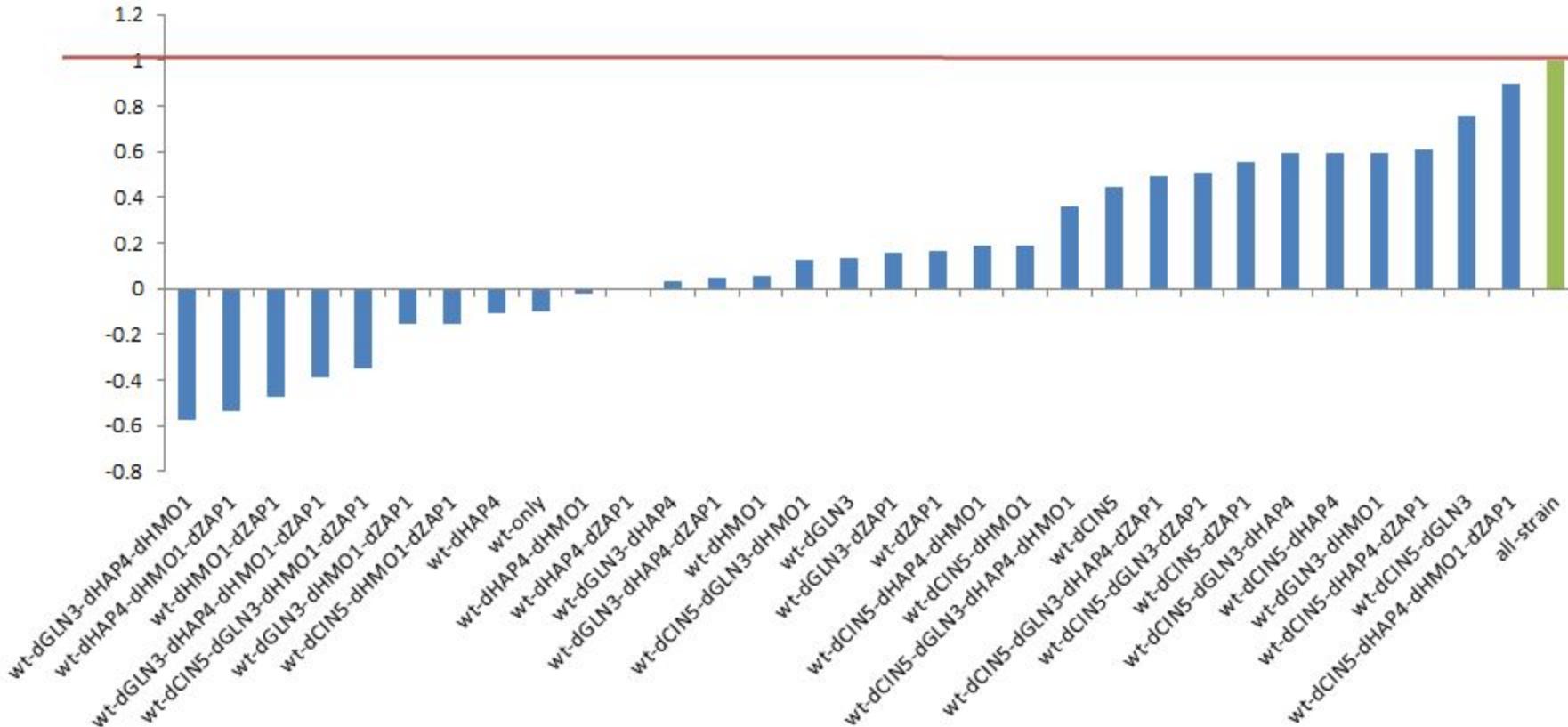
## ACE2 Threshold Ratio



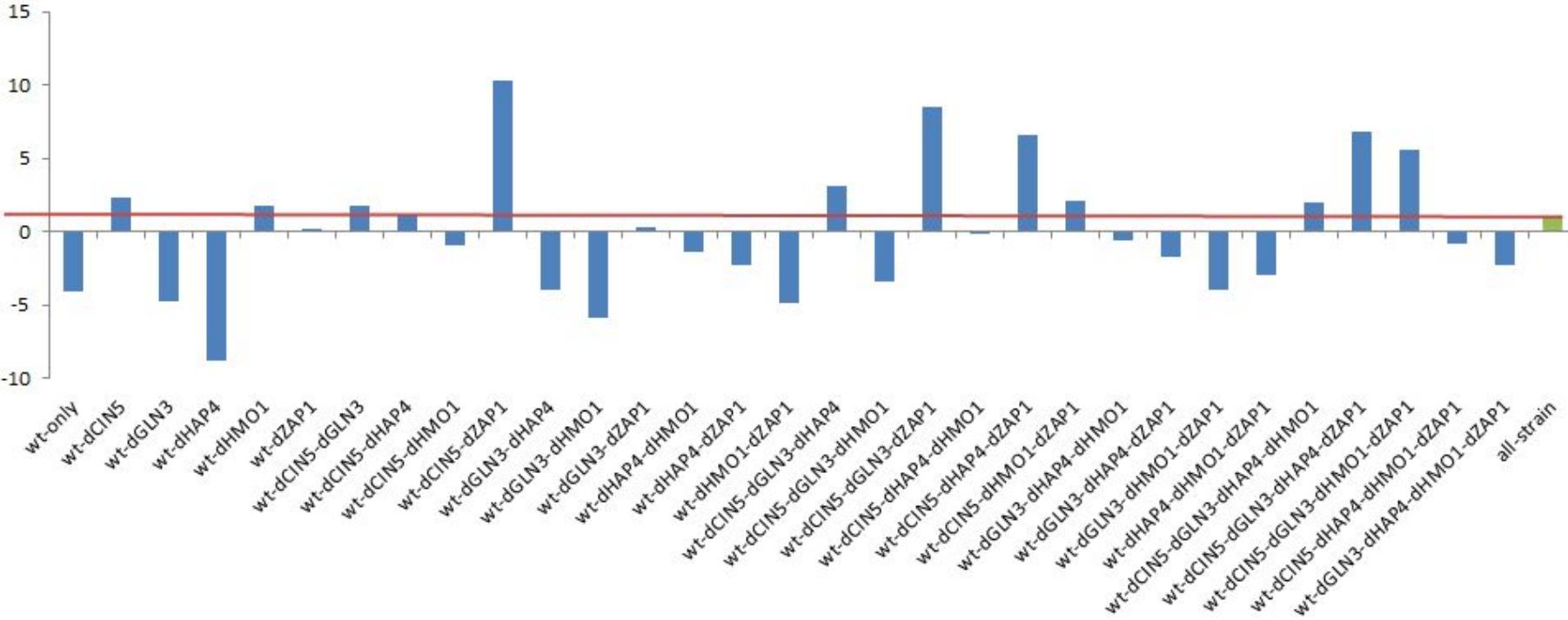
## ASH1 Threshold Ratio



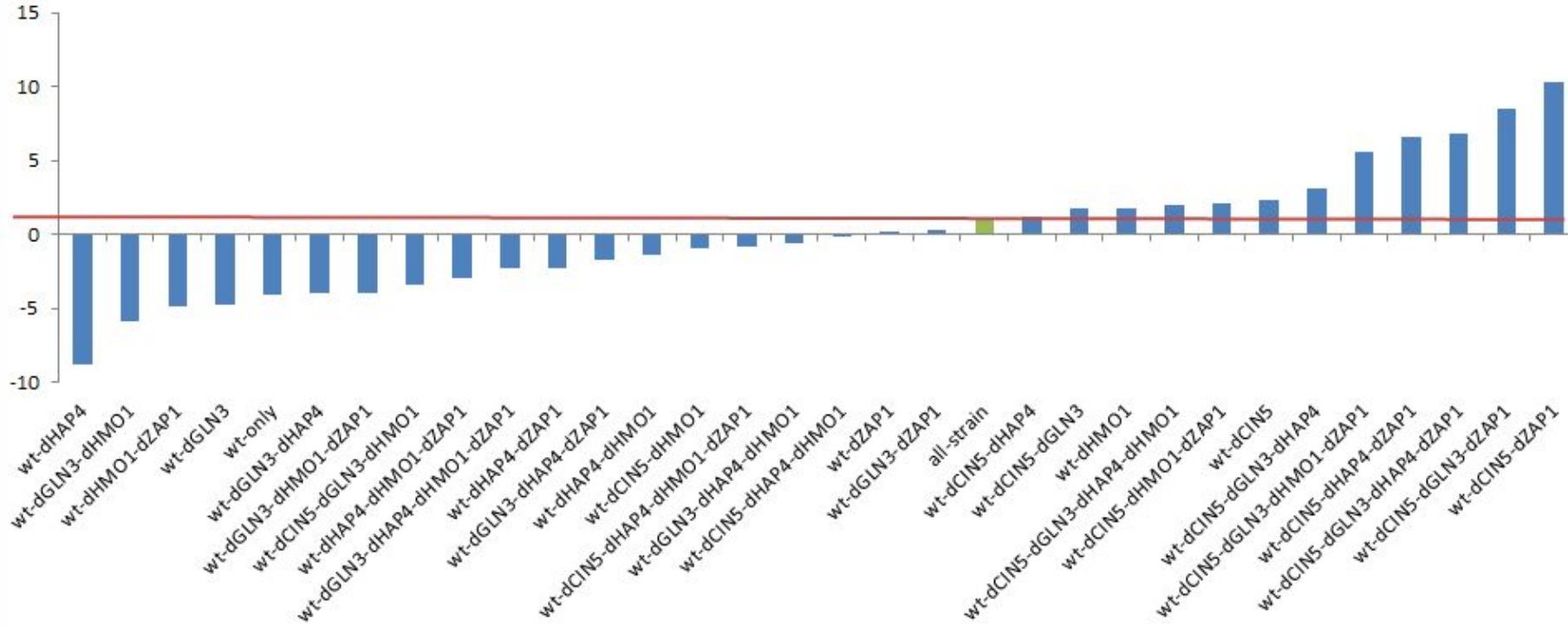
## ASH1 Threshold Ratio



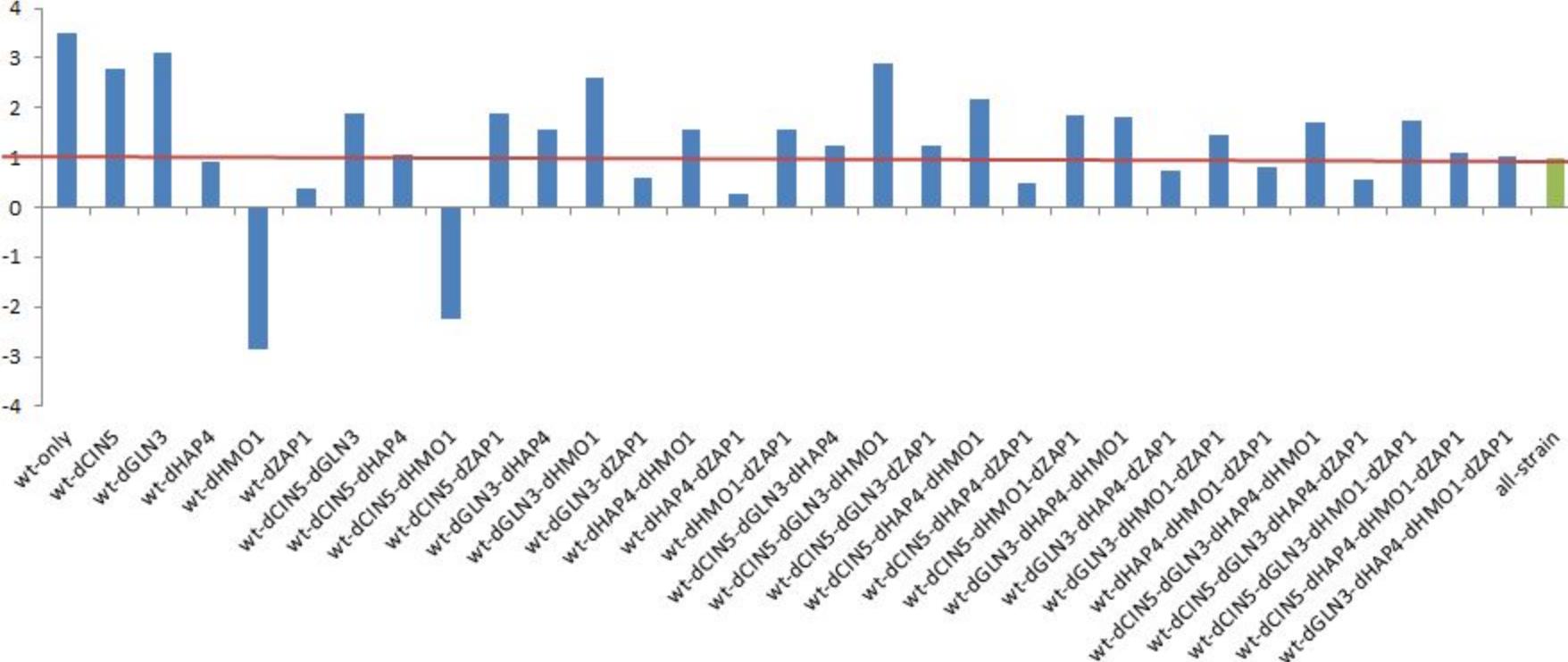
## CIN5 Threshold Ratio



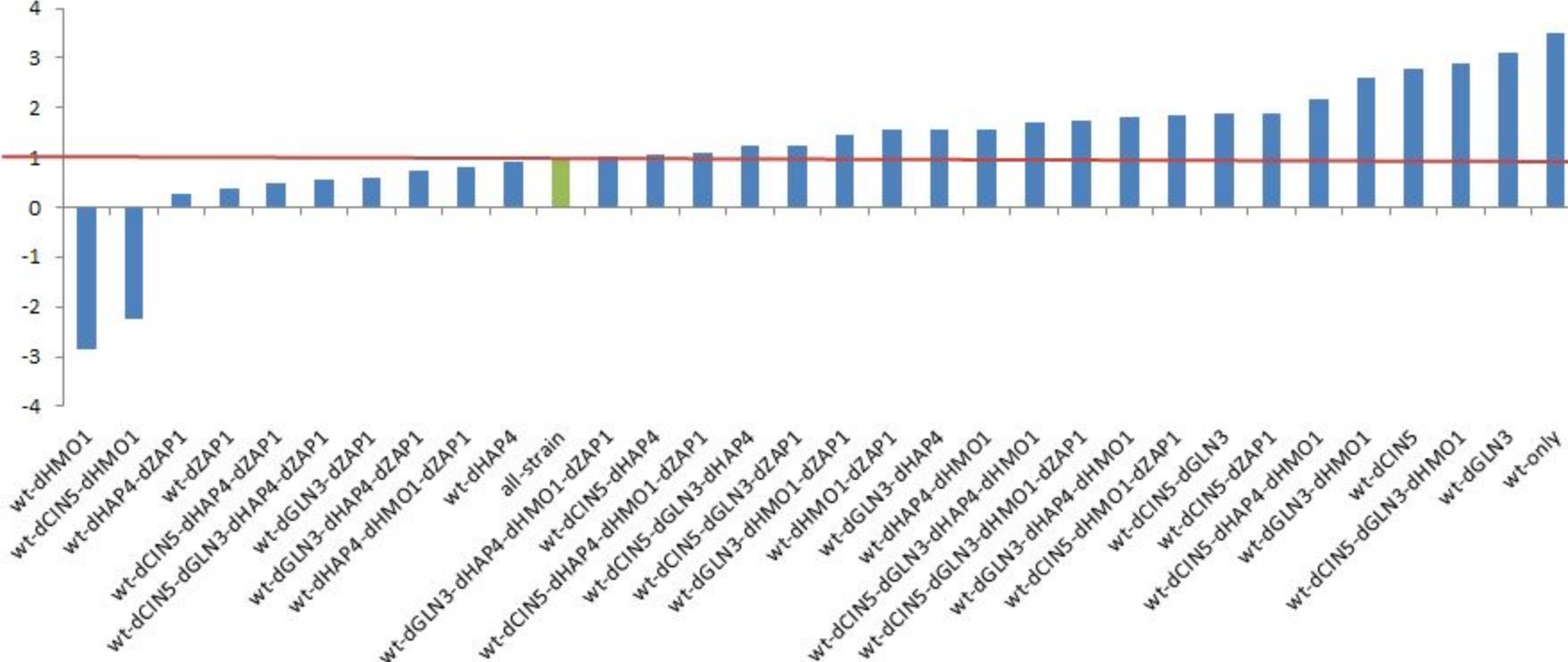
## CIN5 Threshold Ratio



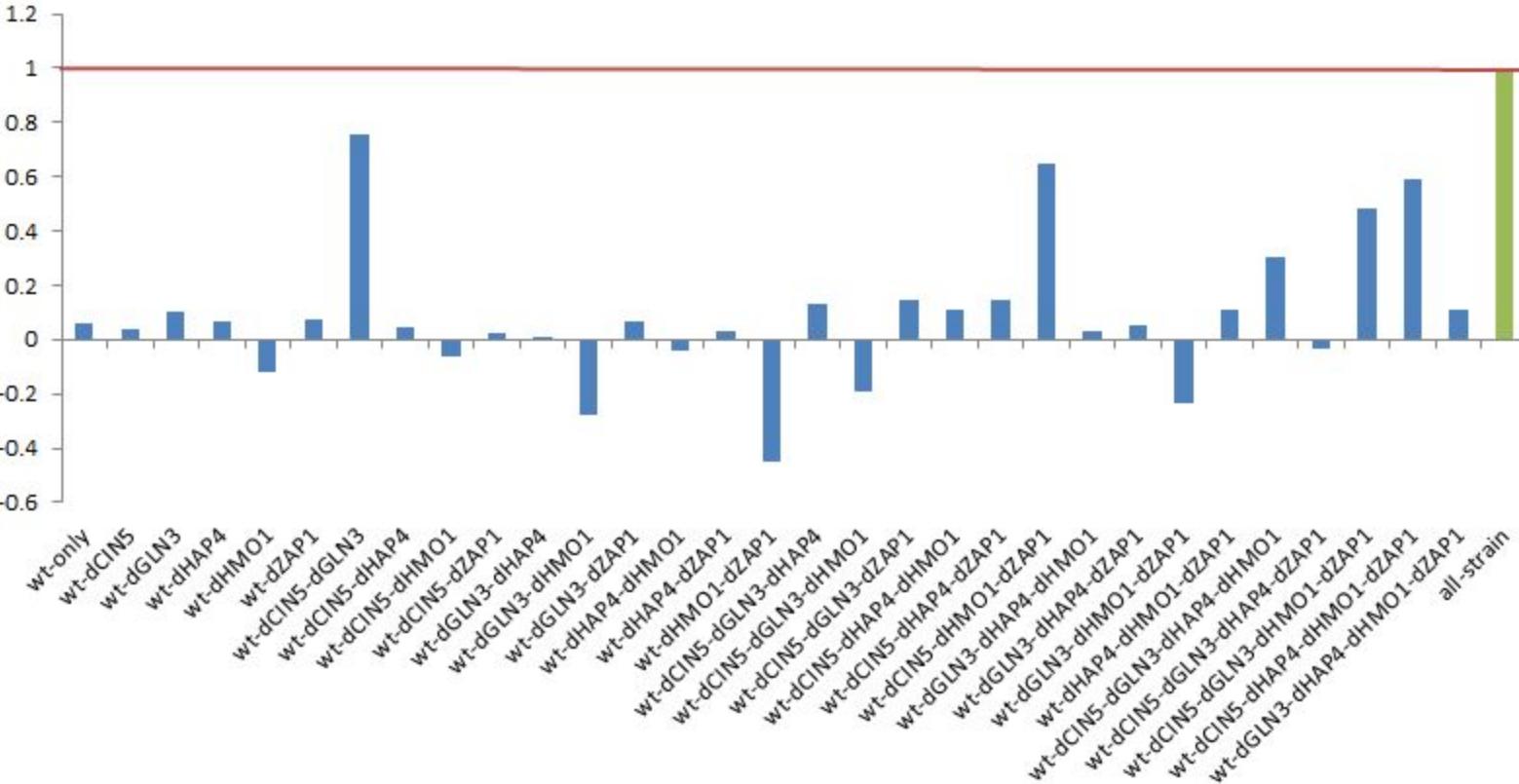
## GLN3 Threshold Ratio



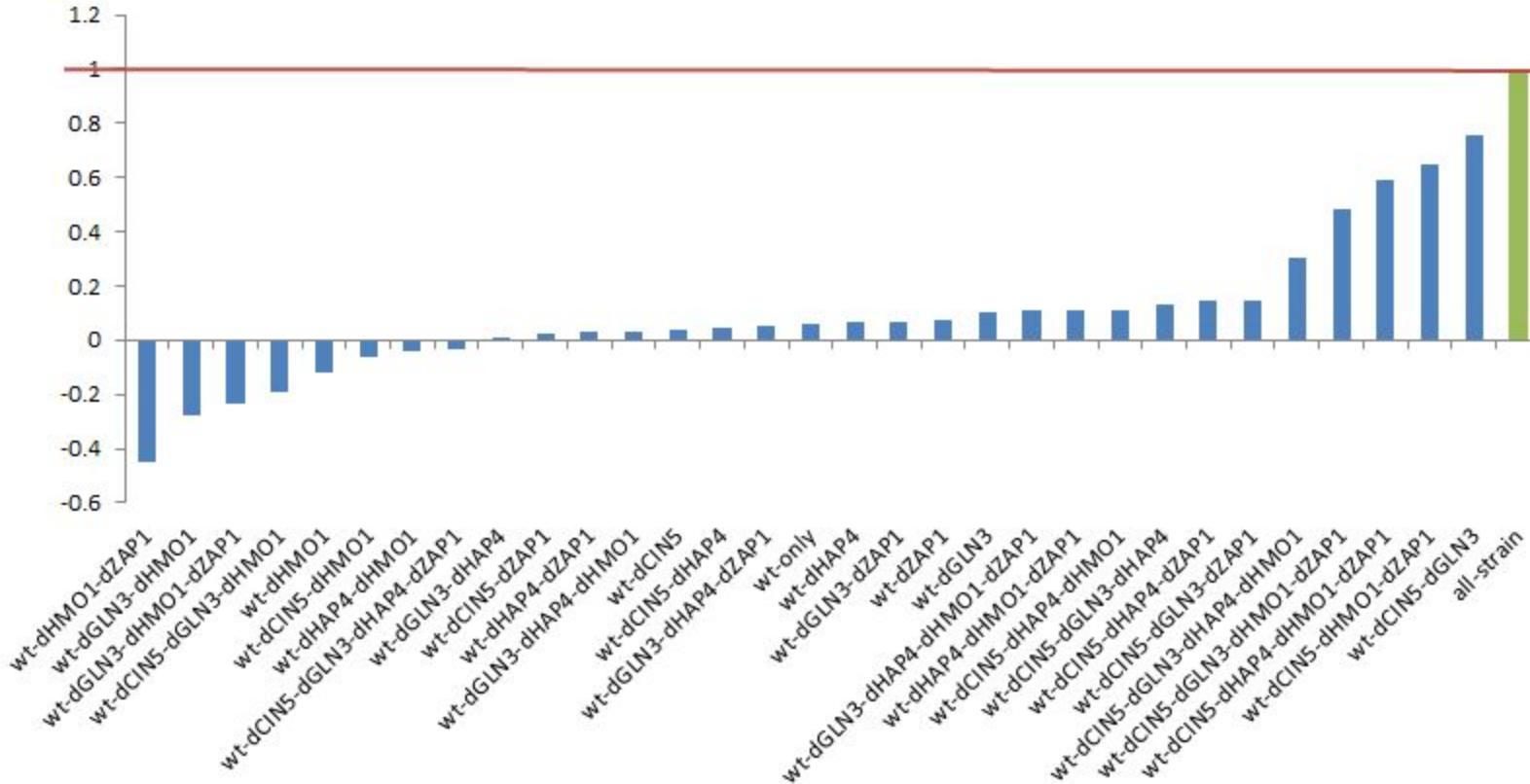
## GLN3 Threshold Ratio



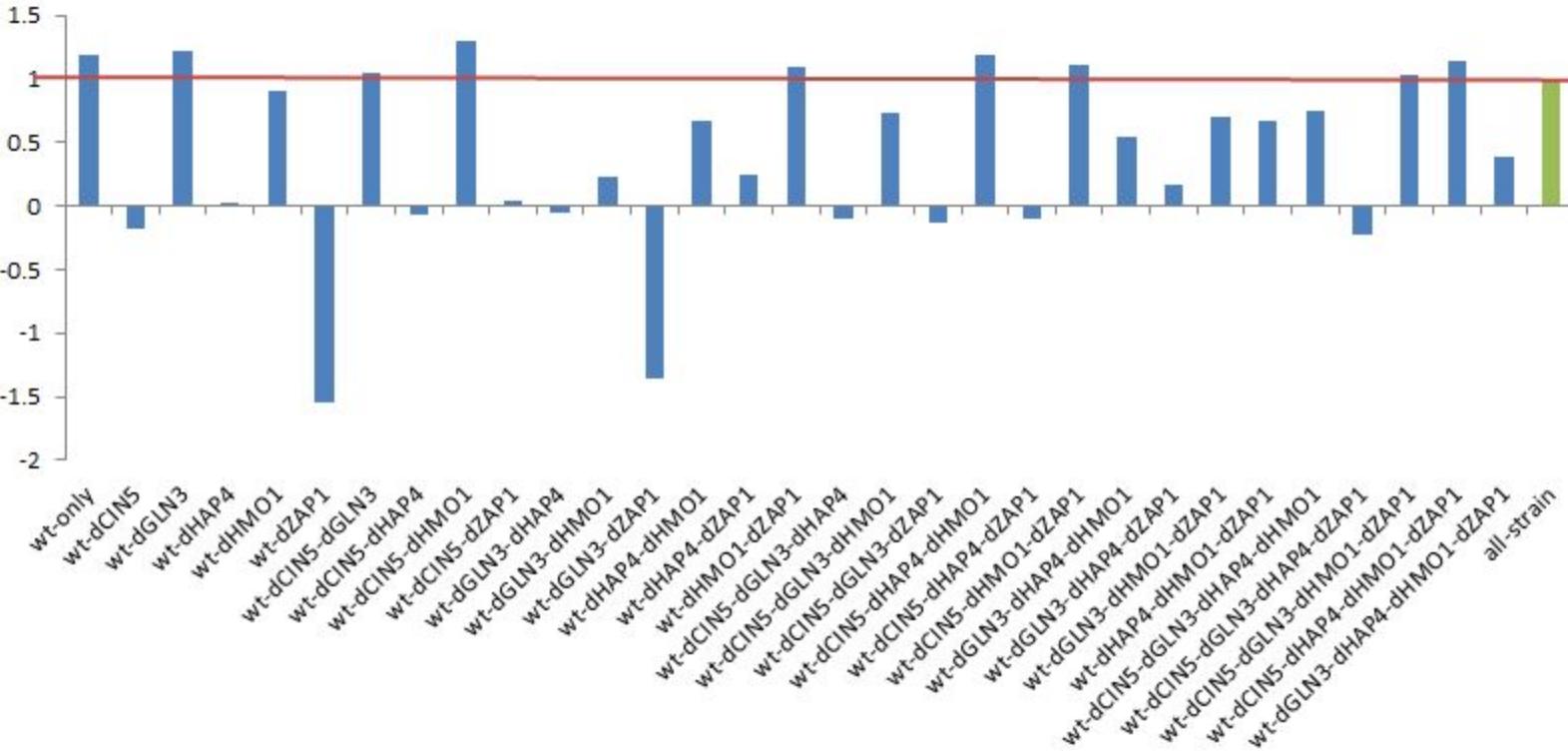
## HAP4 Threshold Ratio



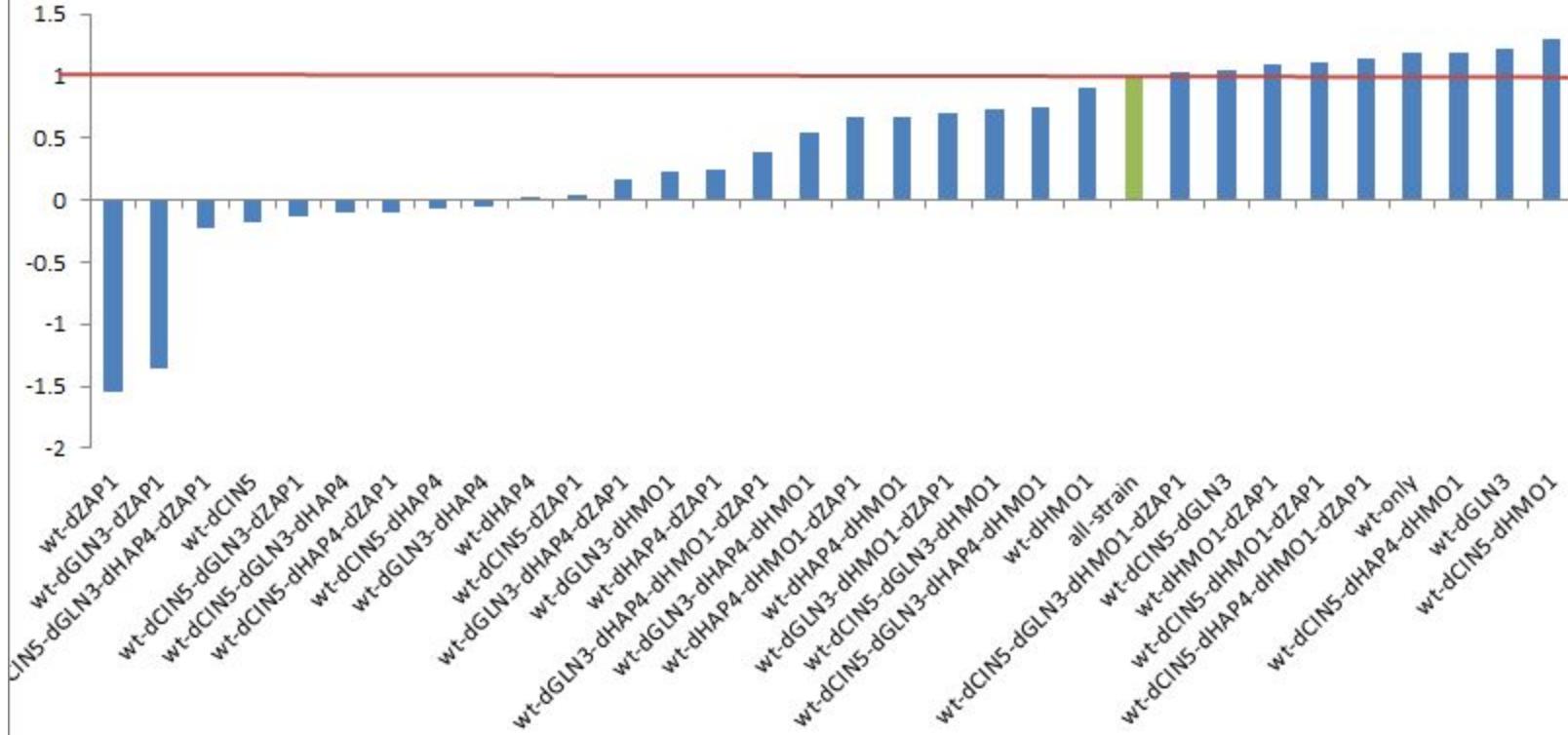
## HAP4 Threshold Ratio



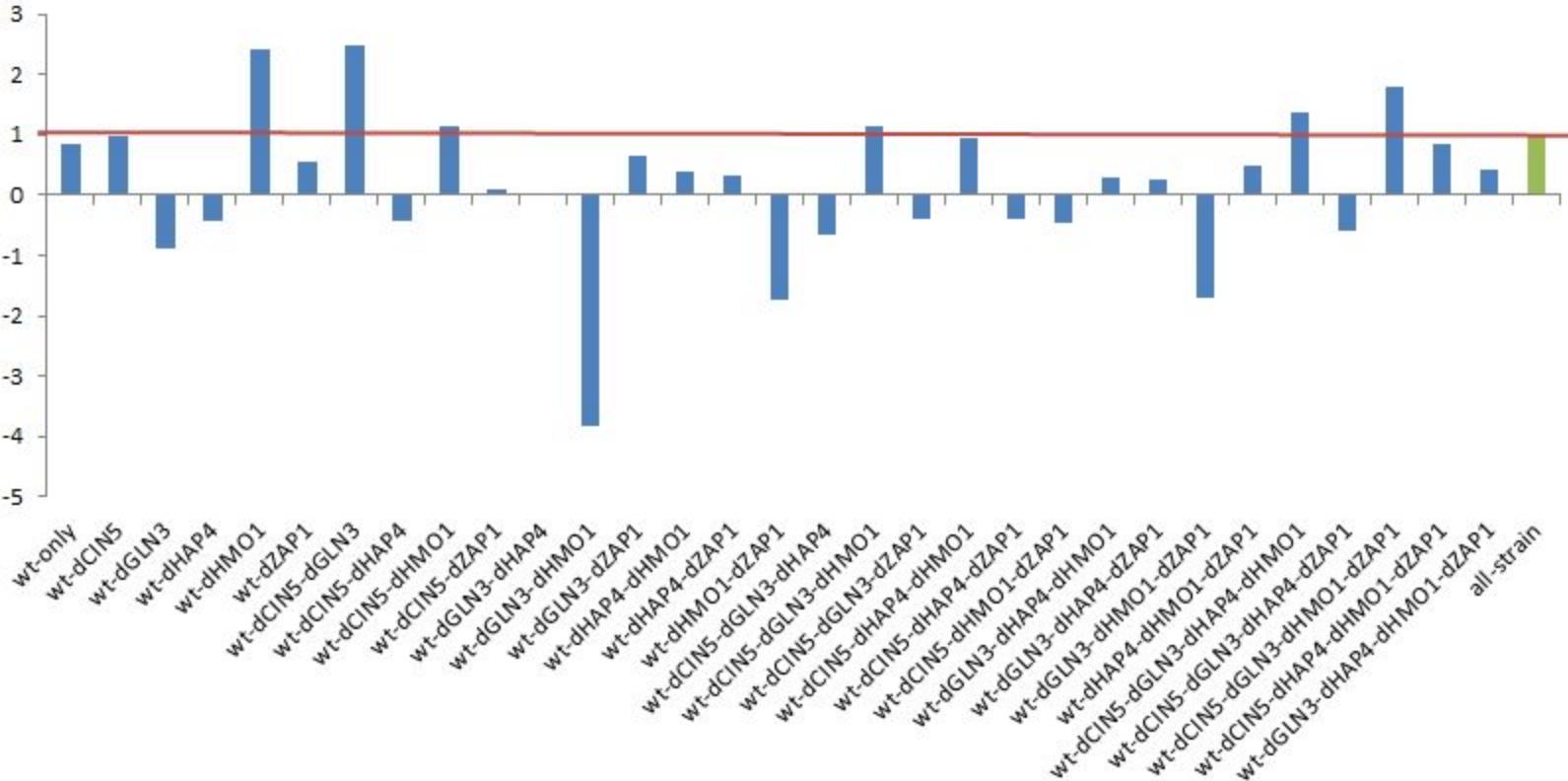
## HMO1 Threshold Ratio



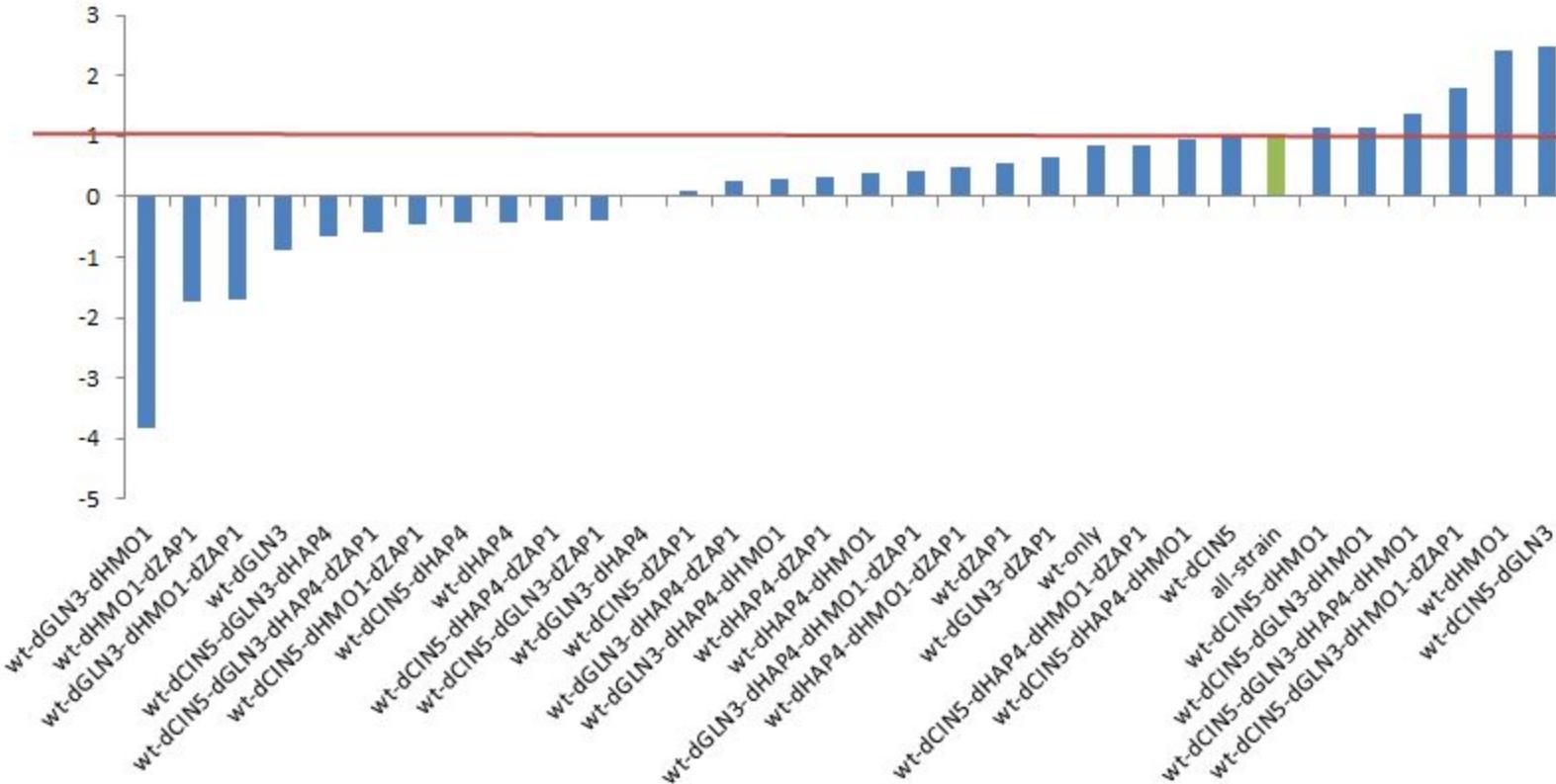
## HMO1 Threshold Ratio



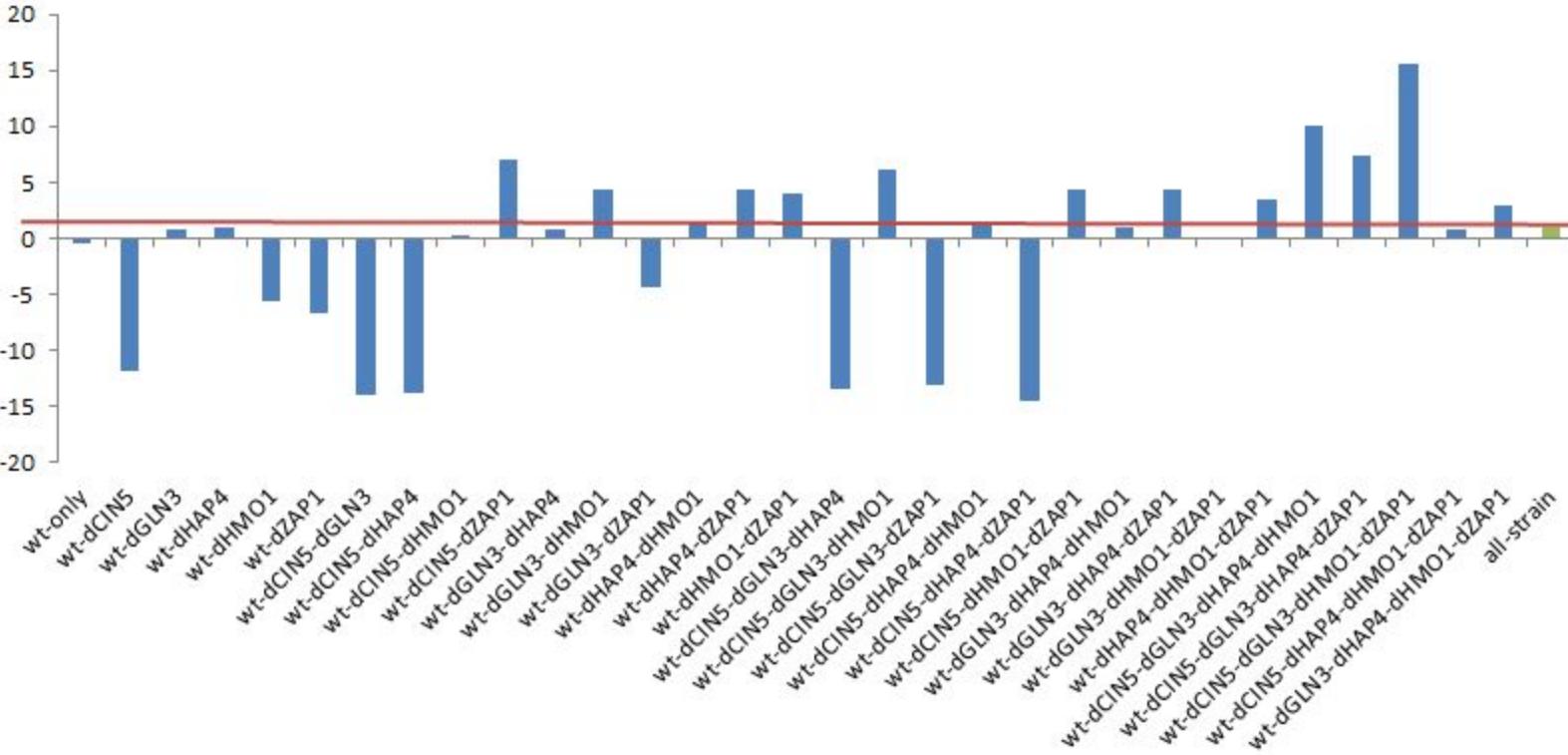
## MSN2 Threshold Ratio



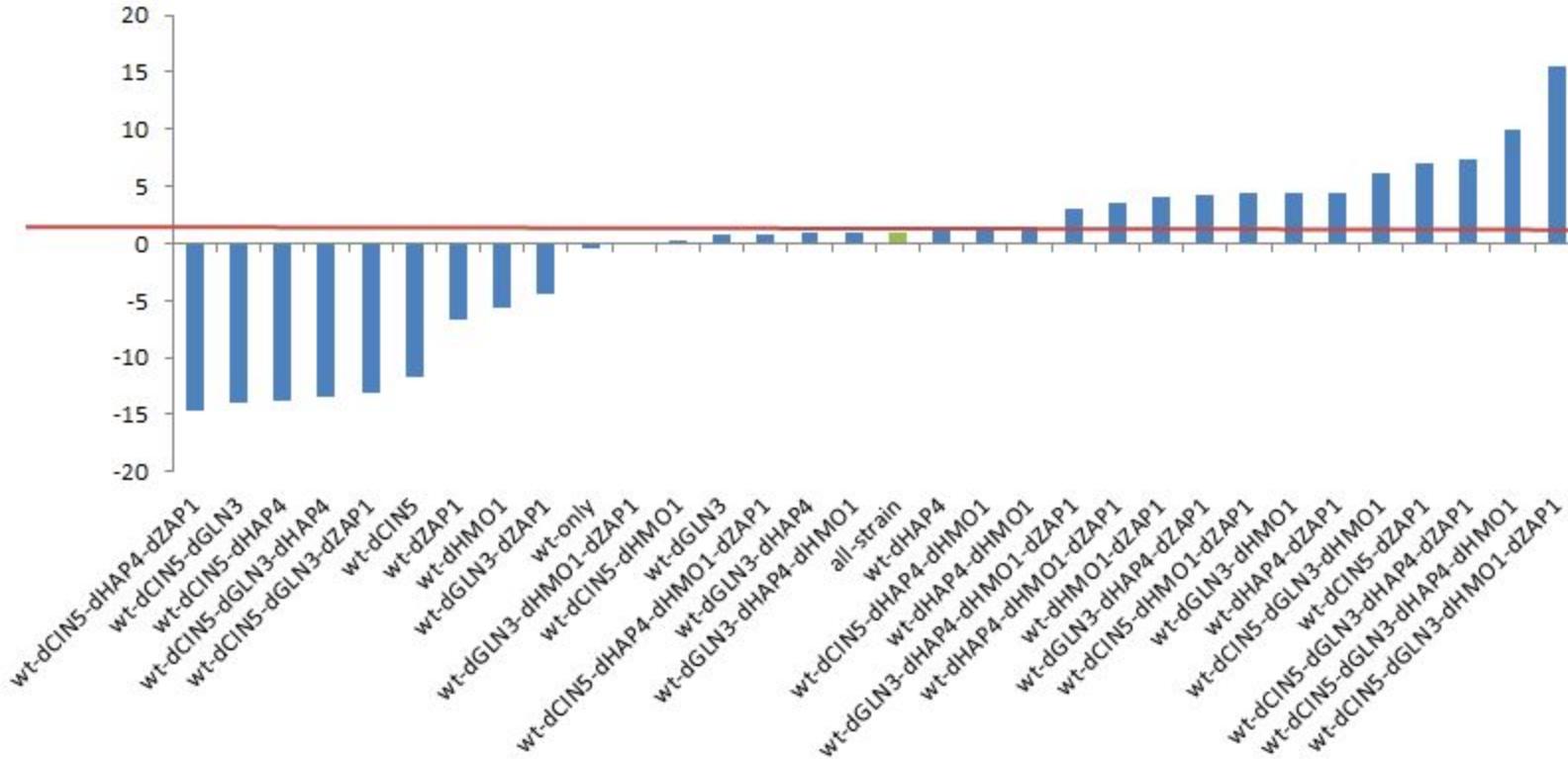
## MSN2 Threshold Ratio



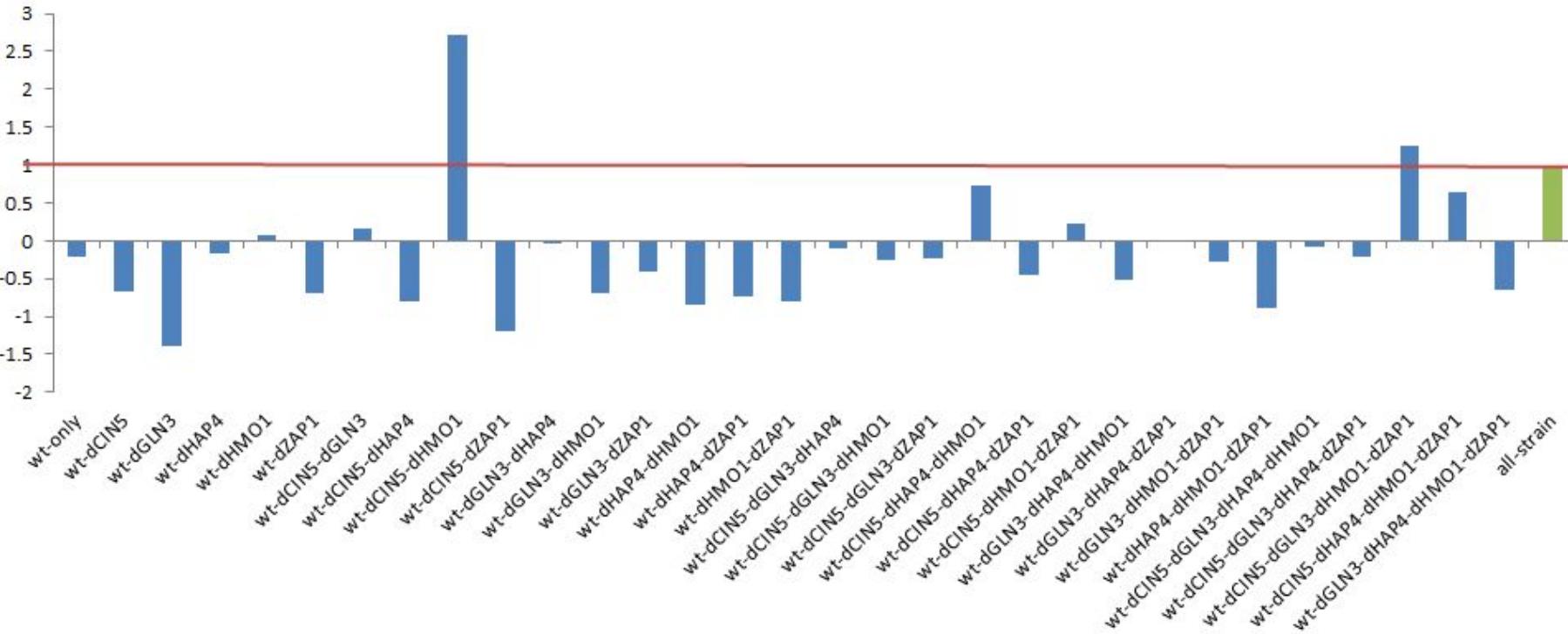
## SFP1 Threshold Ratio



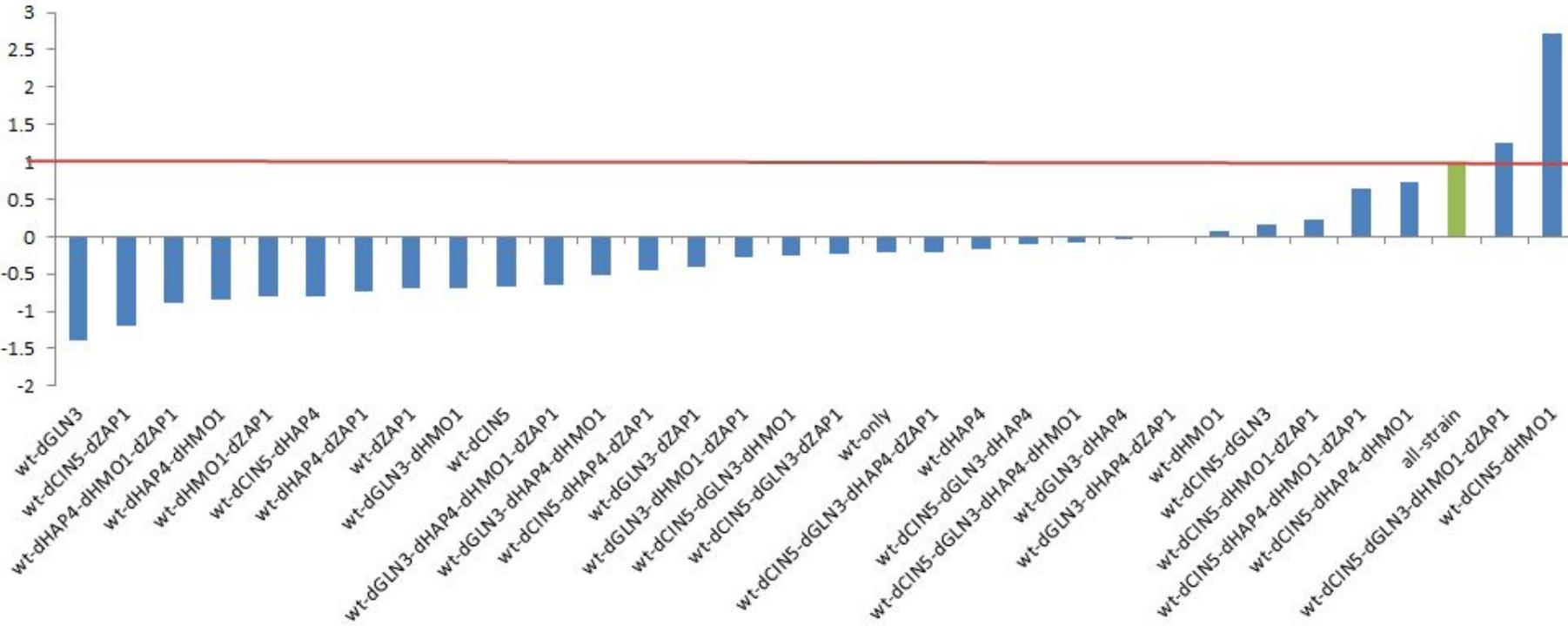
## SFP1 Threshold Ratio



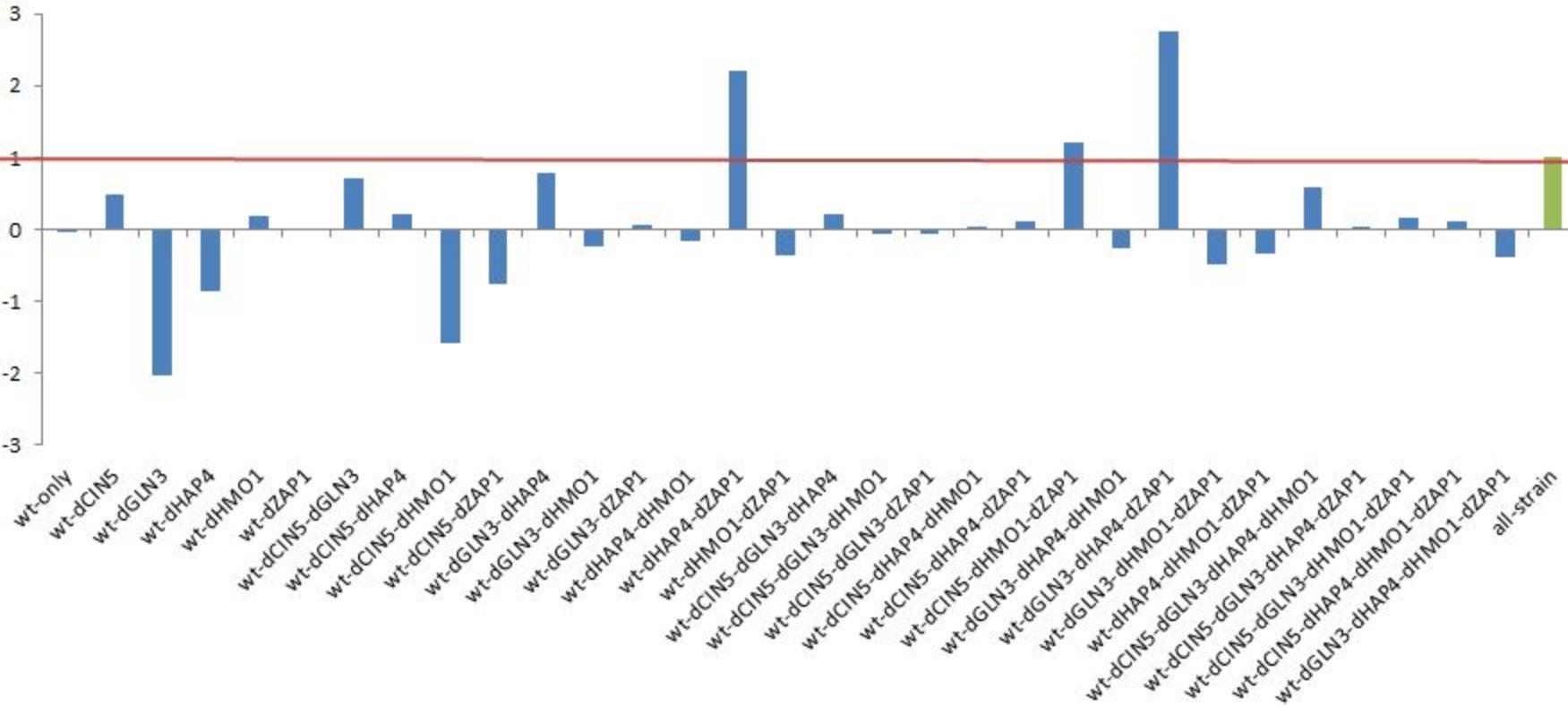
## STB5 Threshold Ratio



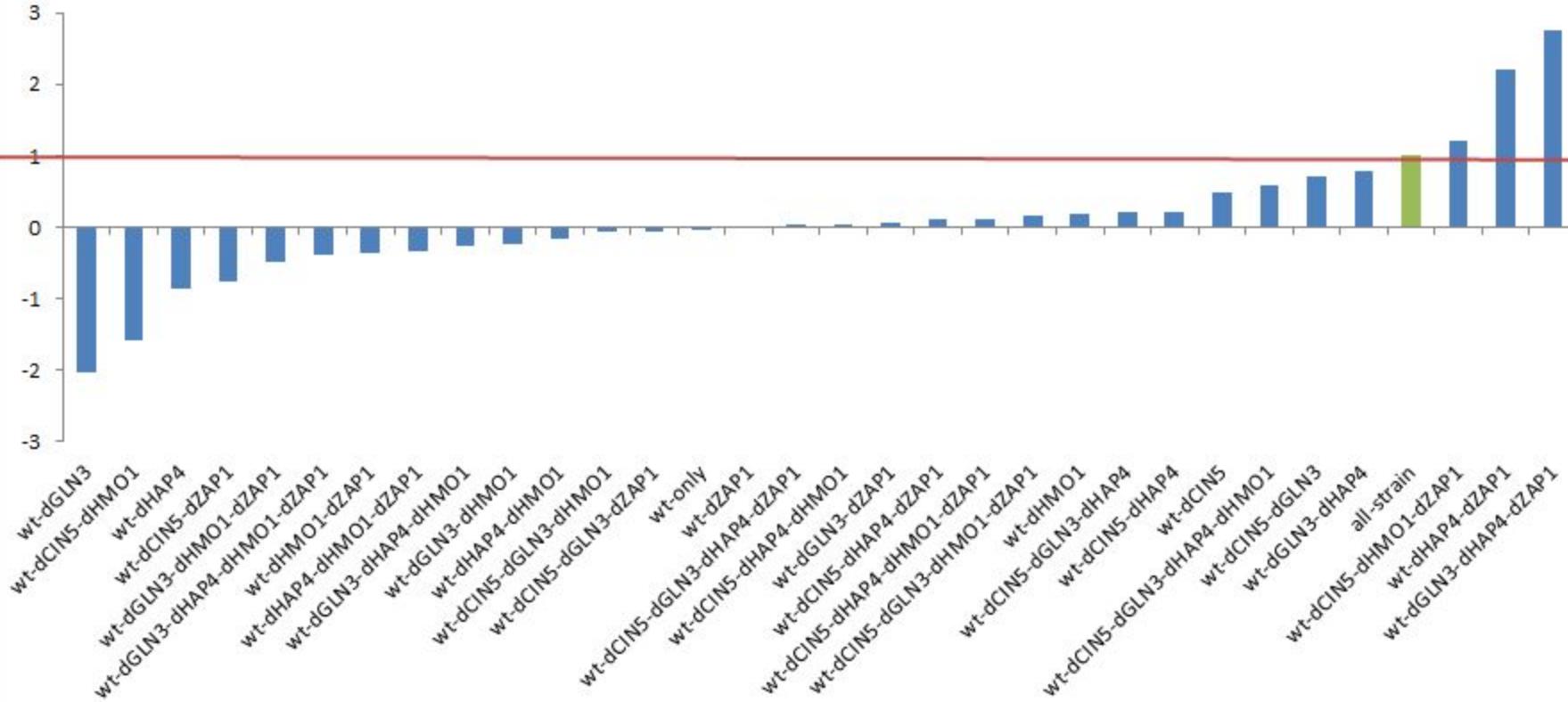
## STB5 Threshold Ratio



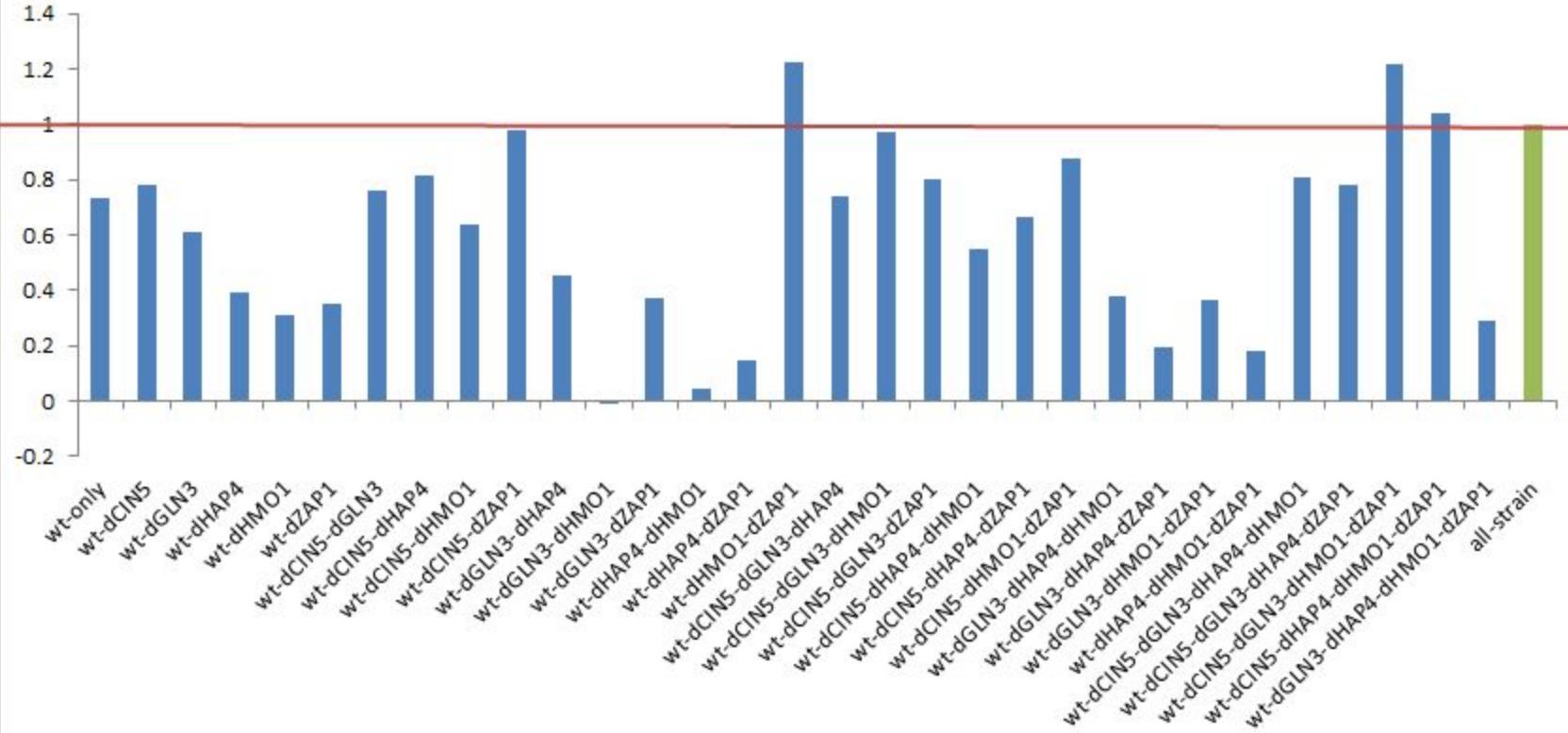
## SWI4 Threshold Ratio



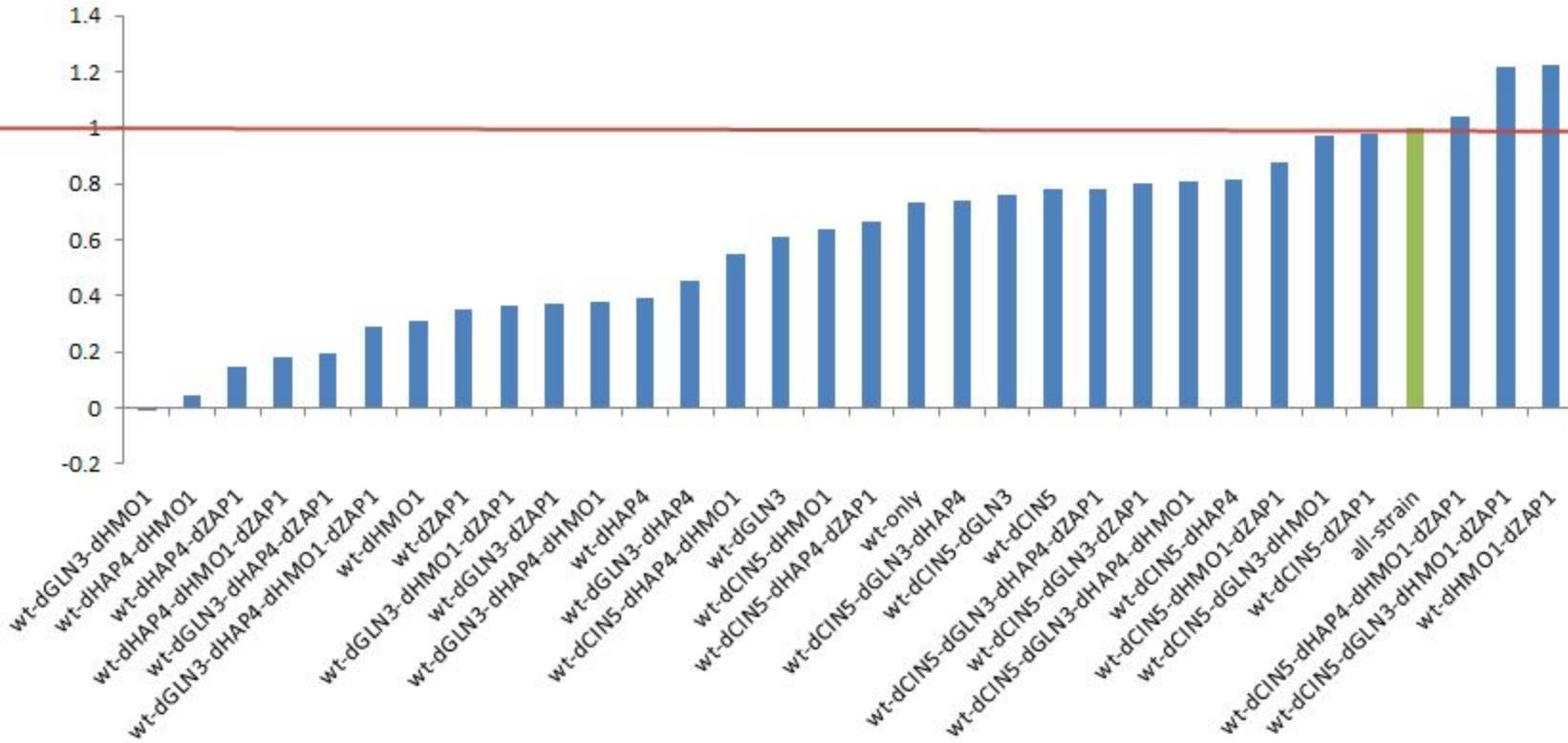
## SWI4 Threshold Ratio



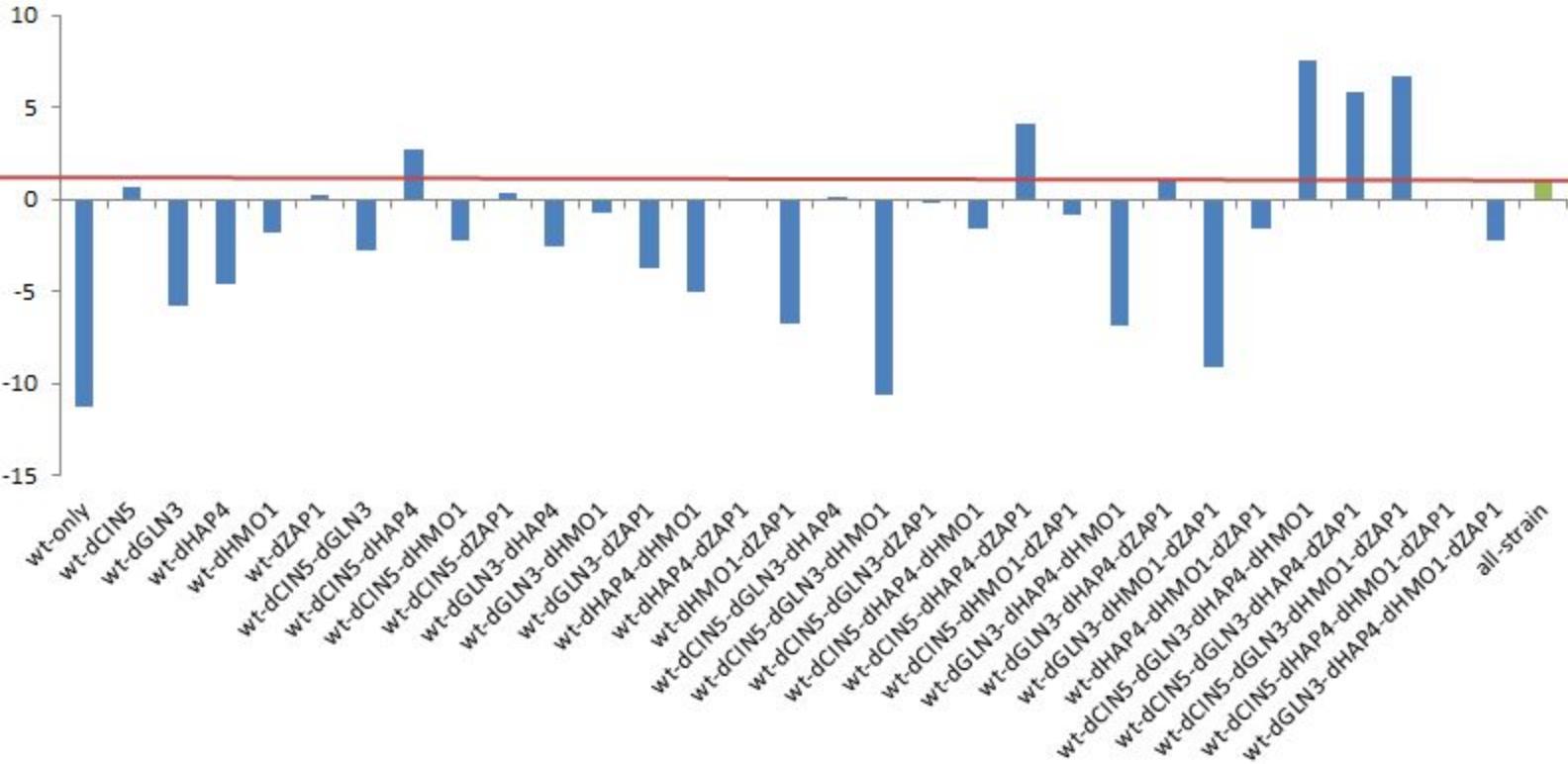
## SWI5 Threshold Ratio



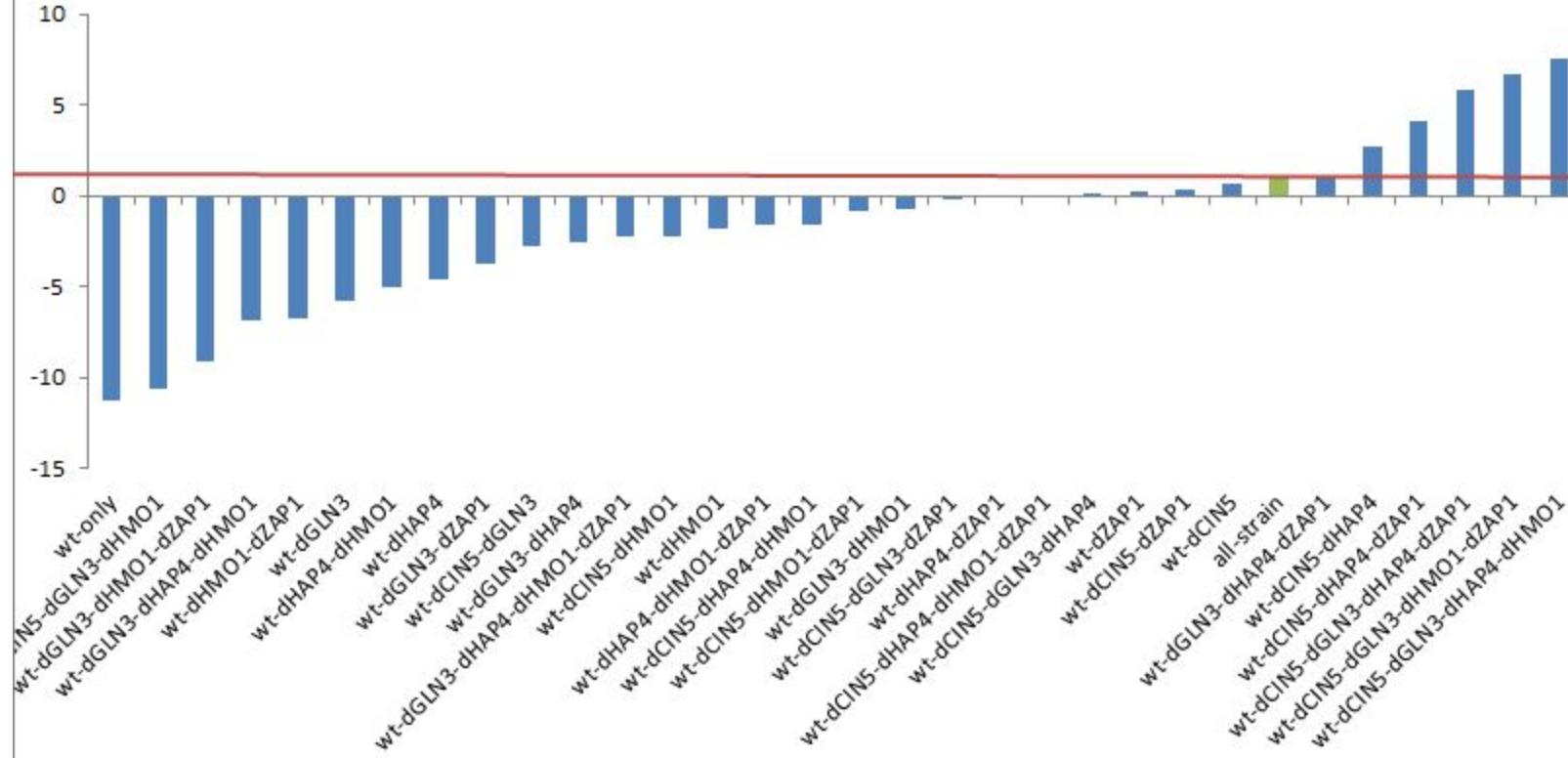
## SWI5 Threshold Ratio



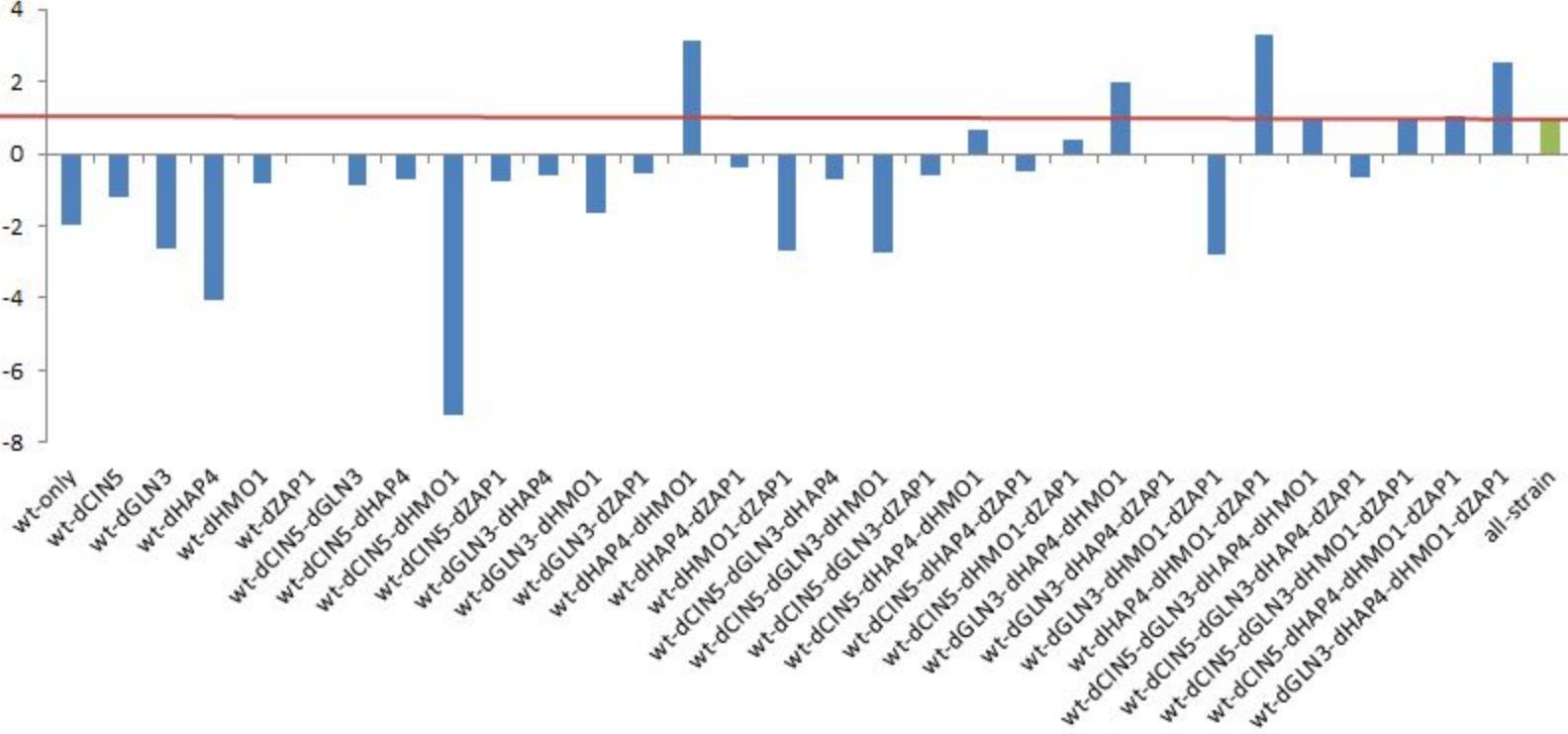
## YHP1 Threshold Ratio



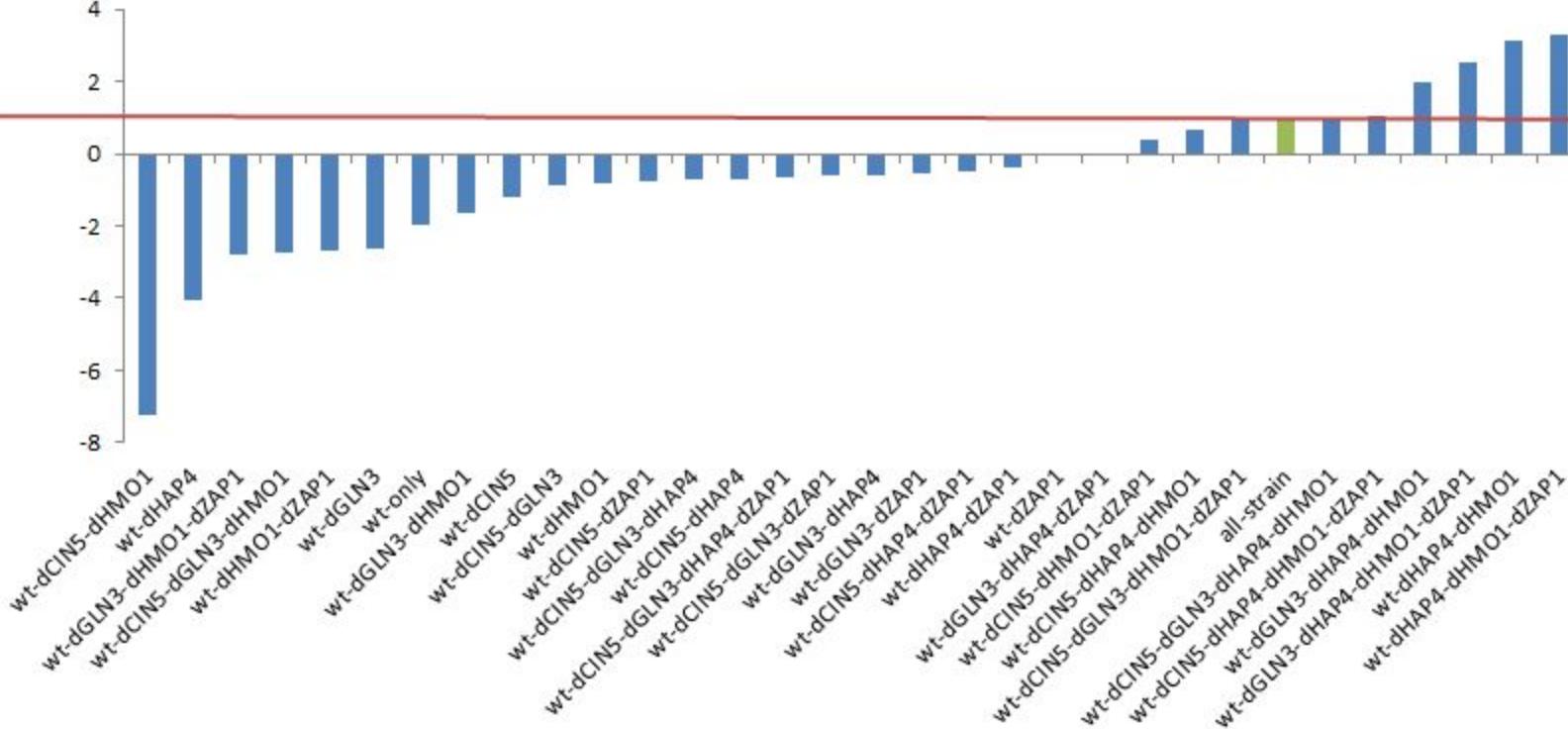
## YHP1 Threshold Ratio



## YOX1 Threshold Ratio

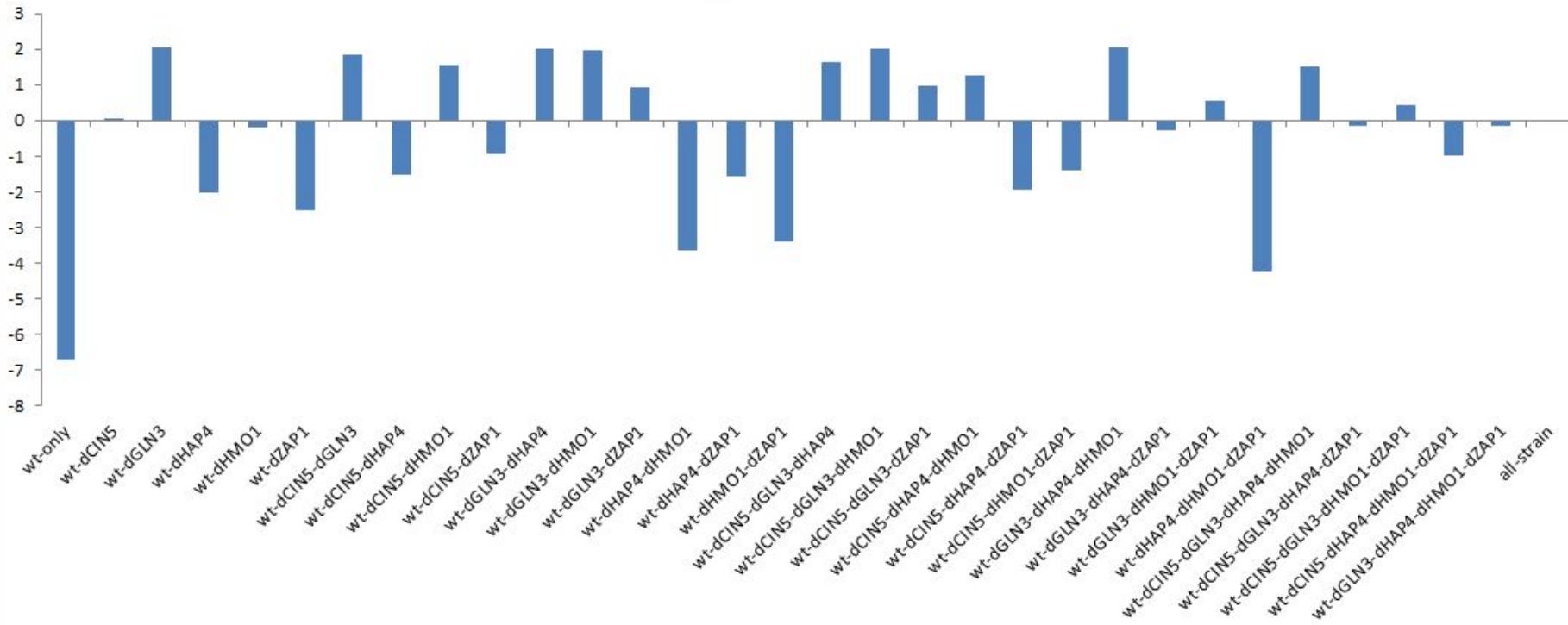


## YOX1 Threshold Ratio

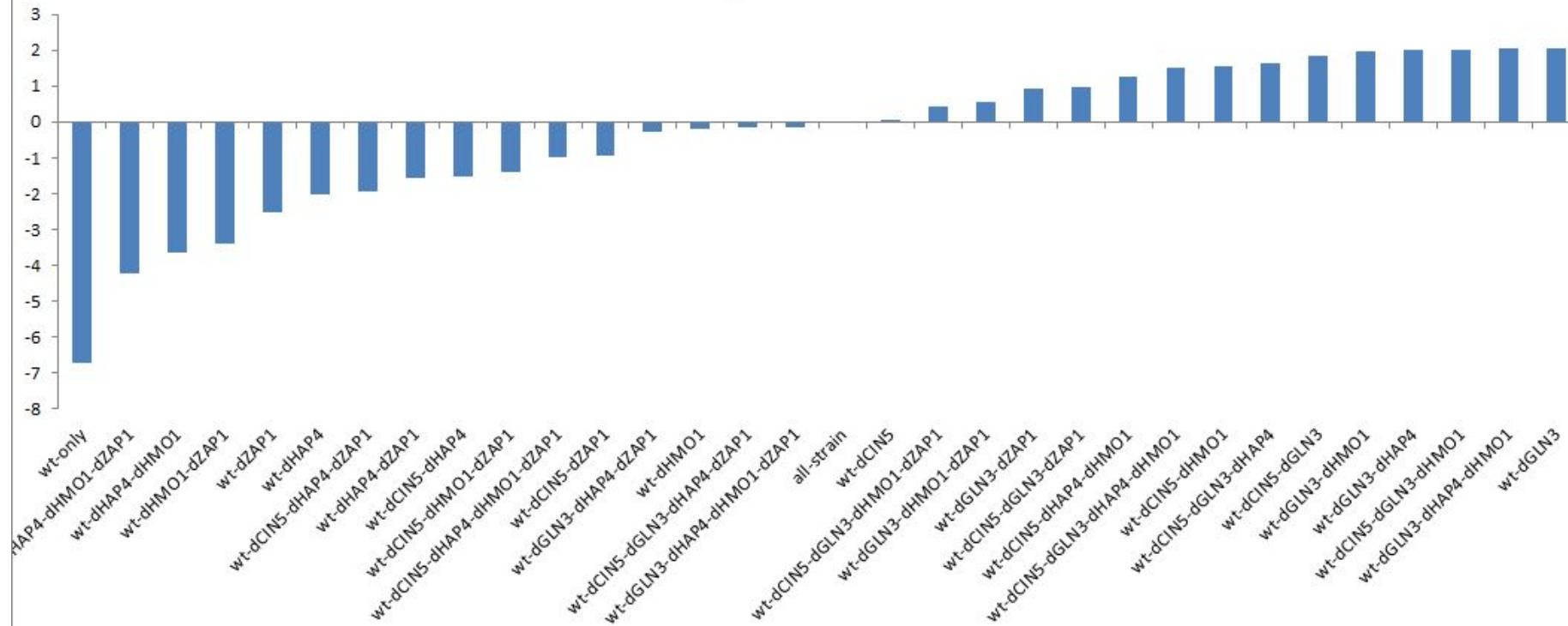


# Log2 Threshold Ratio

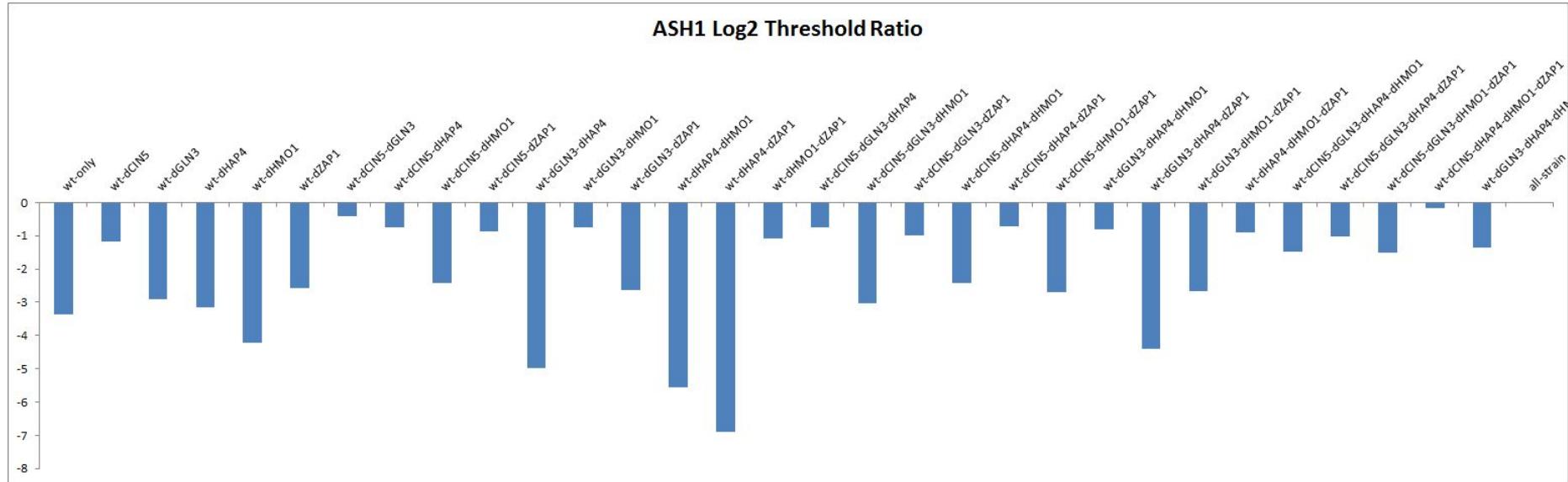
## ACE2 Log2 Threshold Ratio



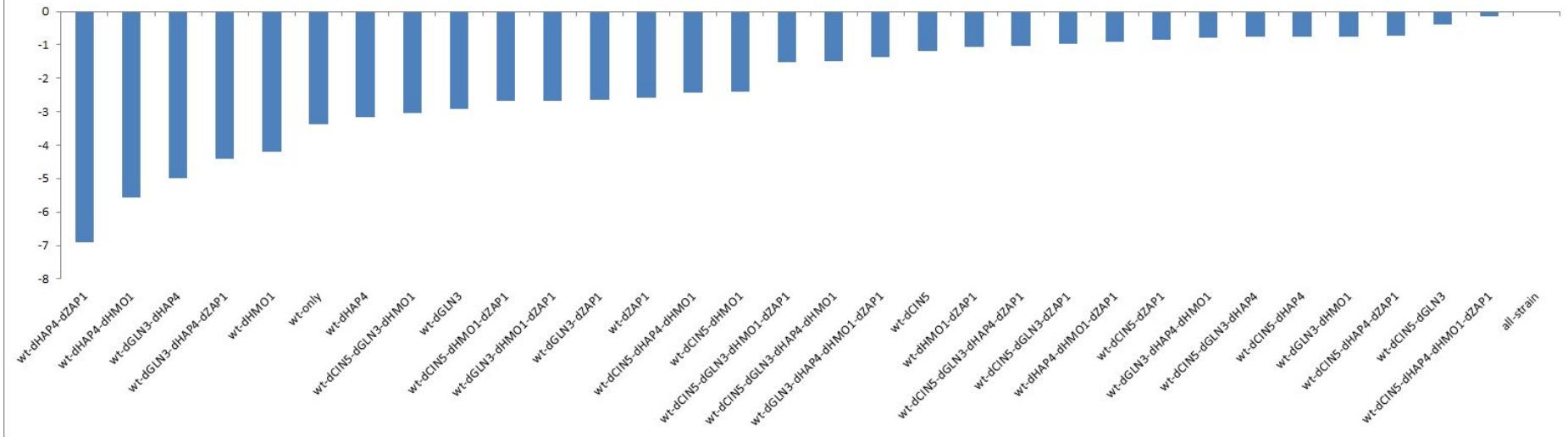
## ACE2 Log2 Threshold Ratio



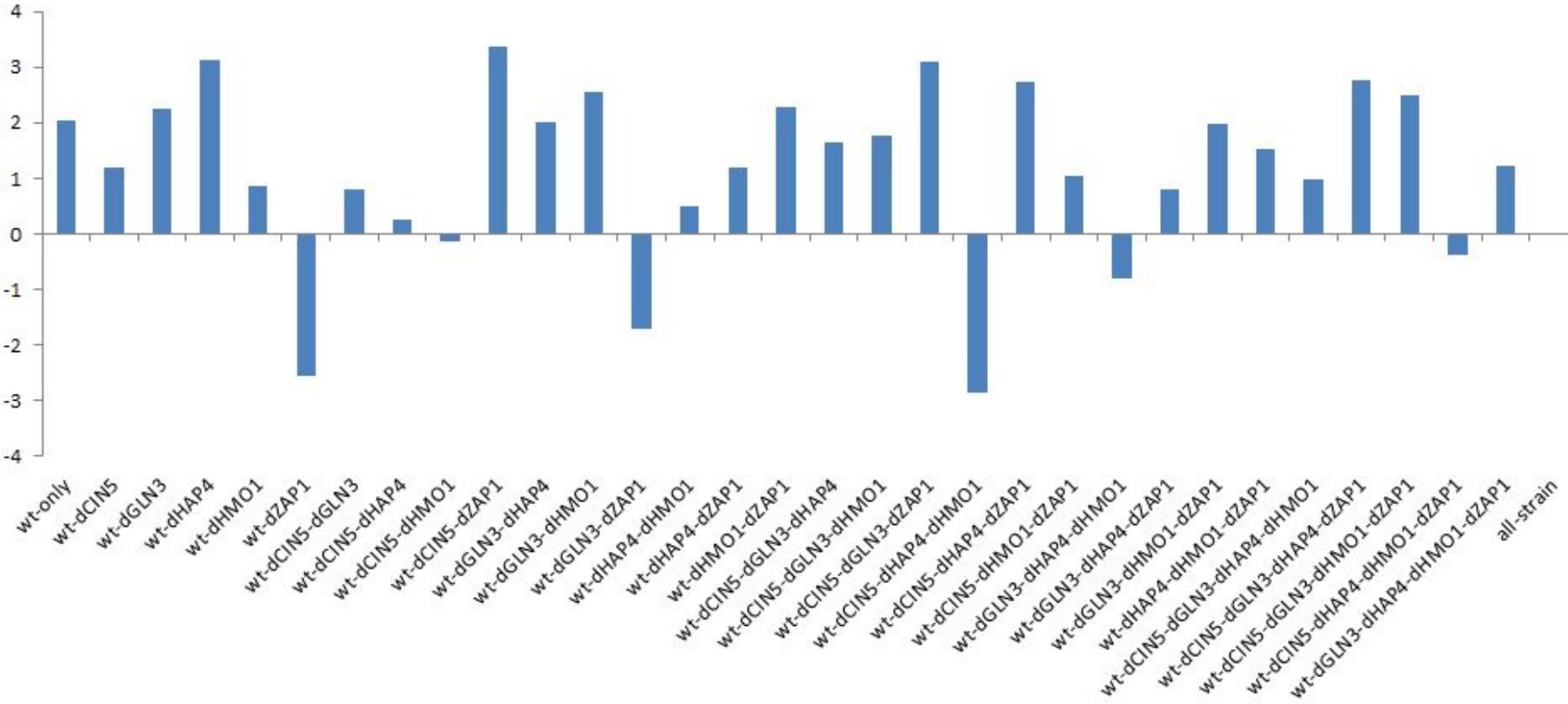
### ASH1 Log2 Threshold Ratio



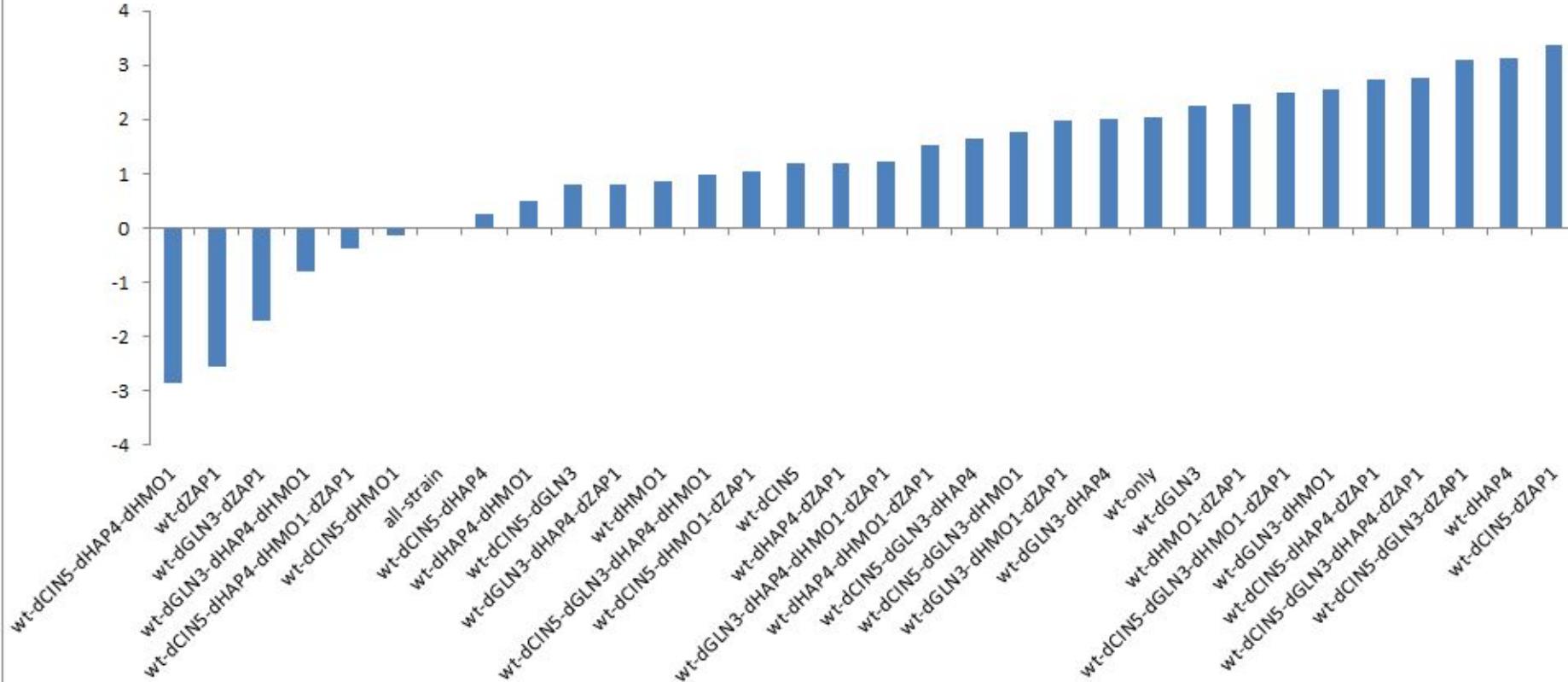
## ASH1 Log2 Threshold Ratio



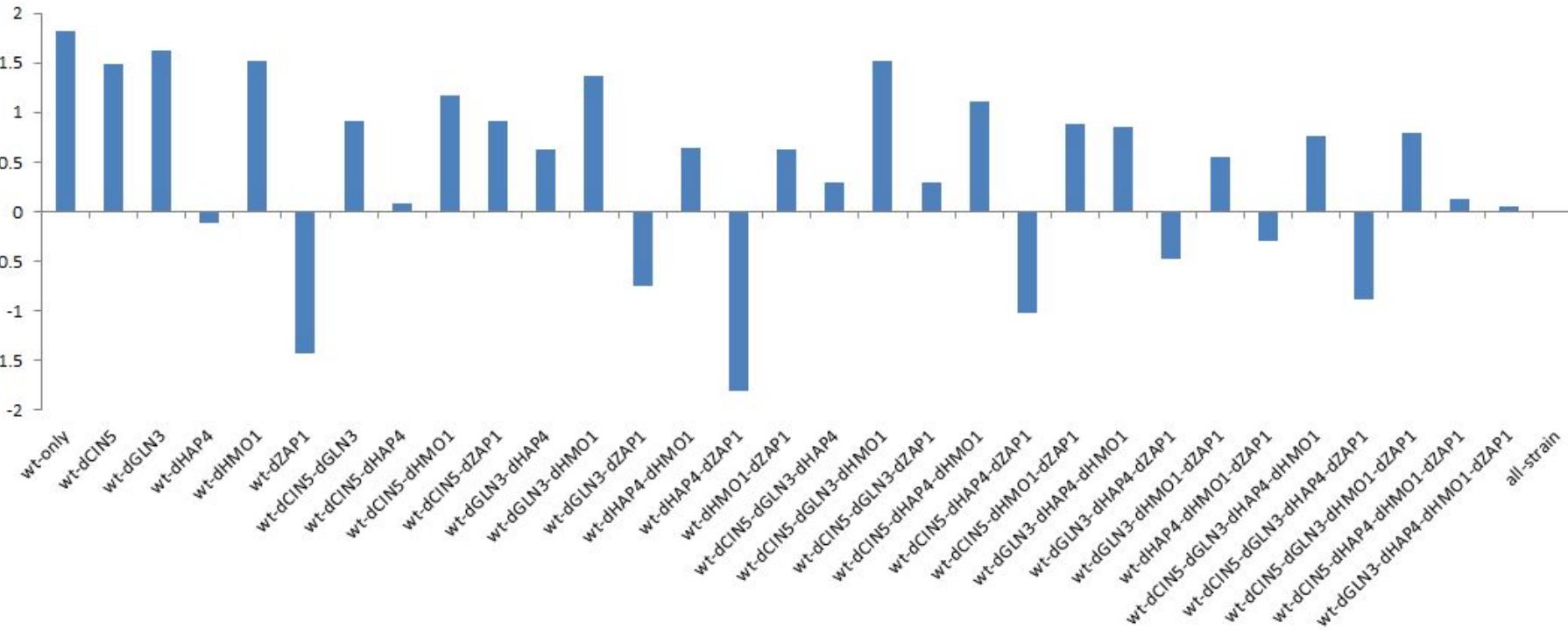
## CIN5 Log2 Threshold Ratio



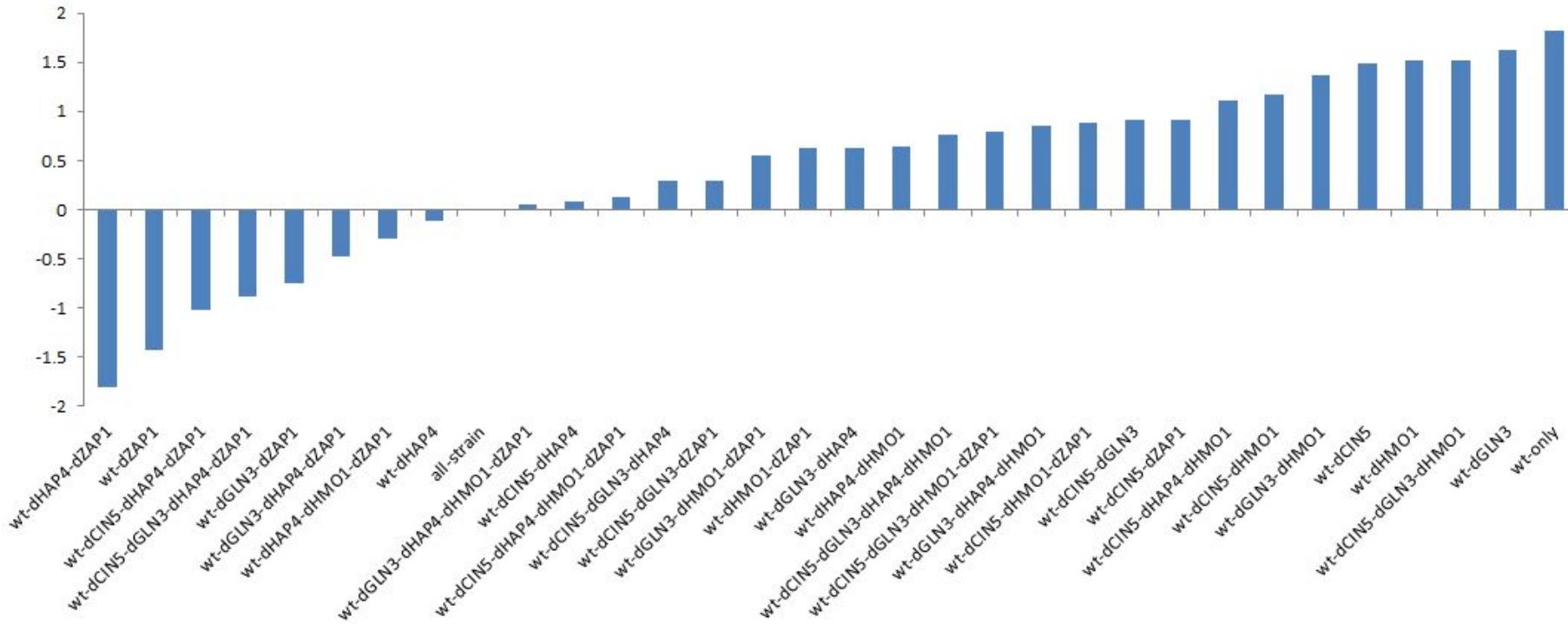
## CIN5 Log2 Threshold Ratio



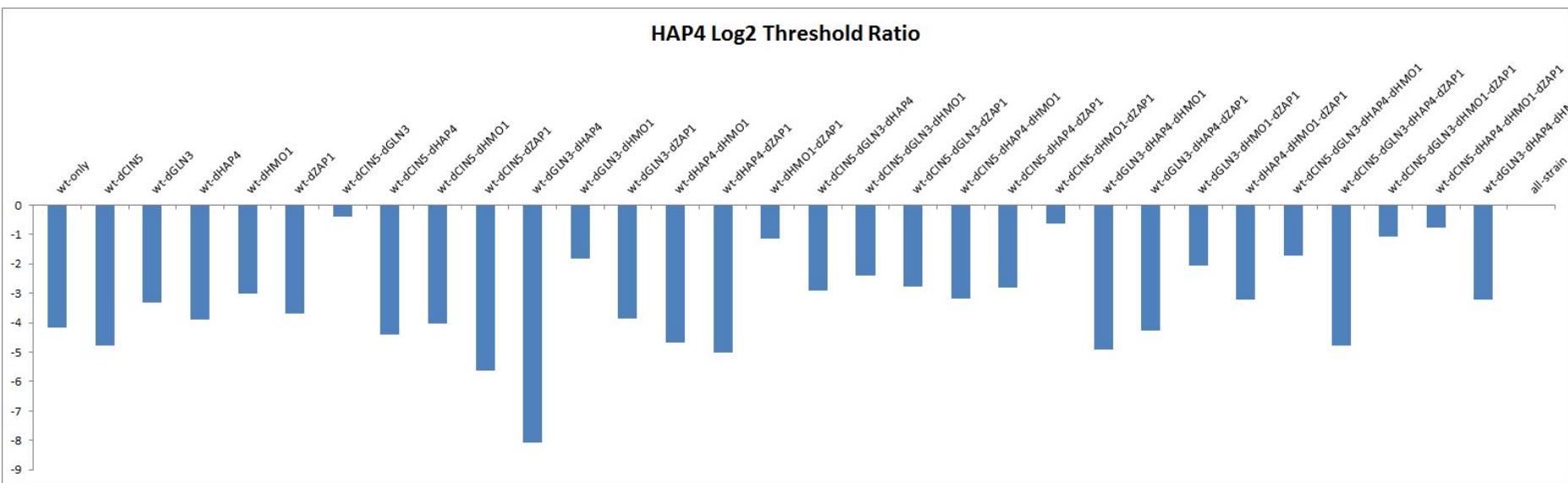
## GLN3 Log2 Threshold Ratio



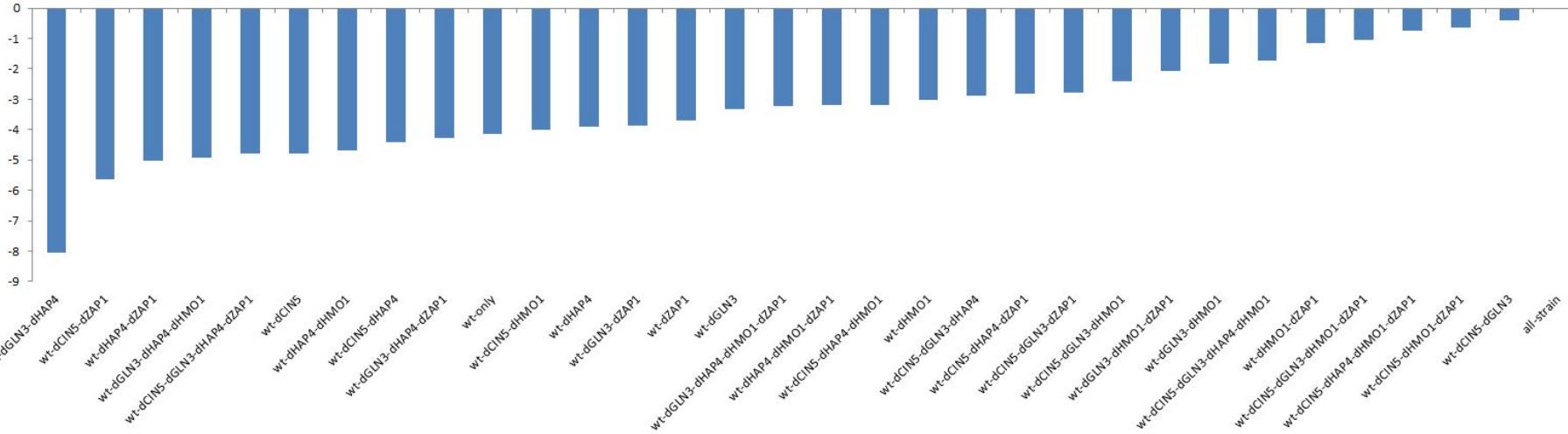
## GLN3 Log2 Threshold Ratio



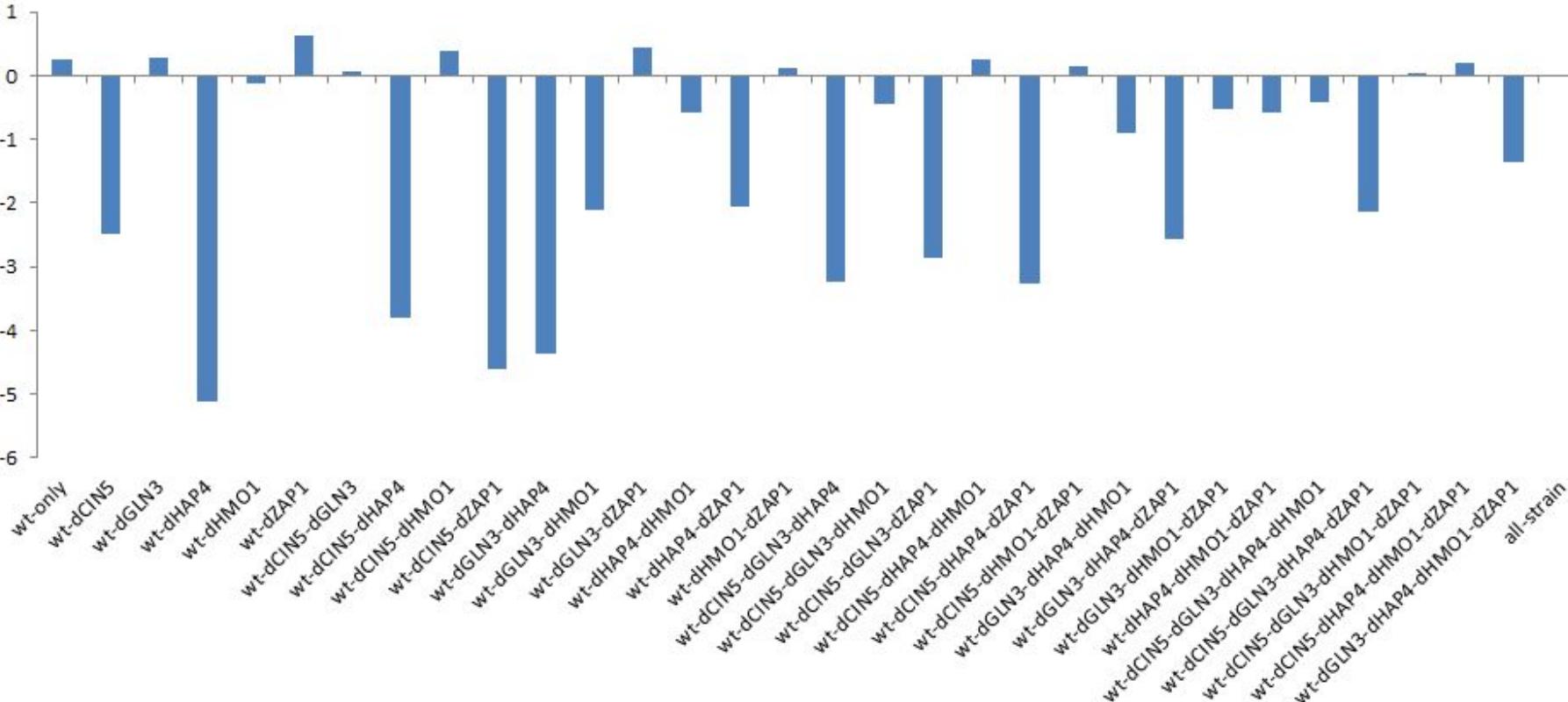
## HAP4 Log2 Threshold Ratio



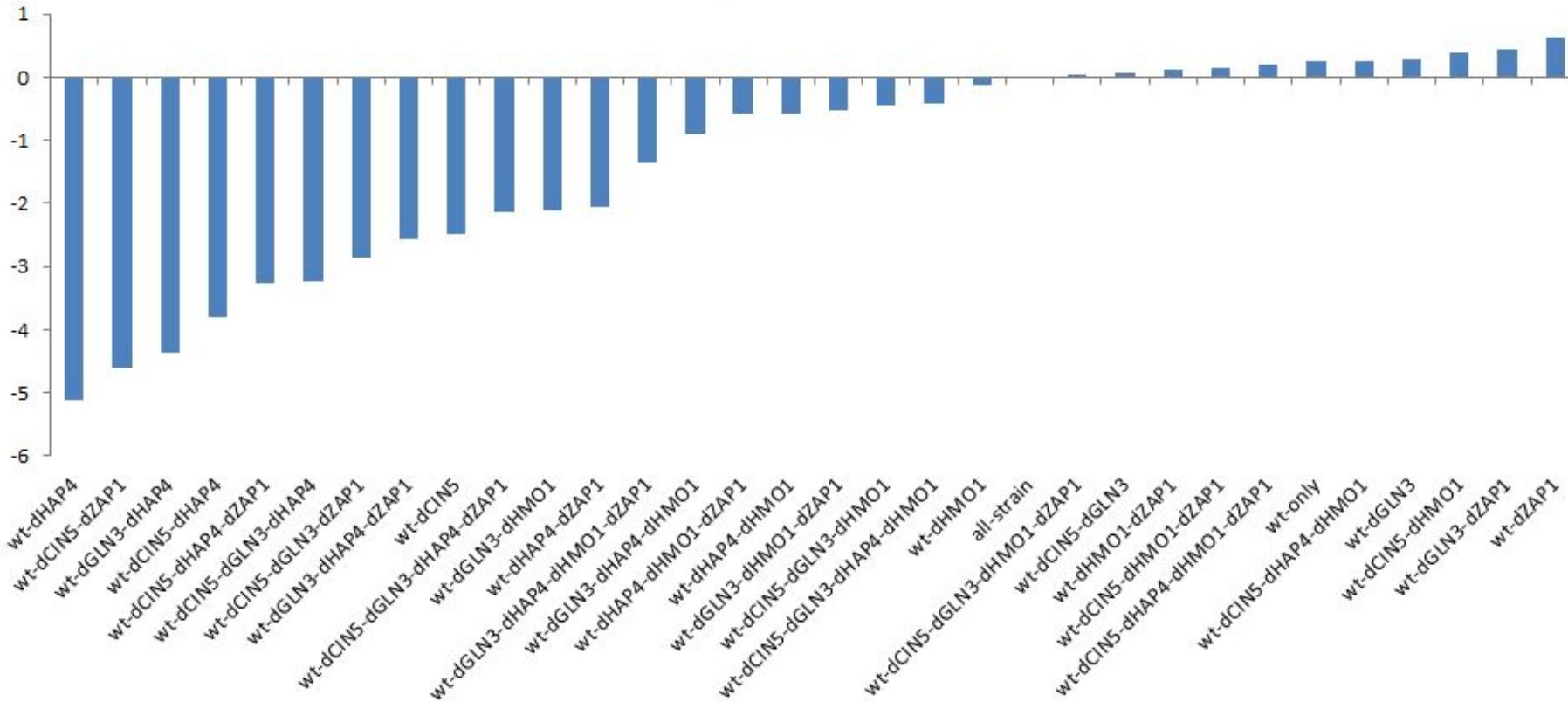
### HAP4 Log2 Threshold Ratio



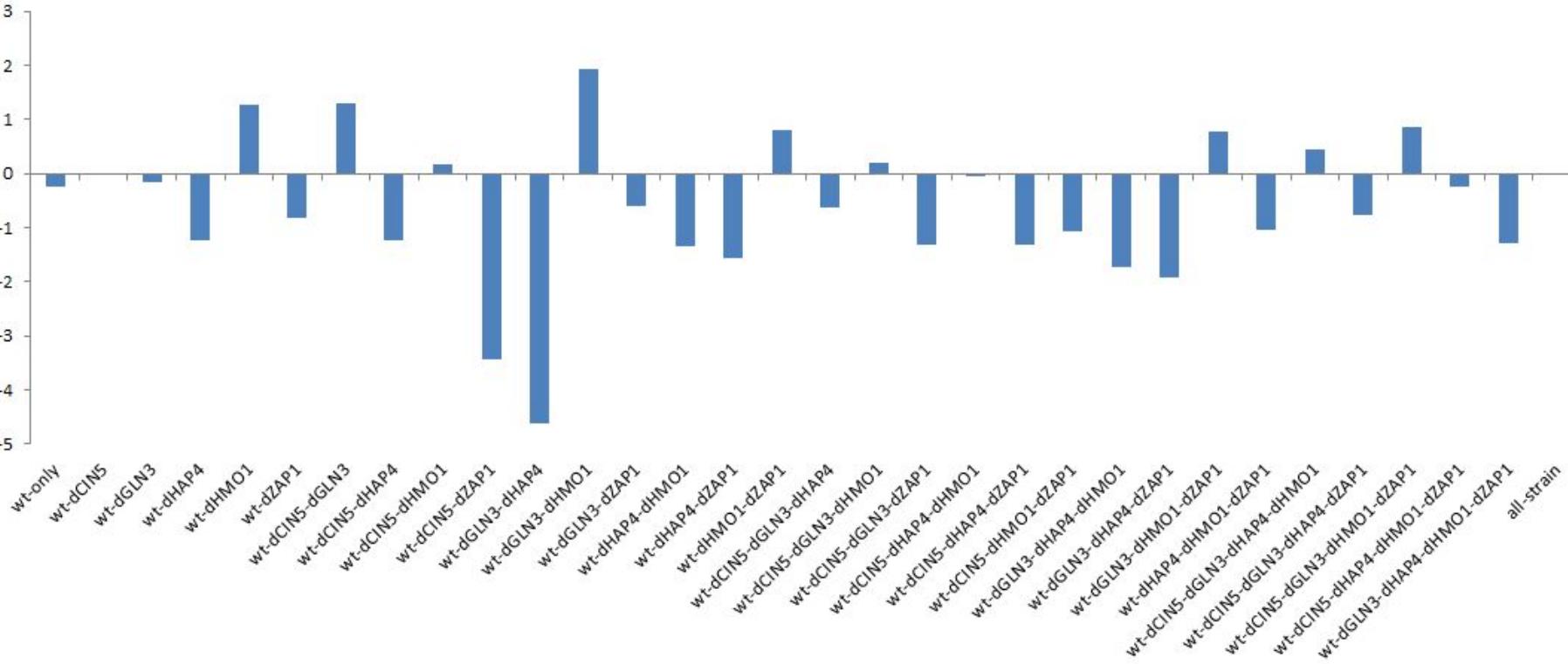
## HMO1 Log2 Threshold Ratio



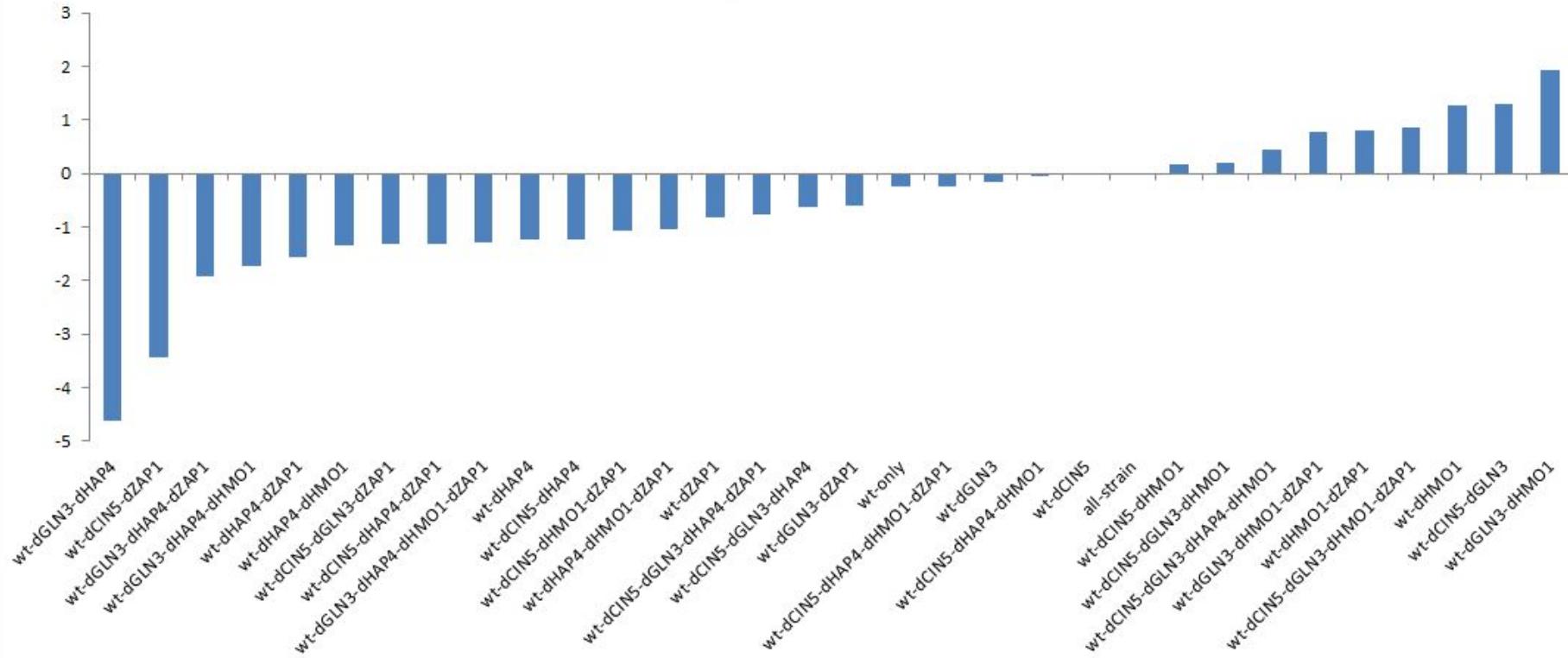
## HMO1 Log2 Threshold Ratio



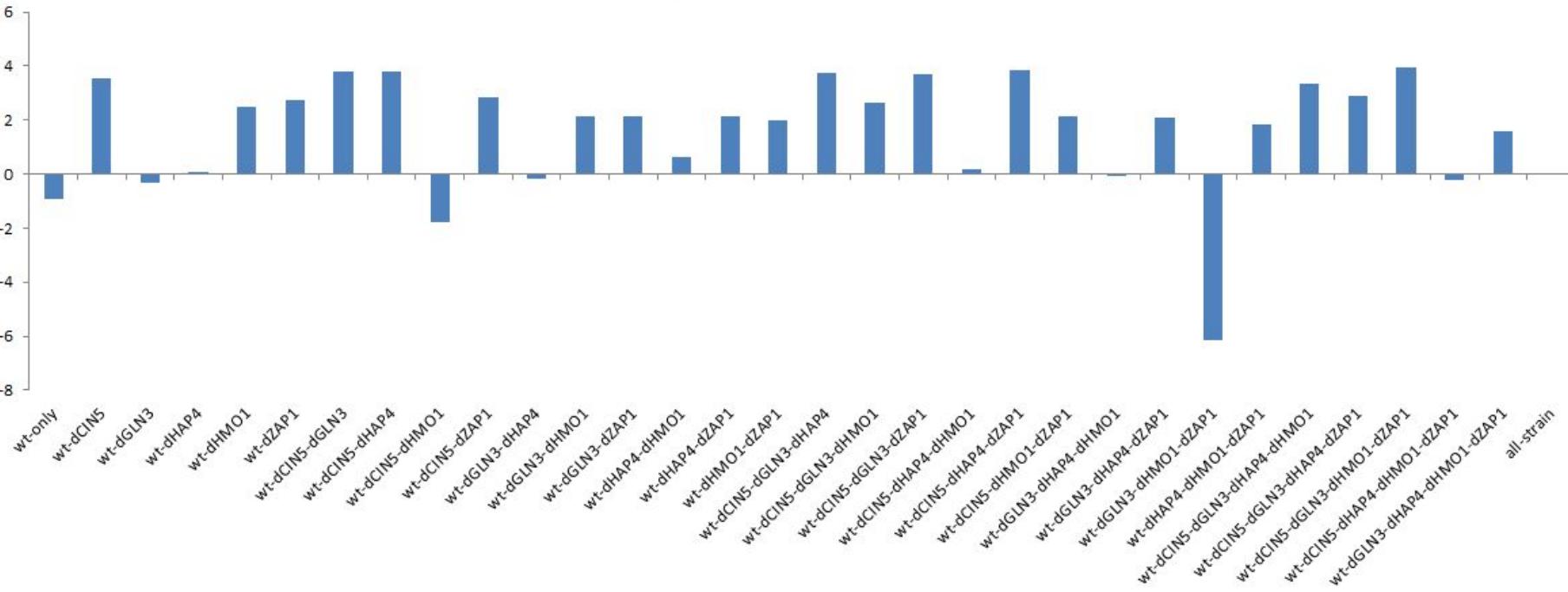
## MSN2 Log2 Threshold Ratio



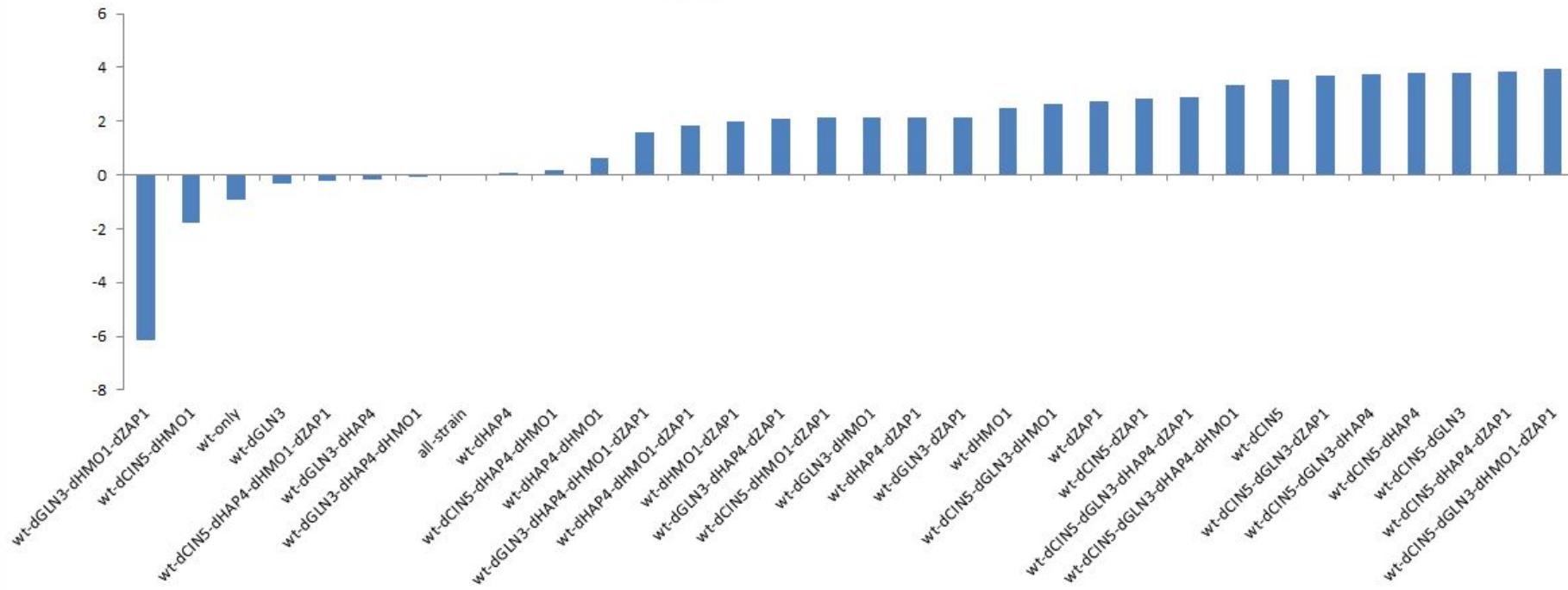
## MSN2 Log2 Threshold Ratio



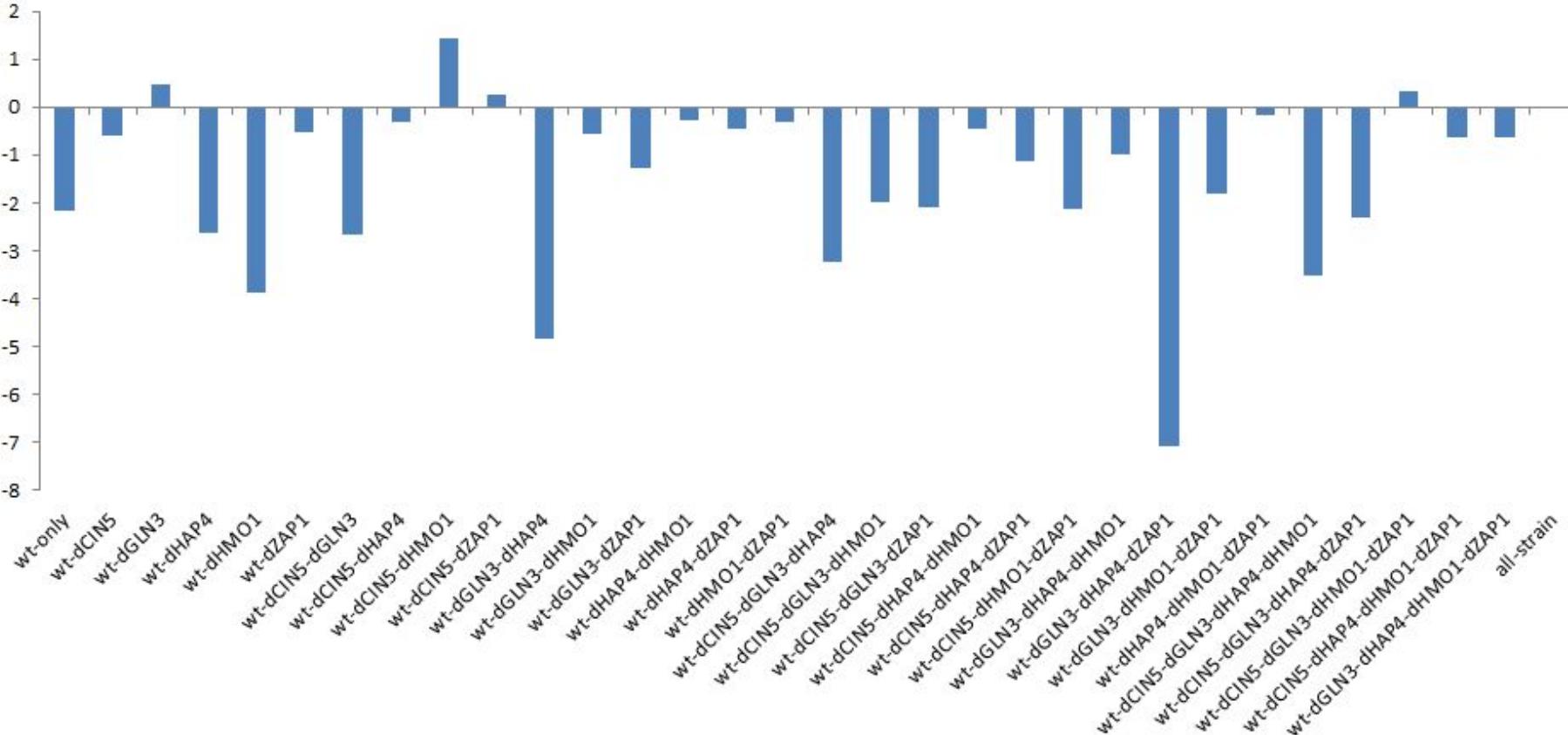
## SFP1 Log2 Threshold Ratio



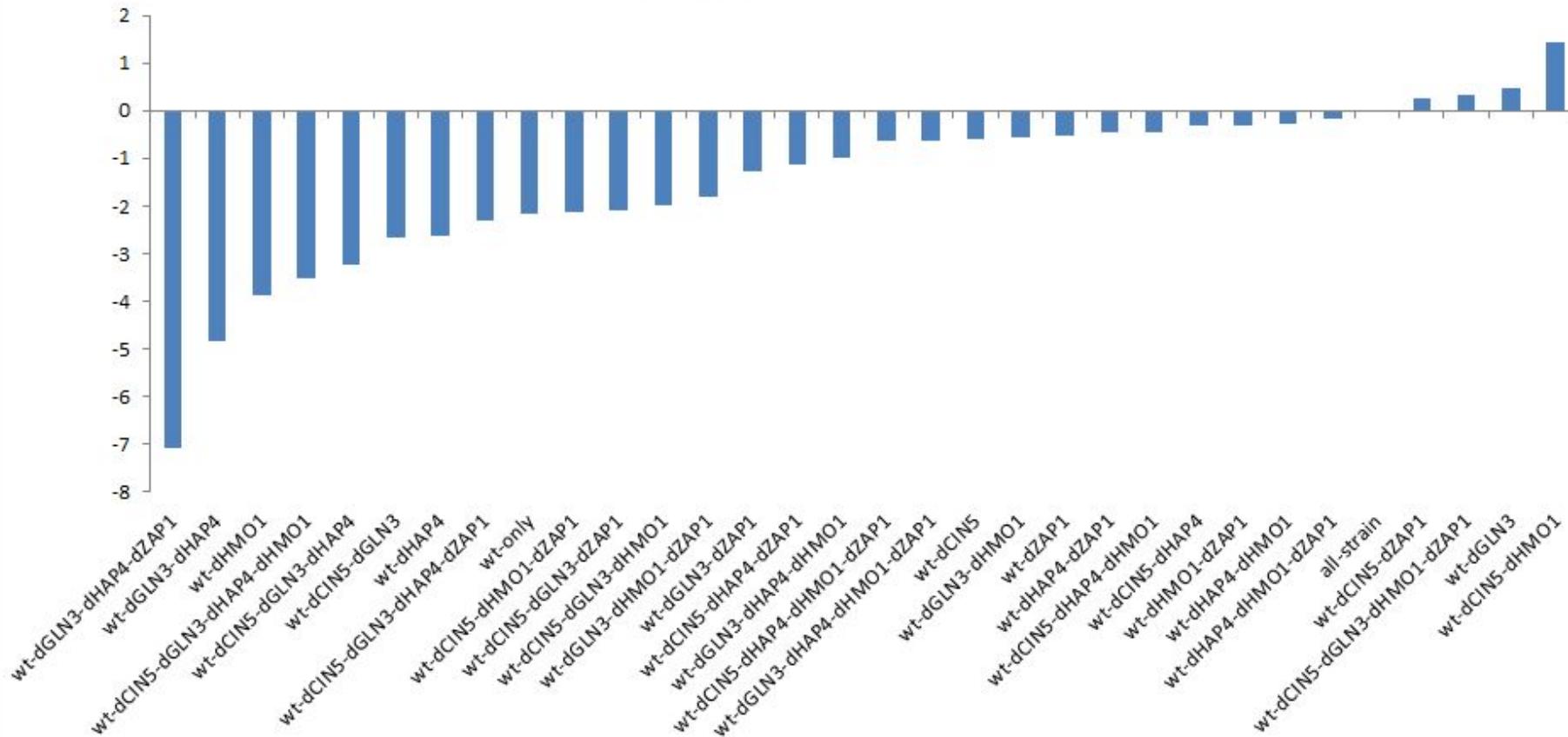
## SFP1 Log2 Threshold Ratio



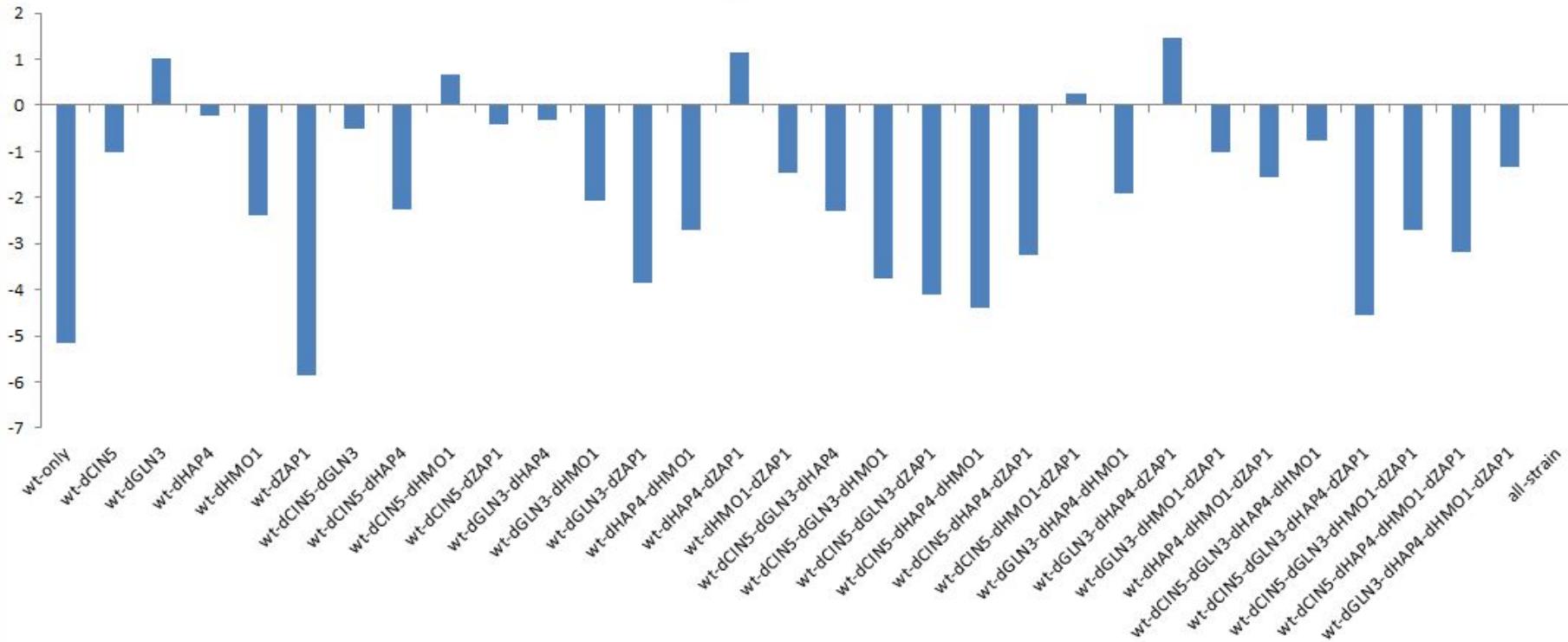
## STB5 Log2 Threshold Ratio



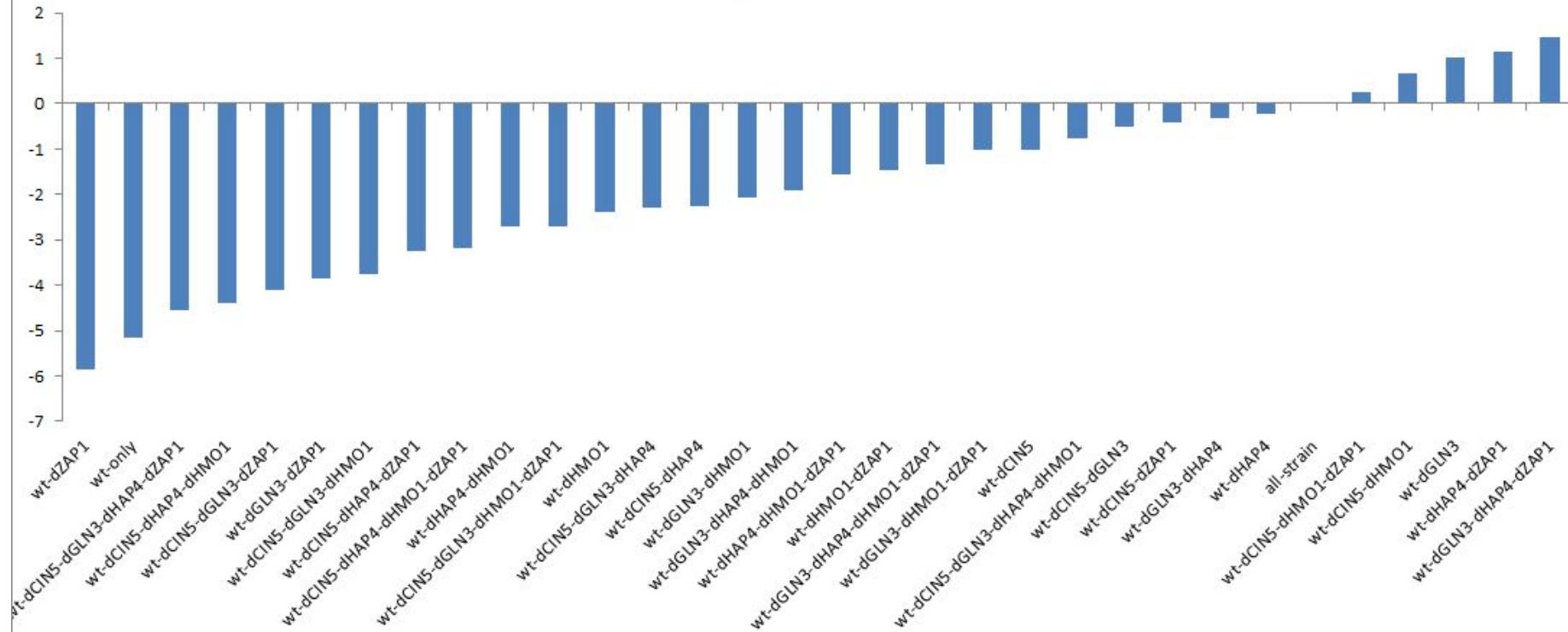
## STB5 Log2 Threshold Ratio



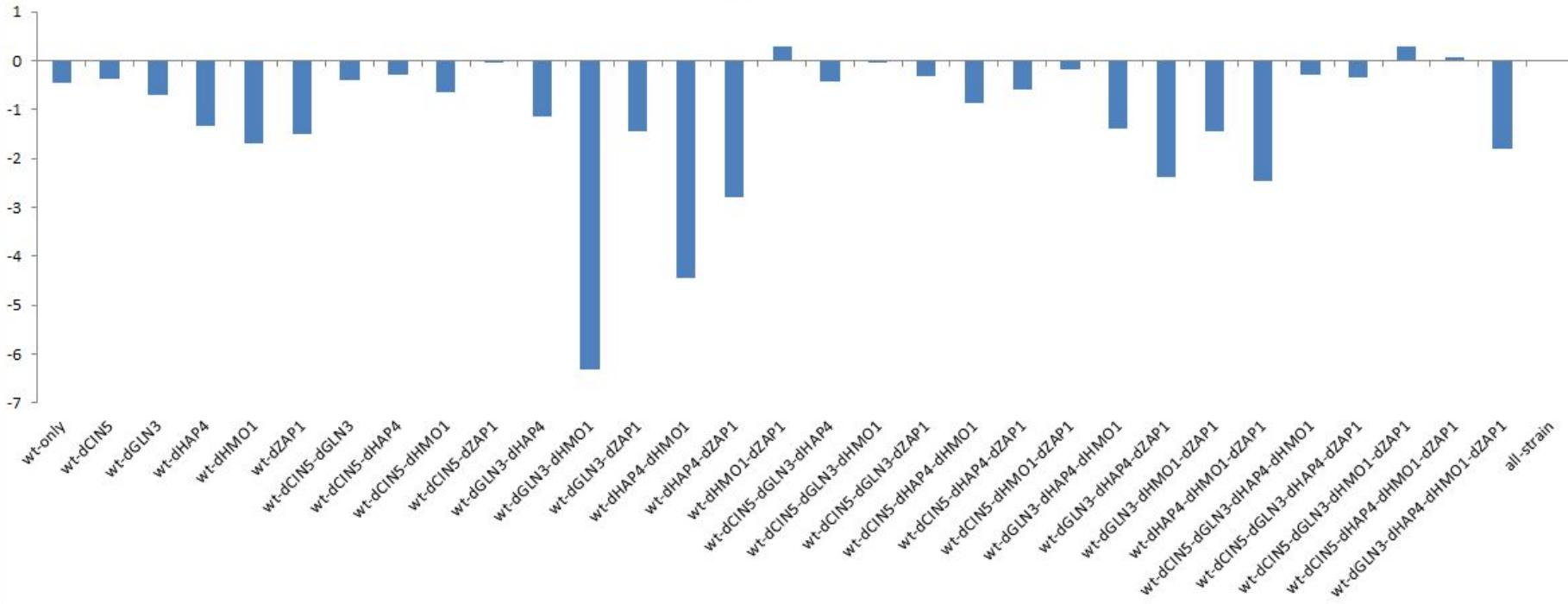
## SWI4 Log2 Threshold Ratio



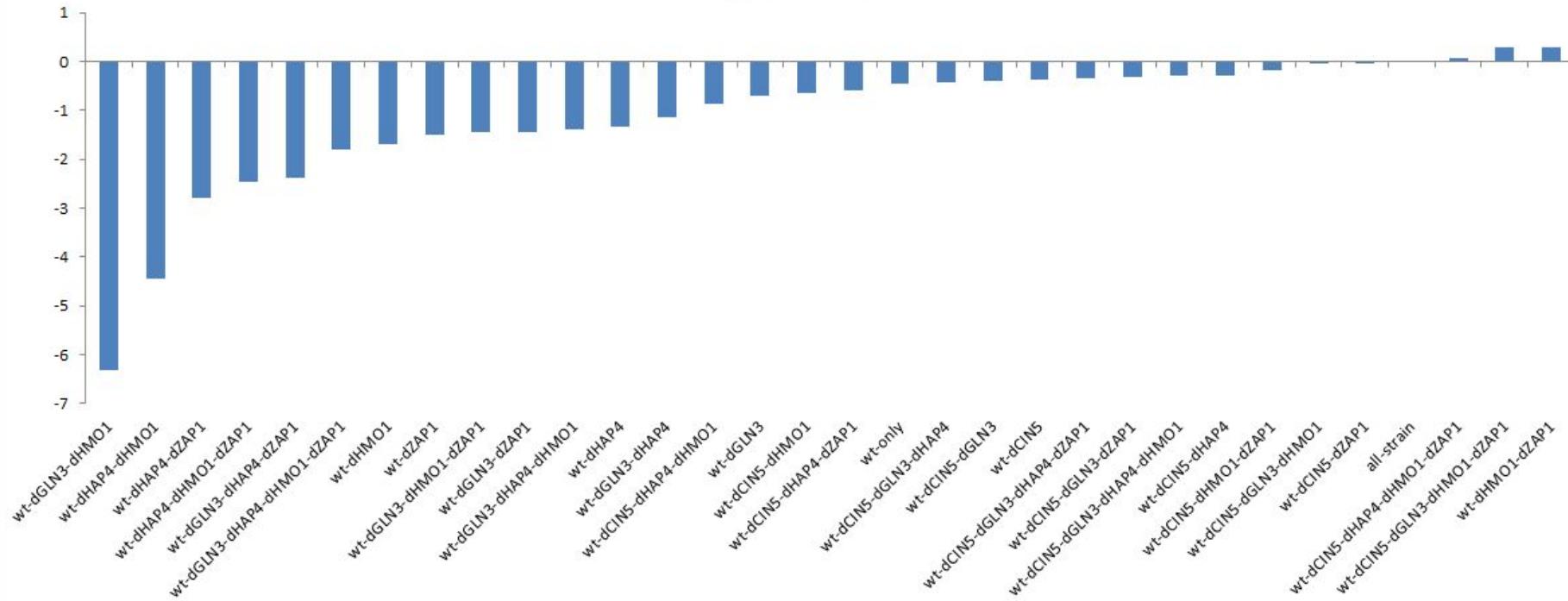
## SWI4 Log2 Threshold Ratio



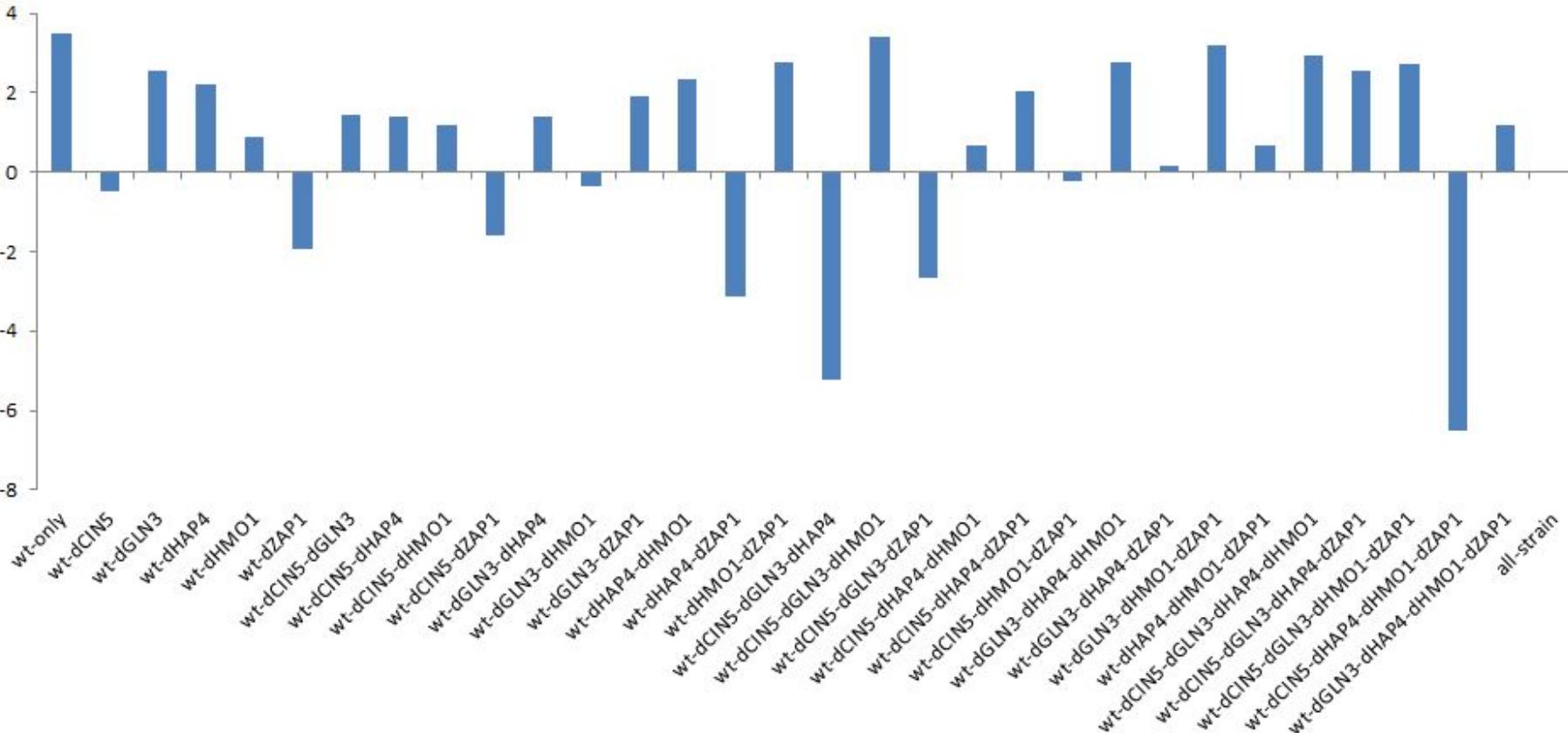
## SWI5 Log2 Threshold Ratio



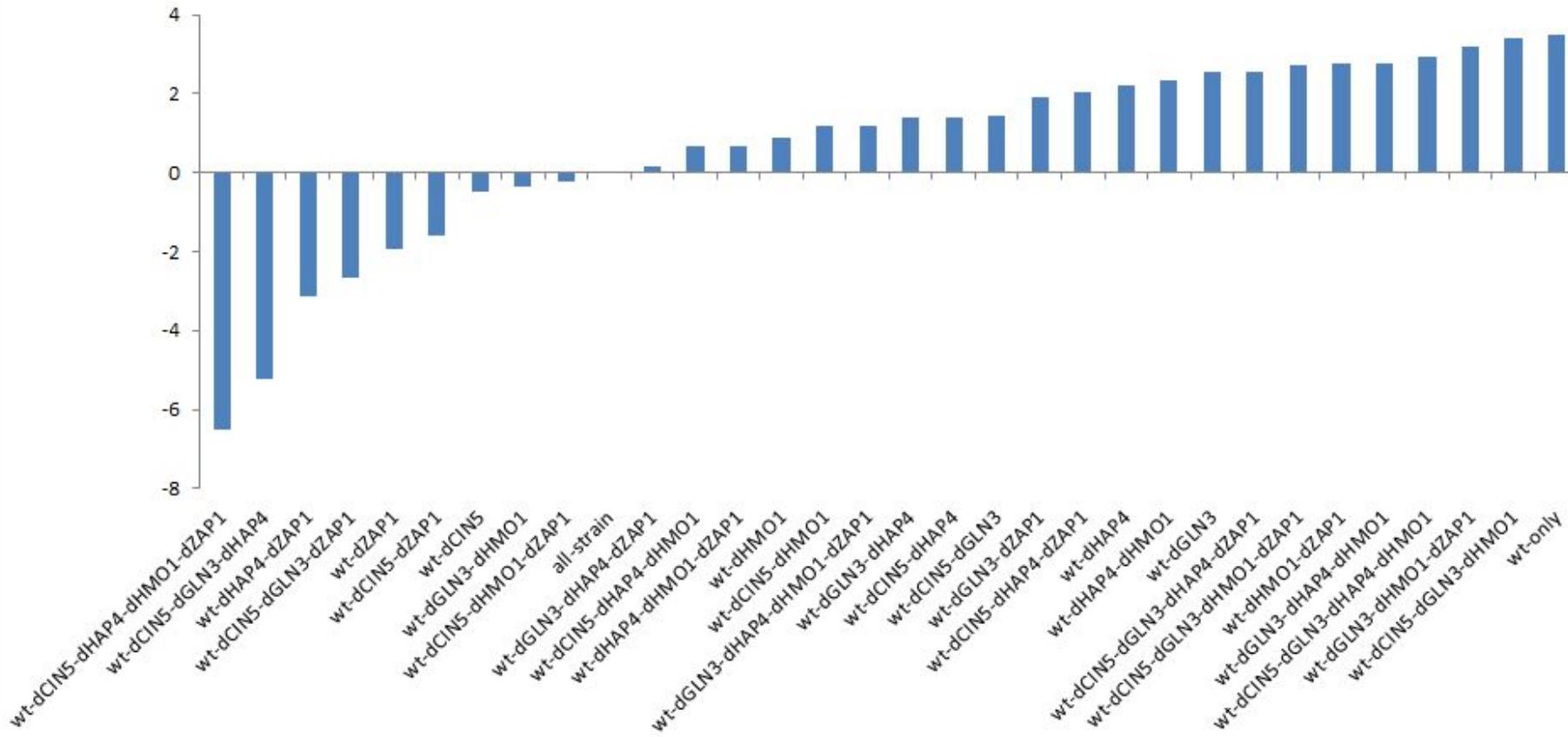
## SWI5 Log2 Threshold Ratio



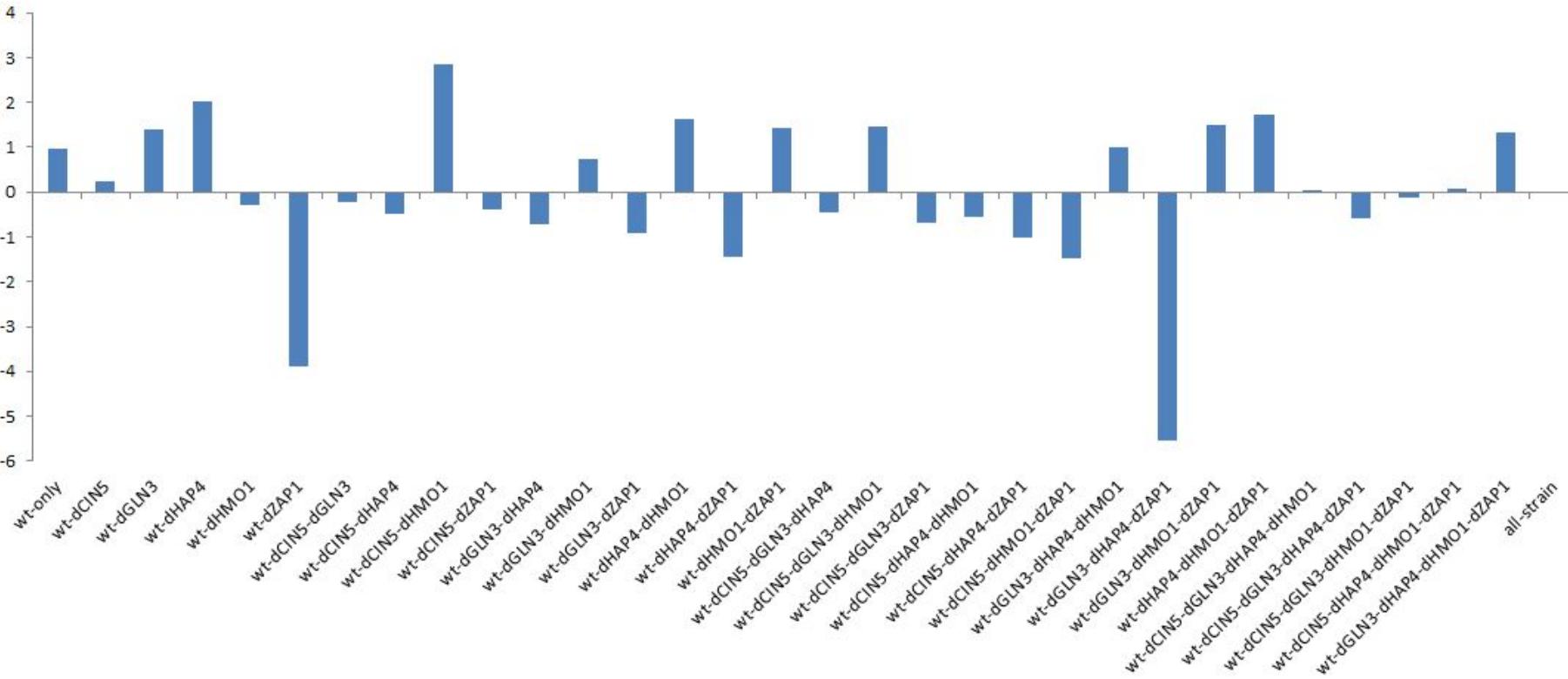
## YHP1 Log2 Threshold Ratio



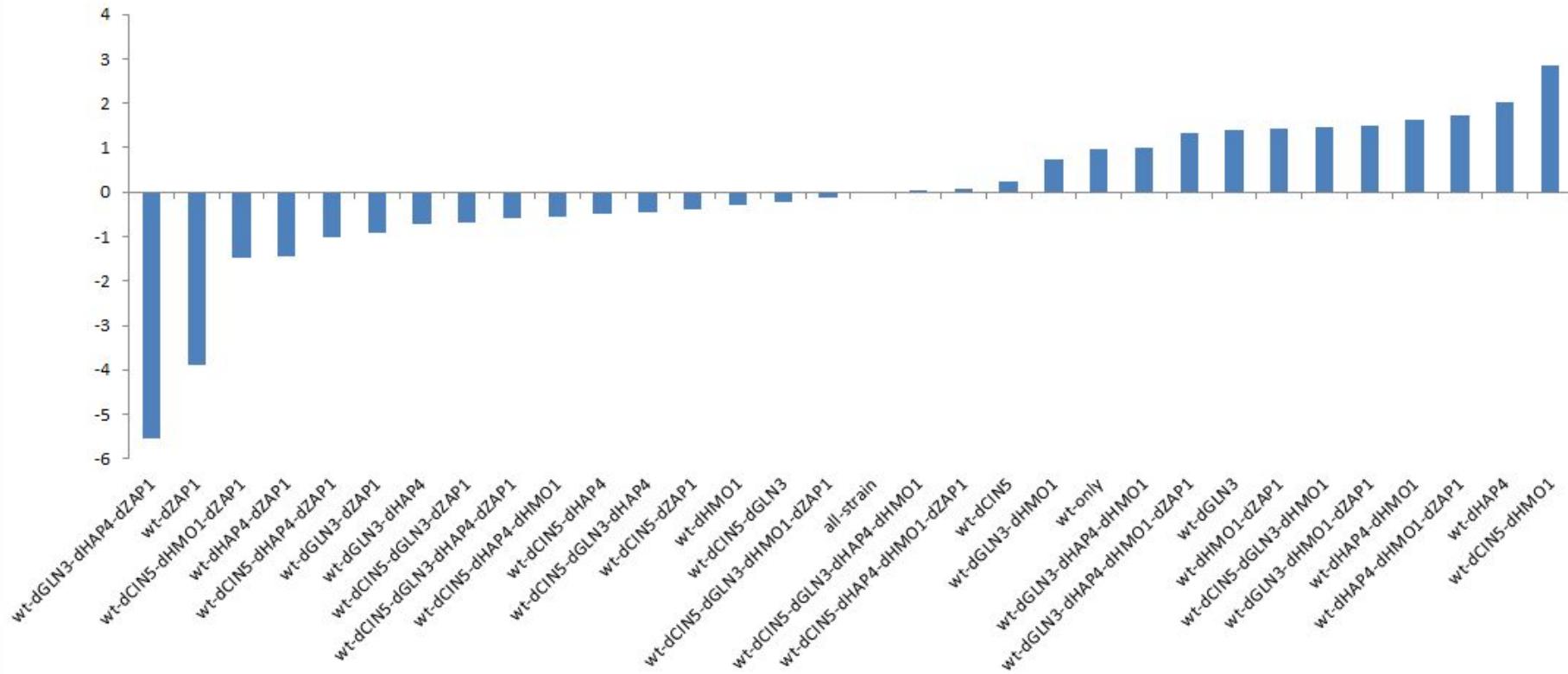
## YHP1 Log2 Threshold Ratio



## YOX1 Log2 Threshold Ratio

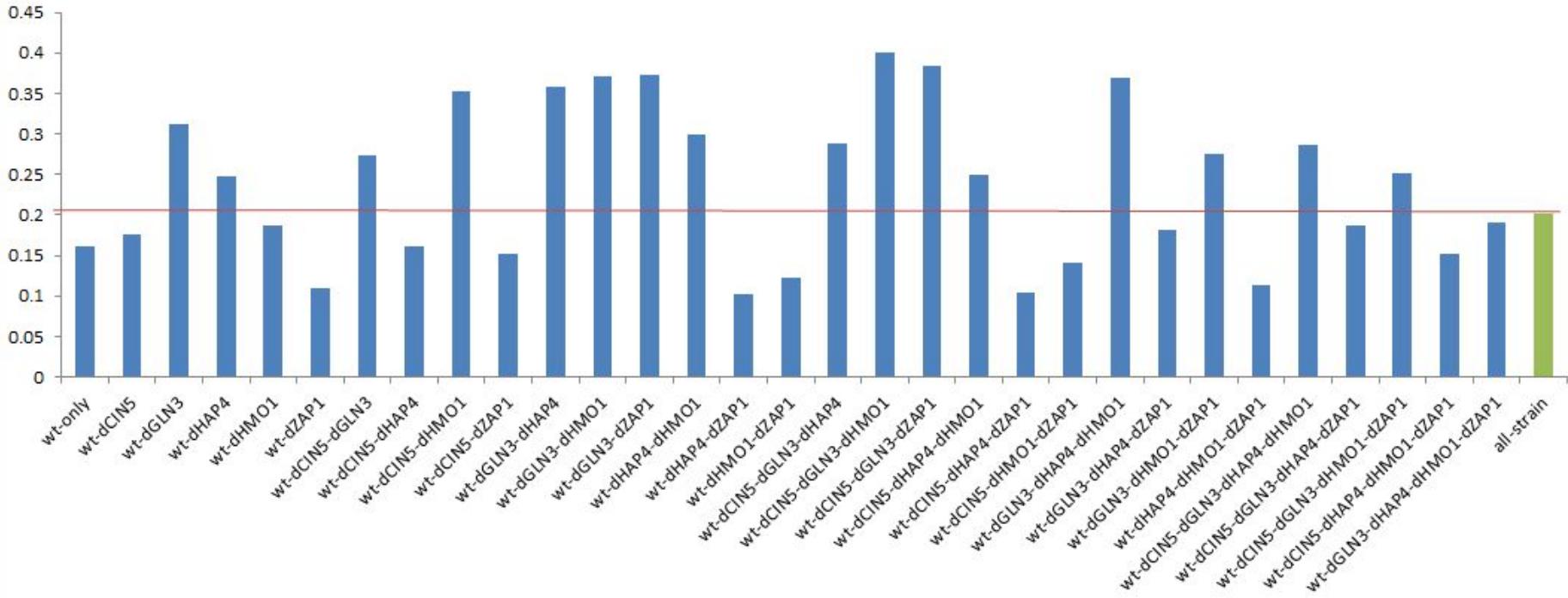


## YOX1 Log2 Threshold Ratio

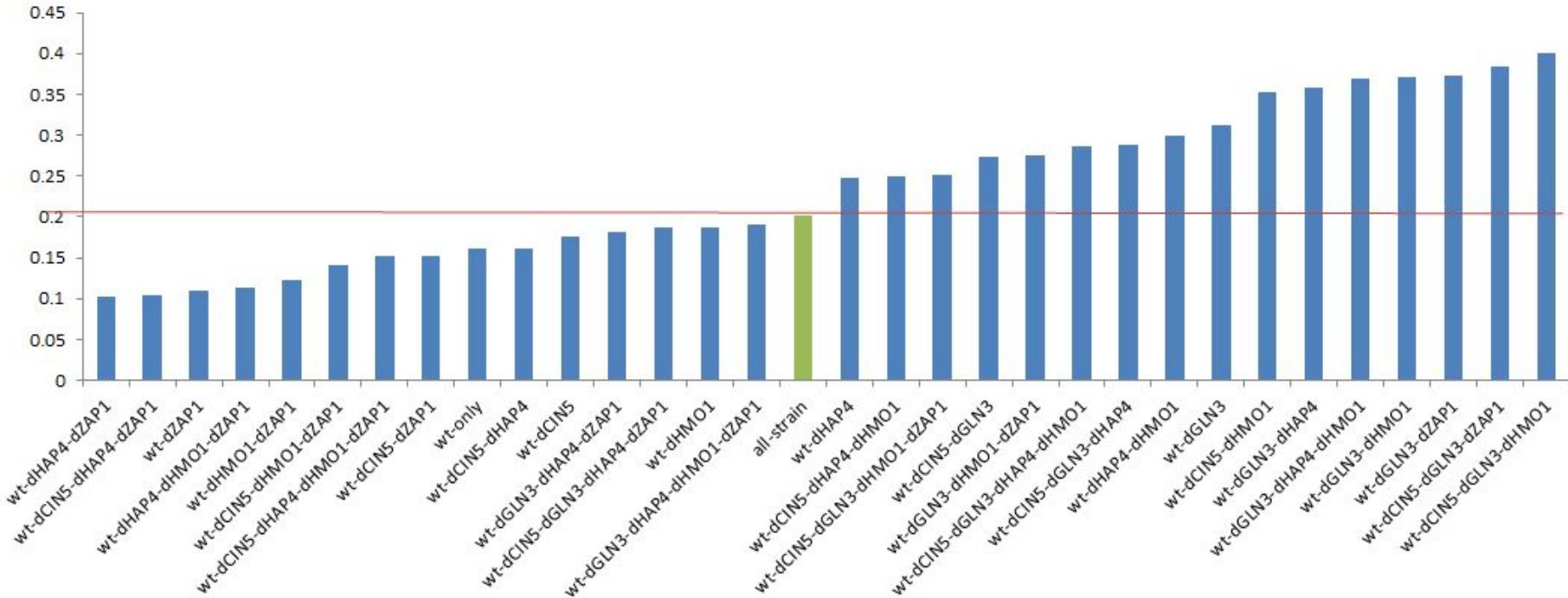


# Production Rates

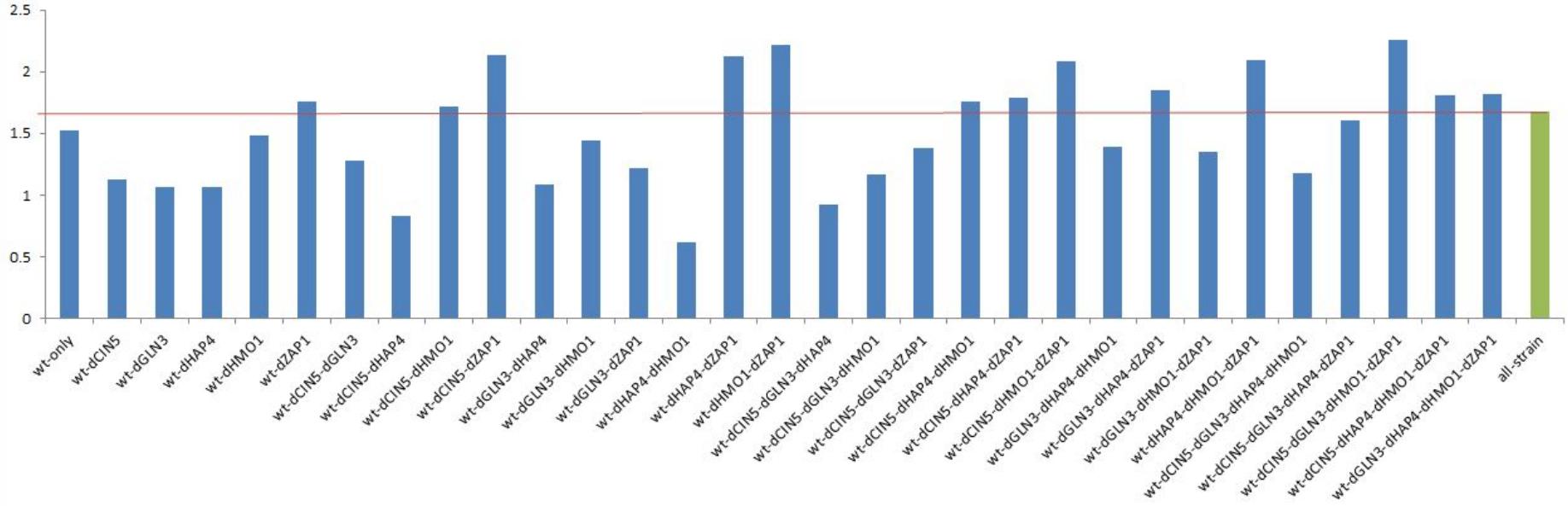
## ACE2 Production Rate



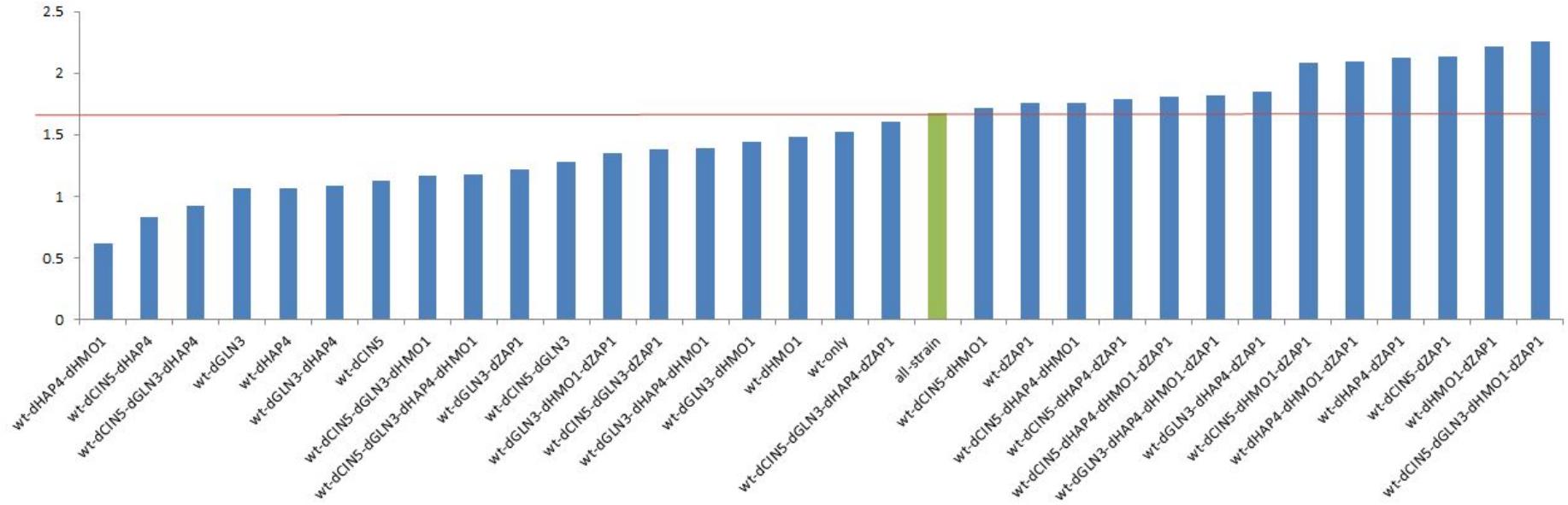
## ACE2 Production Rate



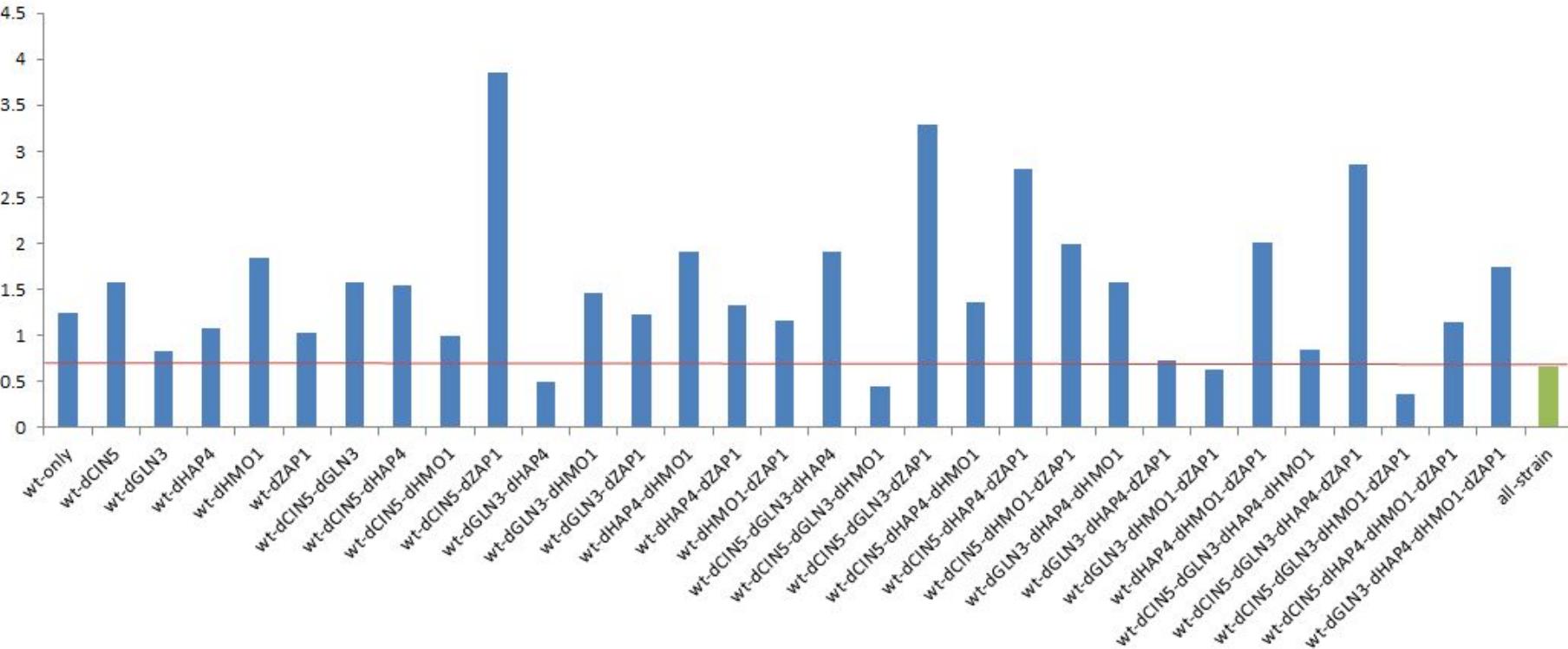
## ASH1 Production Rate



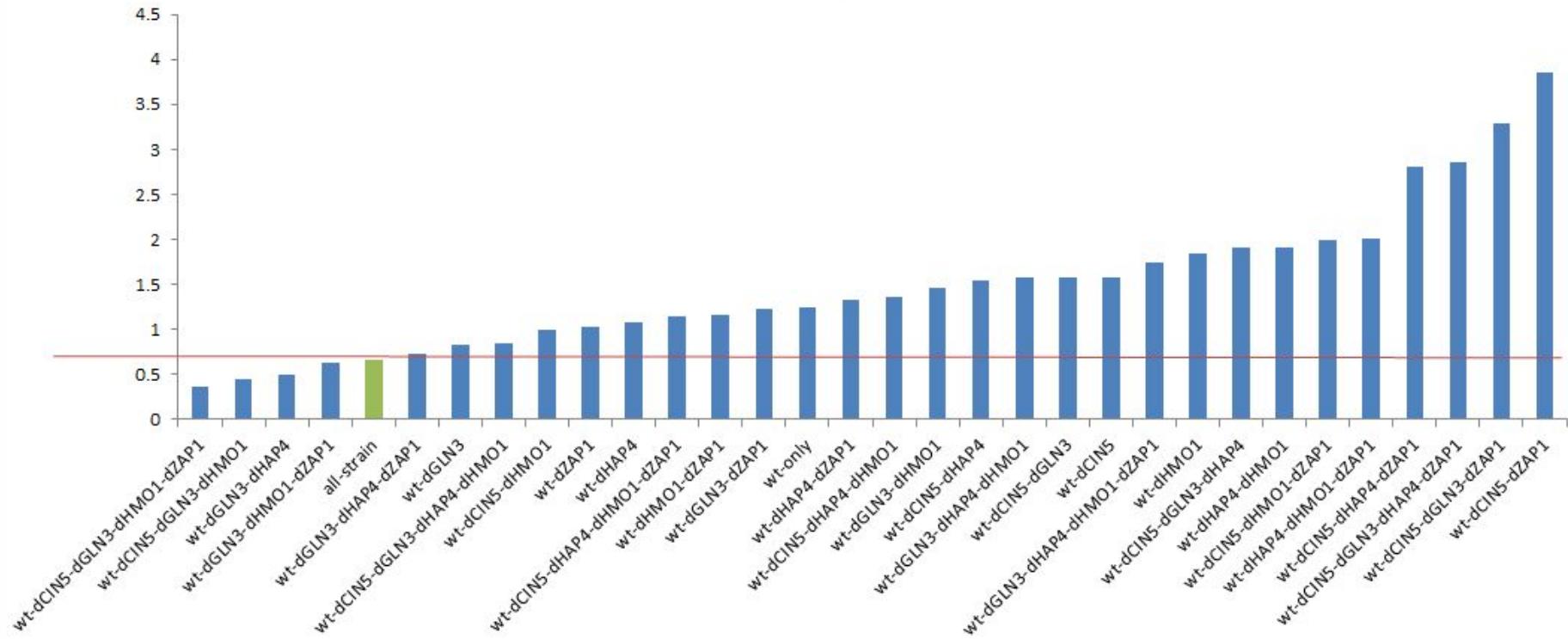
## ASH1 Production Rate



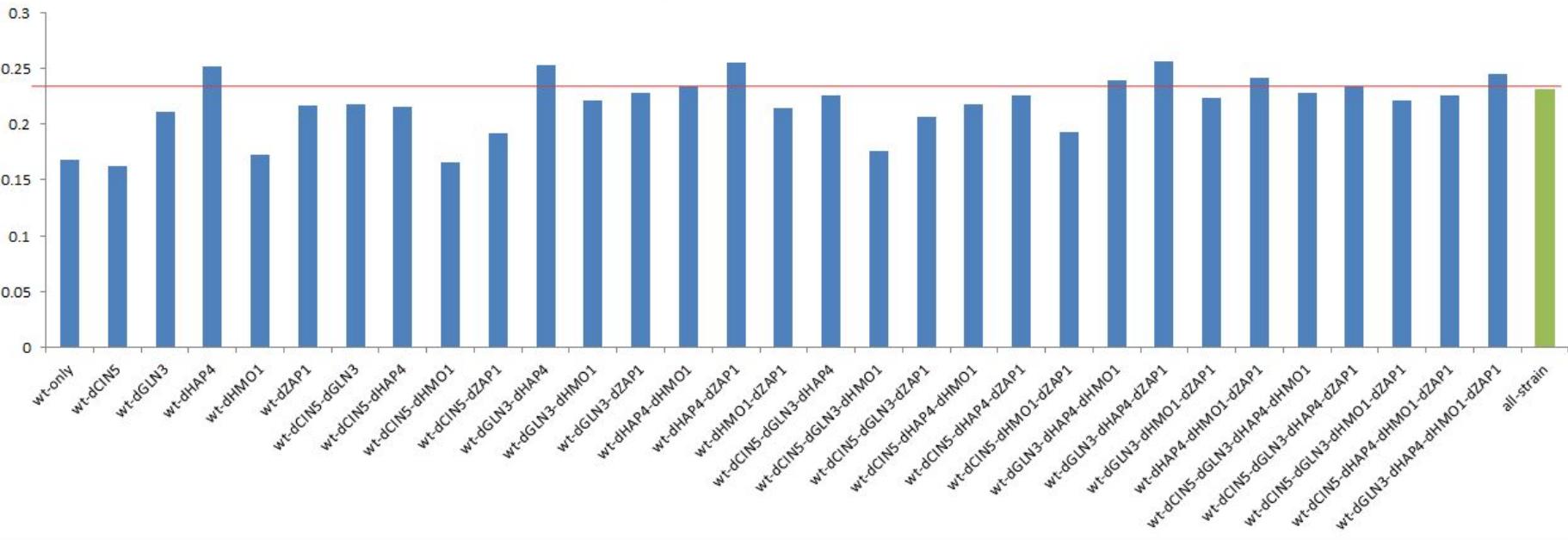
## CIN5 Production Rate



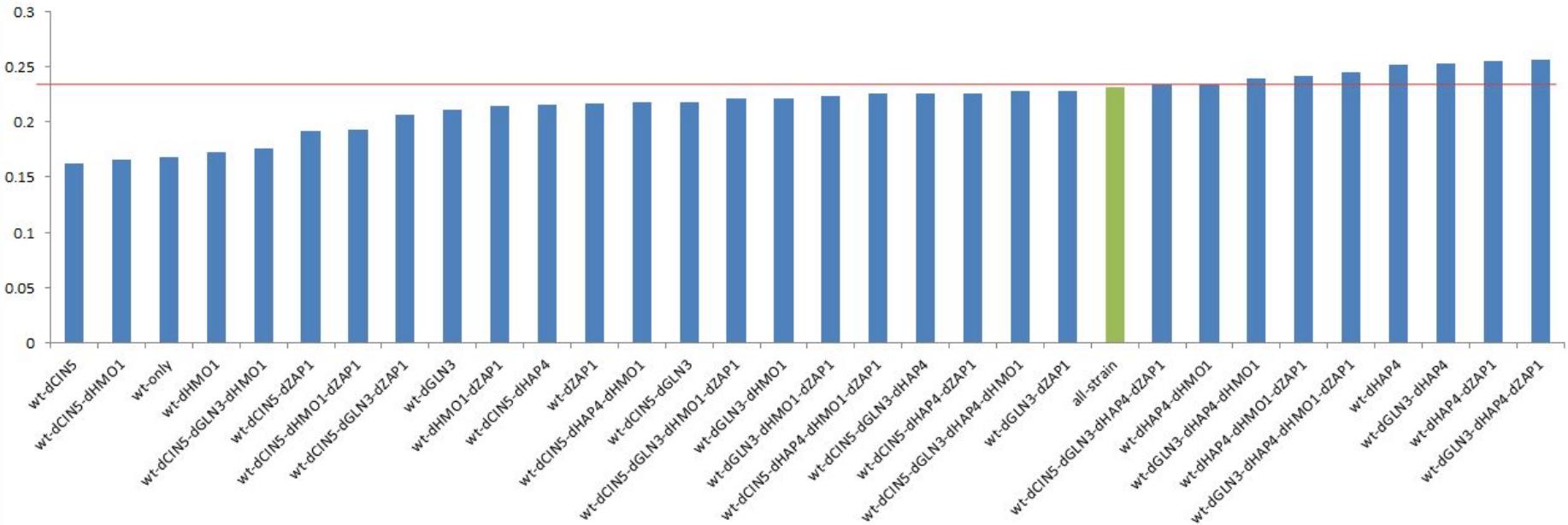
## CIN5 Production Rate



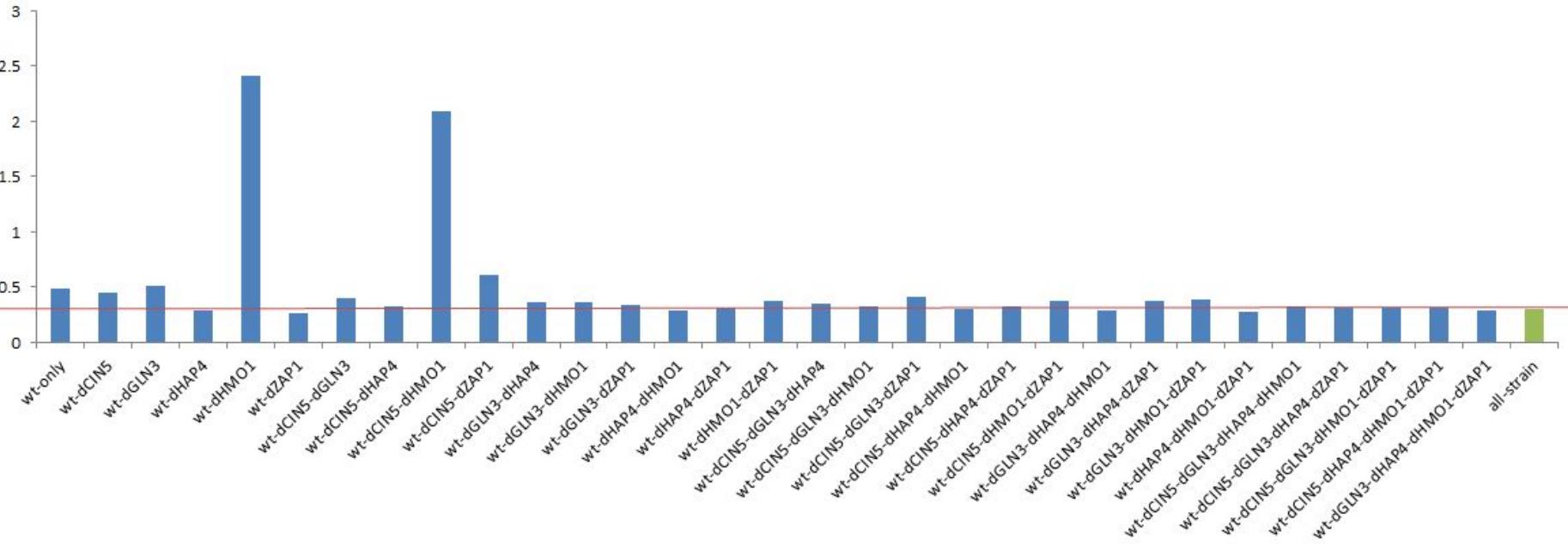
## GCR2 Production Rate



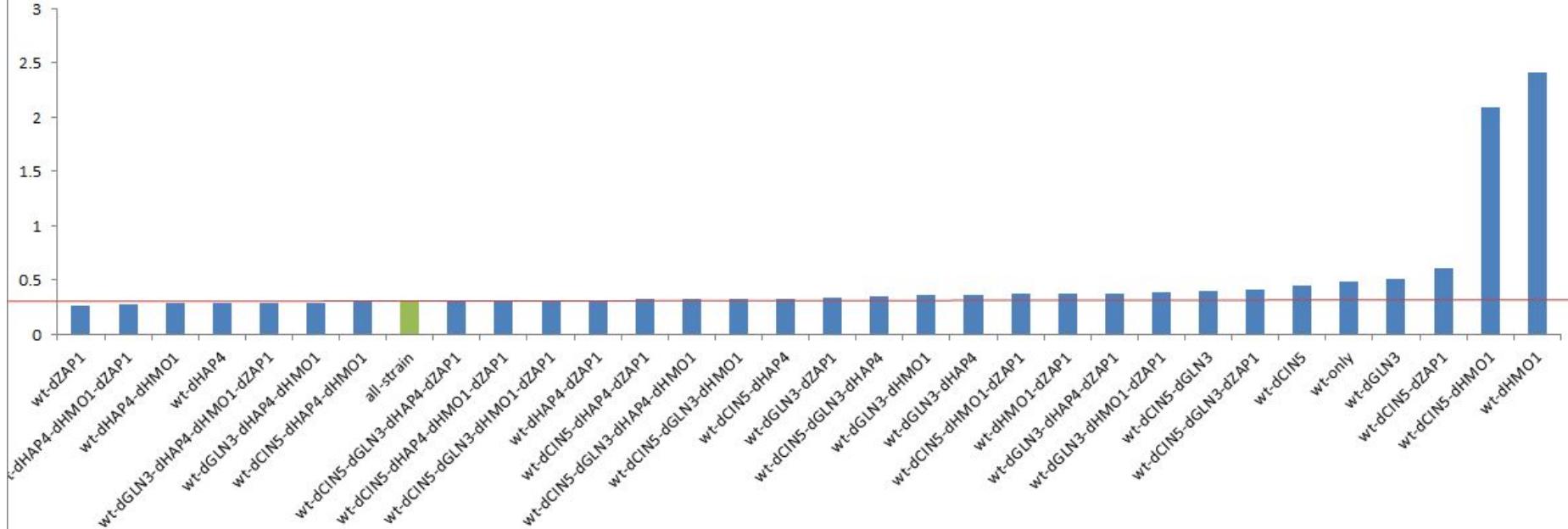
## GCR2 Production Rate



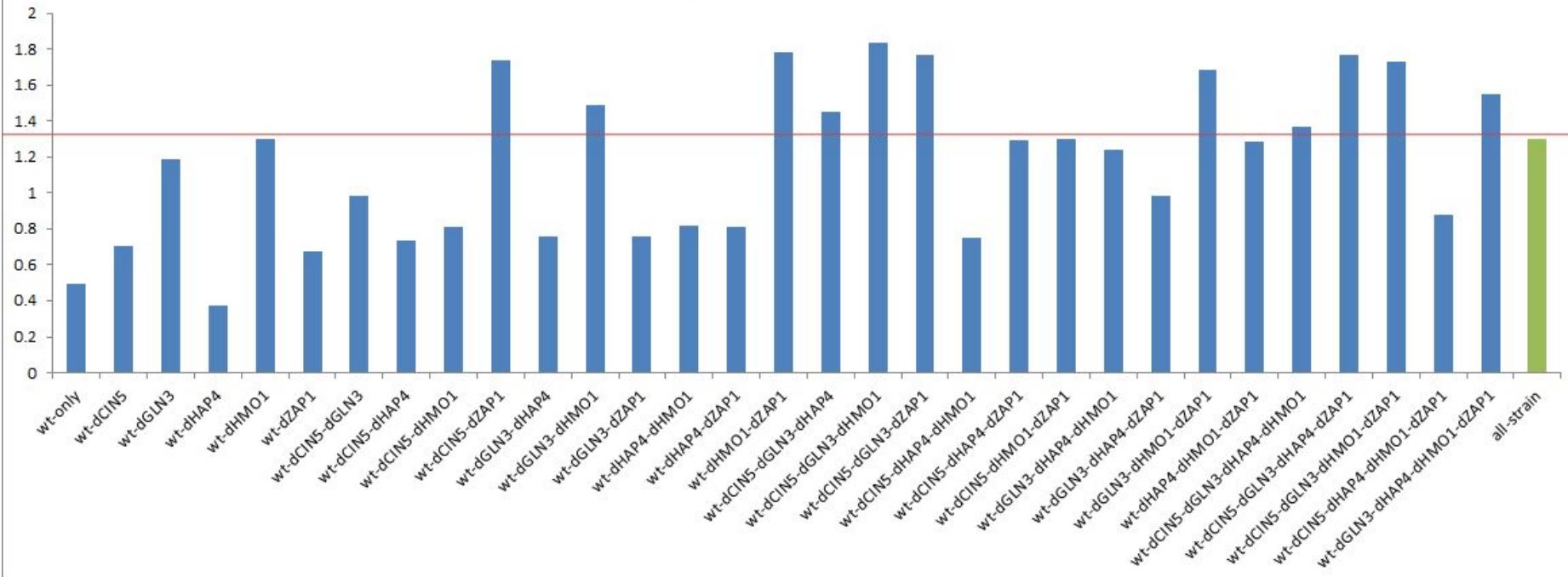
## GLN3 Production Rate



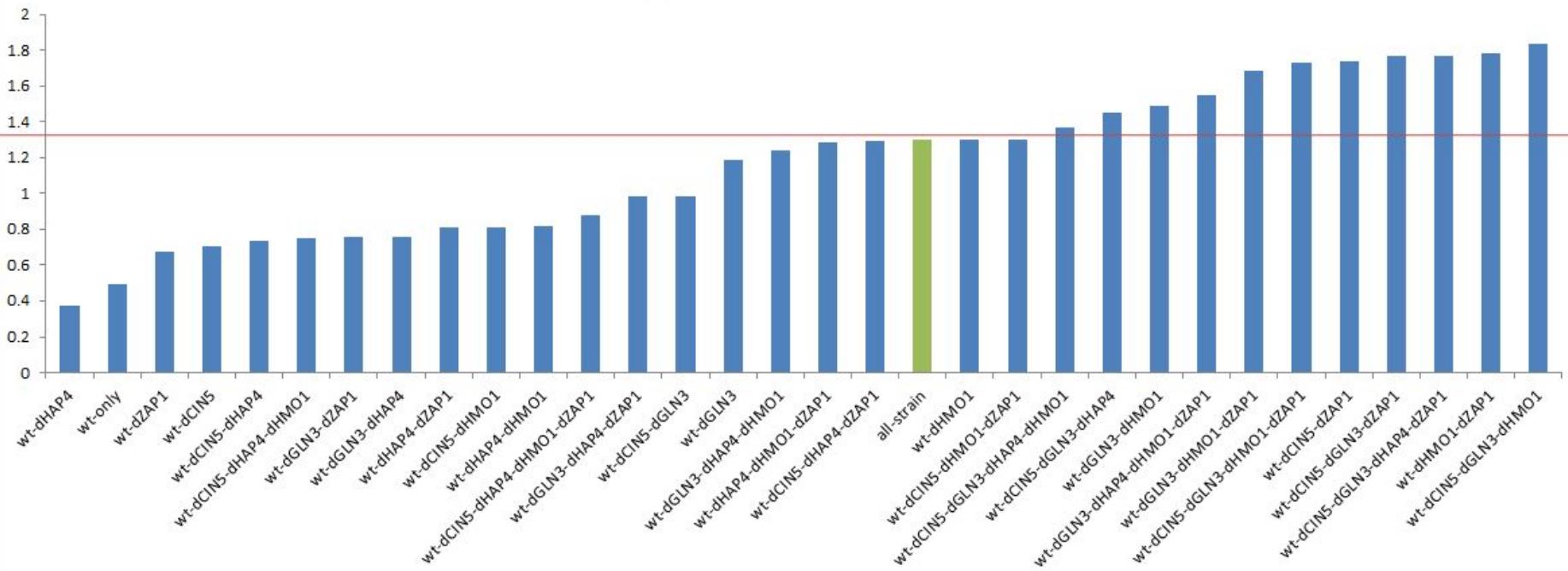
## GLN3 Production Rate



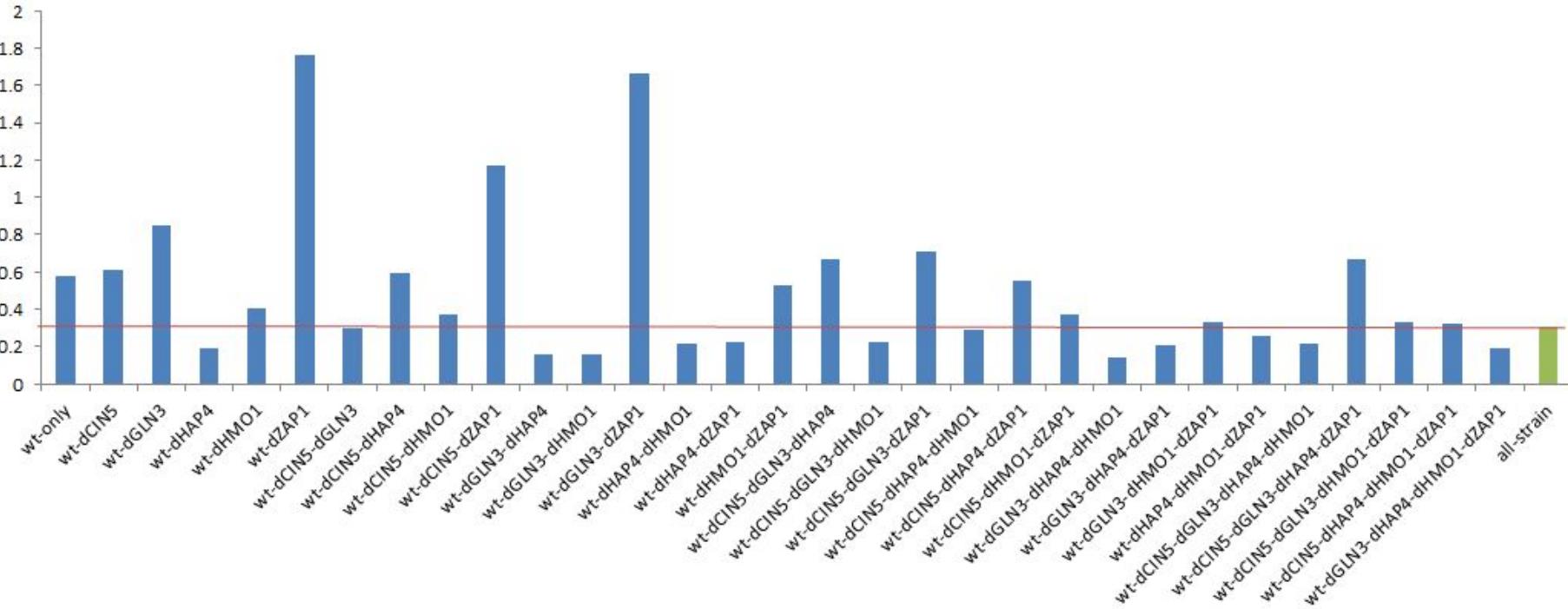
## HAP4 Production Rate



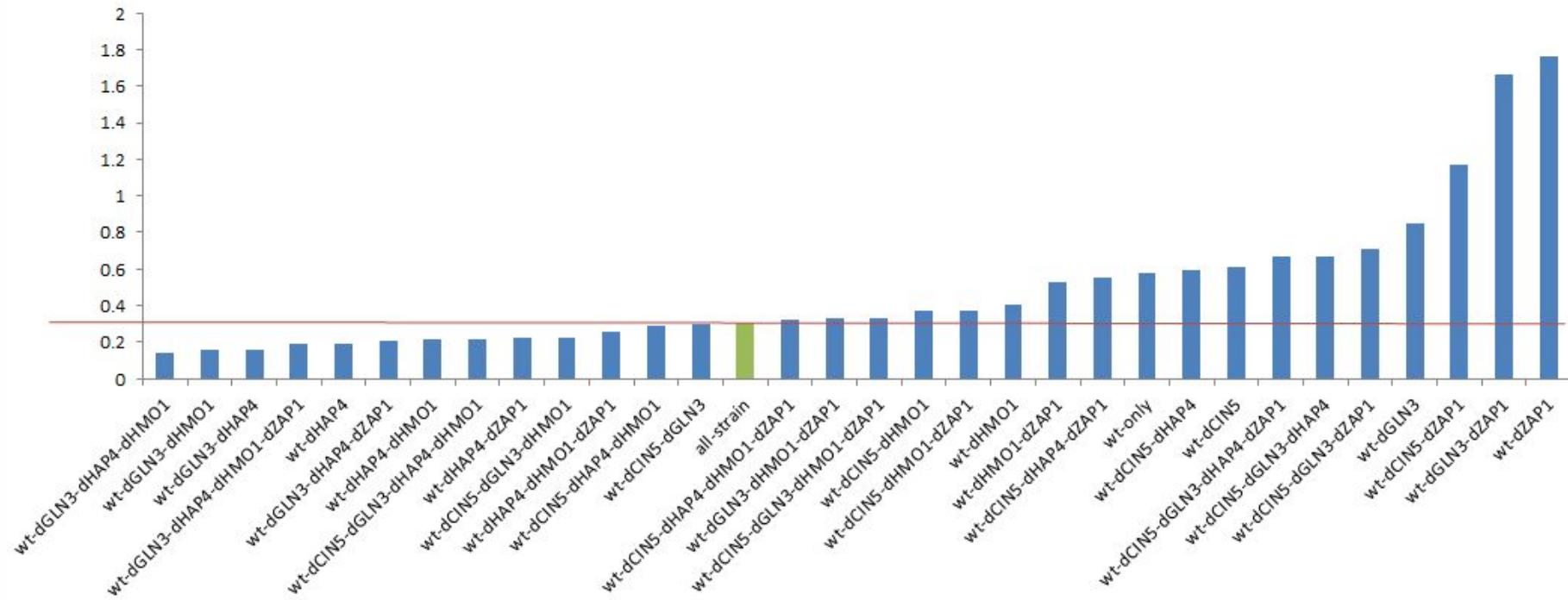
## HAP4 Production Rate



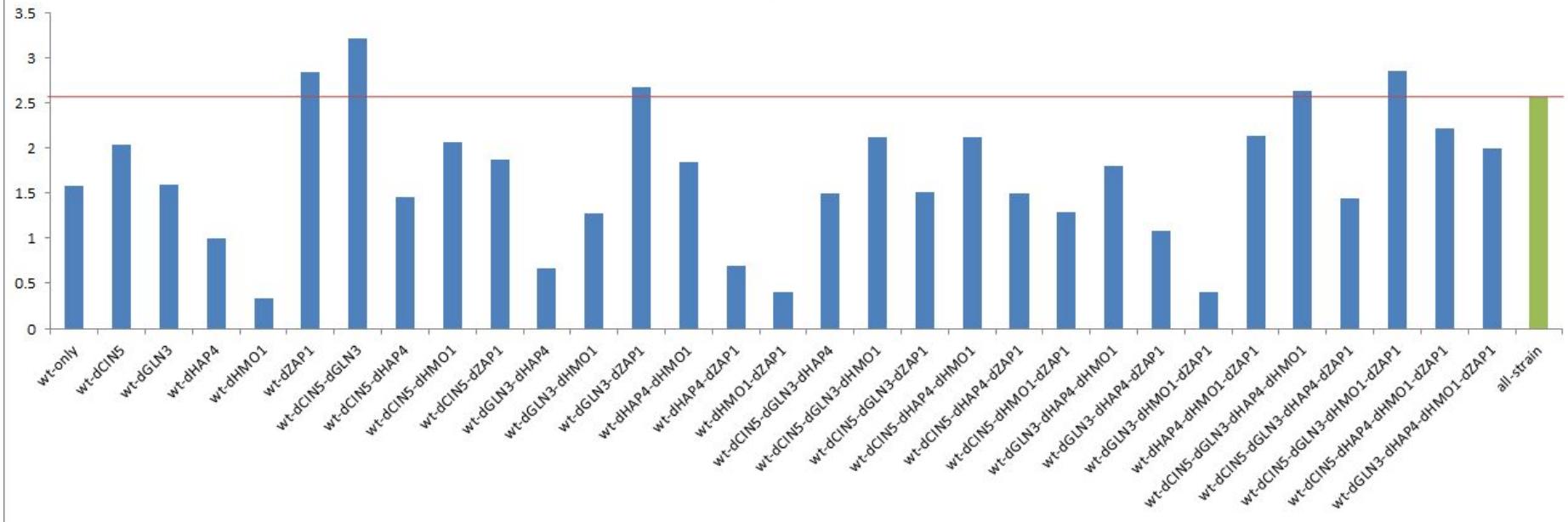
## HMO1 Production Rate



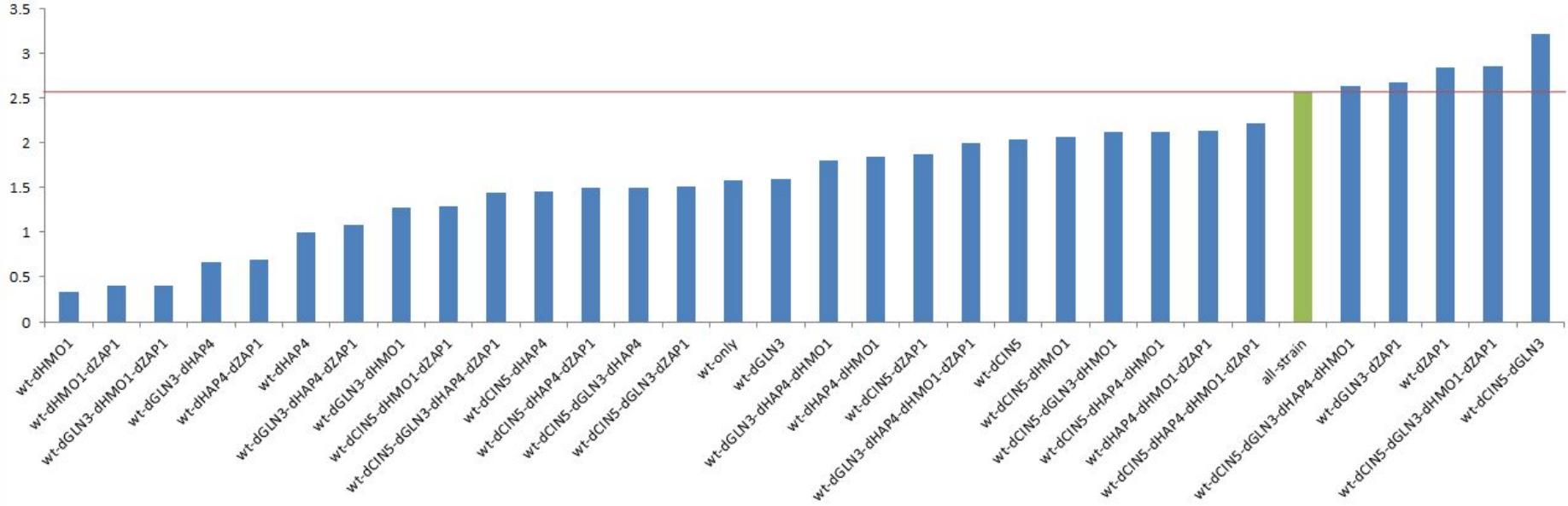
## HMO1 Production Rate



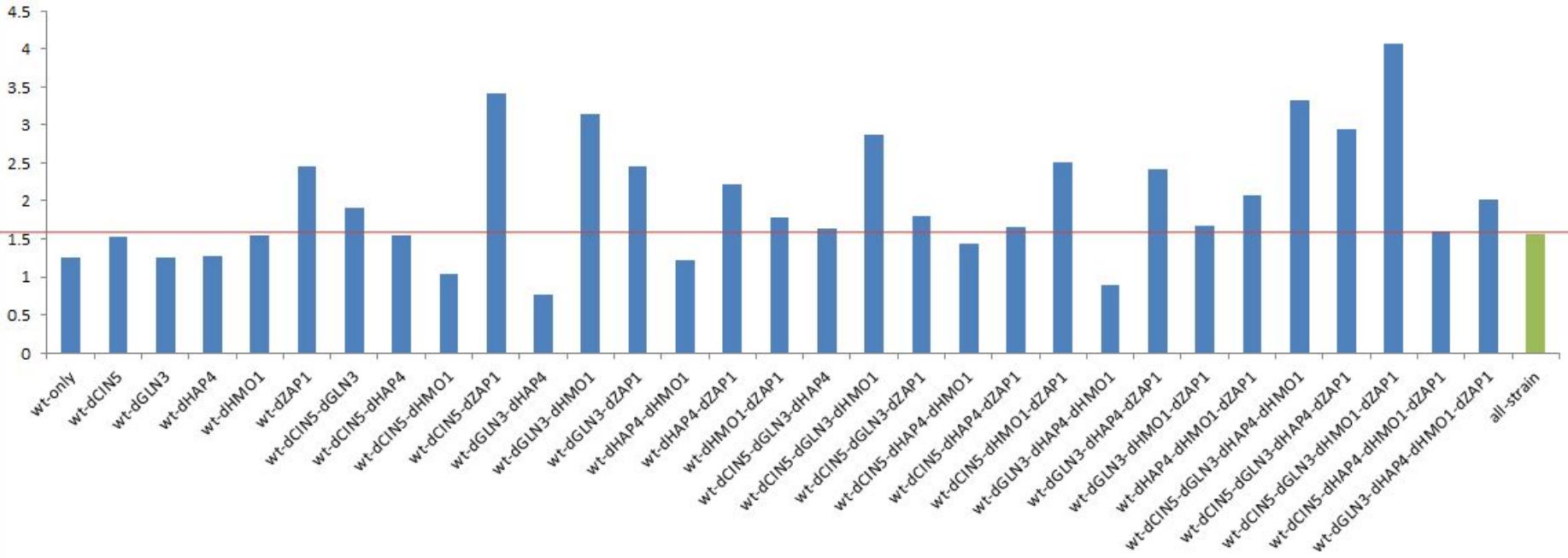
## MSN2 Production Rate



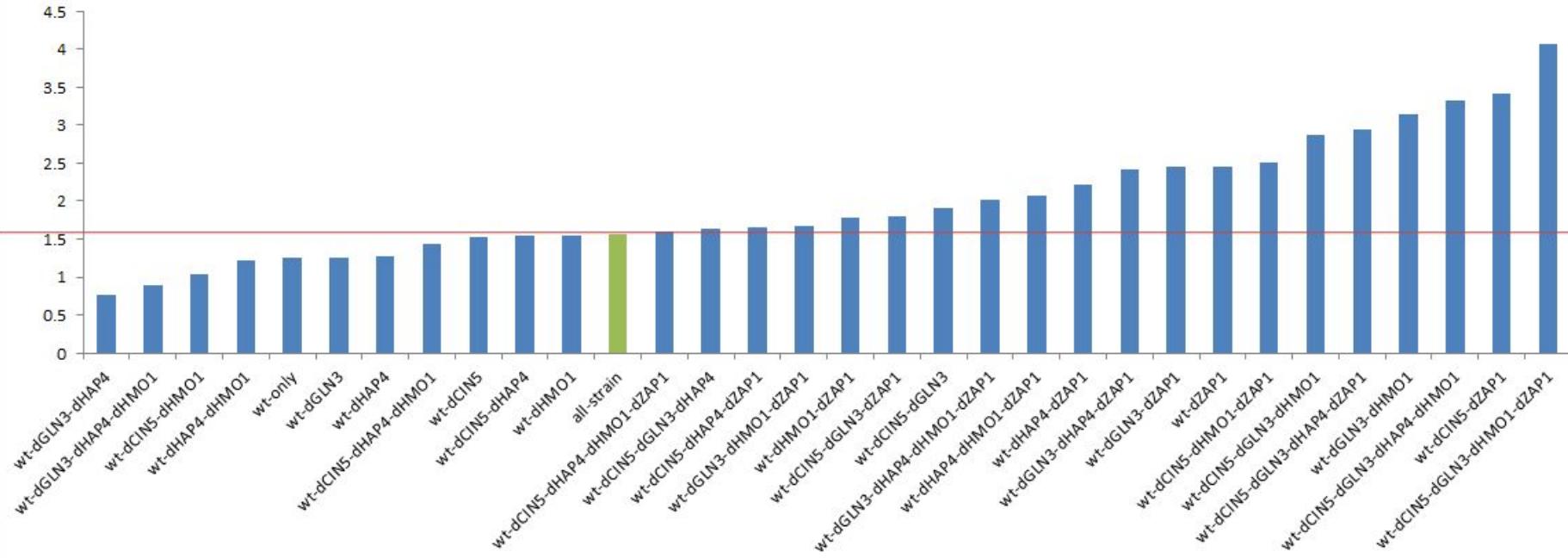
## MSN2 Production Rate



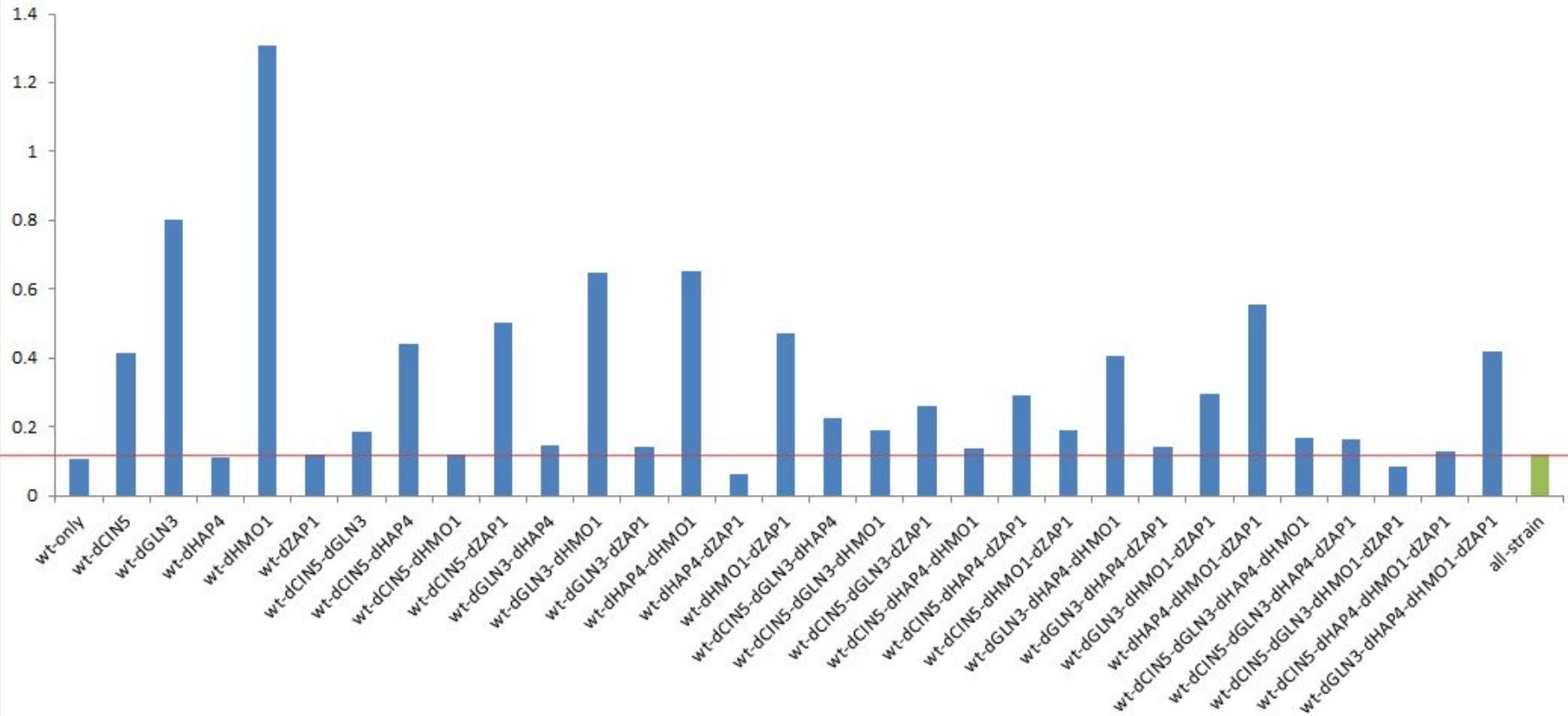
## SFP1 Production Rate



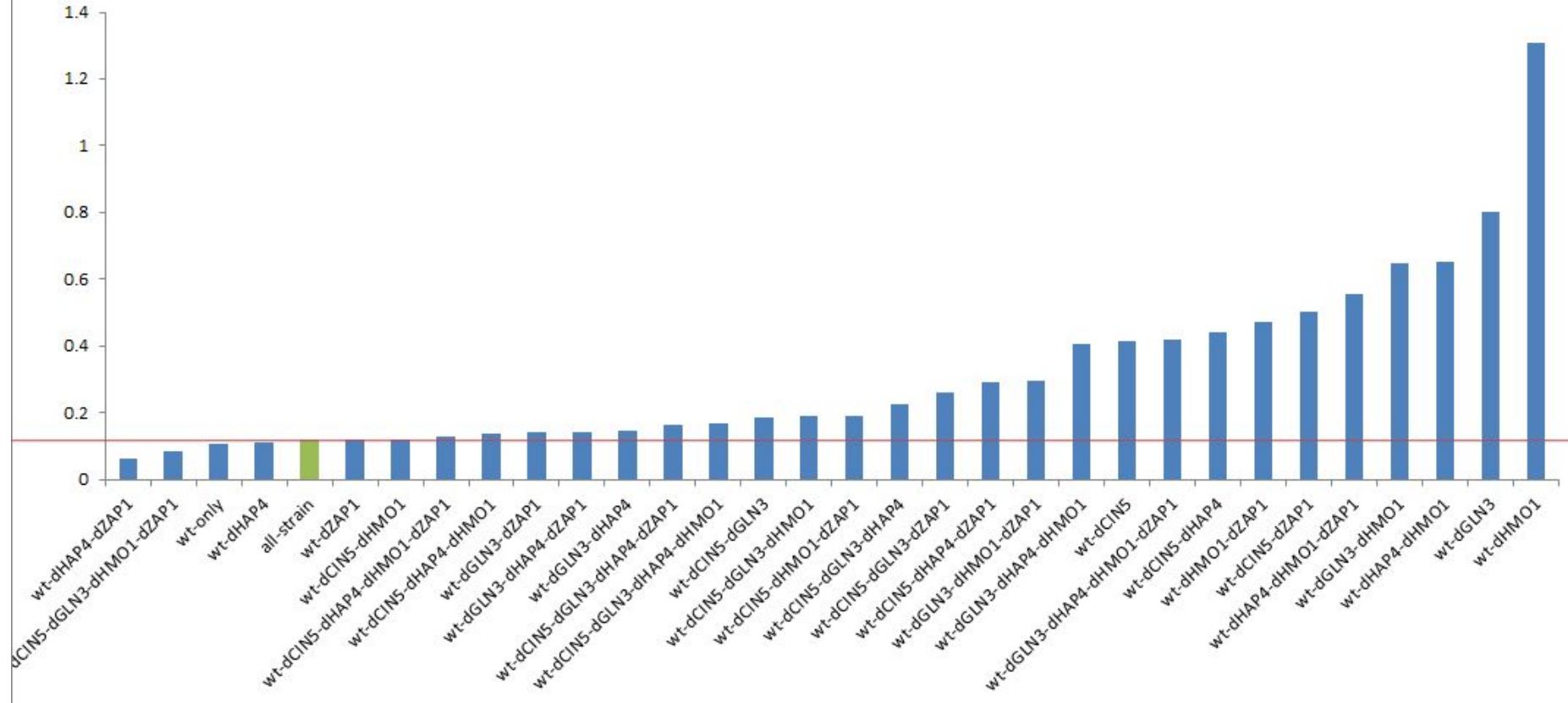
## SFP1 Production Rate



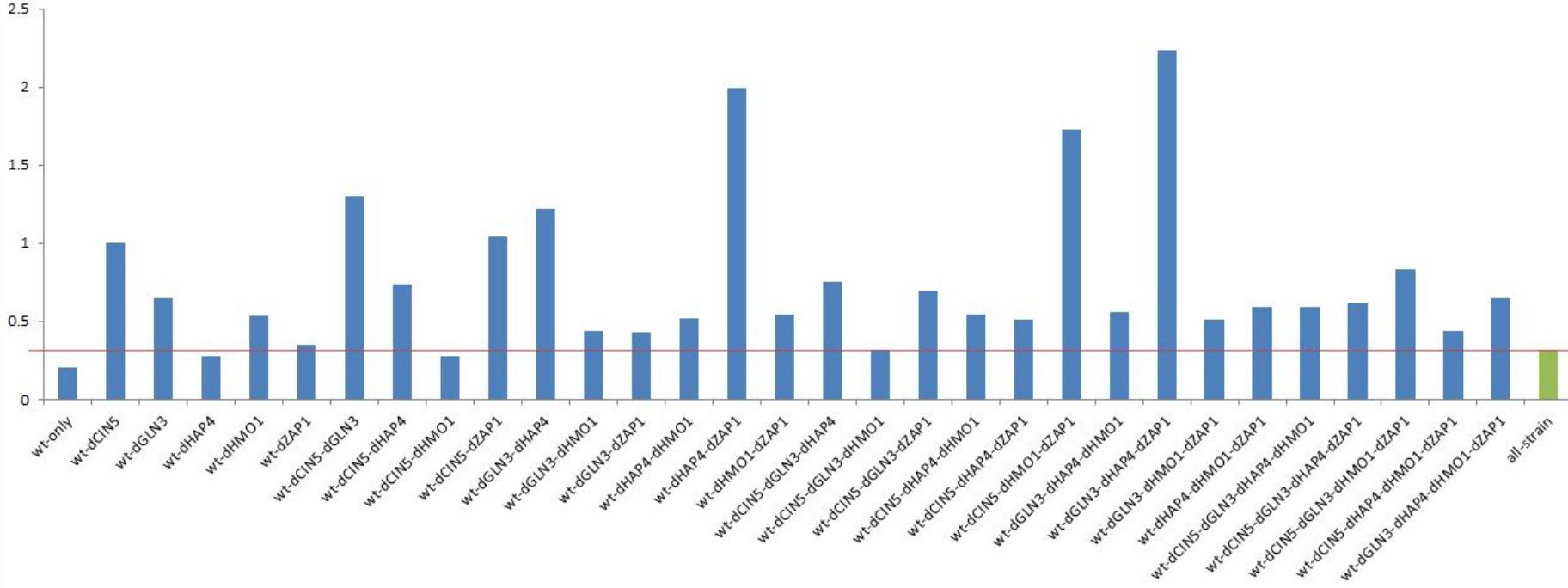
## STB5 Production Rate



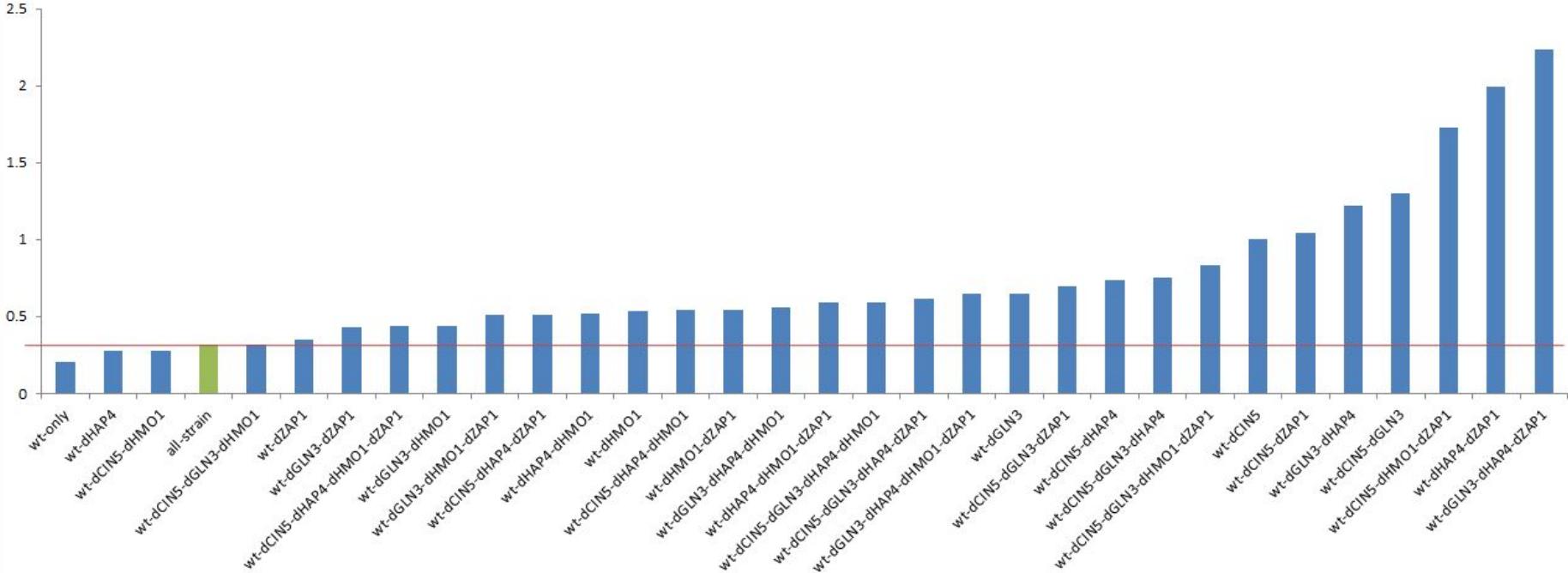
## STB5 Production Rate



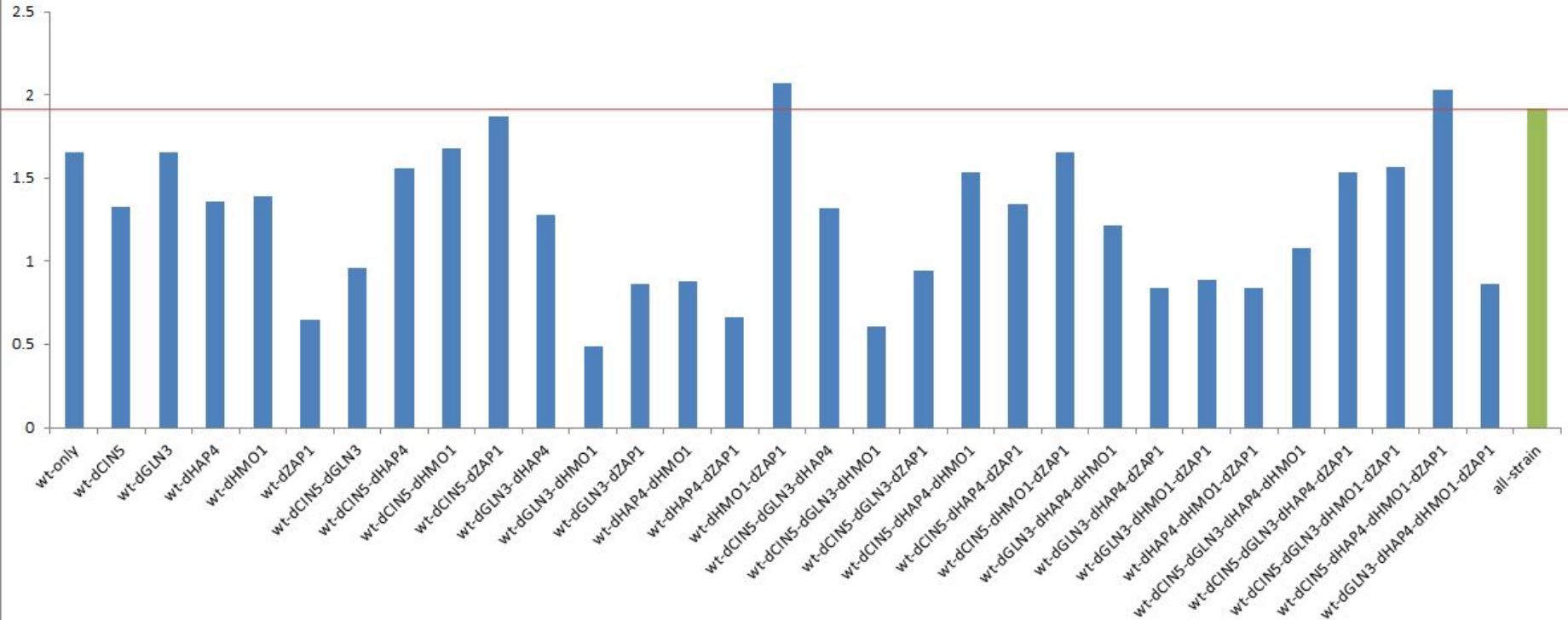
## SWI4 Production Rate



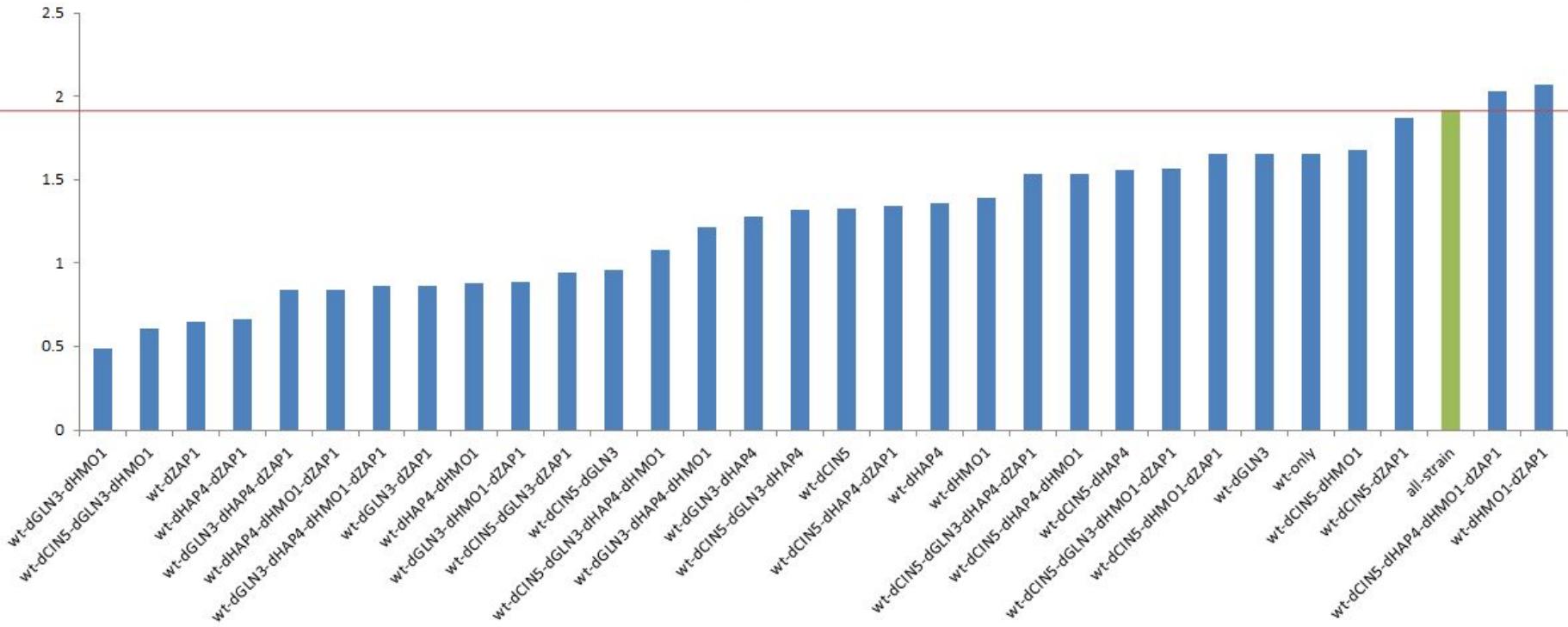
## SWI4 Production Rate



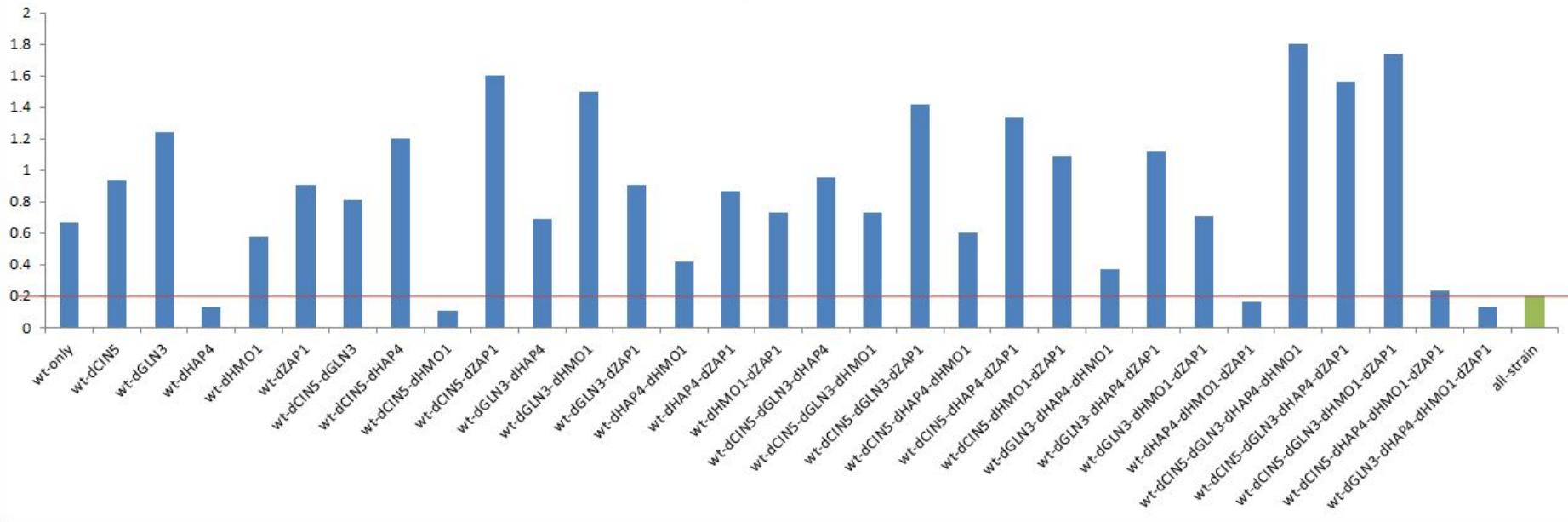
## SWI5 Production Rate



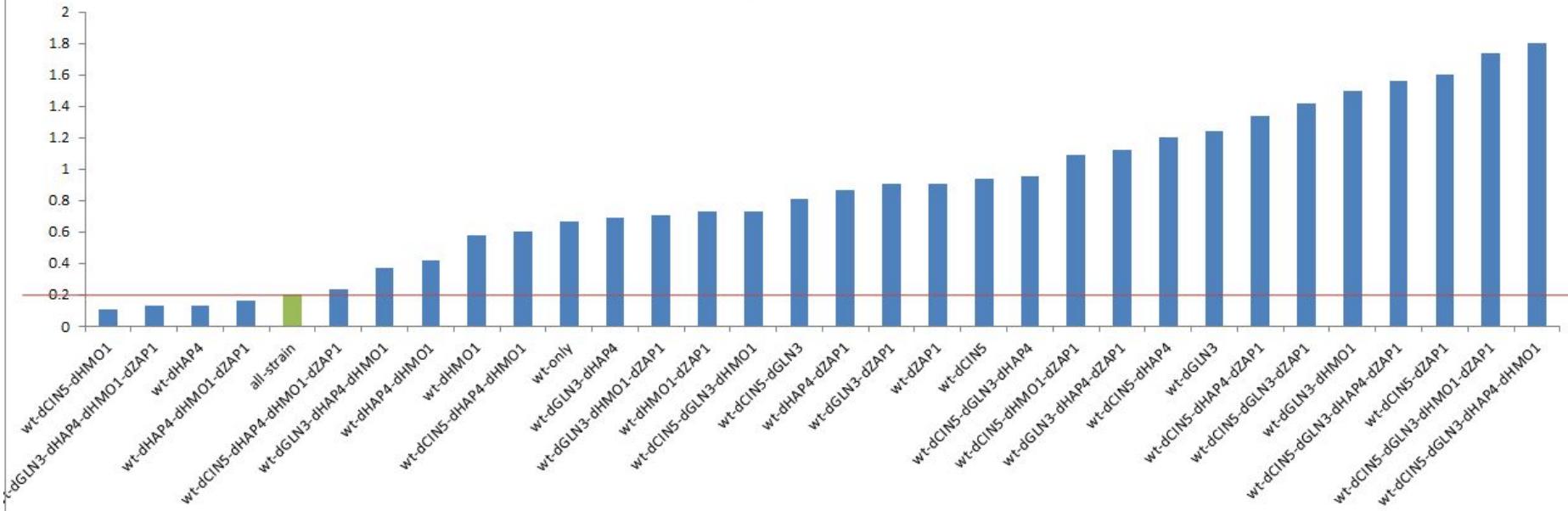
## SWI5 Production Rate



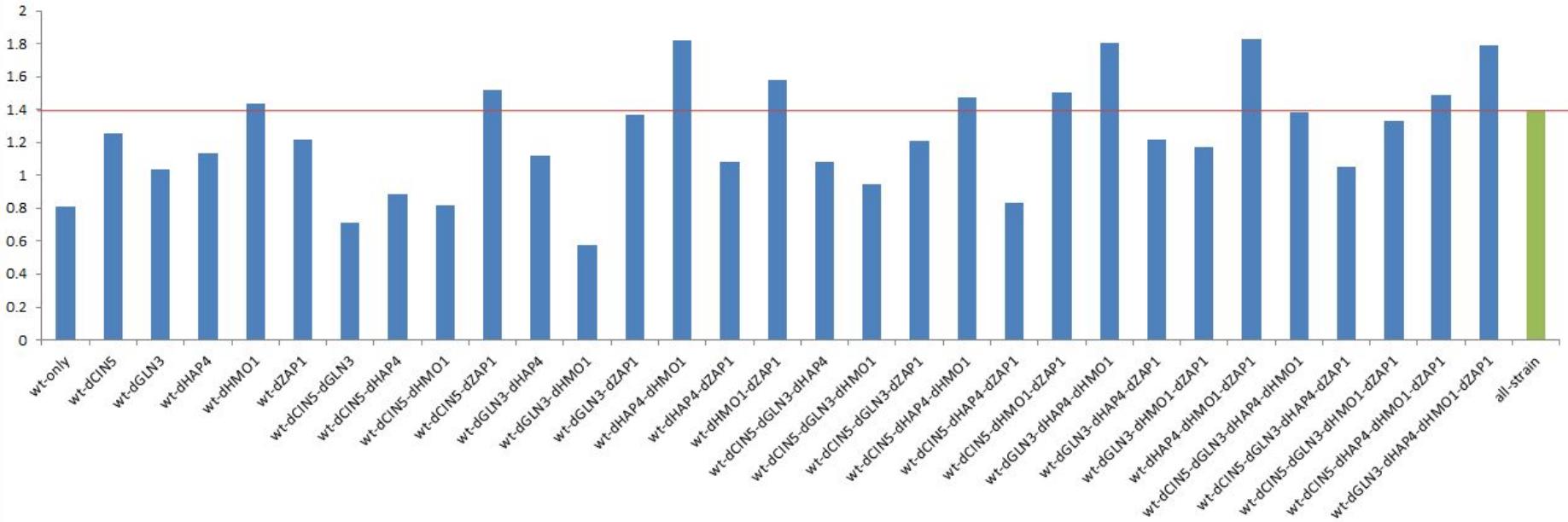
## YHP1 Production Rate



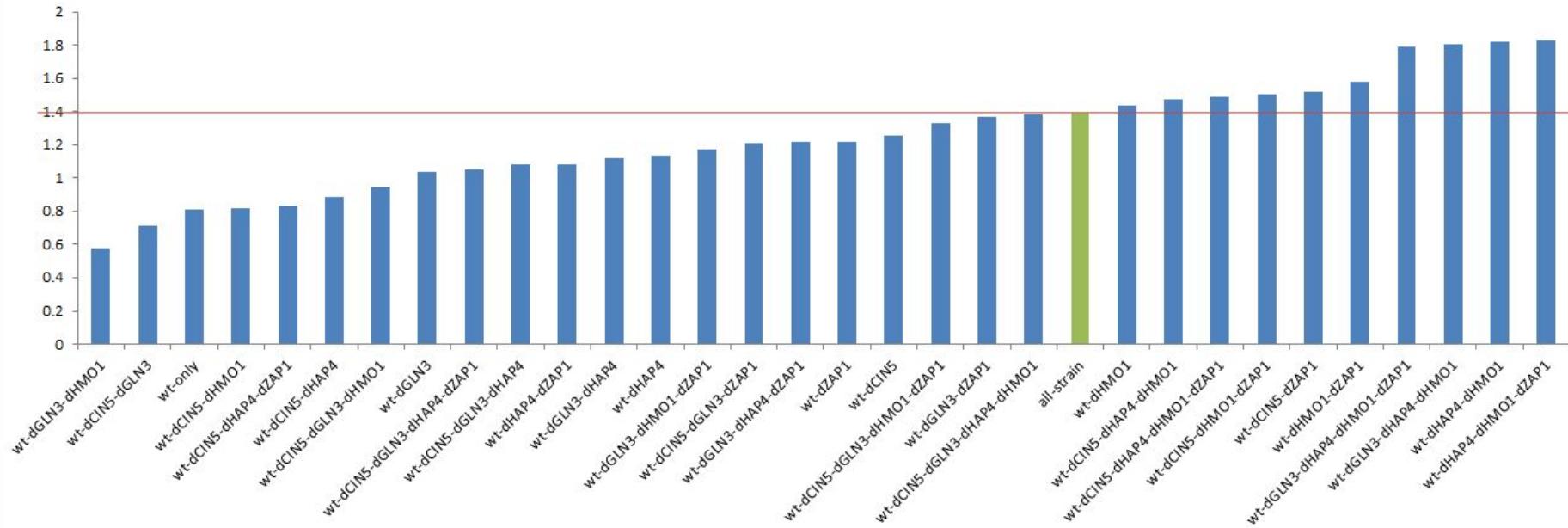
## YHP1 Production Rate



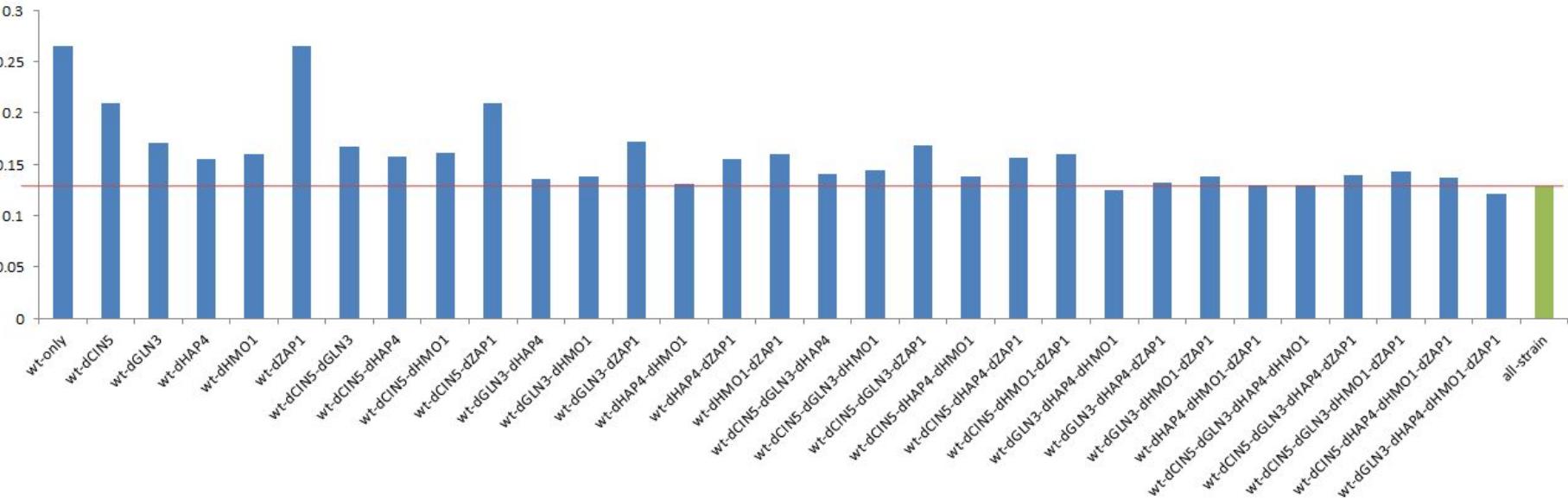
## YOX1 Production Rate



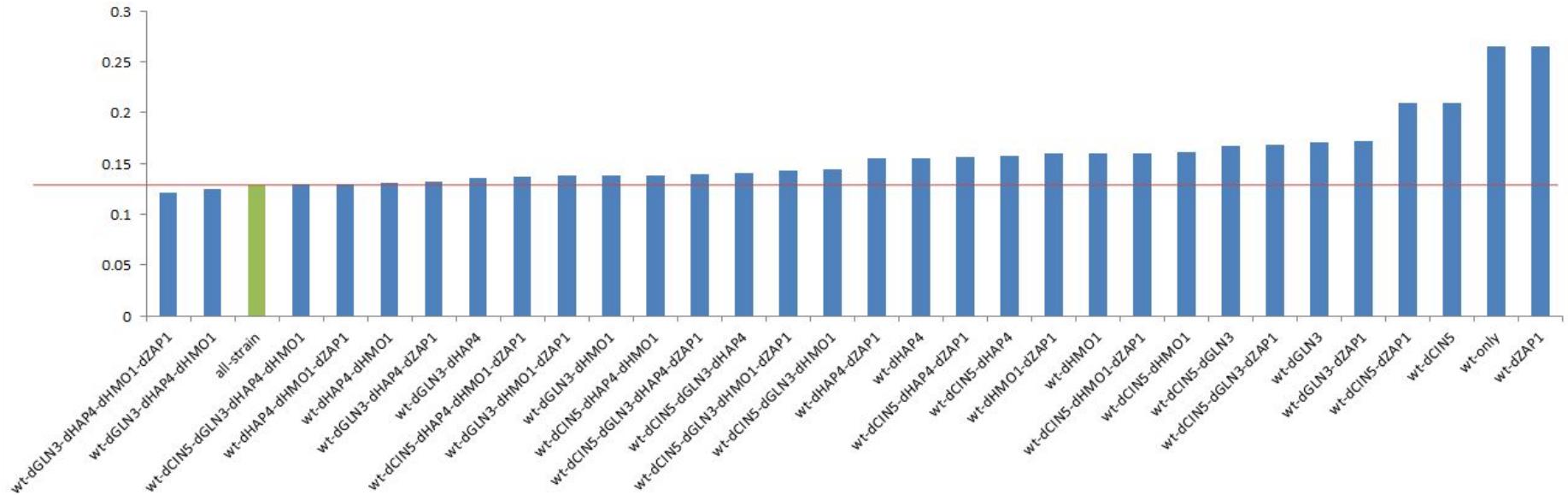
## YOX1 Production Rate



## ZAP1 Production Rate

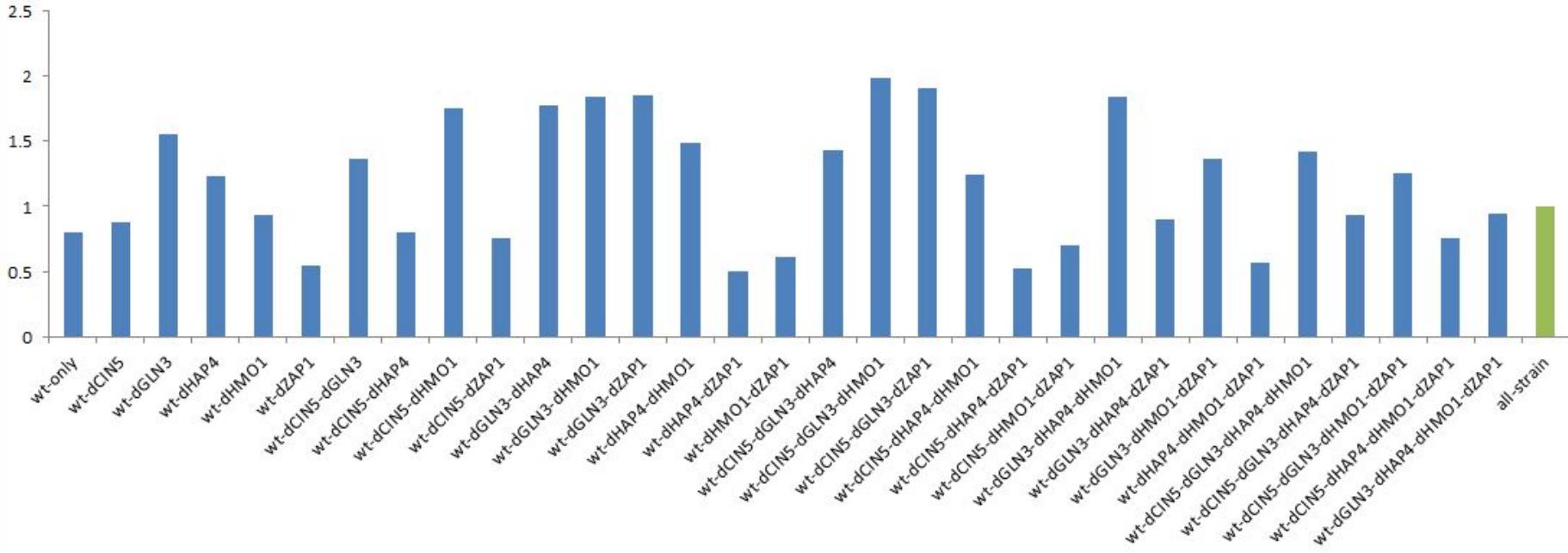


## ZAP1 Production Rate

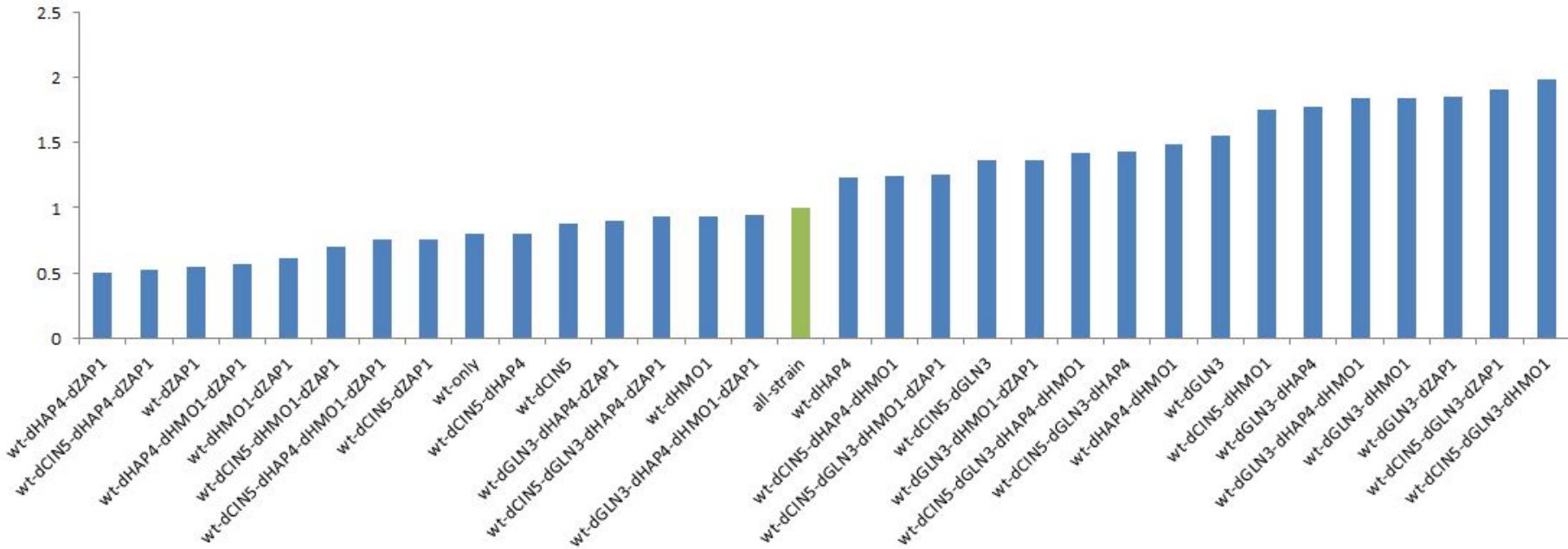


# Production Rate Ratio

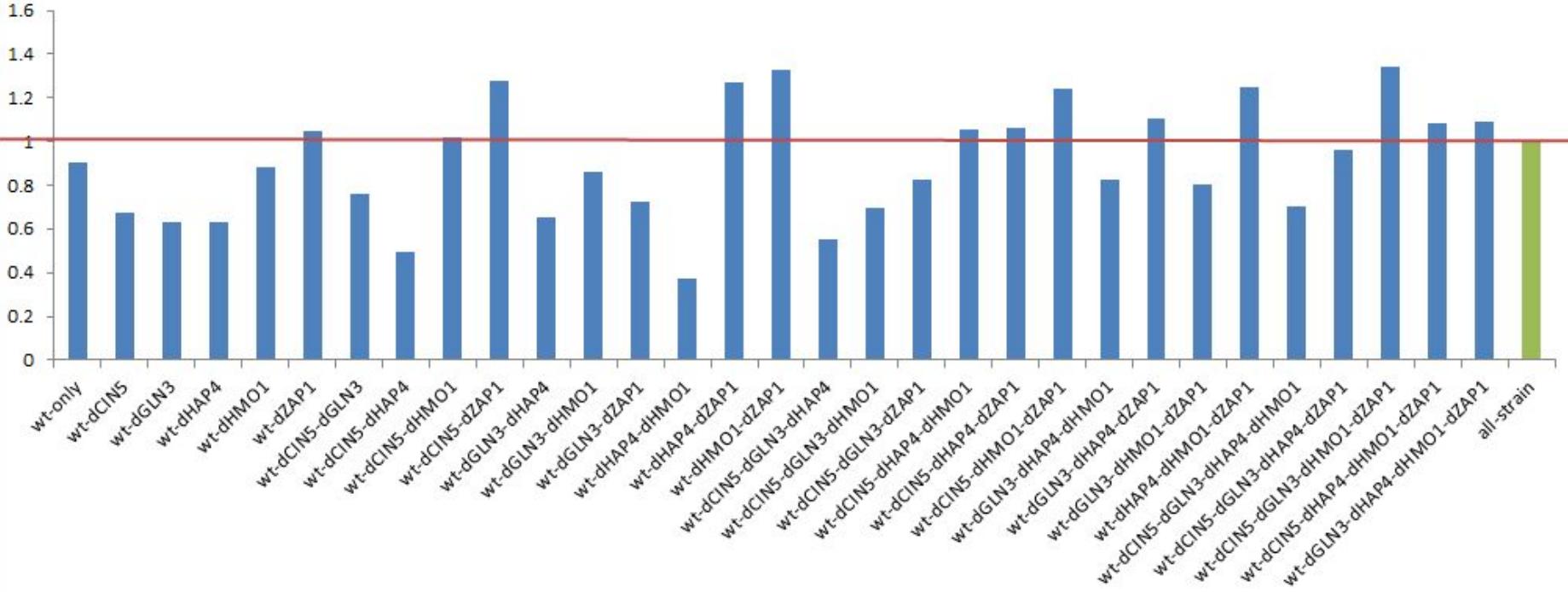
## ACE2 Production Rate Ratio



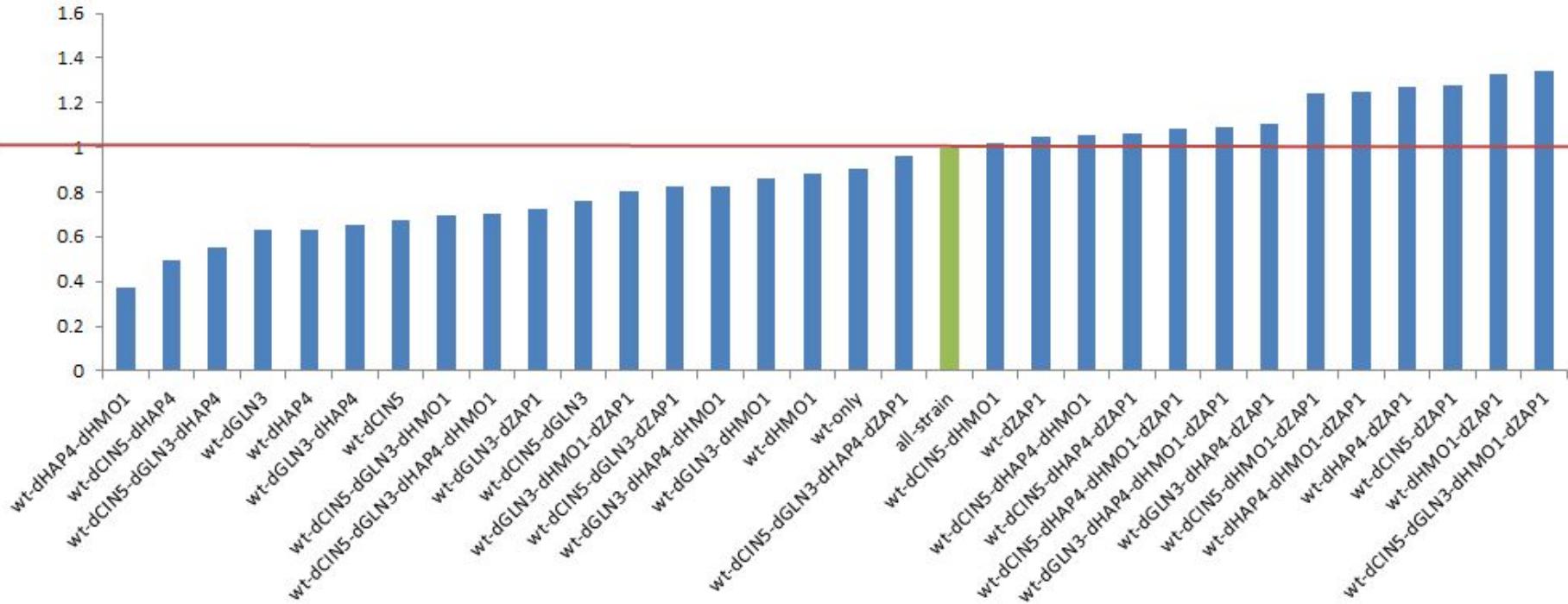
## ACE2 Production Rate Ratio



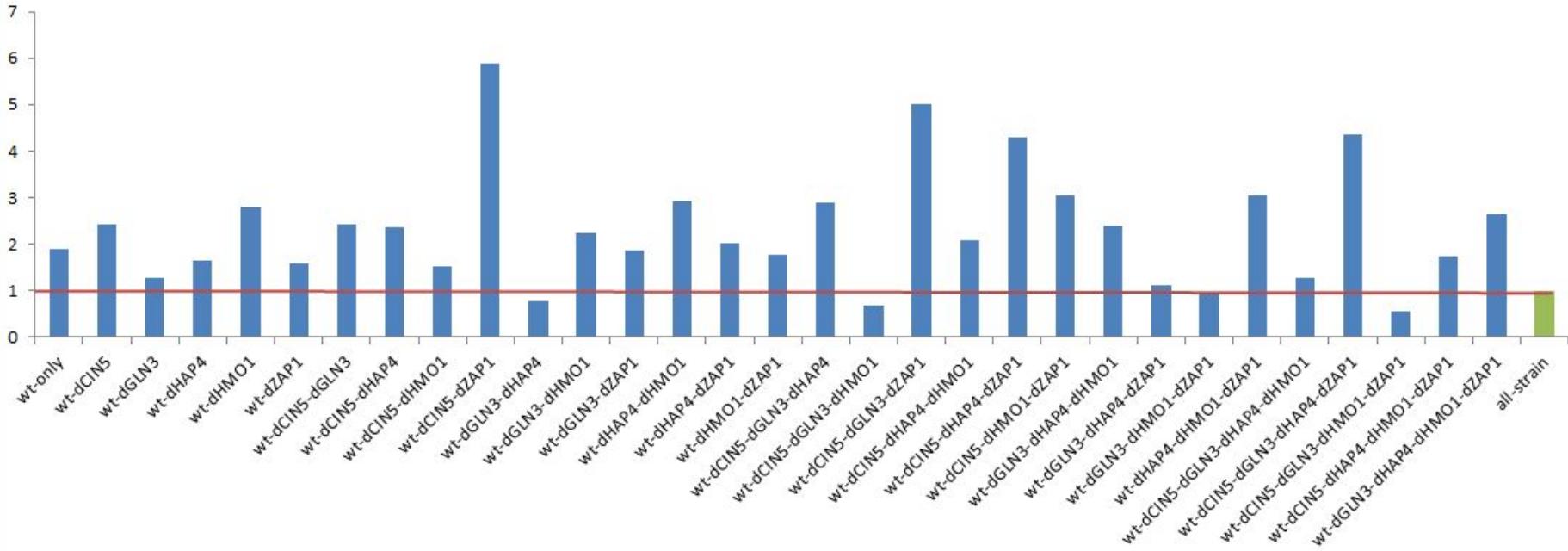
## ASH1 Production Rate Ratio



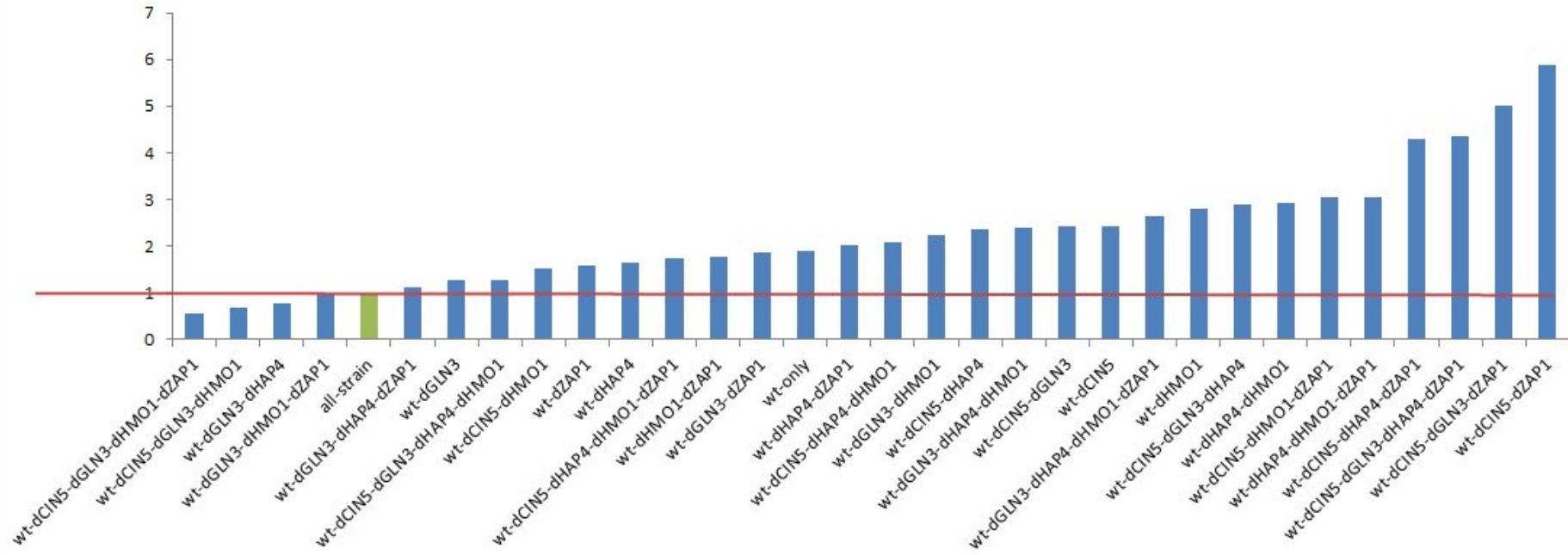
## ASH1 Production Rate Ratio



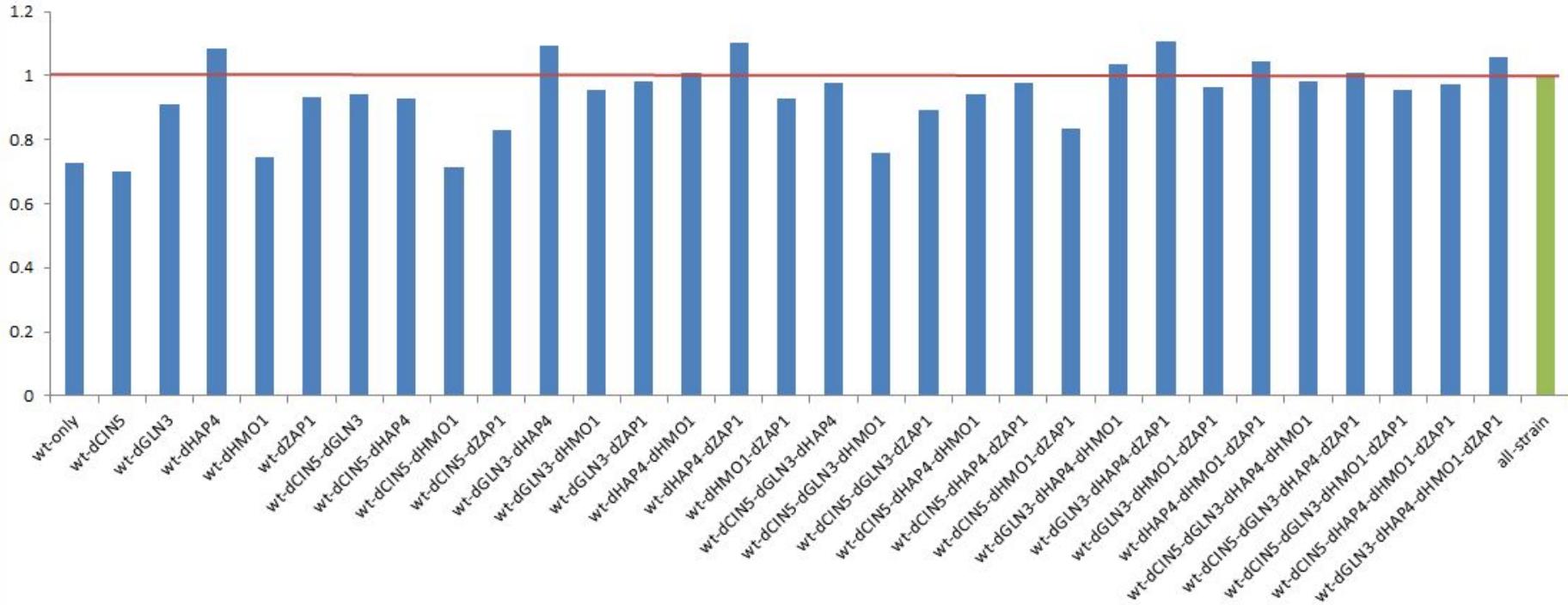
## CIN5 Production Rate Ratio



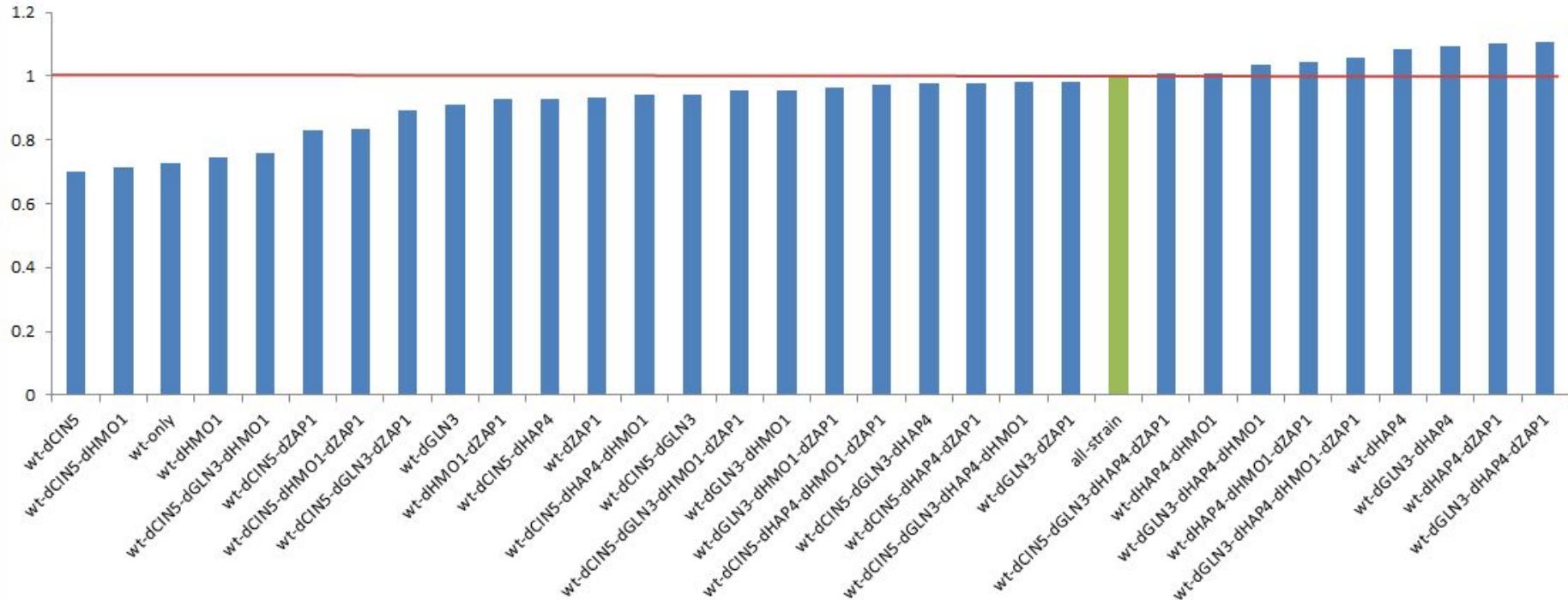
## CIN5 Production Rate Ratio



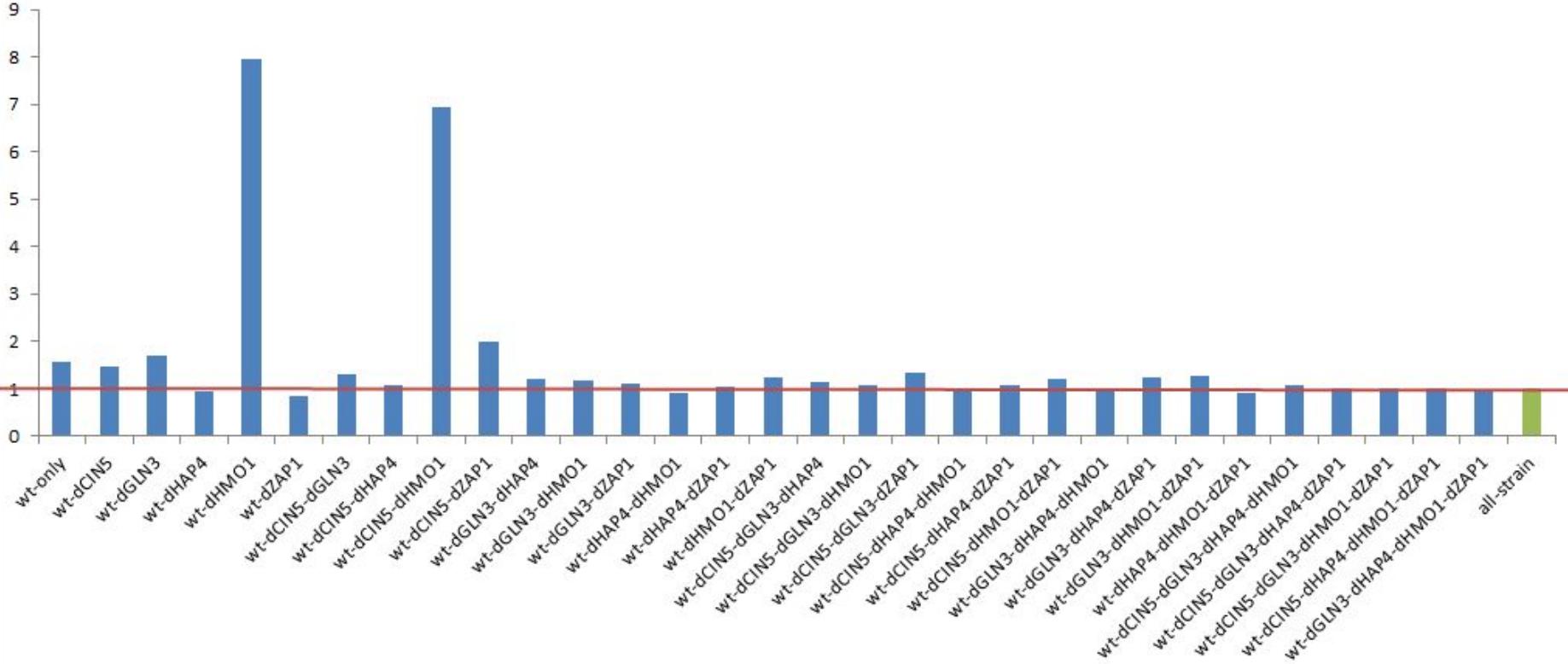
## GCR2 Production Rate Ratio



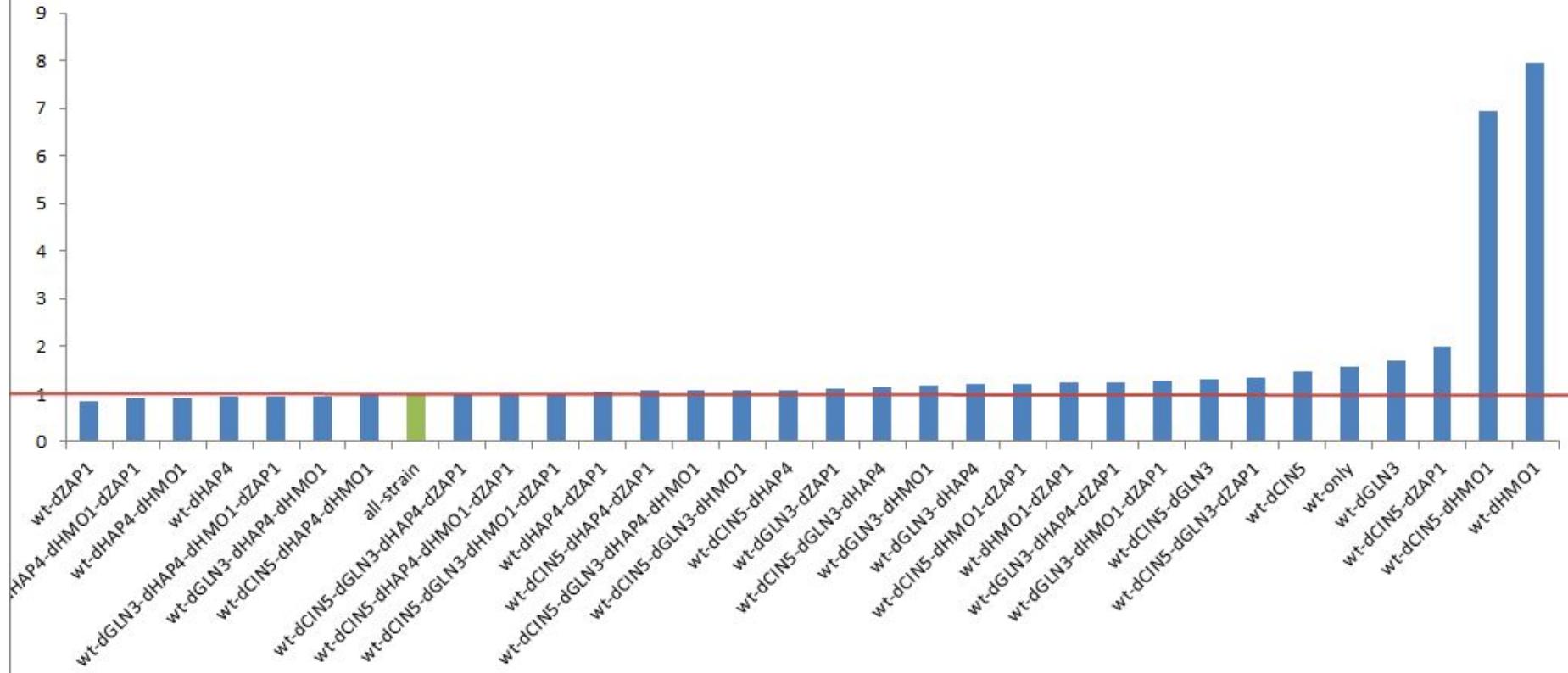
## GCR2 Production Rate Ratio



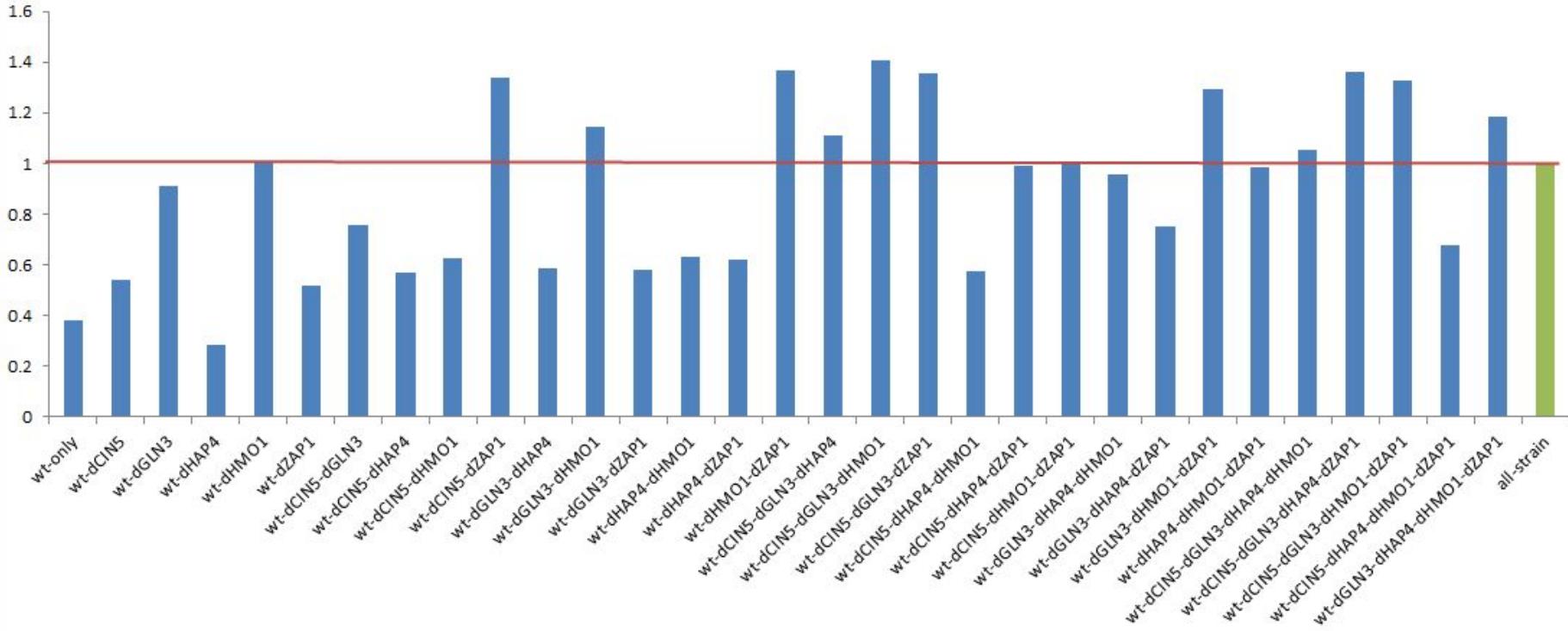
## GLN3 Production Rate Ratio



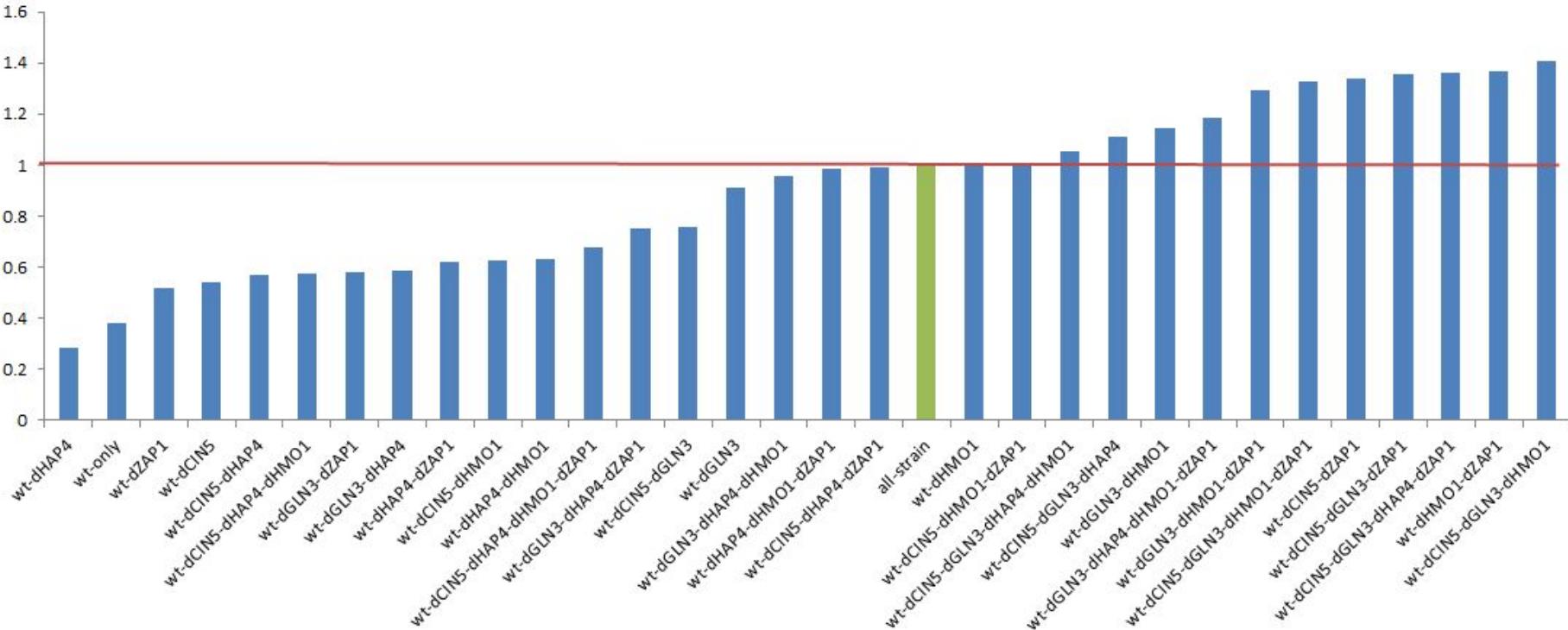
## GLN3 Production Rate Ratio



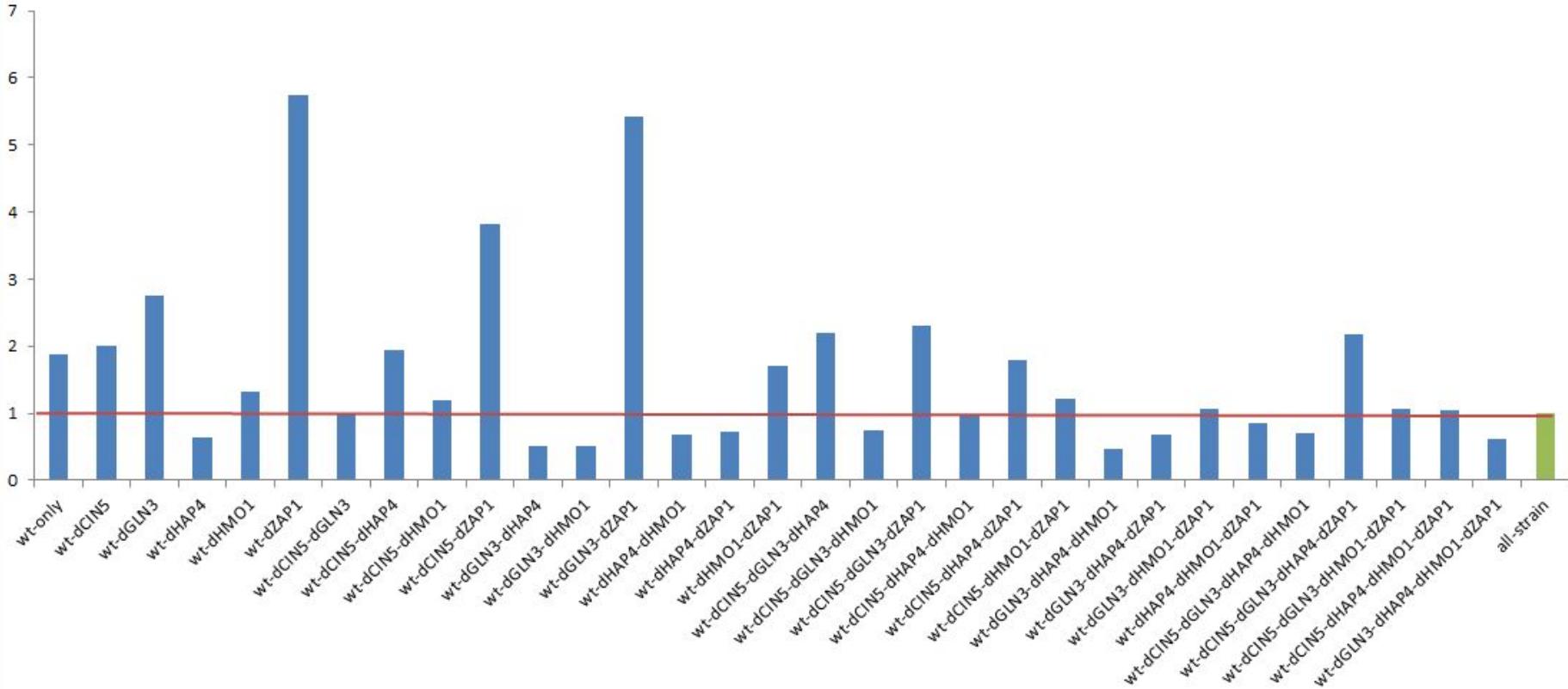
## HAP4 Production Rate Ratio



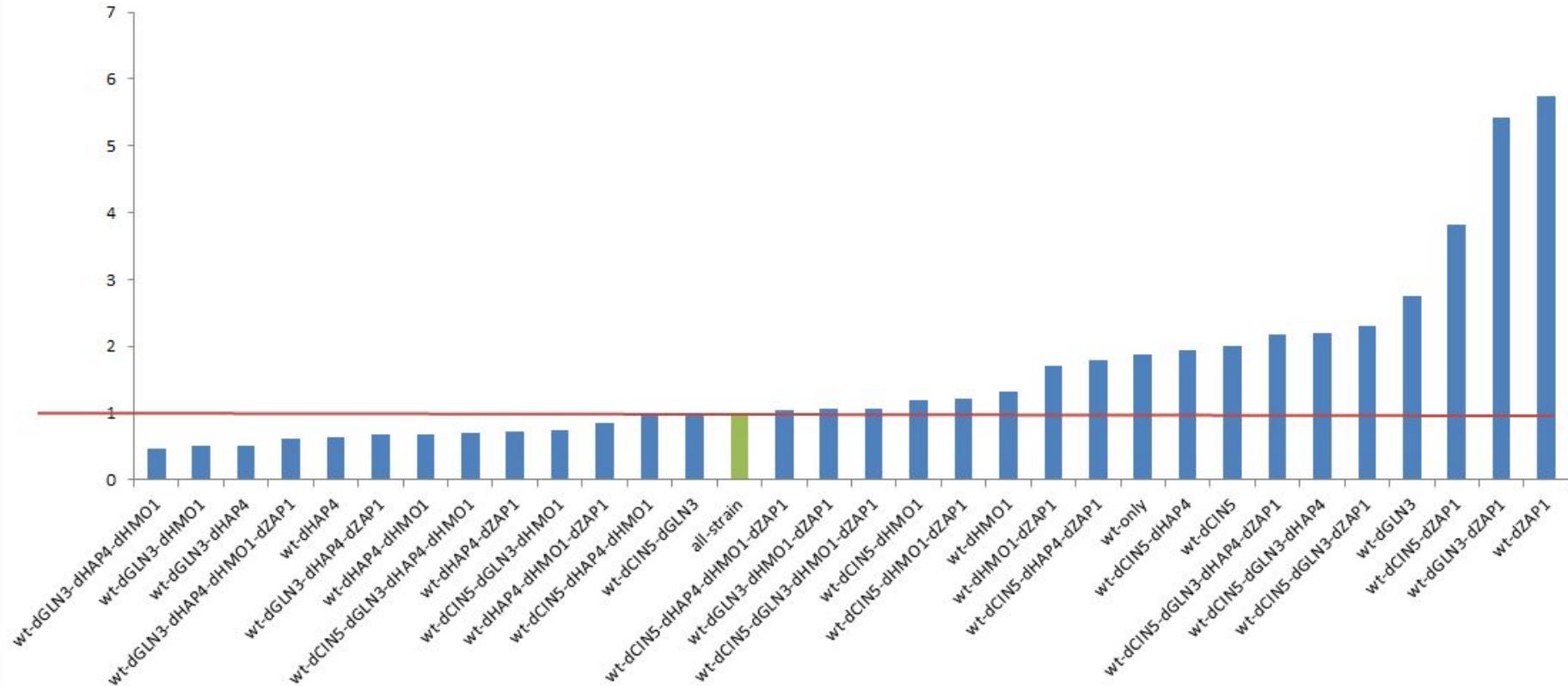
## HAP4 Production Rate Ratio



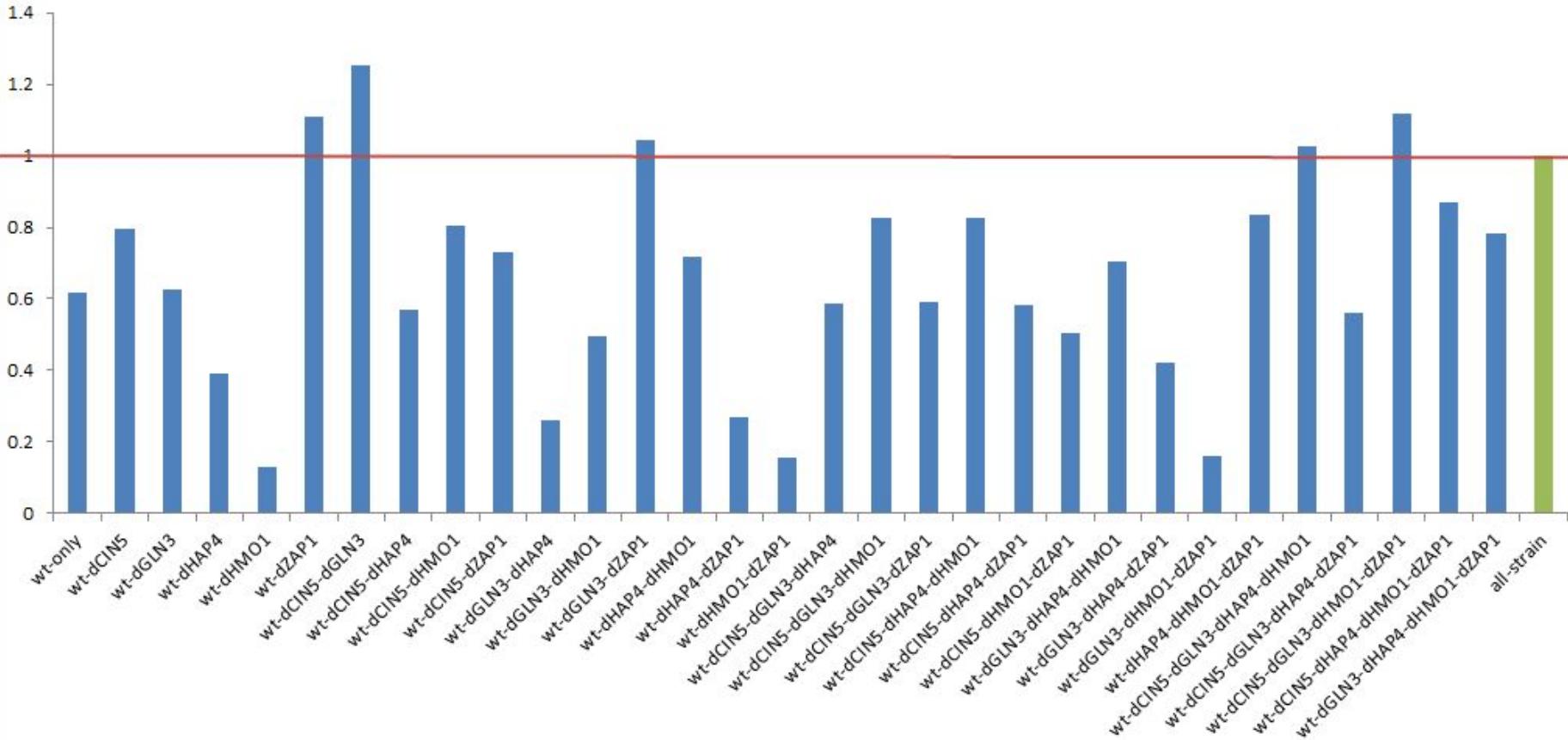
## HMO1 Production Rate Ratio



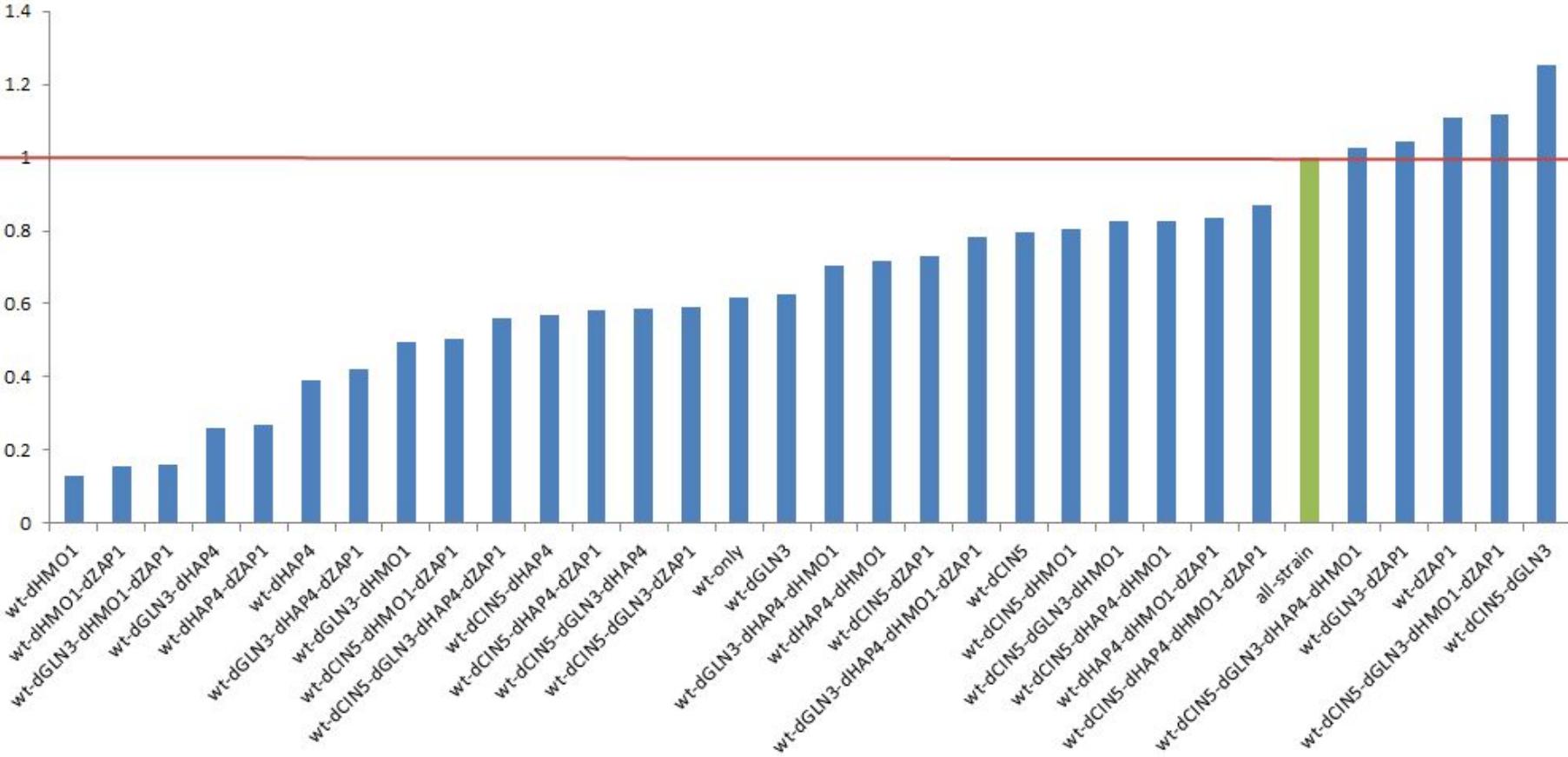
## HMO1 Production Rate Ratio



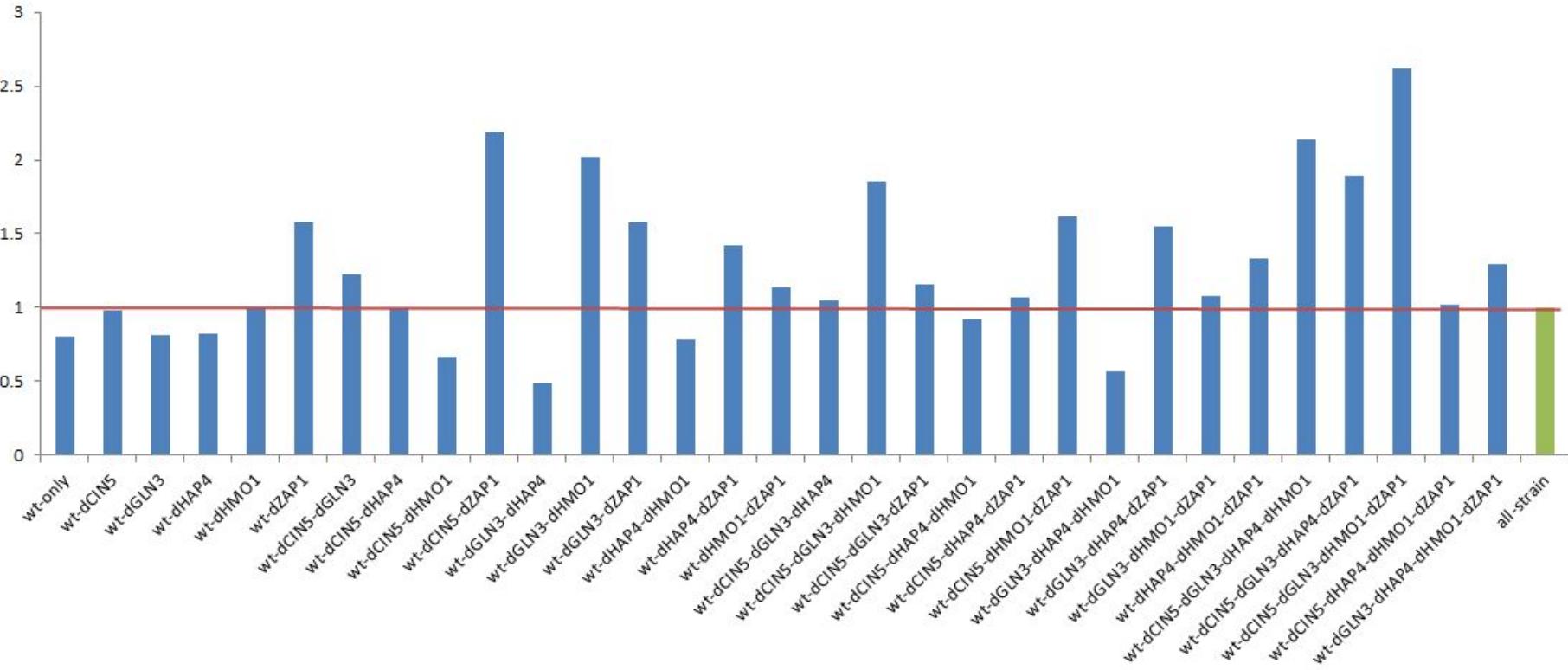
## MSN2 Production Rate Ratio



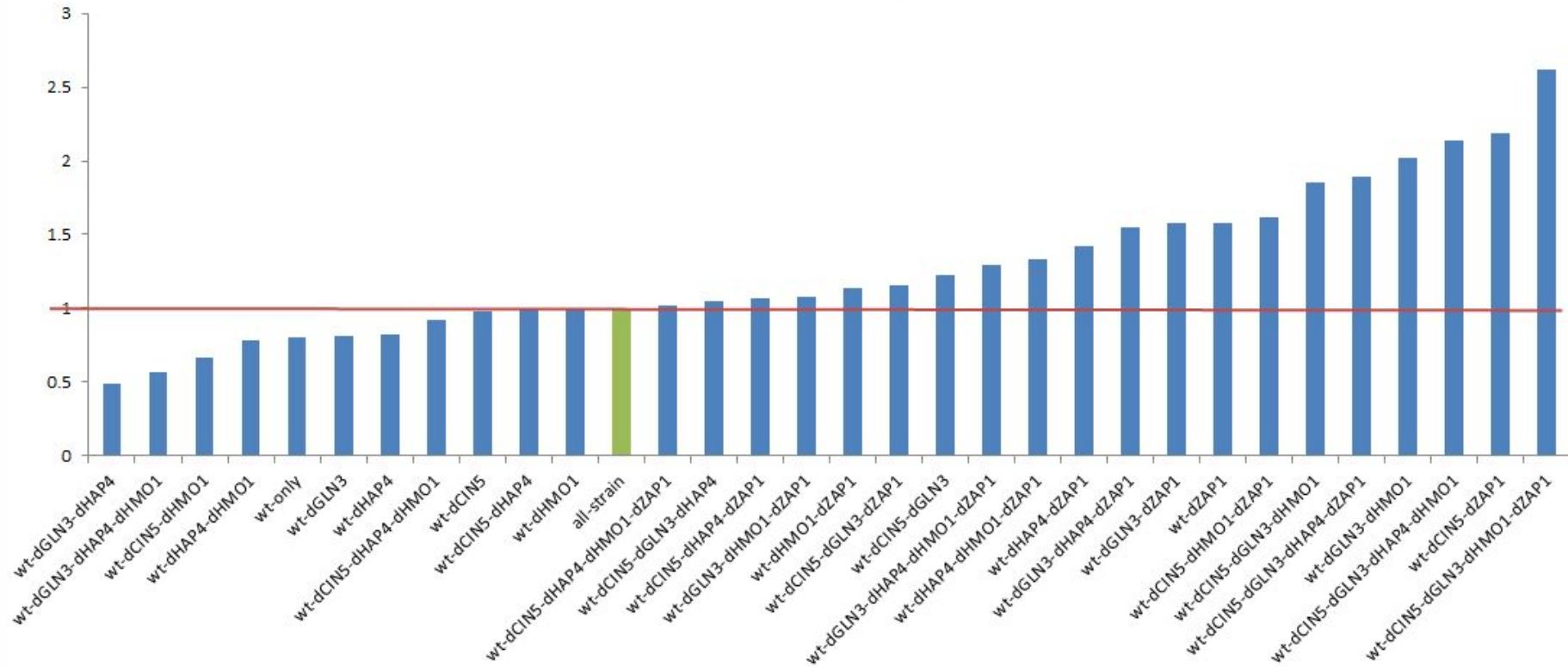
## MSN2 Production Rate Ratio



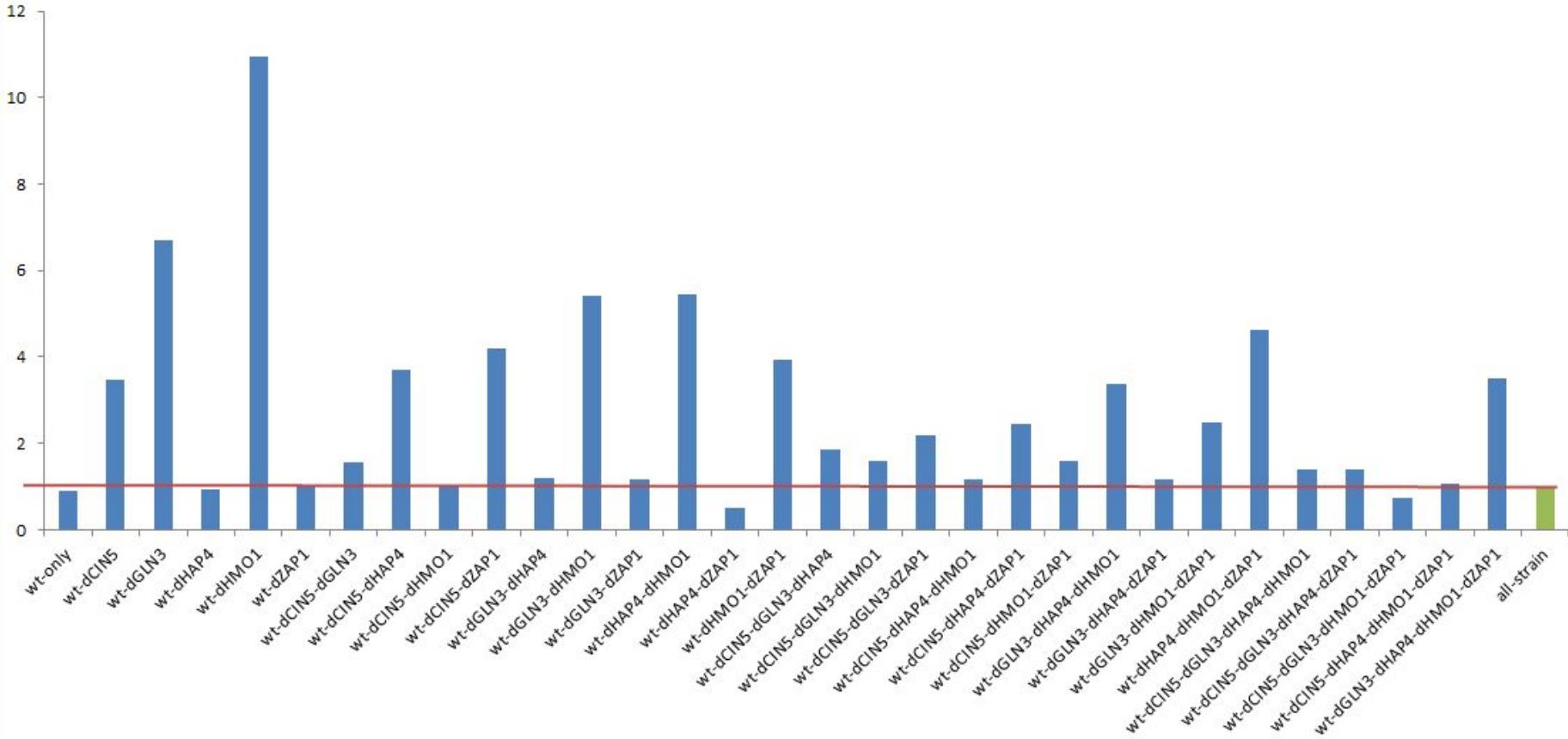
## SFP1 Production Rate Ratio



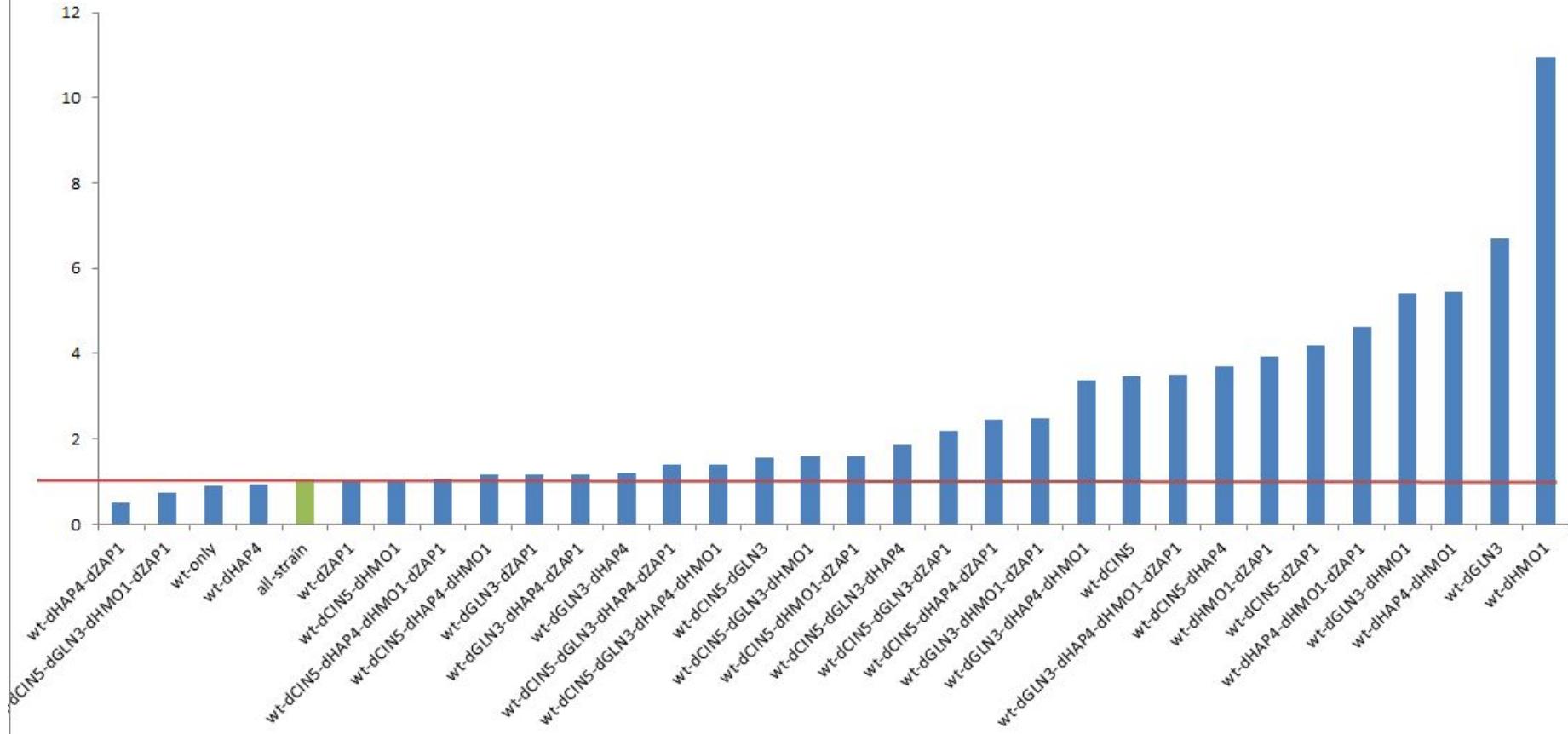
## SFP1 Production Rate Ratio



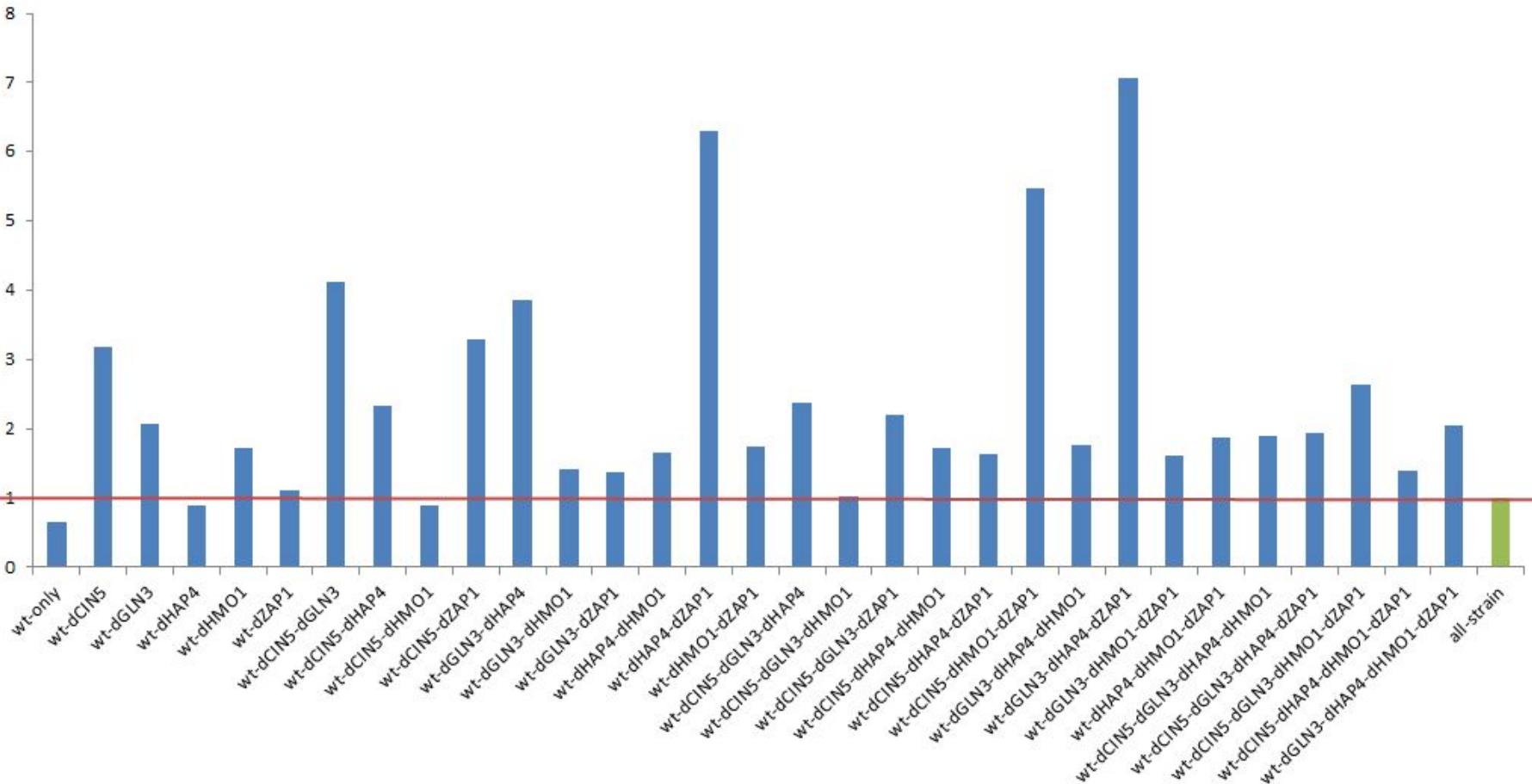
## STB5 Production Rate Ratio



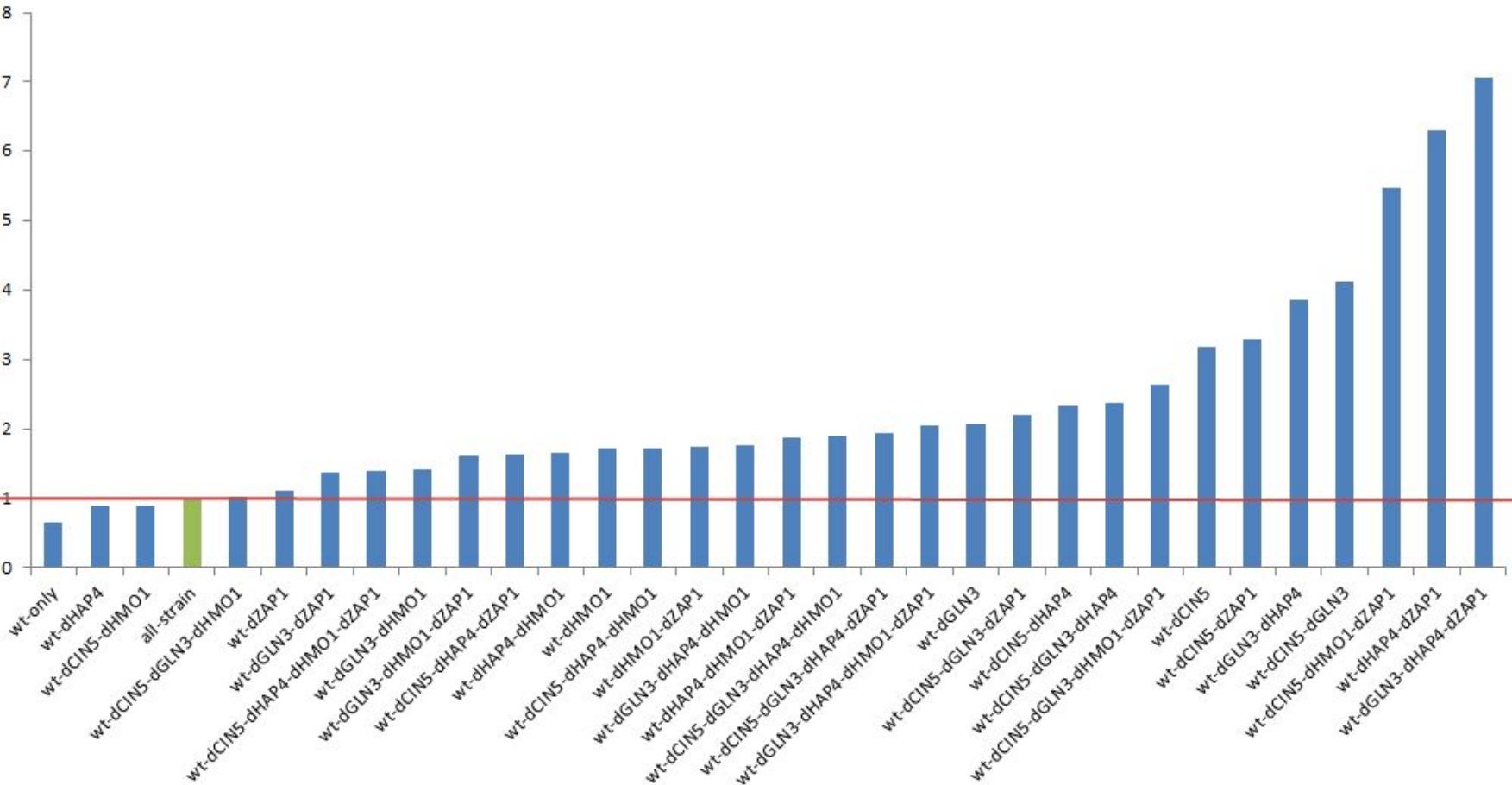
## STB5 Production Rate Ratio



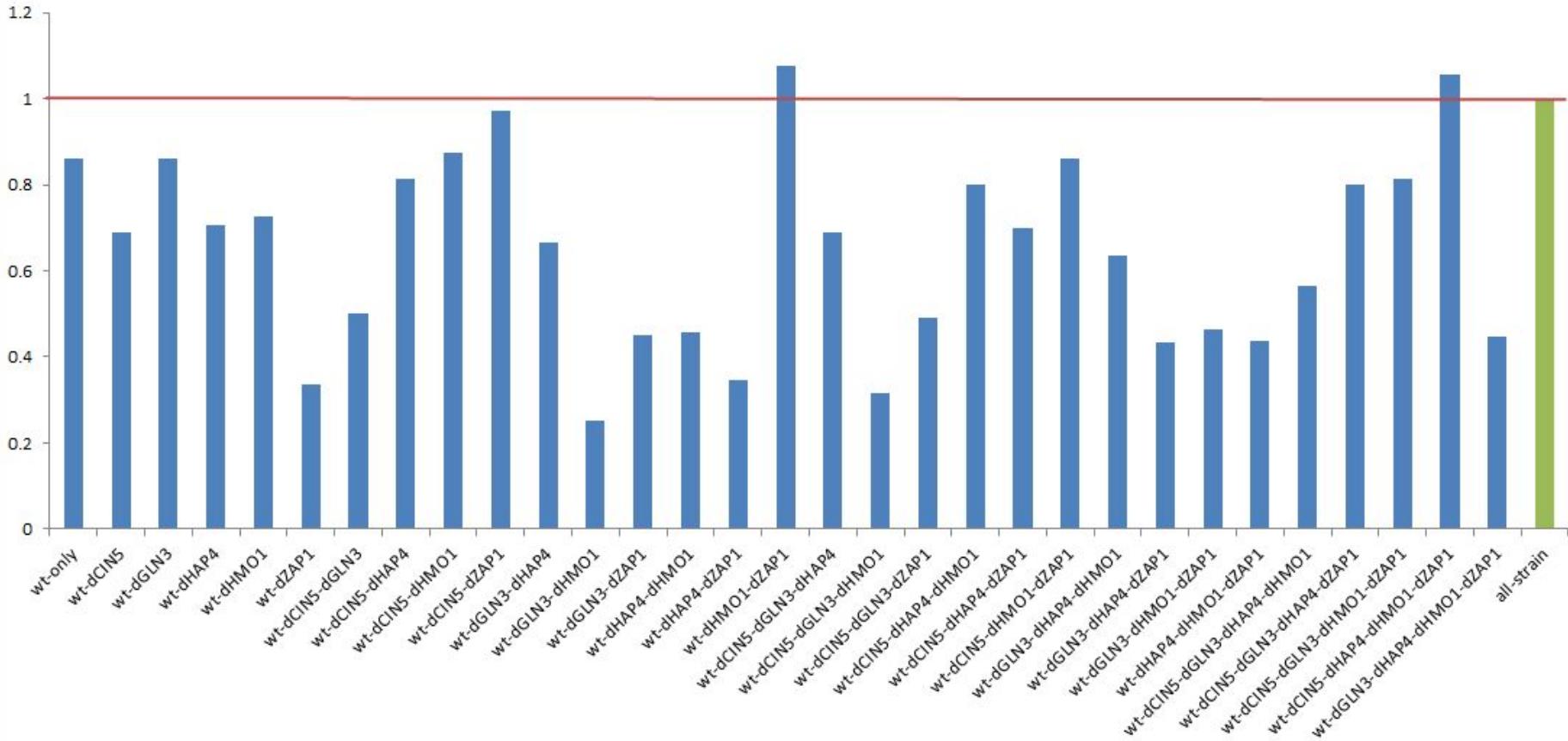
## SWI4 Production Rate Ratio



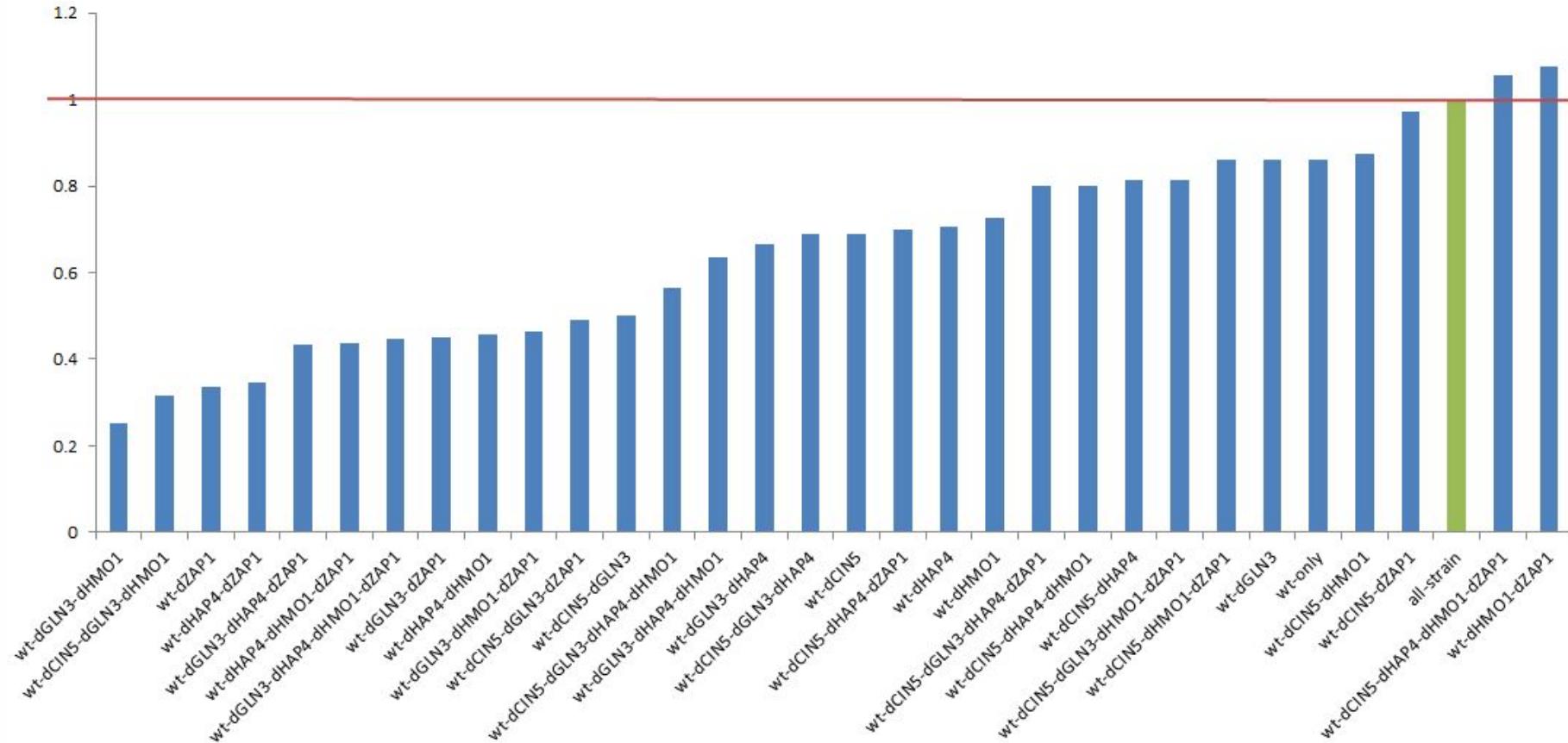
## SWI4 Production Rate Ratio



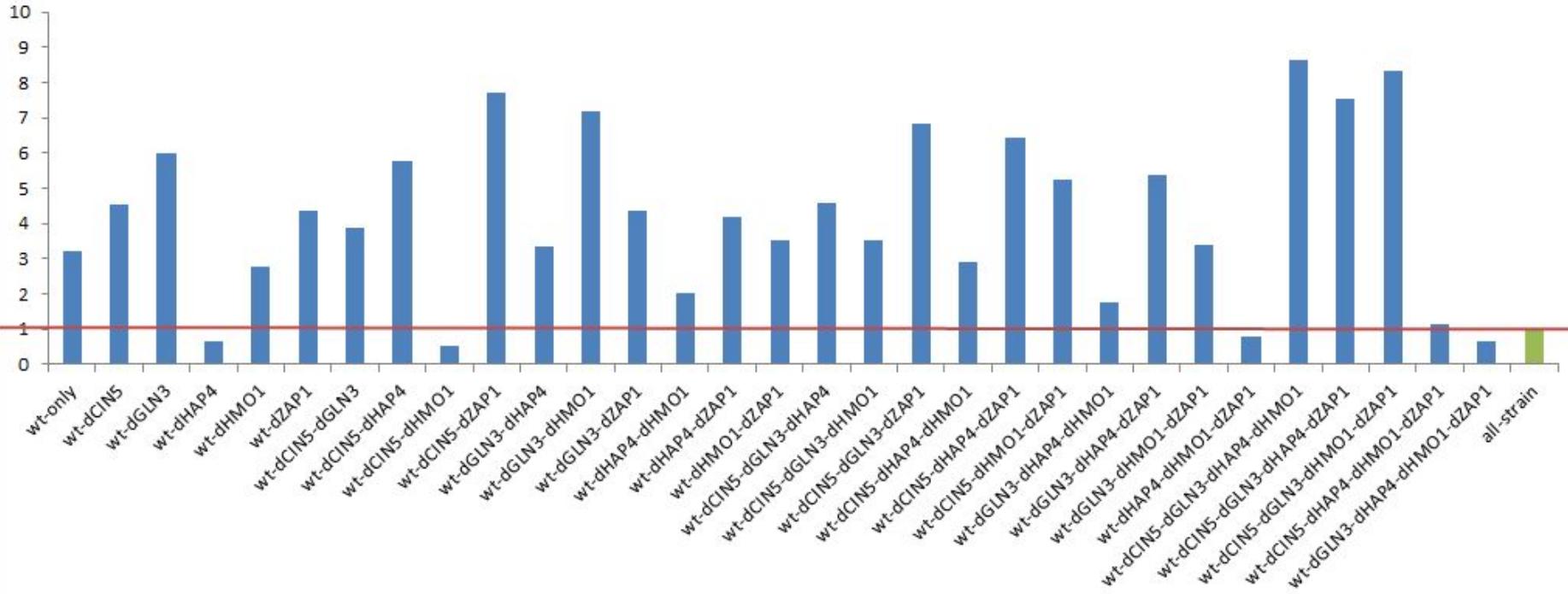
## SWI5 Production Rate Ratio



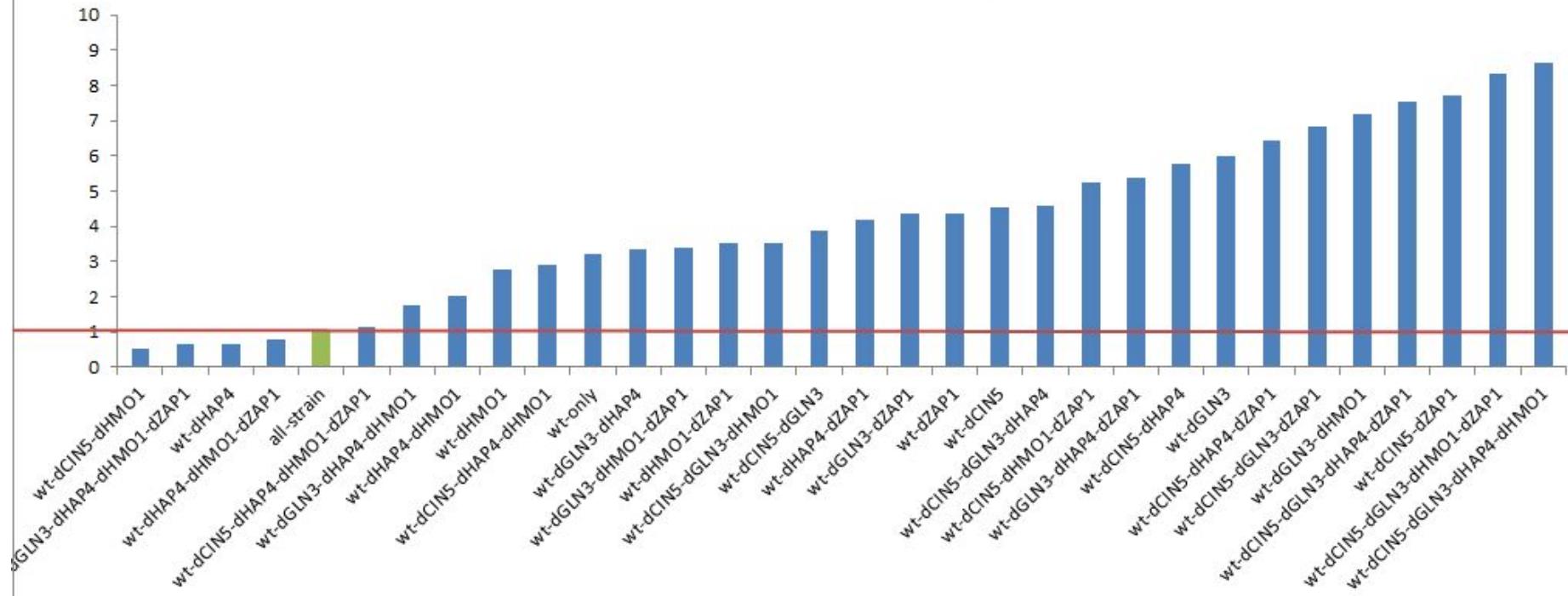
## SWI5 Production Rate Ratio



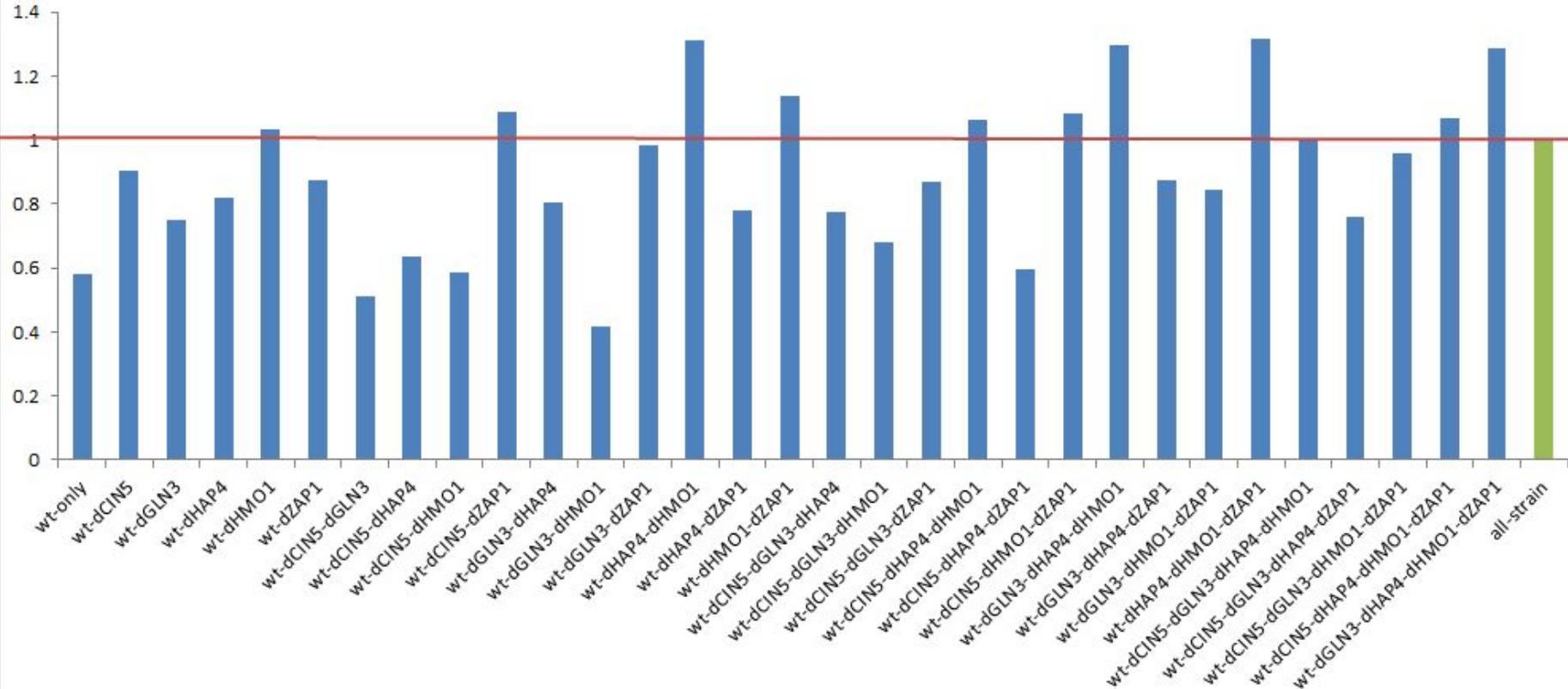
## YHP1 Production Rate Ratio



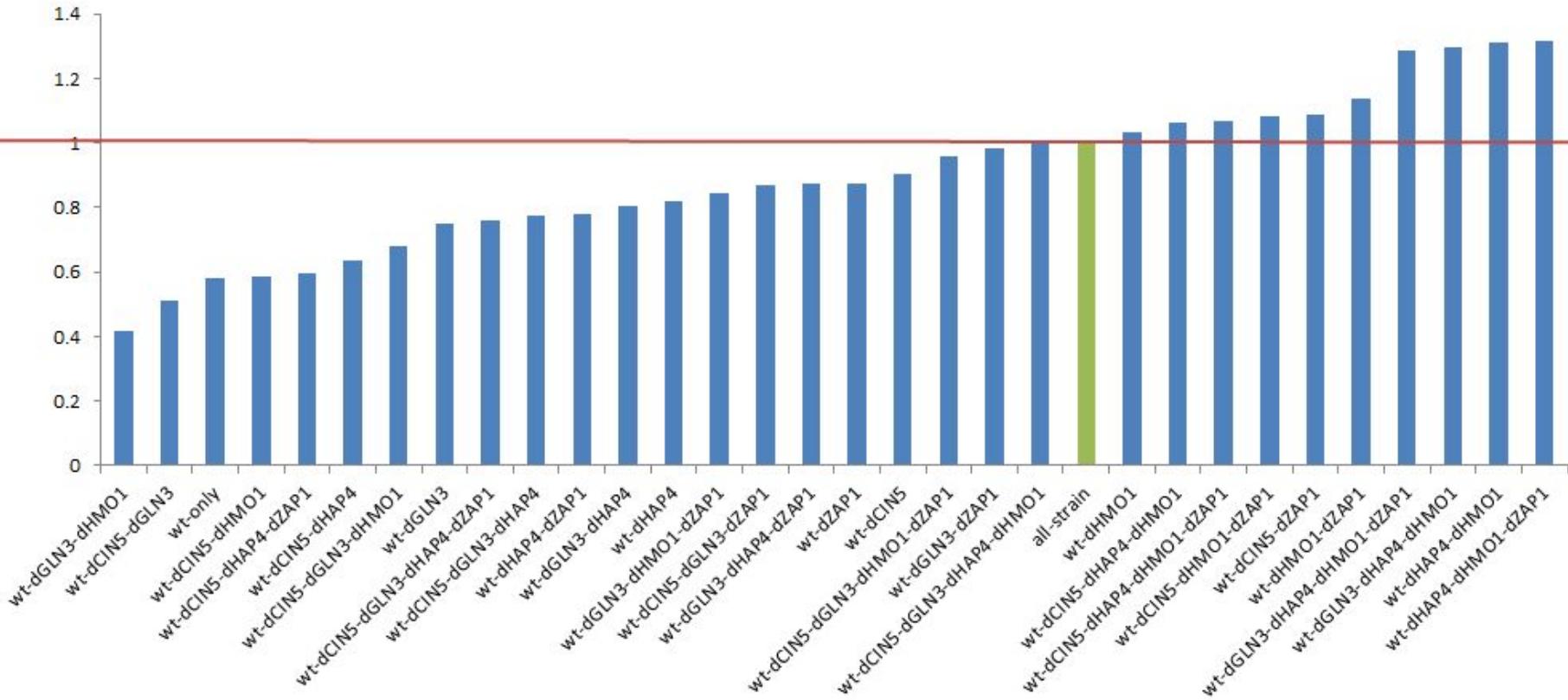
## YHP1 Production Rate Ratio



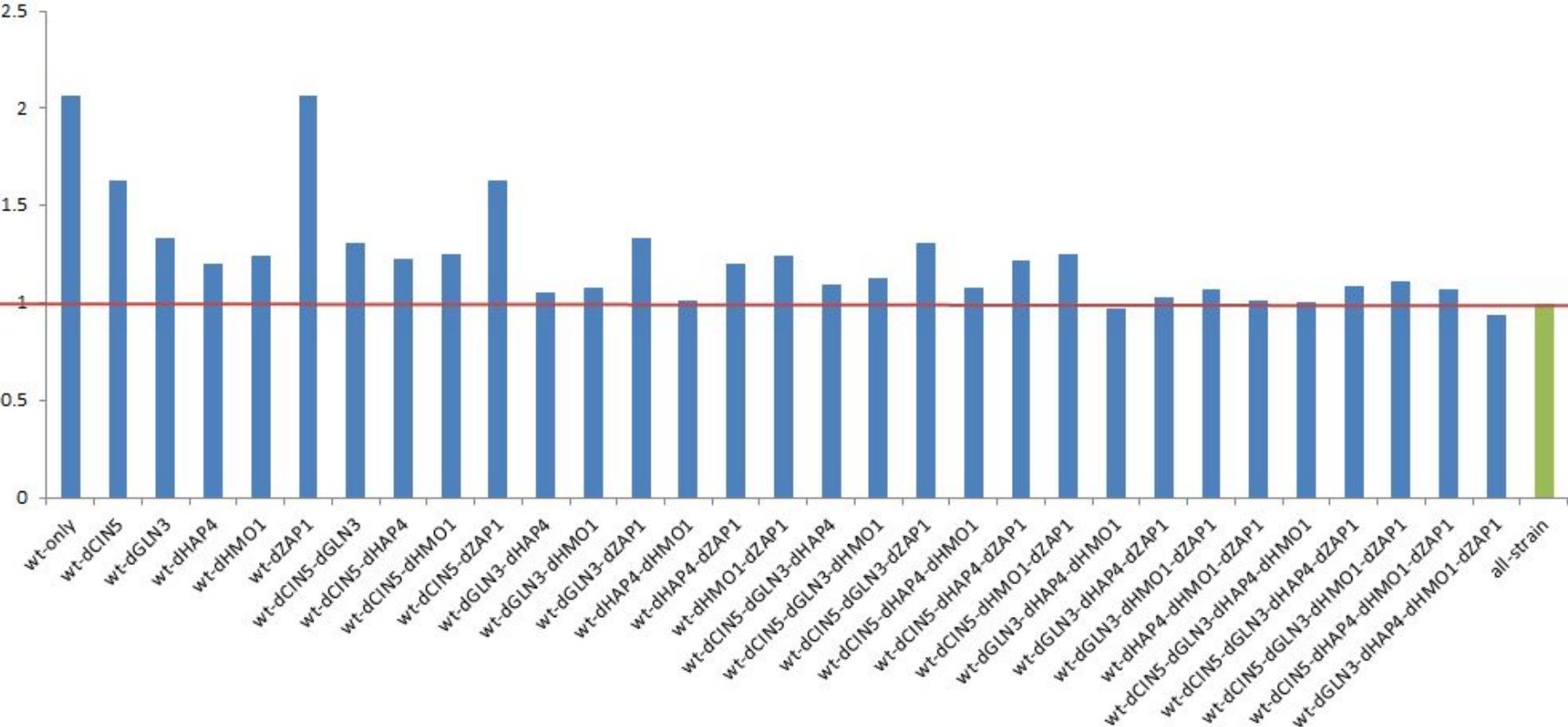
## YOX1 Production Rate Ratio



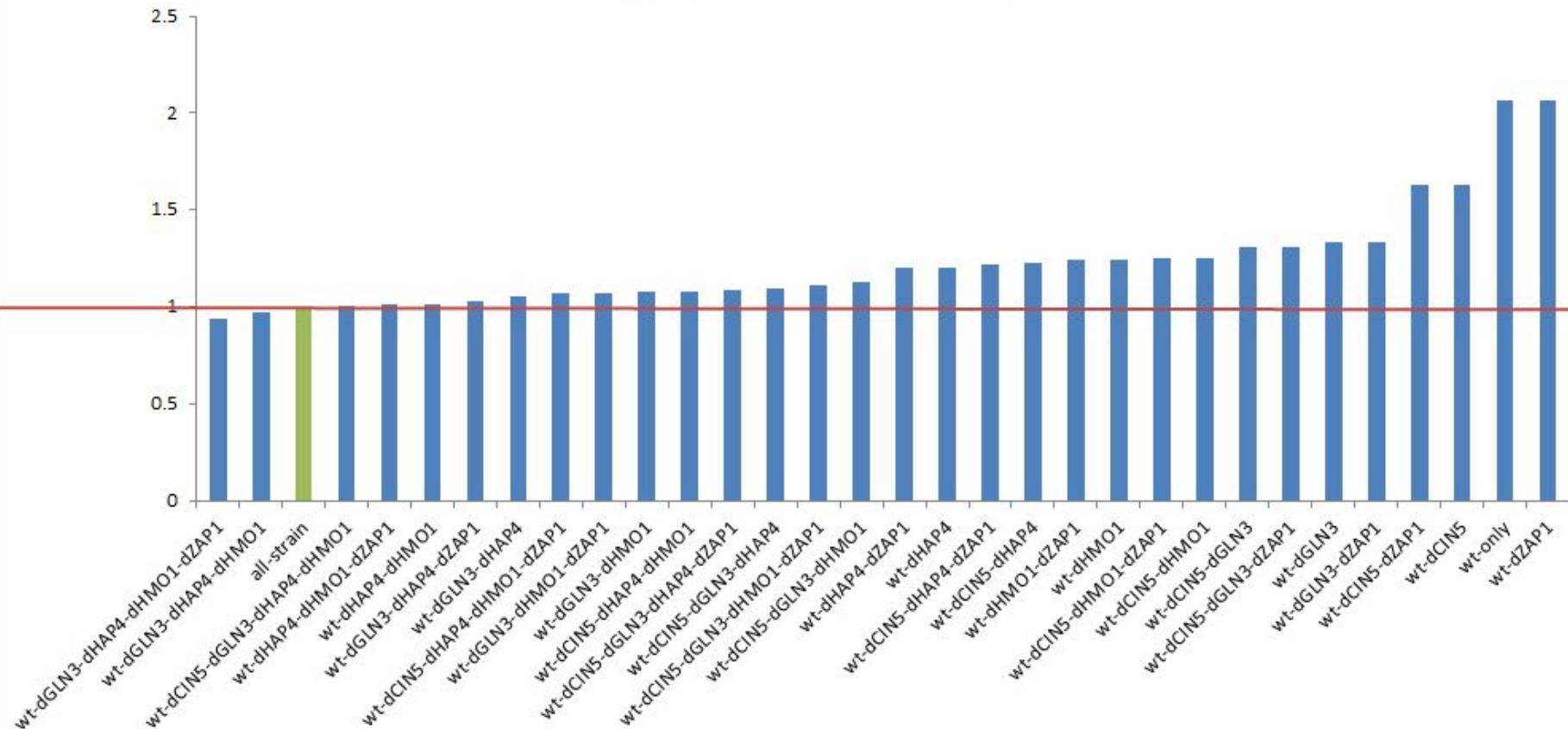
## YOX1 Production Rate Ratio



## ZAP1 Production Rate Ratio

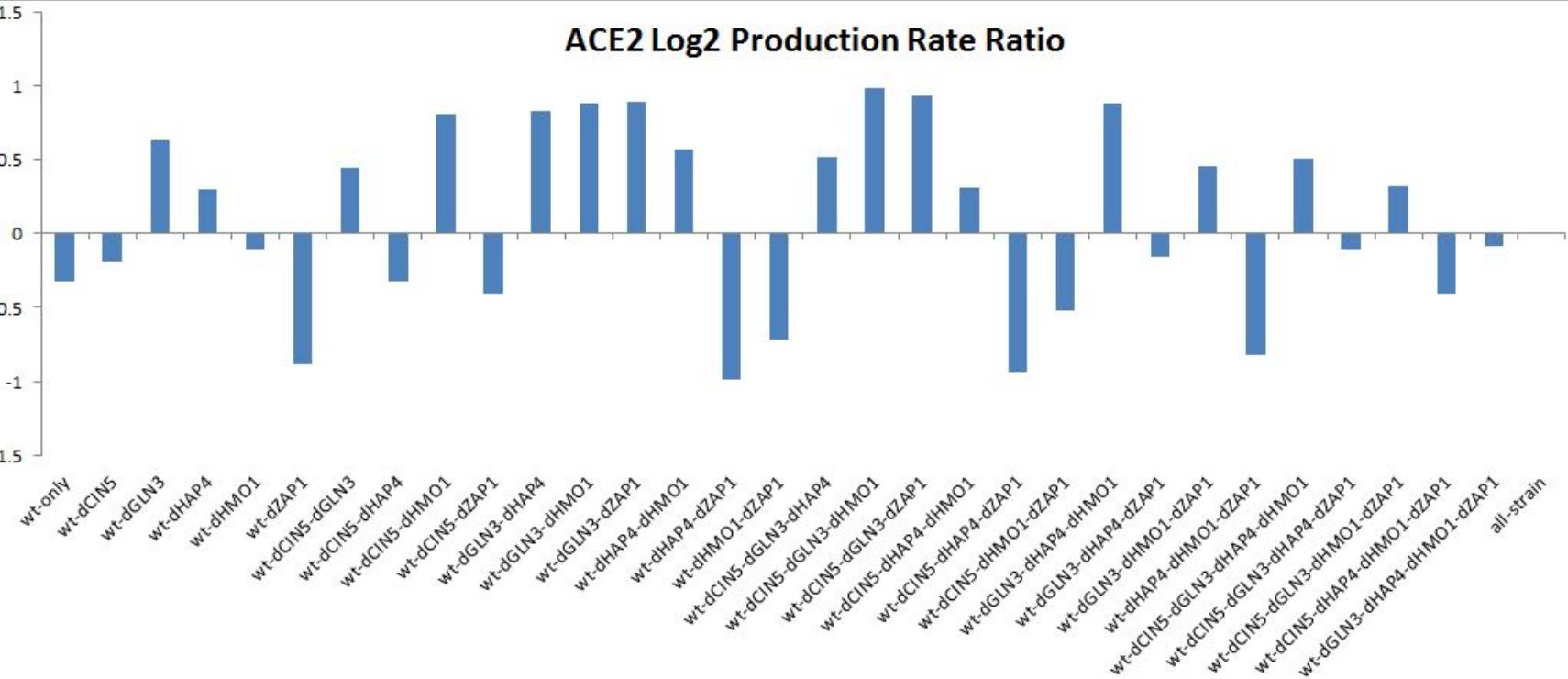


## ZAP1 Production Rate Ratio

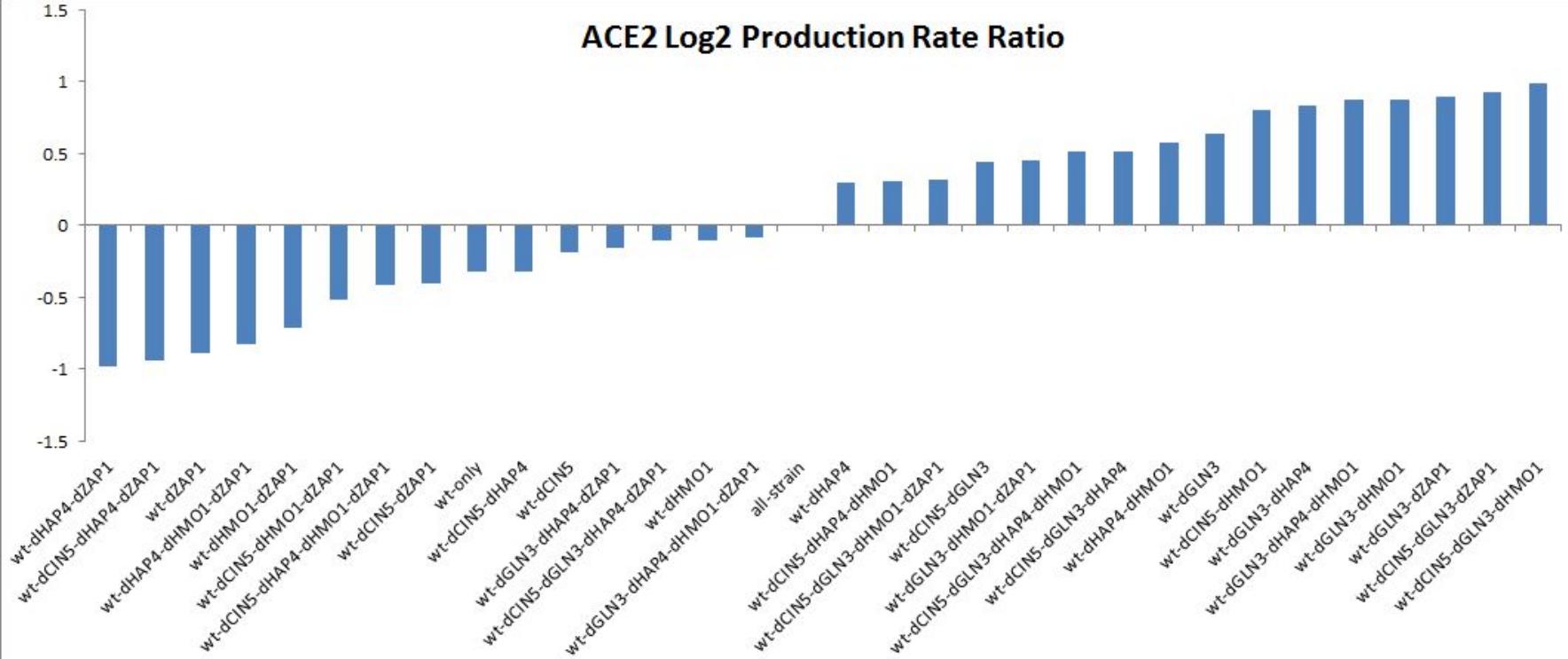


# Log2 Production Rate Ratio

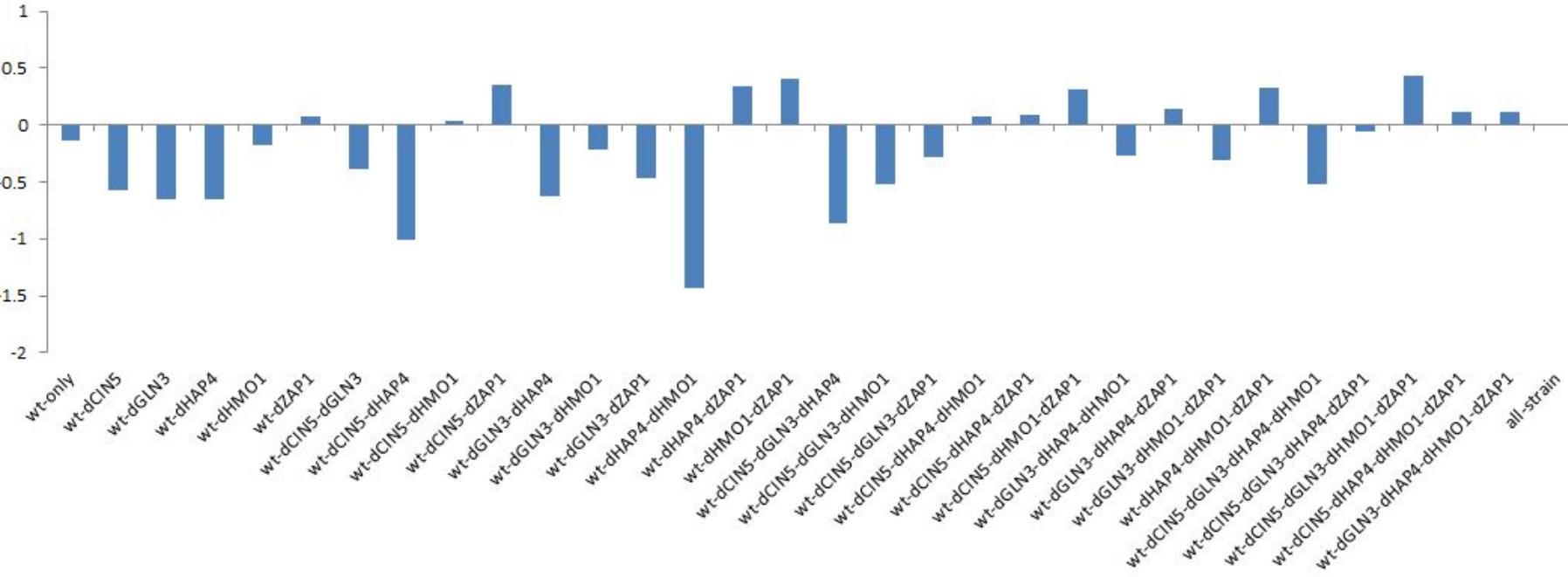
## ACE2 Log2 Production Rate Ratio



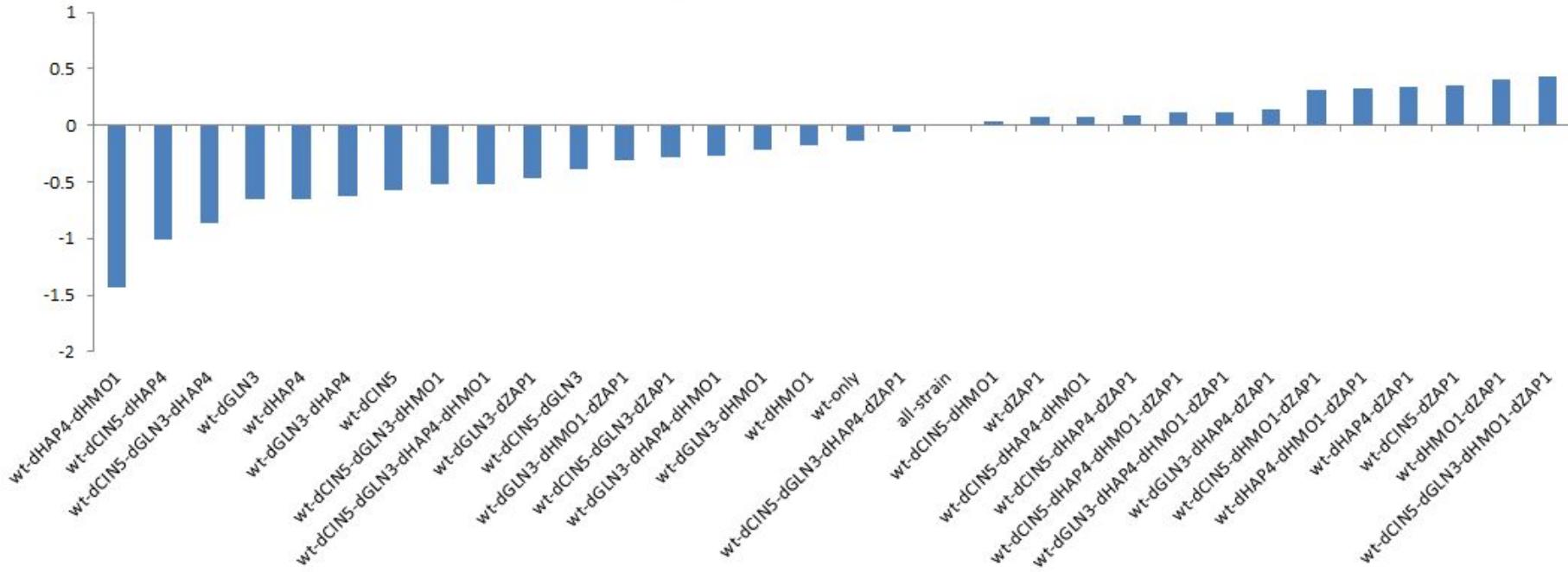
## ACE2 Log2 Production Rate Ratio



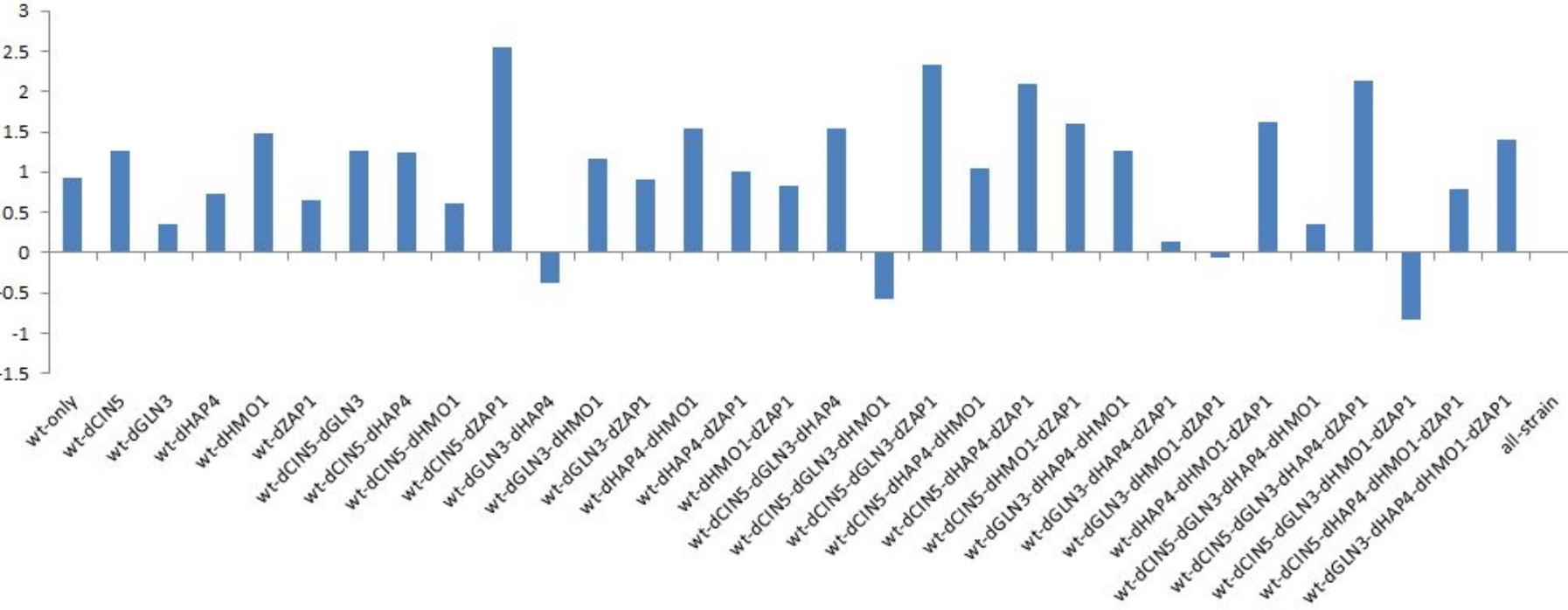
## ASH1 Log2 Production Rate Ratio



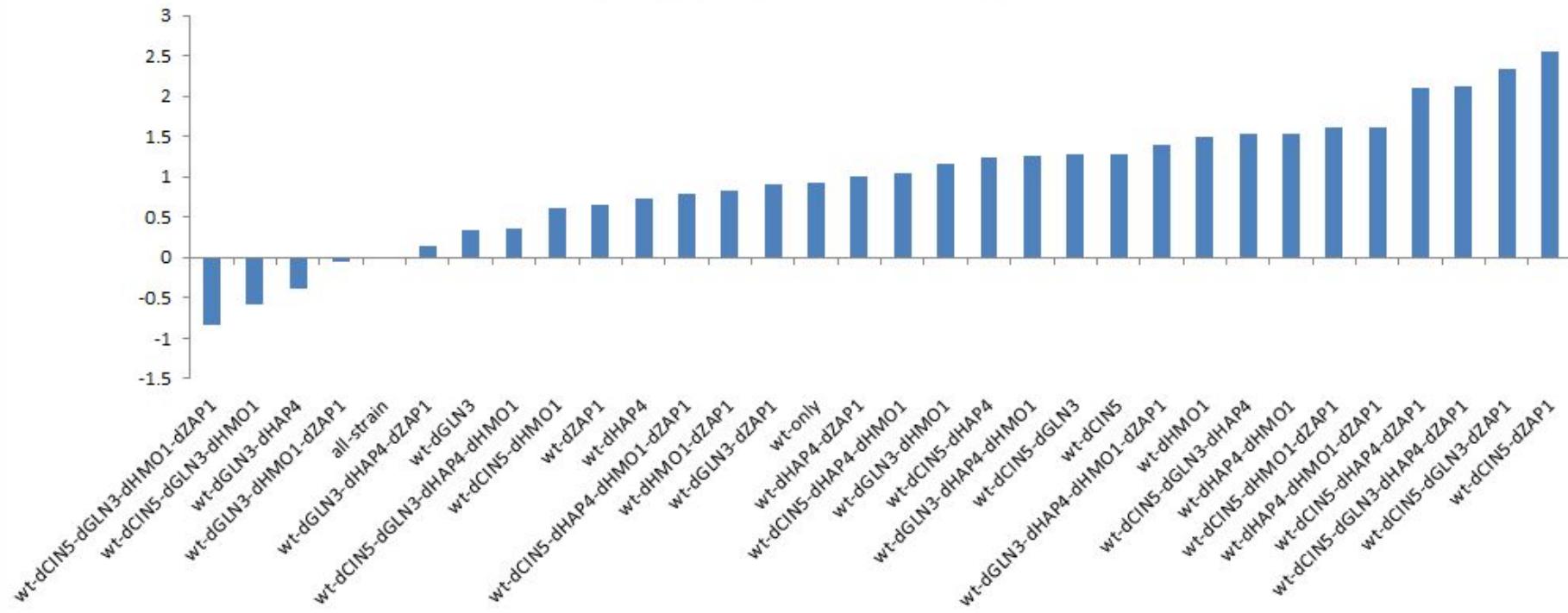
## ASH1 Log2 Production Rate Ratio



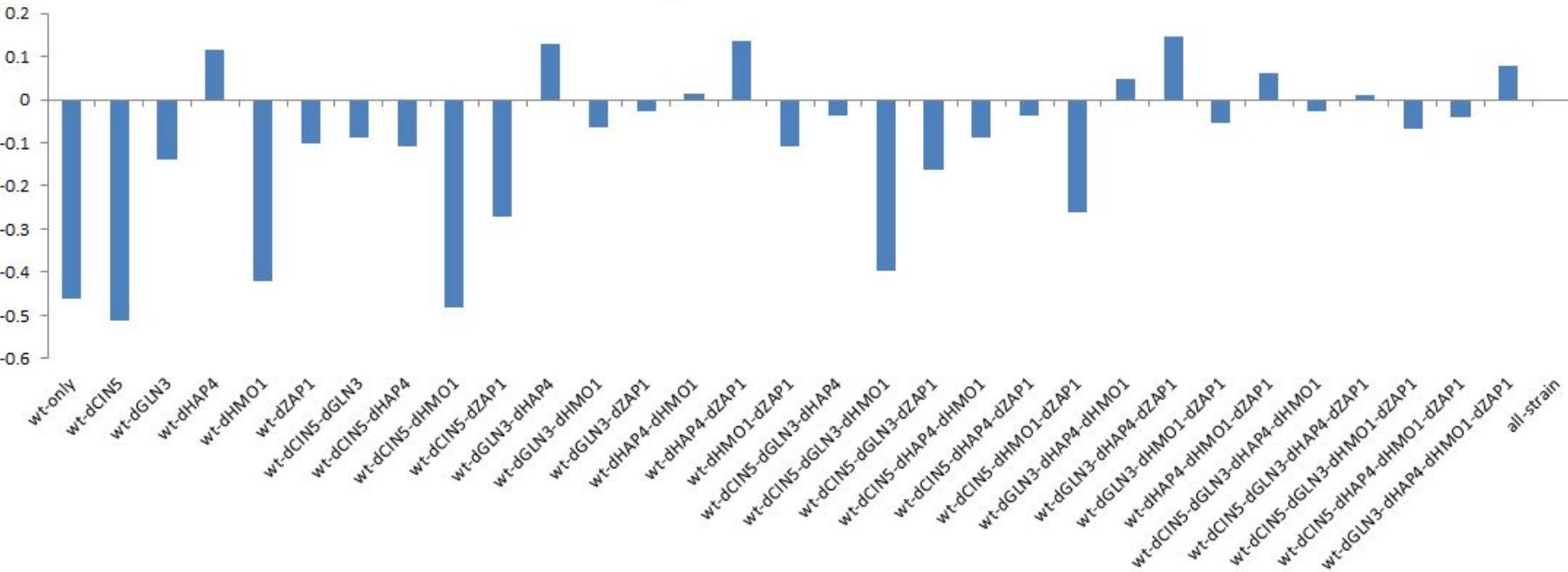
## CIN5 Log2 Production Rate Ratio



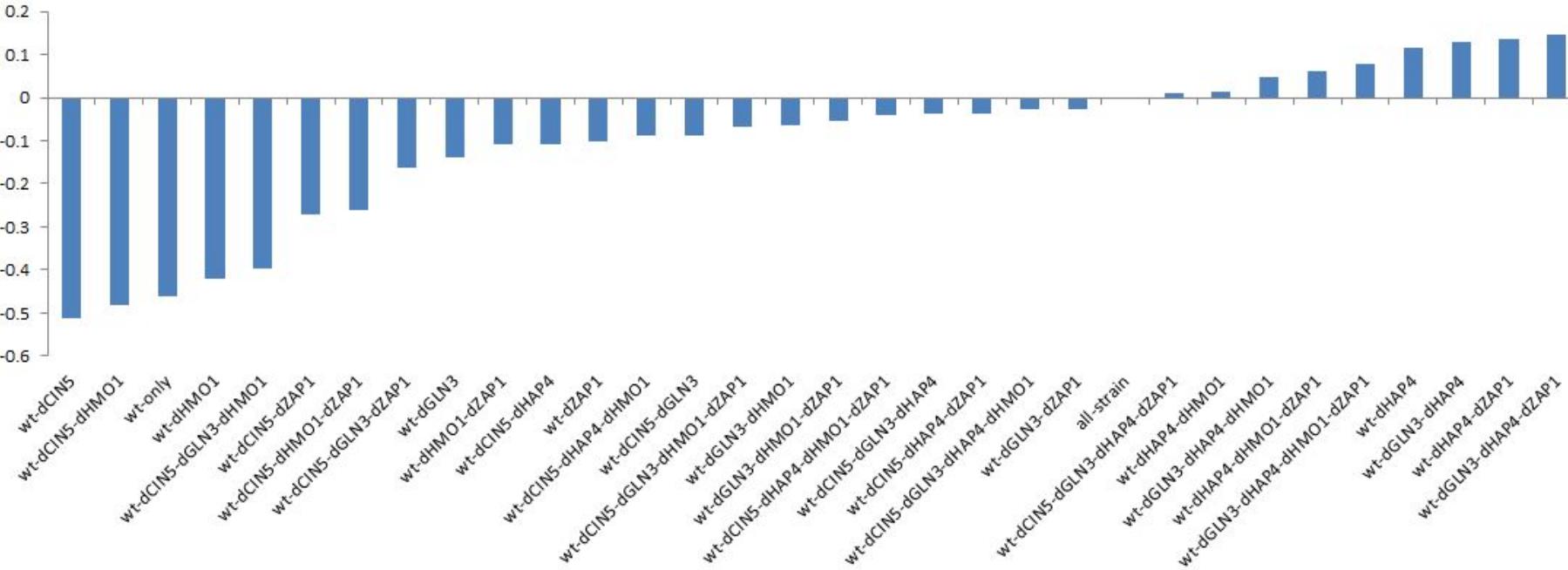
## CIN5 Log2 Production Rate Ratio



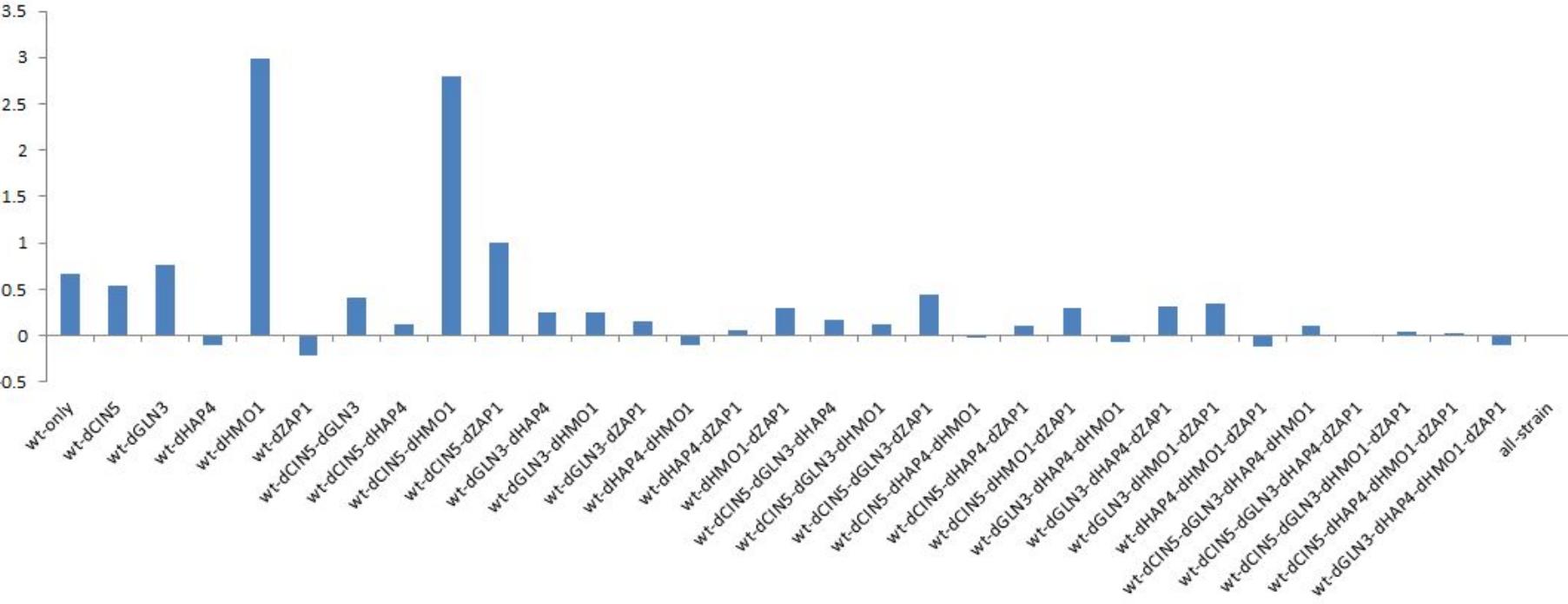
## GCR2 Log2 Production Rate Ratio



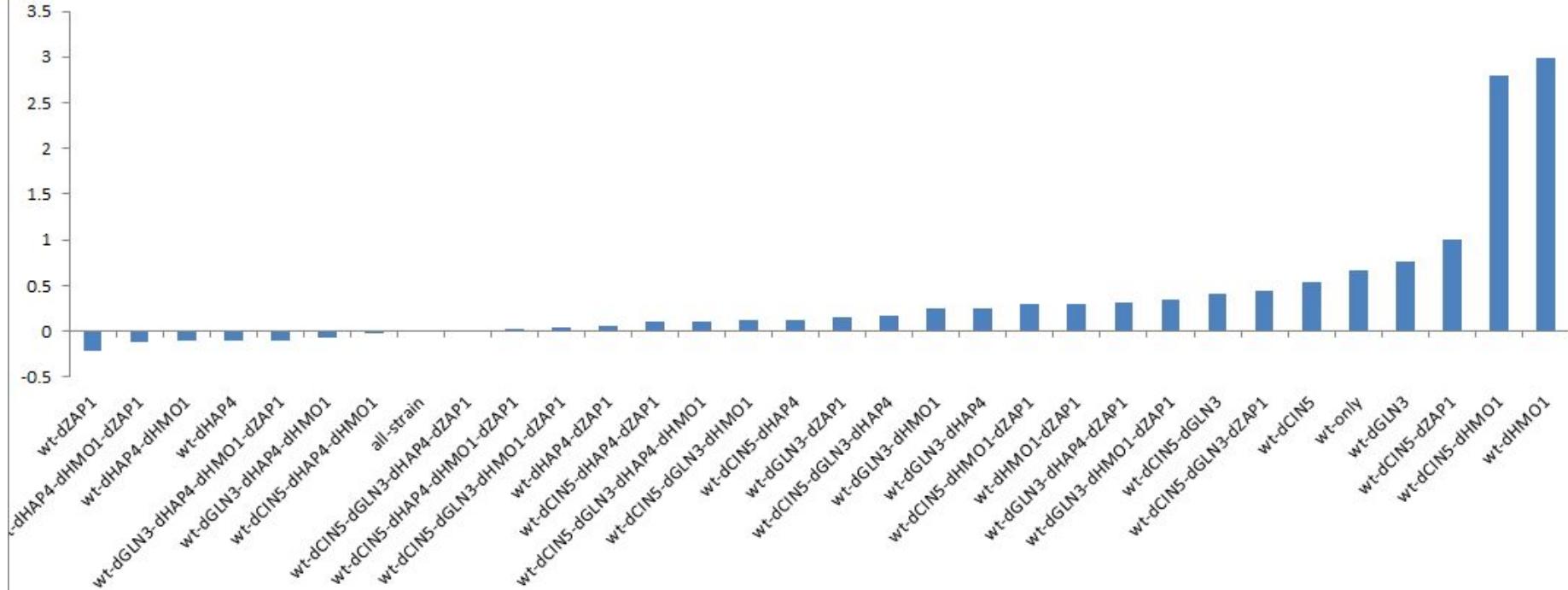
## GCR2 Log2 Production Rate Ratio



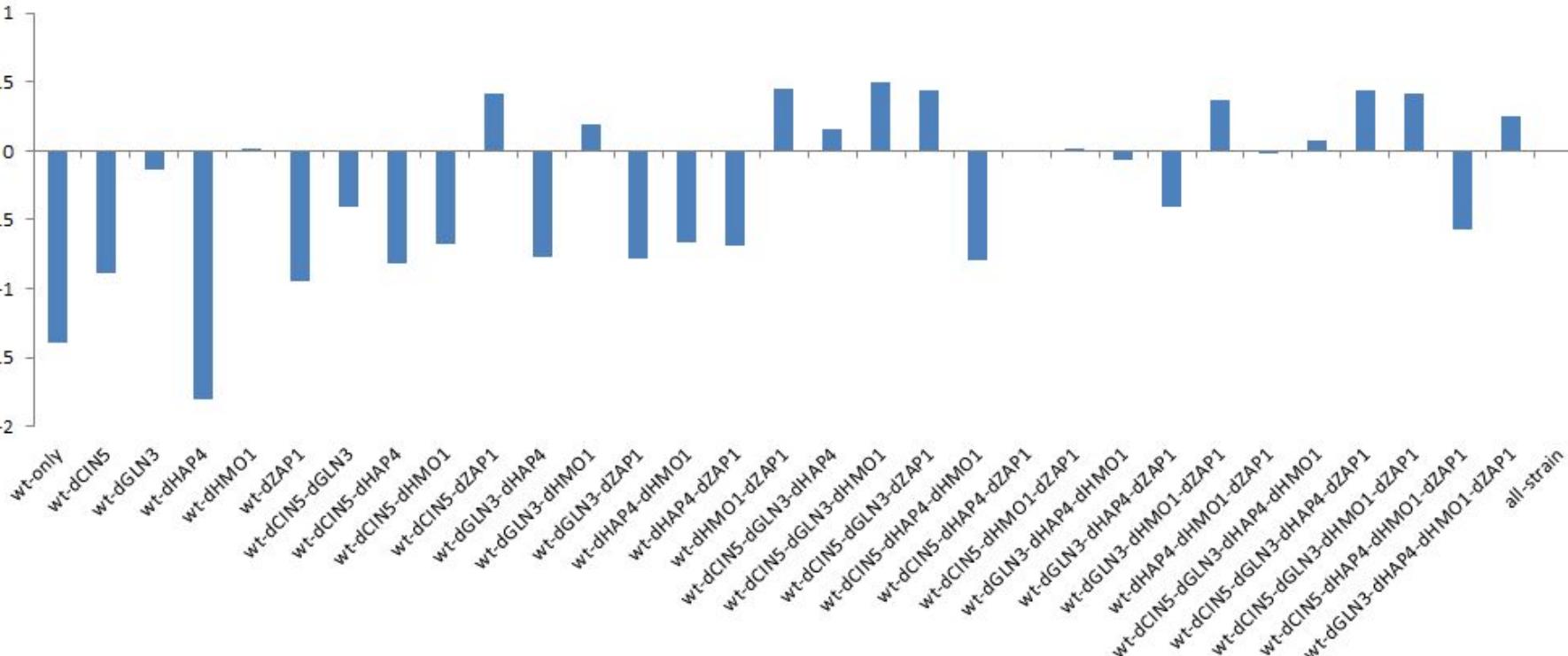
## GLN3 Log2 Production Rate Ratio



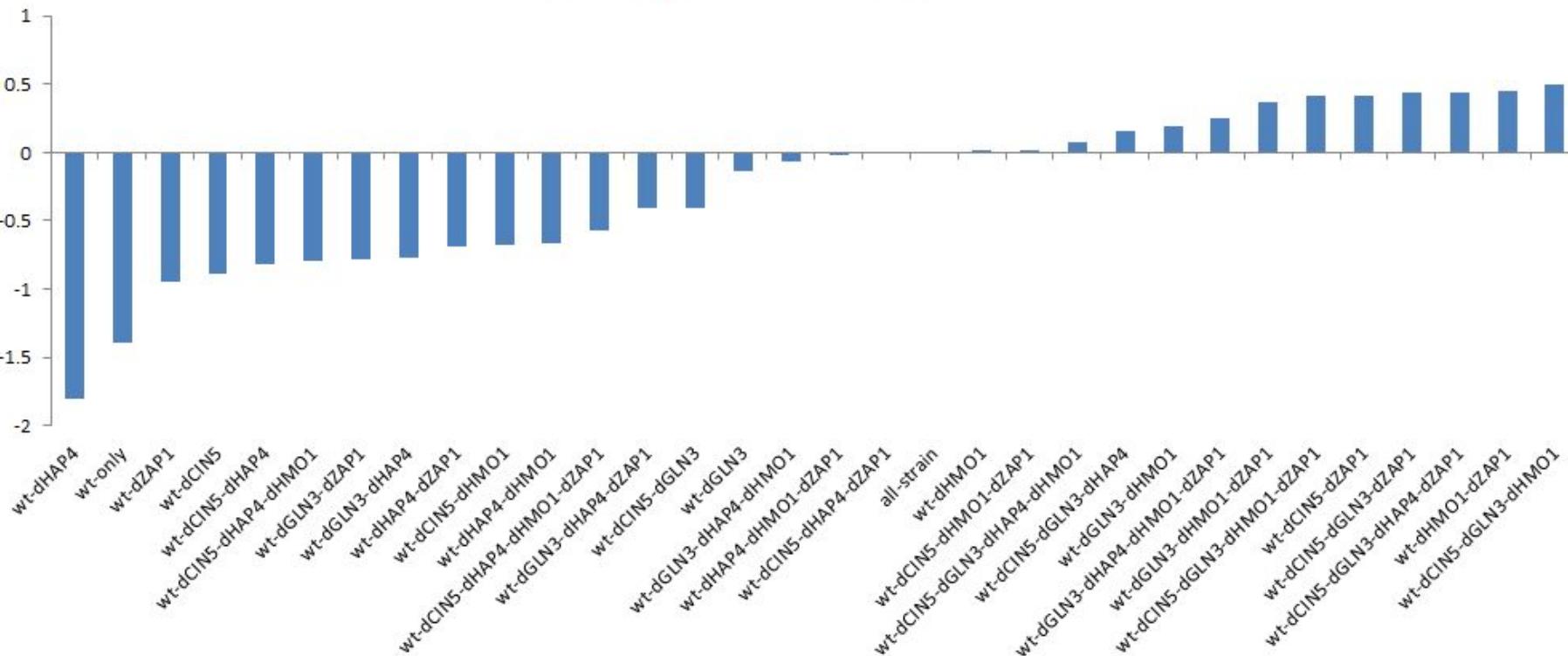
## GLN3 Log2 Production Rate Ratio



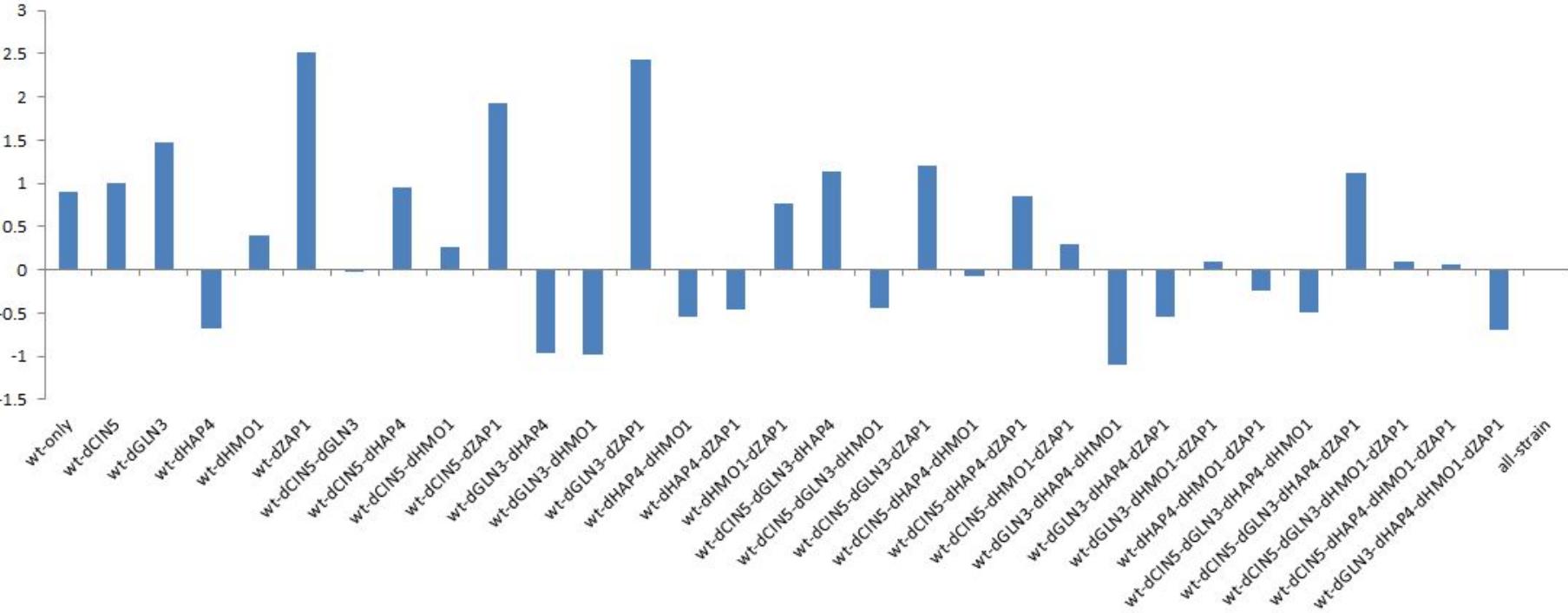
## HAP4 Log2 Production Rate Ratio



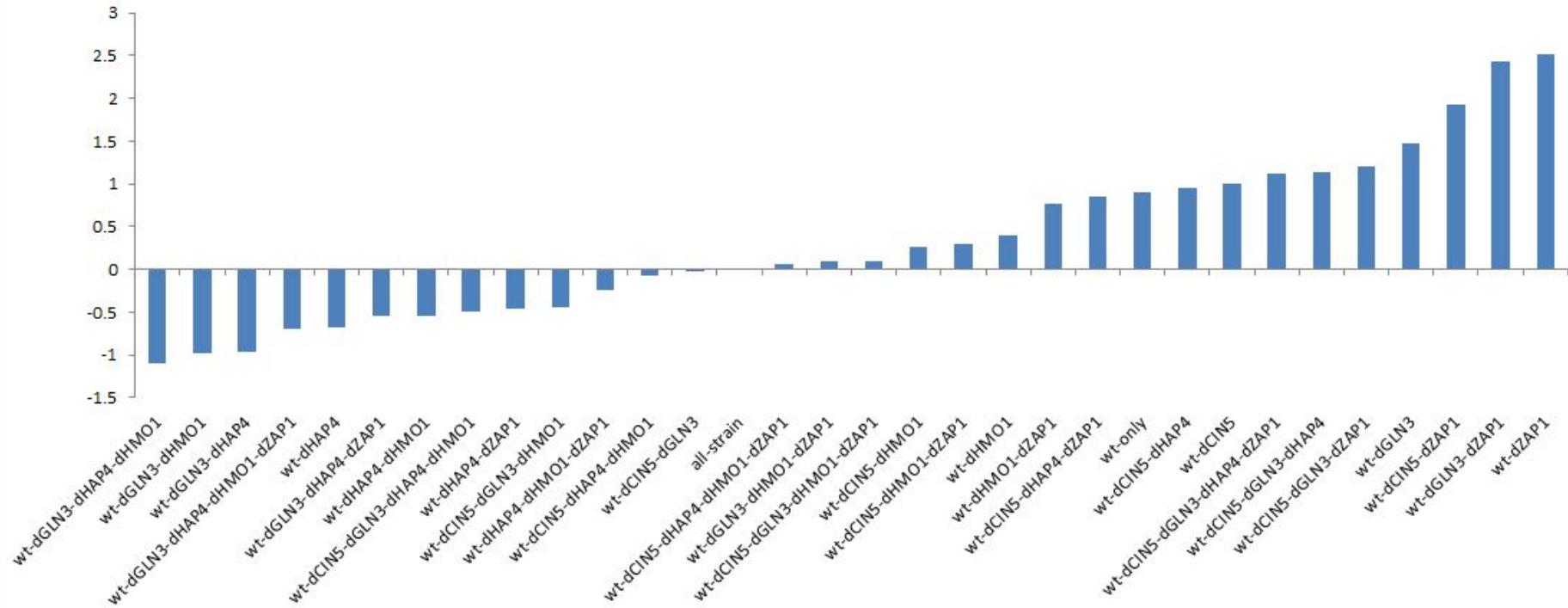
## HAP4 Log2 Production Rate Ratio



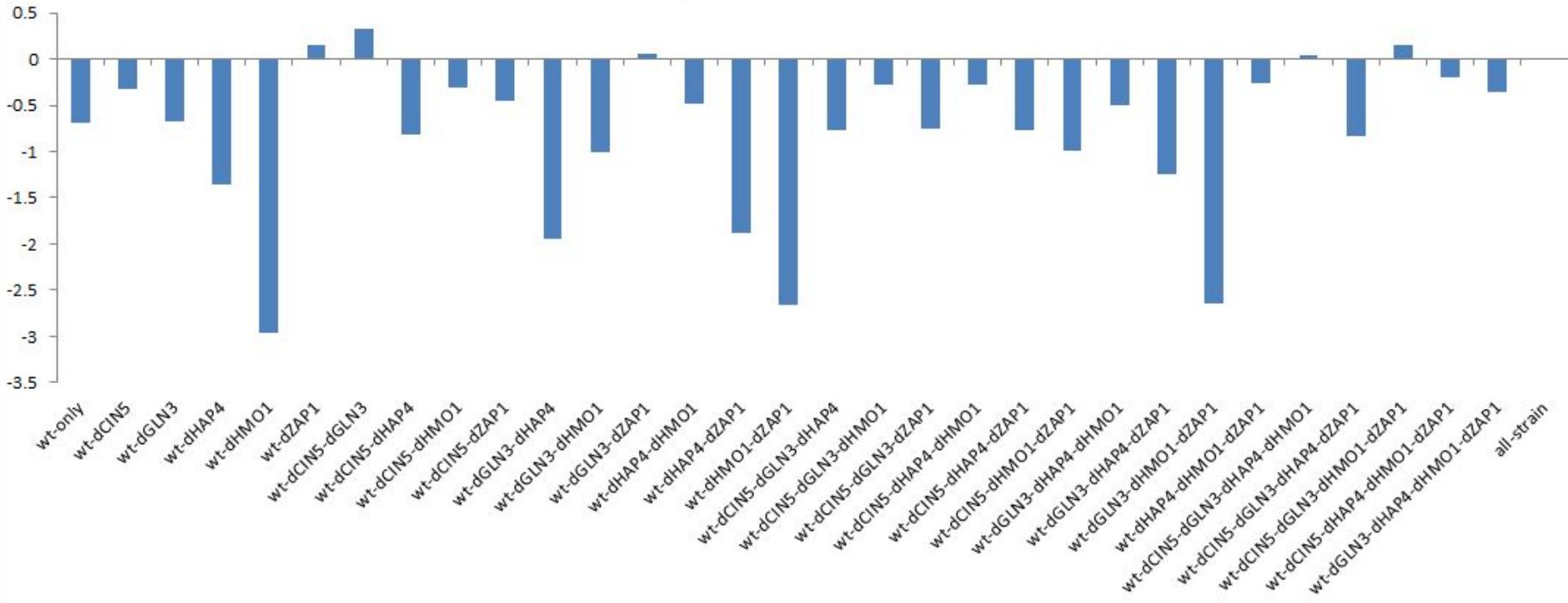
## HMO1 Log2 Production Rate Ratio



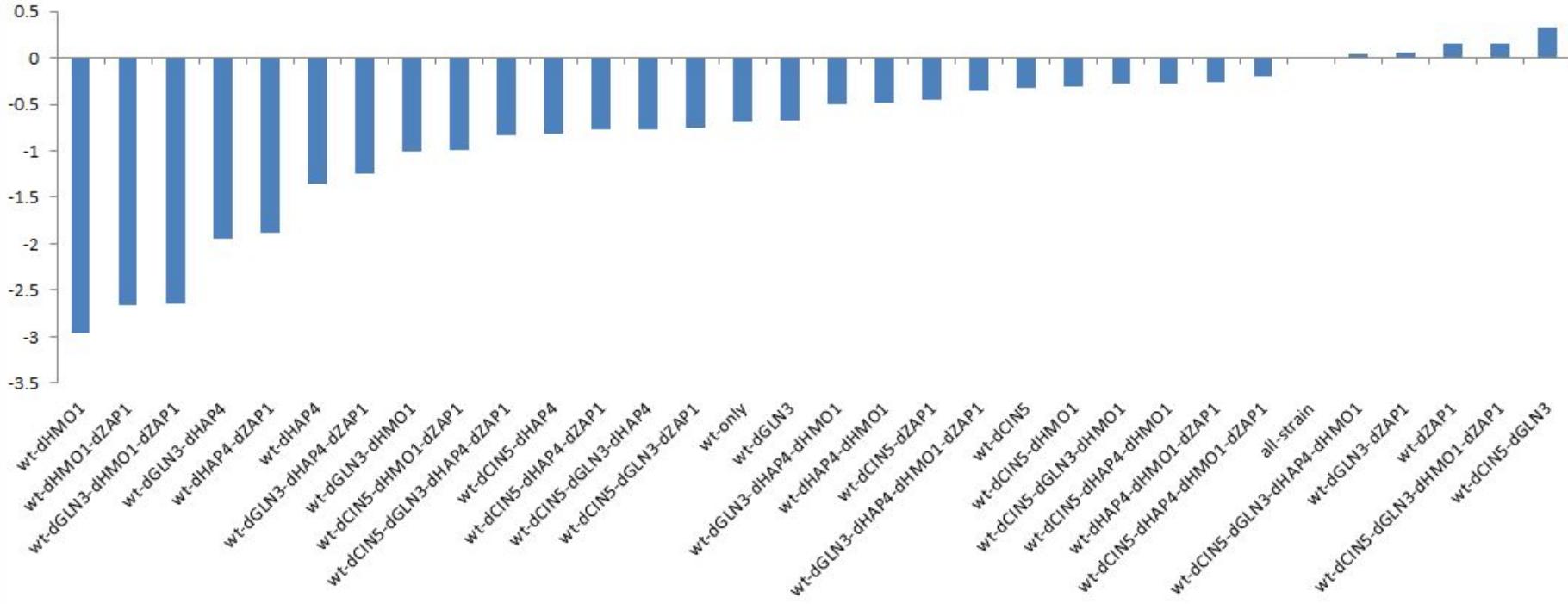
## HMO1 Log2 Production Rate Ratio



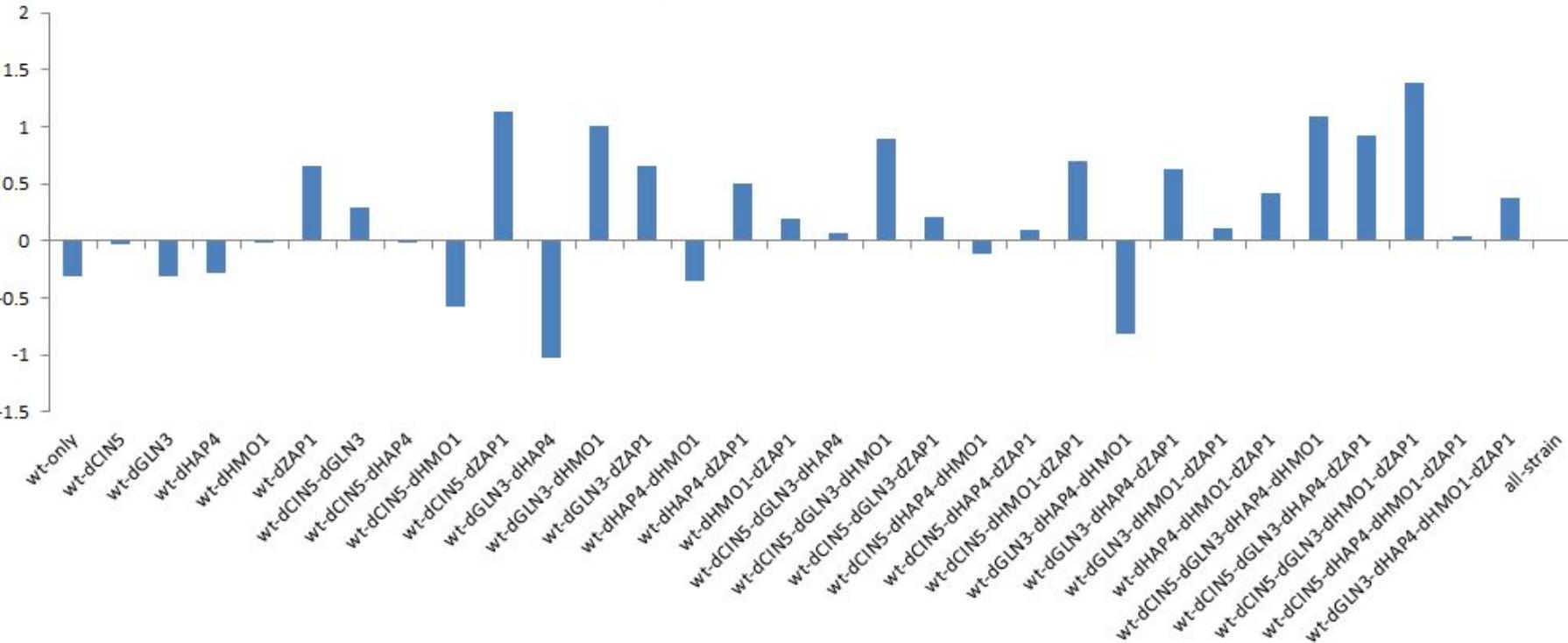
## MSN2 Log2 Production Rate Ratio



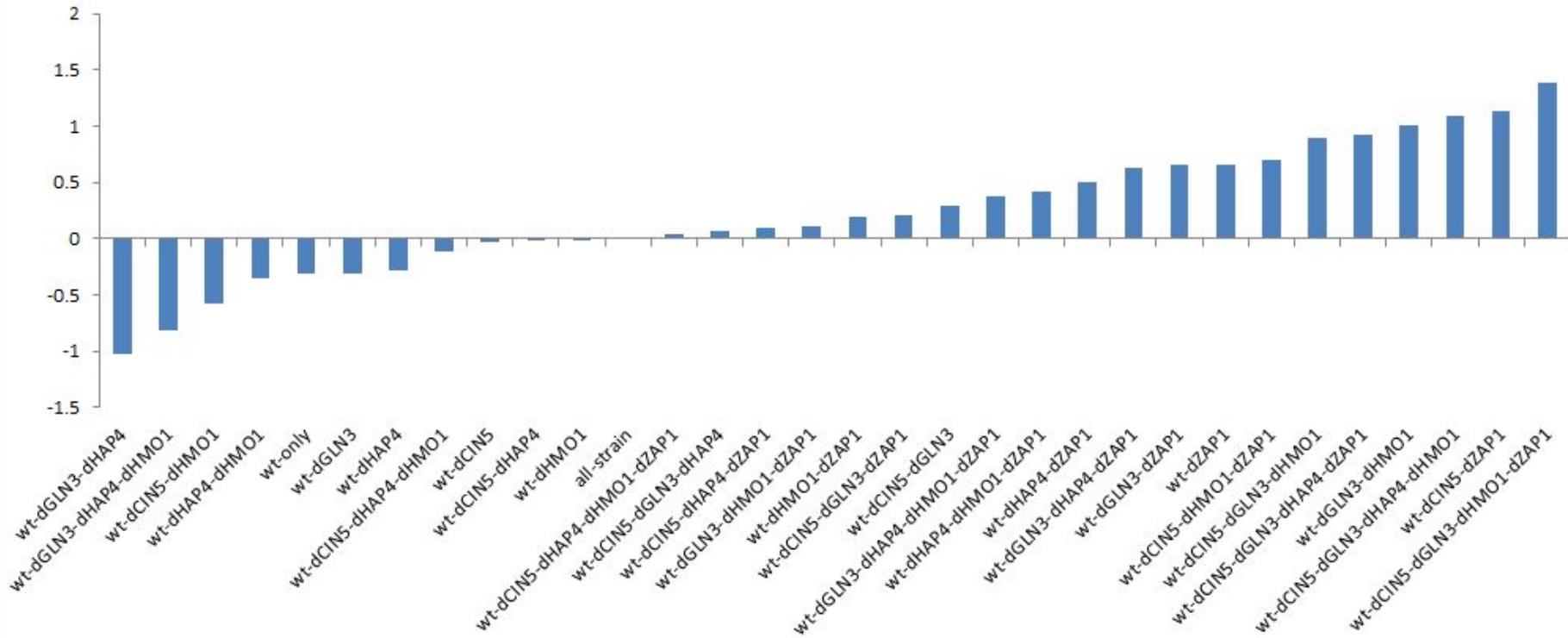
## MSN2 Log2 Production Rate Ratio



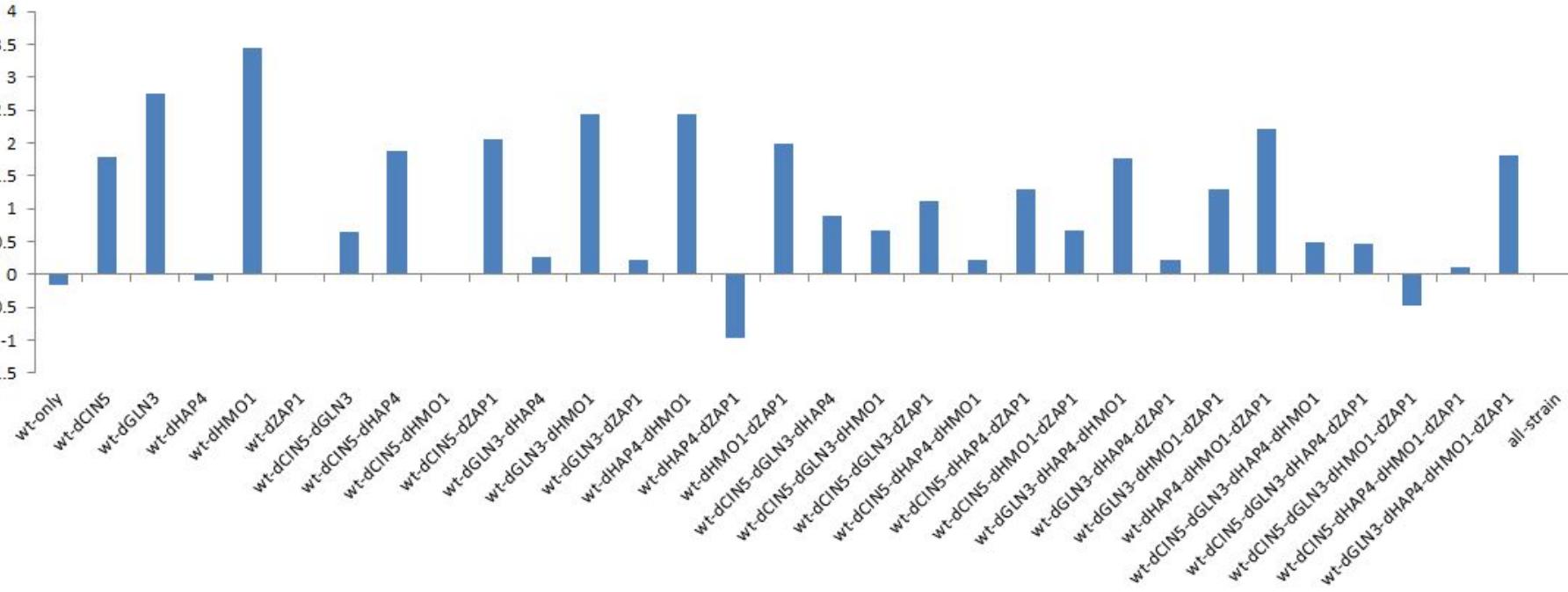
## SFP1 Log2 Production Rate Ratio



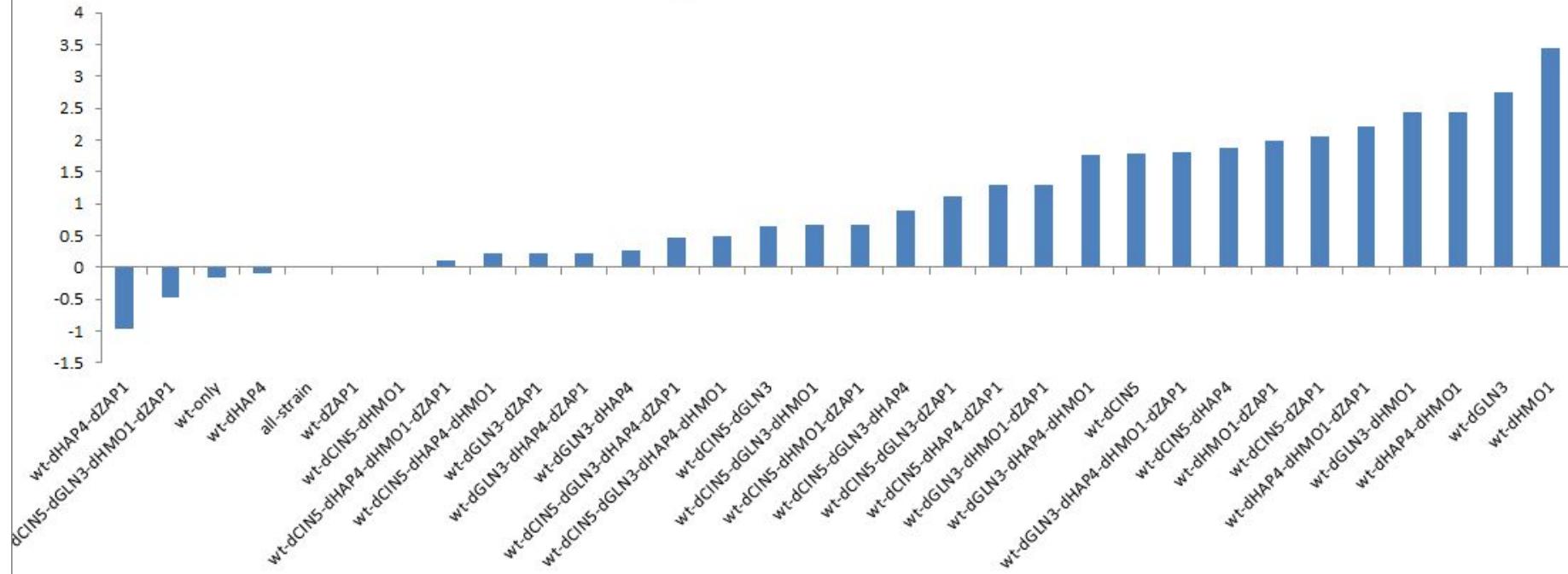
## SFP1 Log2 Production Rate Ratio



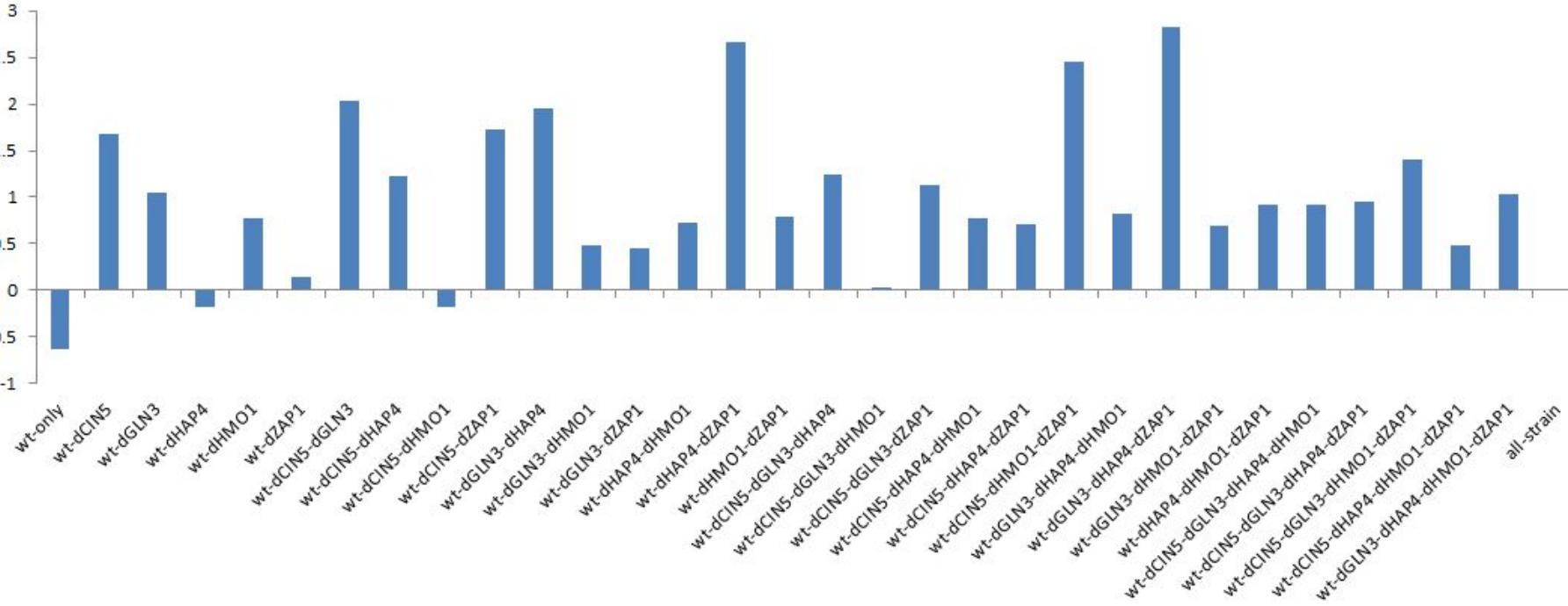
## STB5 Log2 Production Rate Ratio



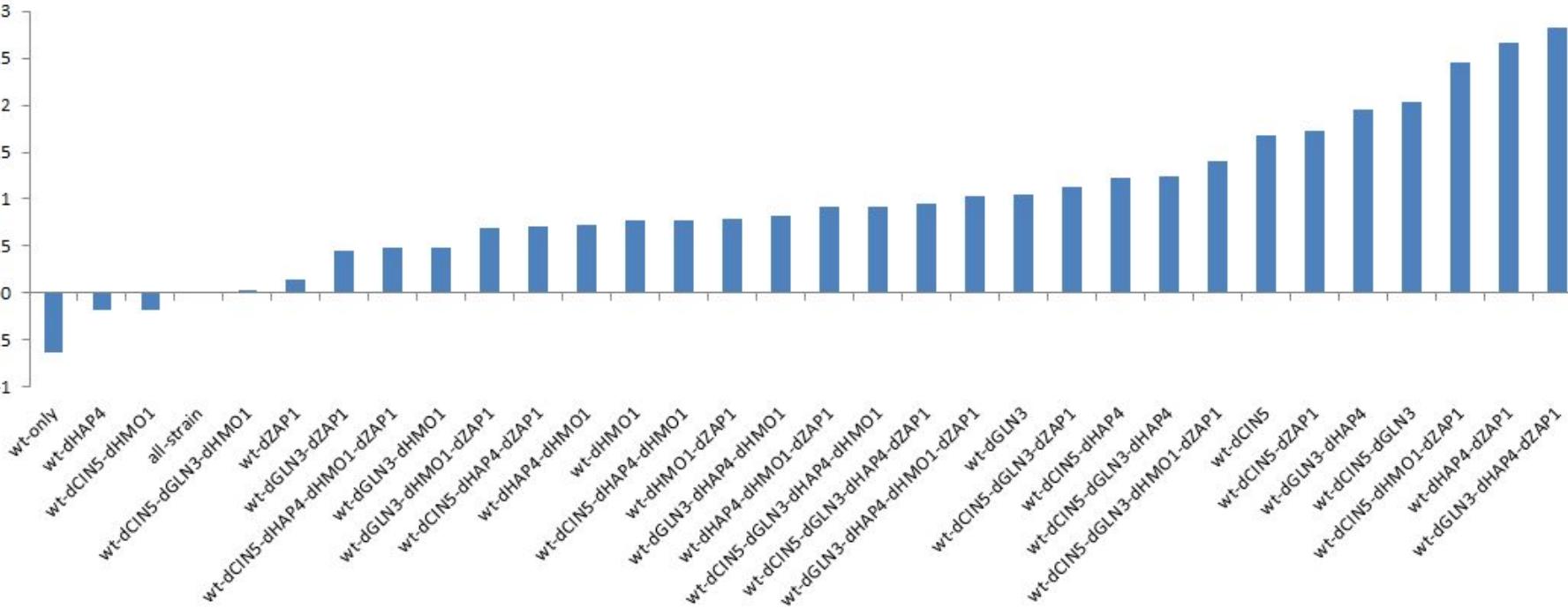
## STB5 Log2 Production Rate Ratio



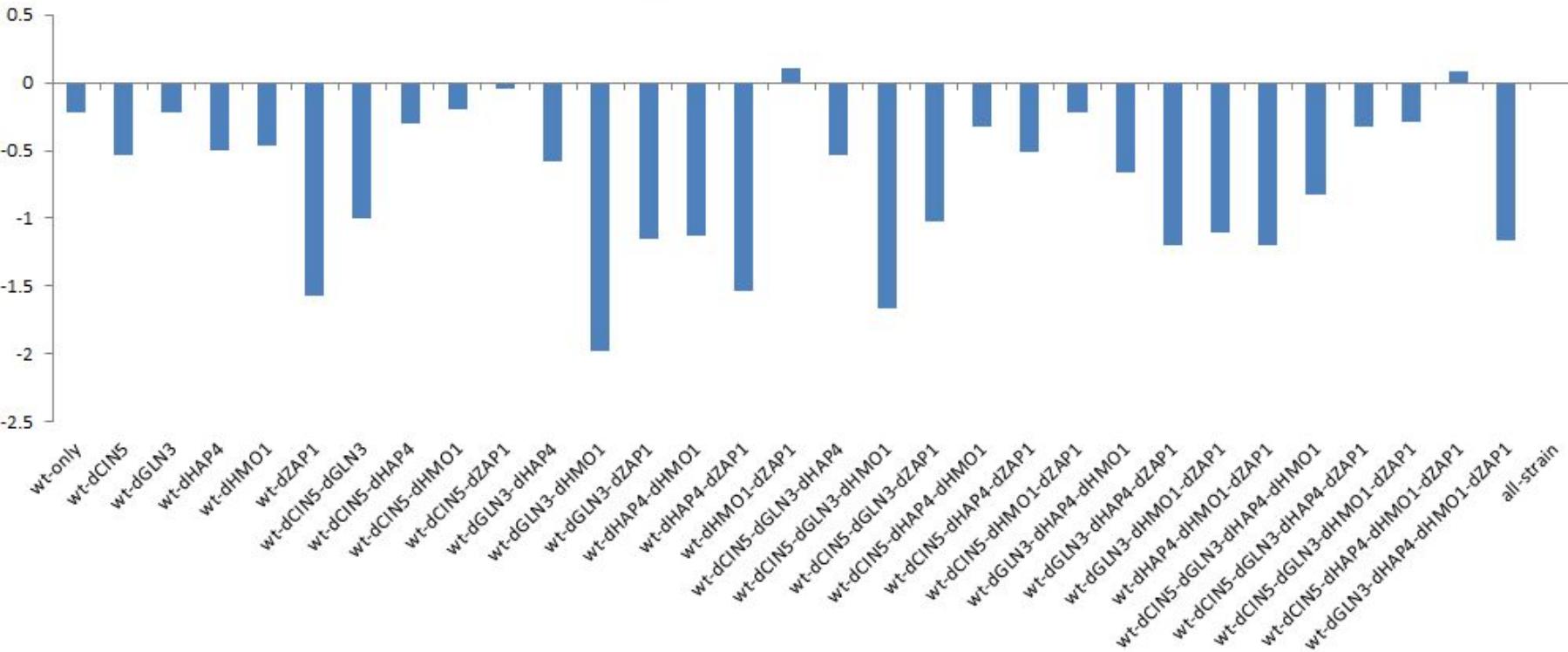
## SWI4 Log2 Production Rate Ratio



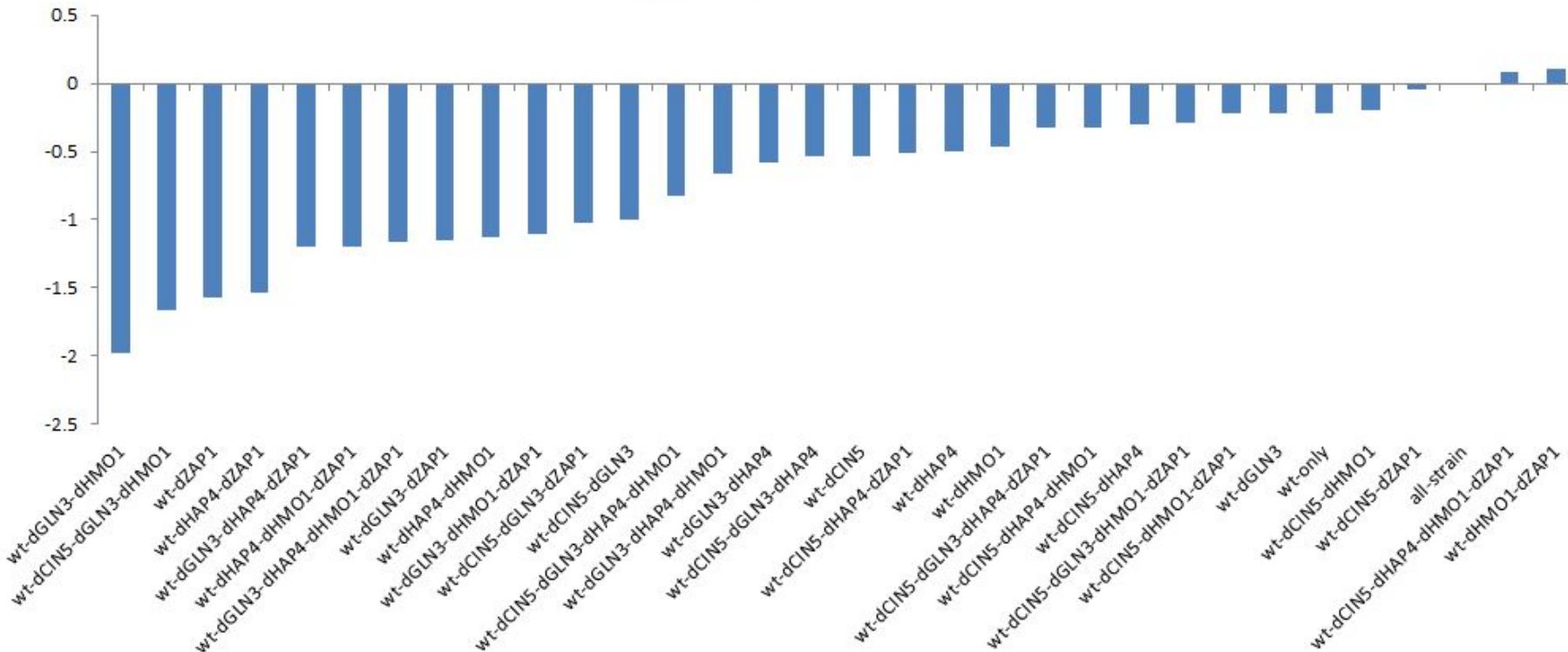
## SWI4 Log2 Production Rate Ratio



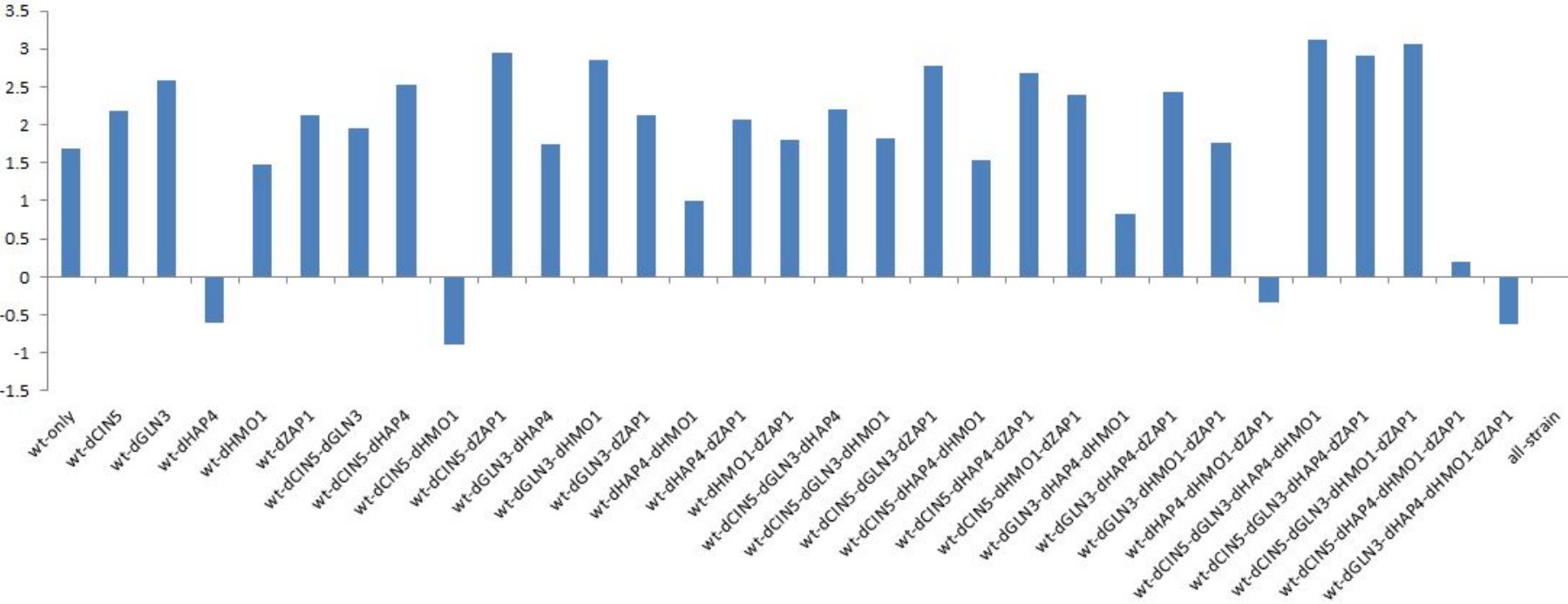
## SWI5 Log2 Production Rate Ratio



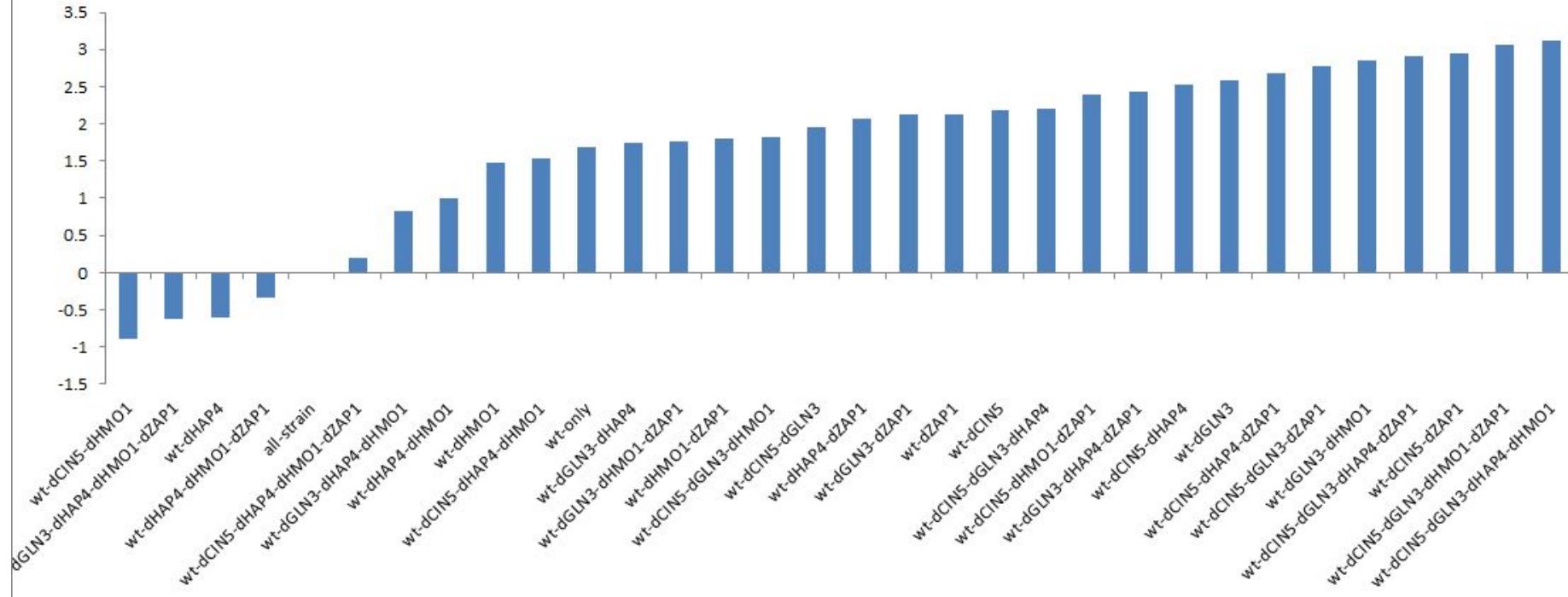
## SWI5 Log2 Production Rate Ratio



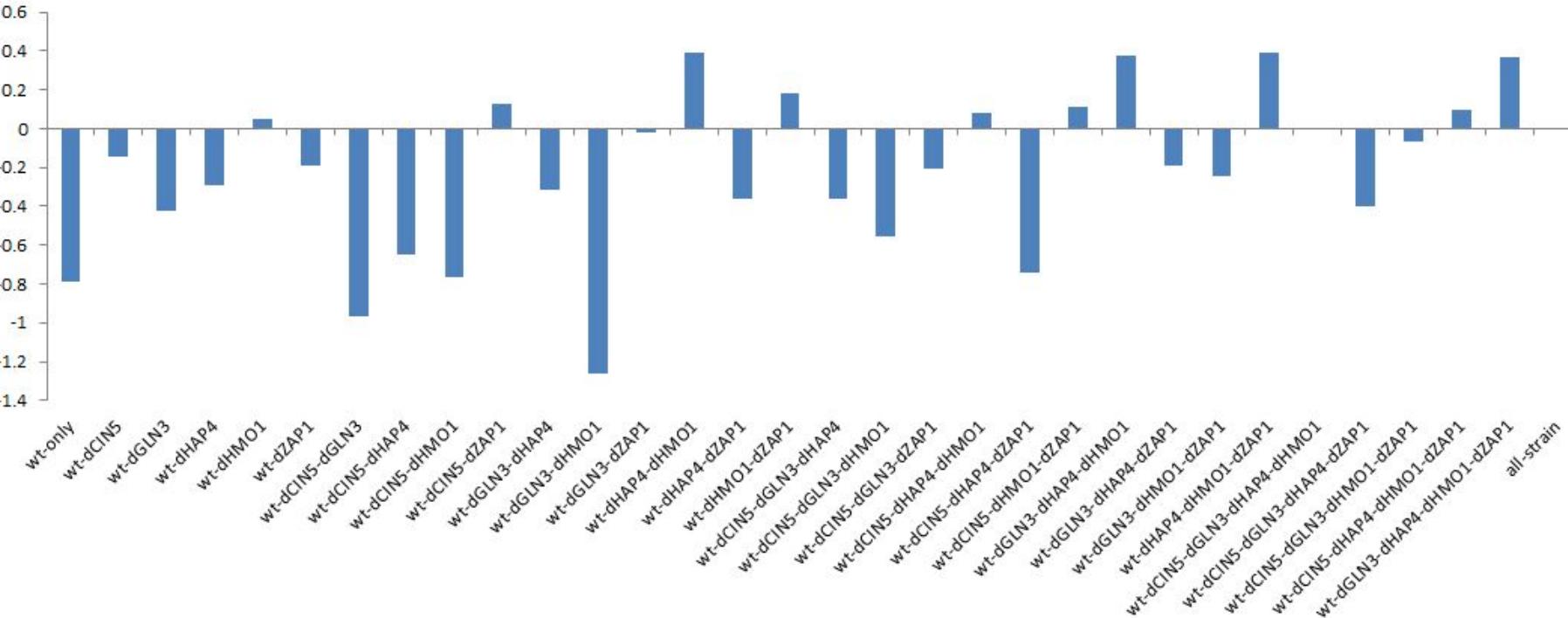
## YHP1 Log2 Production Rate Ratio



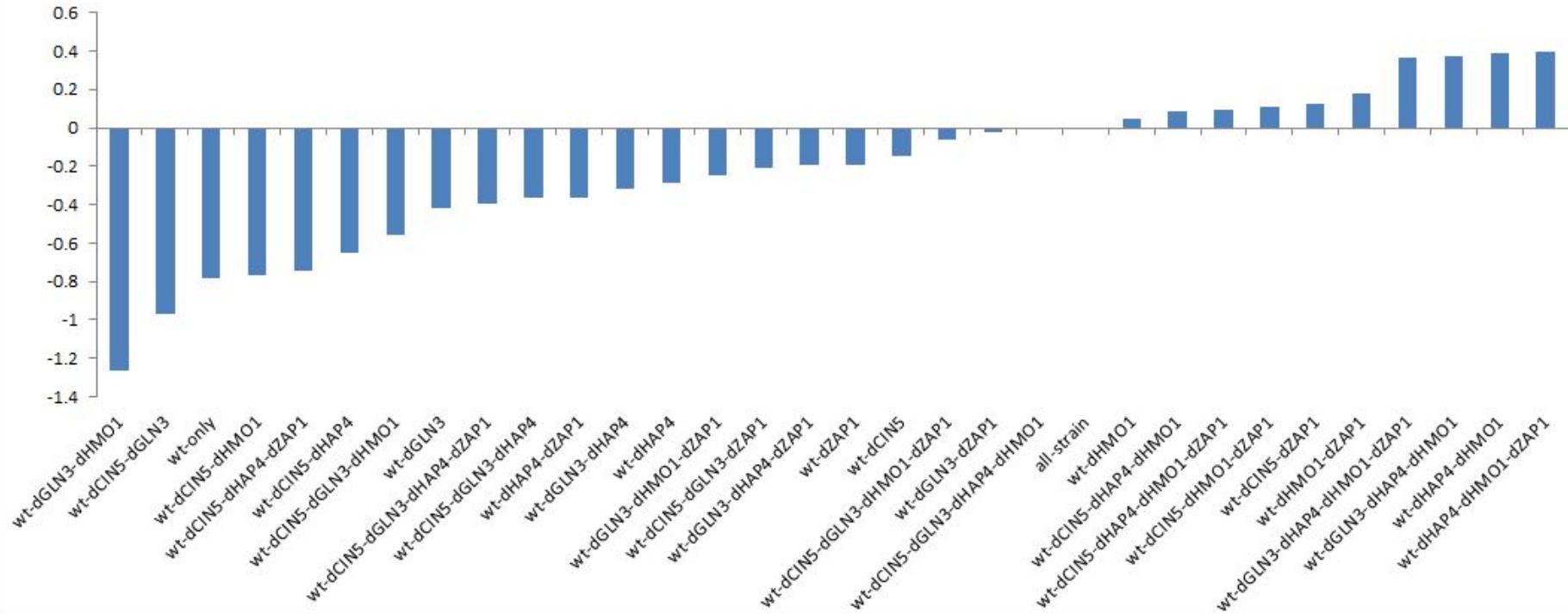
## YHP1 Log2 Production Rate Ratio



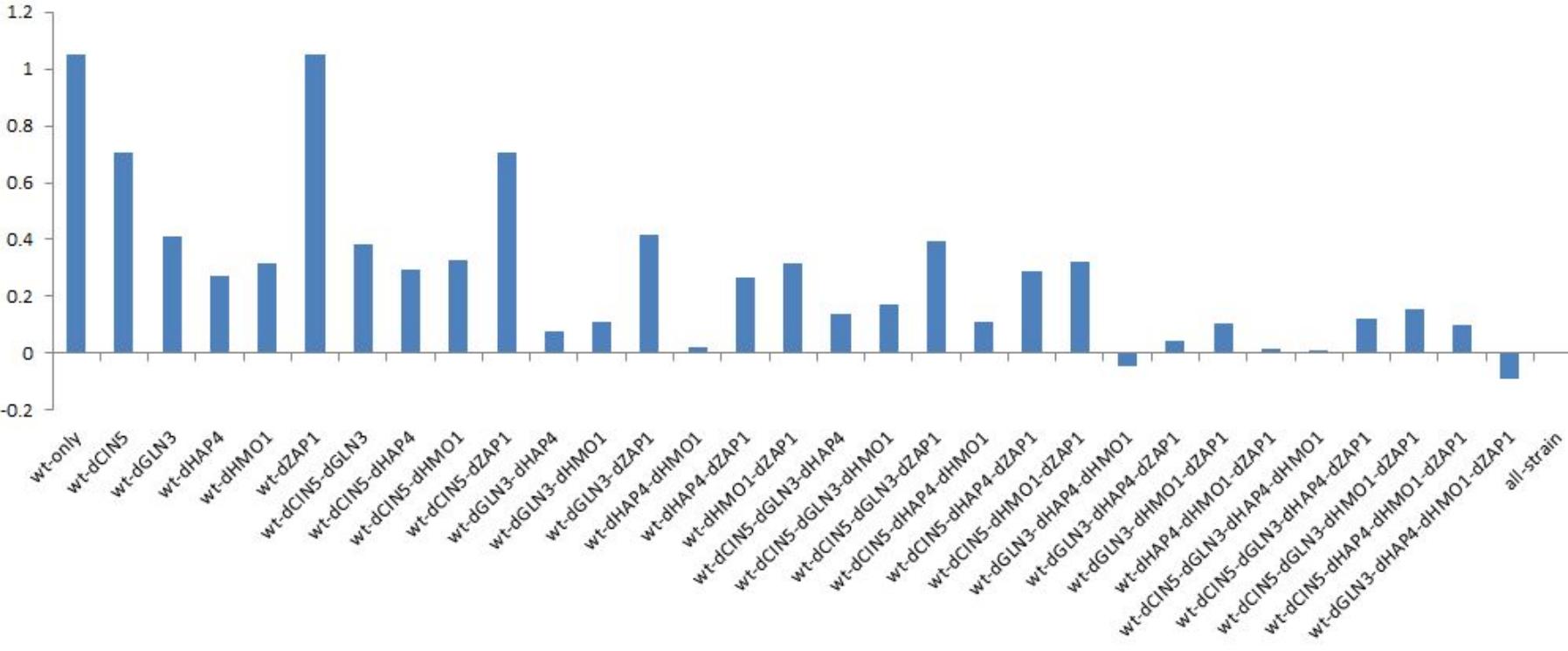
## YOX1 Log2 Production Rate Ratio



## YOX1 Log2 Production Rate Ratio



## ZAP1 Log2 Production Rate Ratio



## ZAP1 Log2 Production Rate Ratio

