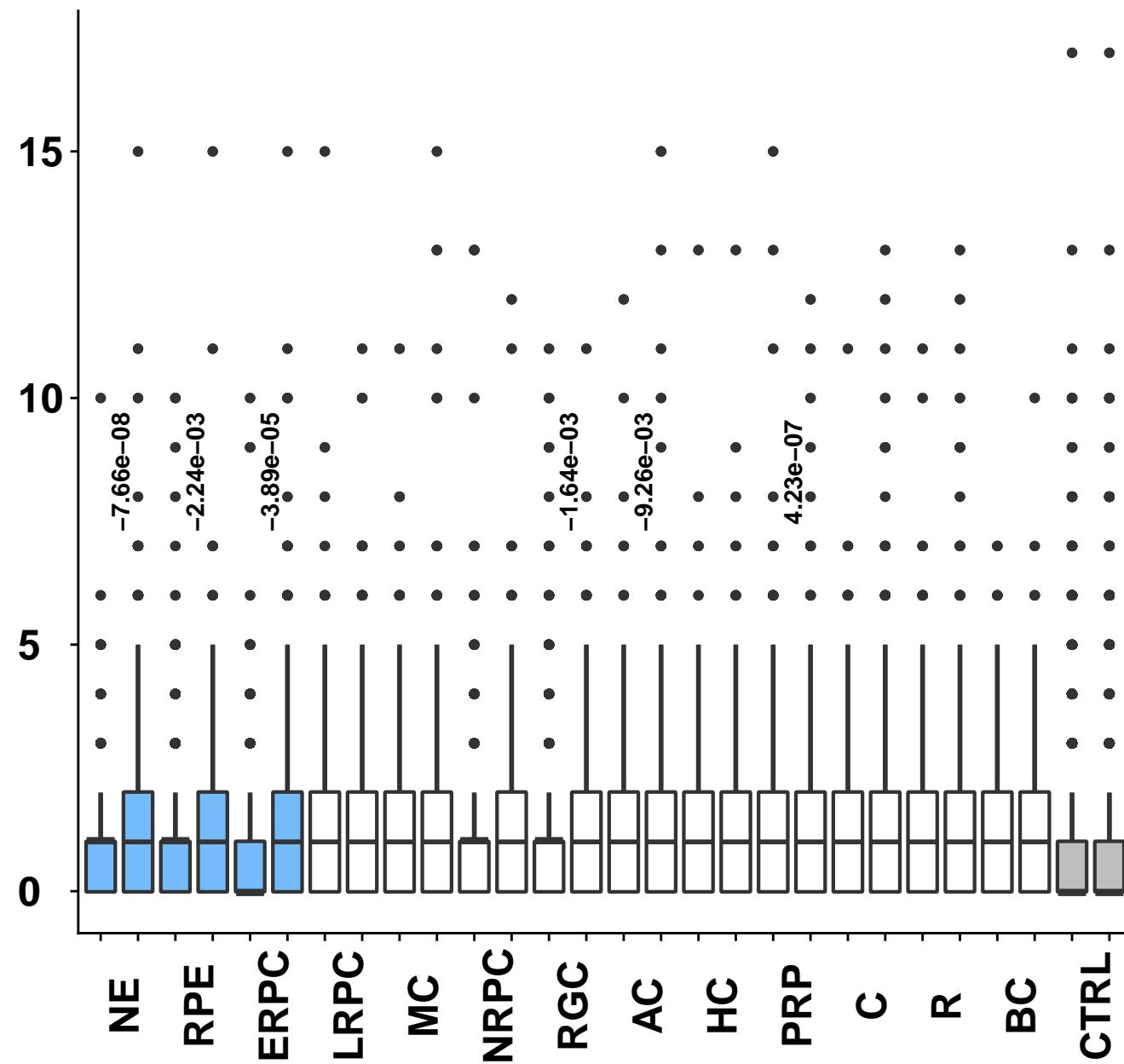
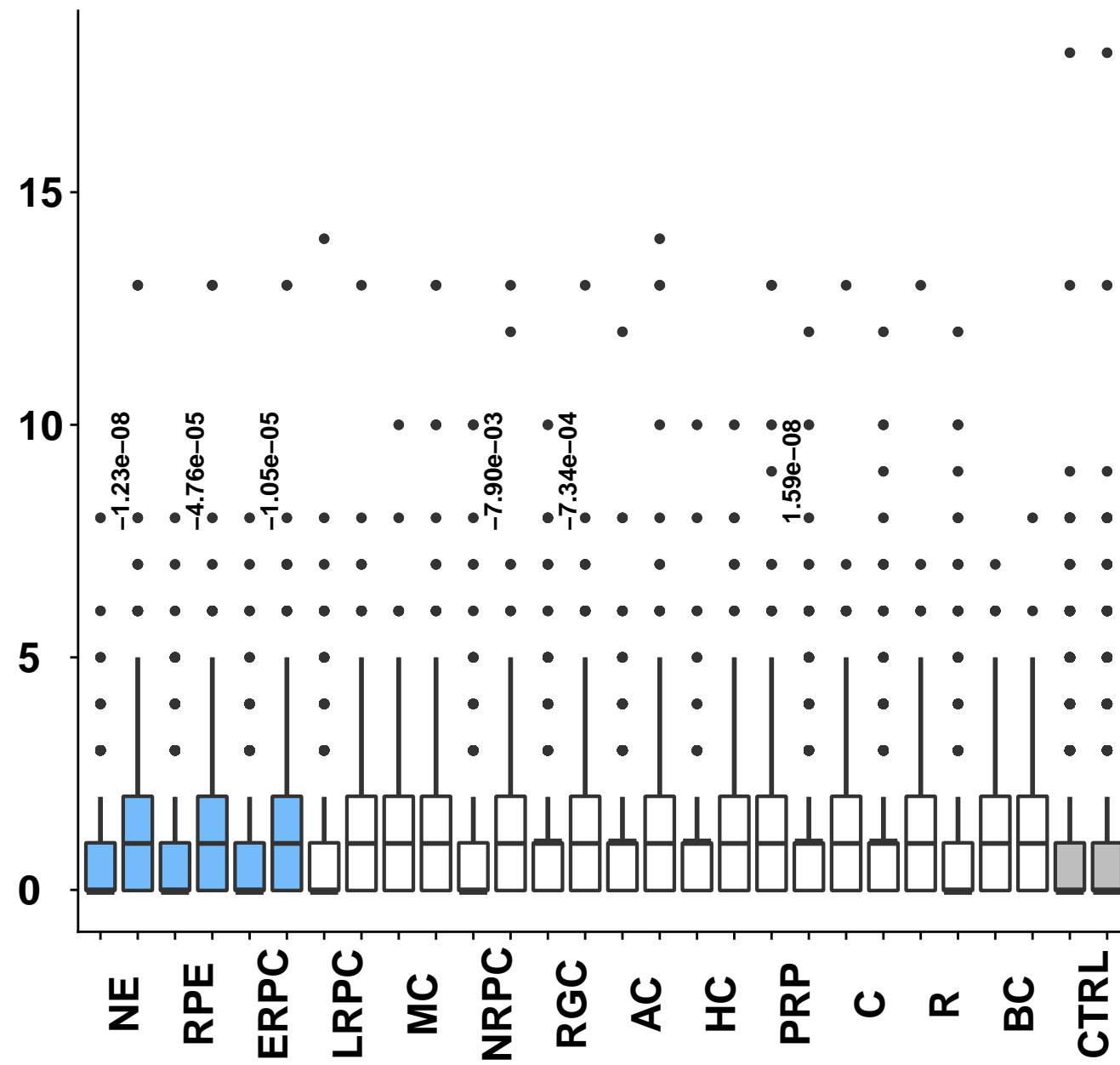


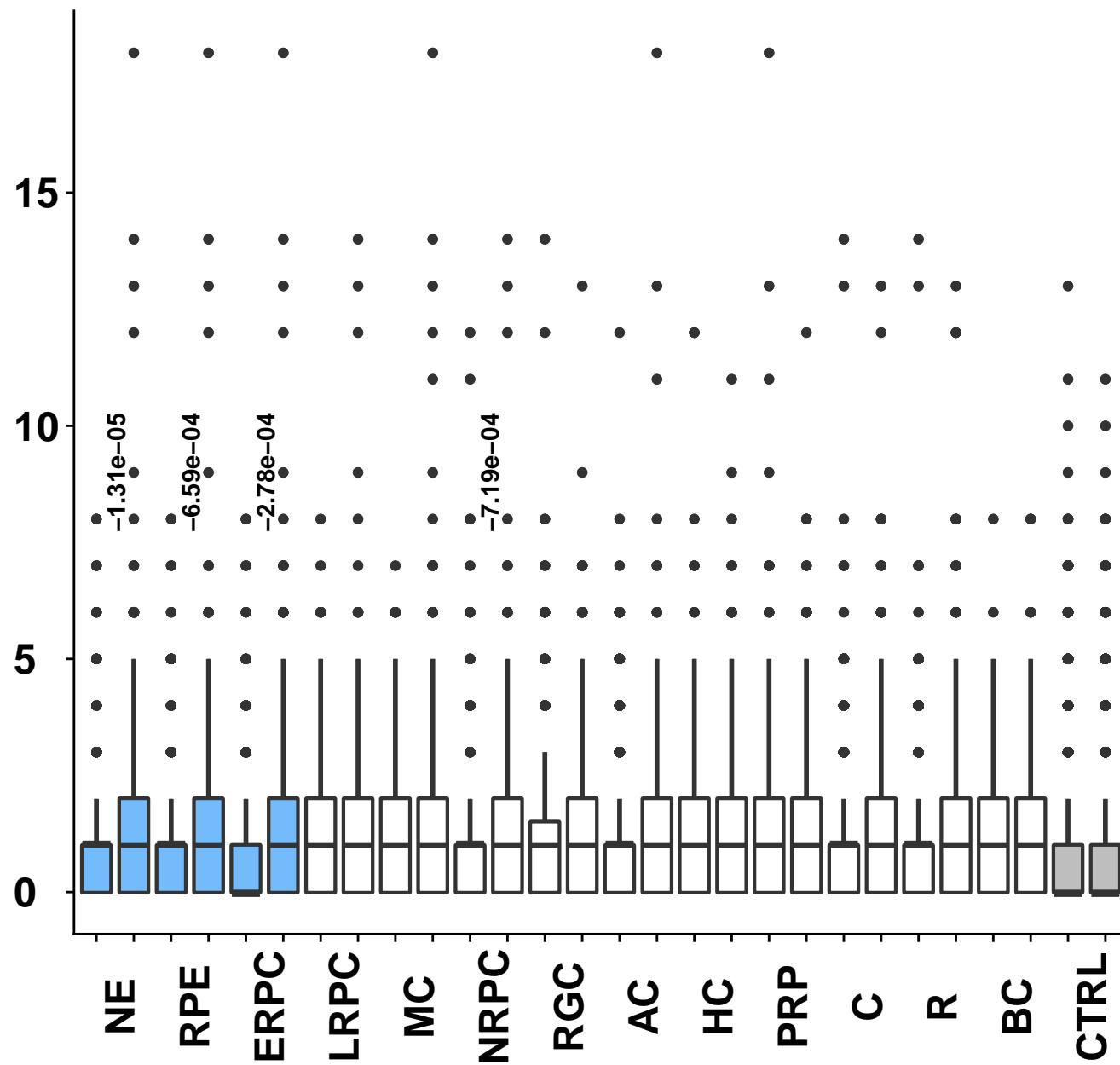
## Nr2f1\_1\_total



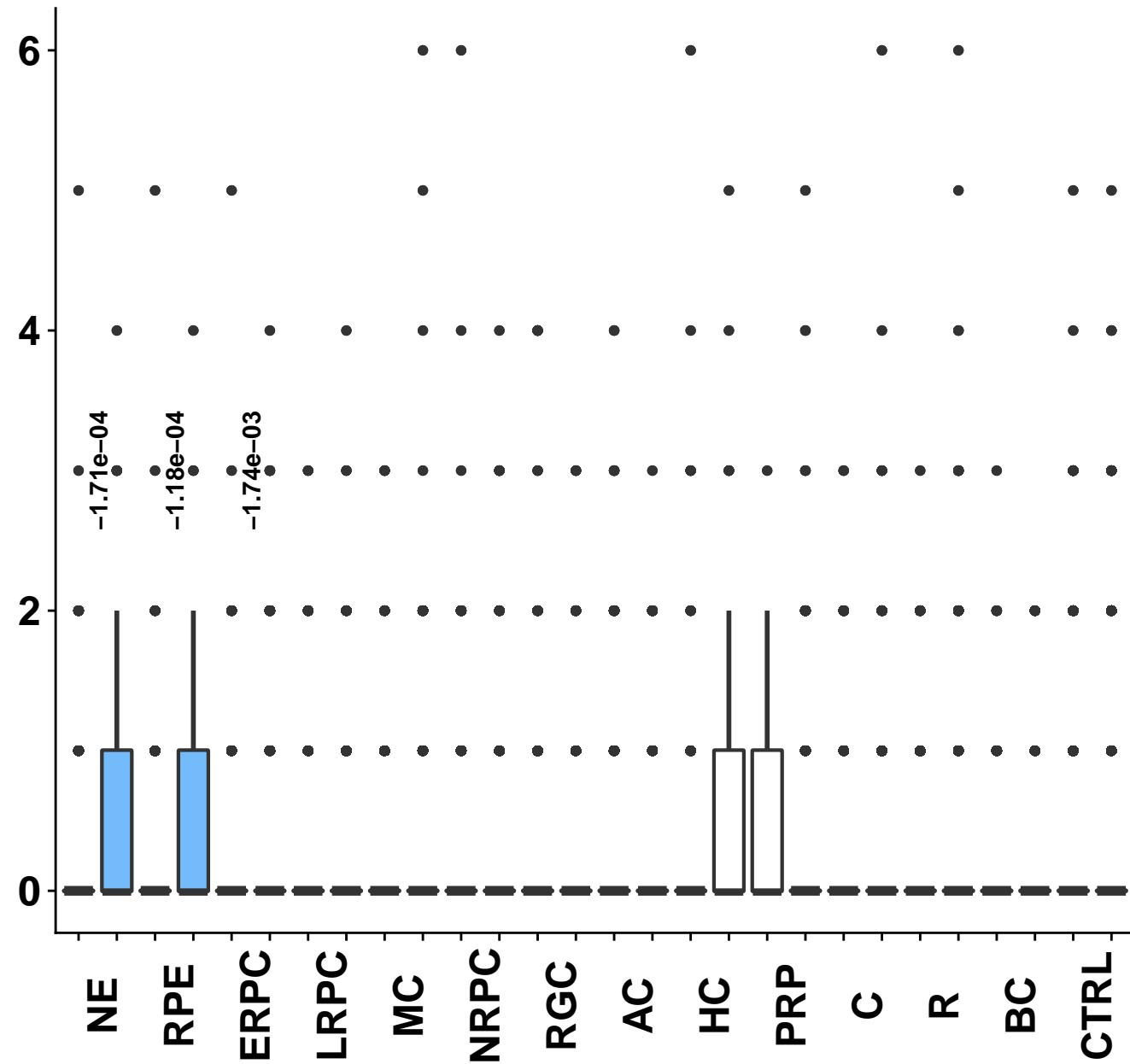
## Nr2f1\_2\_total



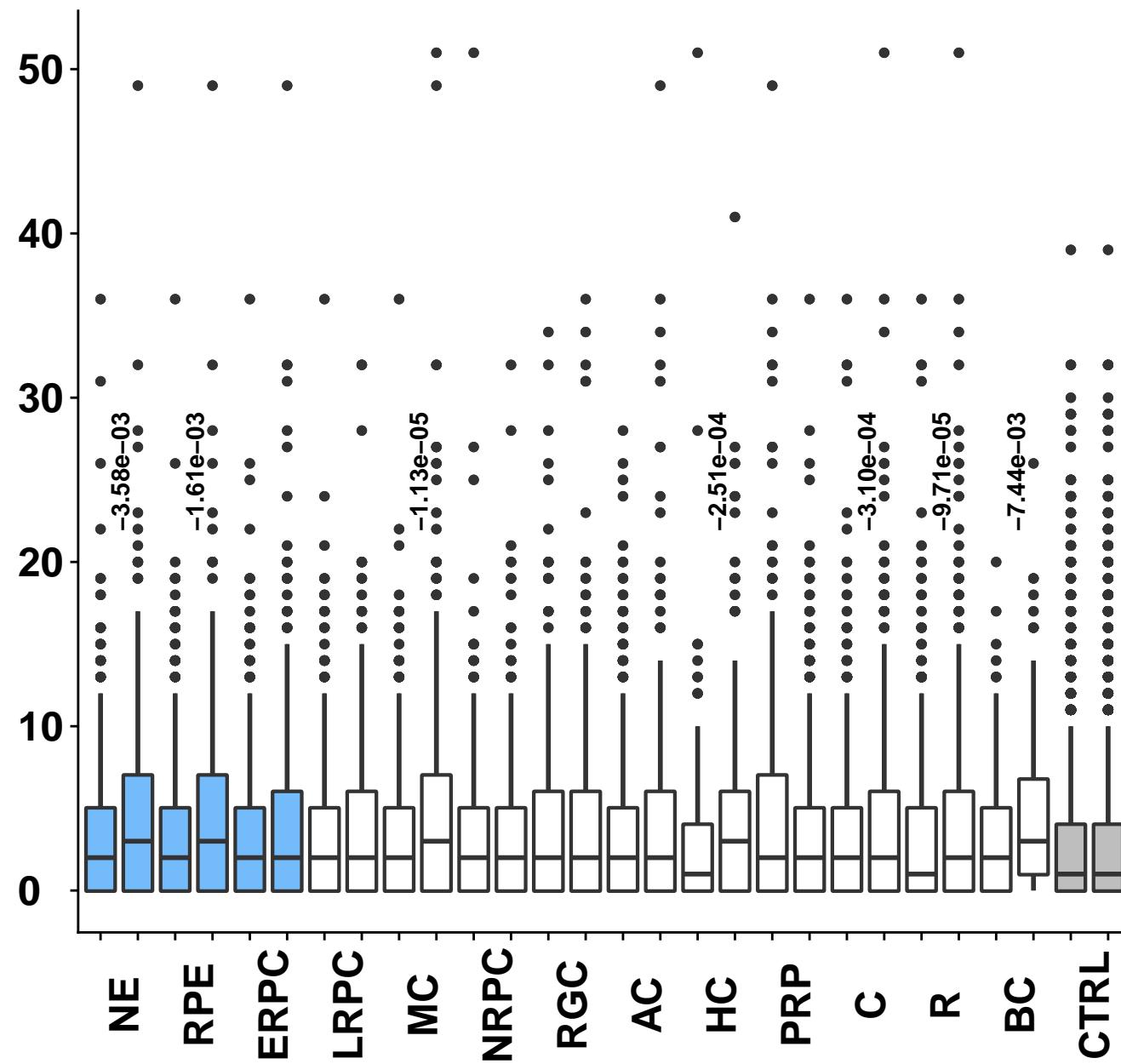
## Zic1\_1\_total



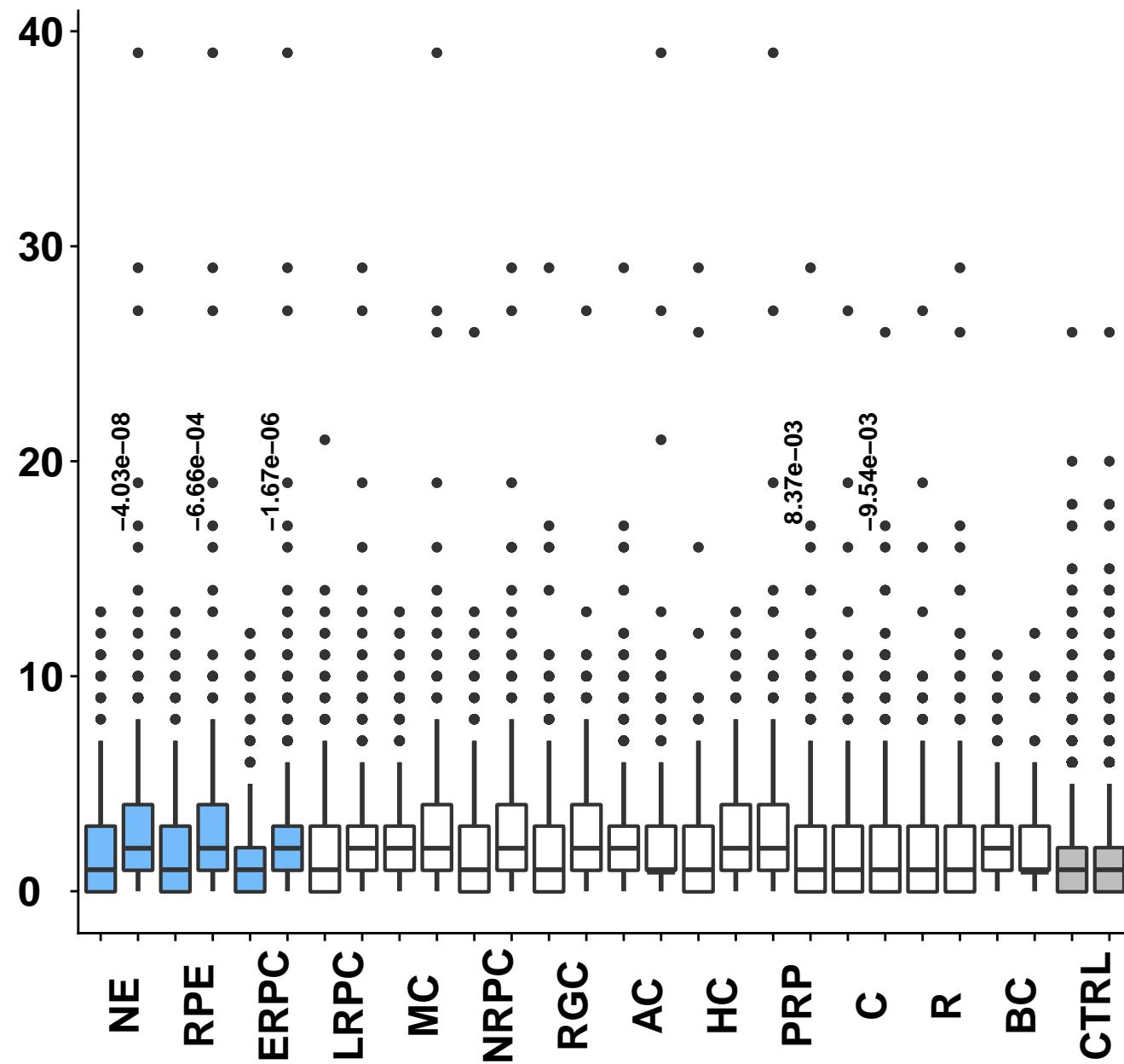
## Zic1\_2\_total



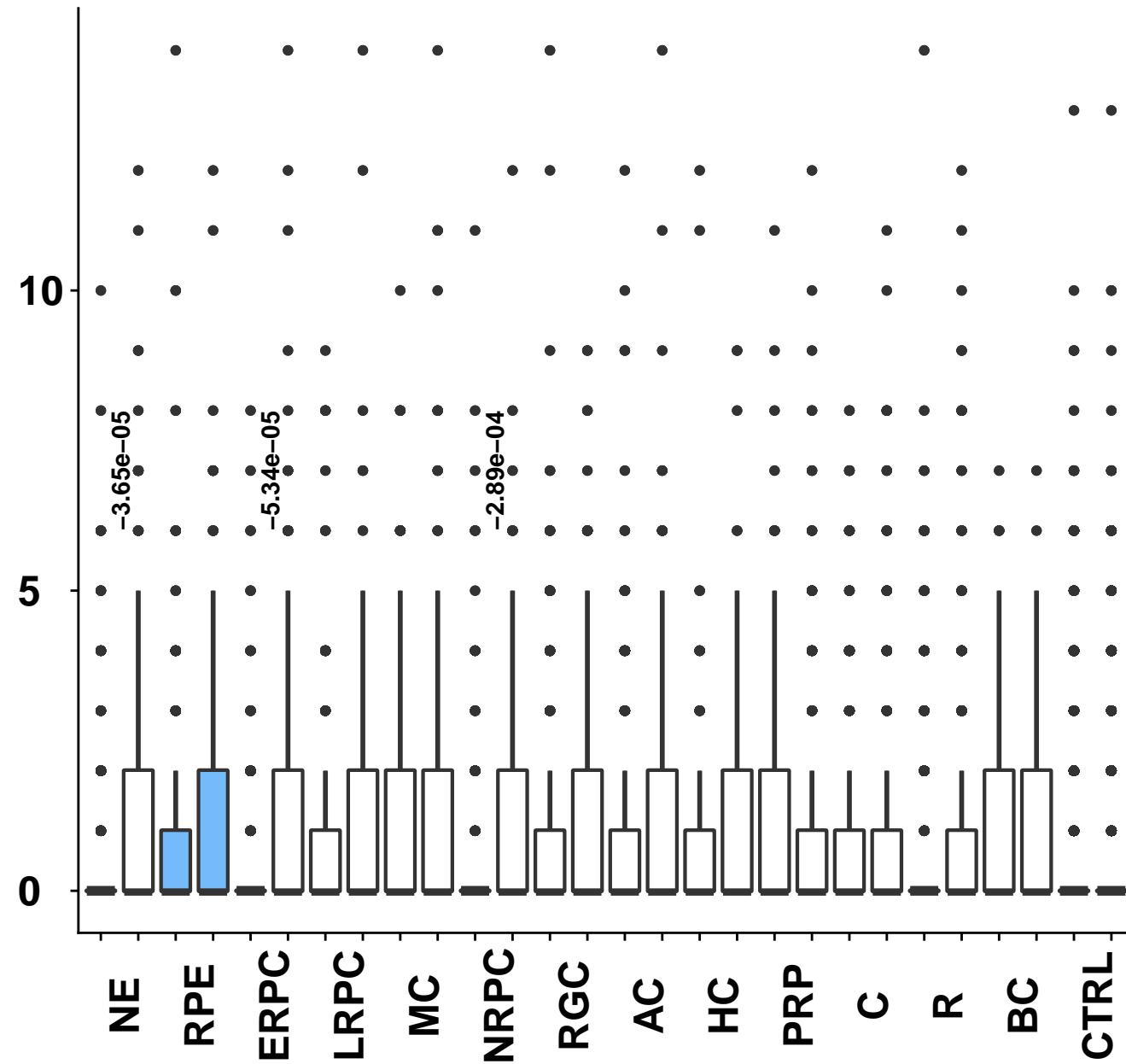
## Zic1\_3\_total



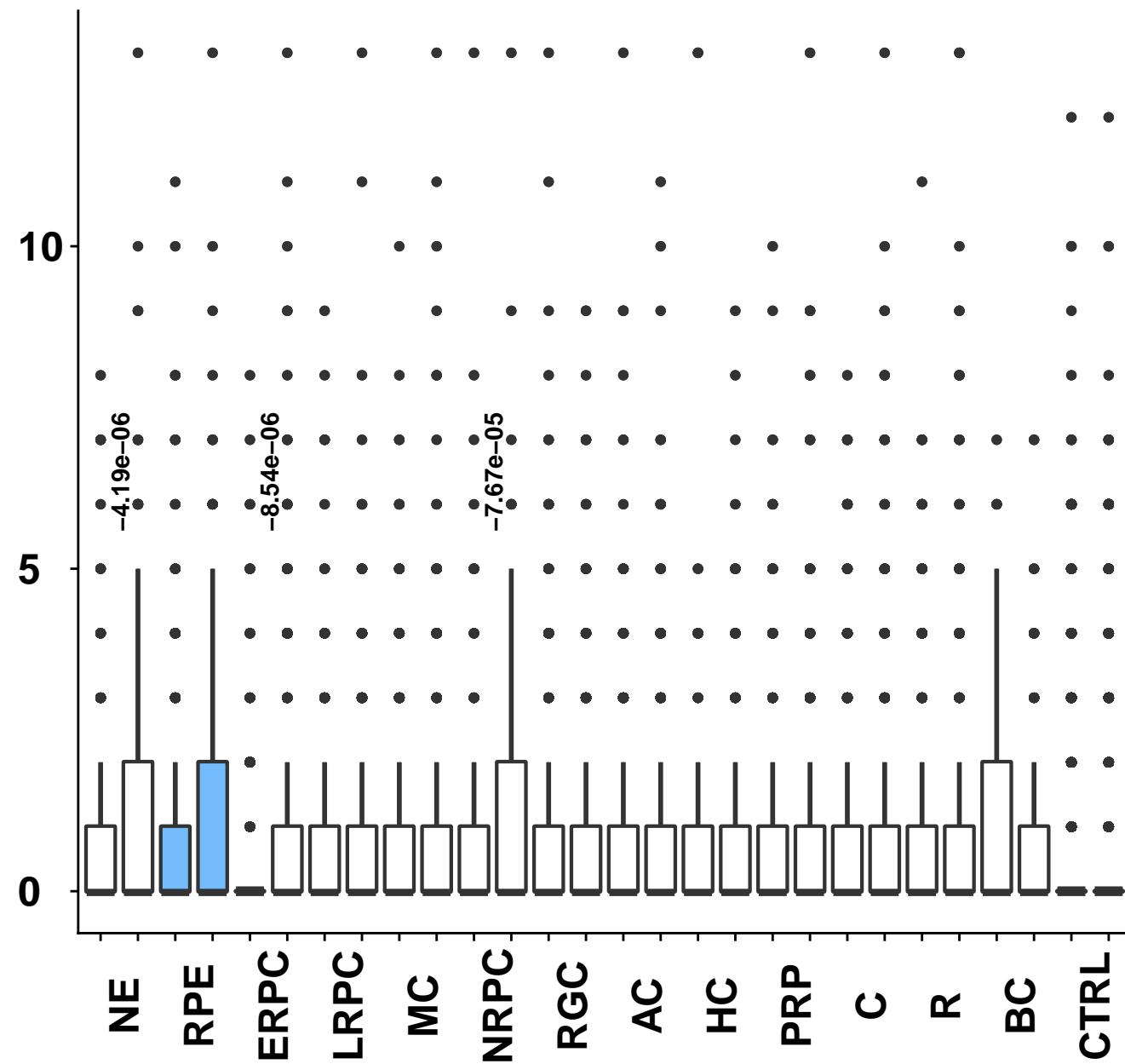
## Zic1\_4\_total



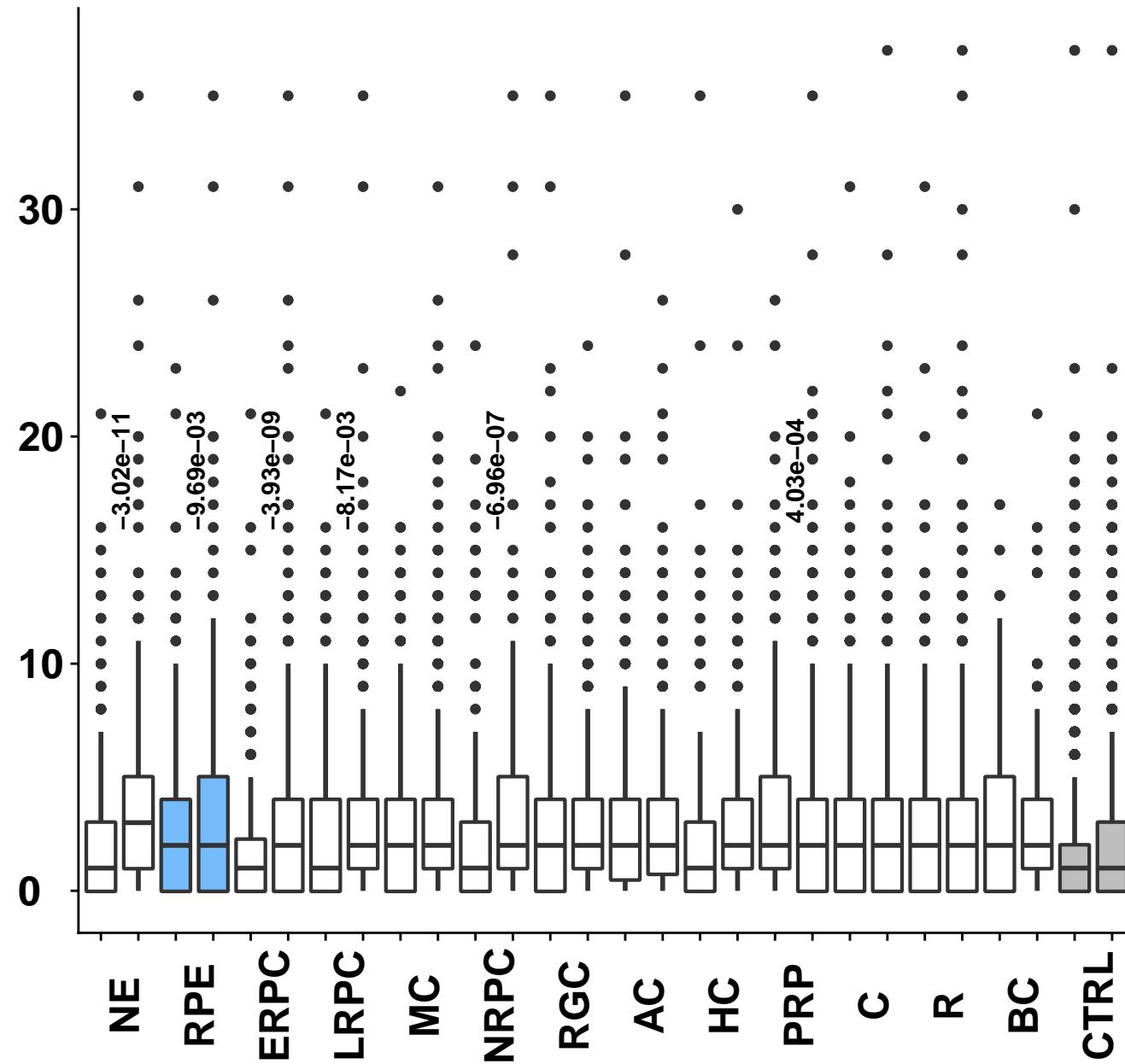
## **Junb\_1\_total**



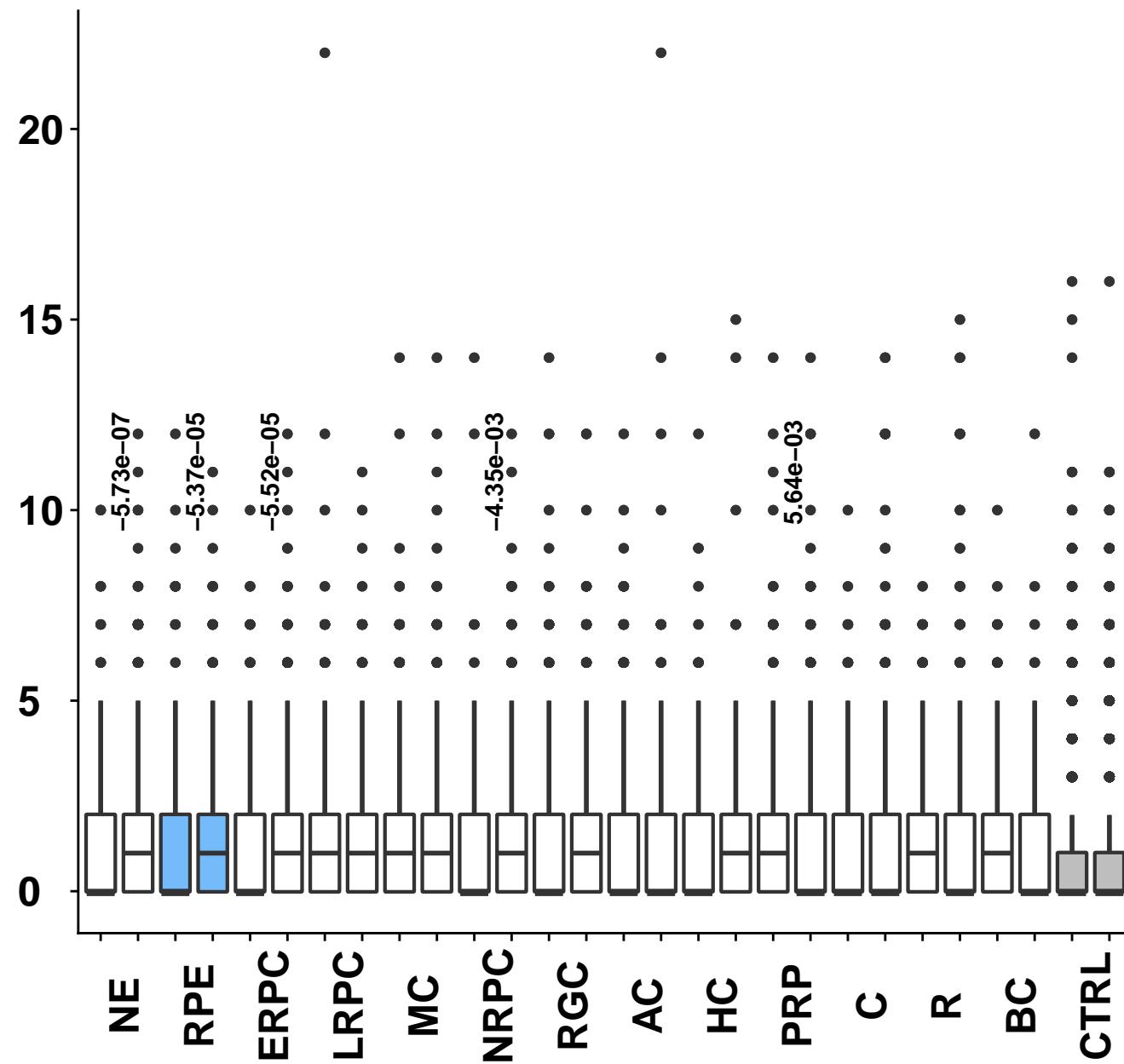
## **Junb\_2\_total**



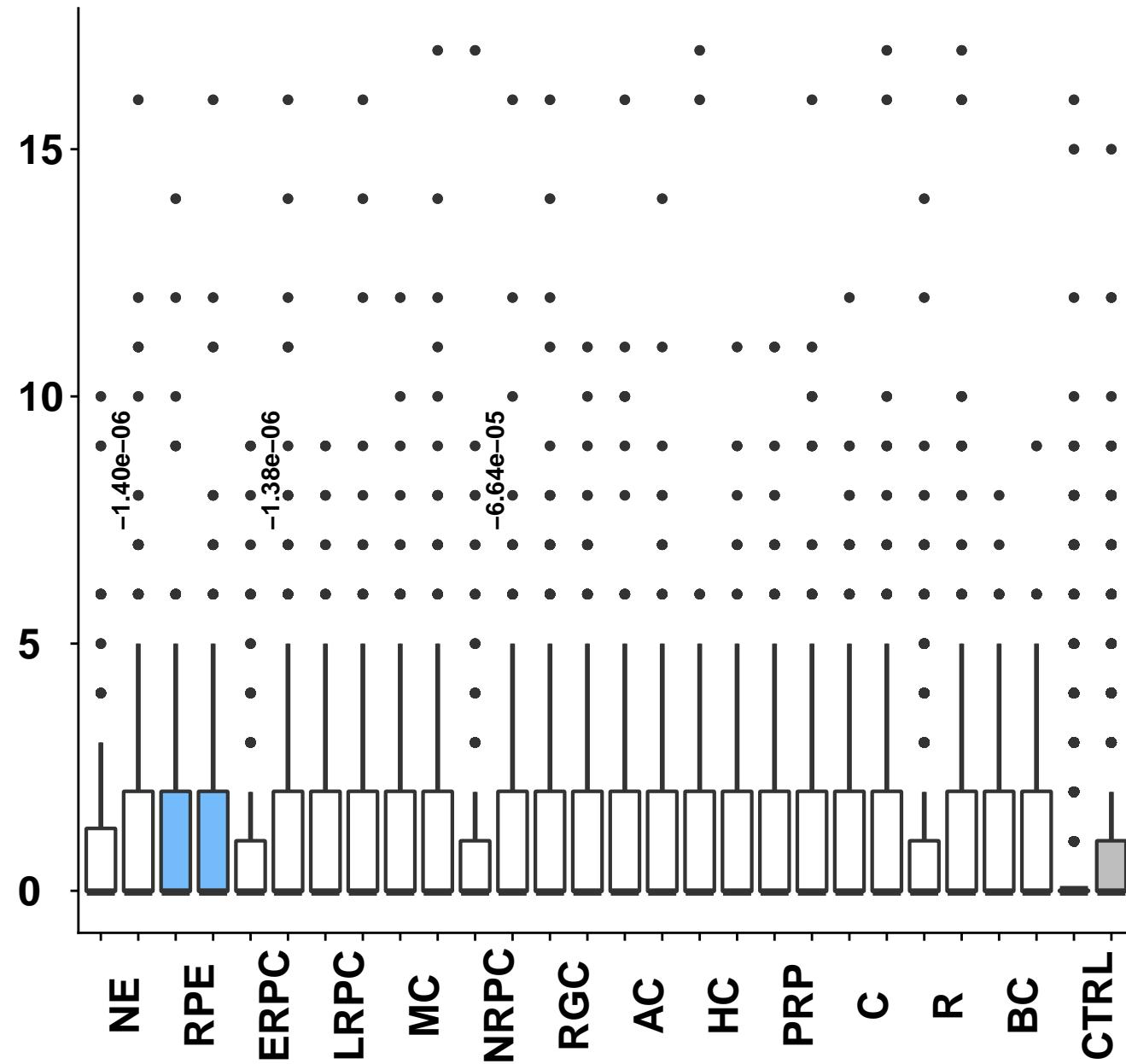
### **Junb\_3\_total**



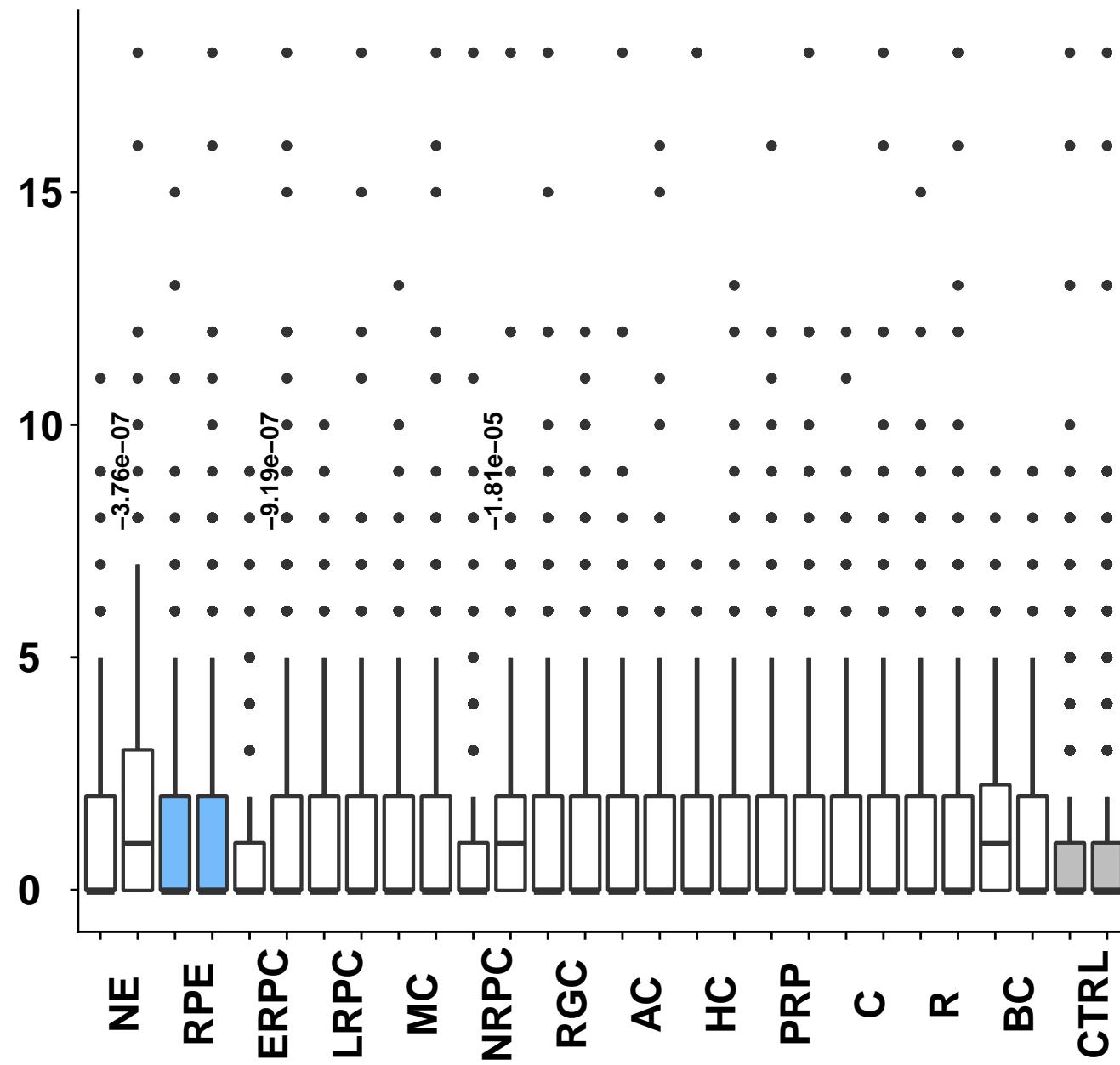
## Junb\_4\_total



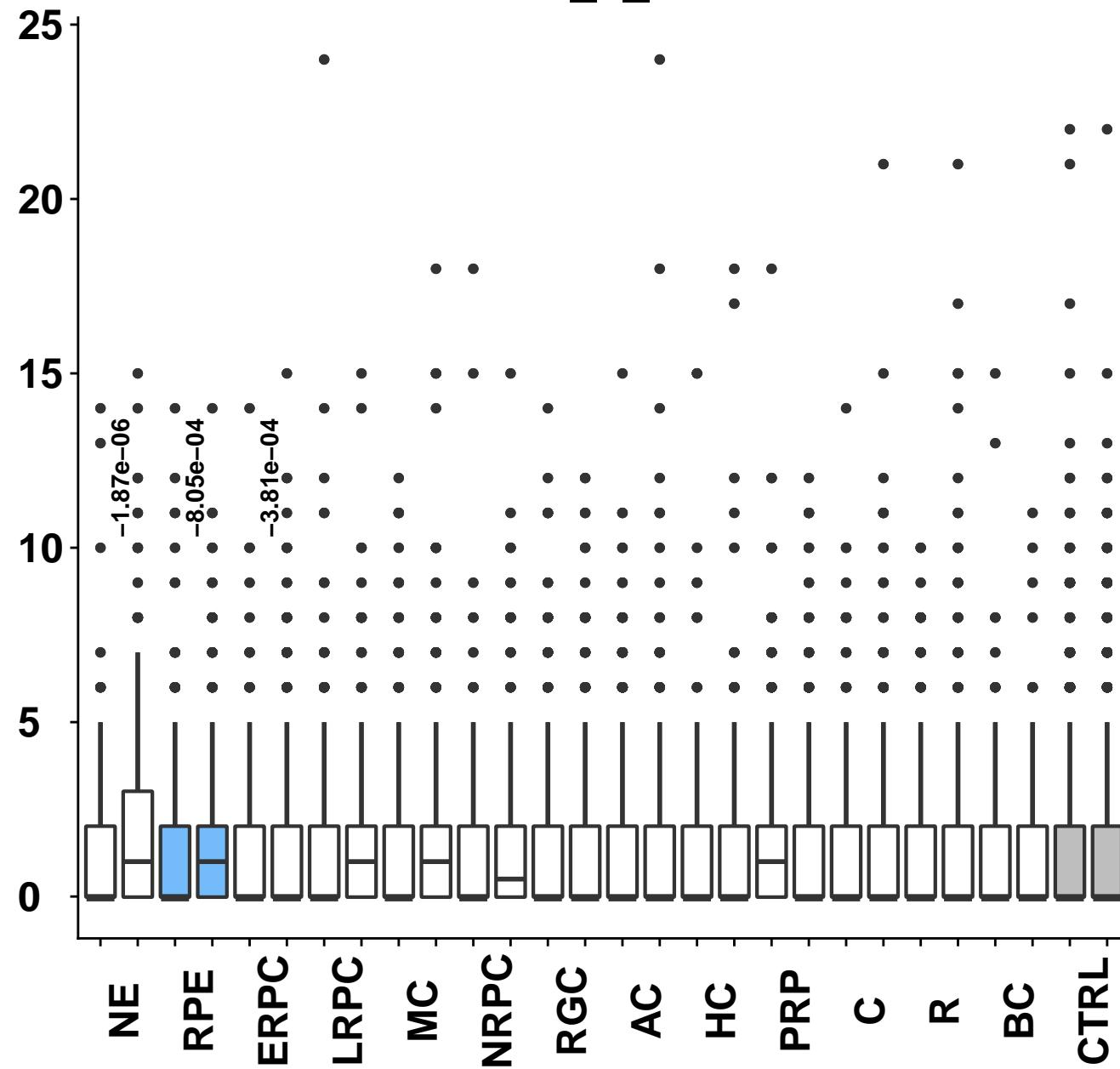
## Junb\_5\_total



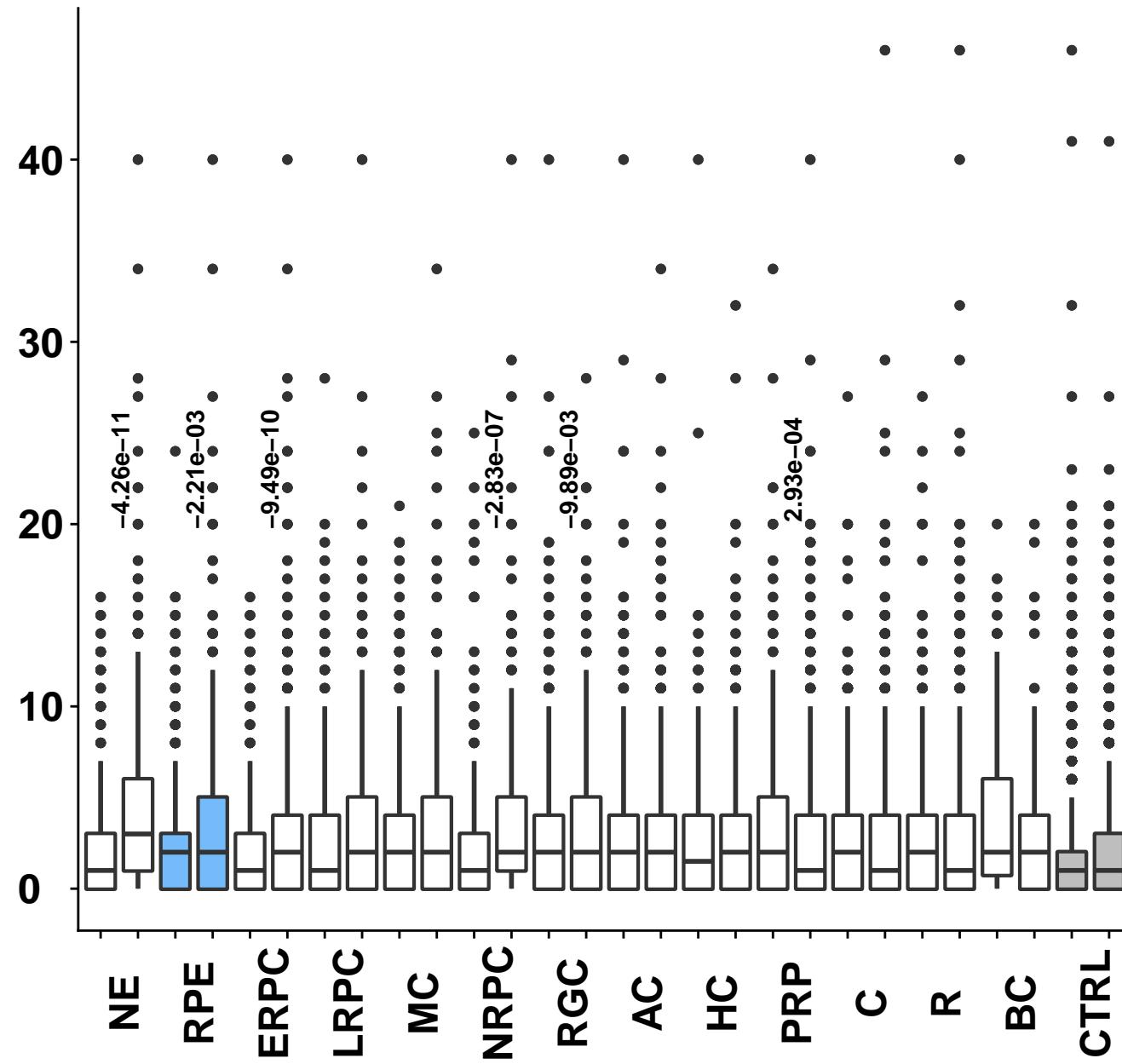
## Junb\_6\_total



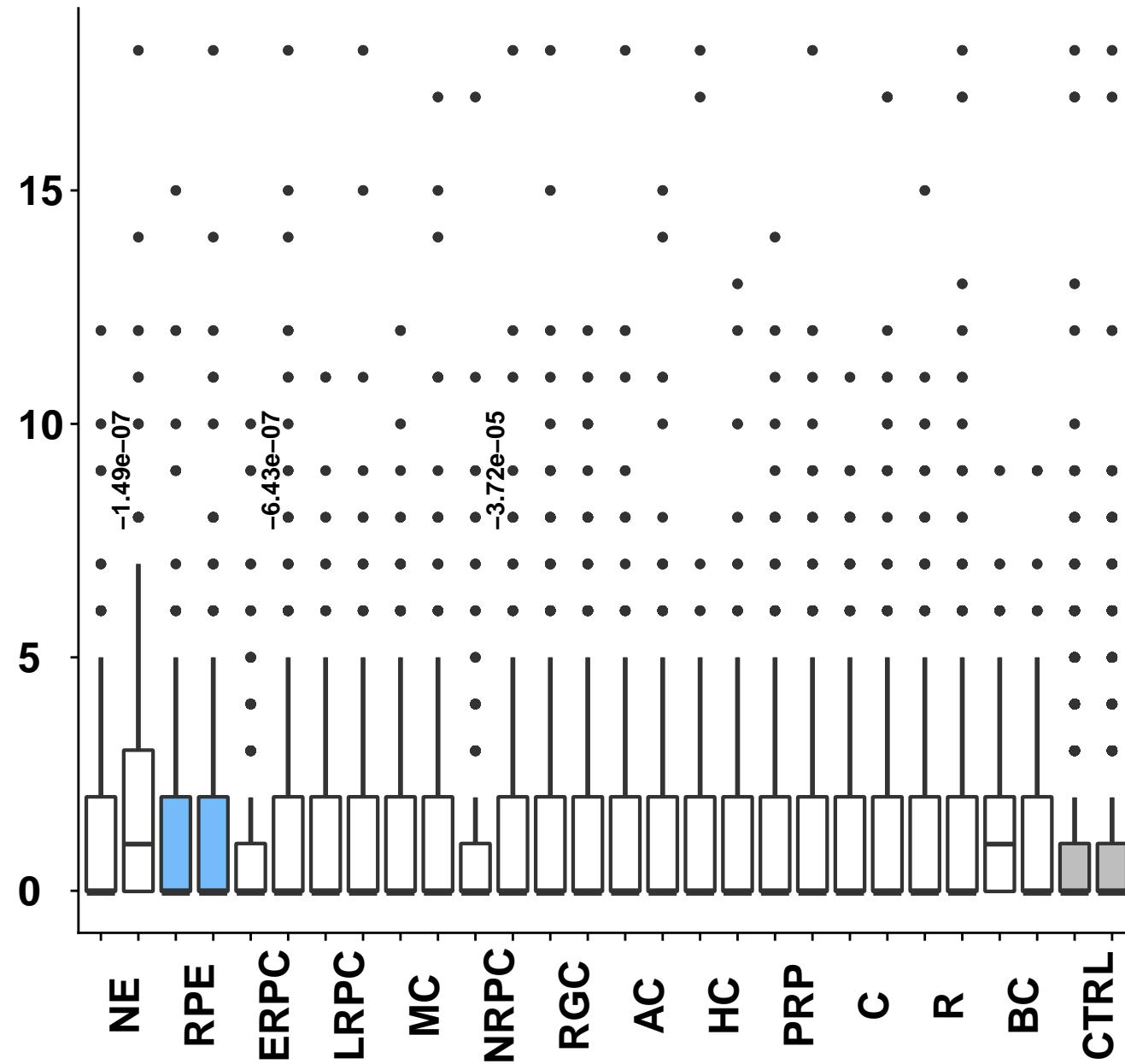
## Junb\_7\_total



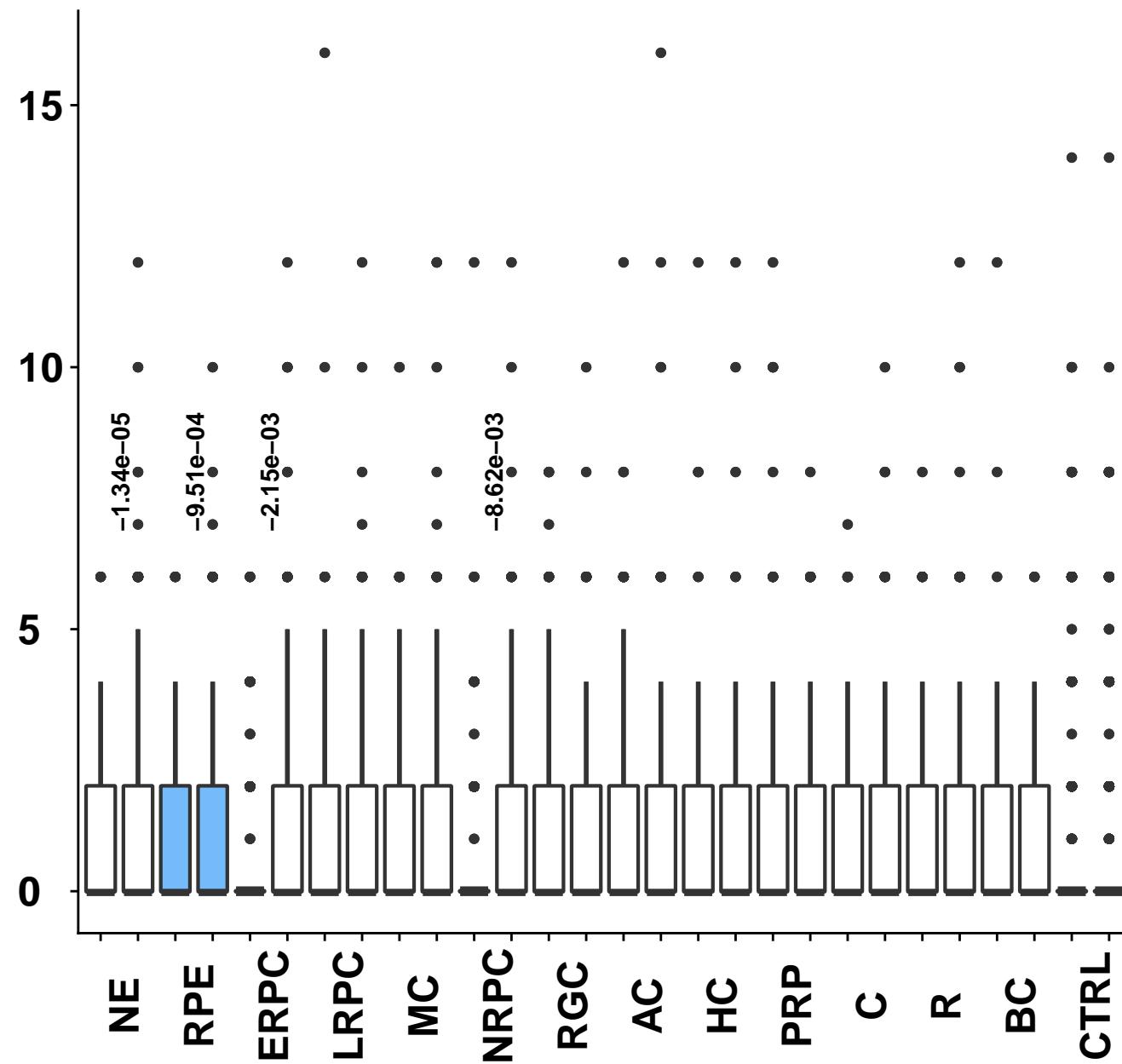
## Junb\_8\_total



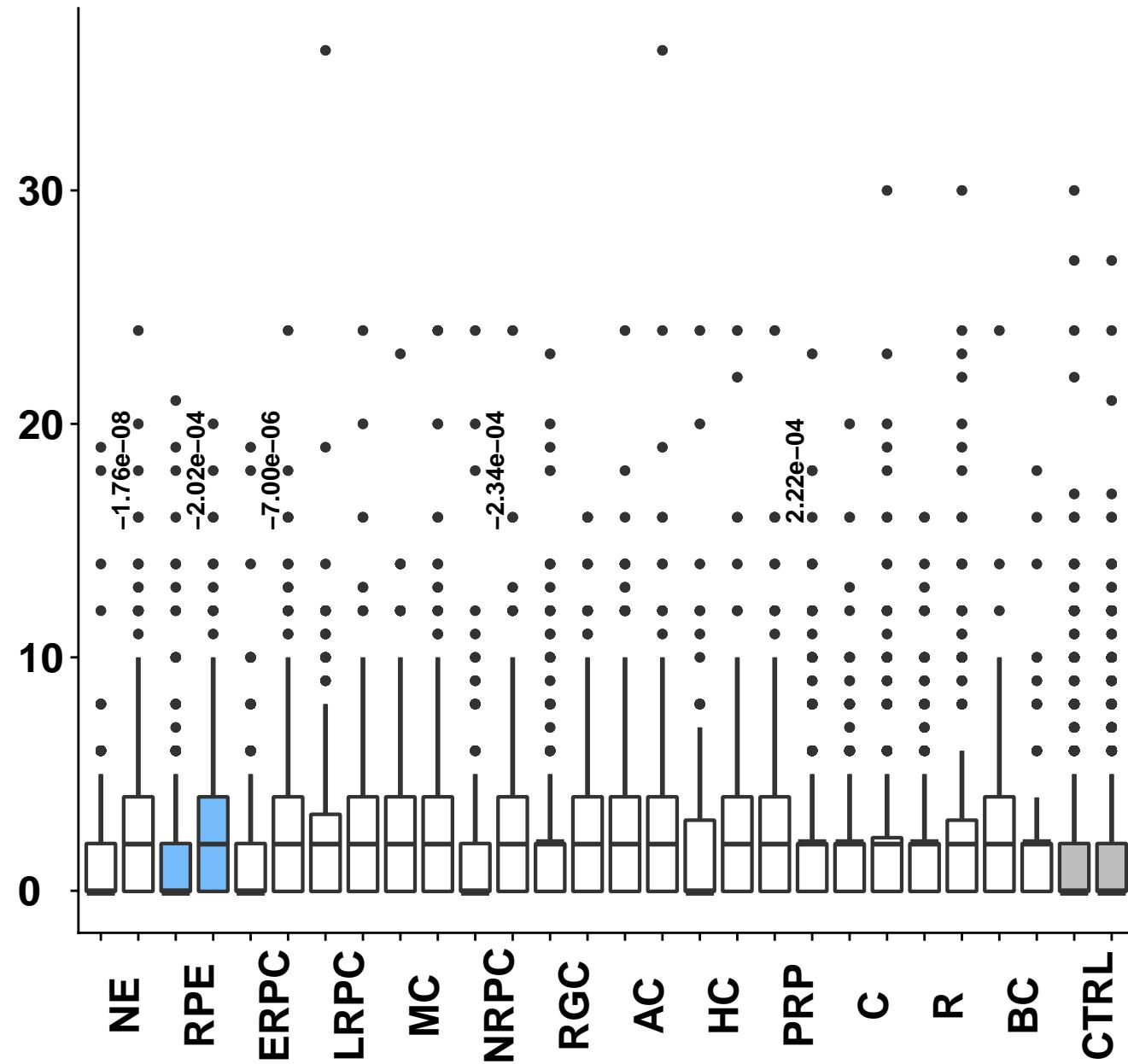
## Junb\_9\_total



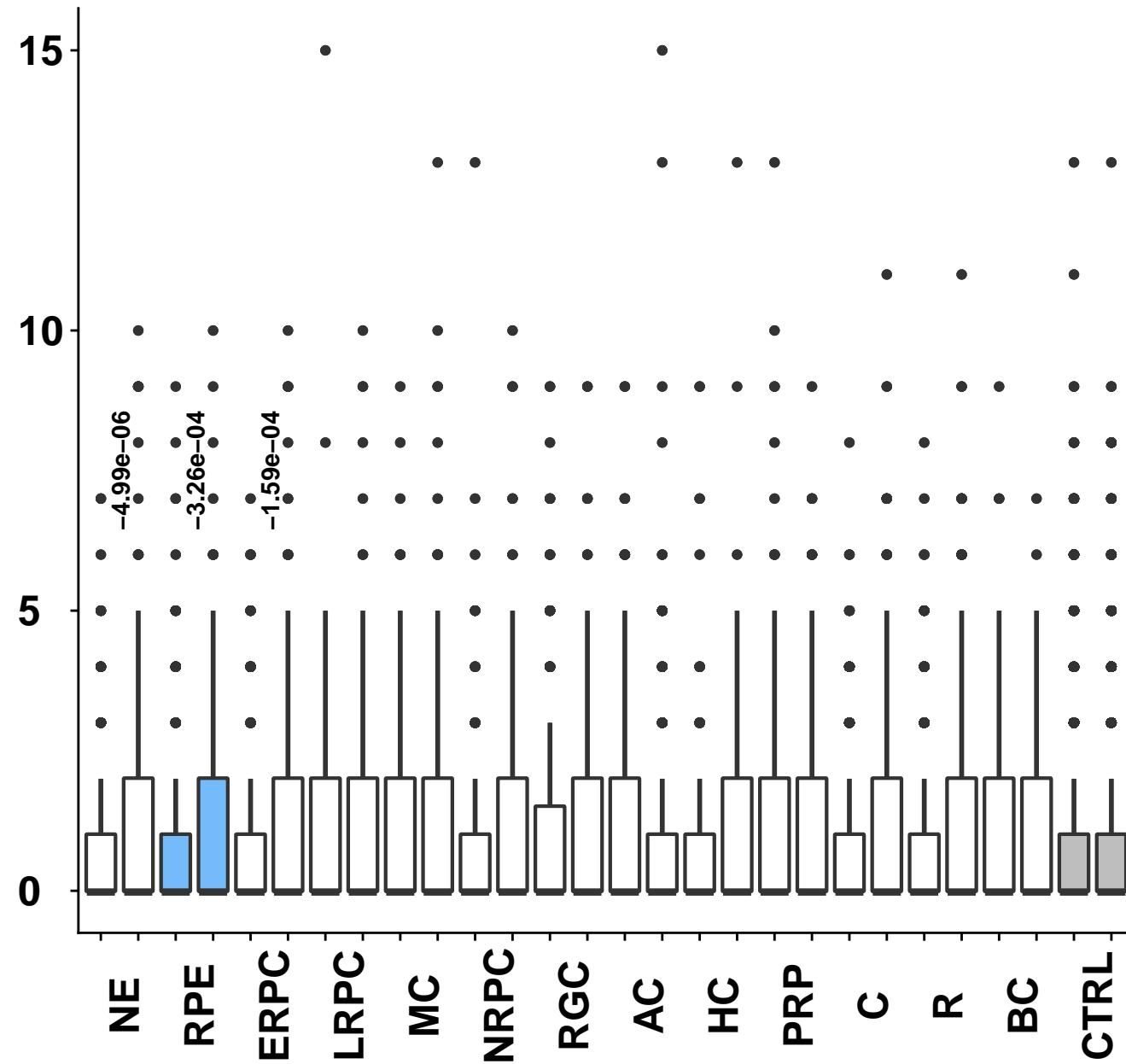
## Junb\_10\_total



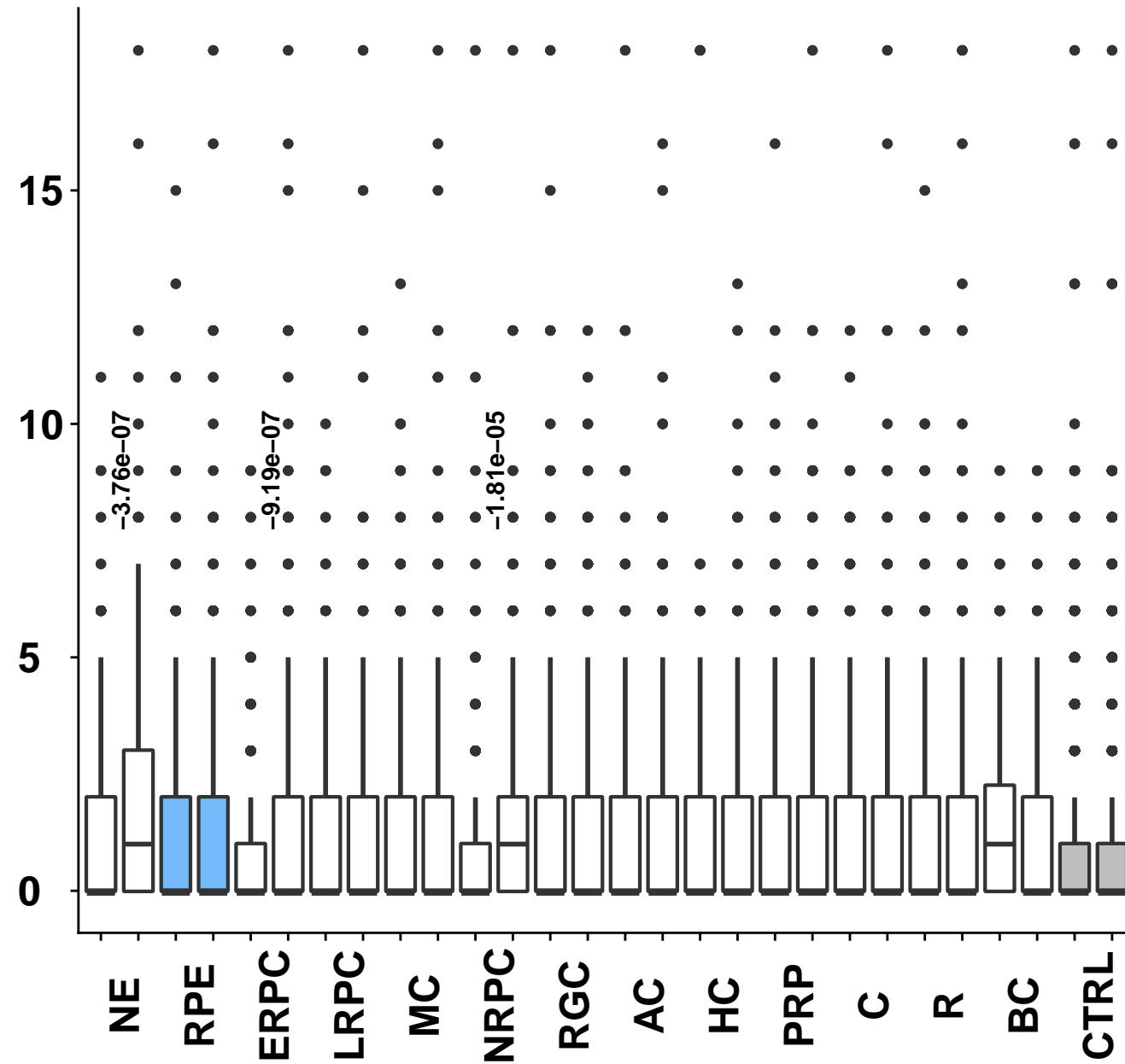
## Junb\_11\_total



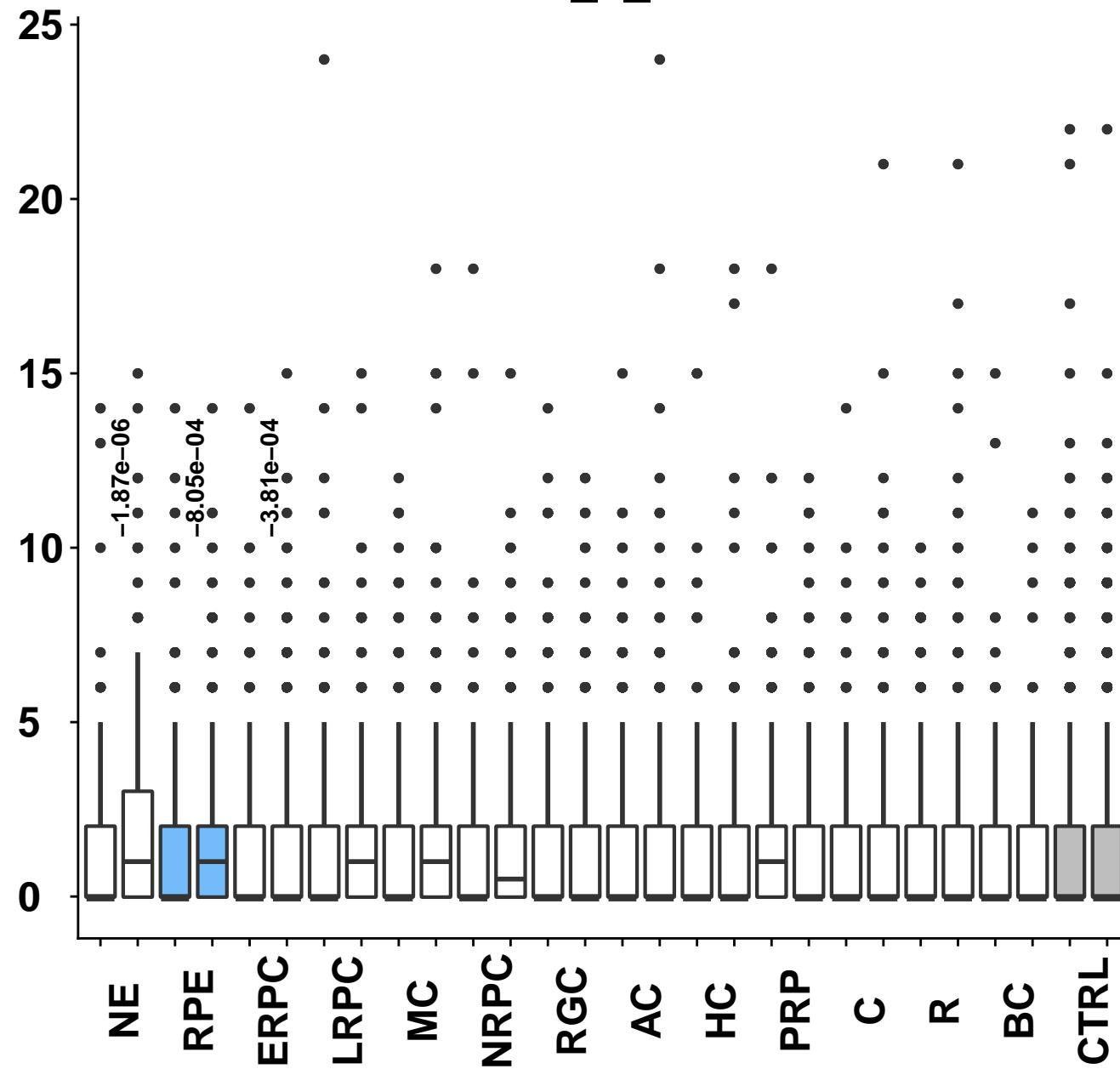
## Fosb\_1\_total



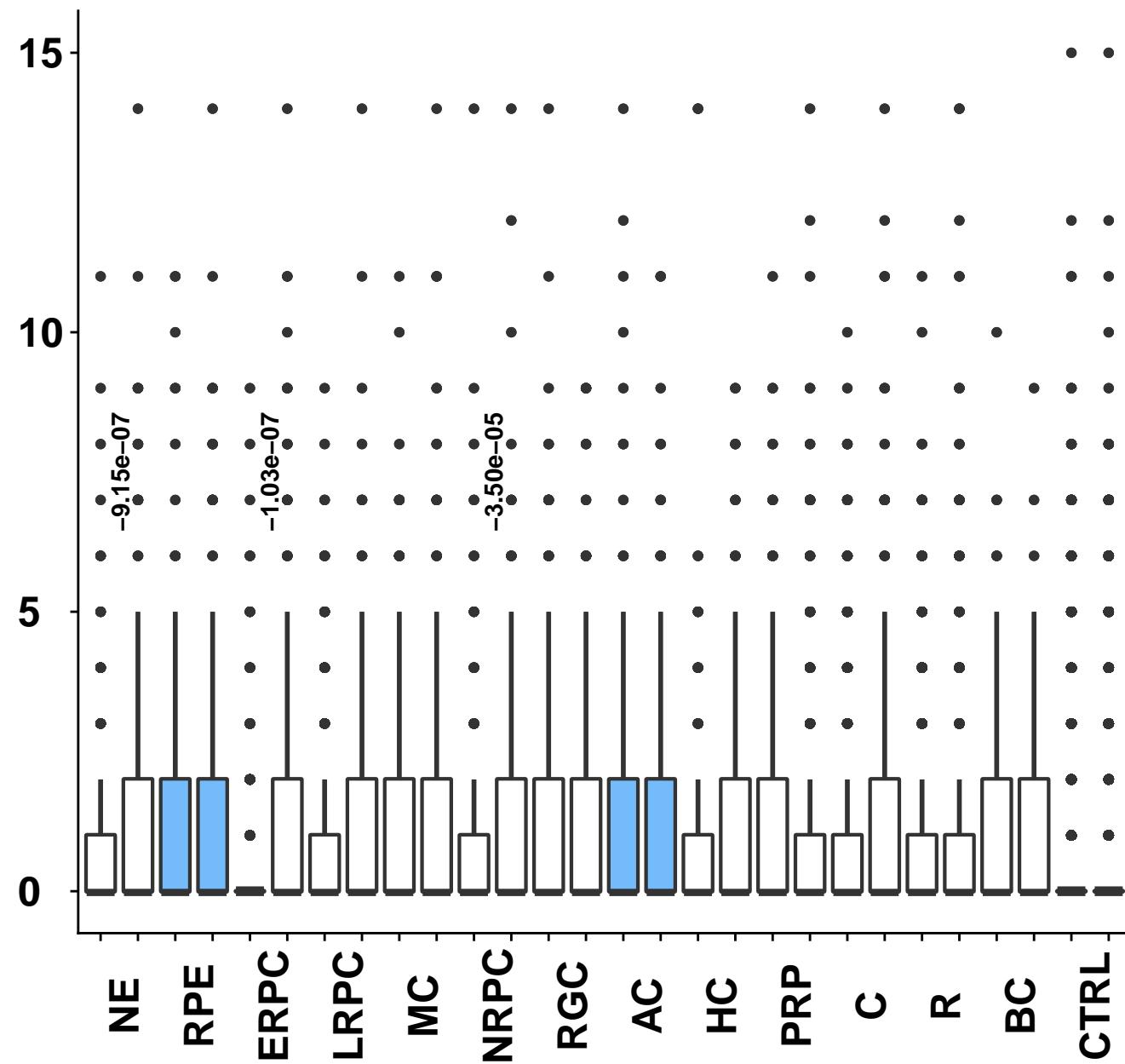
## Fosb\_2\_total



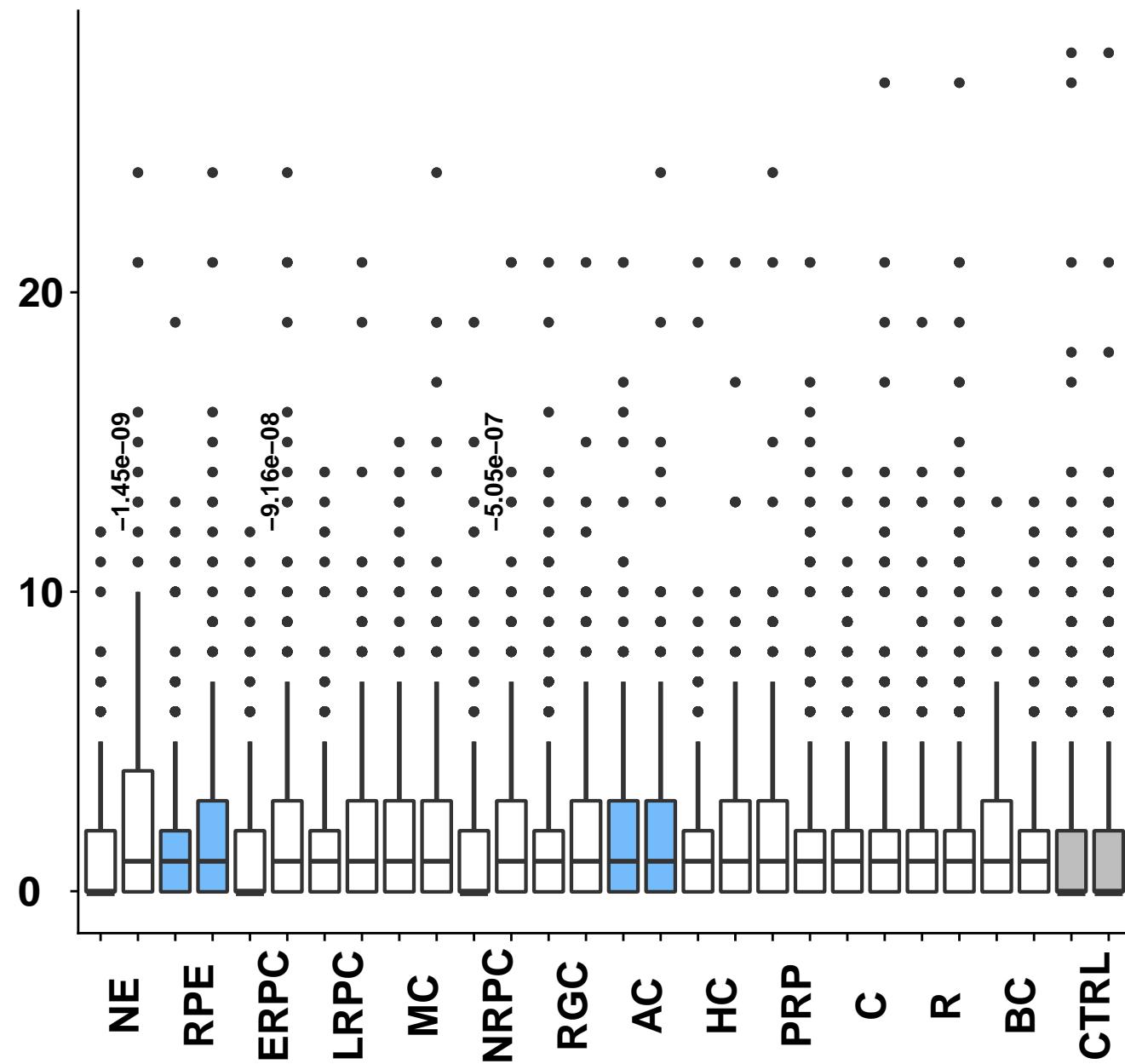
## Fosb\_3\_total



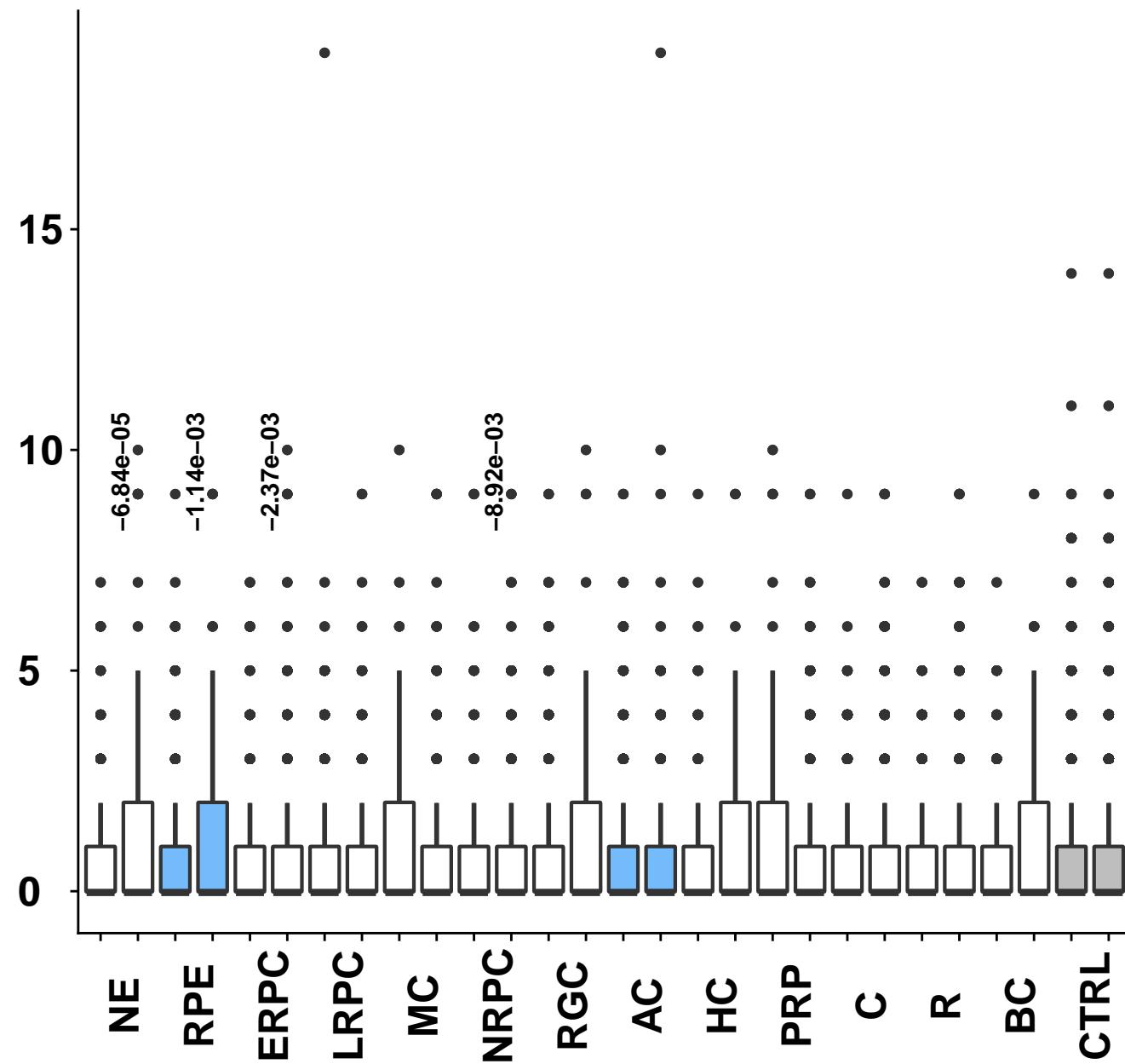
## Fos\_4\_total



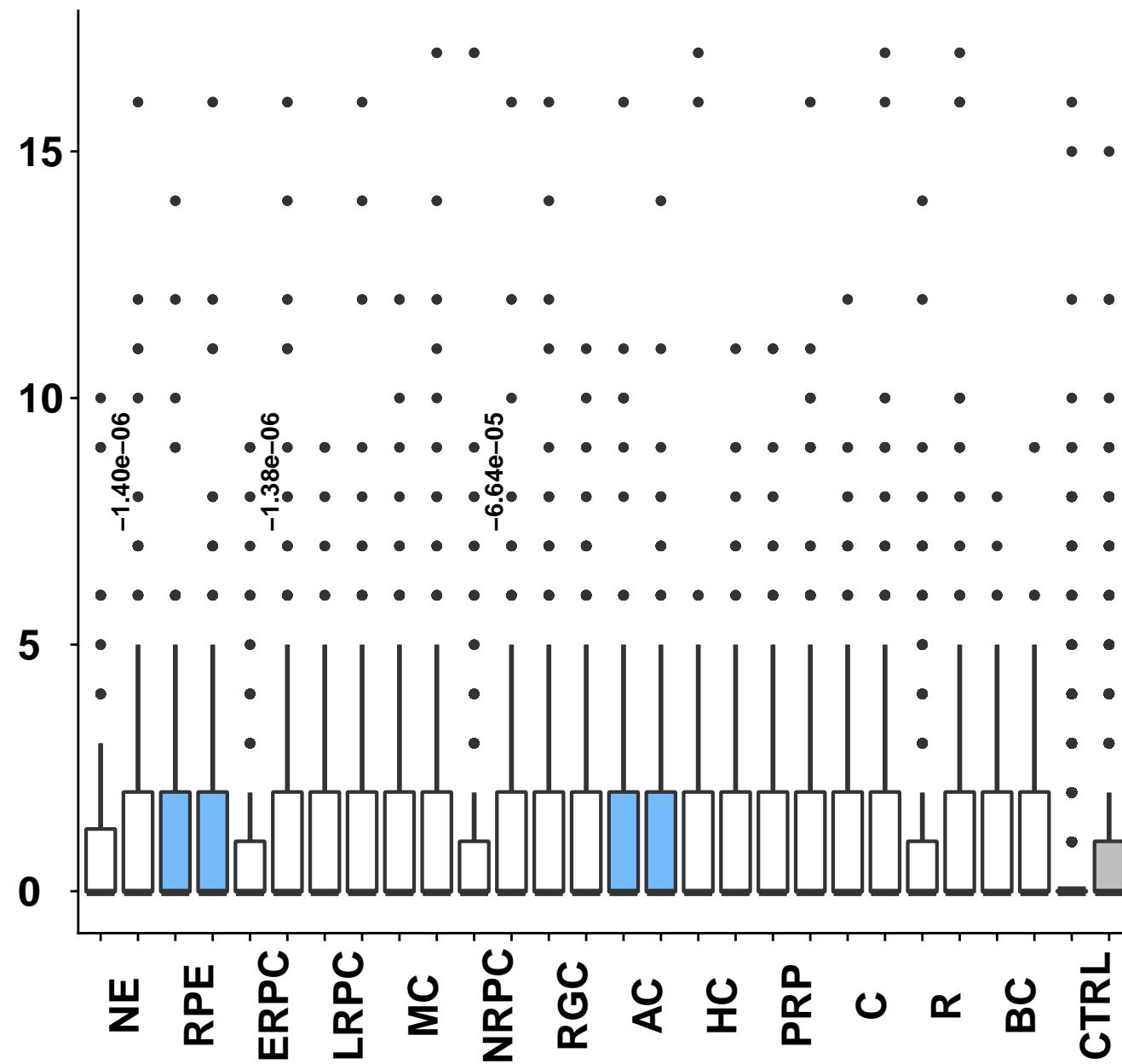
## Fos\_5\_total



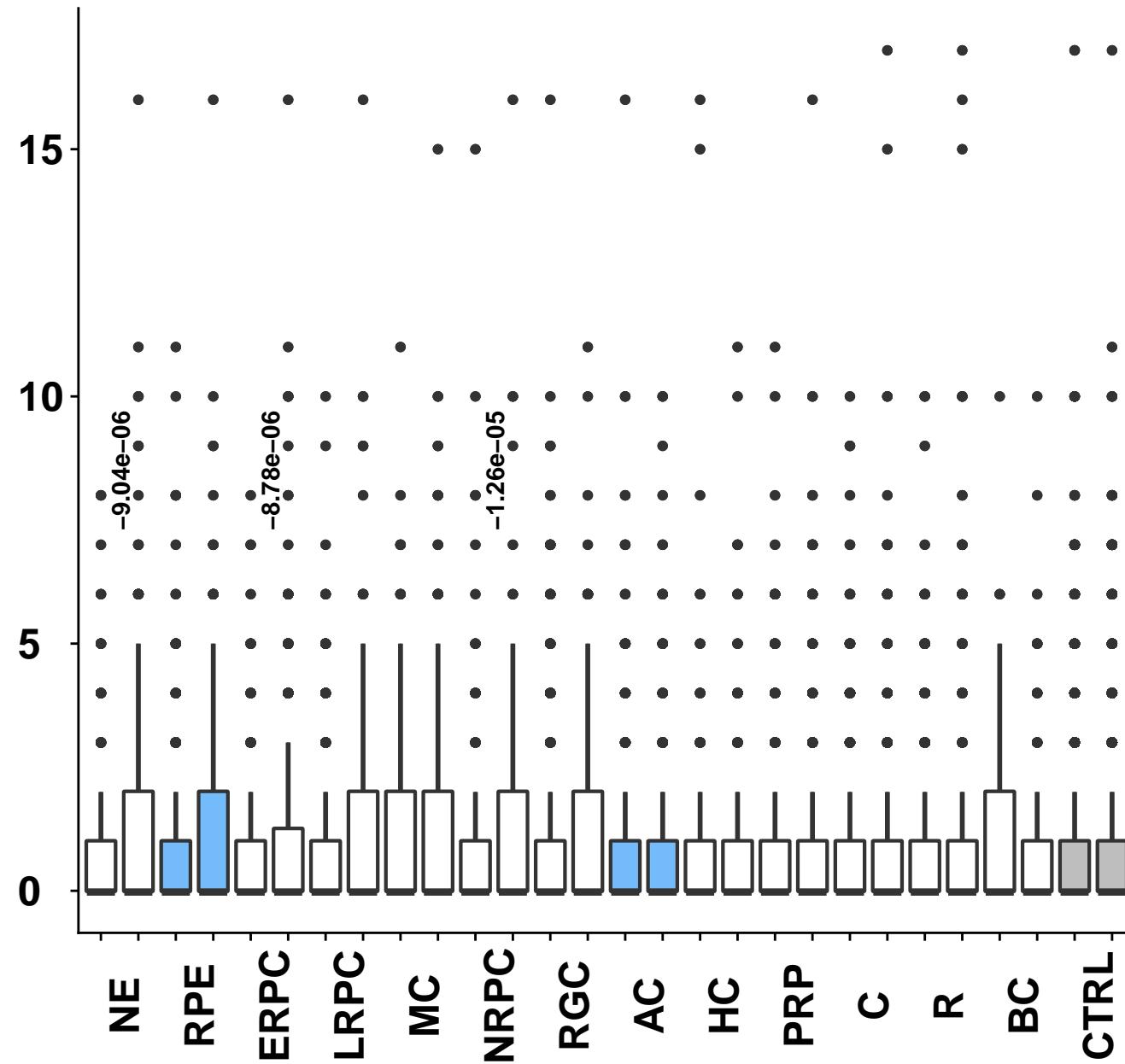
## Fos\_6\_total



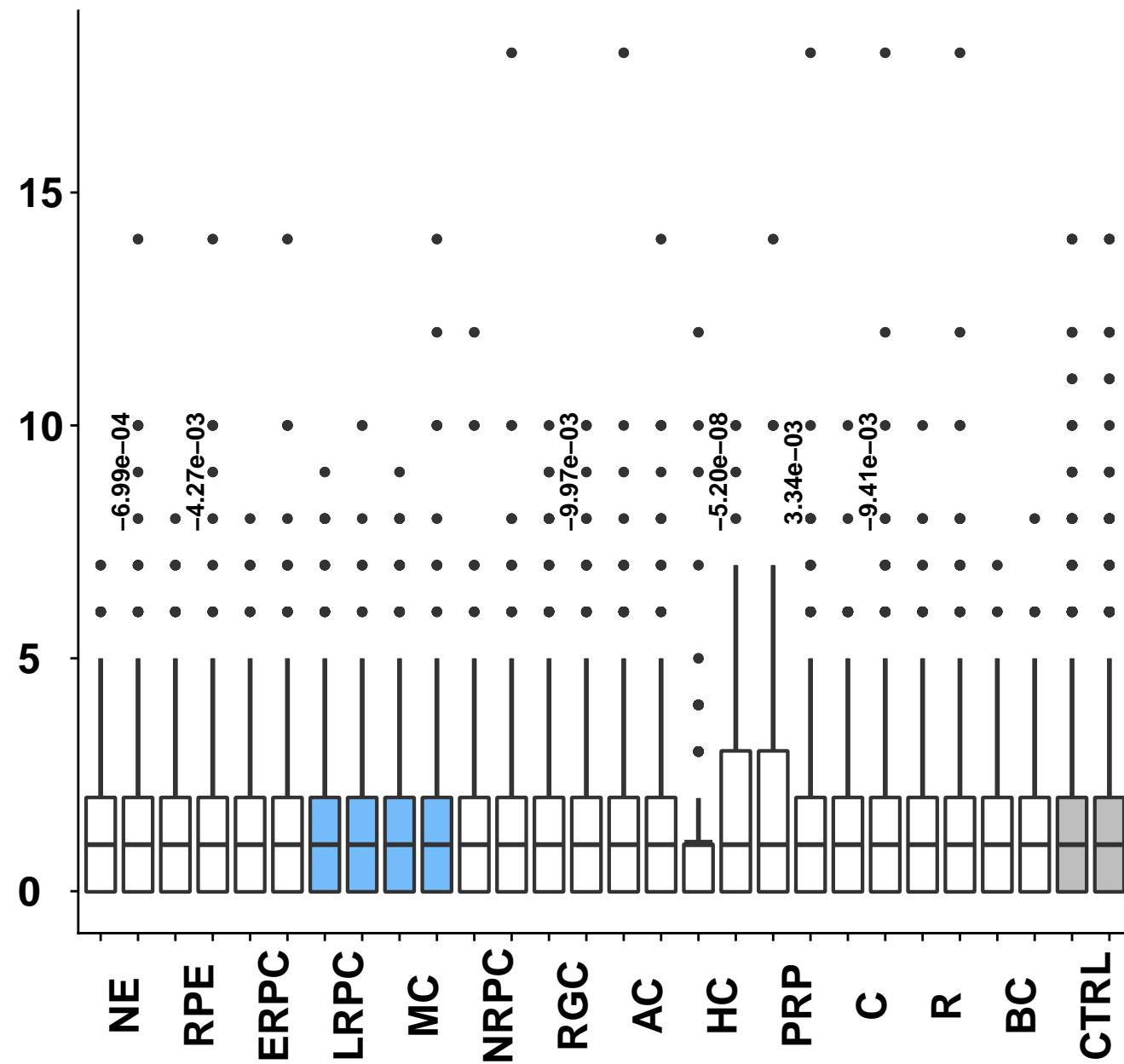
## Fos\_12\_total



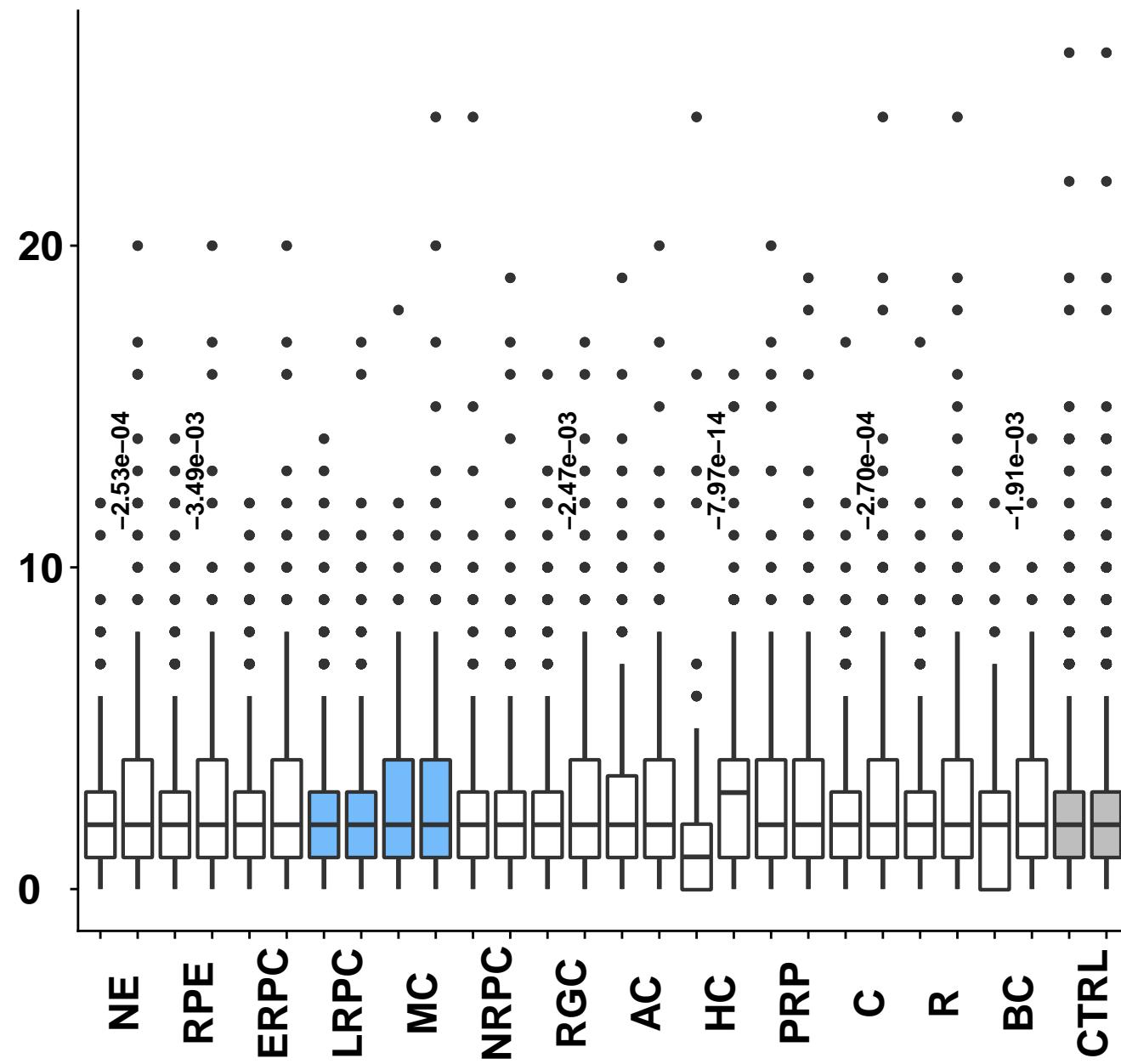
## Fos\_18\_total



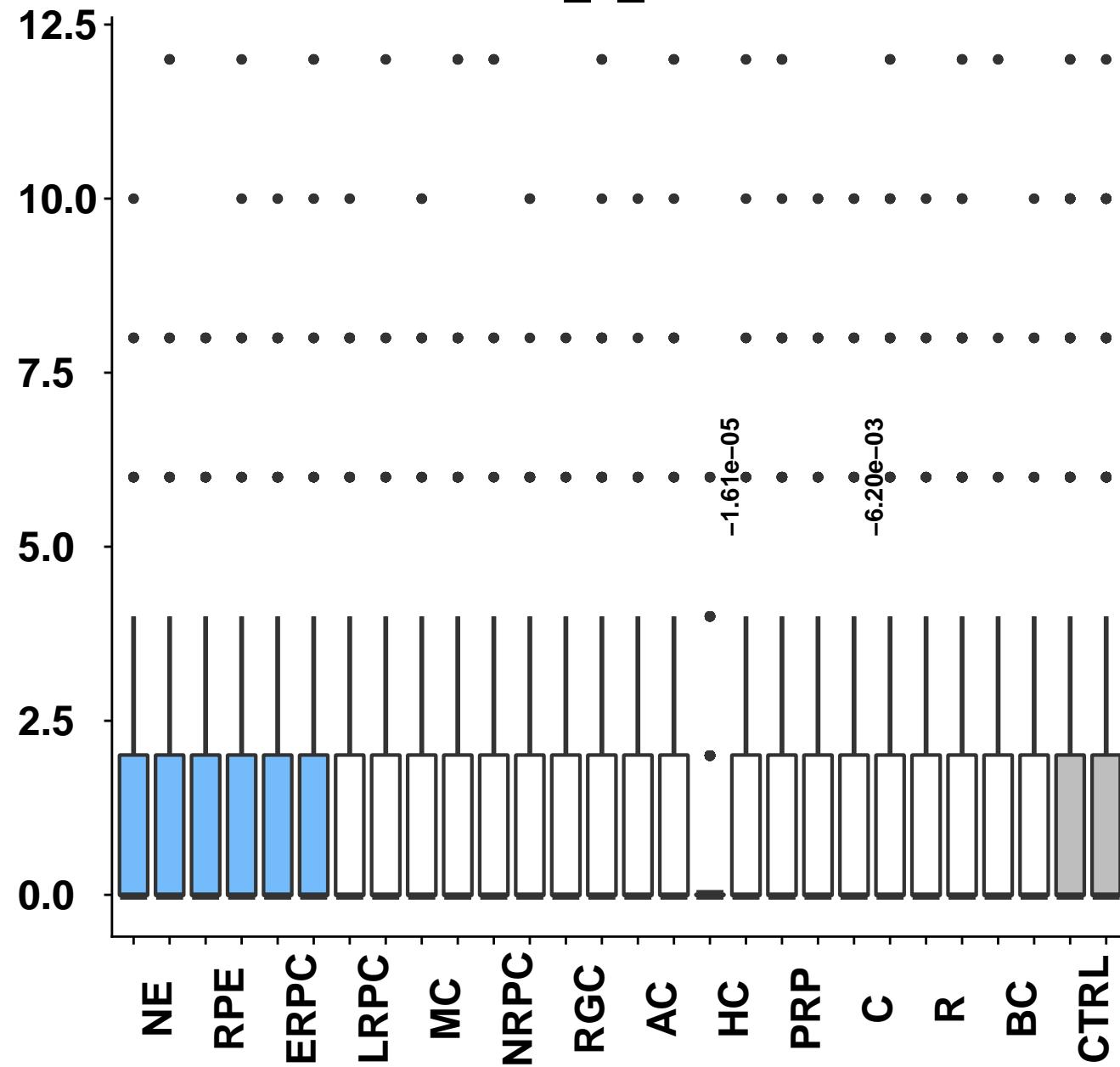
## Etv1\_1\_total



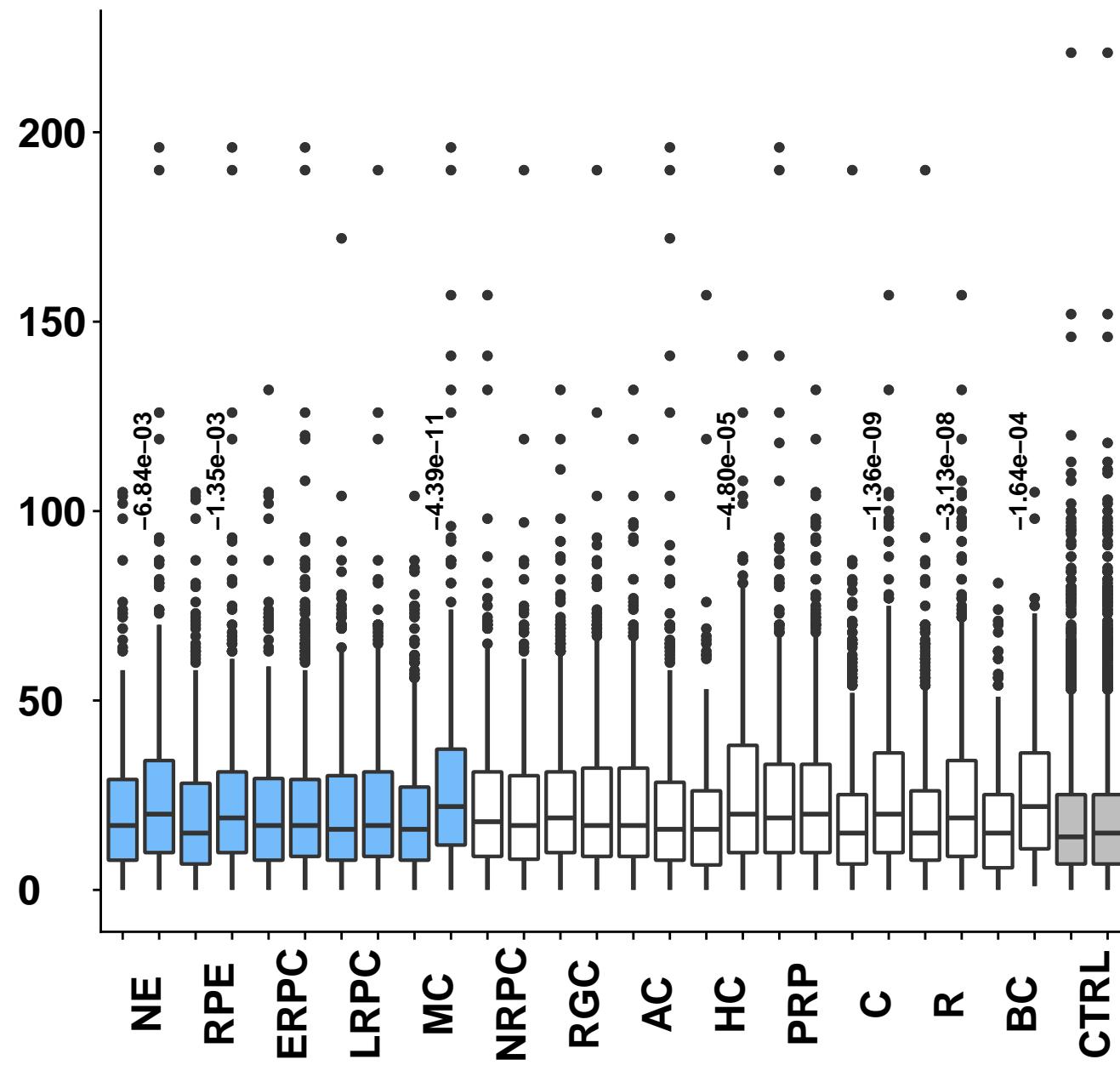
## Etv1\_2\_total



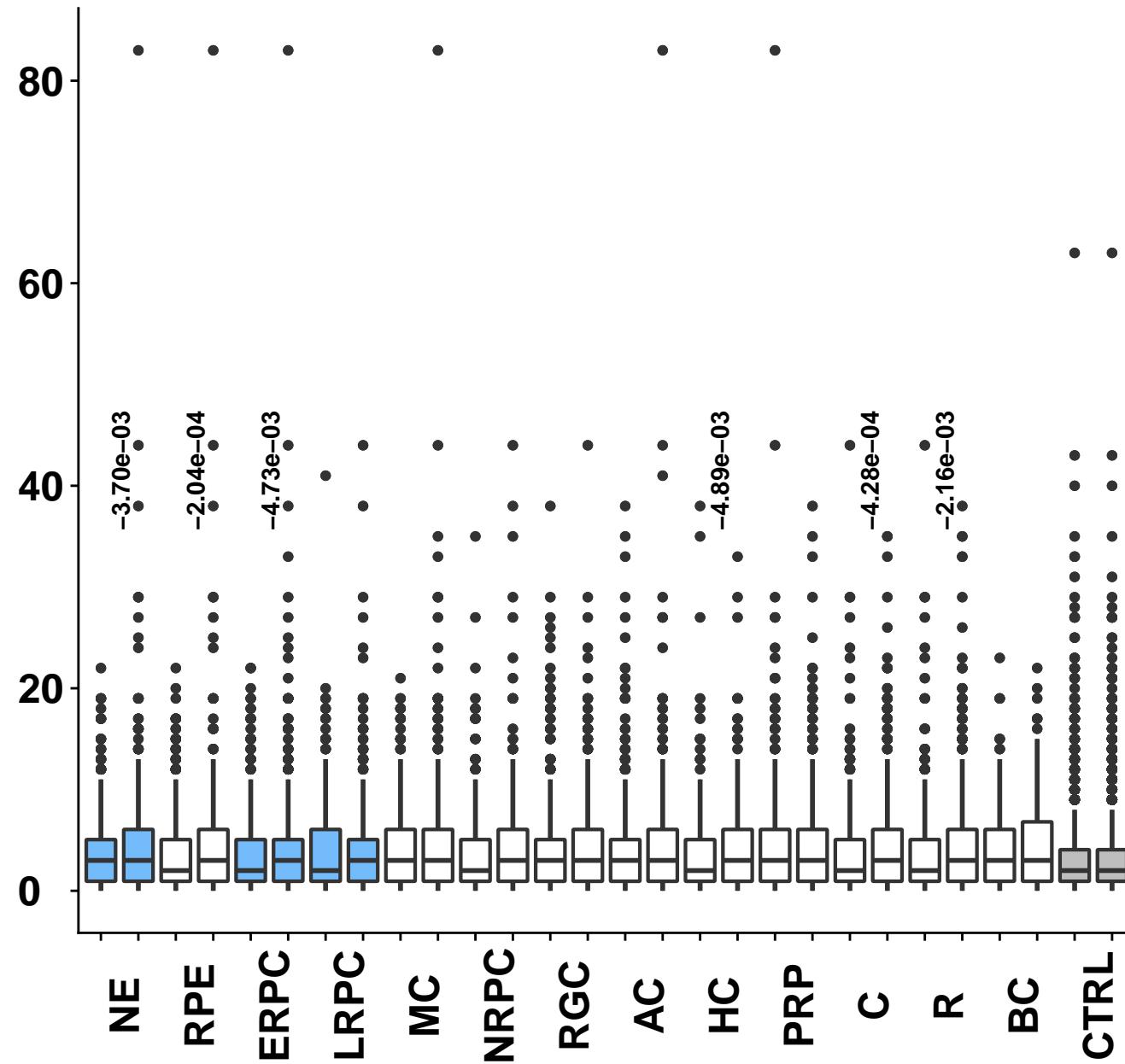
## Id2\_1\_total



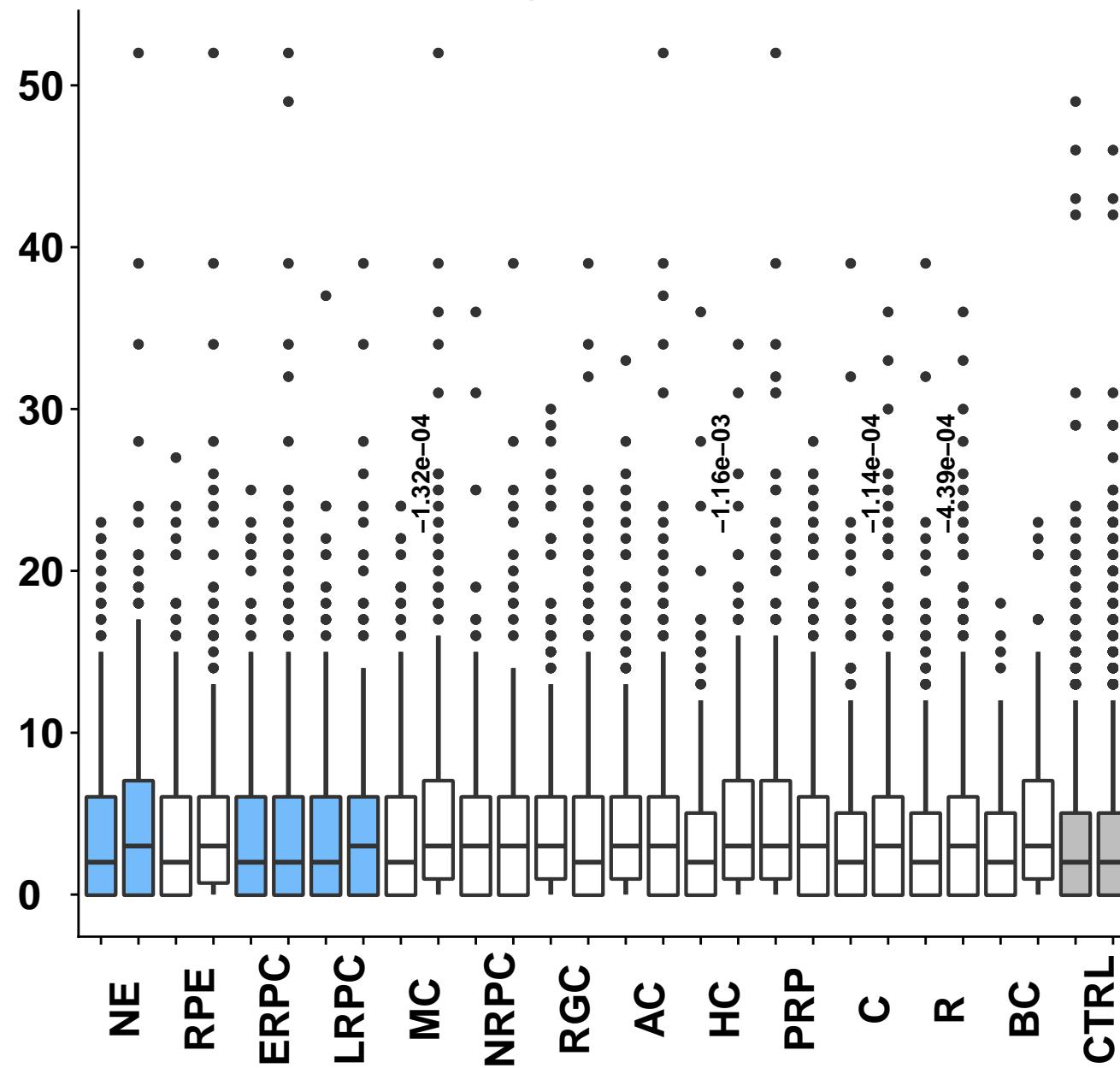
## Hes1\_1\_total



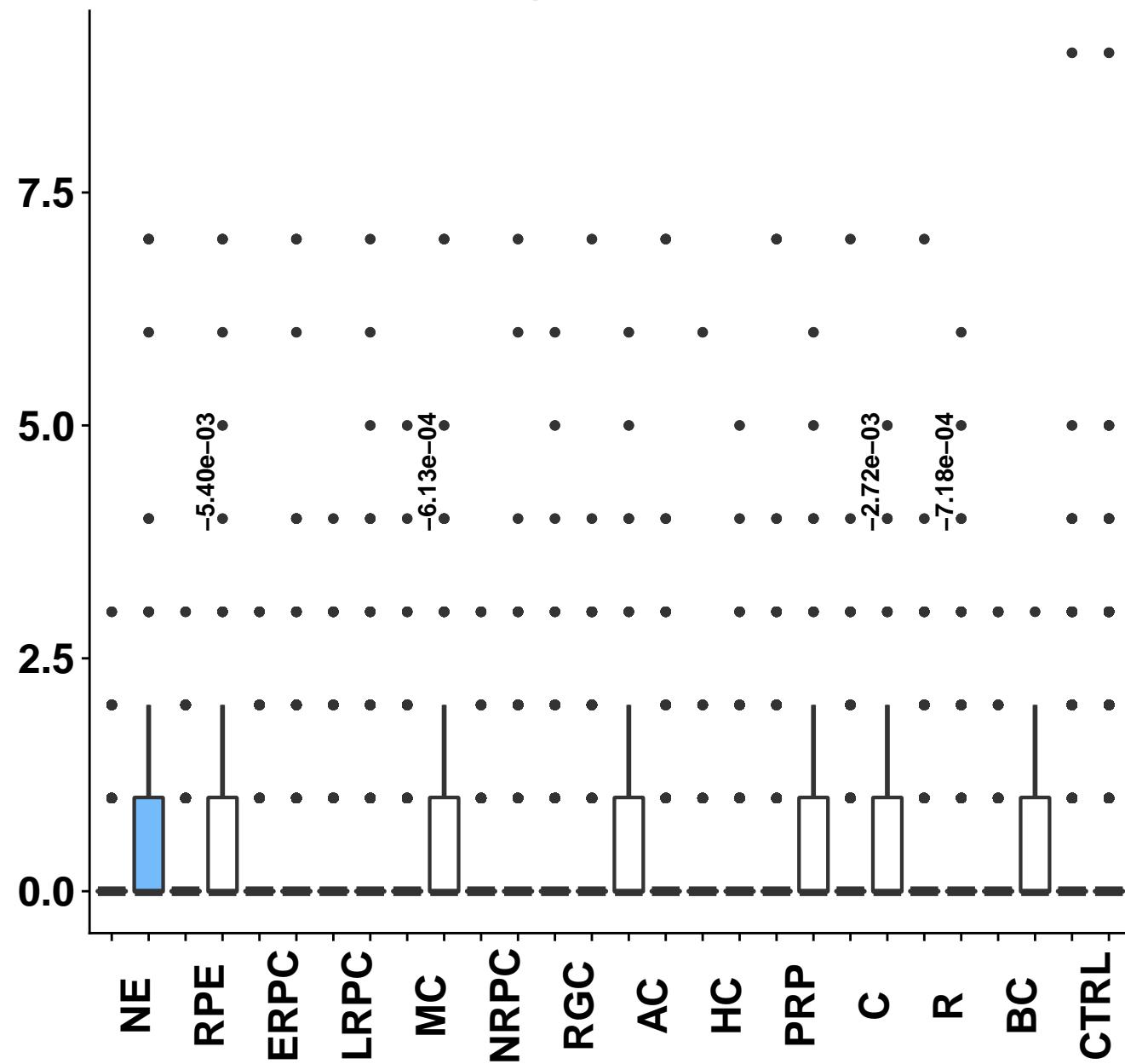
## PlagI1\_1\_total



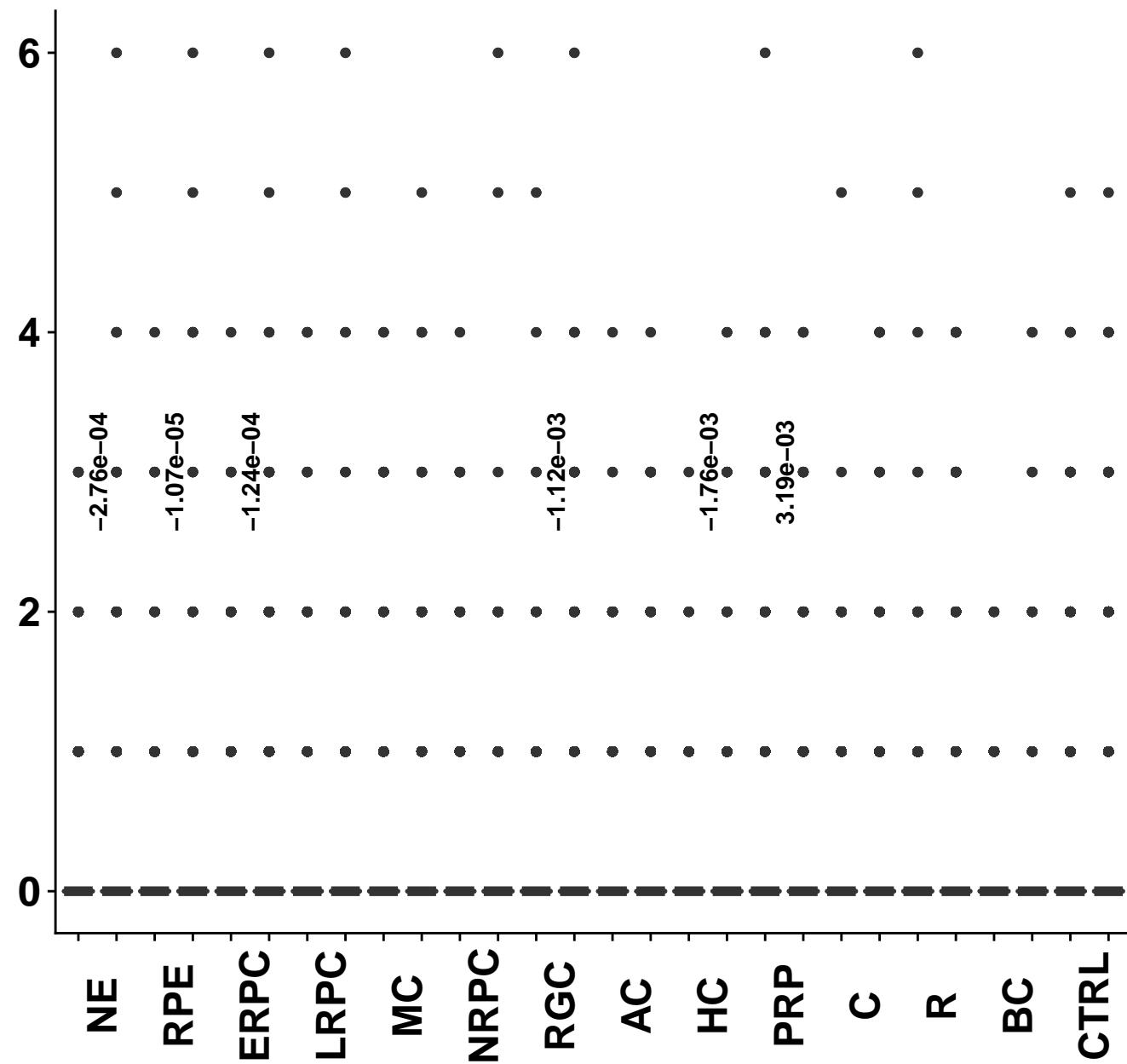
## PlagI1\_2\_total



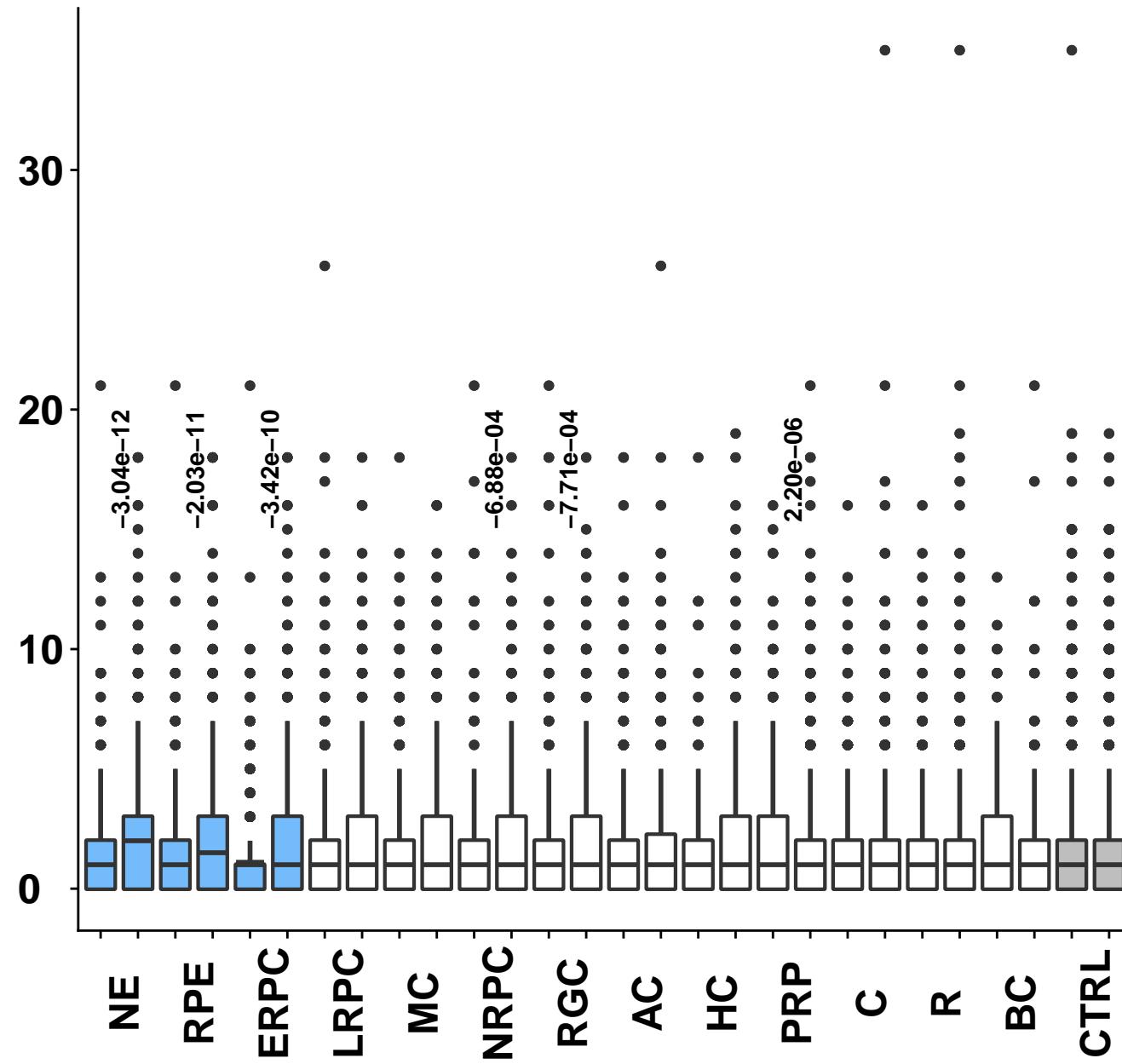
## Plagl1\_3\_total



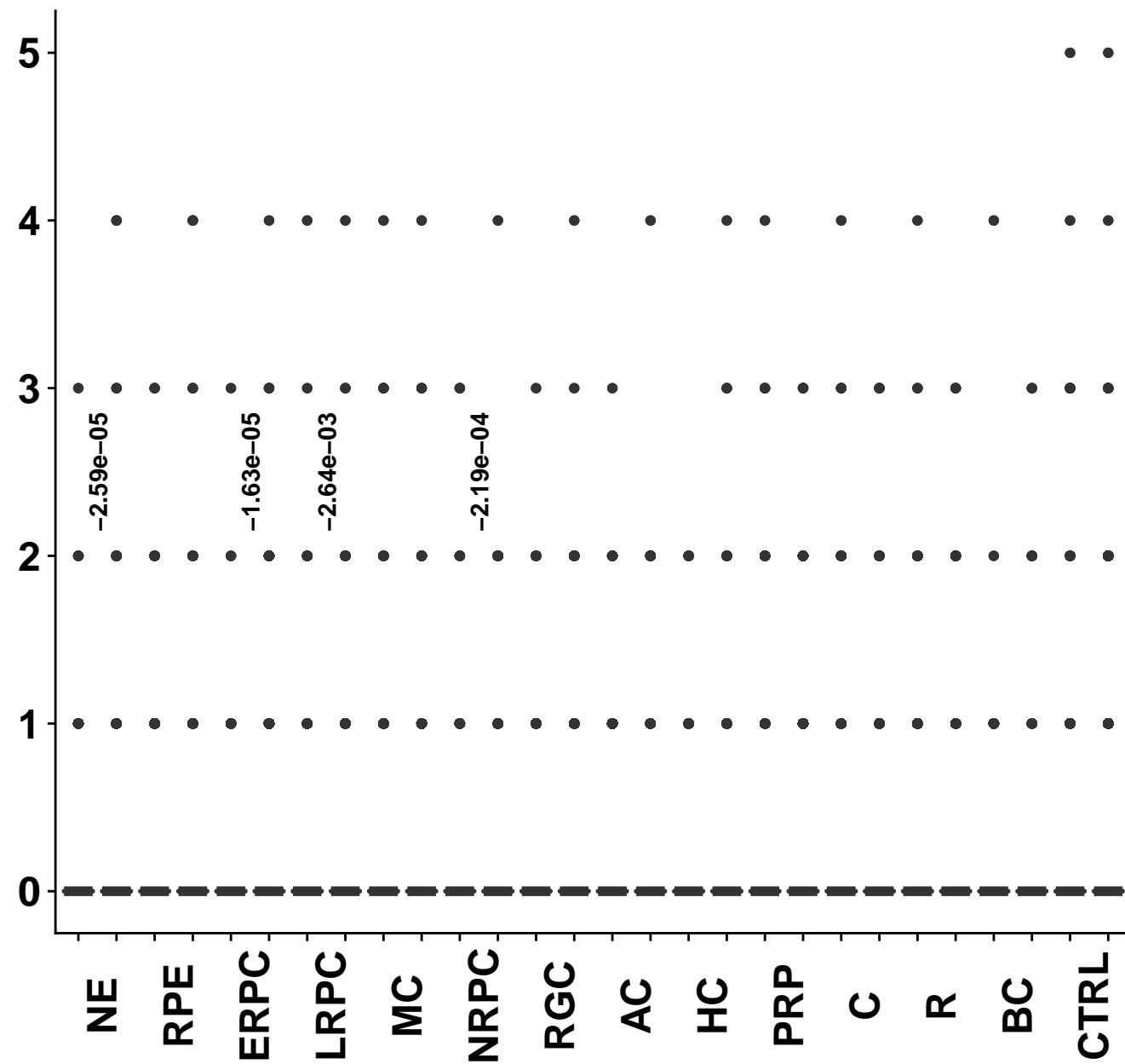
## Foxp1\_1\_total



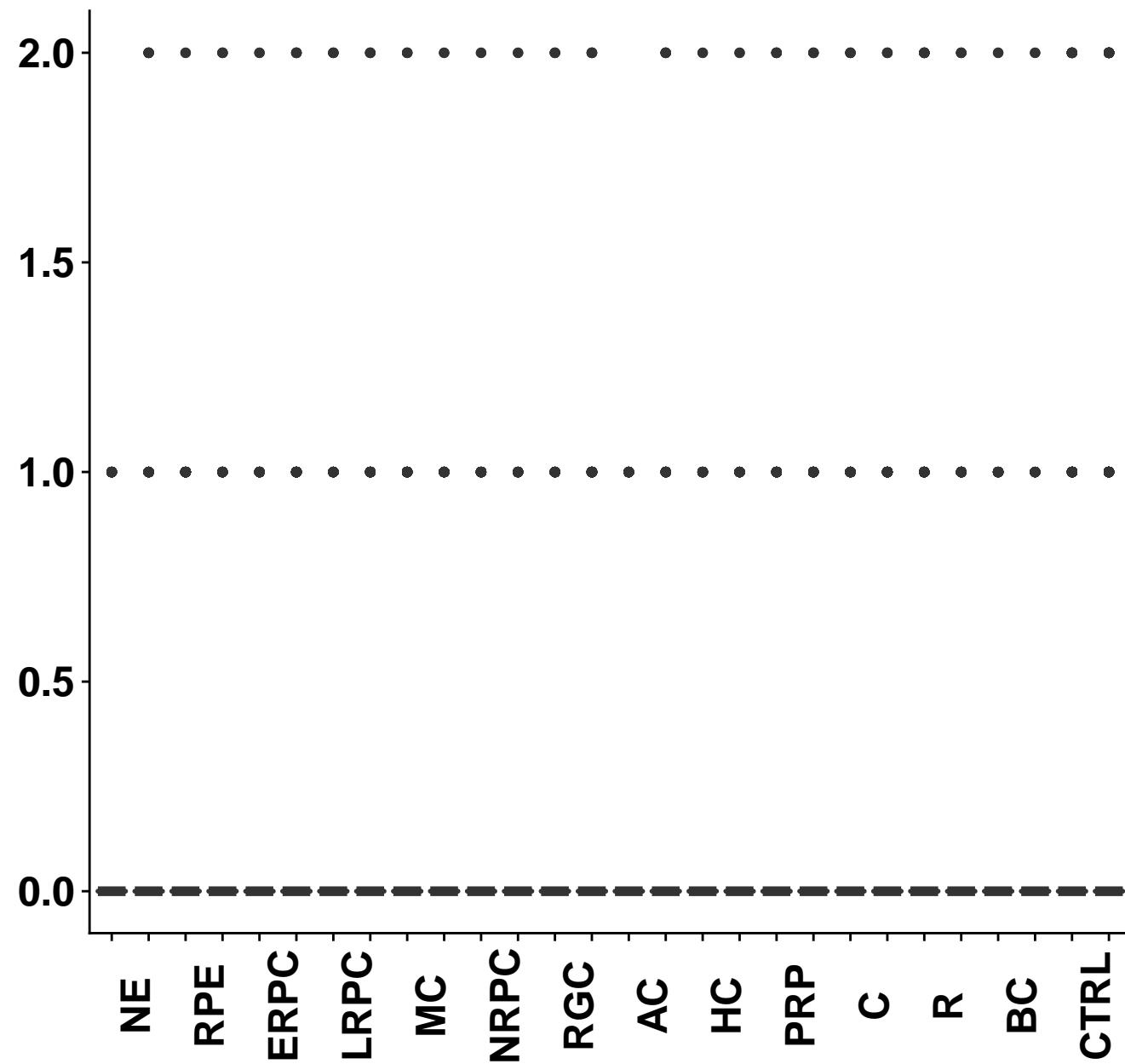
## Foxp1\_2\_total



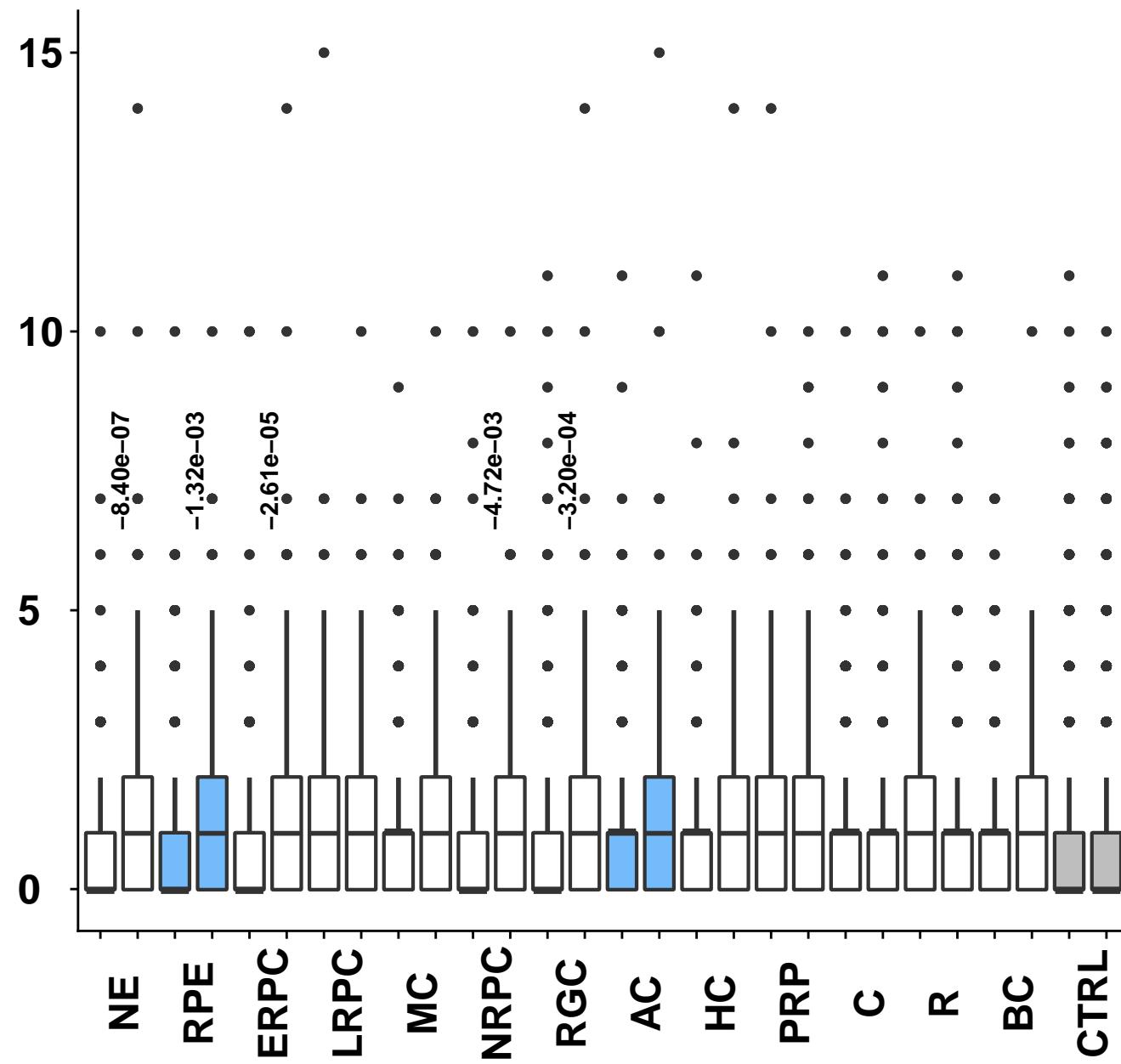
## Maf\_6\_total



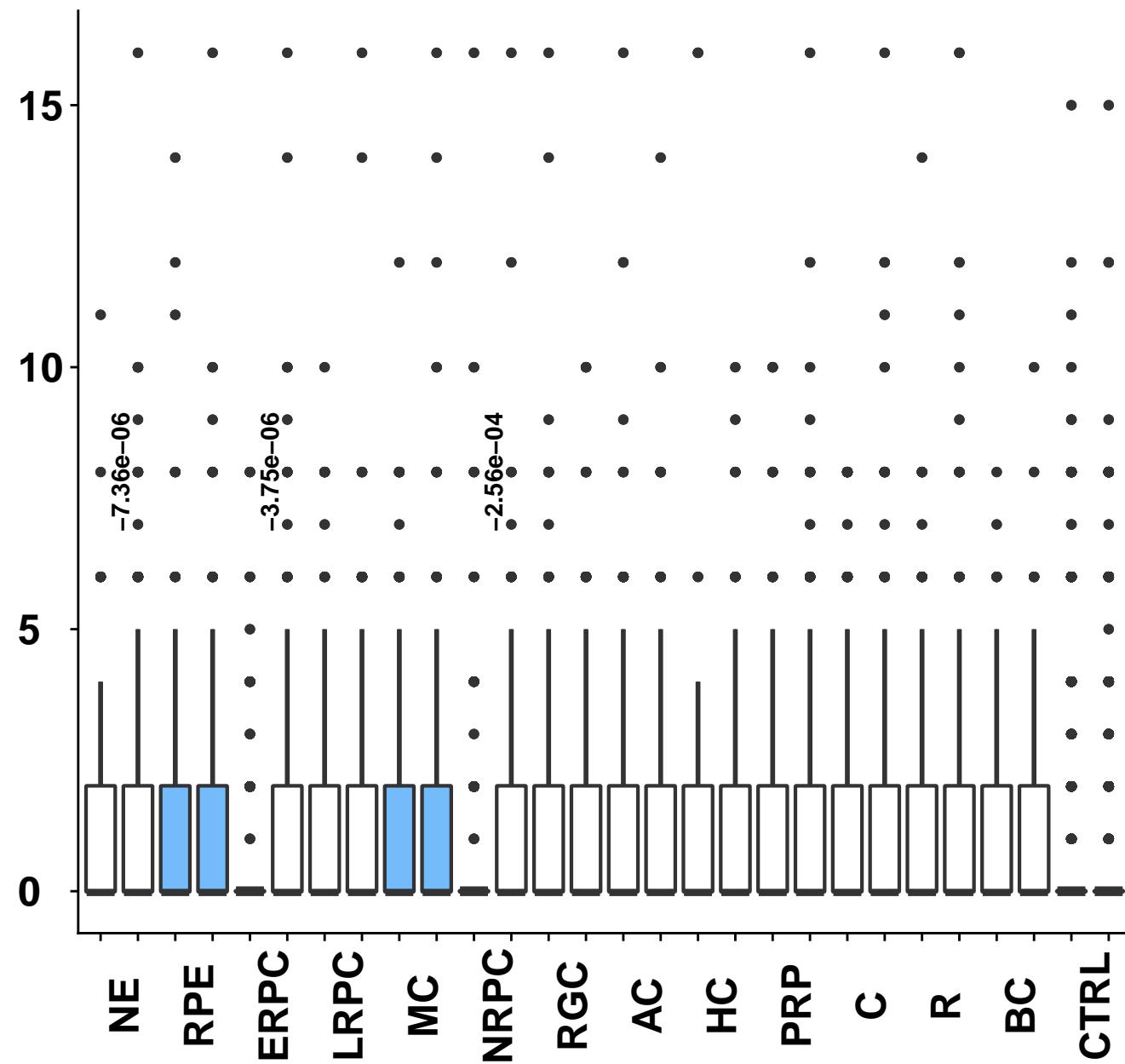
## Nr4a1\_1\_total



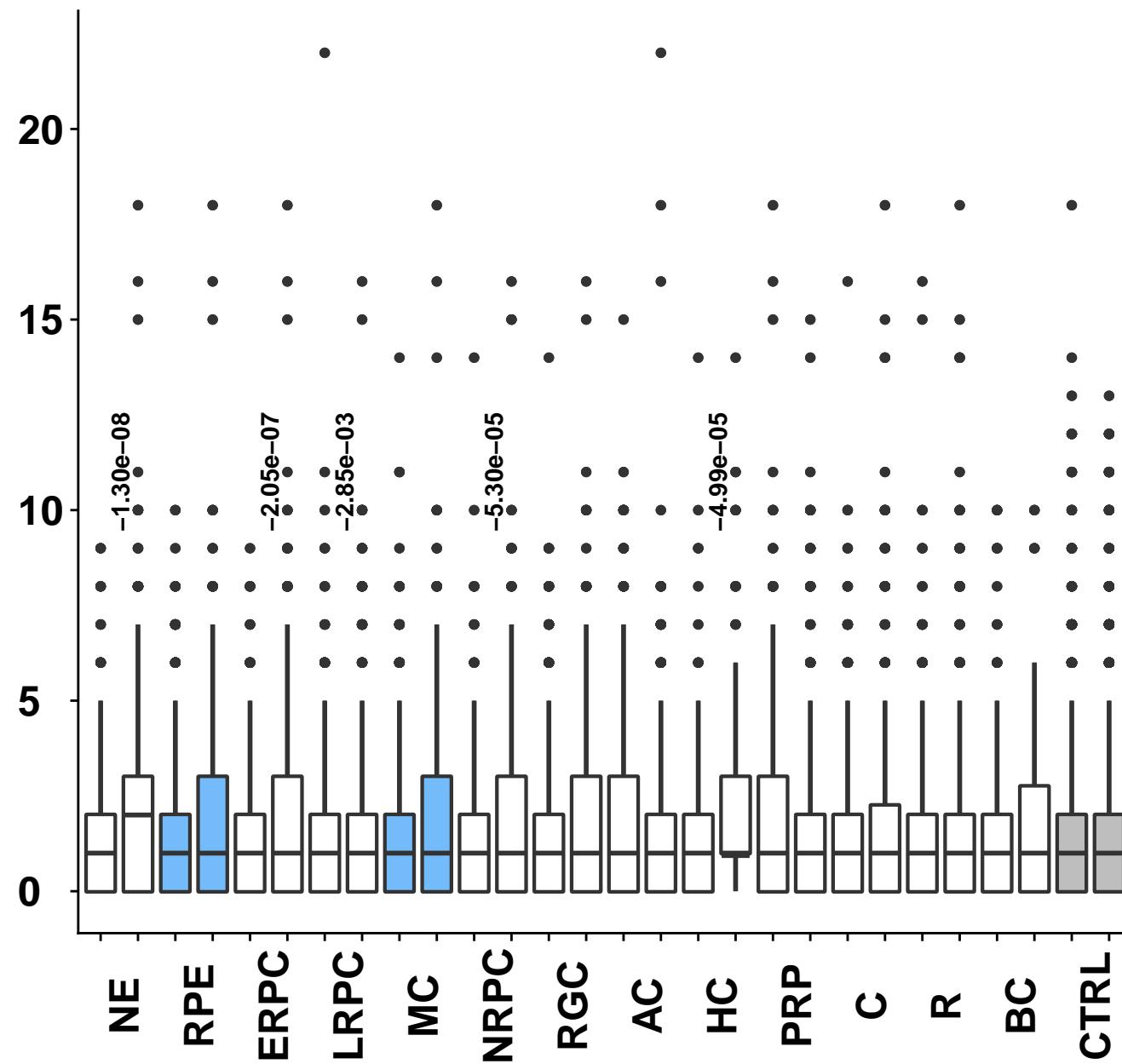
## Nr4a1\_2\_total



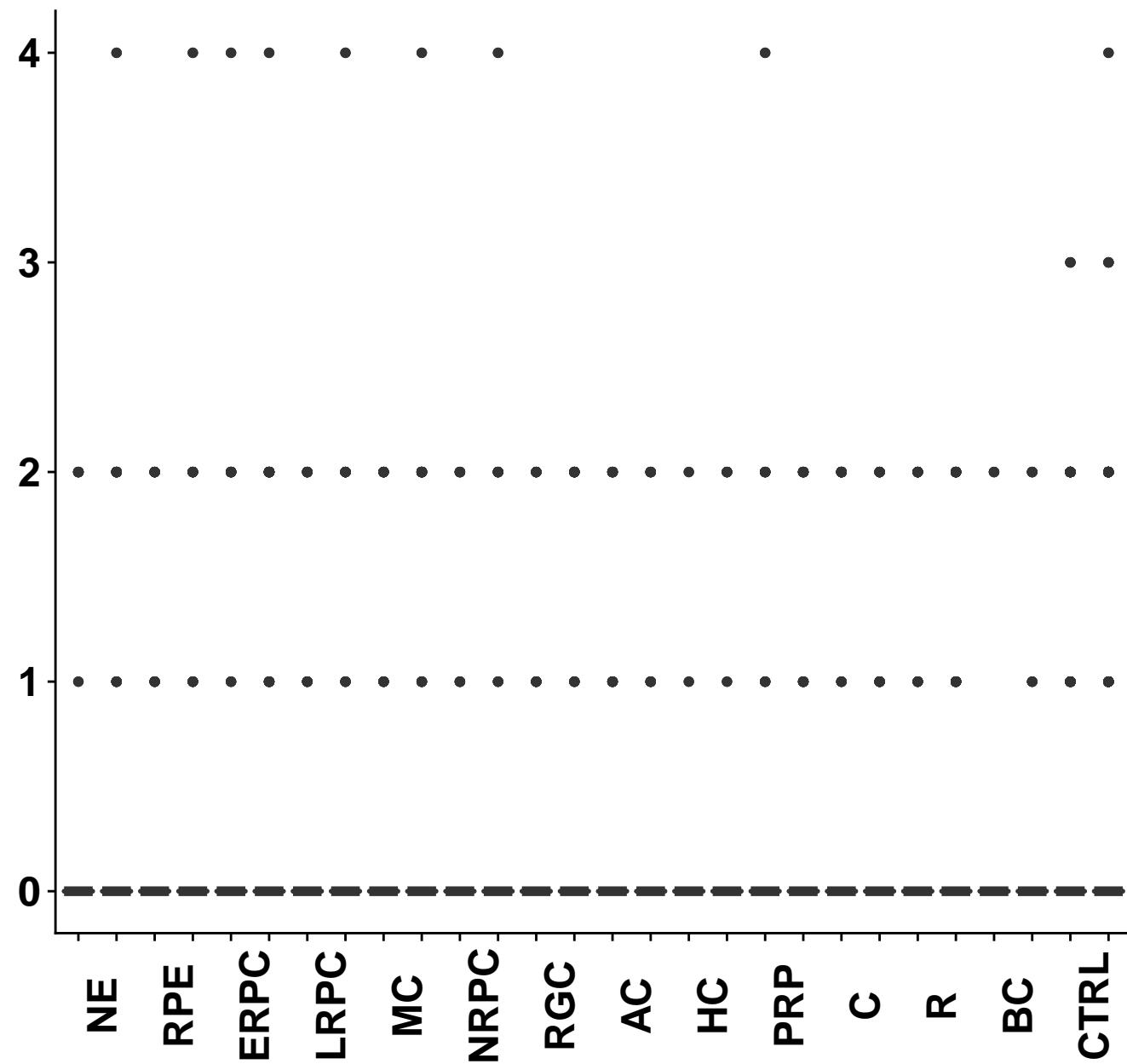
## Atf3\_1\_total



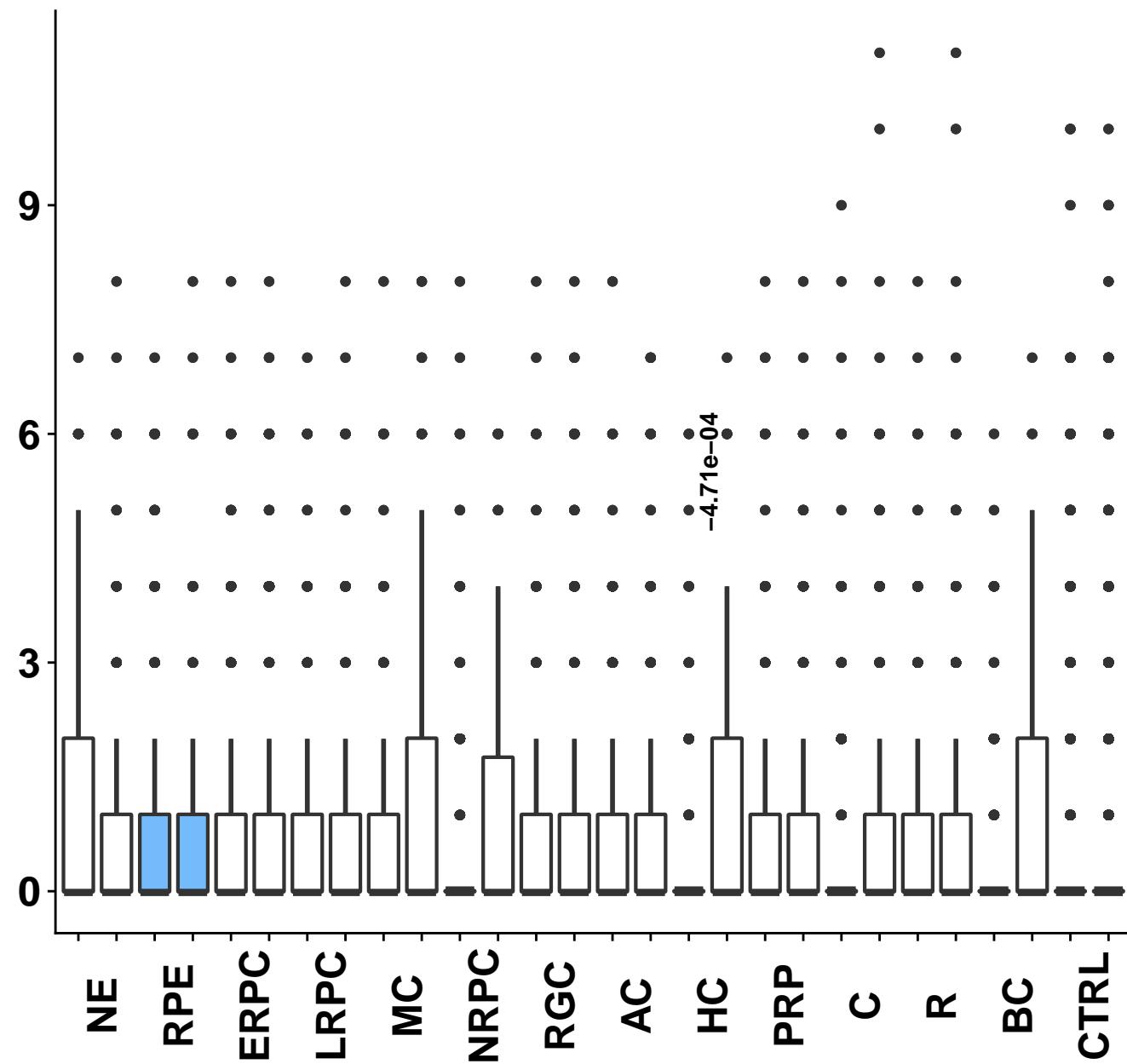
## Atf3\_2\_total



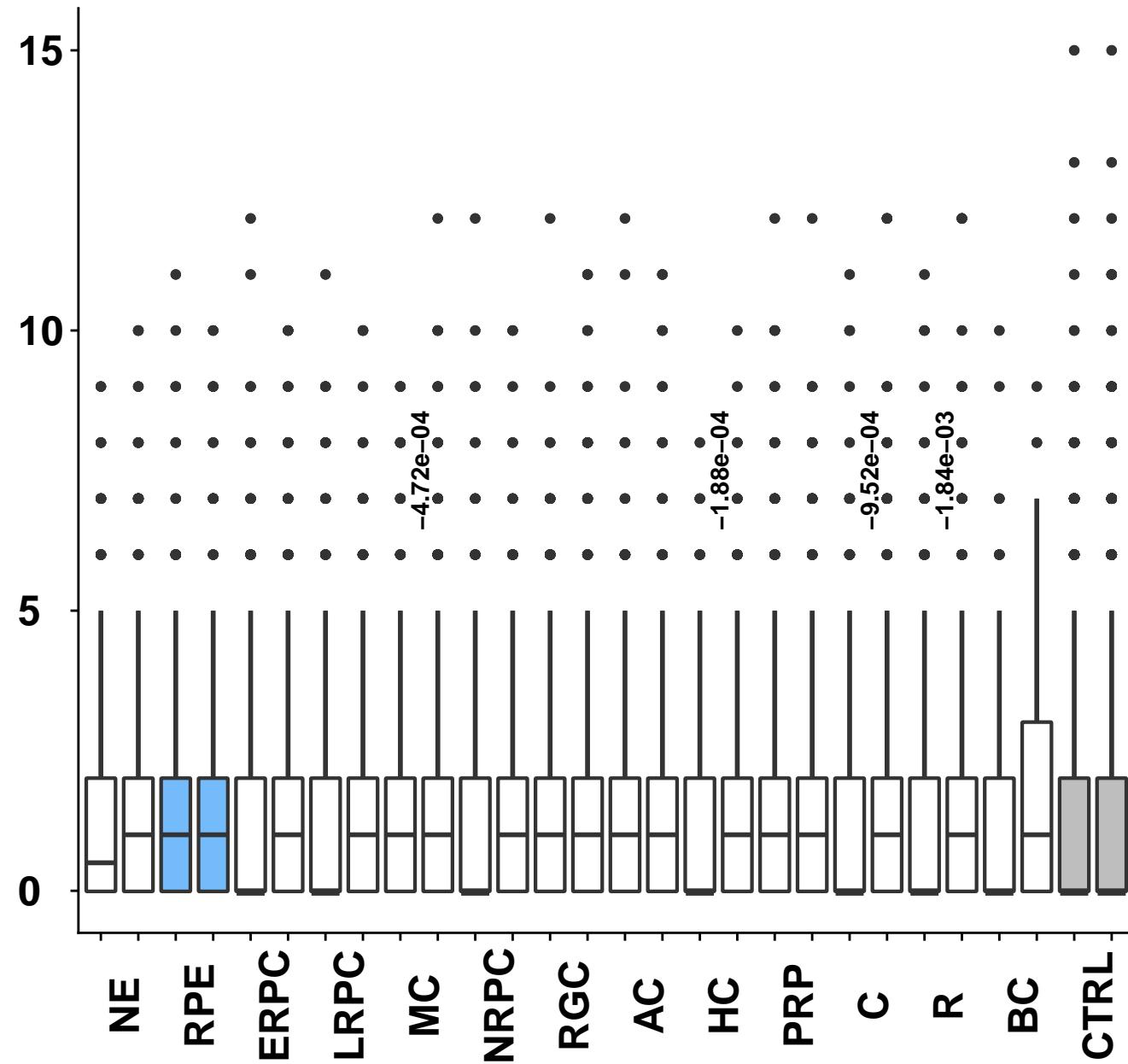
### Atf3\_3\_total



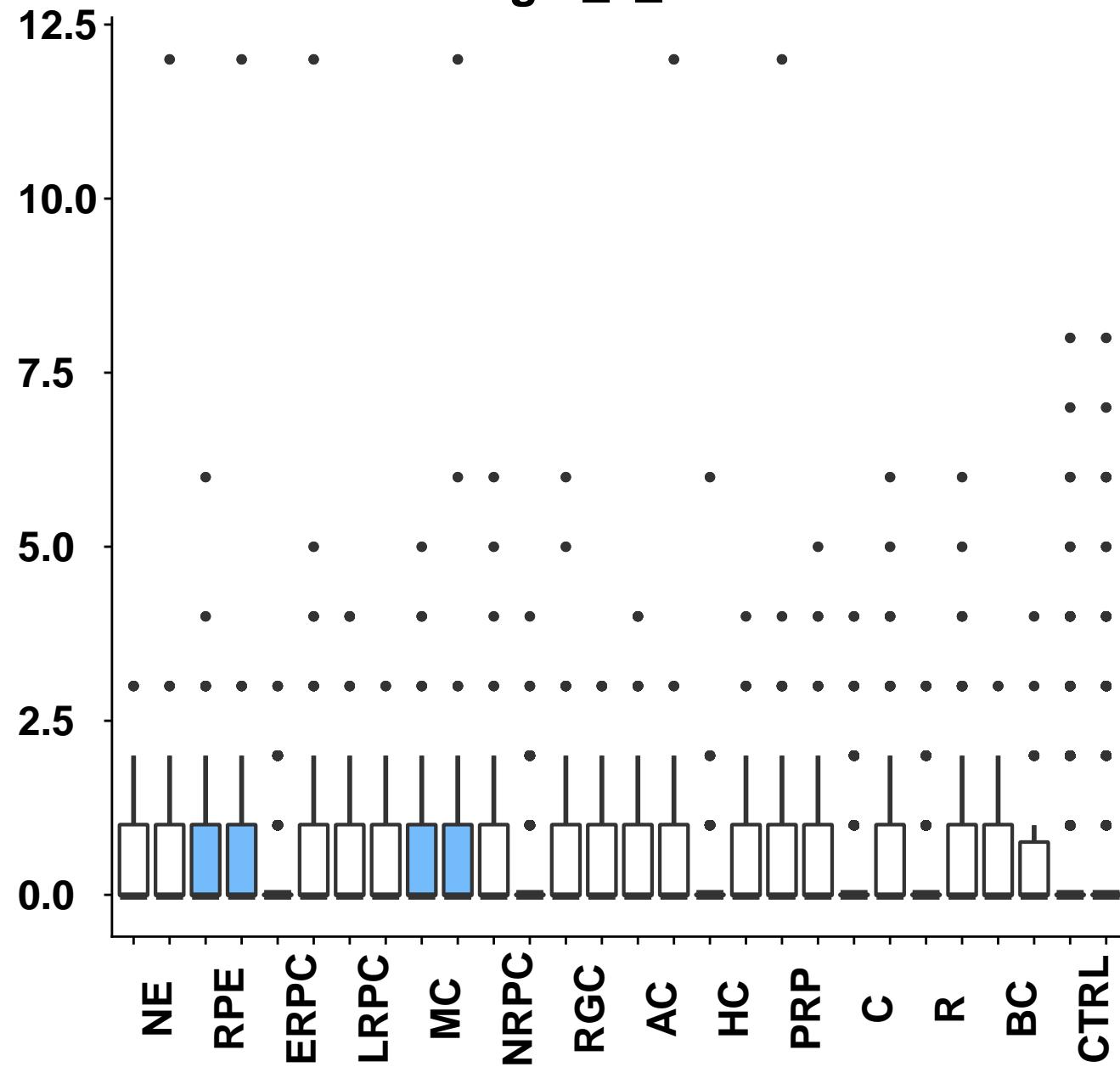
# Bhlhe40\_1\_total



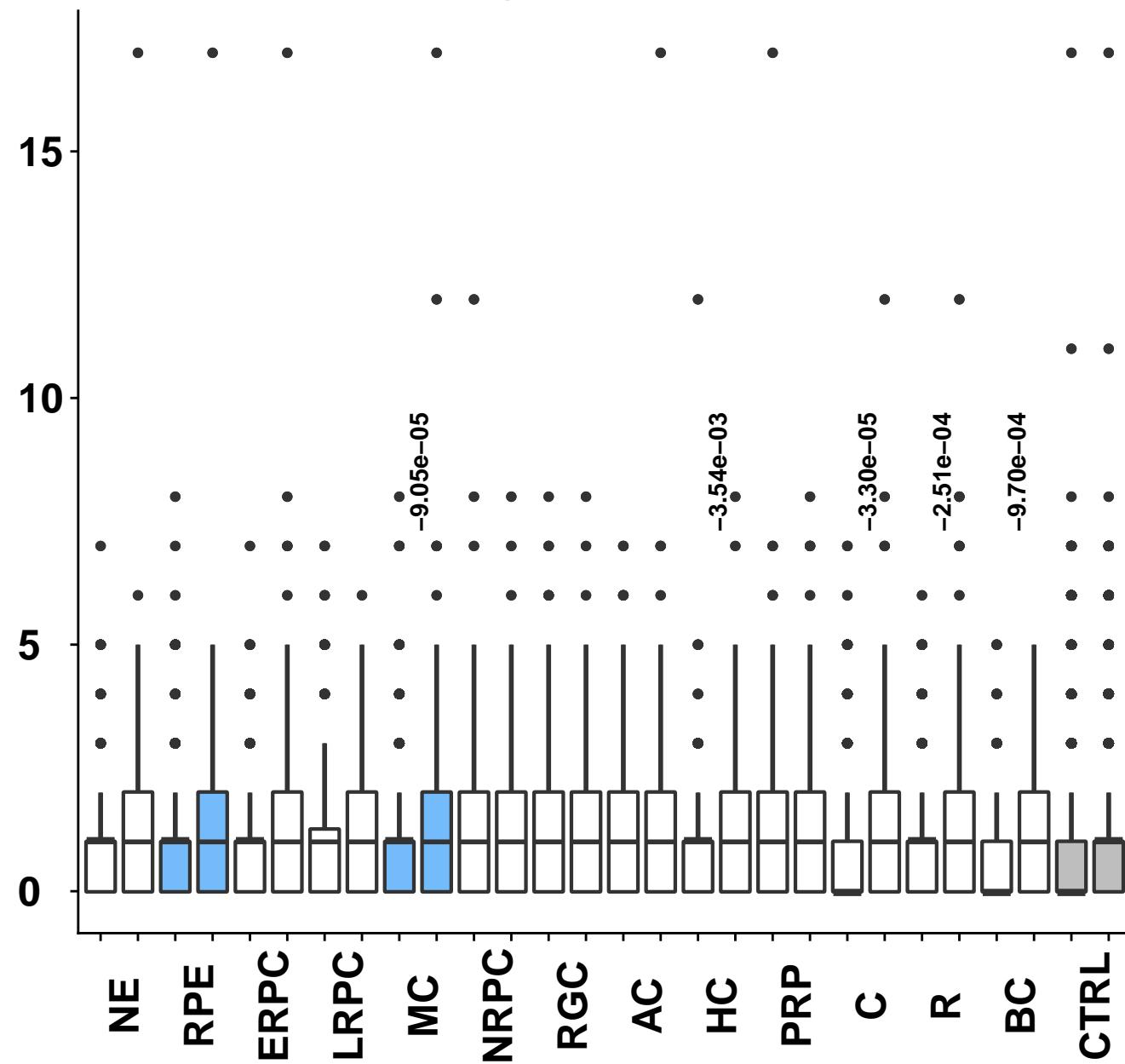
## Bhlhe40\_2\_total



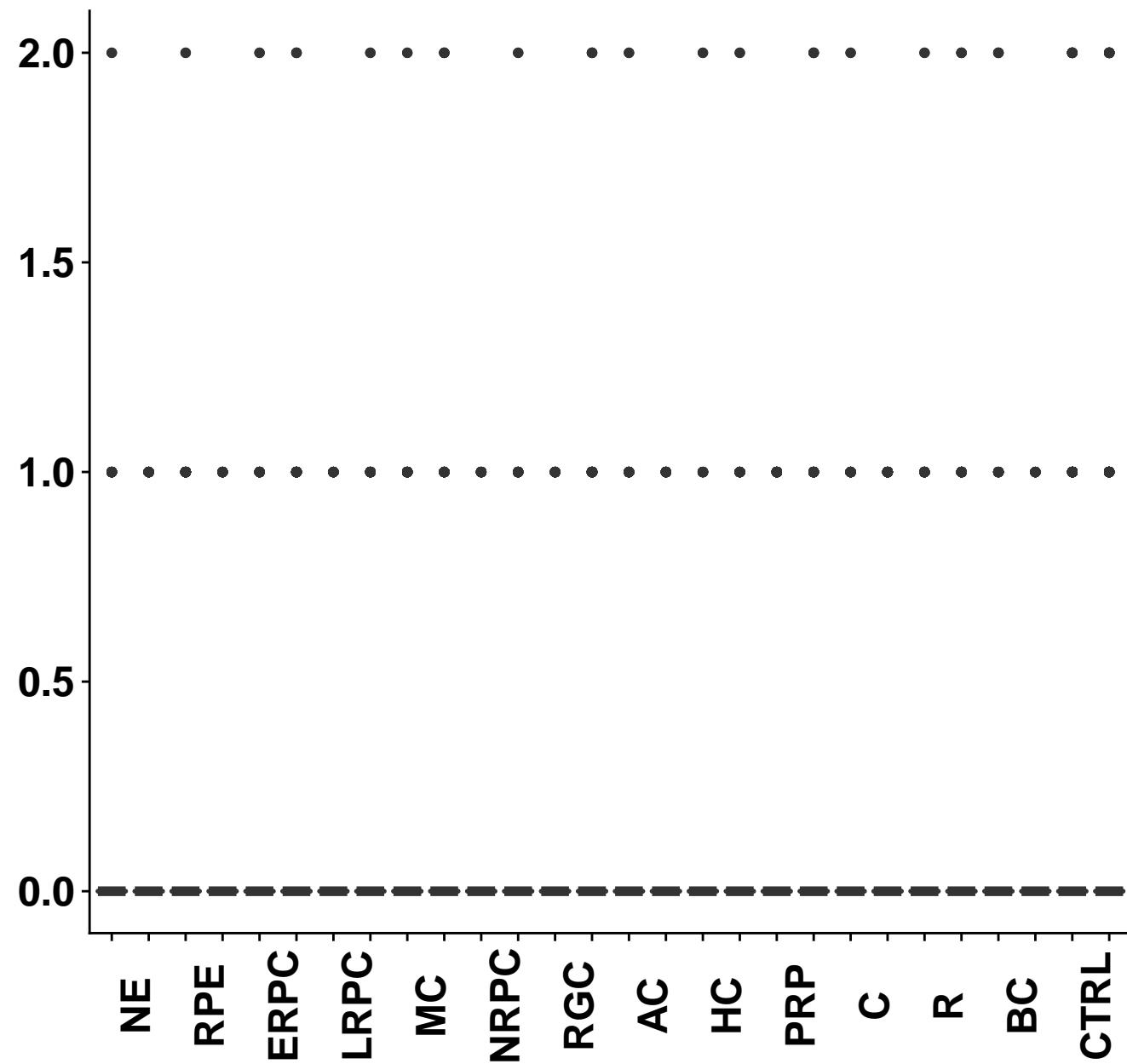
## Egr2\_1\_total



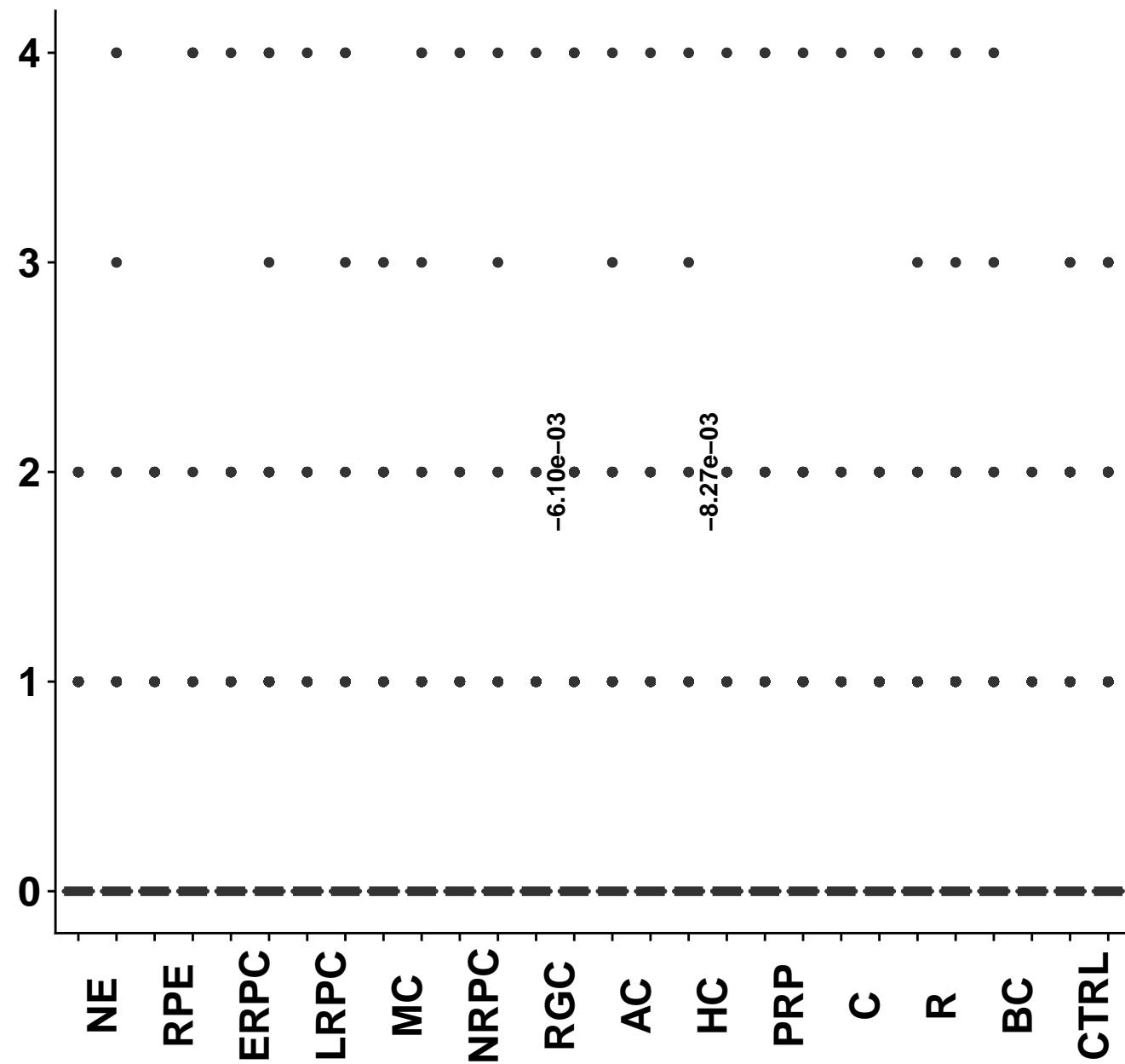
## Egr2\_2\_total



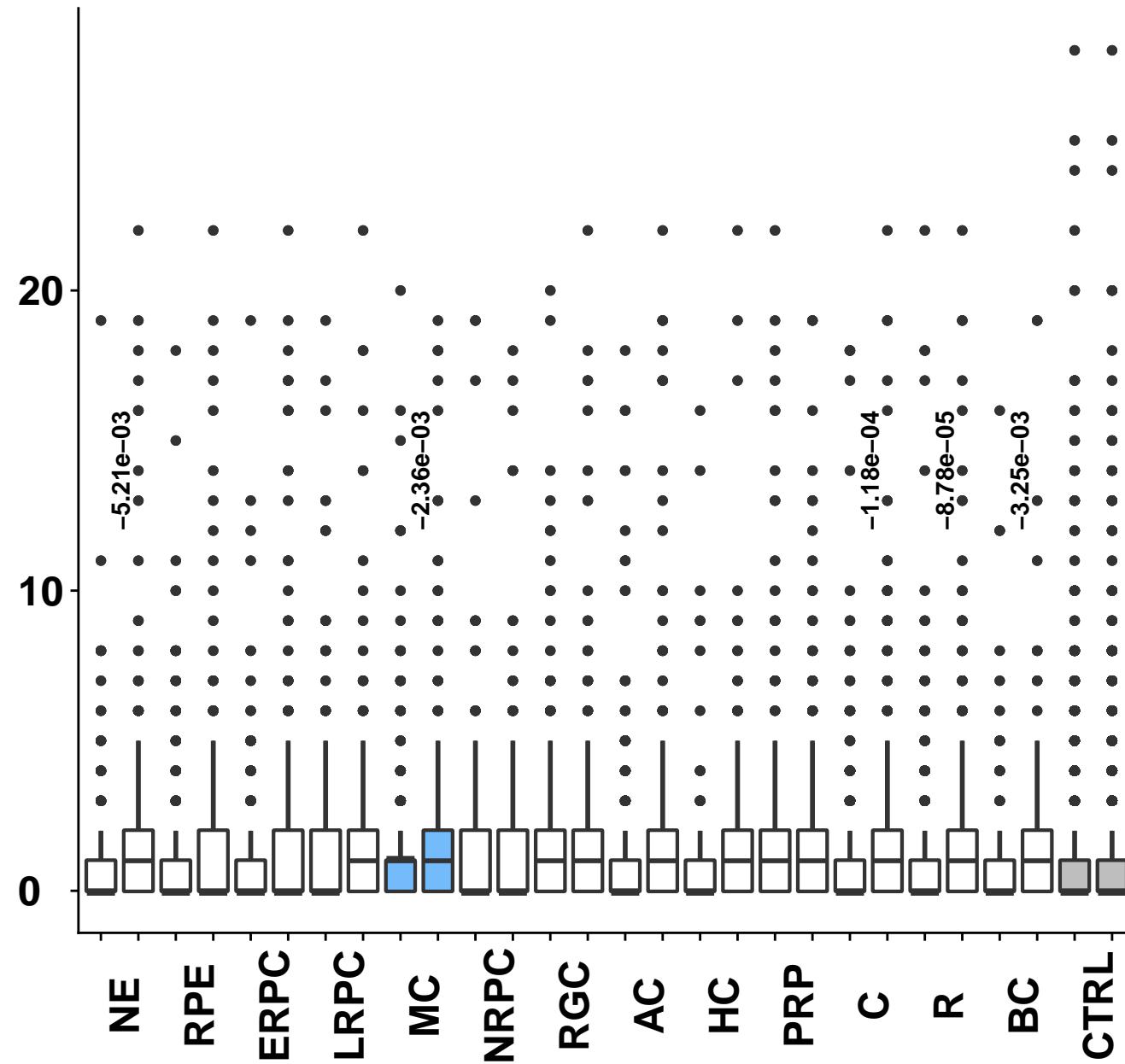
### **Irf1\_1\_total**



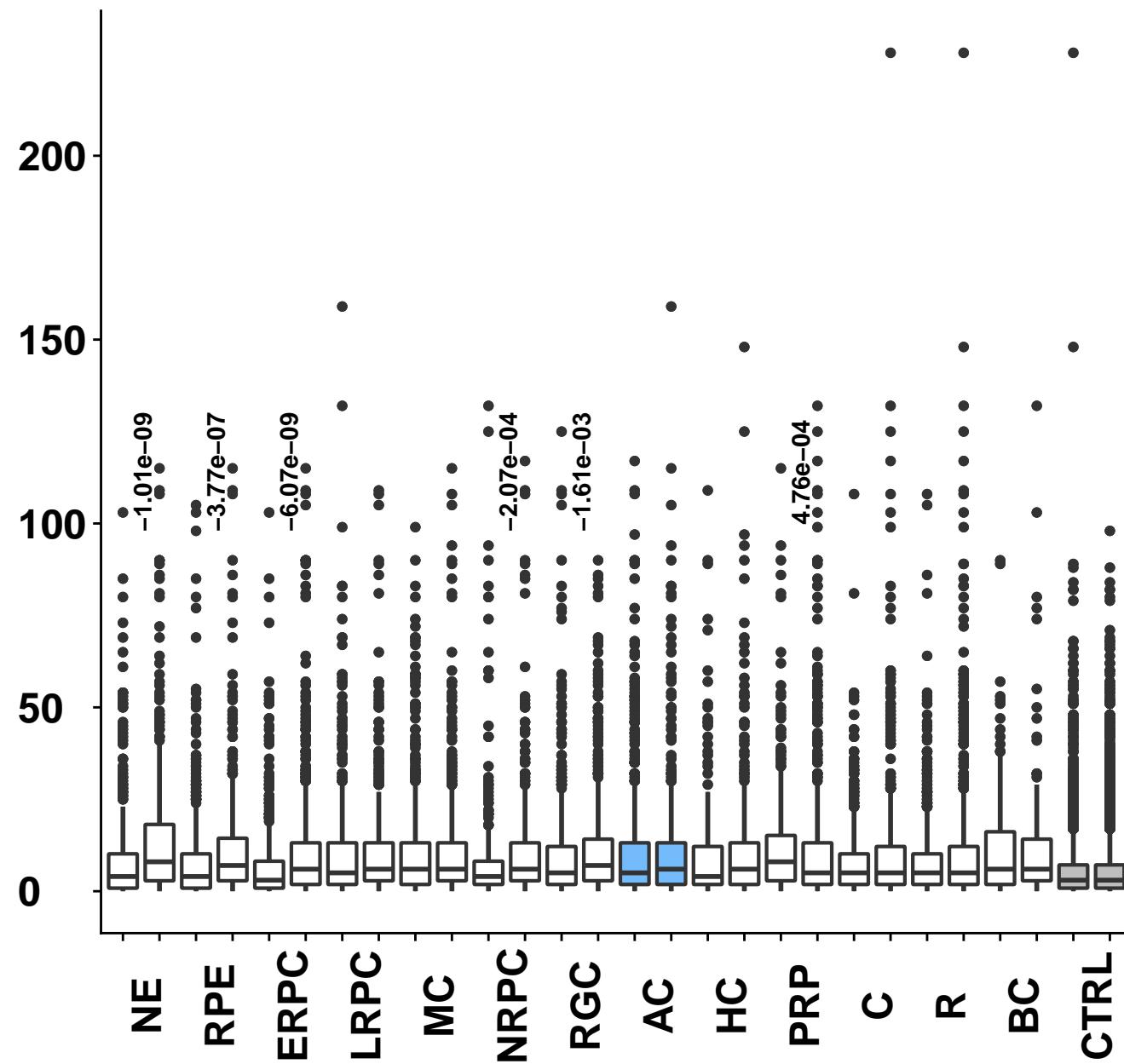
## **Irf1\_2\_total**



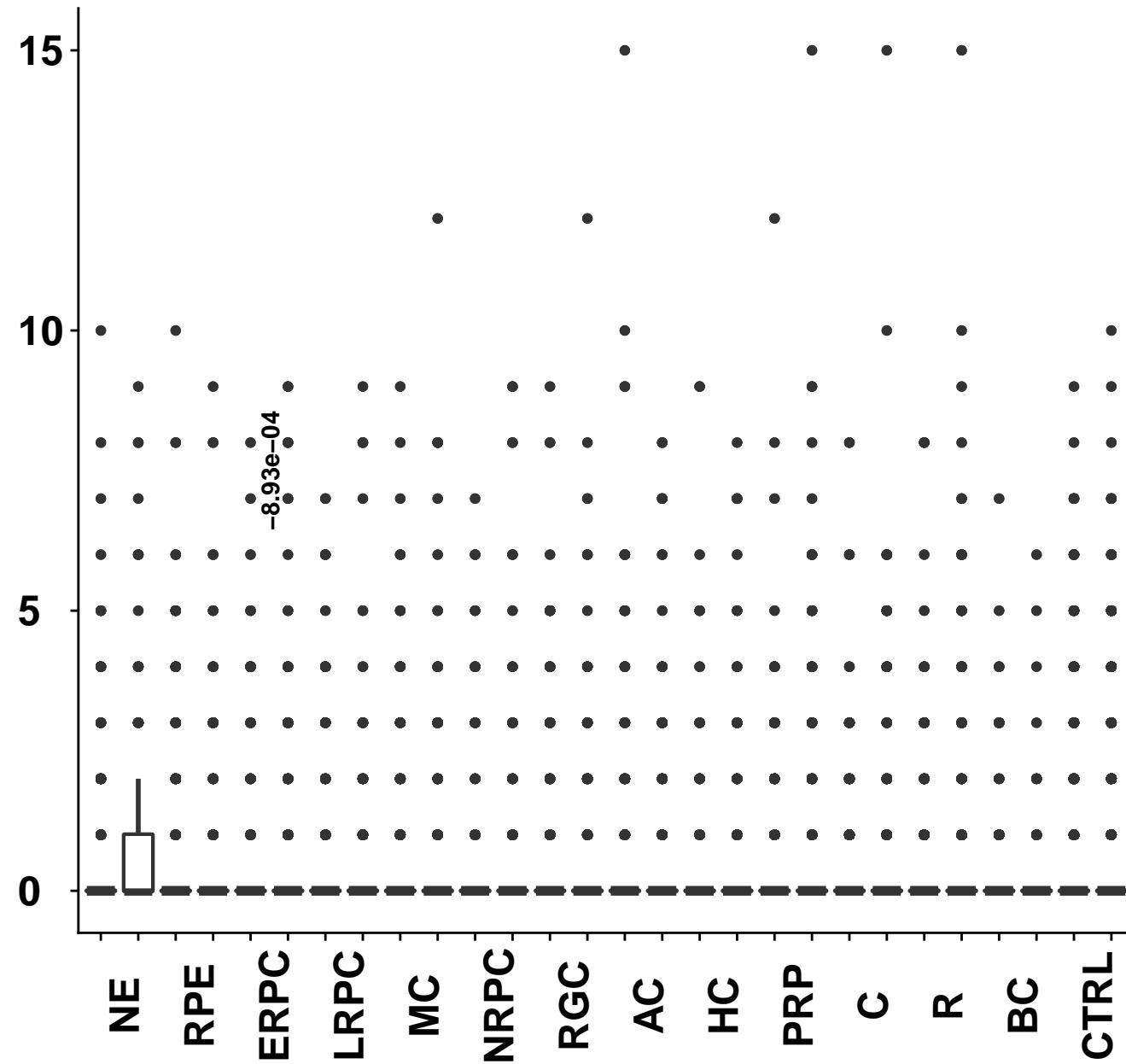
# Klf10\_1\_total



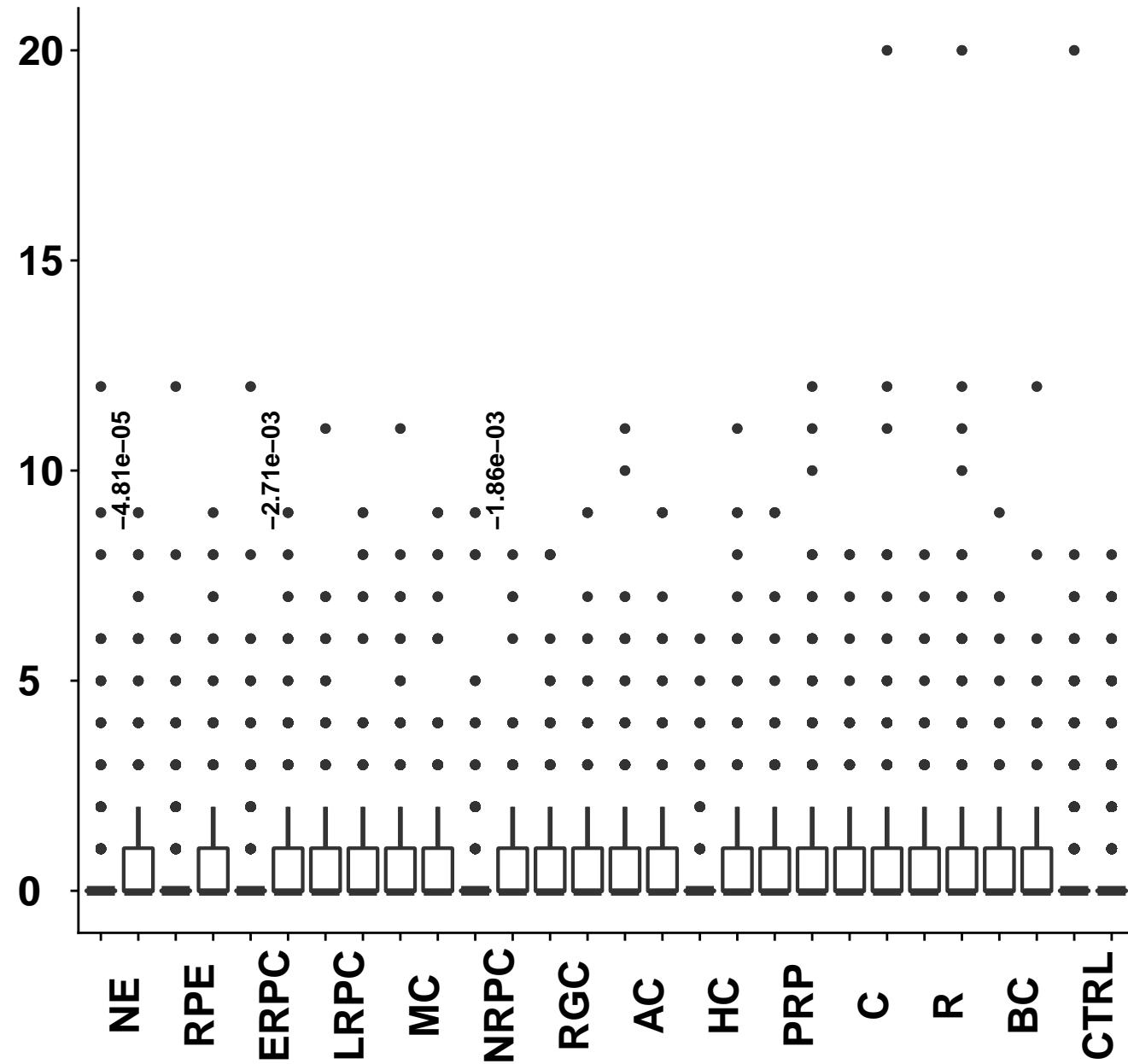
# Lhx9\_1\_total



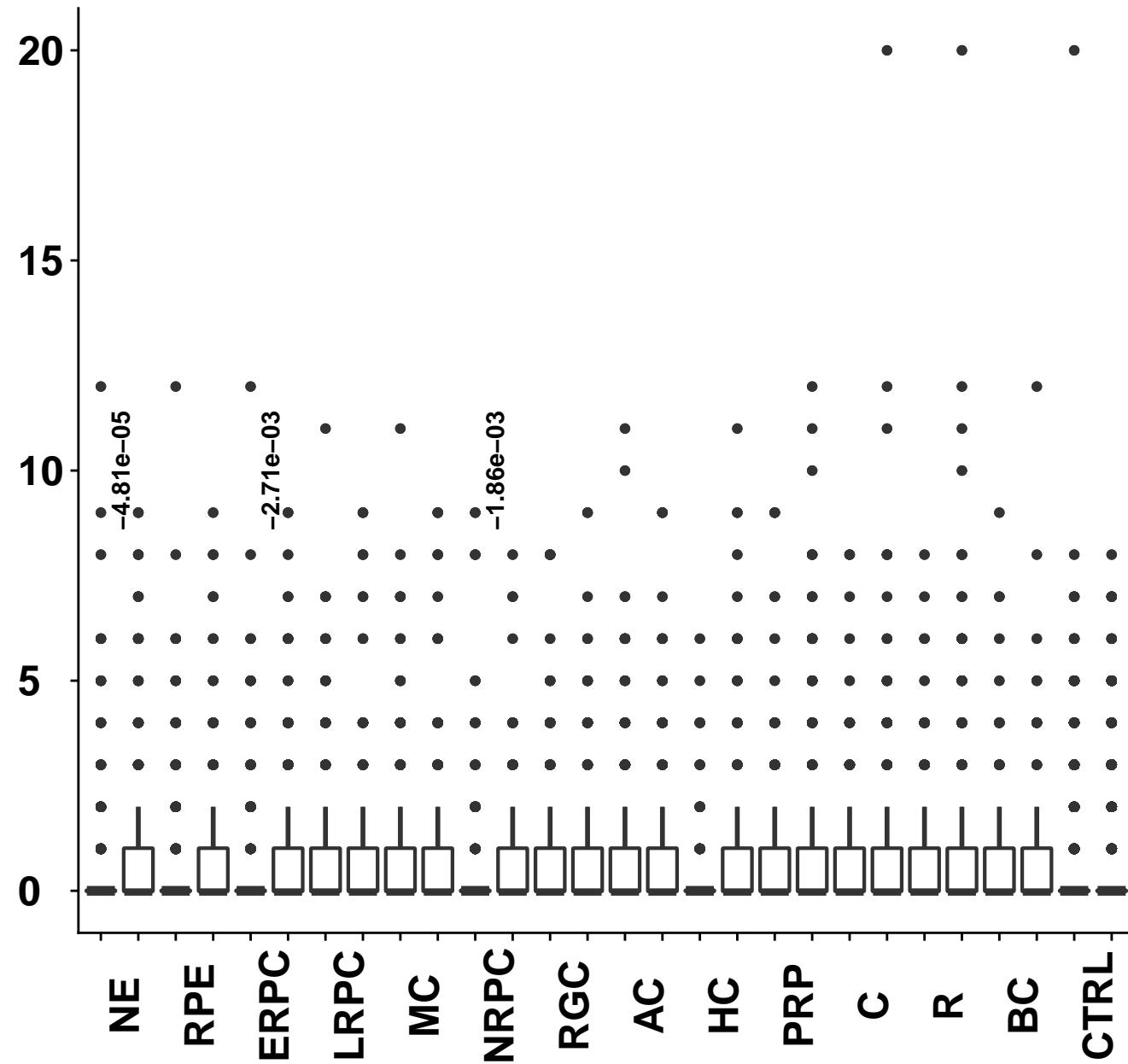
## Lhx9\_2\_total



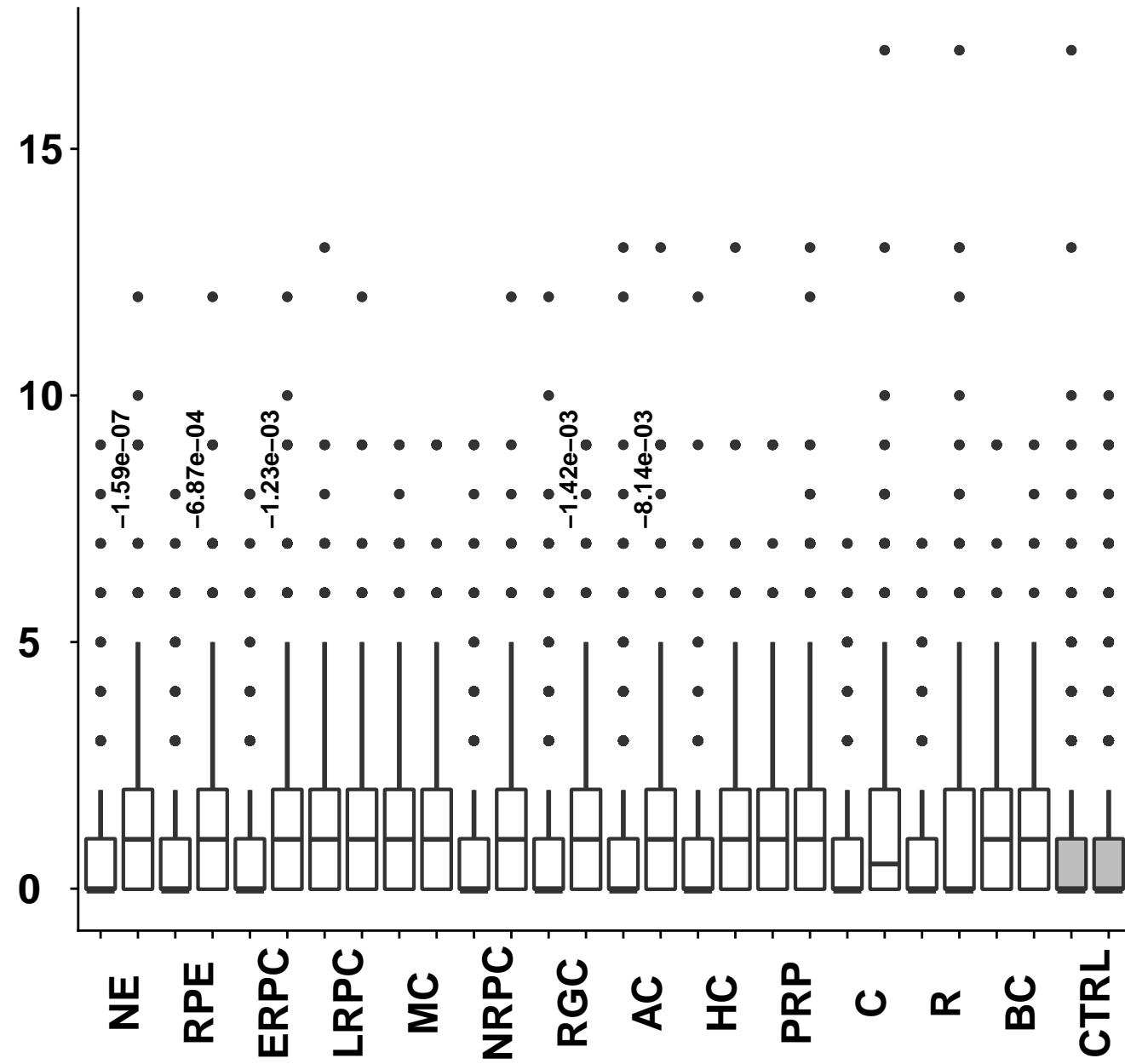
## Arid5a\_1\_total



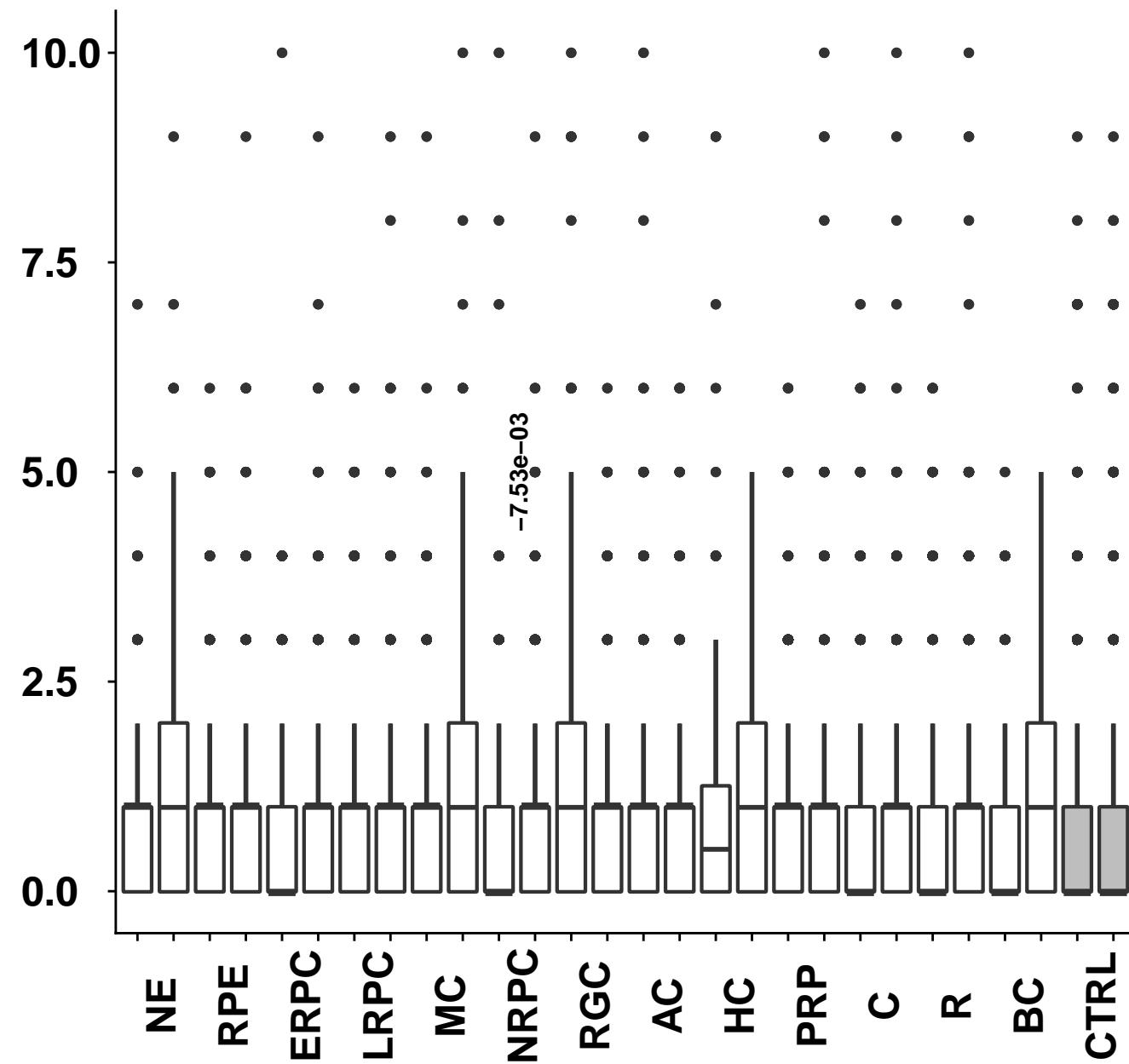
## Arid5a\_2\_total



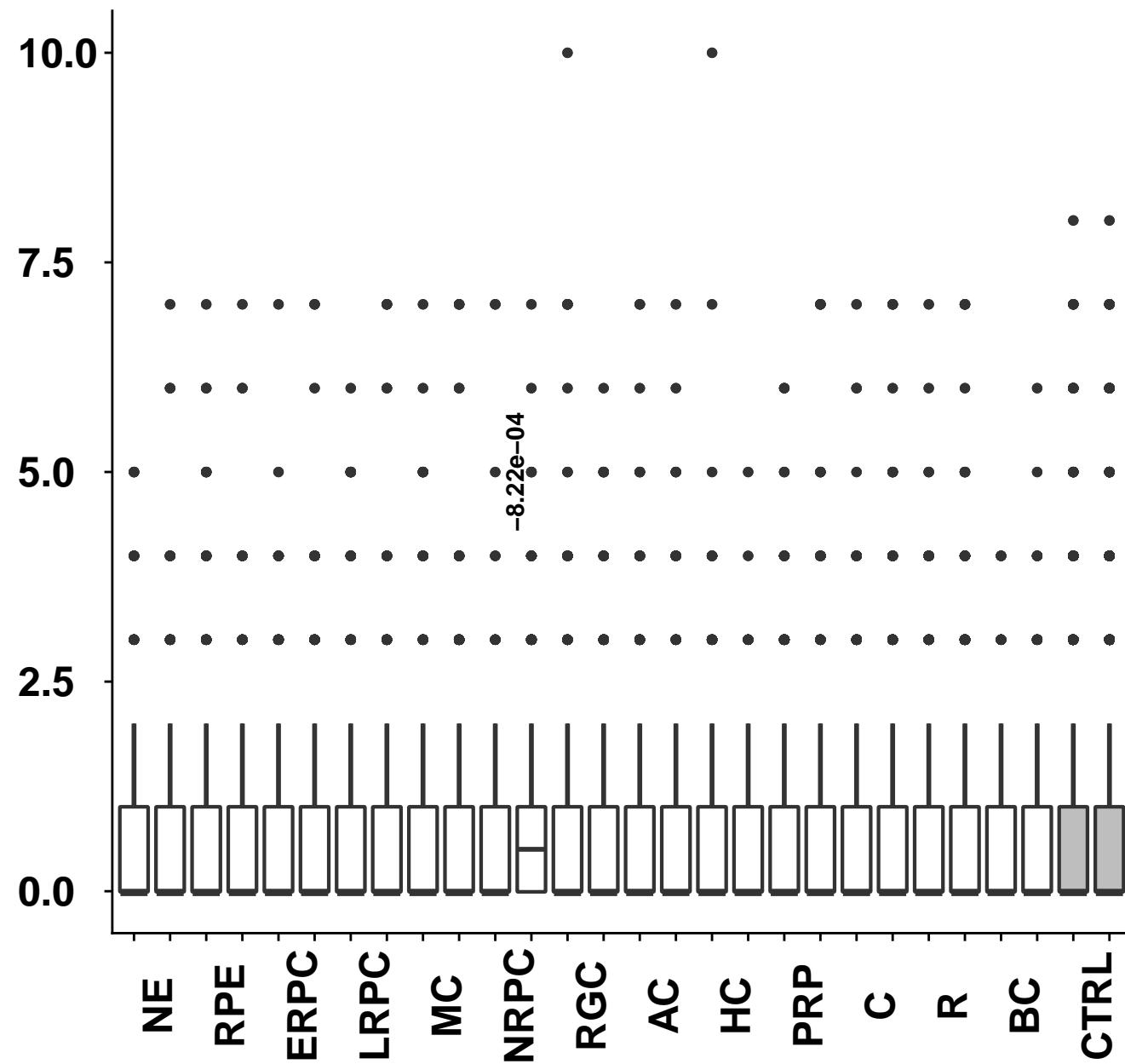
## Arid5a\_3\_total



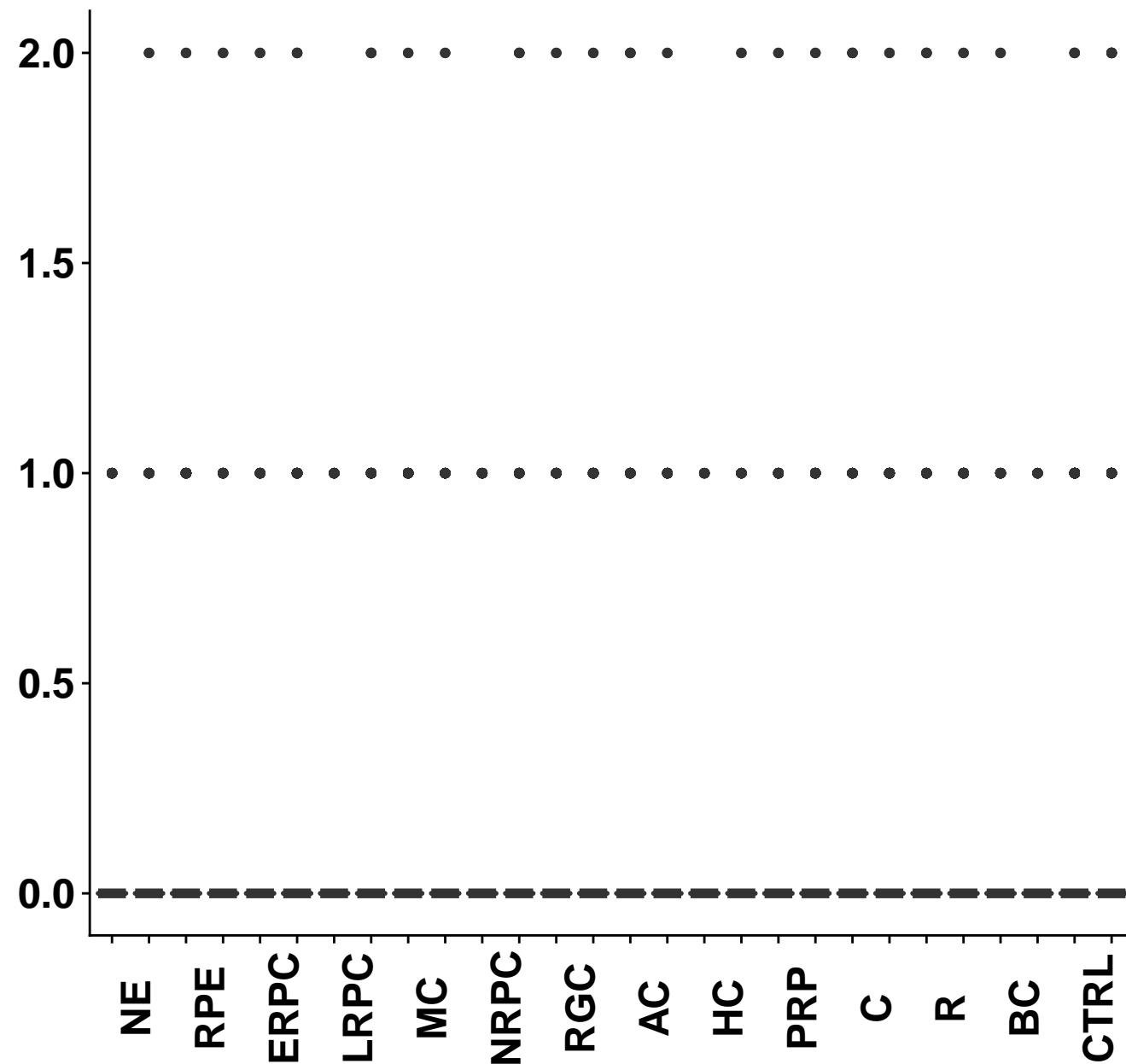
## Ctcf\_1\_total



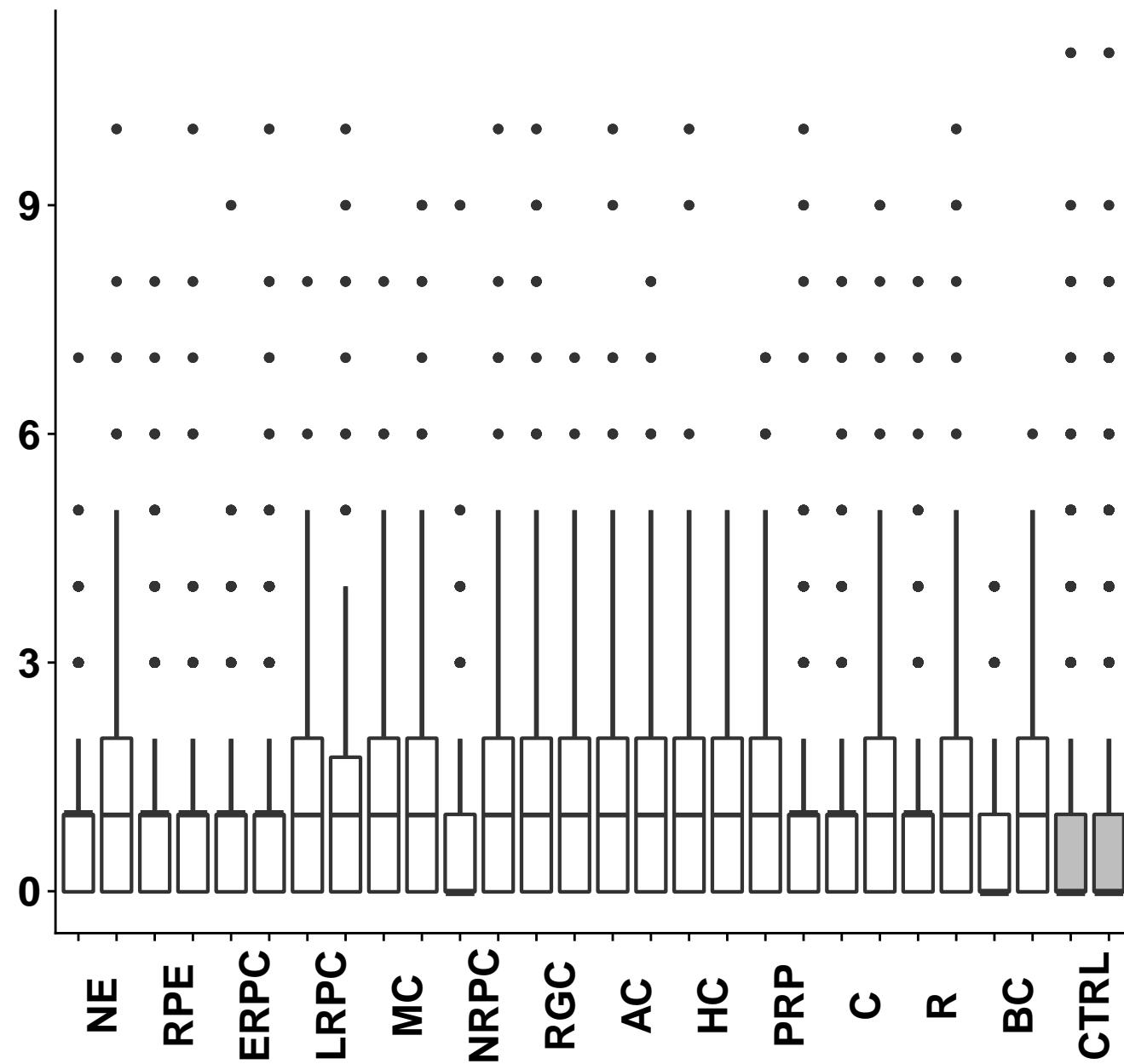
## Ctcf\_2\_total



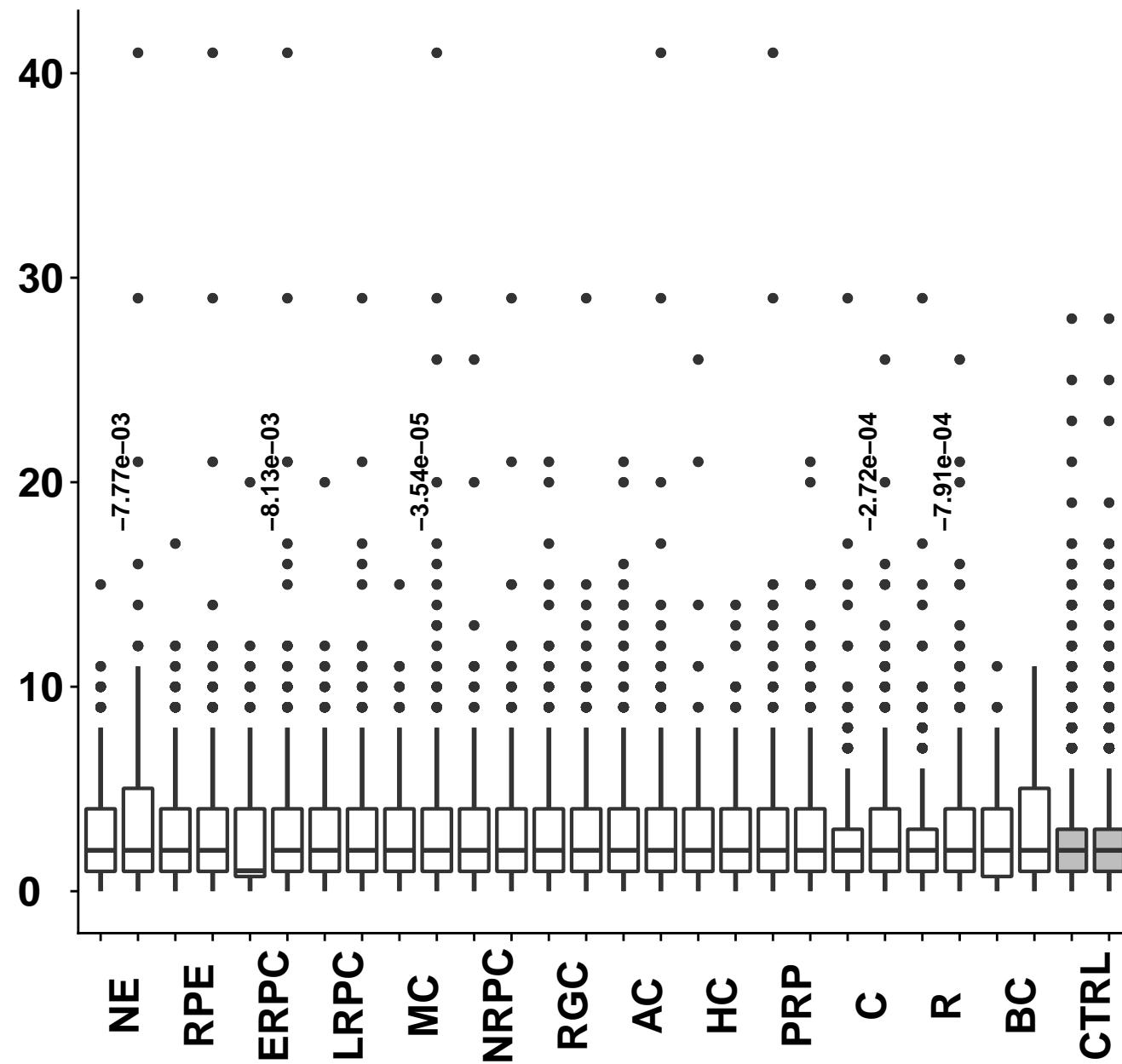
### Ctcf\_3\_total



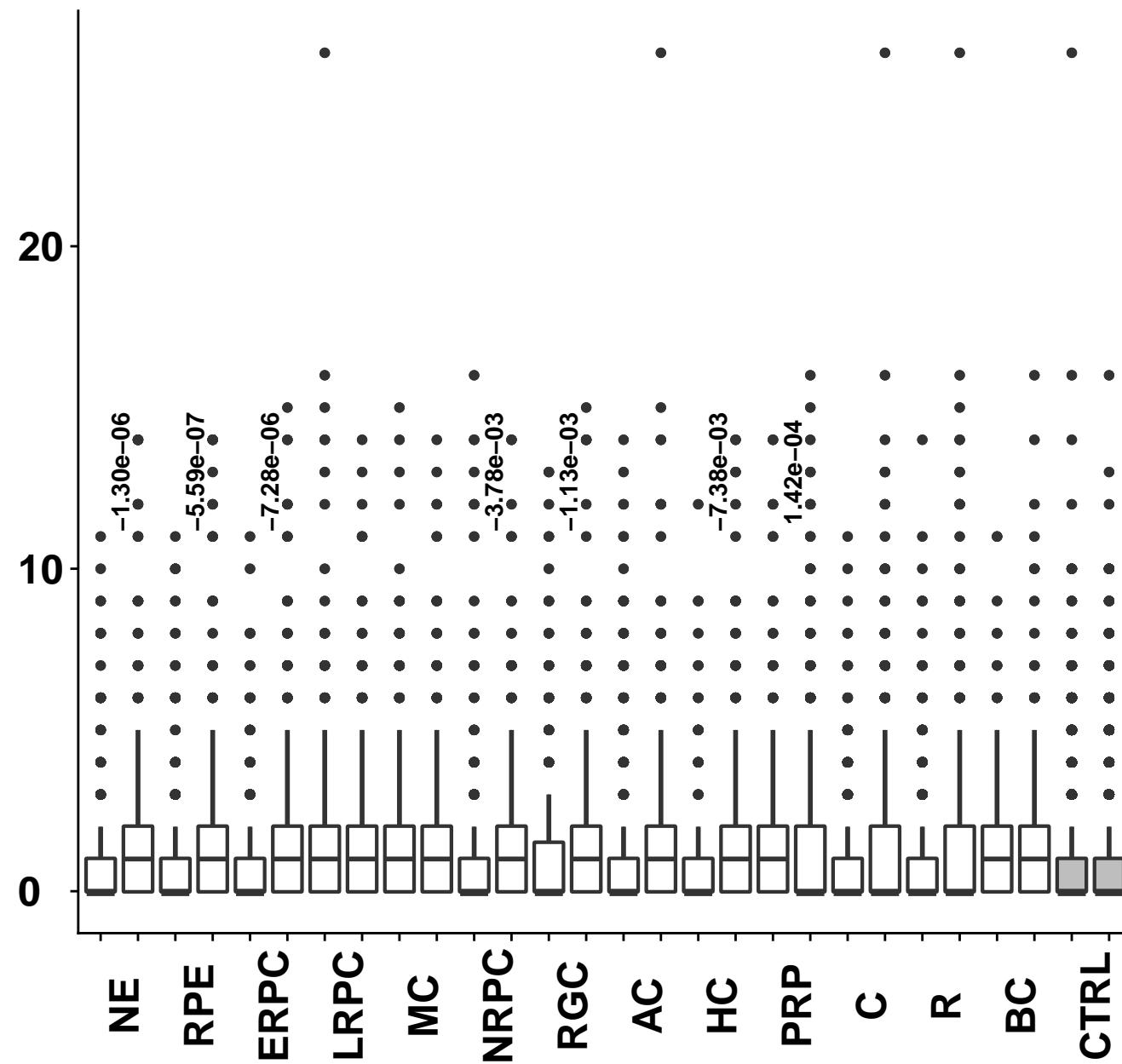
## Ctcf\_4\_total



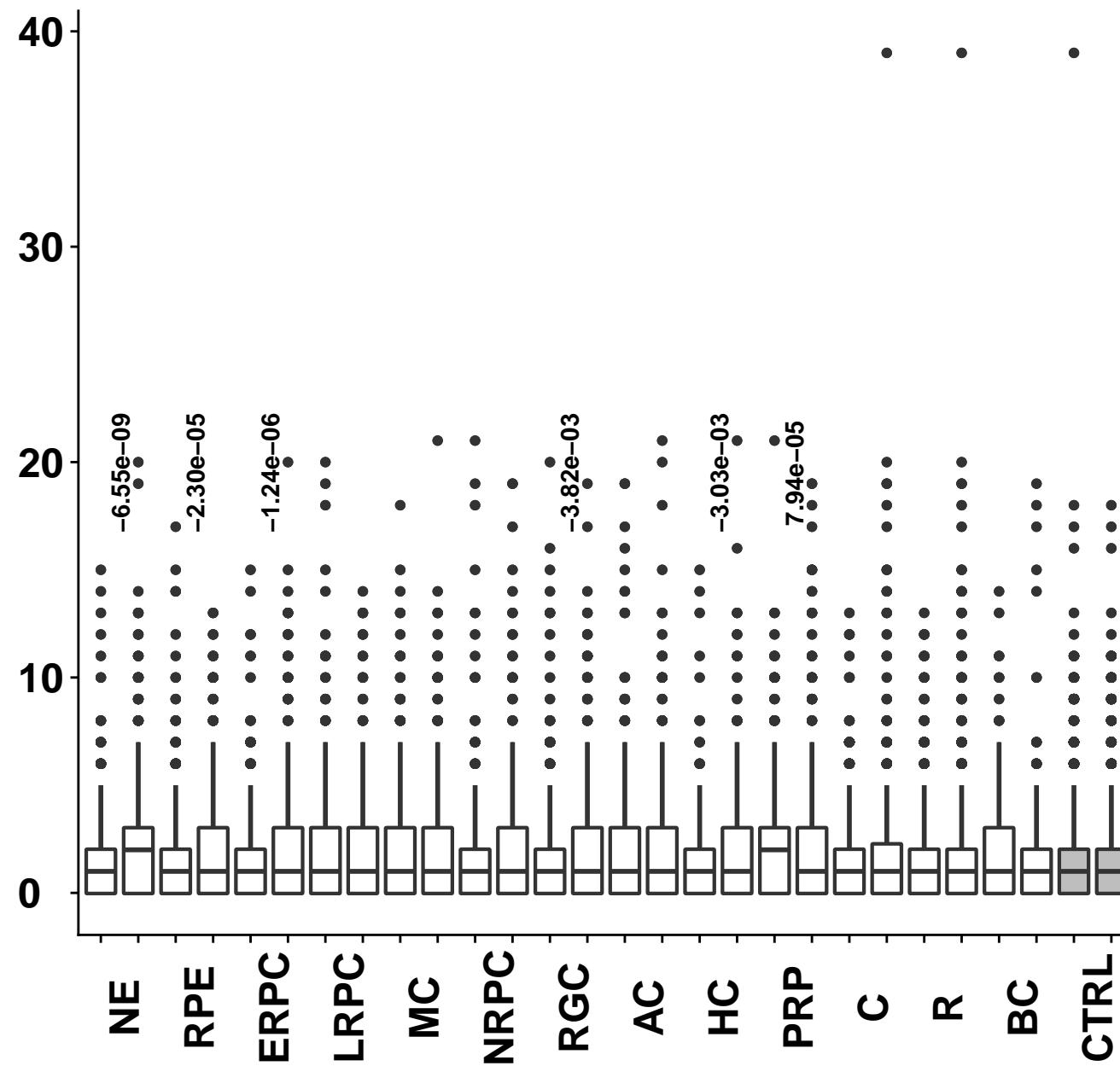
## Ctcf\_5\_total



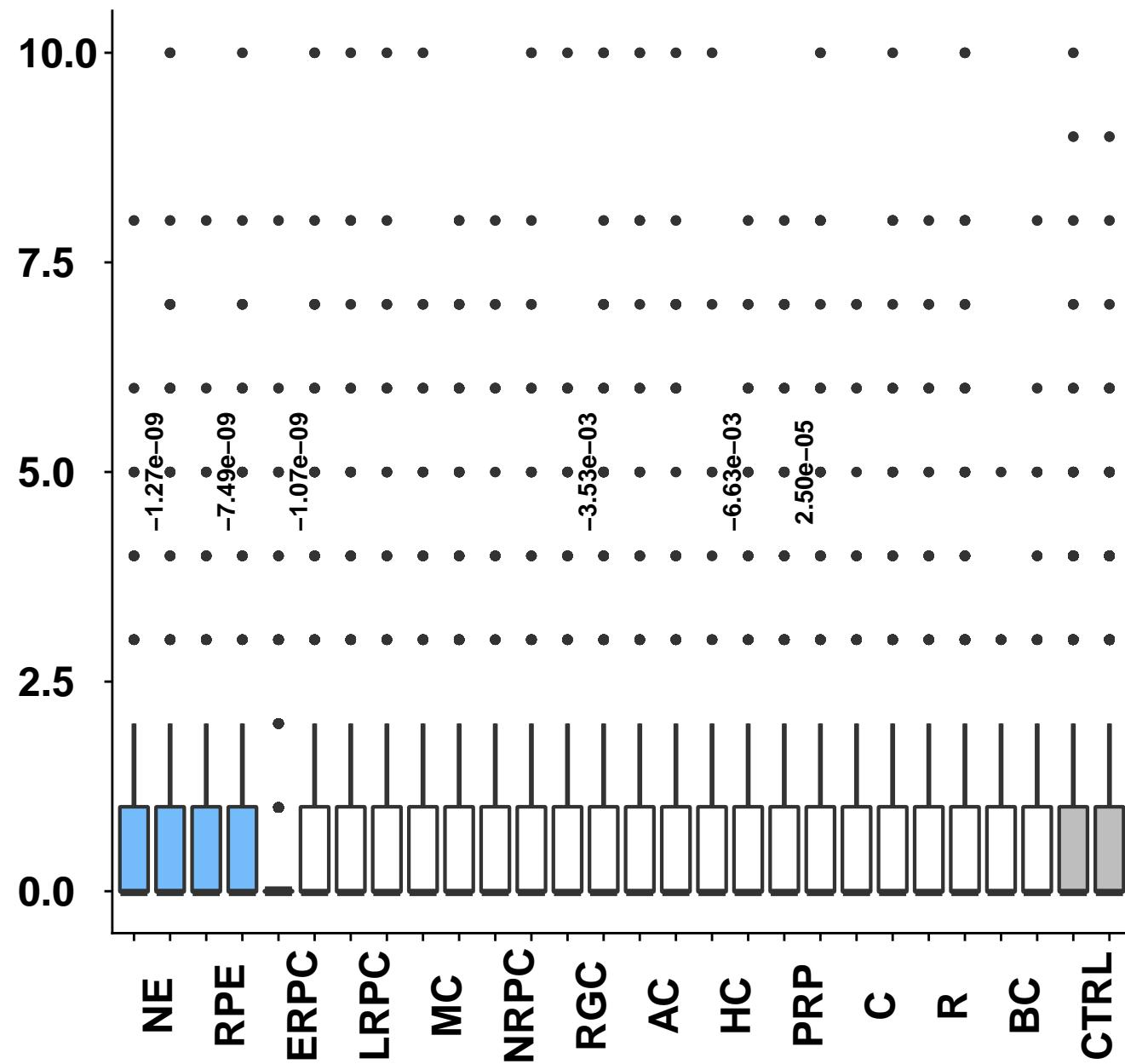
## Foxj1\_1\_total



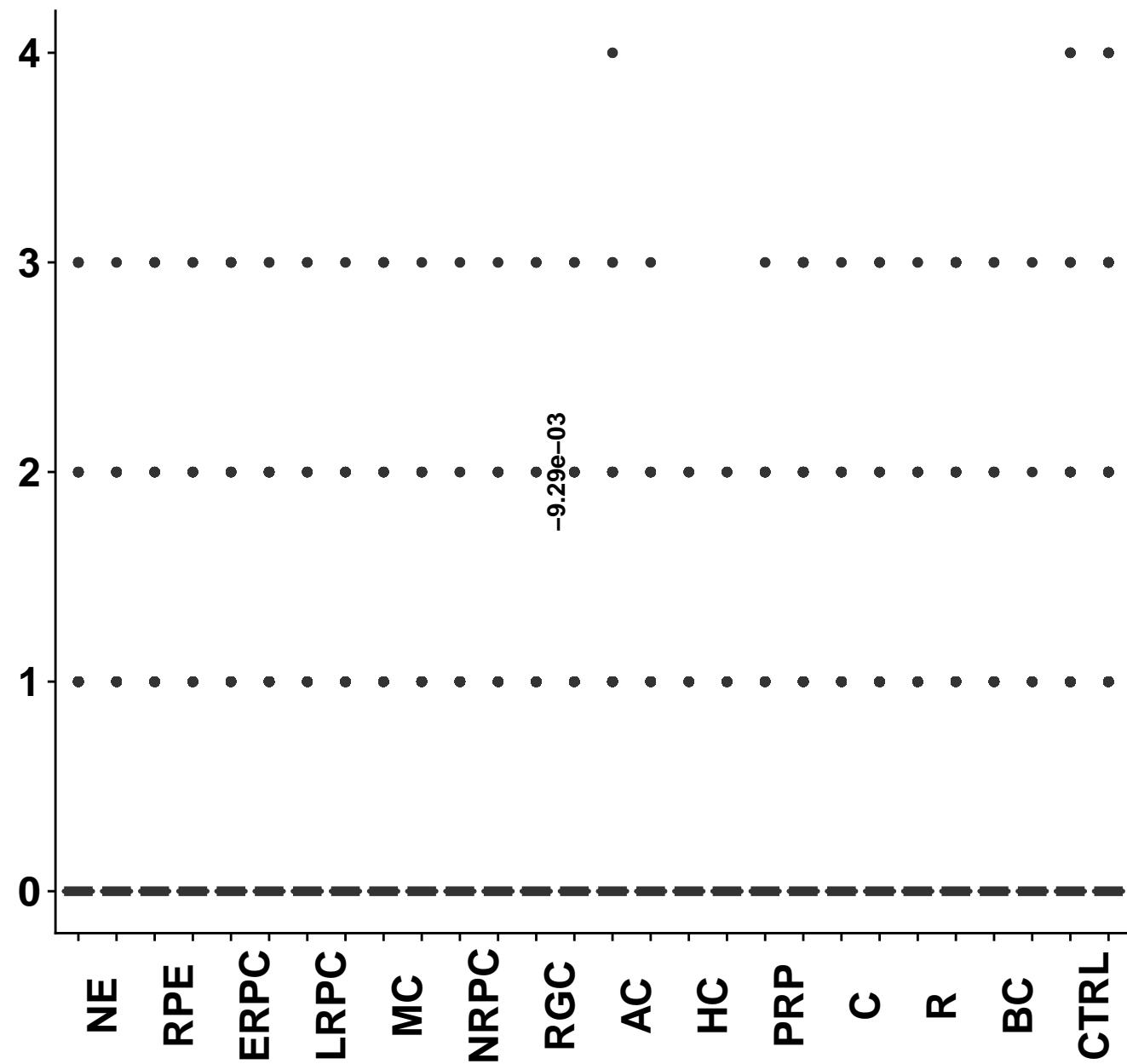
## Foxj1\_2\_total



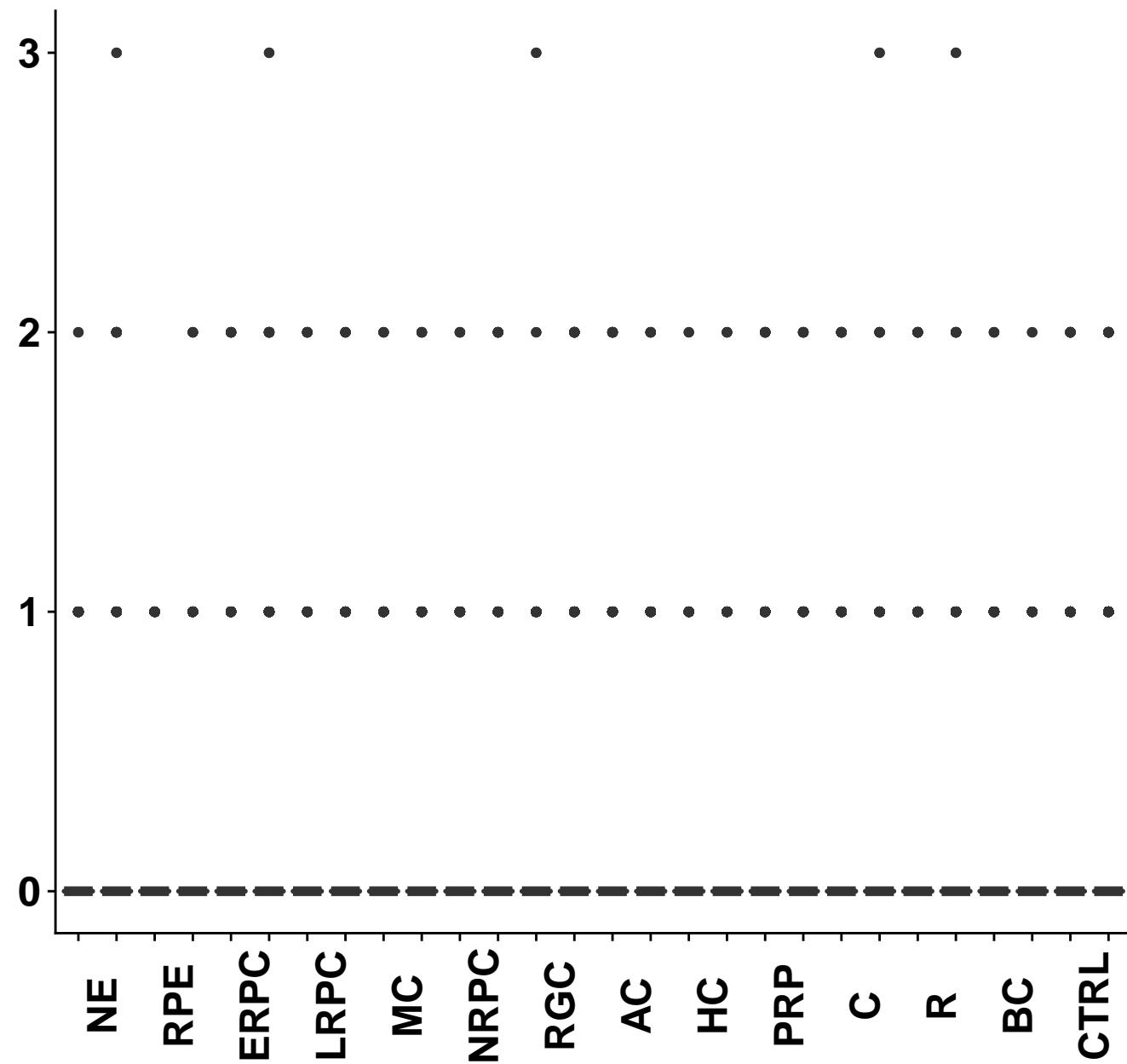
## Foxp2\_1\_total



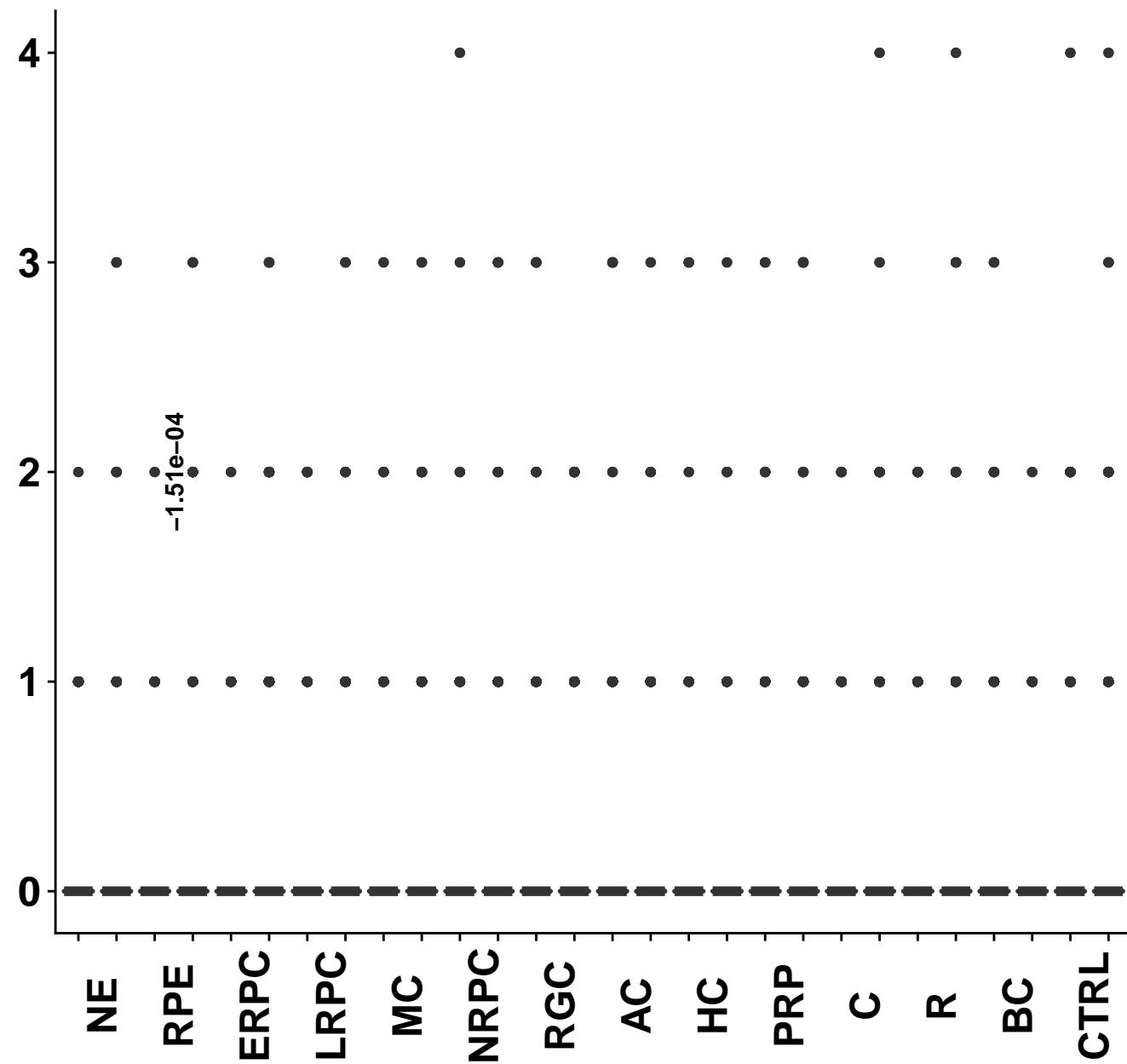
## Hsf2\_1\_total



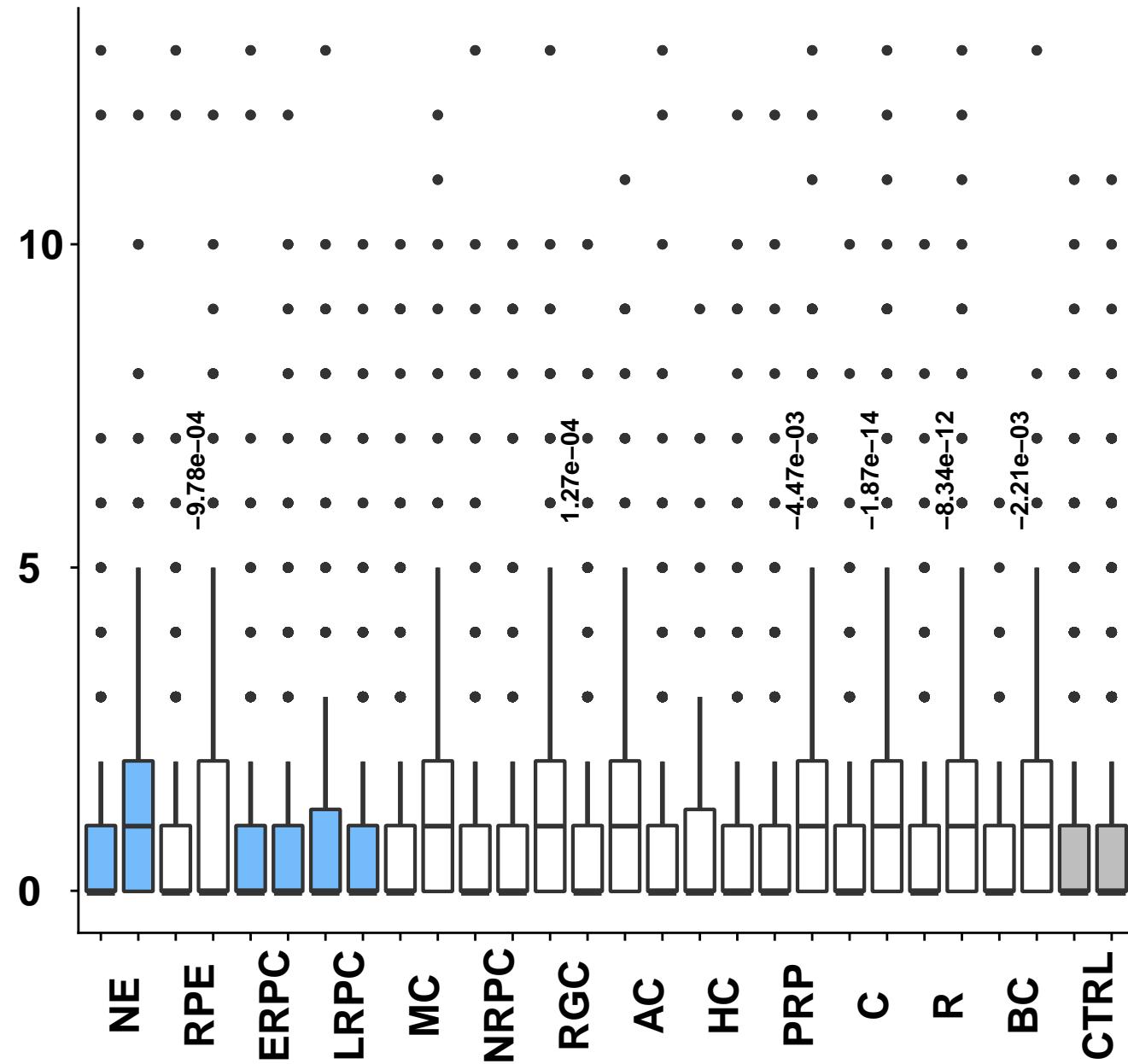
## Mecom\_1\_total



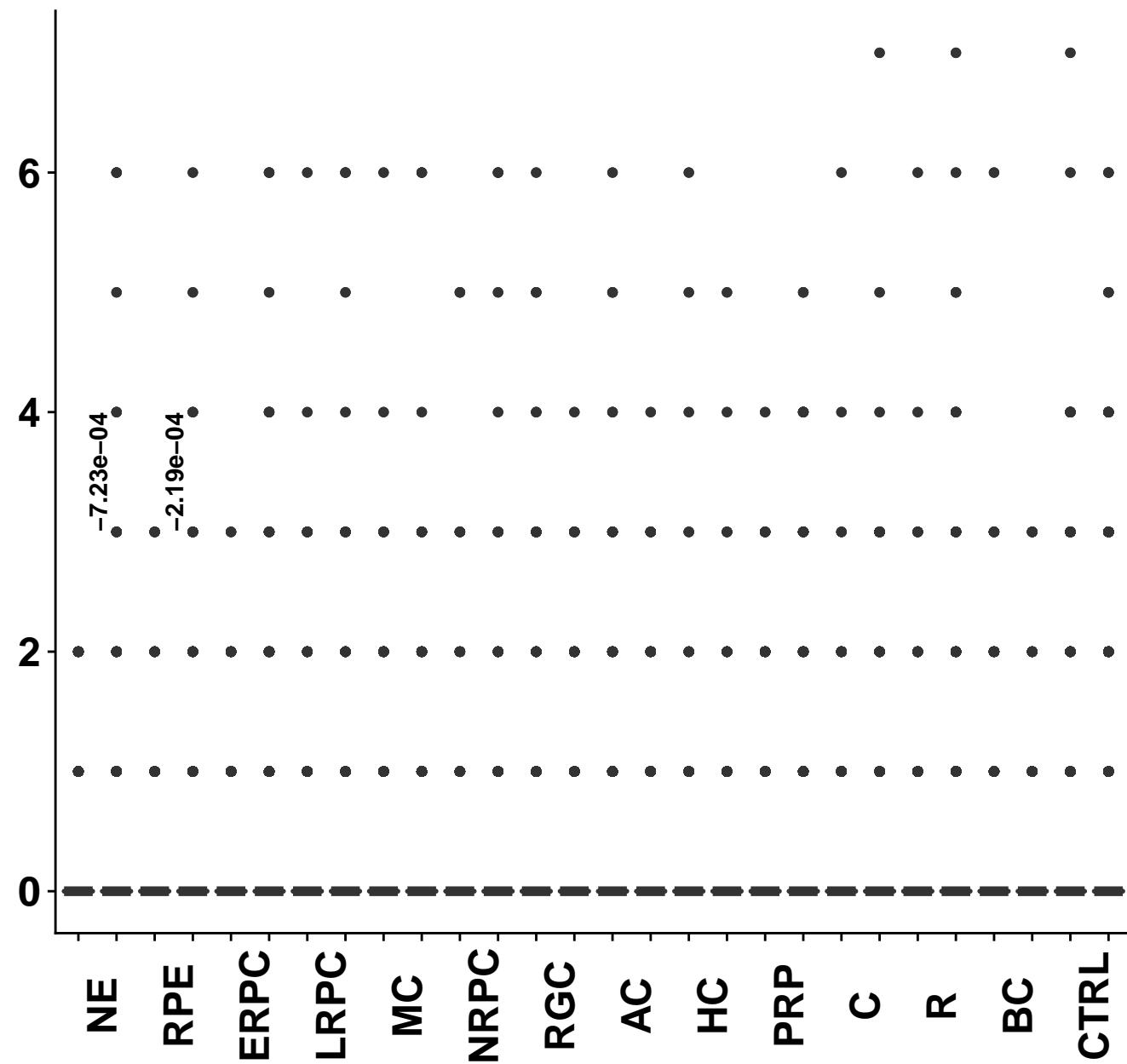
## **Sox2\_1\_total**



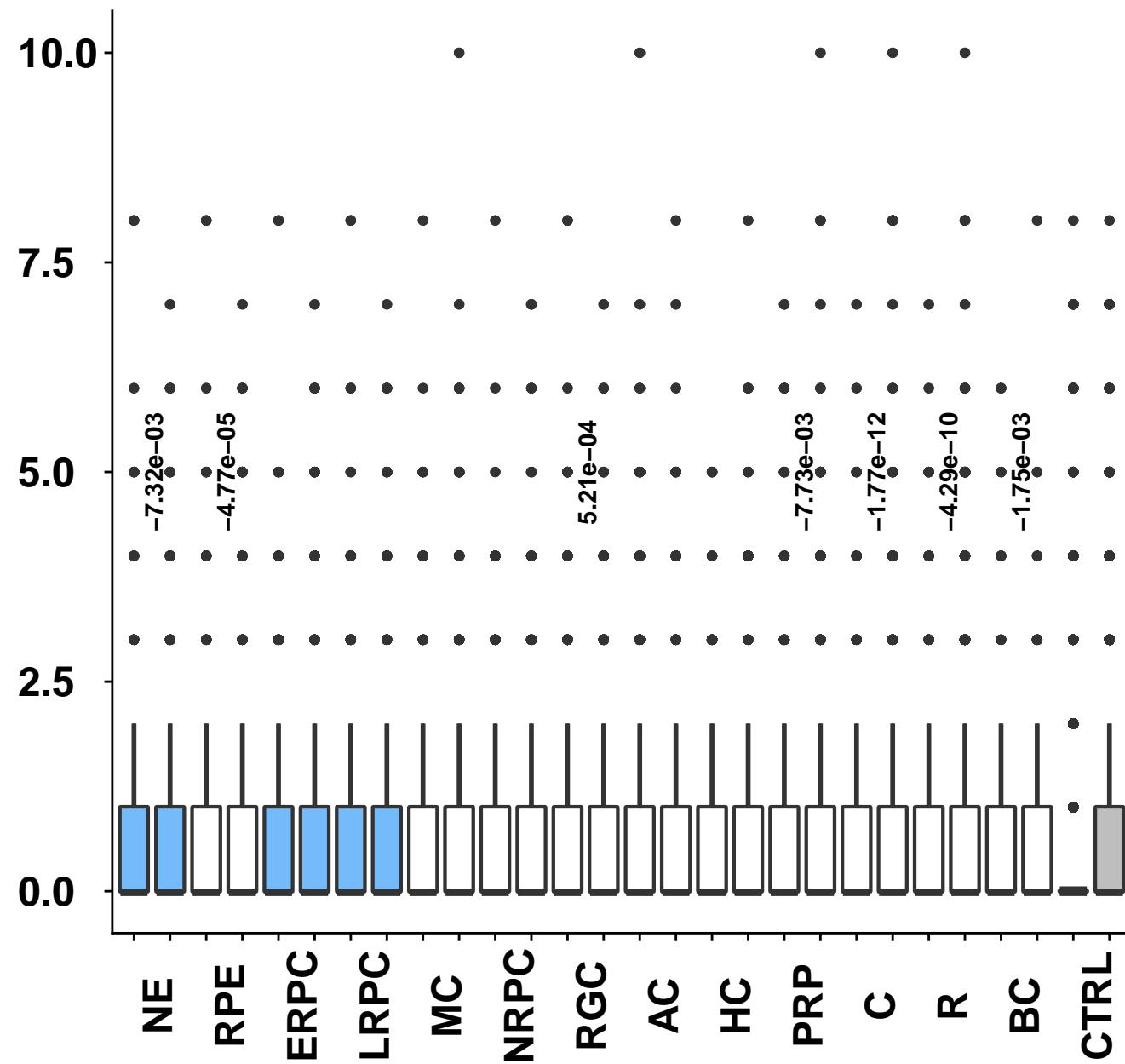
## **Sox2\_2\_total**



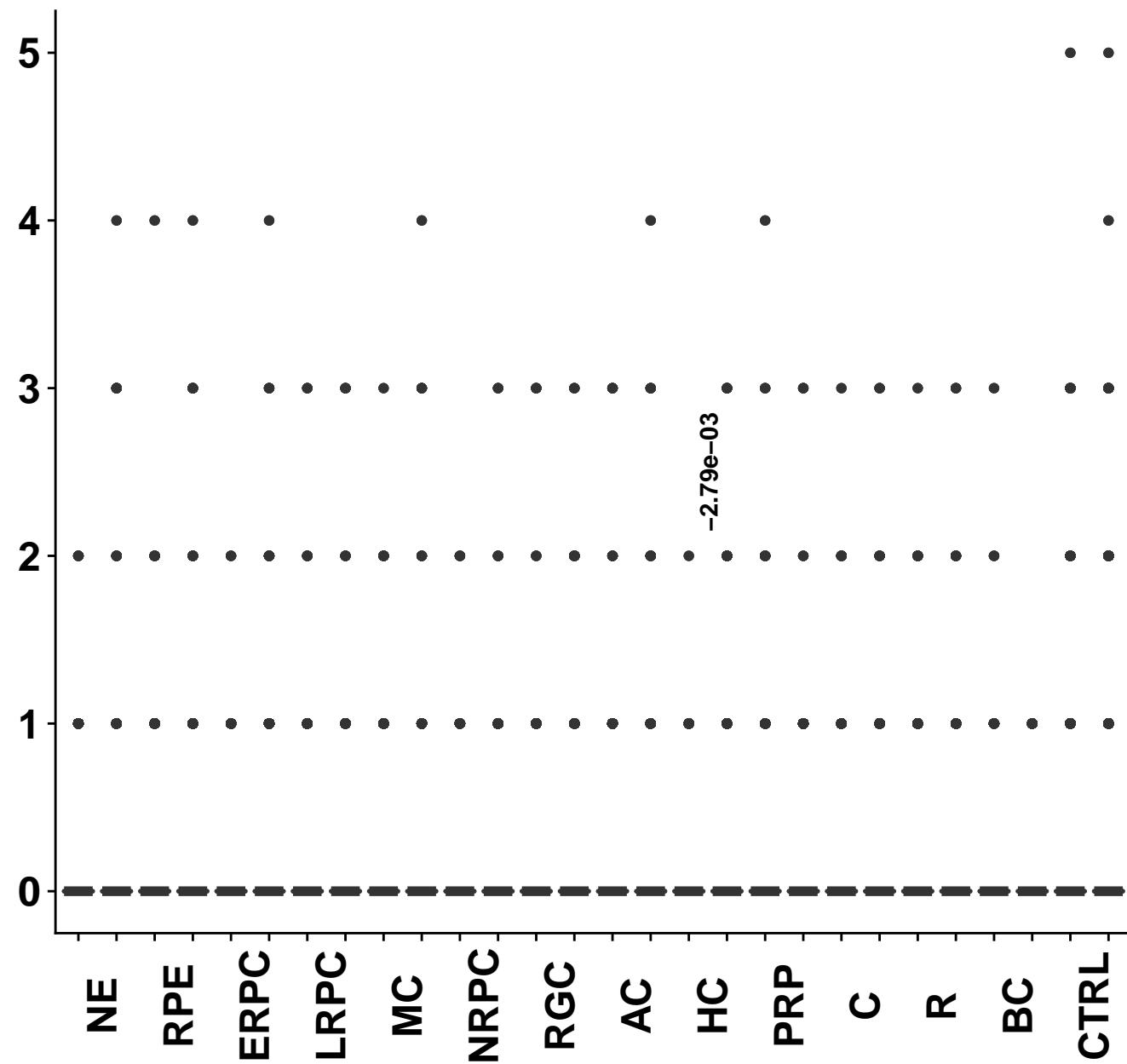
## **Sox2\_3\_total**



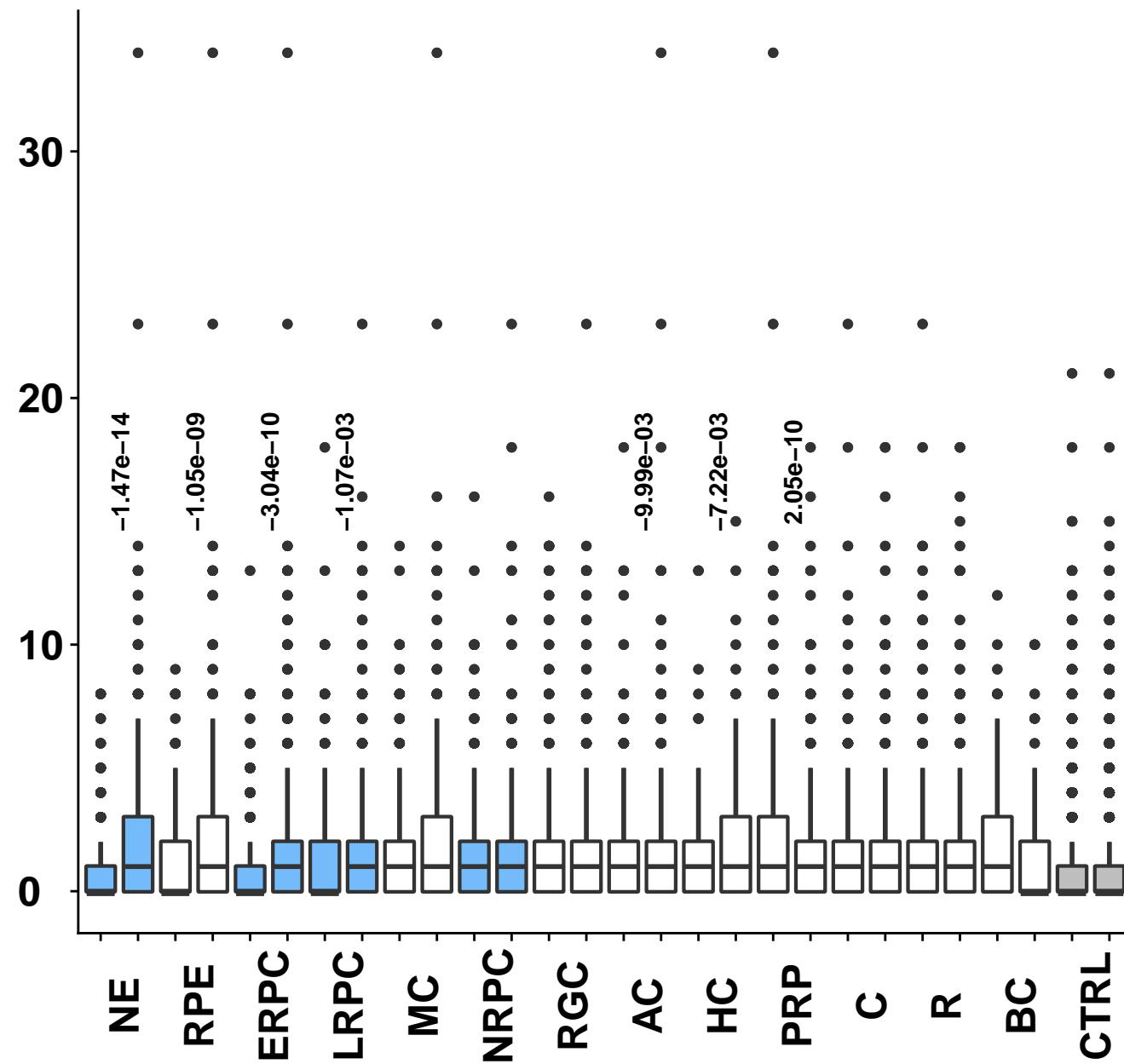
## **Sox2\_4\_total**



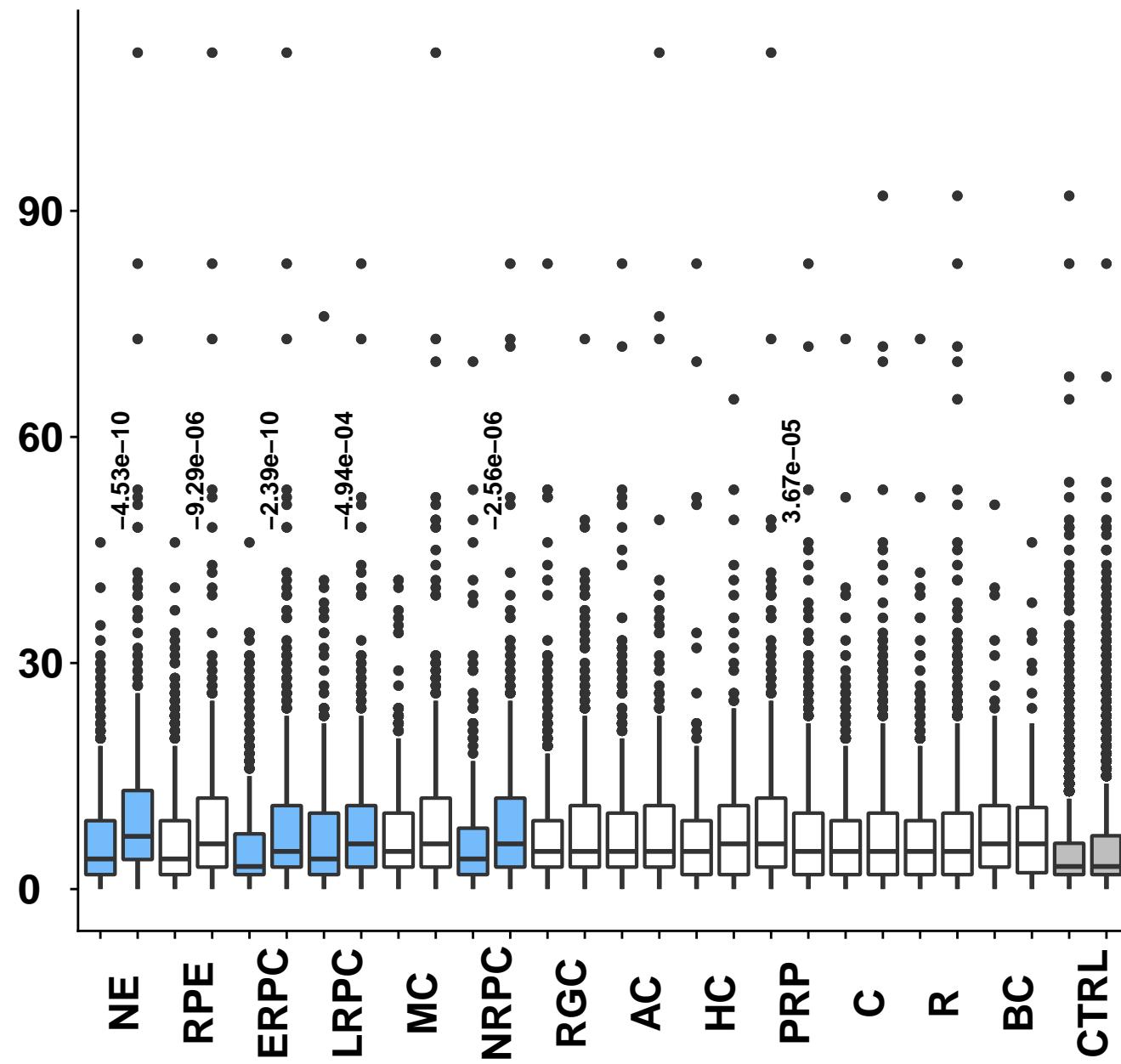
## Tcf3\_1\_total



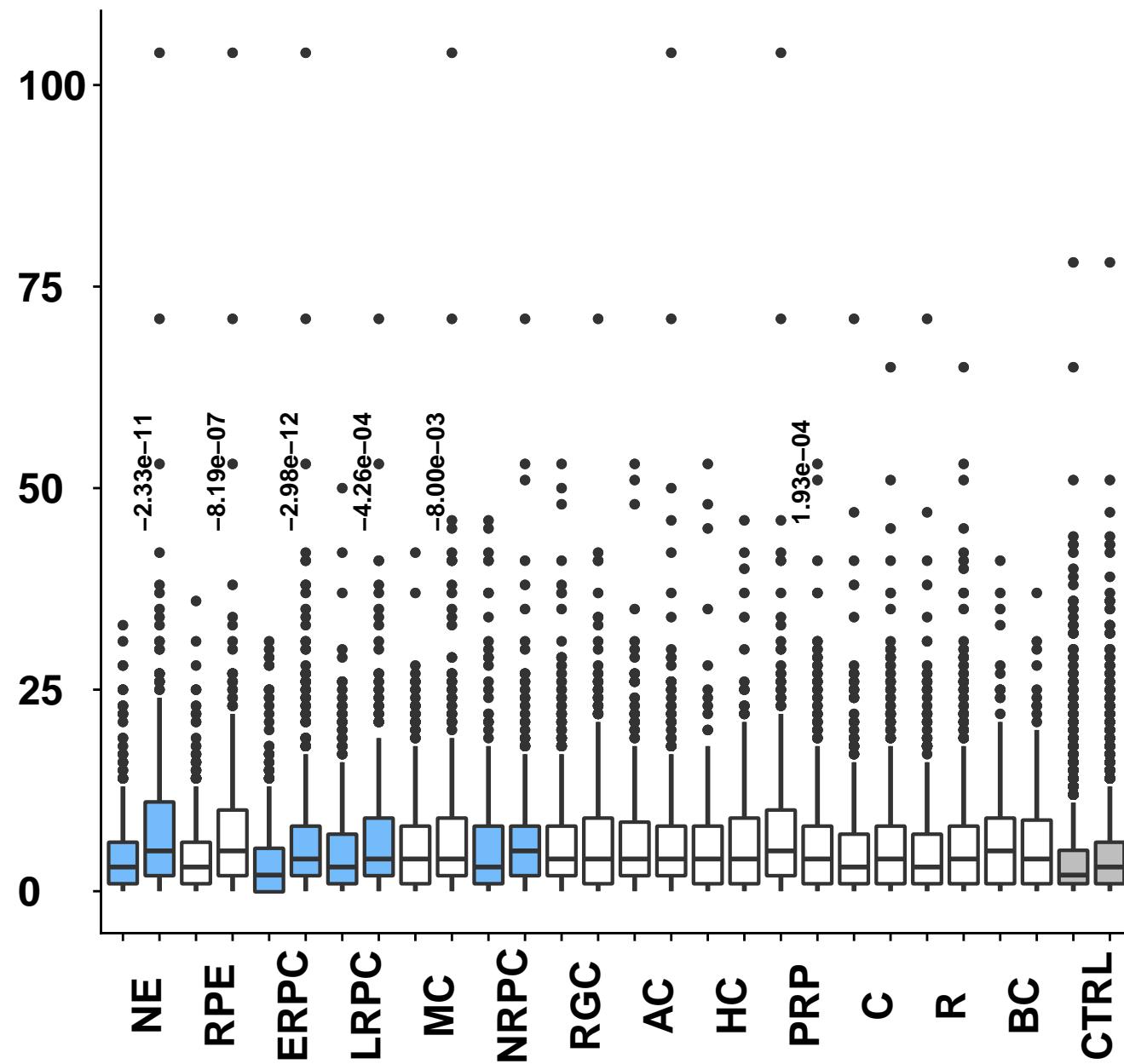
## Tcf3\_2\_total



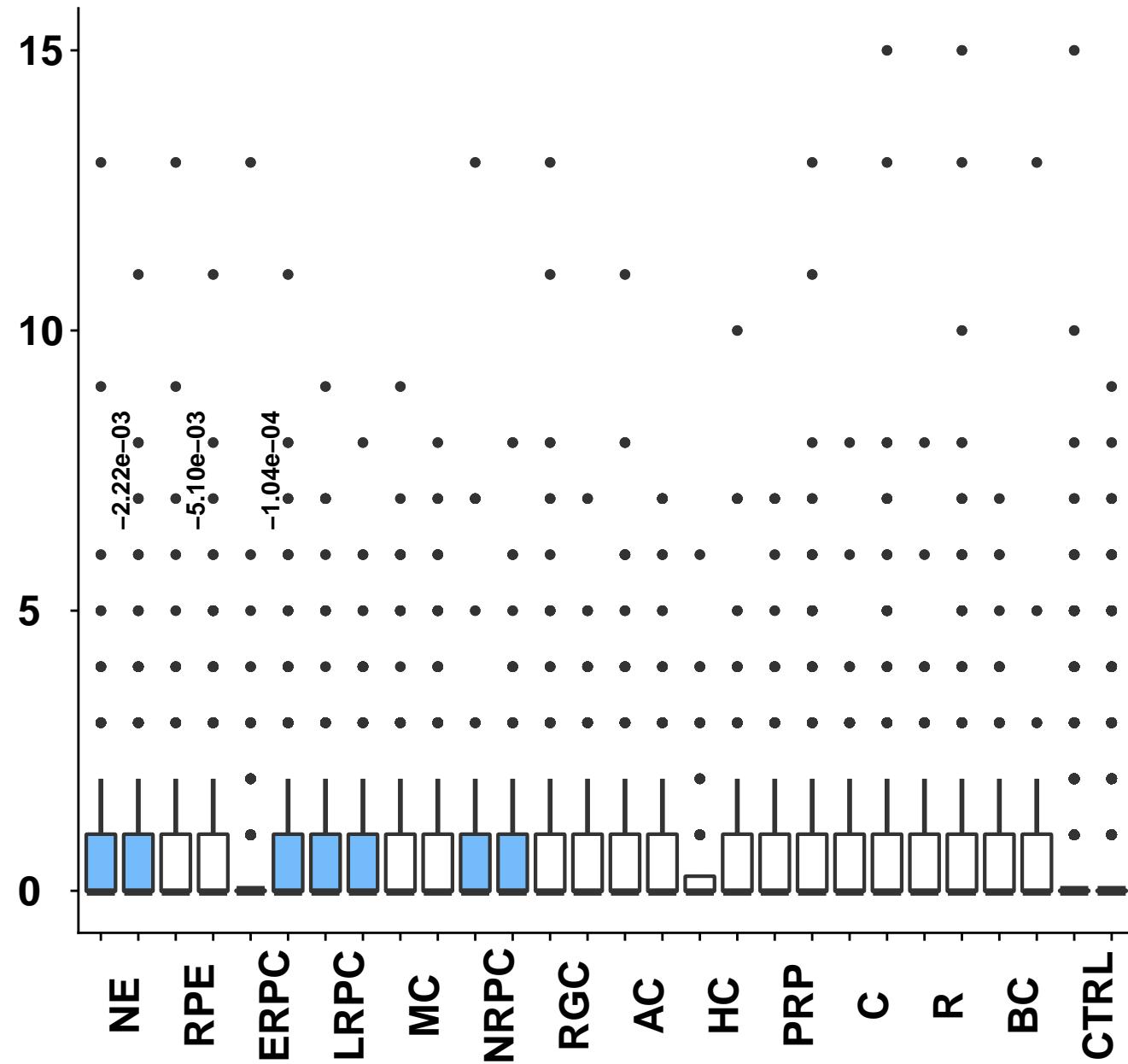
### Tcf3\_3\_total



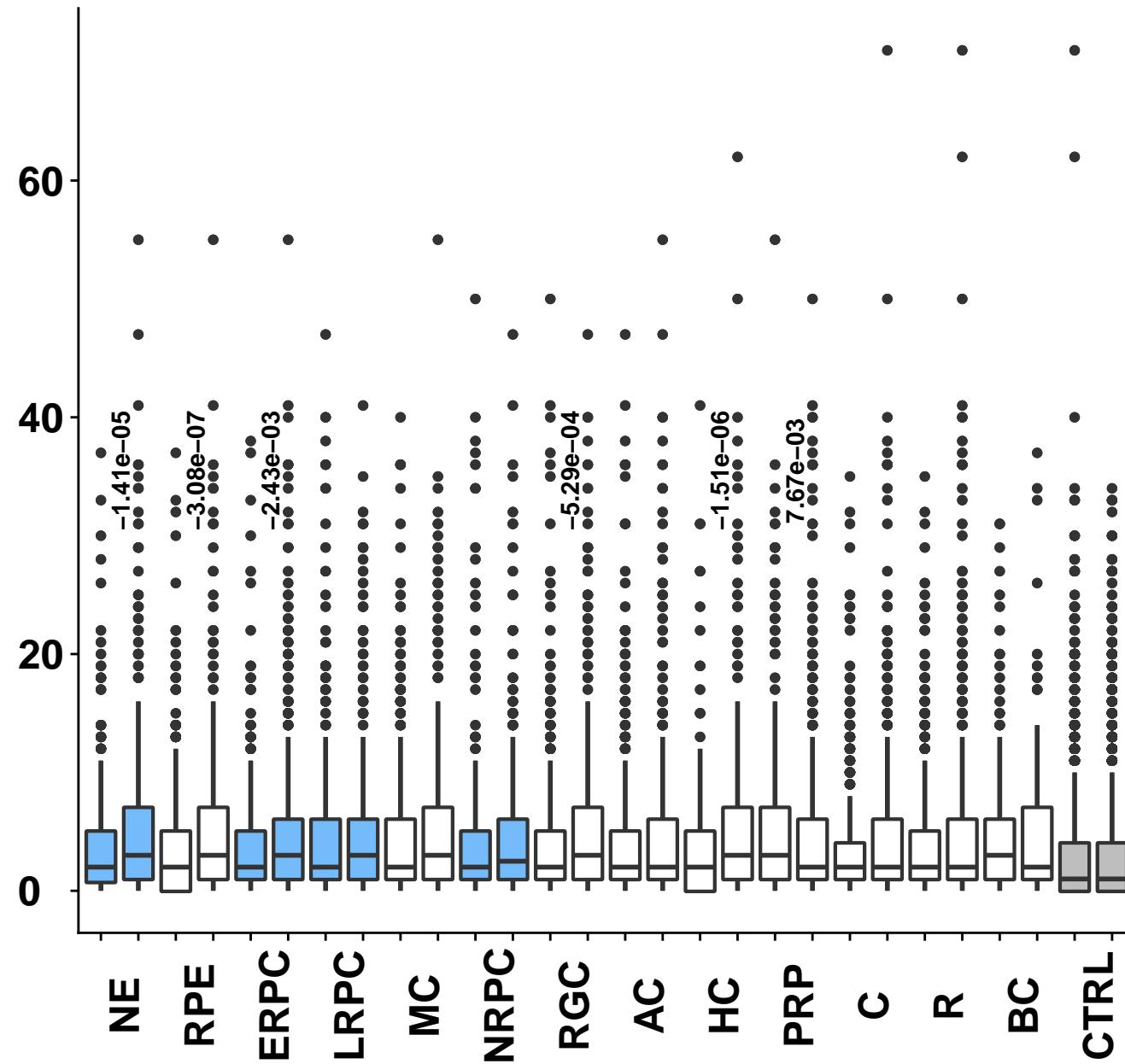
## Tcf3\_4\_total



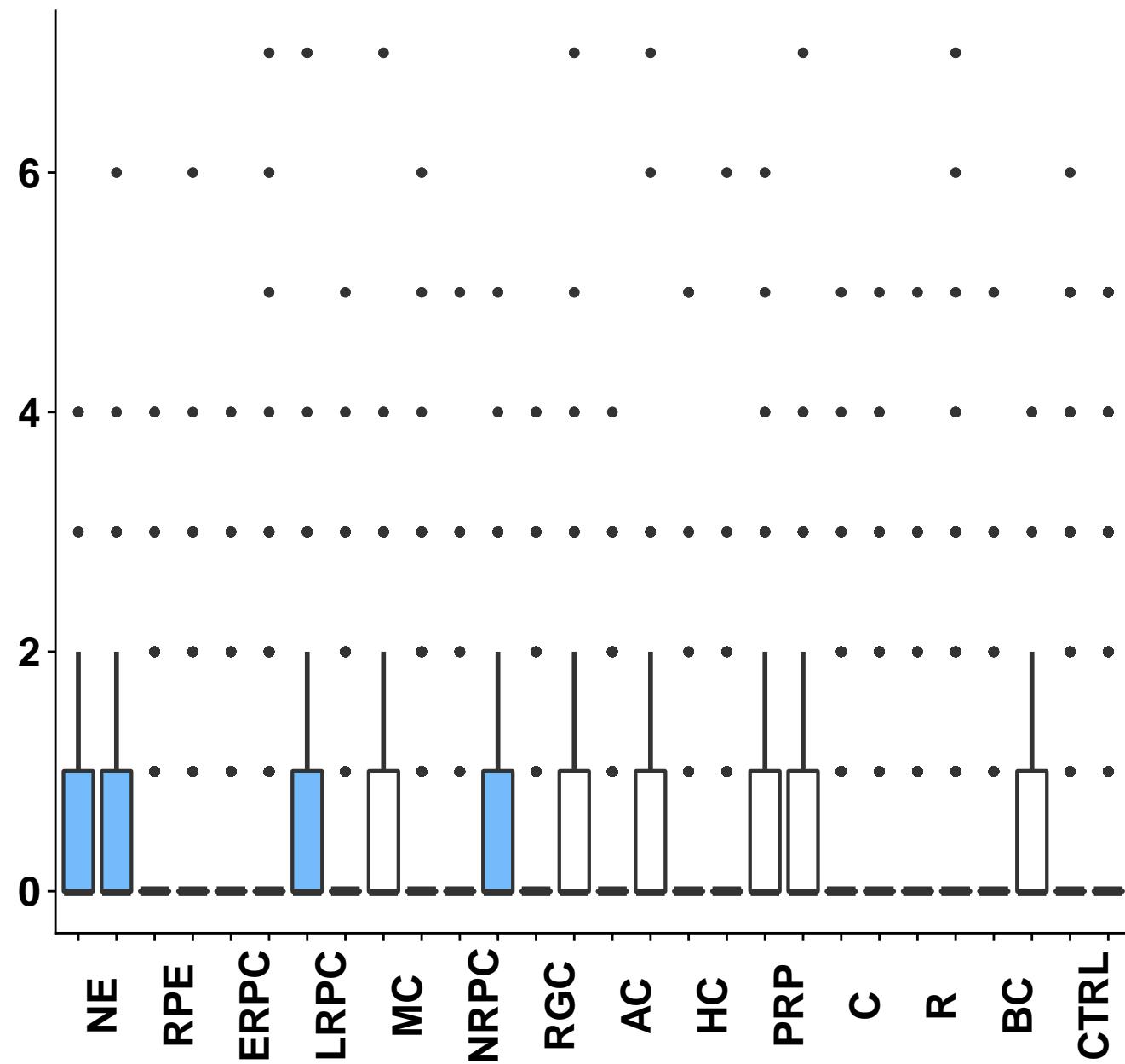
## Tcf3\_5\_total



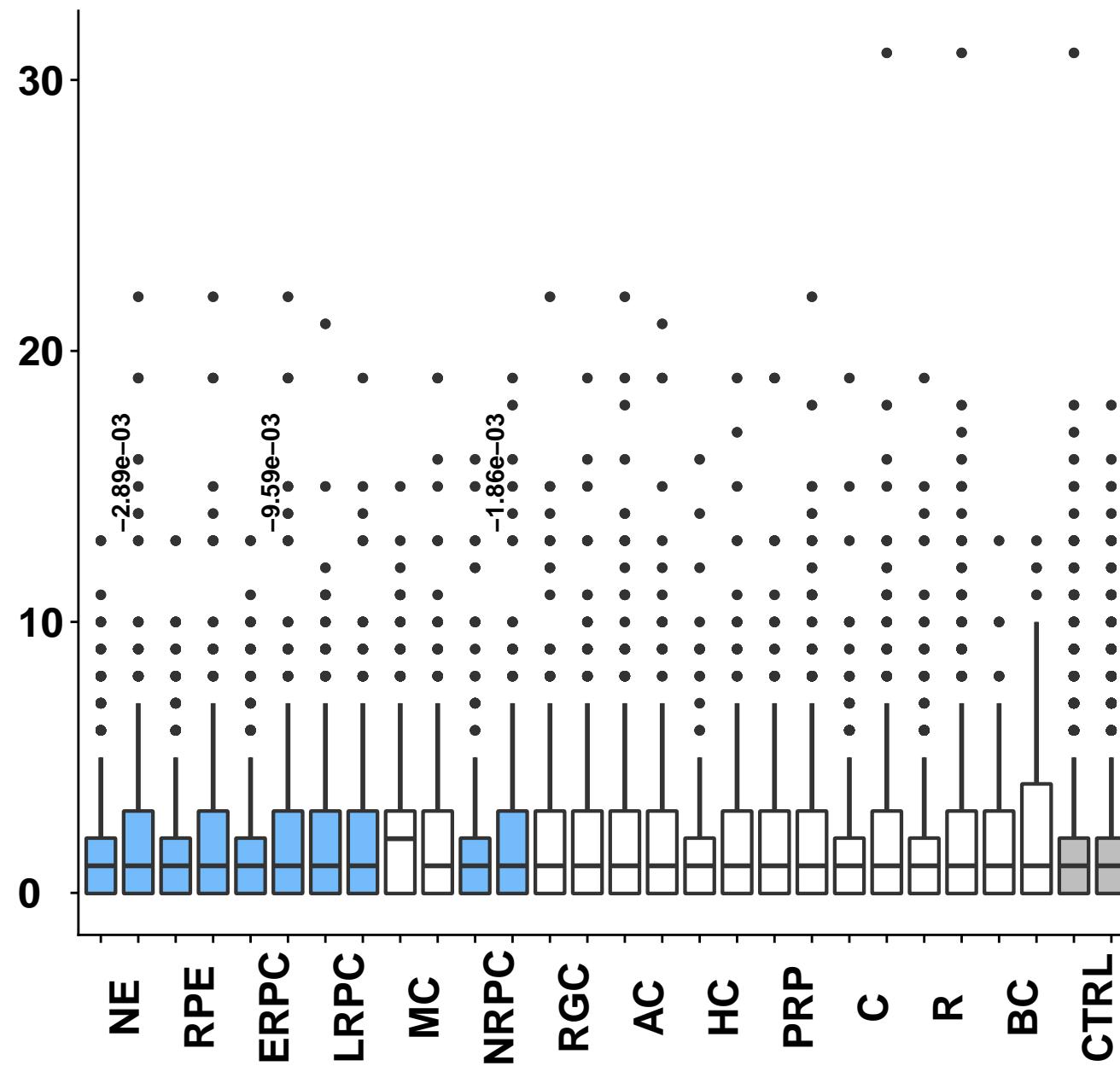
## Tcf3\_6\_total



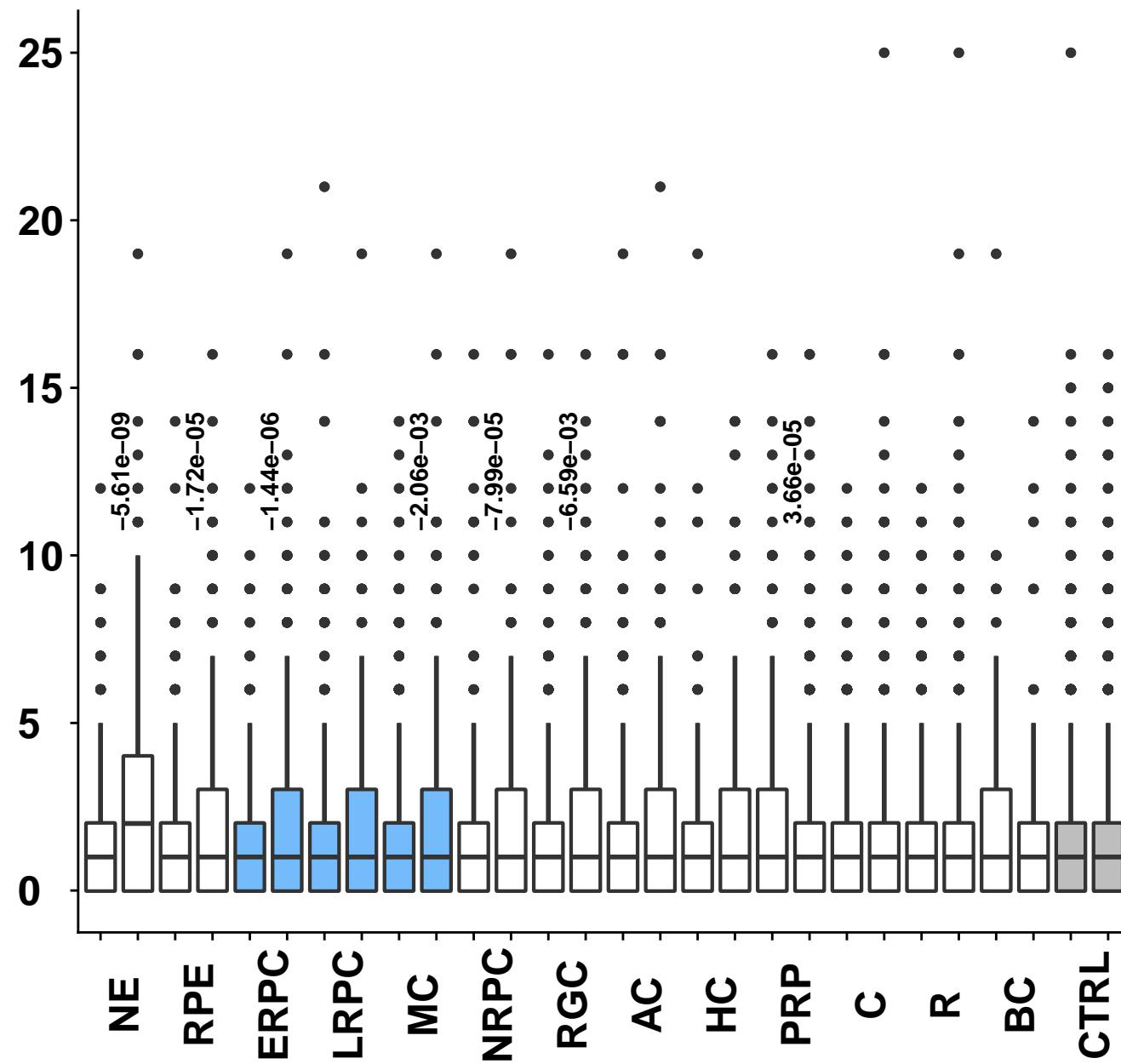
## Tead2\_1\_total



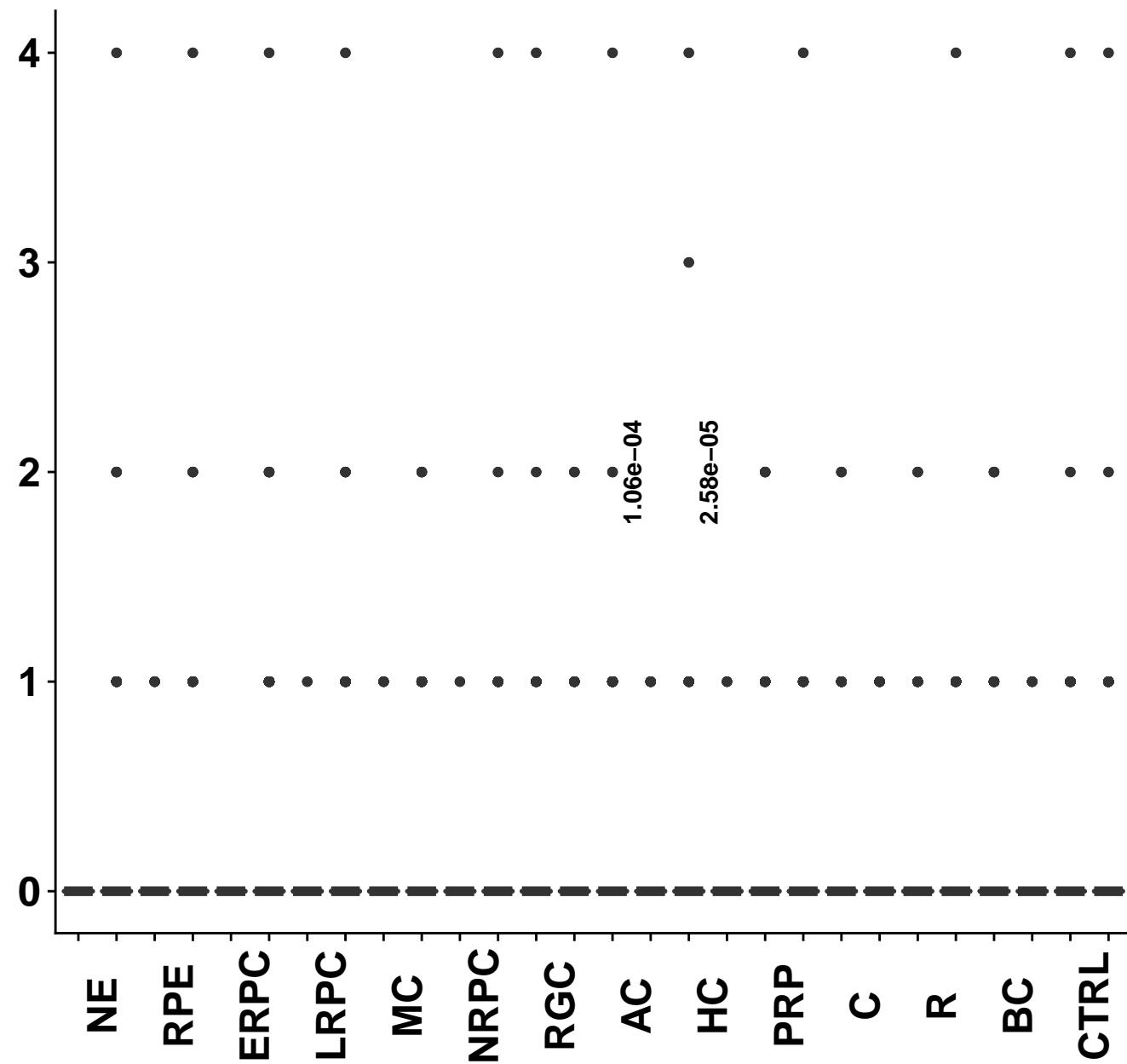
## Tead2\_2\_total



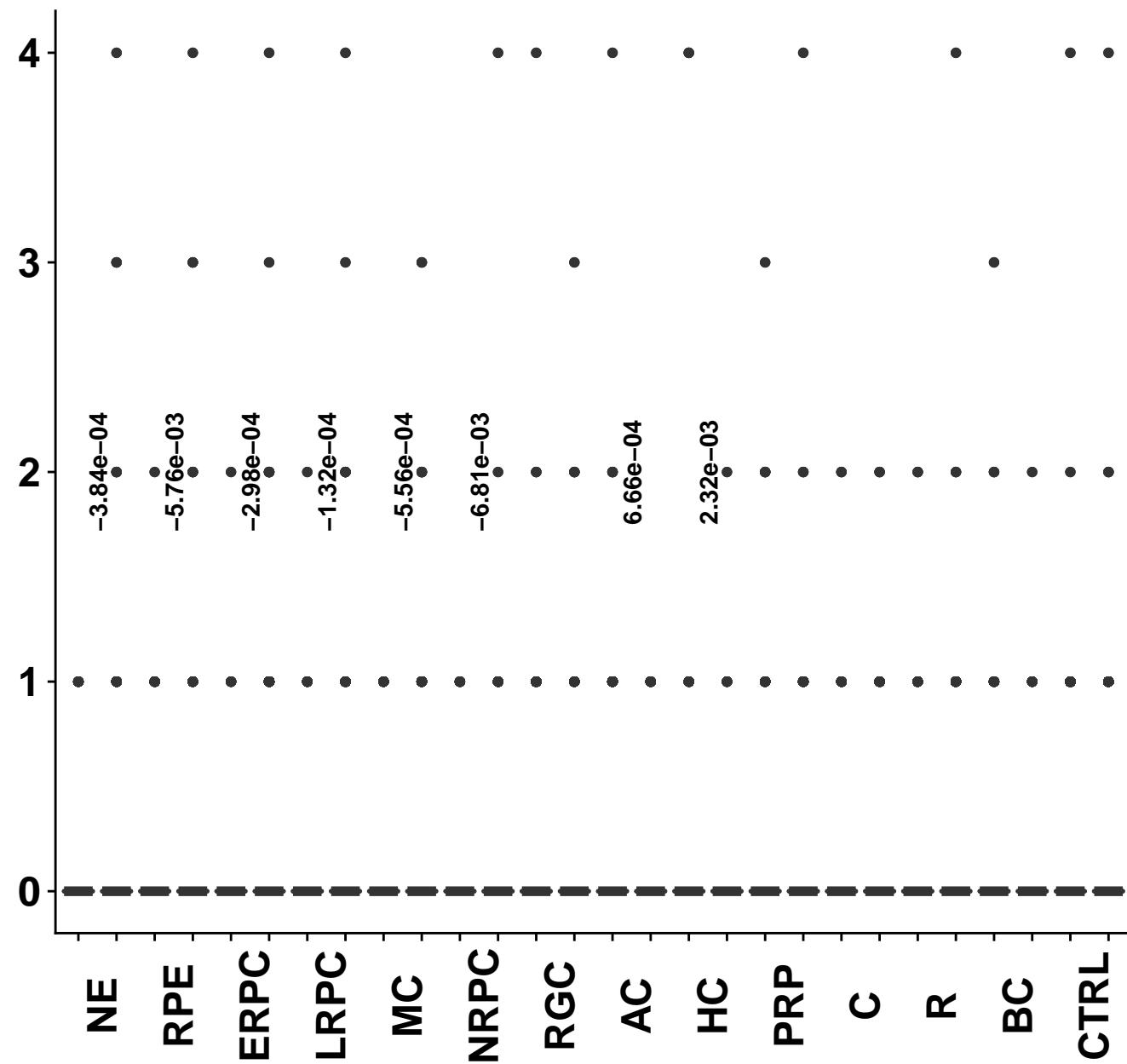
## Nr2e1\_1\_total



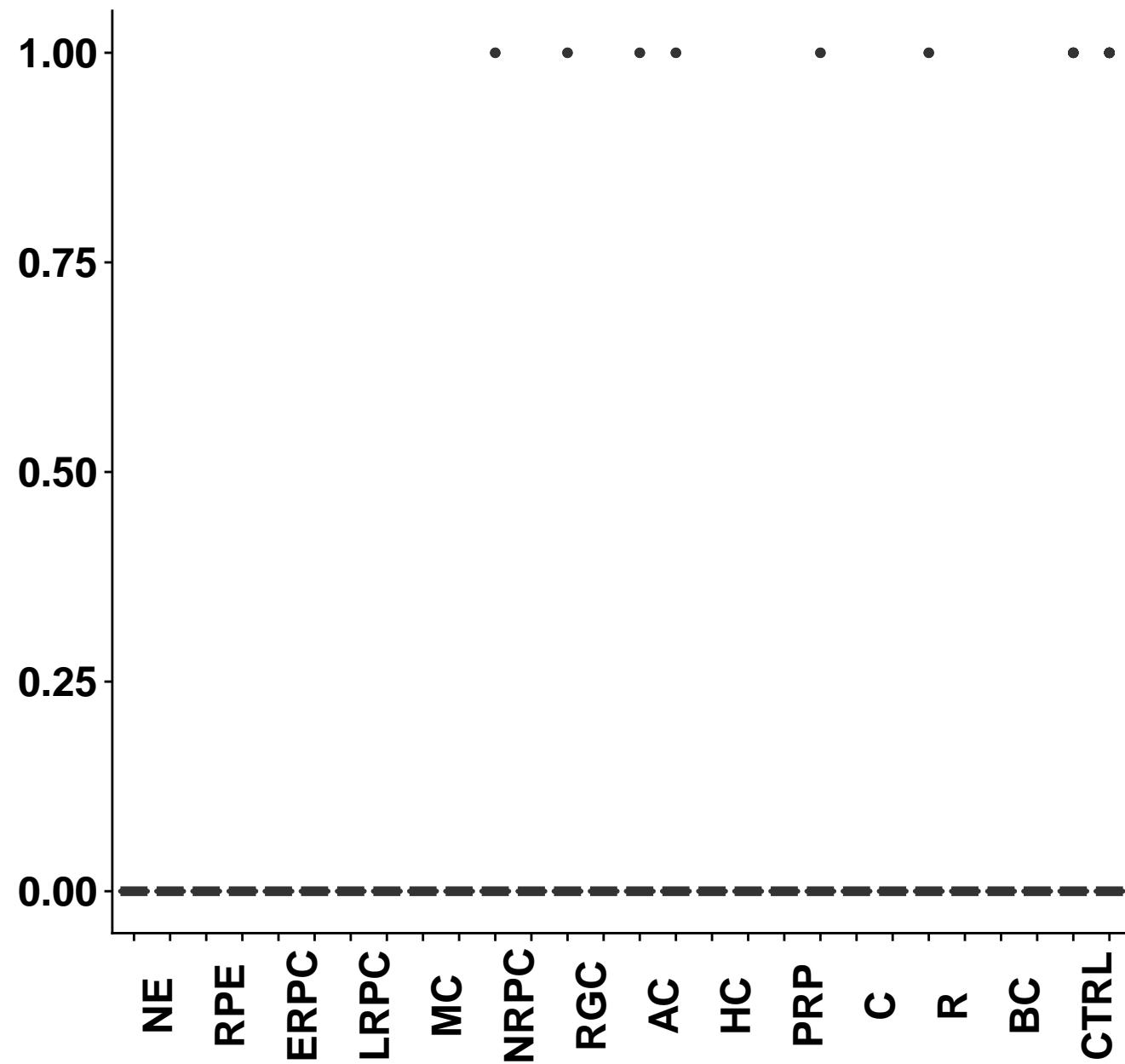
## Rest\_1\_total



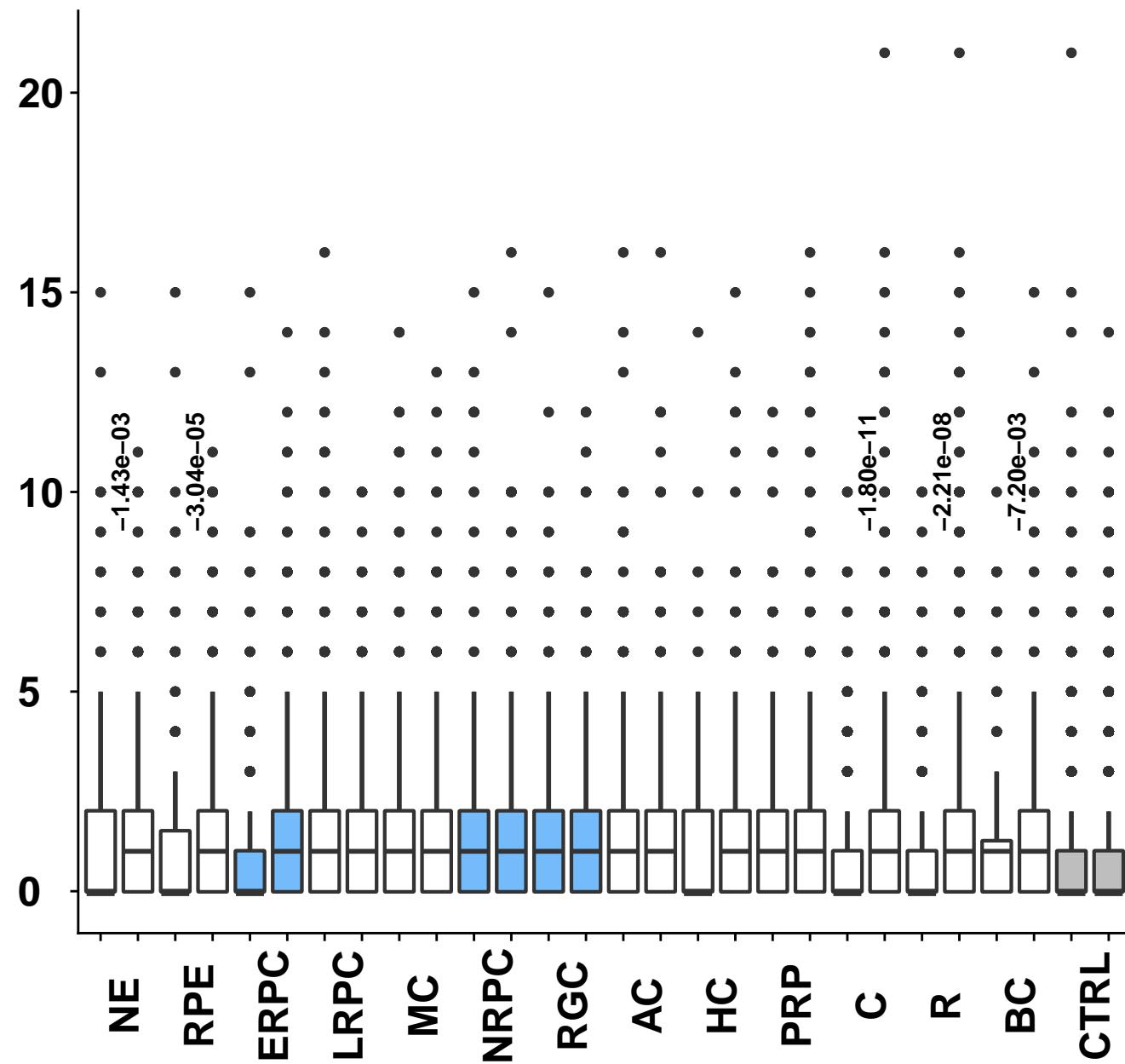
## Rest\_2\_total



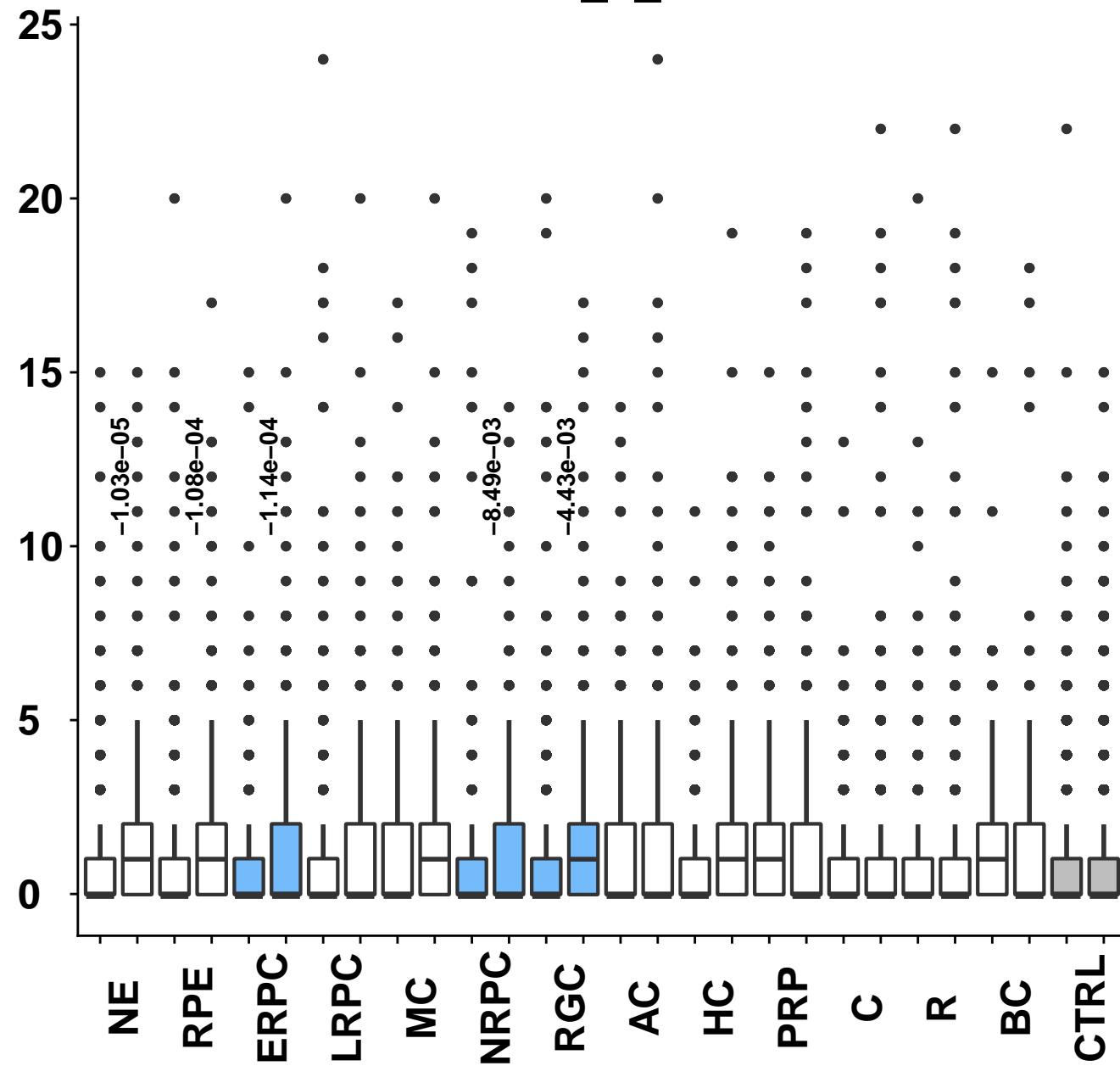
## **Sox11\_1\_total**



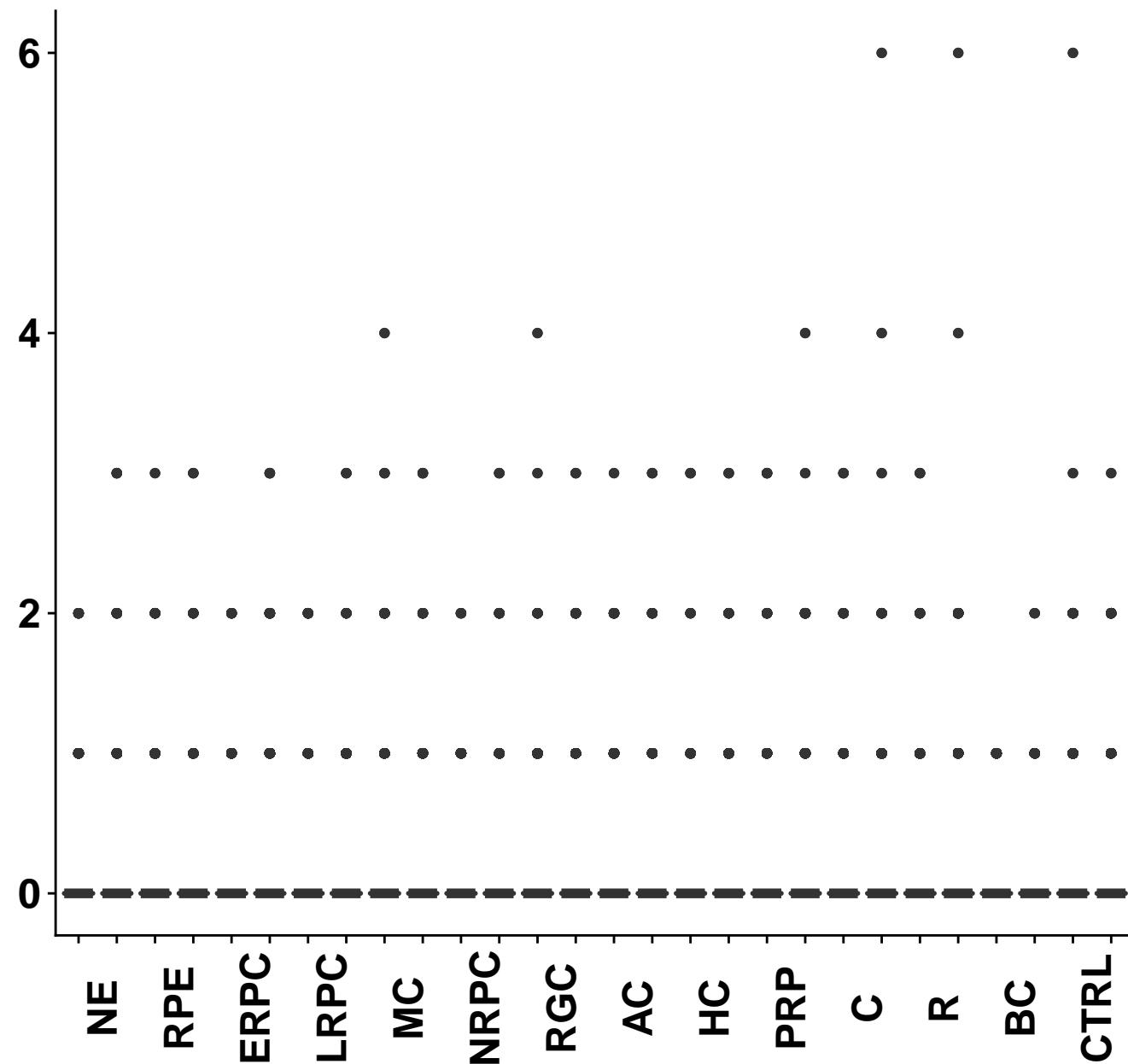
## Sox11\_2\_total



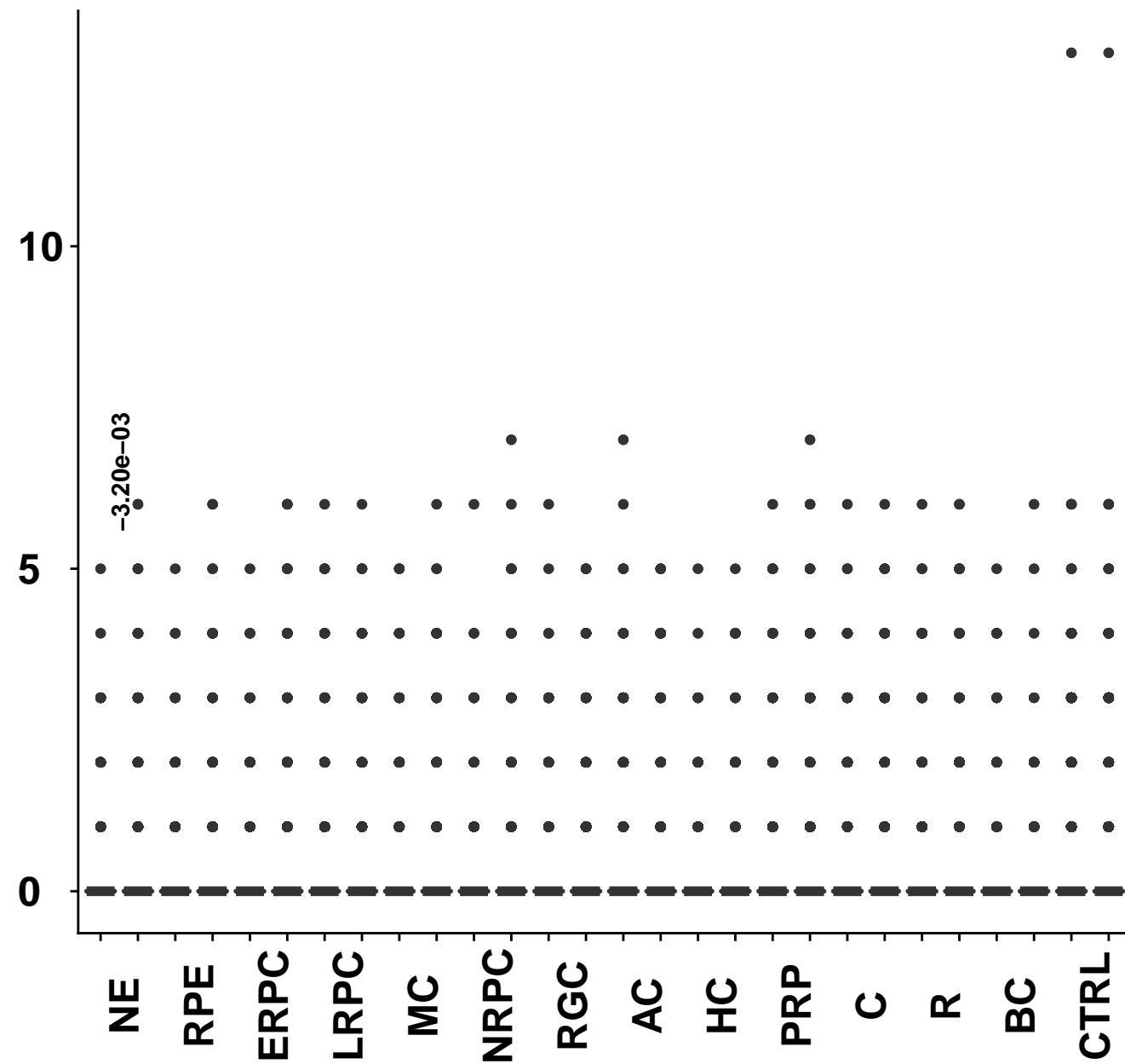
### Sox11\_3\_total



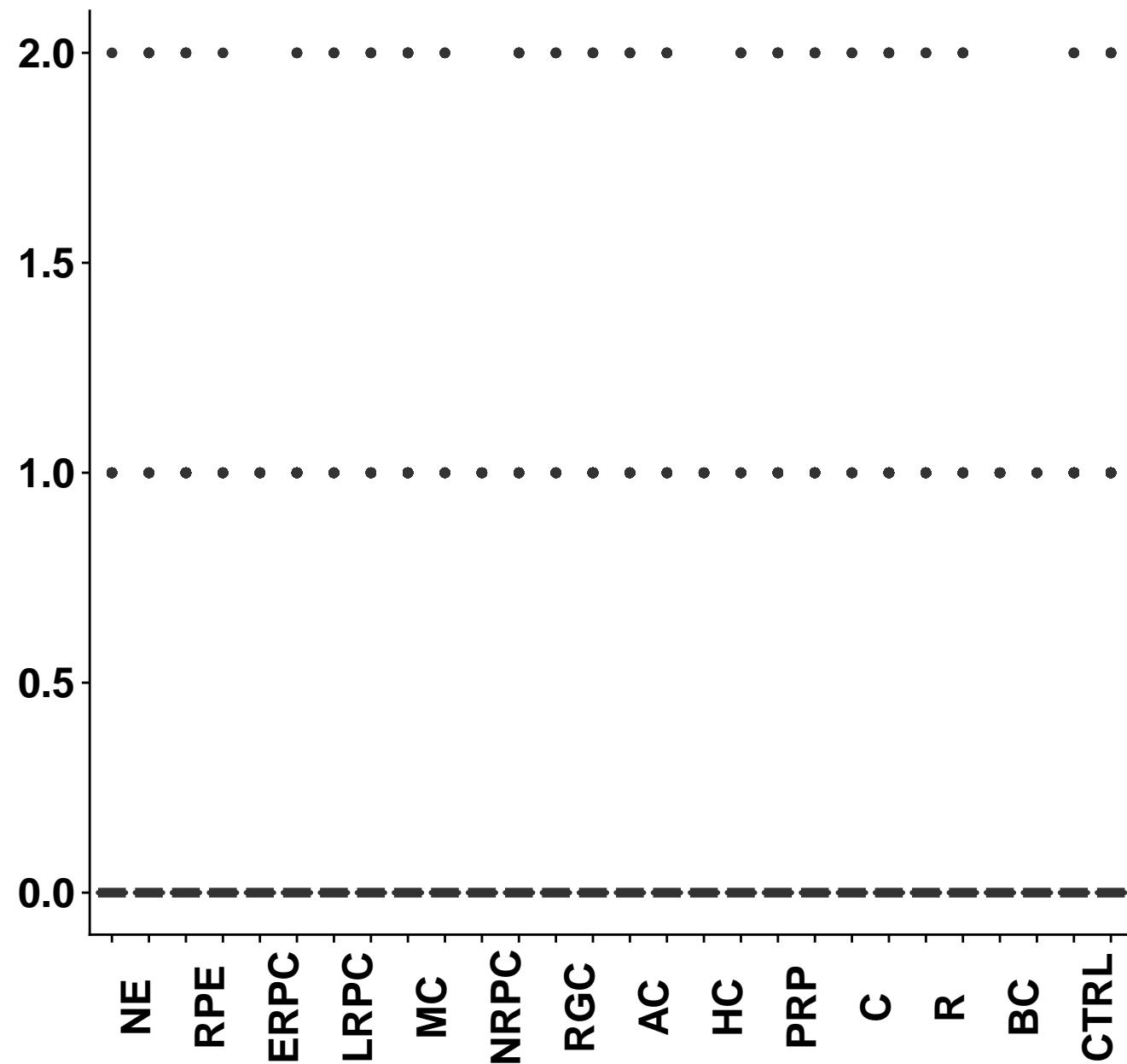
## Six6\_1\_total



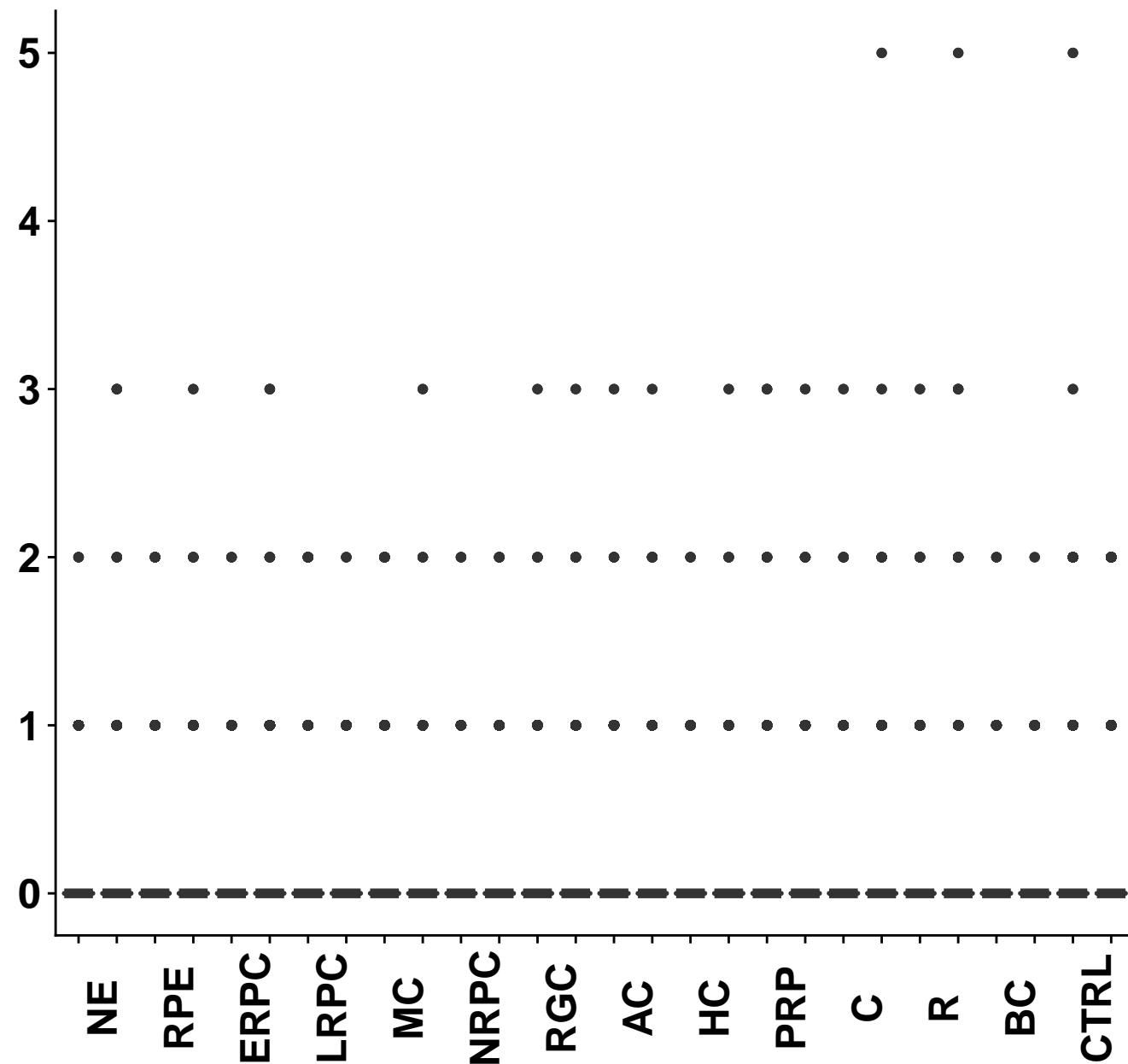
## Six6\_2\_total



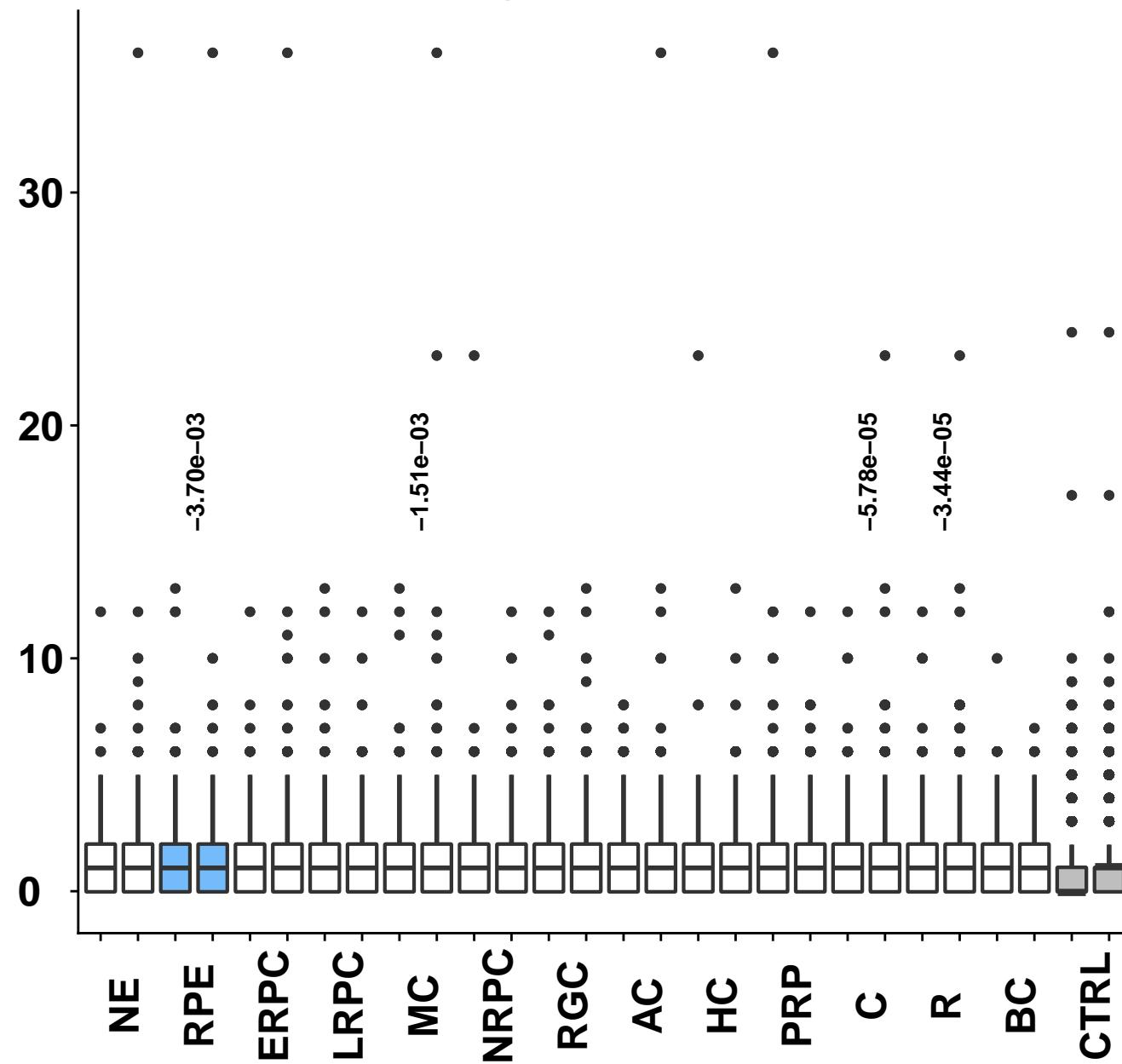
### **Six6\_3\_total**



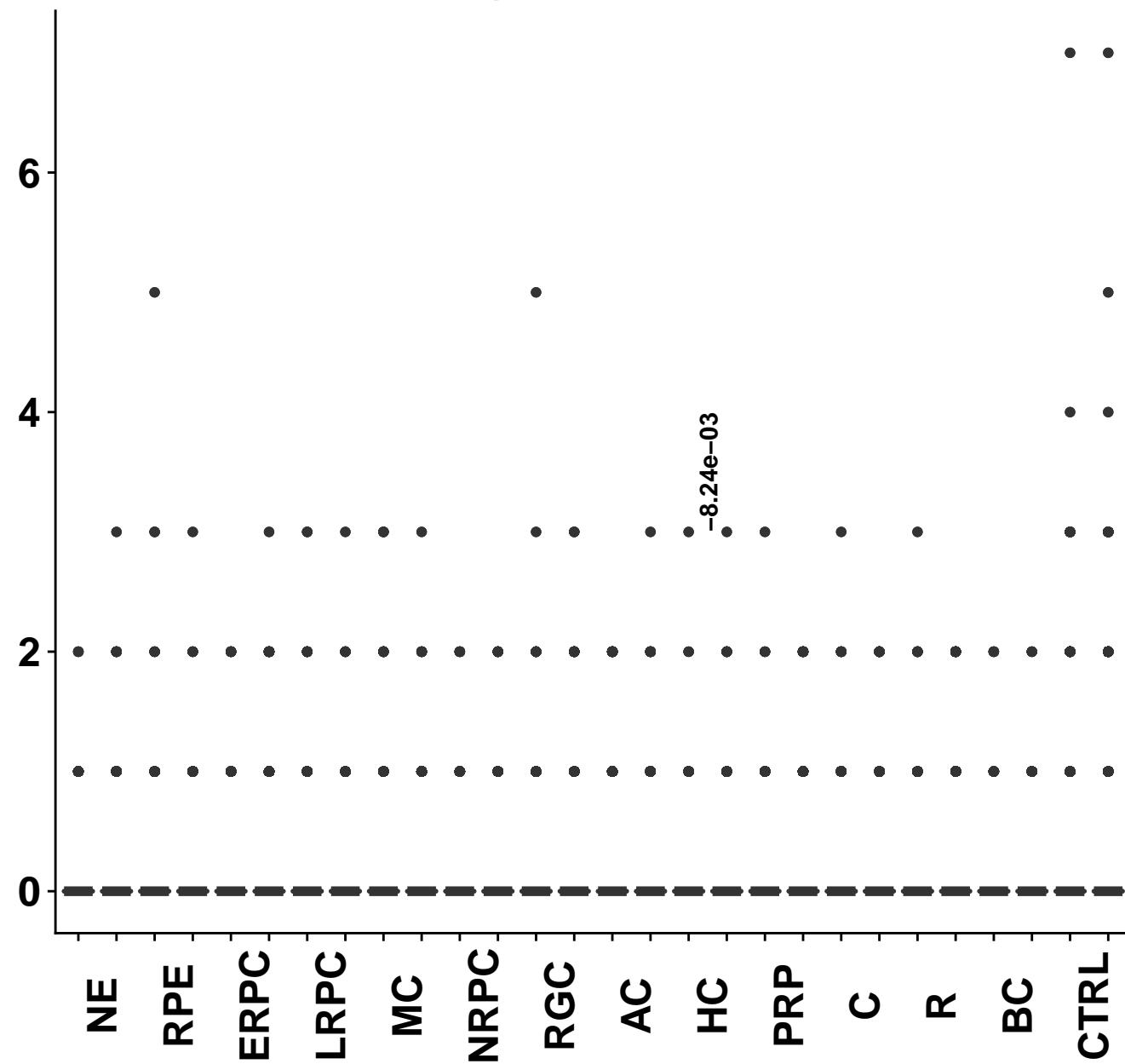
## Six6\_4\_total



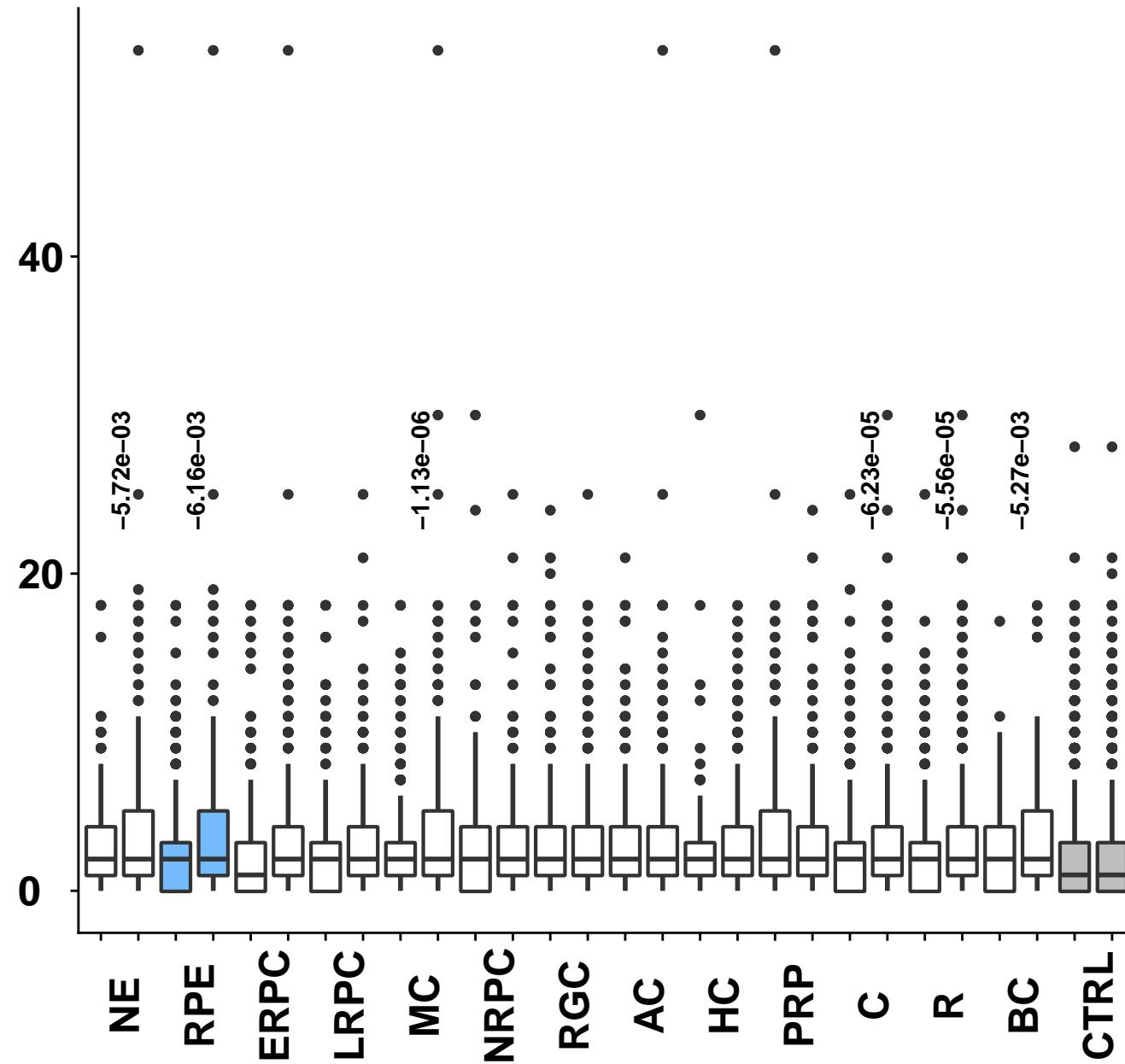
## Egr1\_1\_total



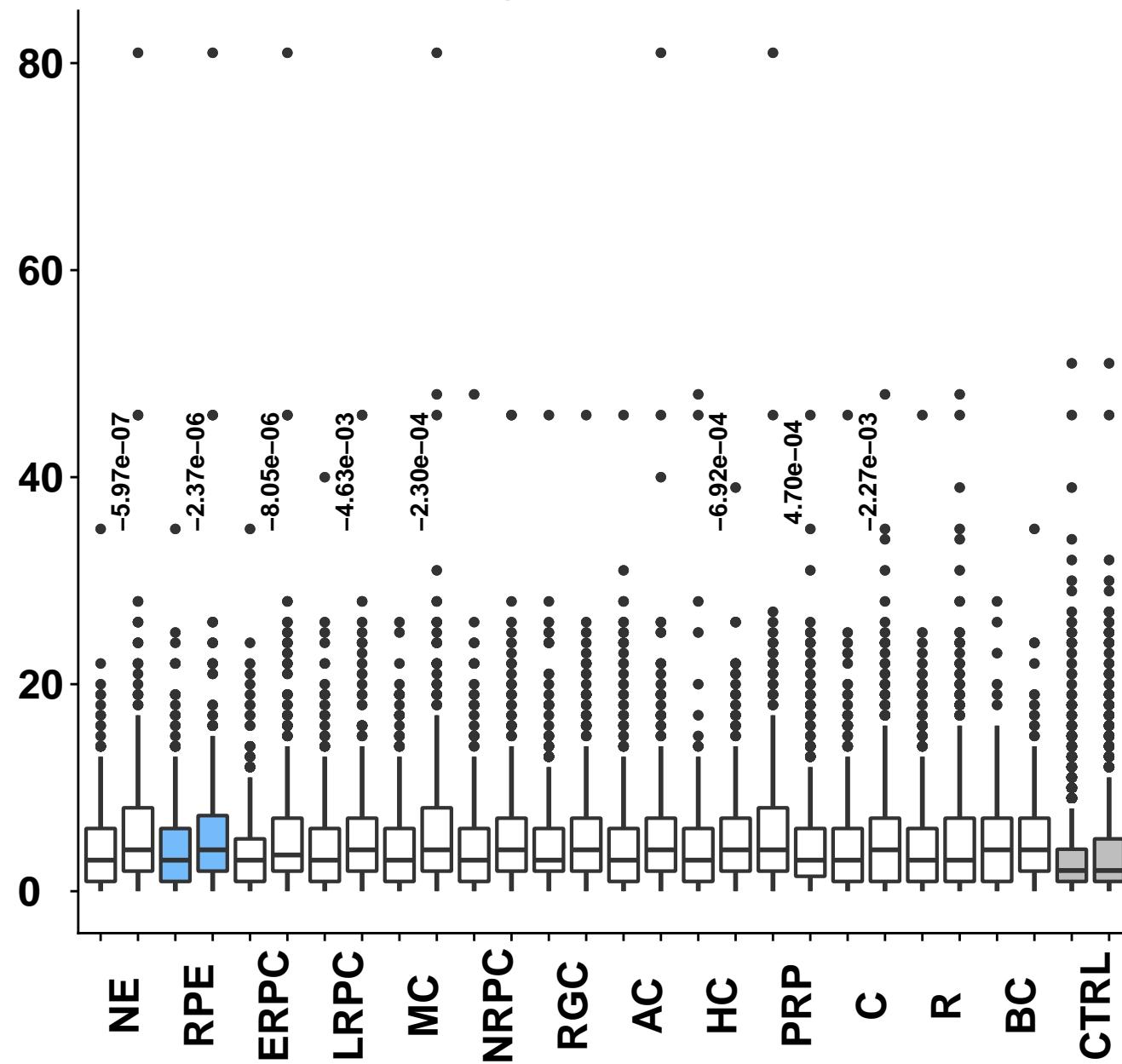
## Egr1\_2\_total



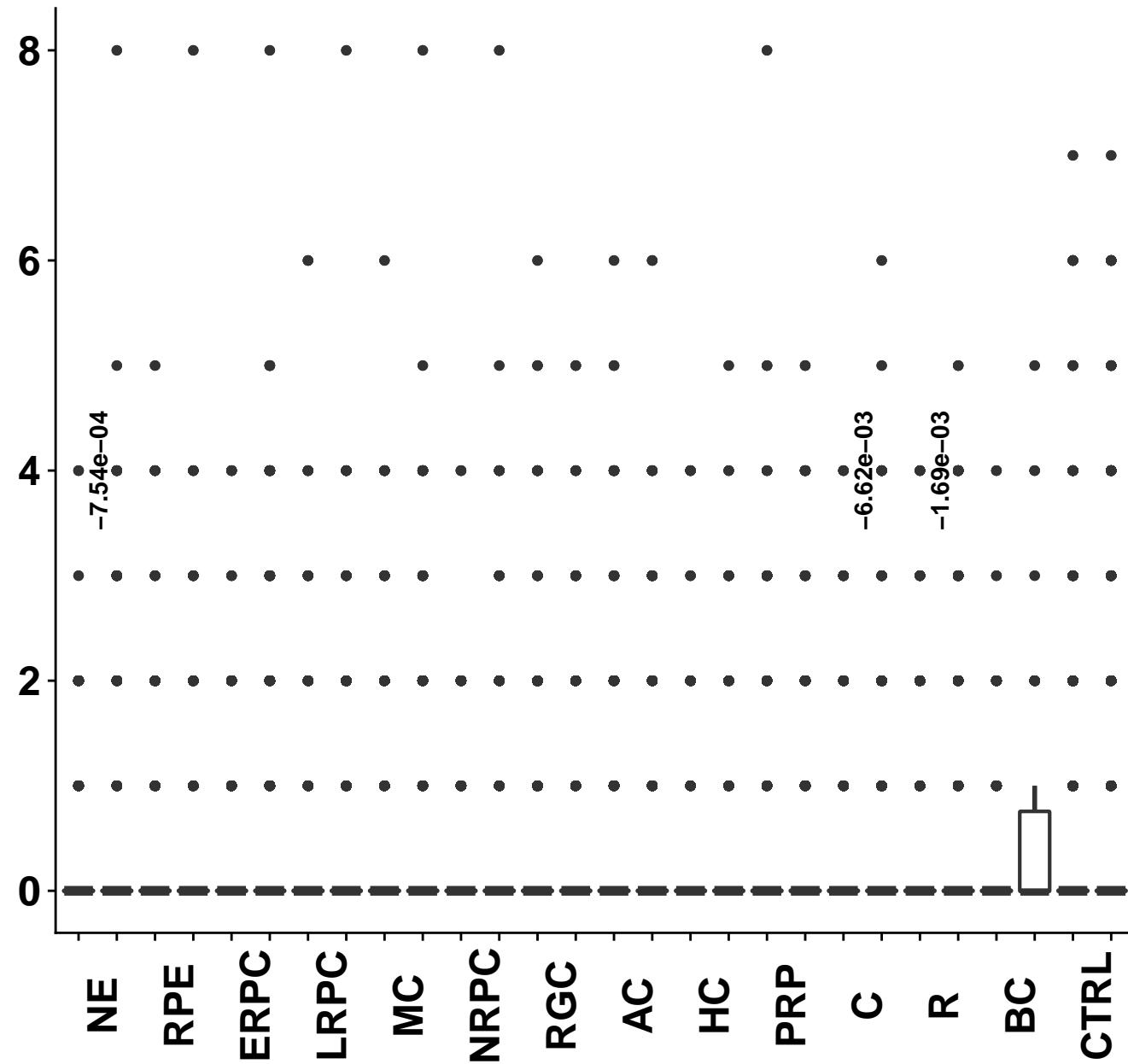
### Egr1\_3\_total



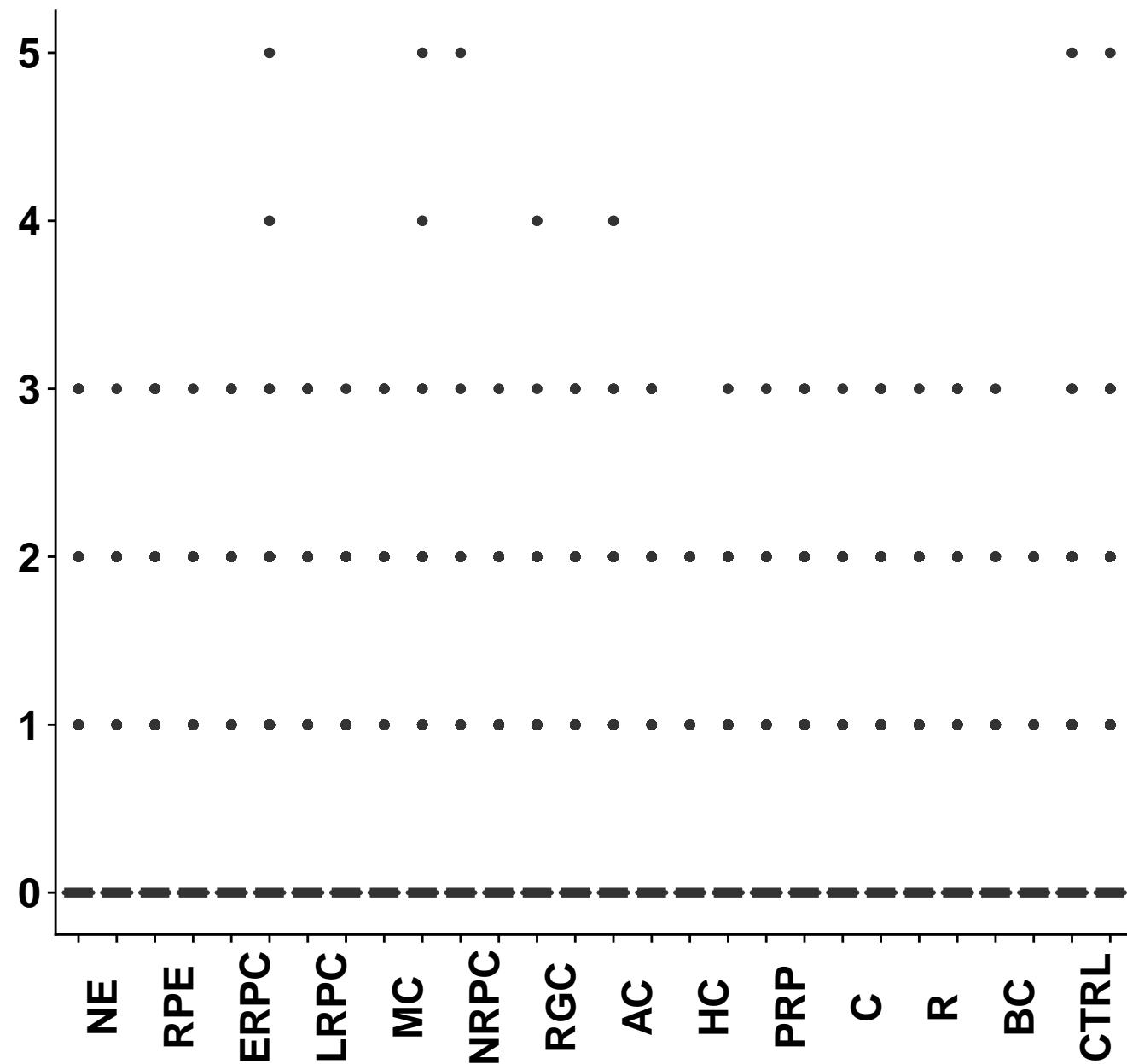
## Egr1\_4\_total



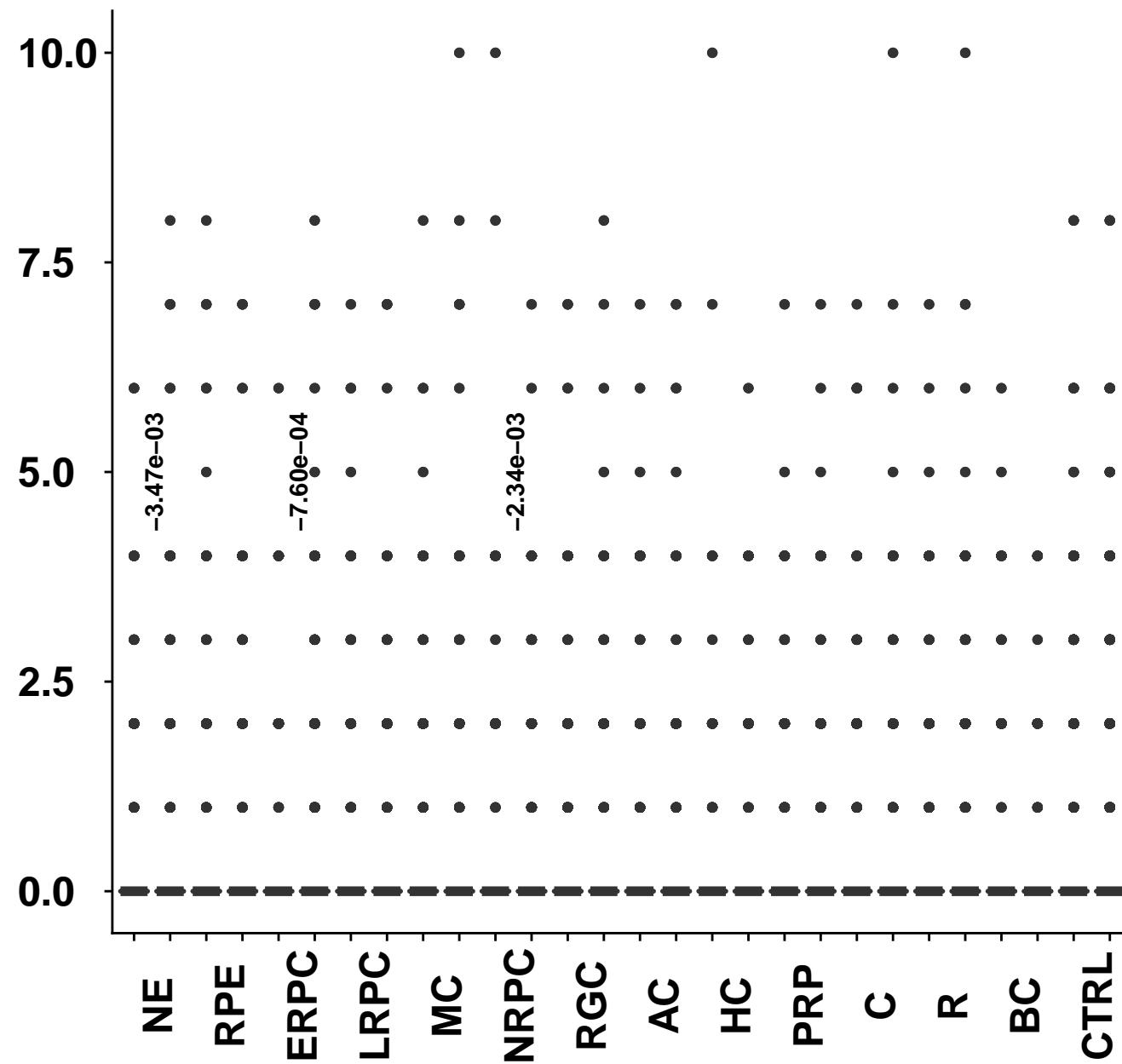
## Creb5\_1\_total



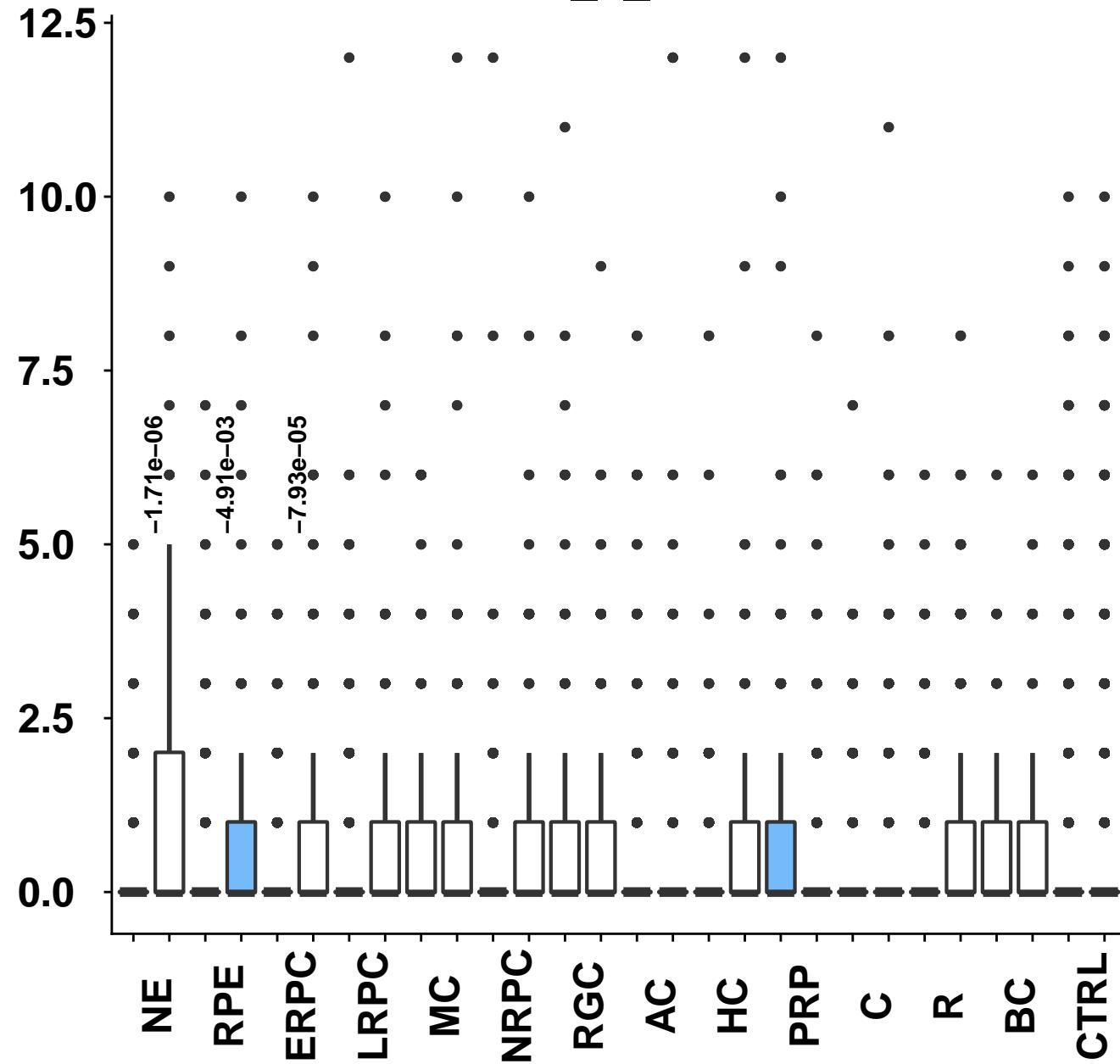
## Hes5\_1\_total



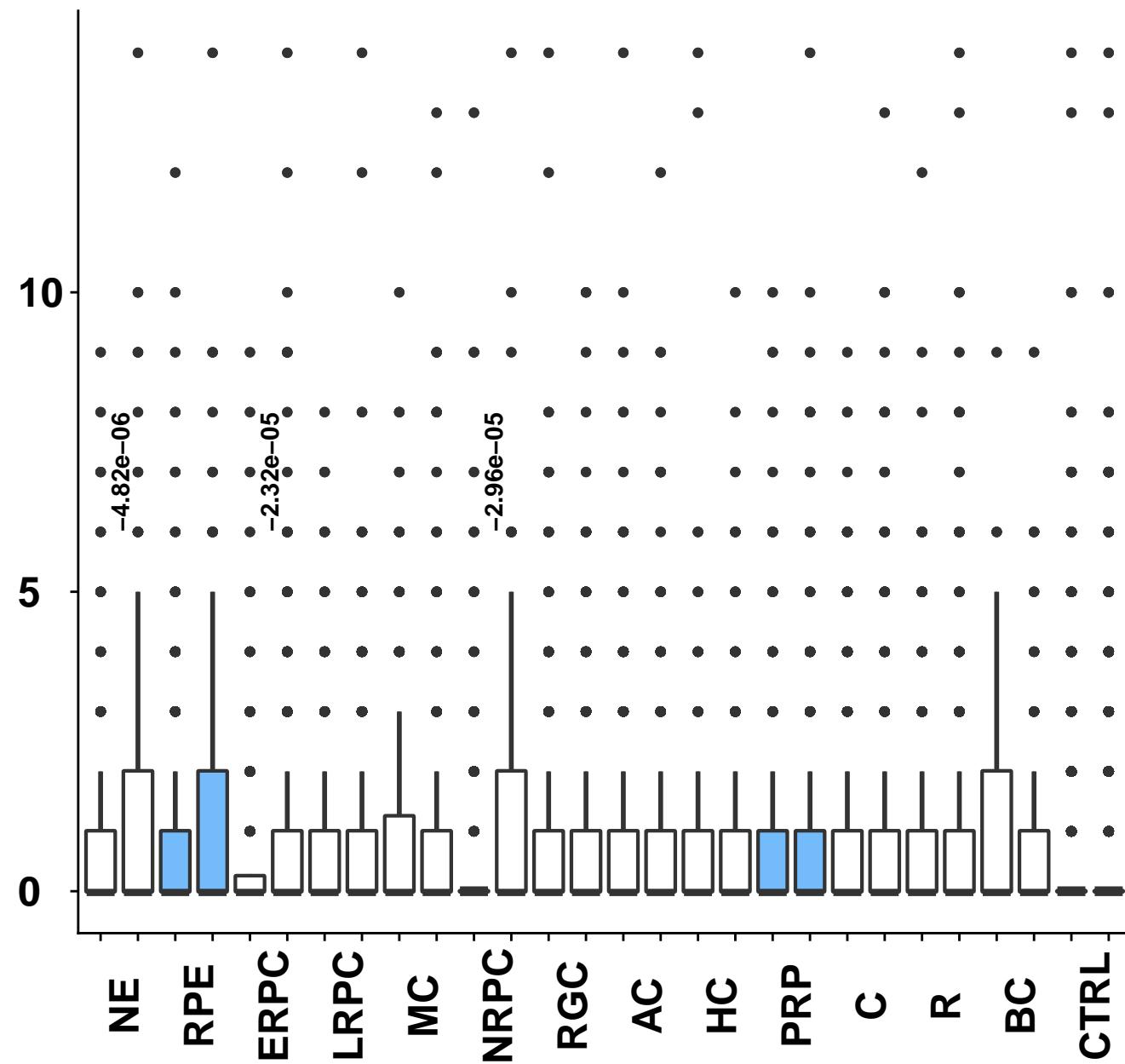
## Jun\_1\_total



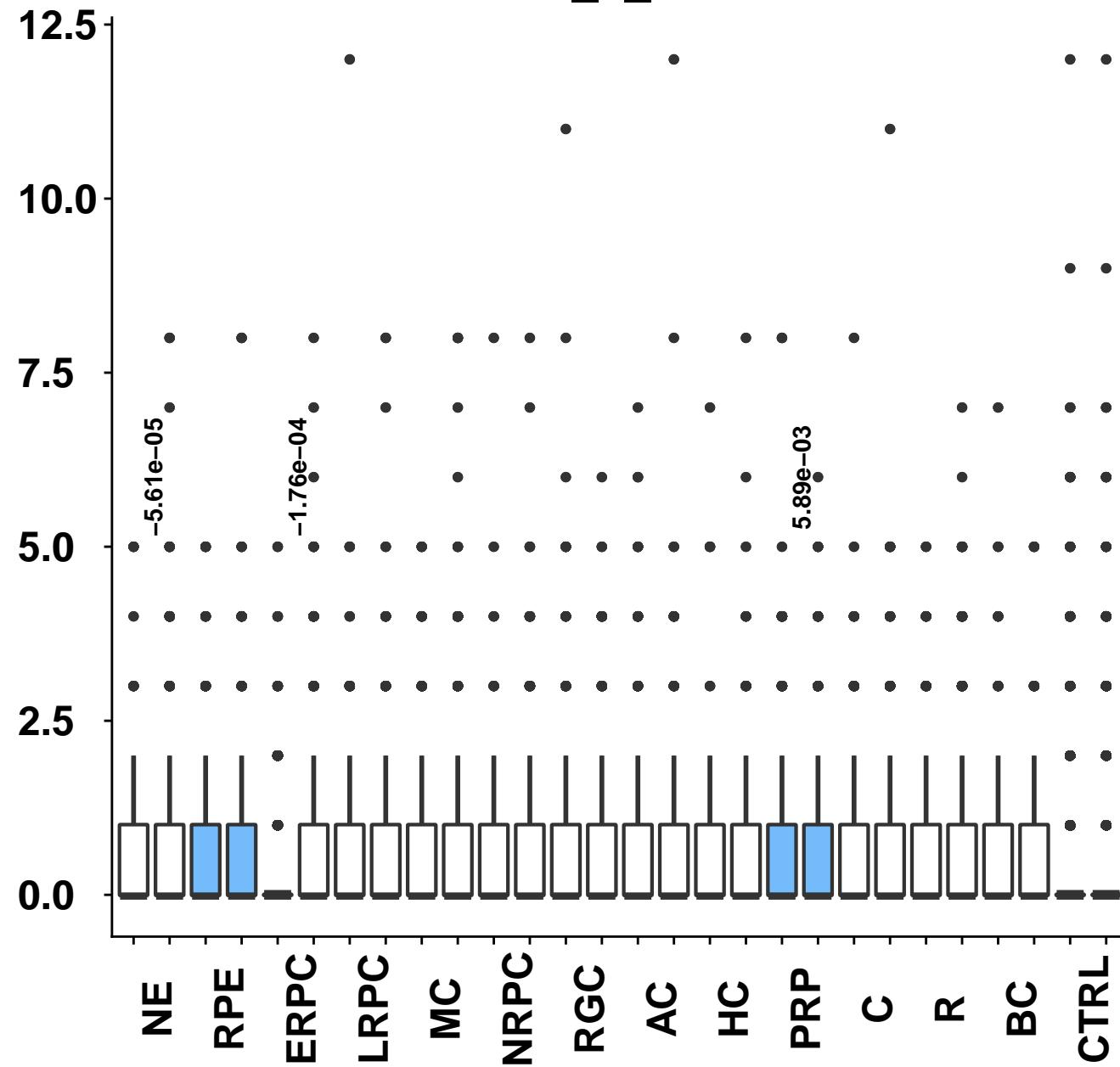
### Jun\_3\_total



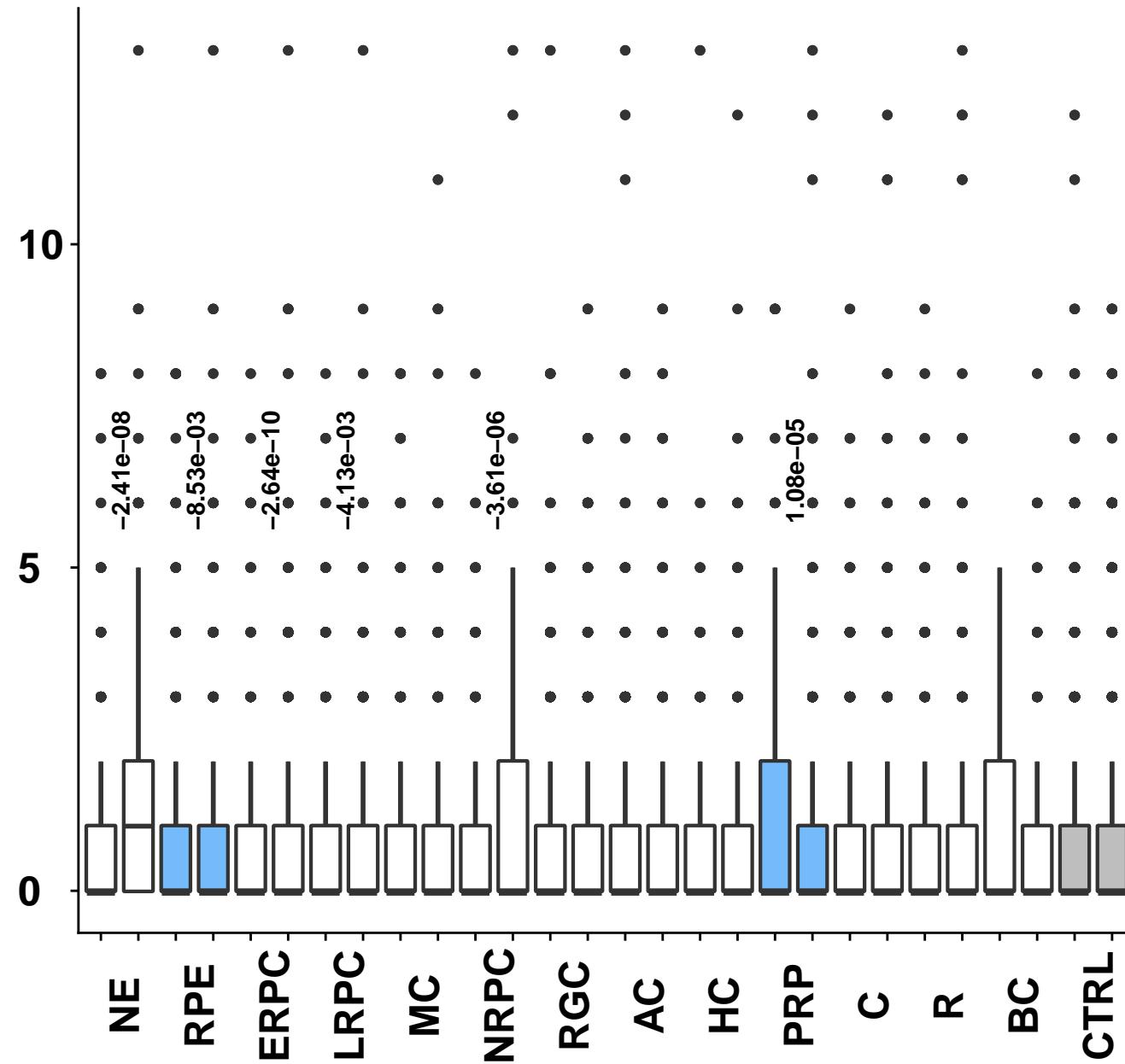
## Jun\_8\_total



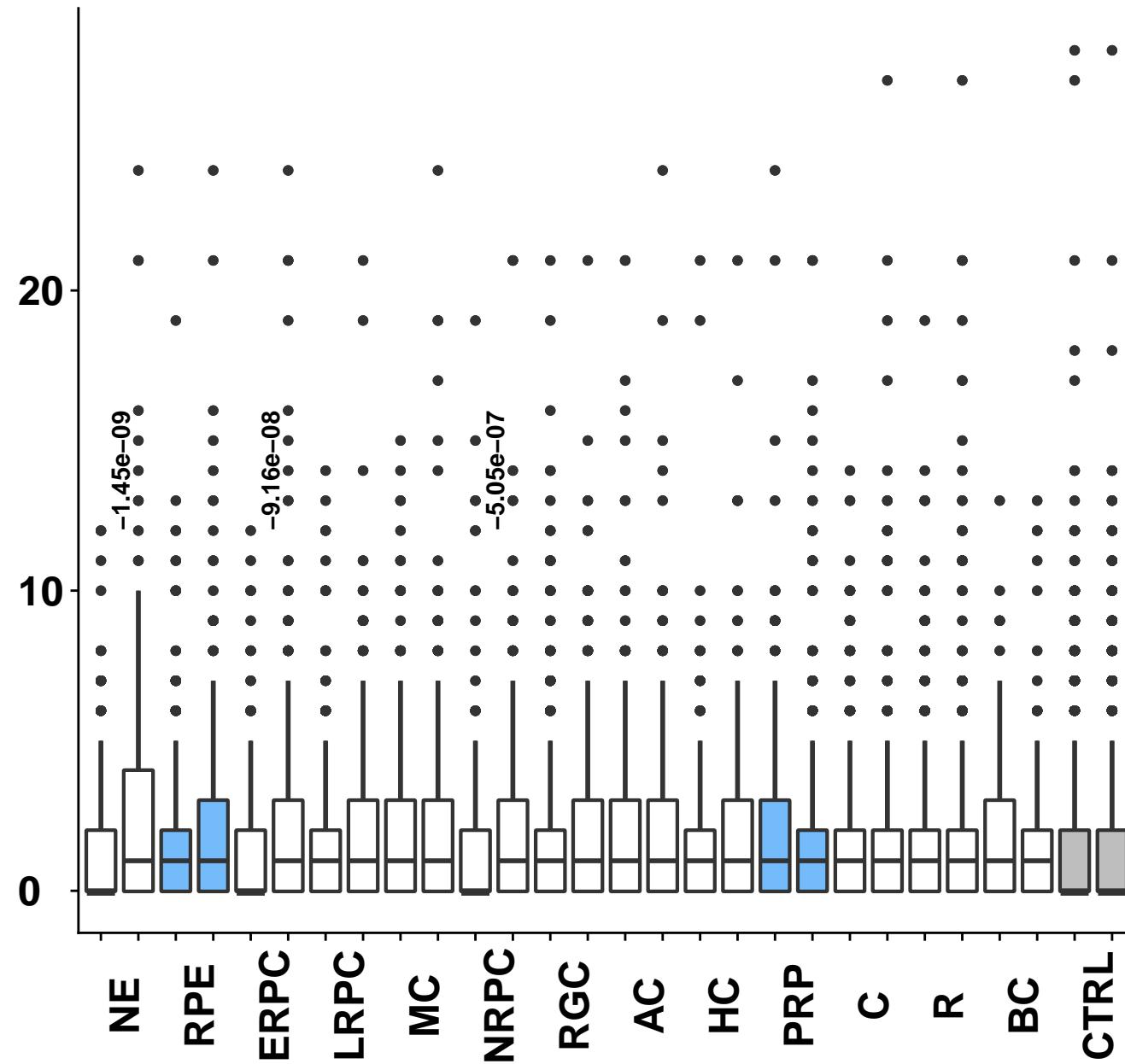
## Jun\_9\_total



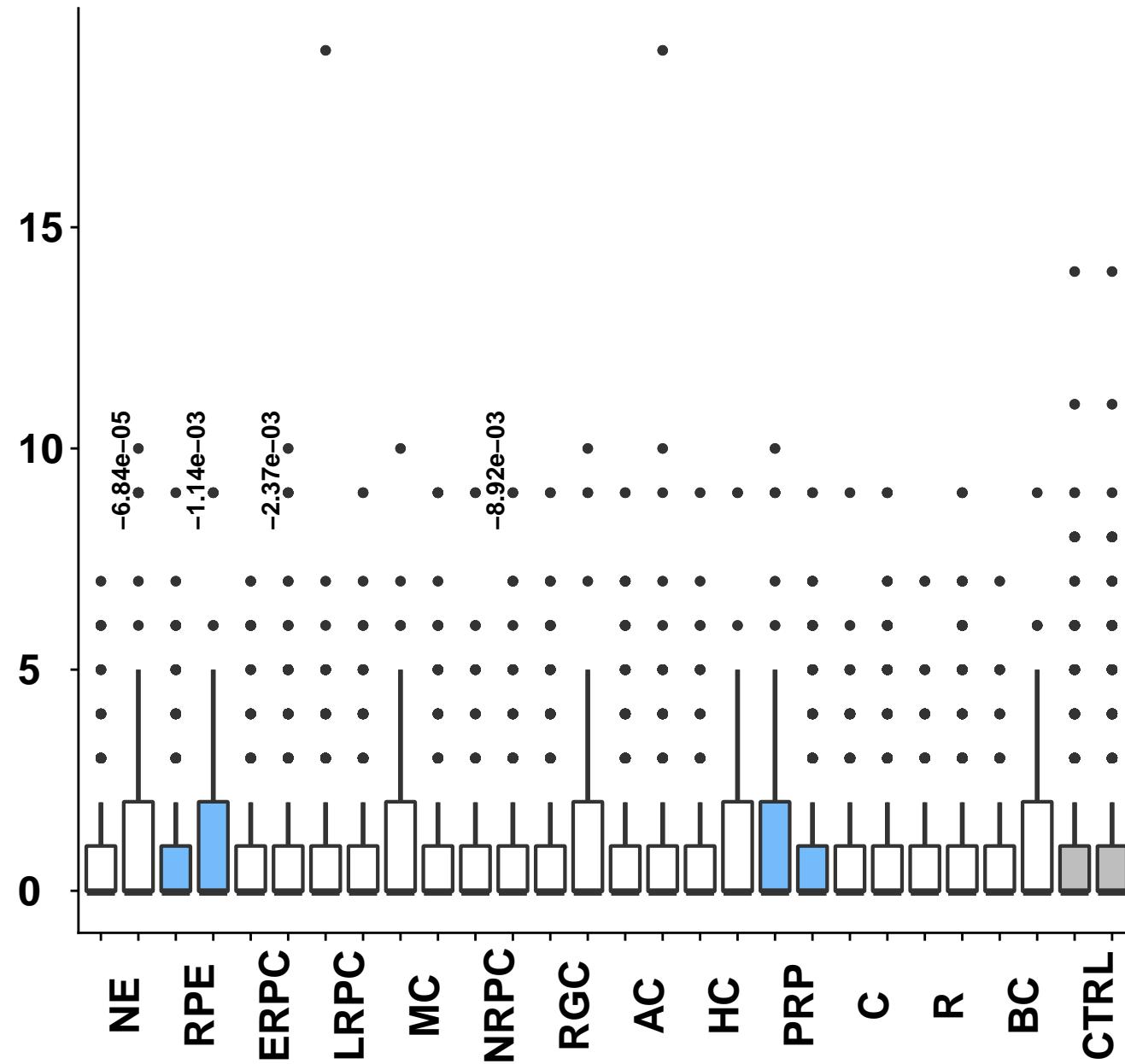
## Jun\_10\_total



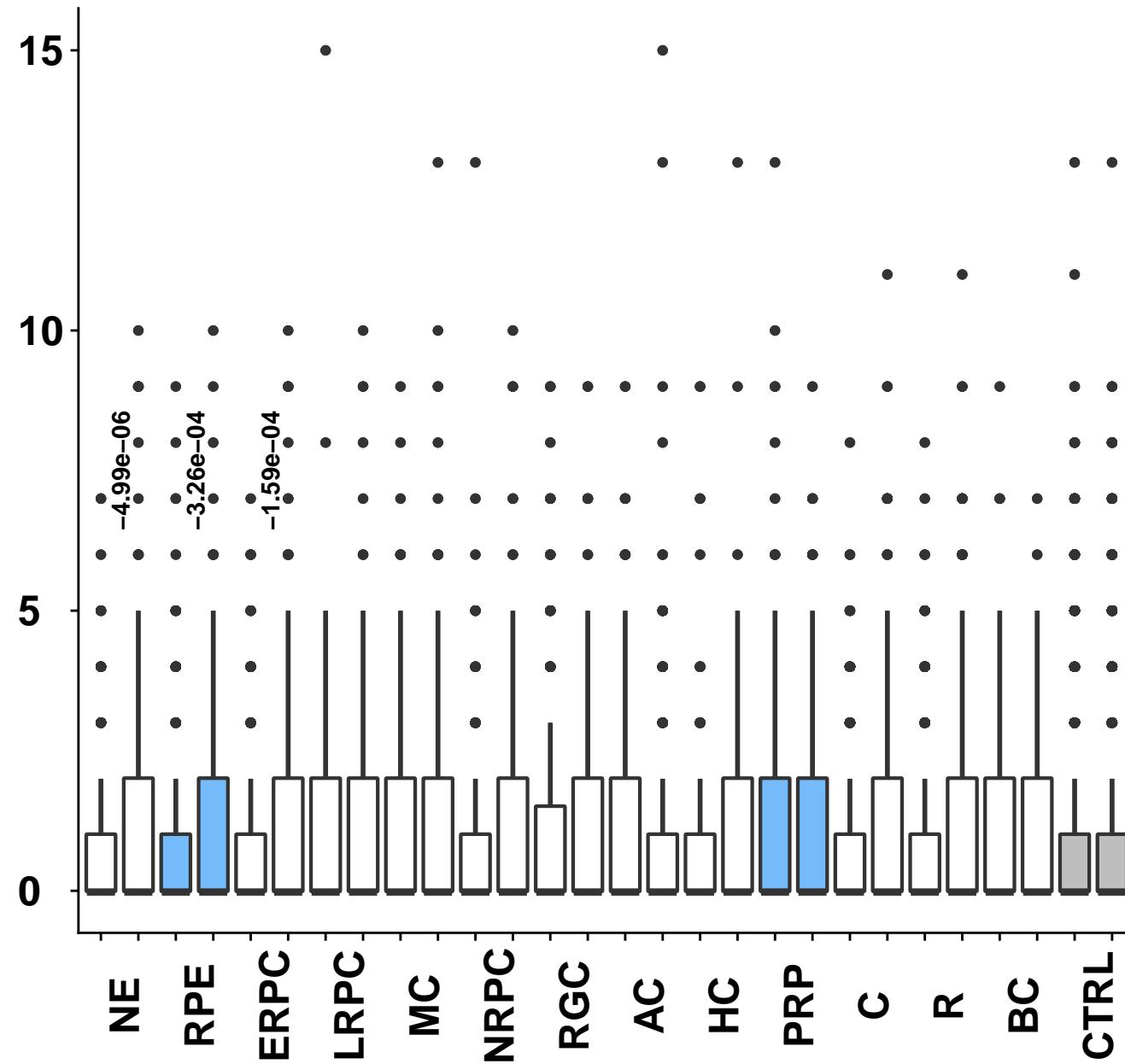
# Jun\_11\_total



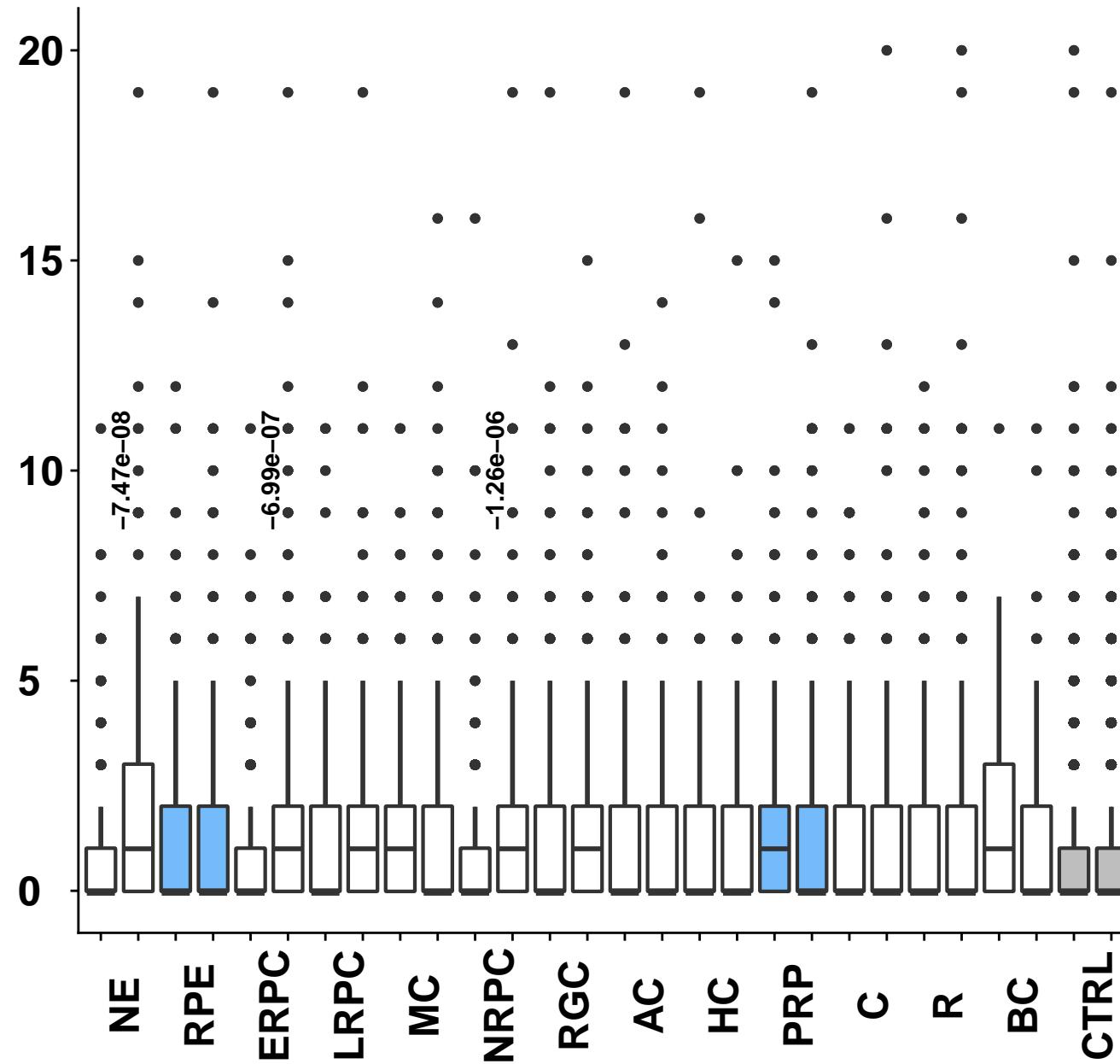
## Jun\_12\_total



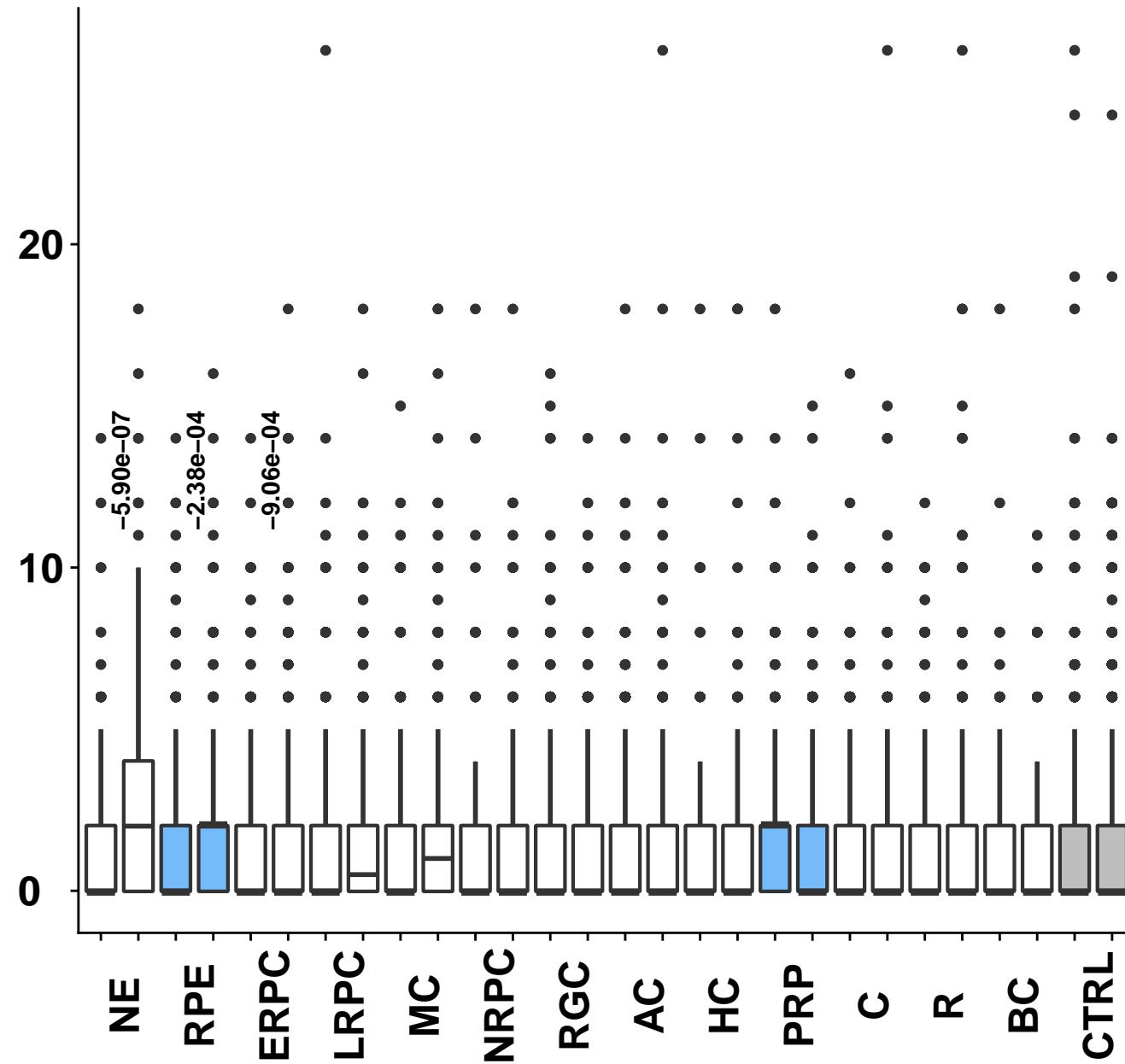
## Jun\_13\_total



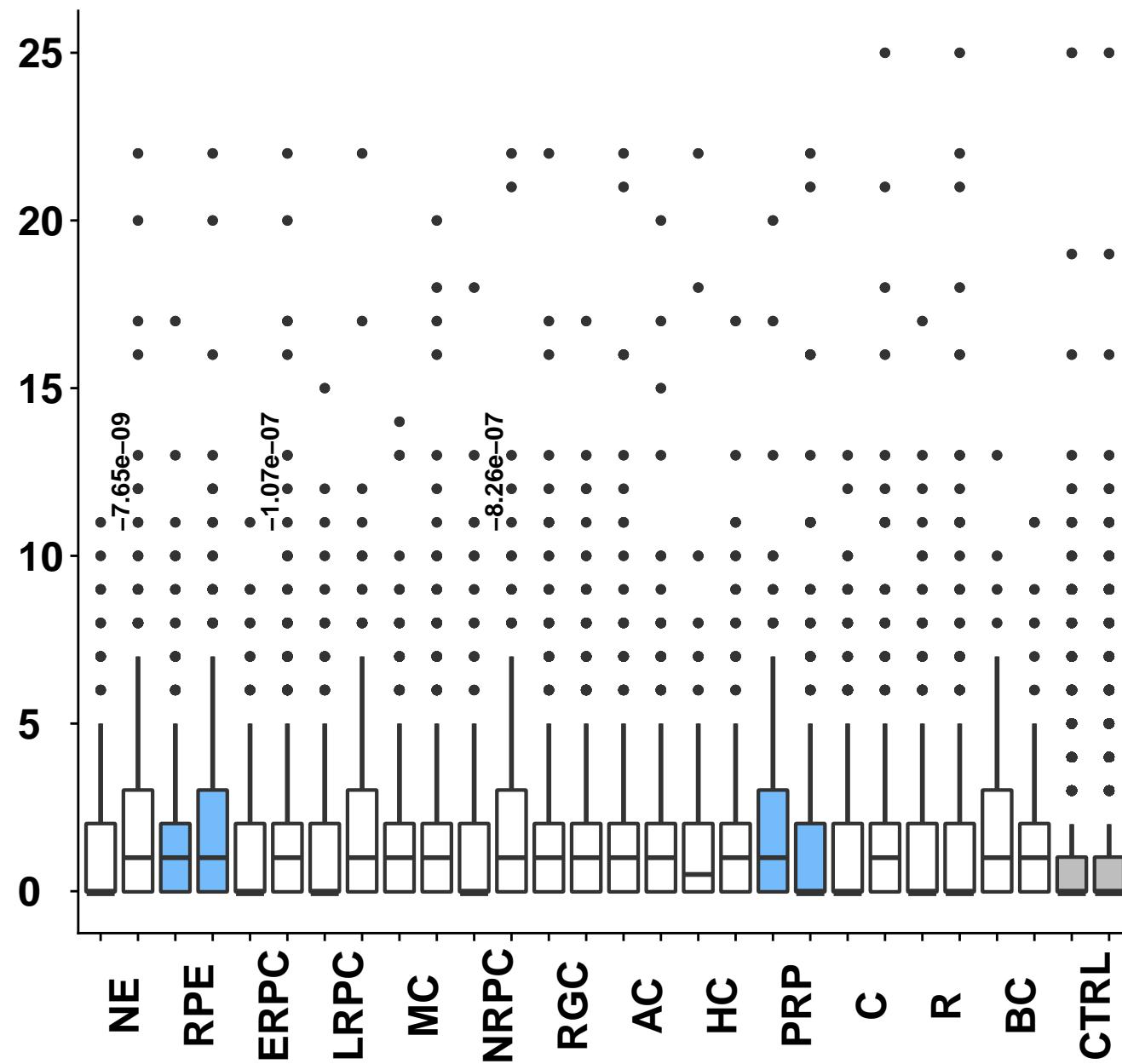
## Jun\_14\_total



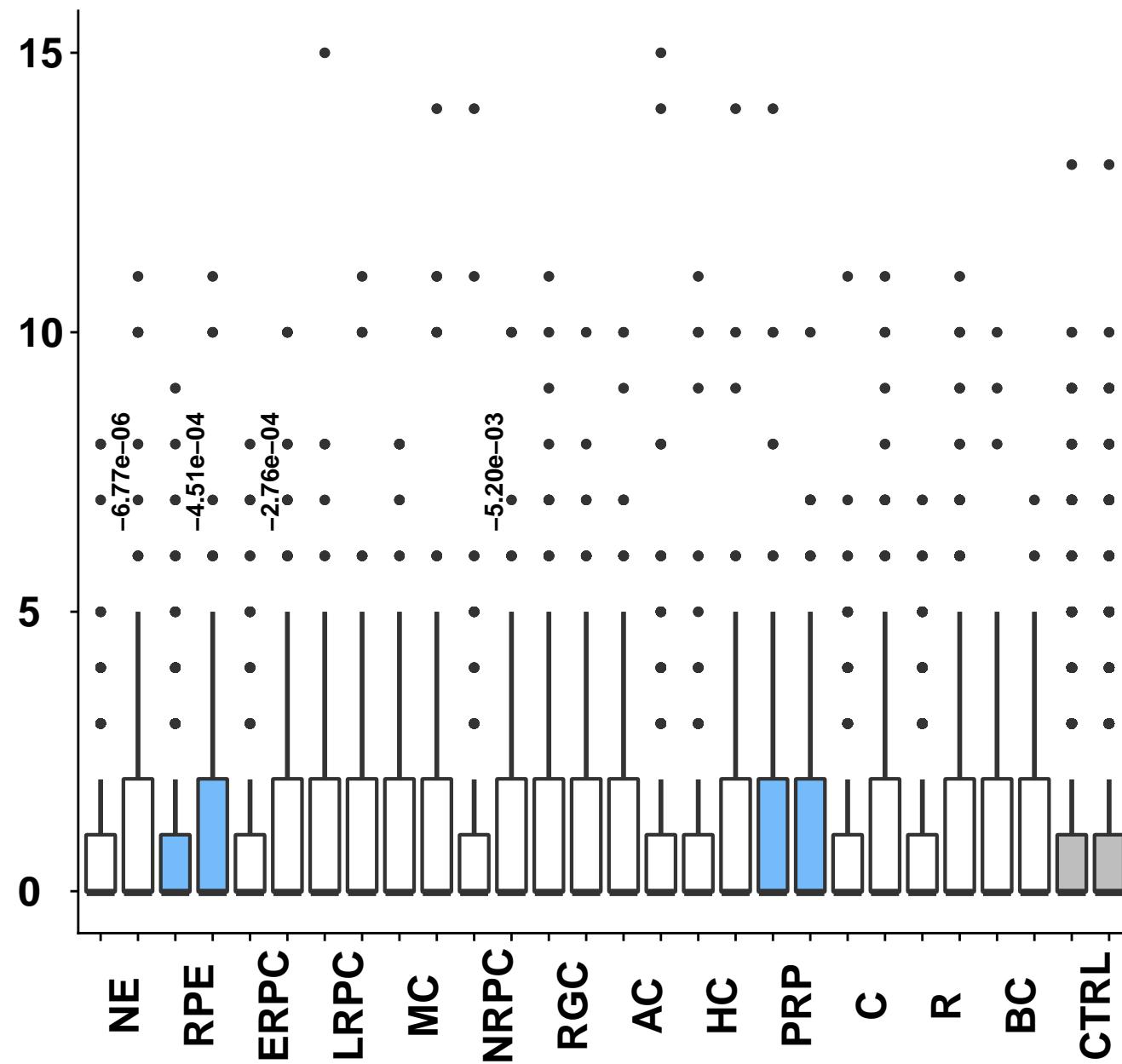
## Jun\_15\_total



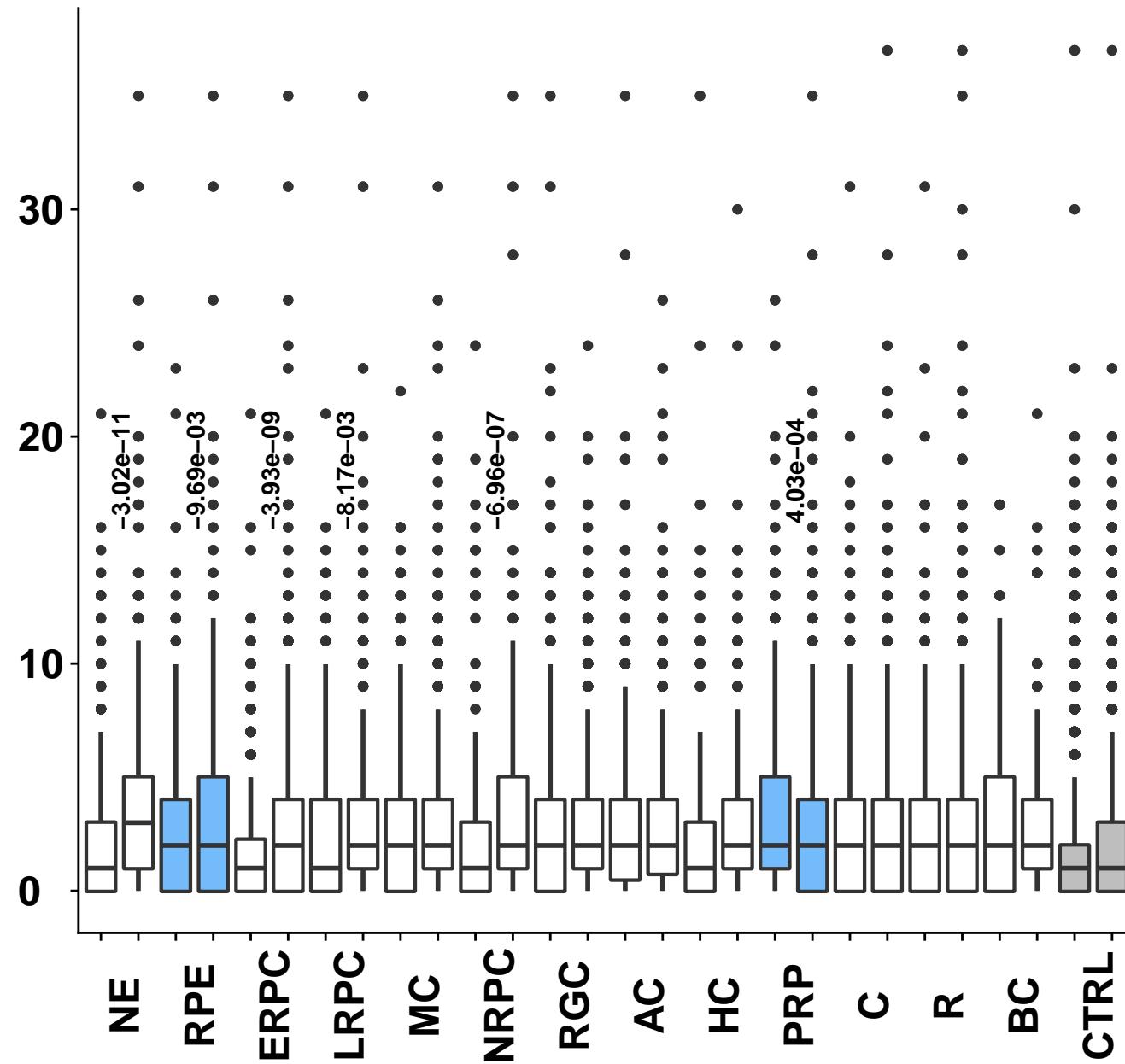
# Jun\_16\_total



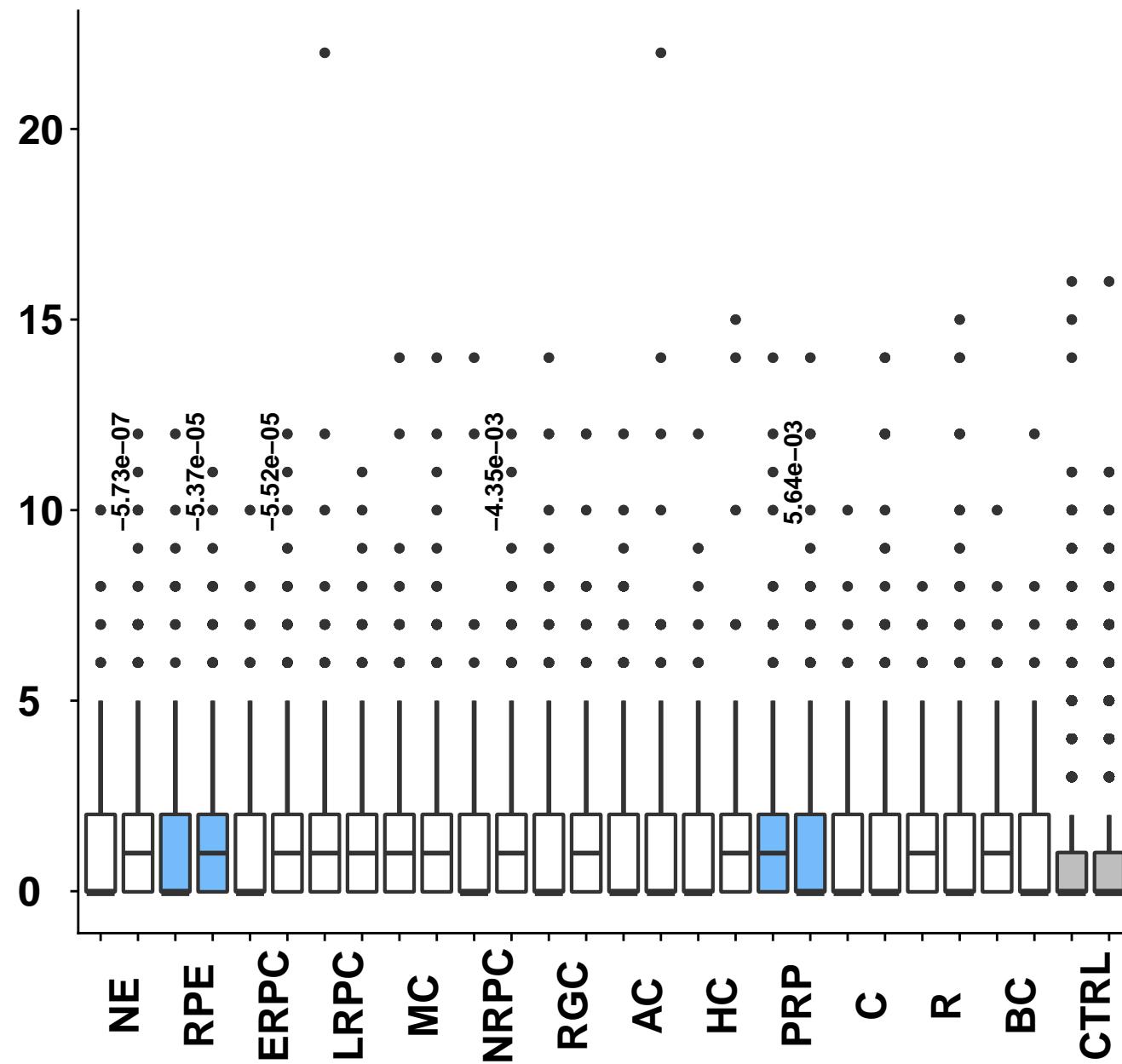
## Jun\_17\_total



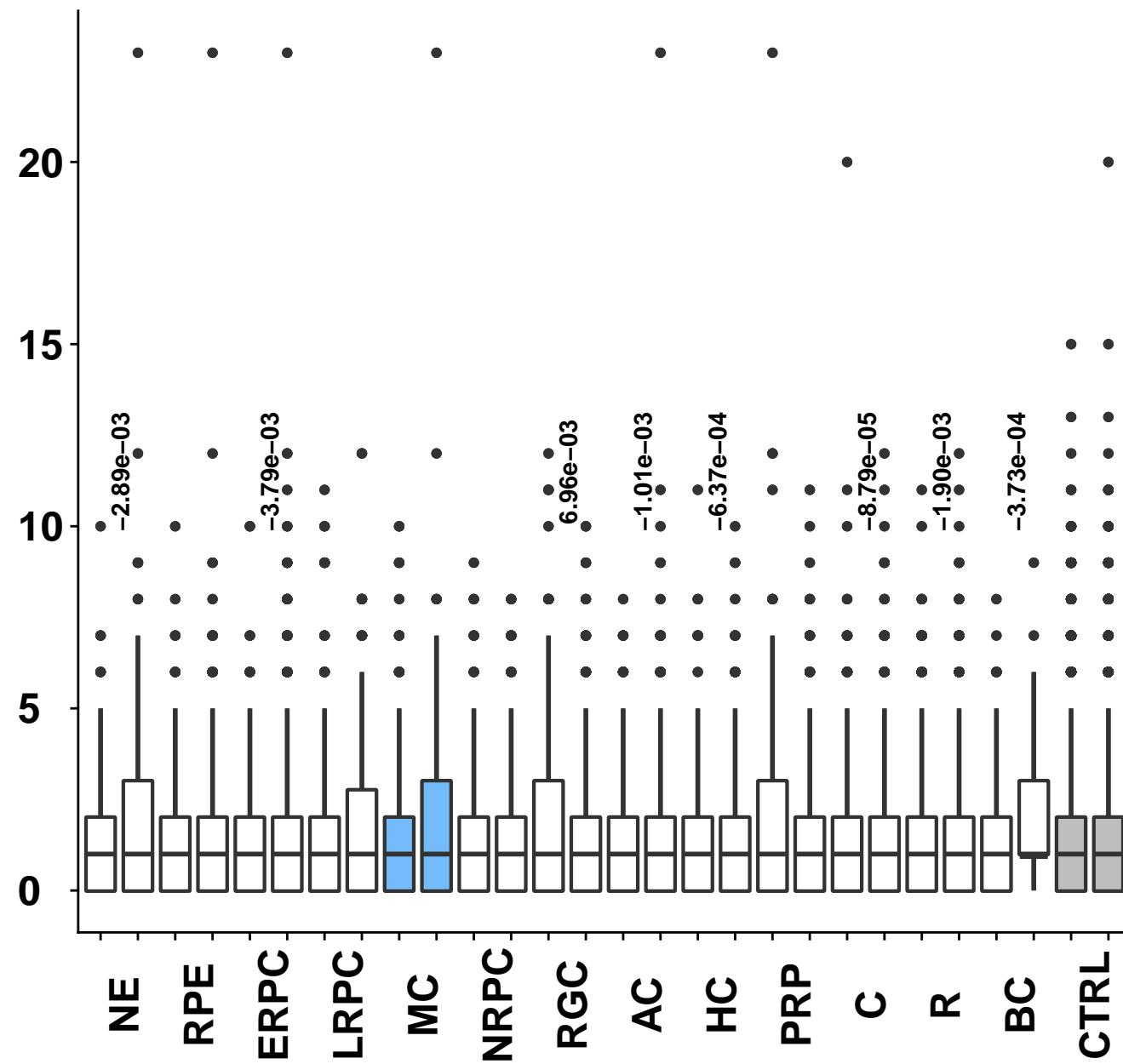
## Jun\_18\_total



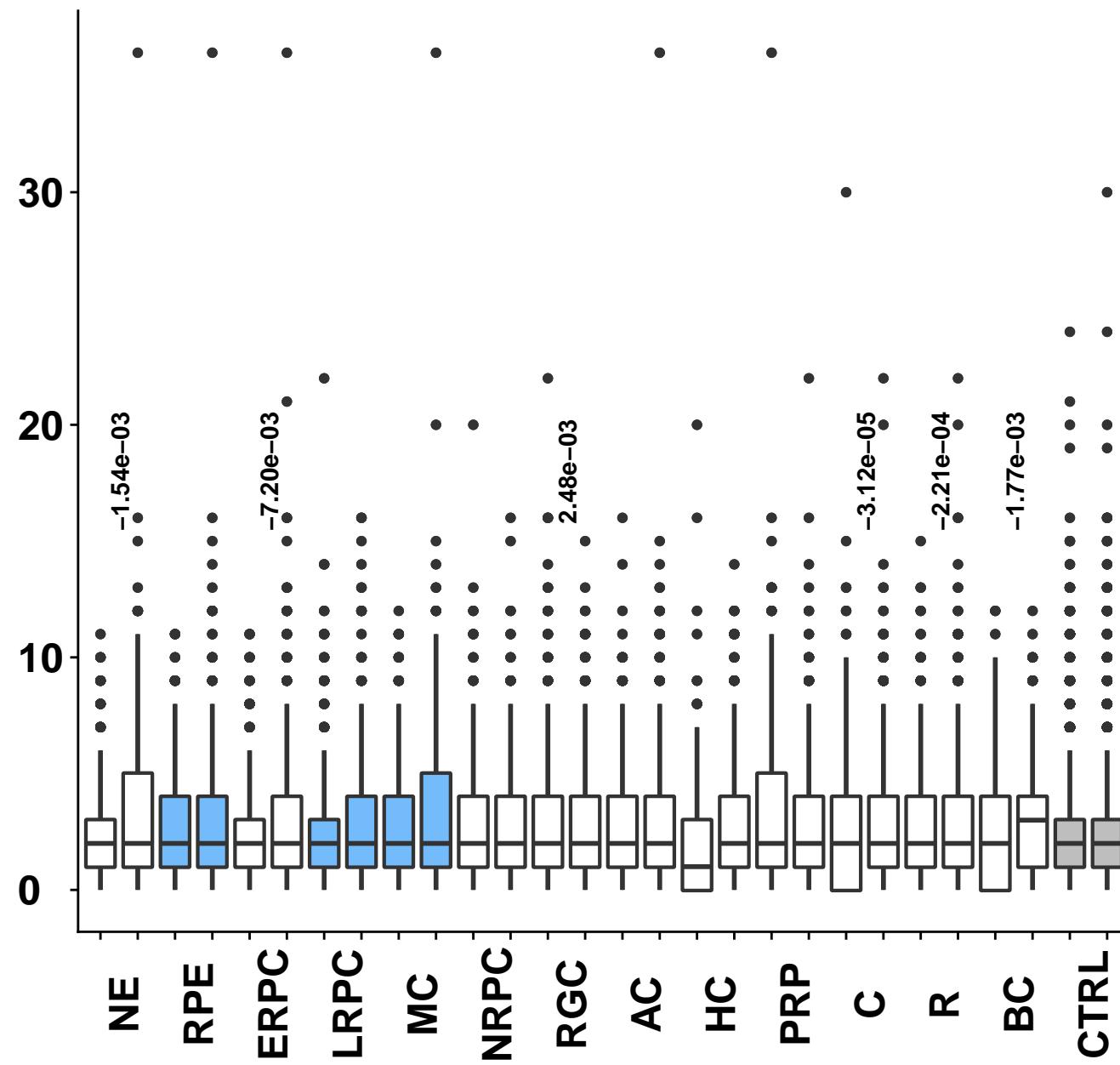
## Jun\_19\_total



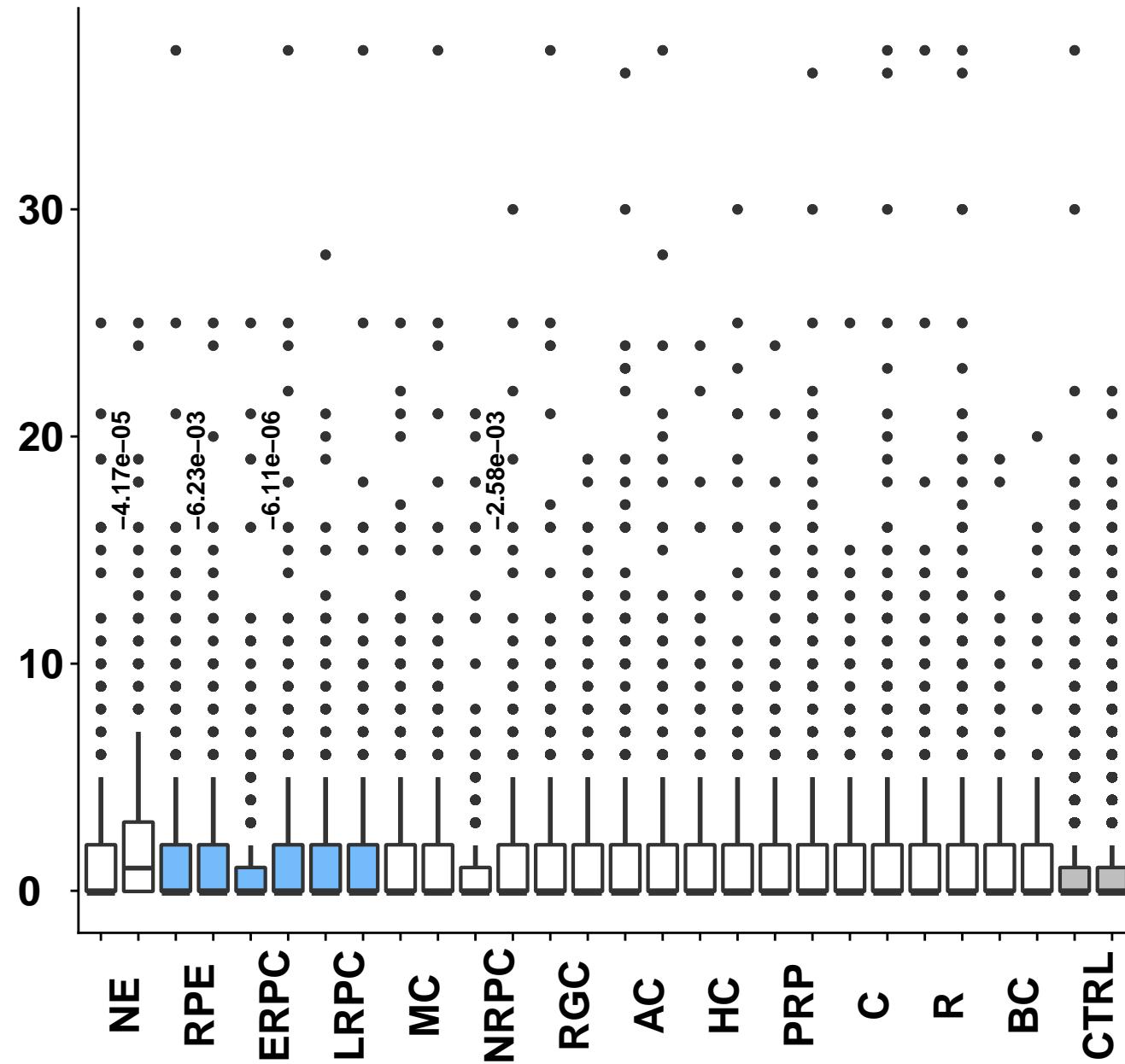
## Klf3\_1\_total



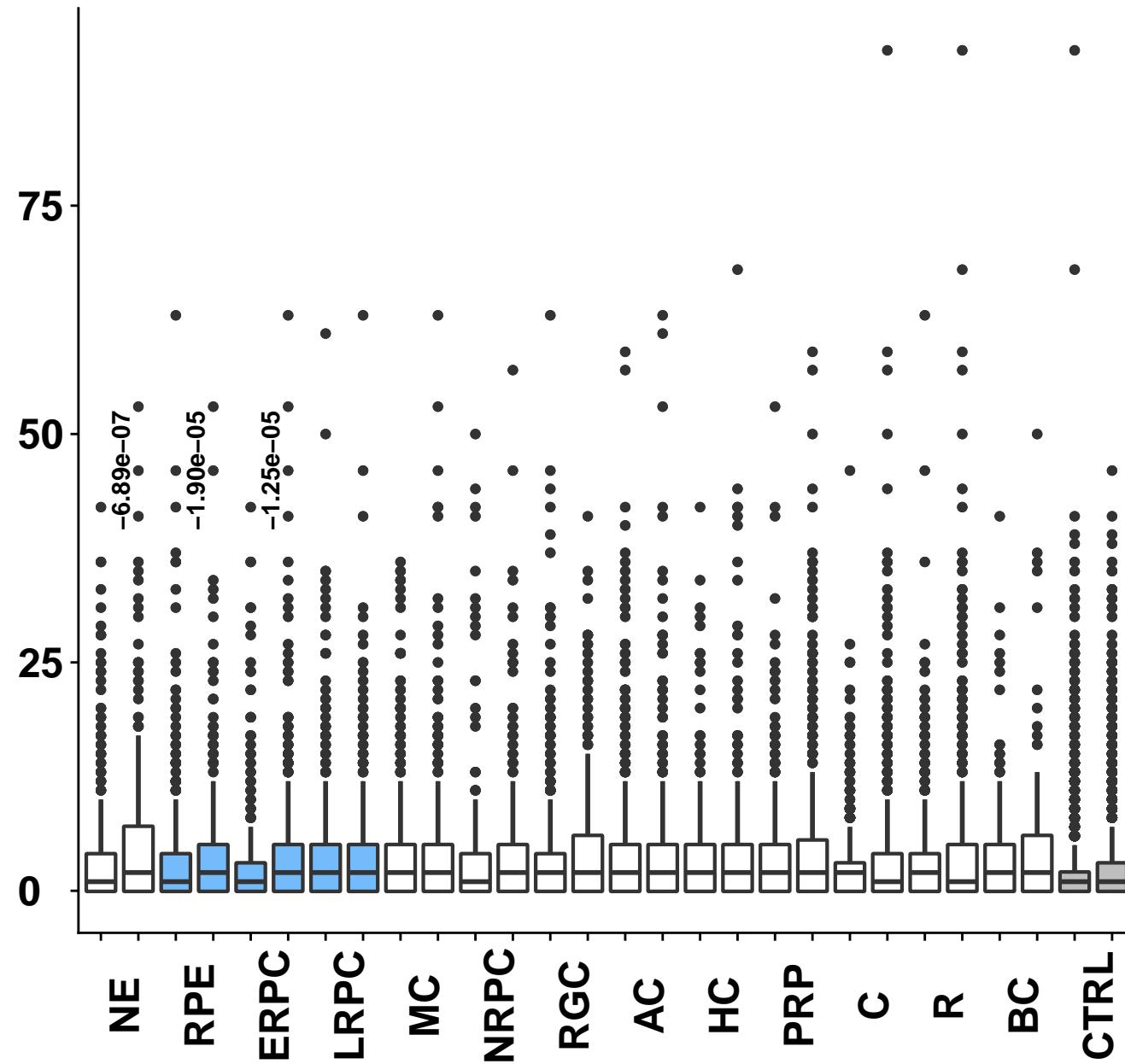
## Klf6\_1\_total



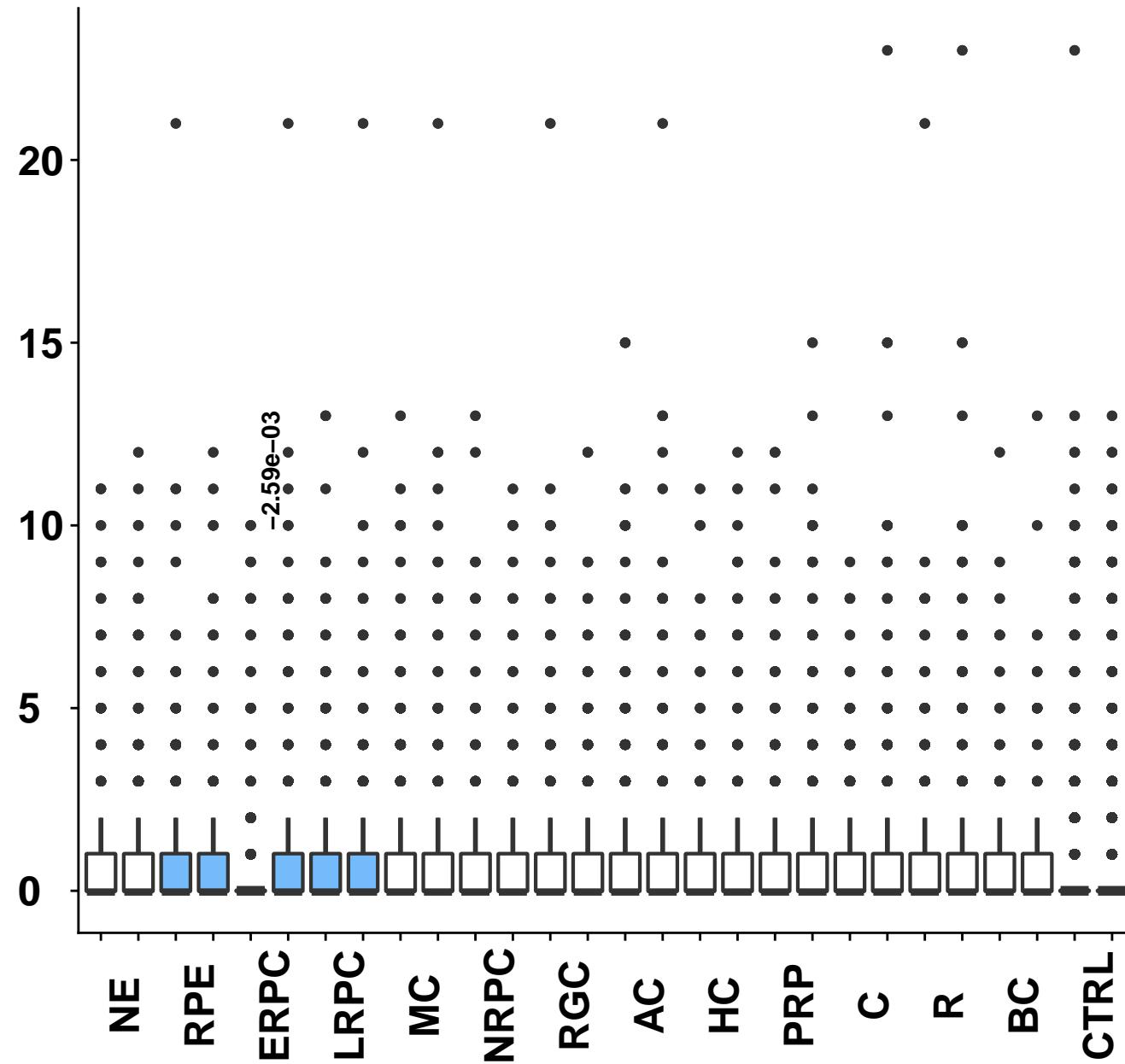
## Lhx2\_1\_total



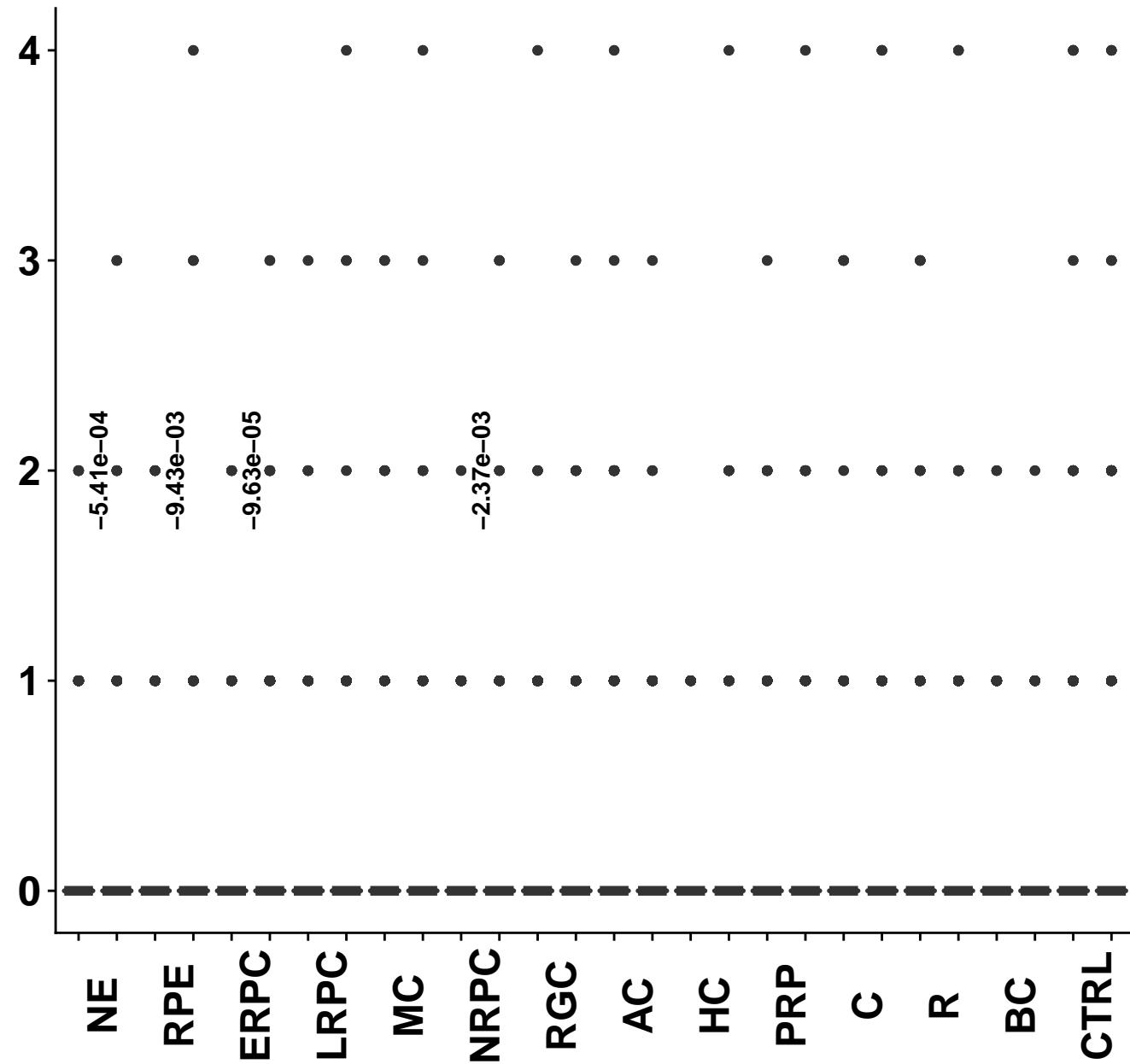
## Lhx2\_2\_total



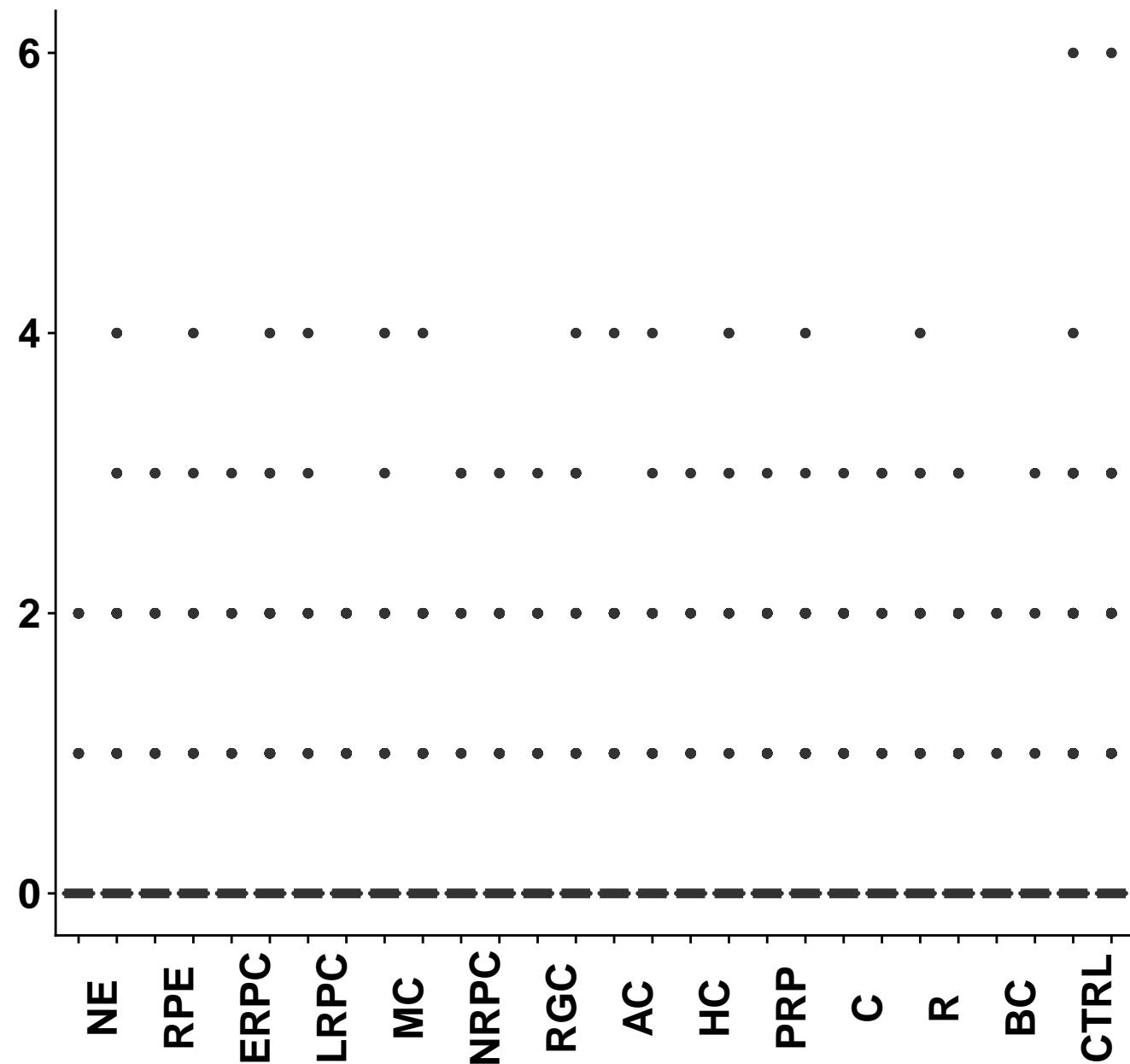
## Lhx2\_3\_total

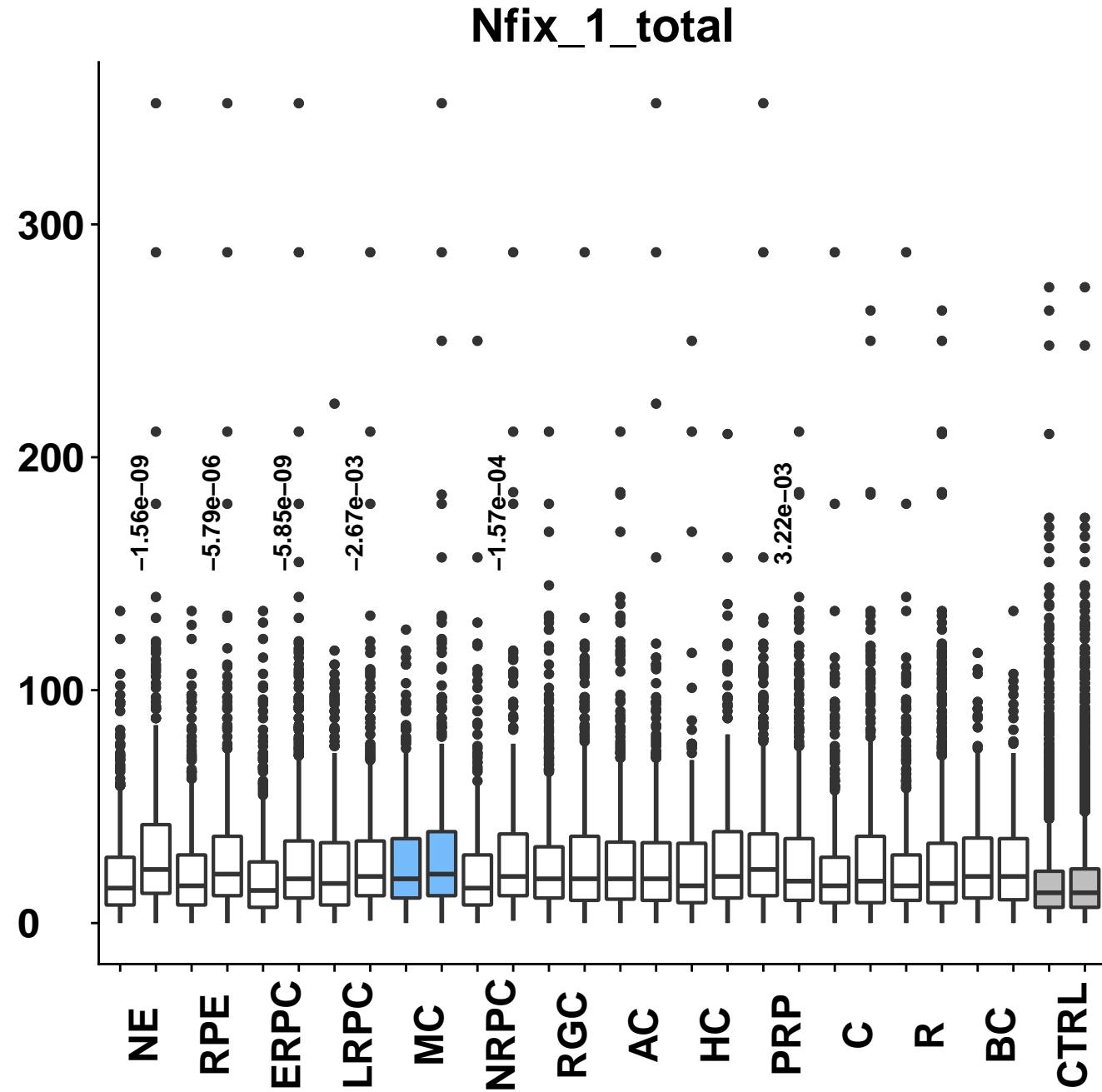


## Maff\_1\_total

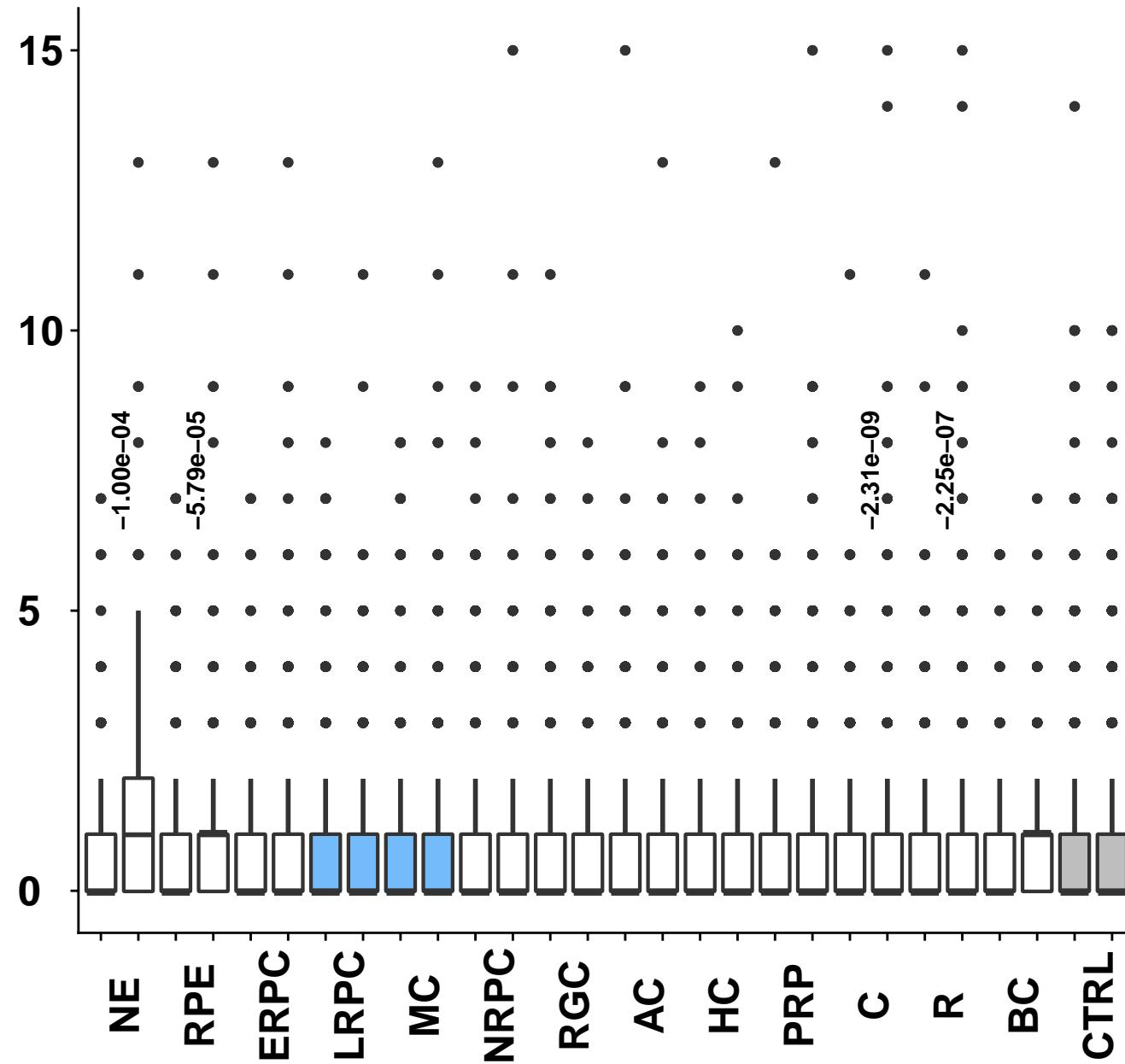


## Maff\_2\_total

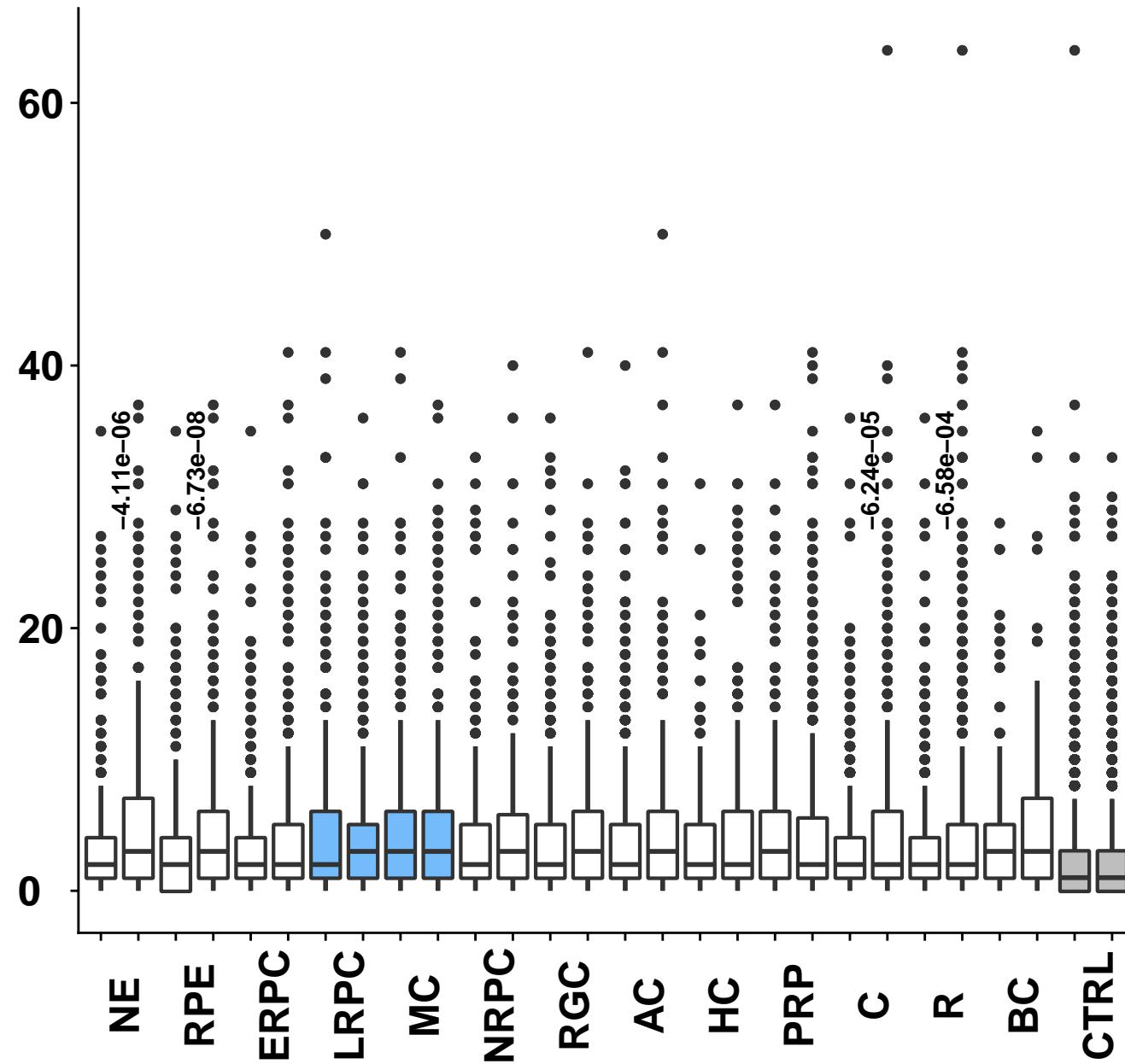




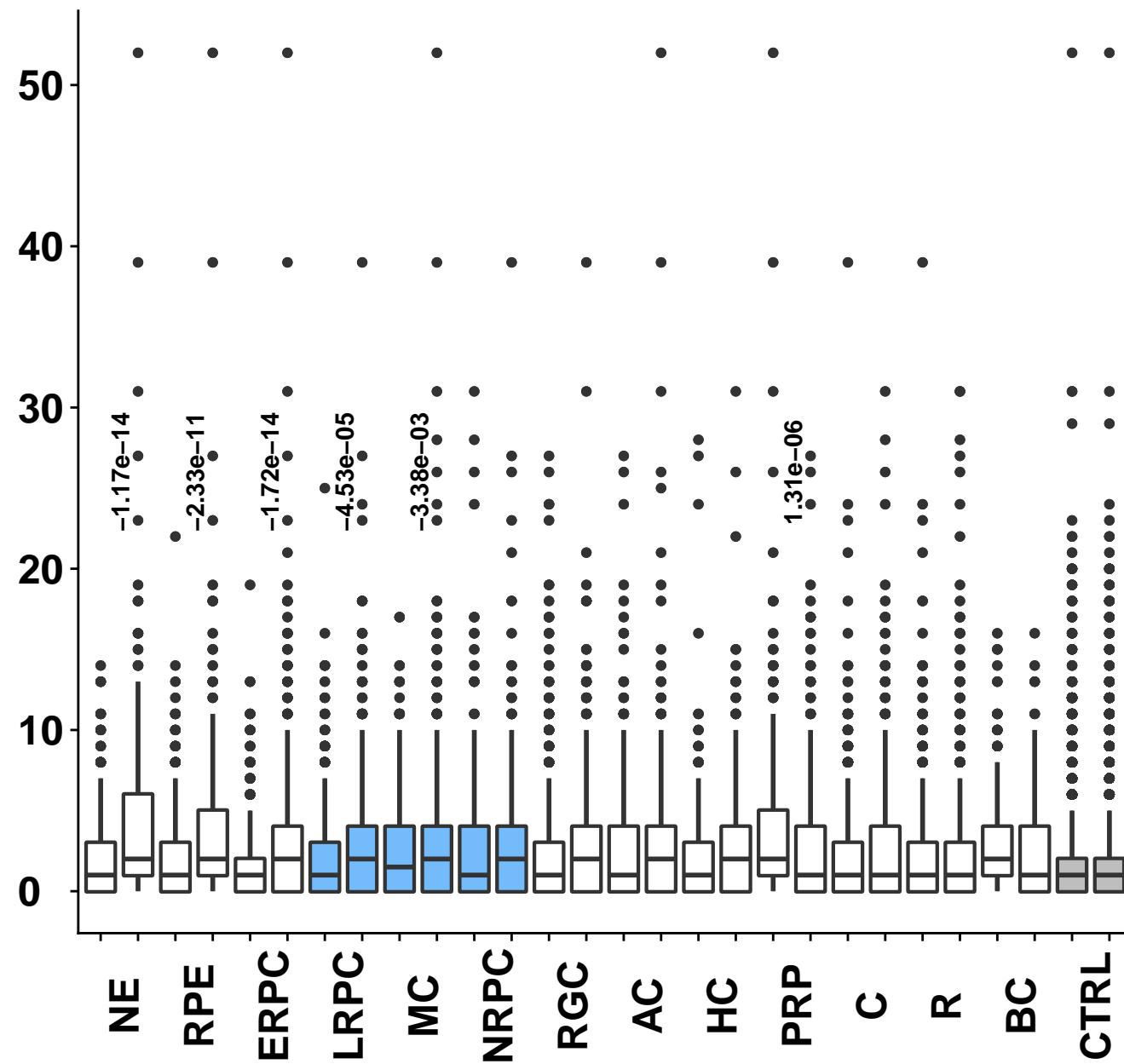
## Sox9\_1\_total



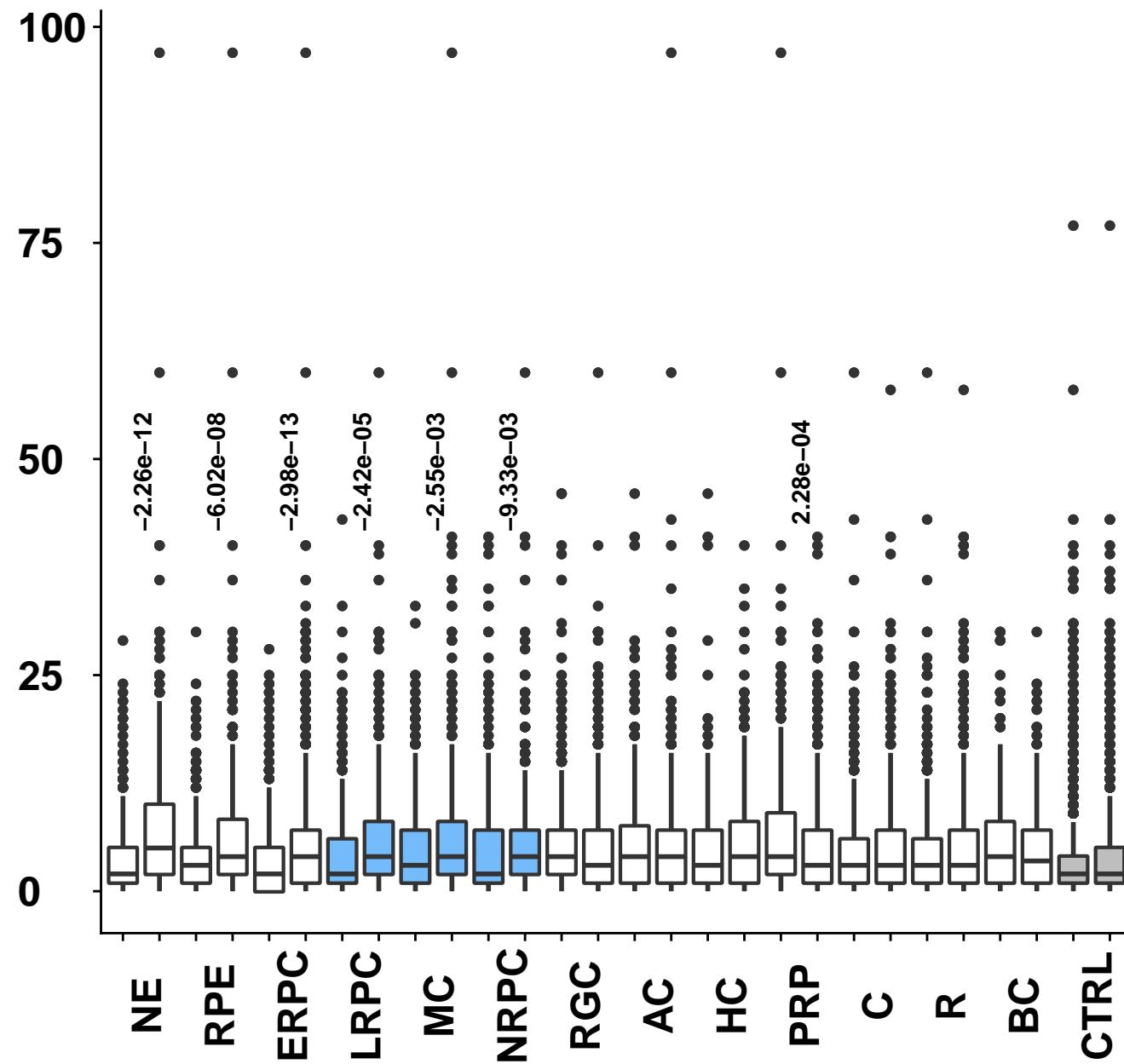
## **Sox9\_2\_total**



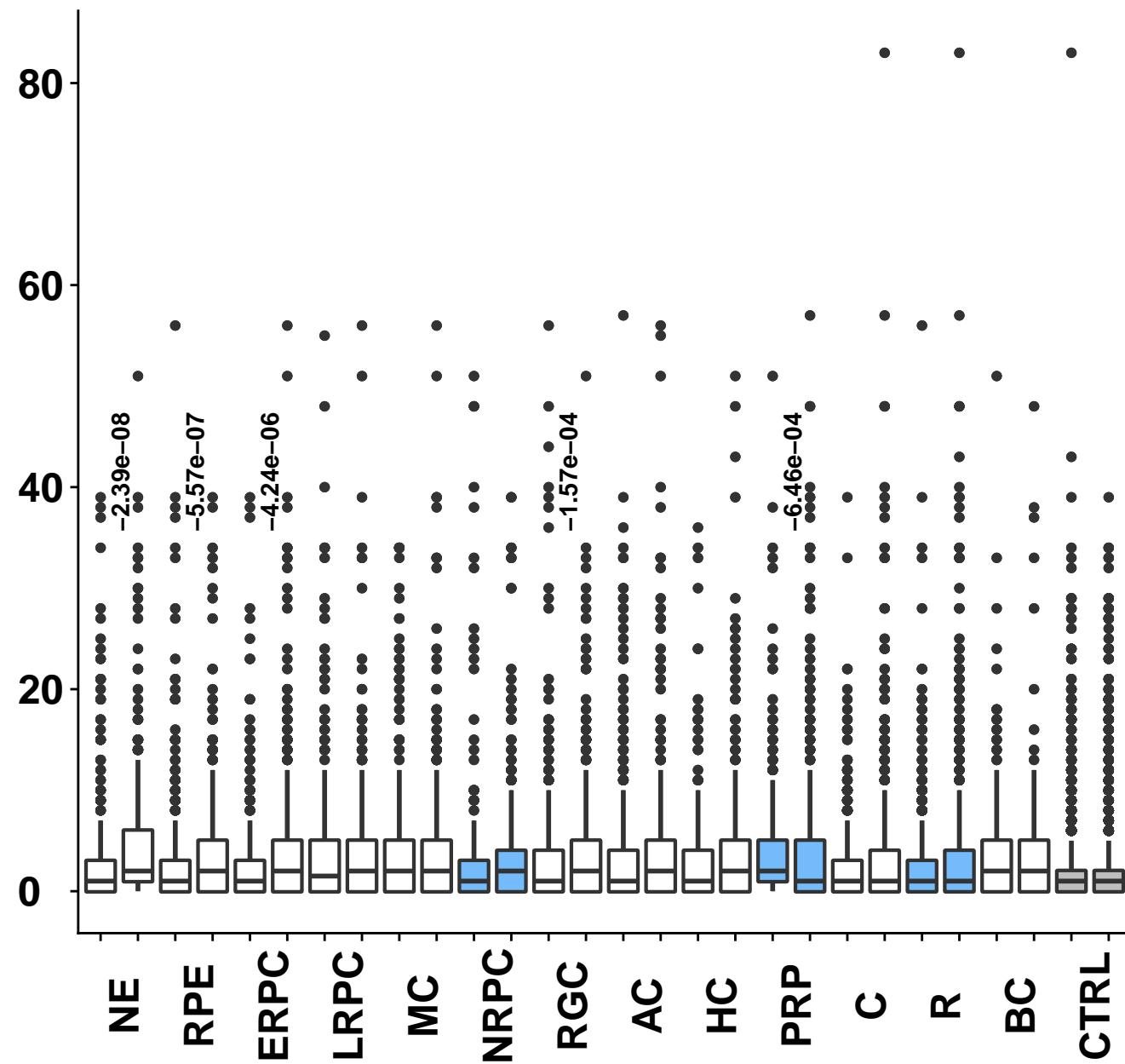
## Tcf4\_1\_total



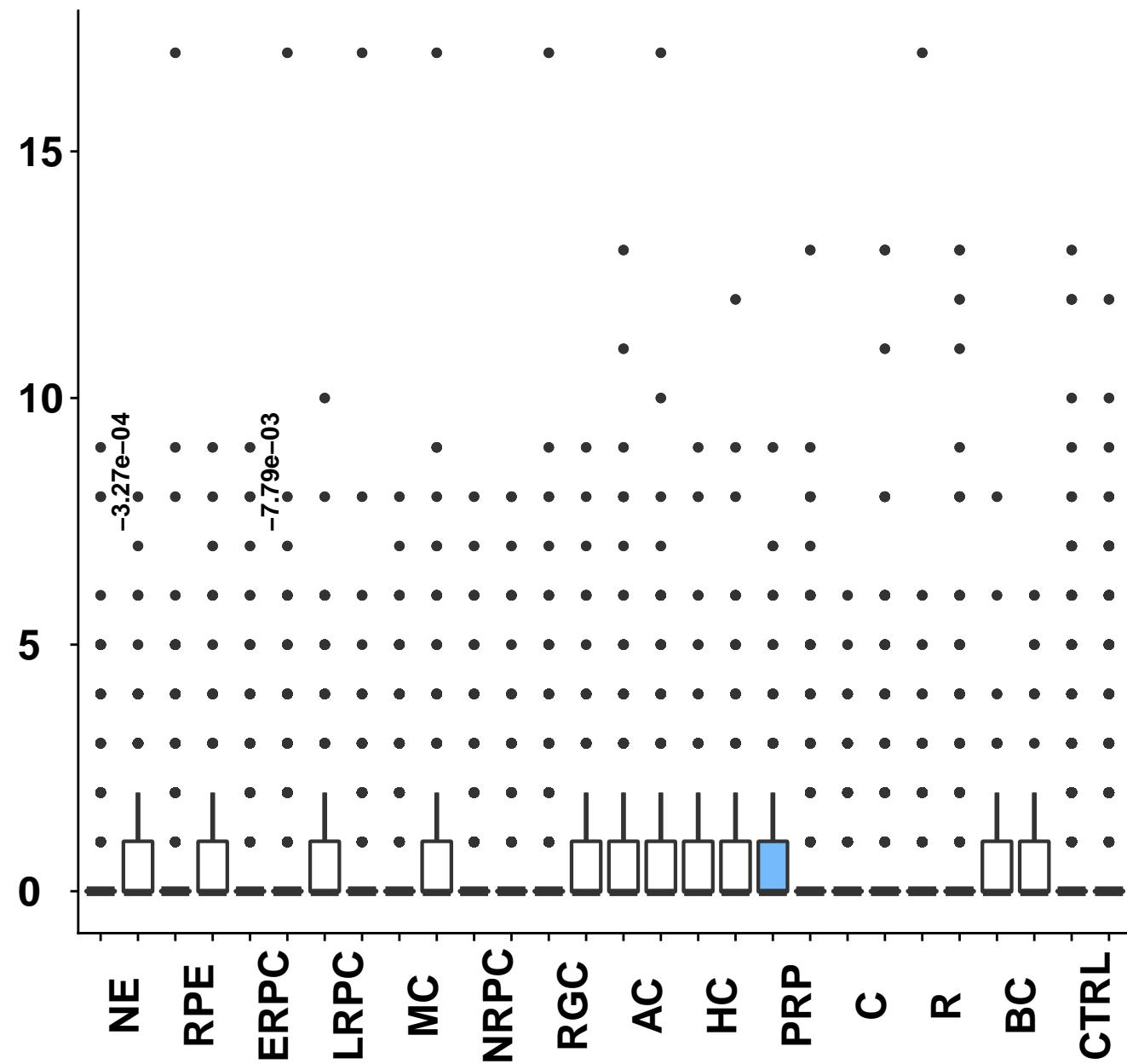
## Tcf4\_2\_total



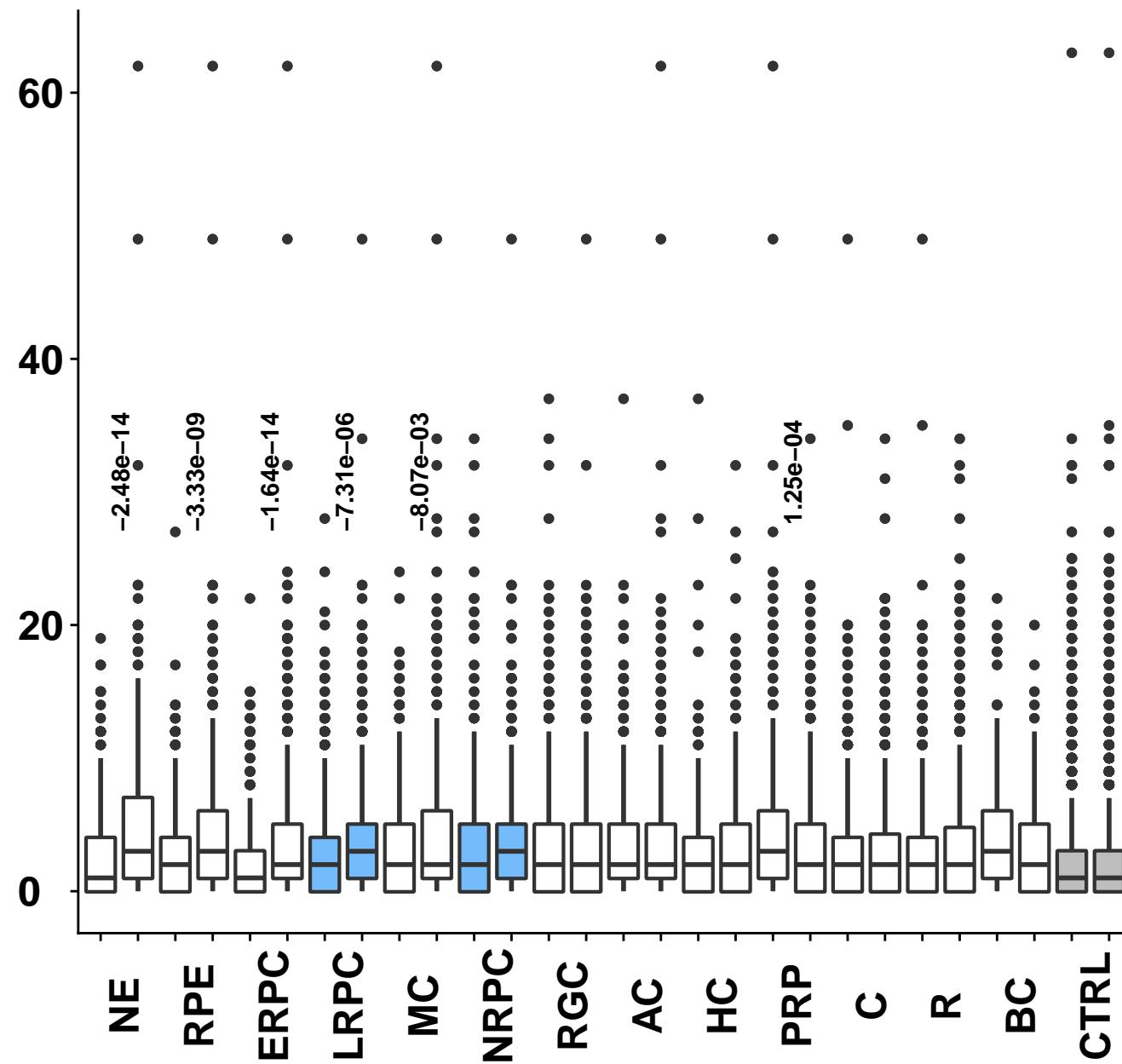
## Rax\_2\_total



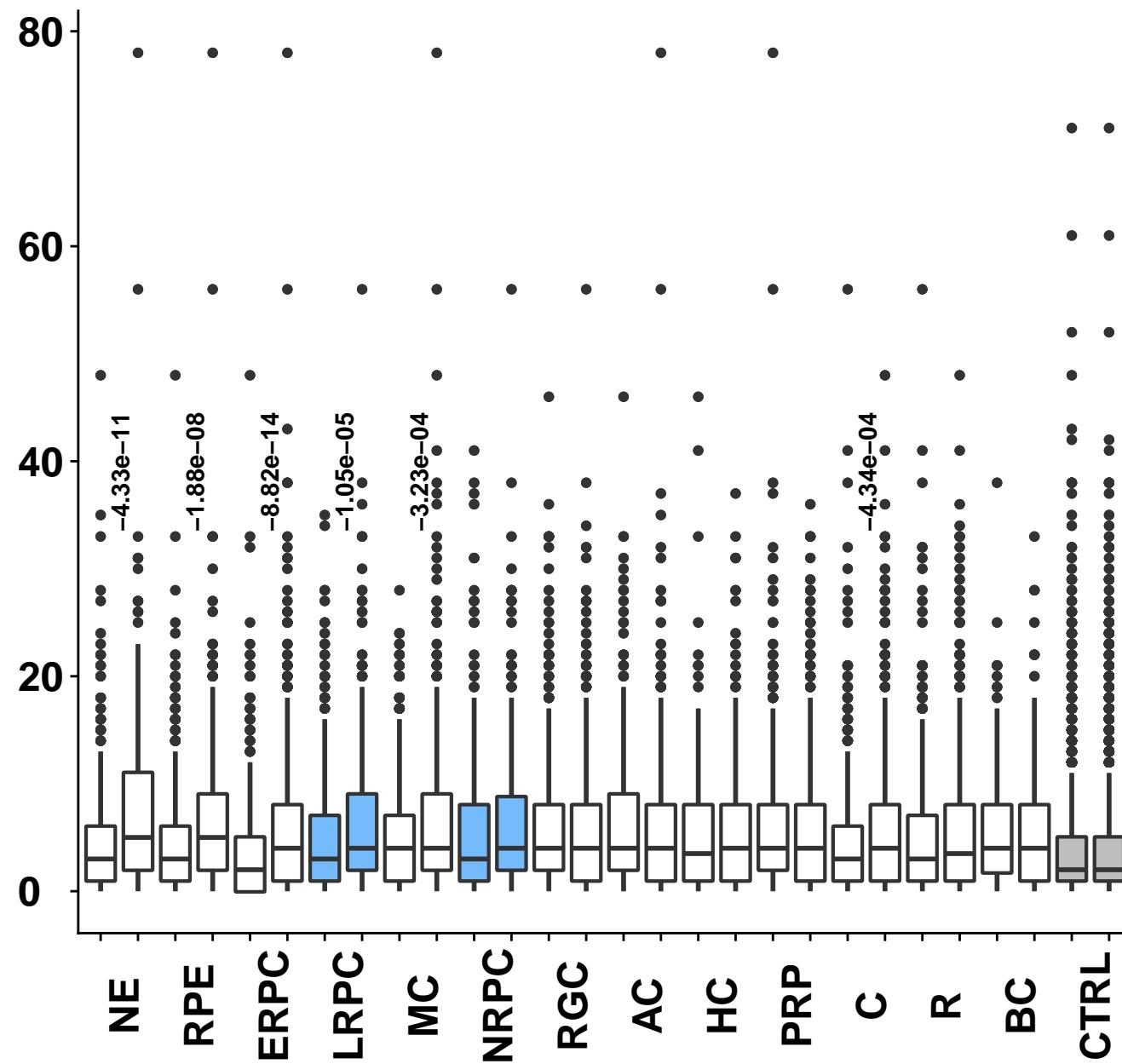
### Rax\_3\_total



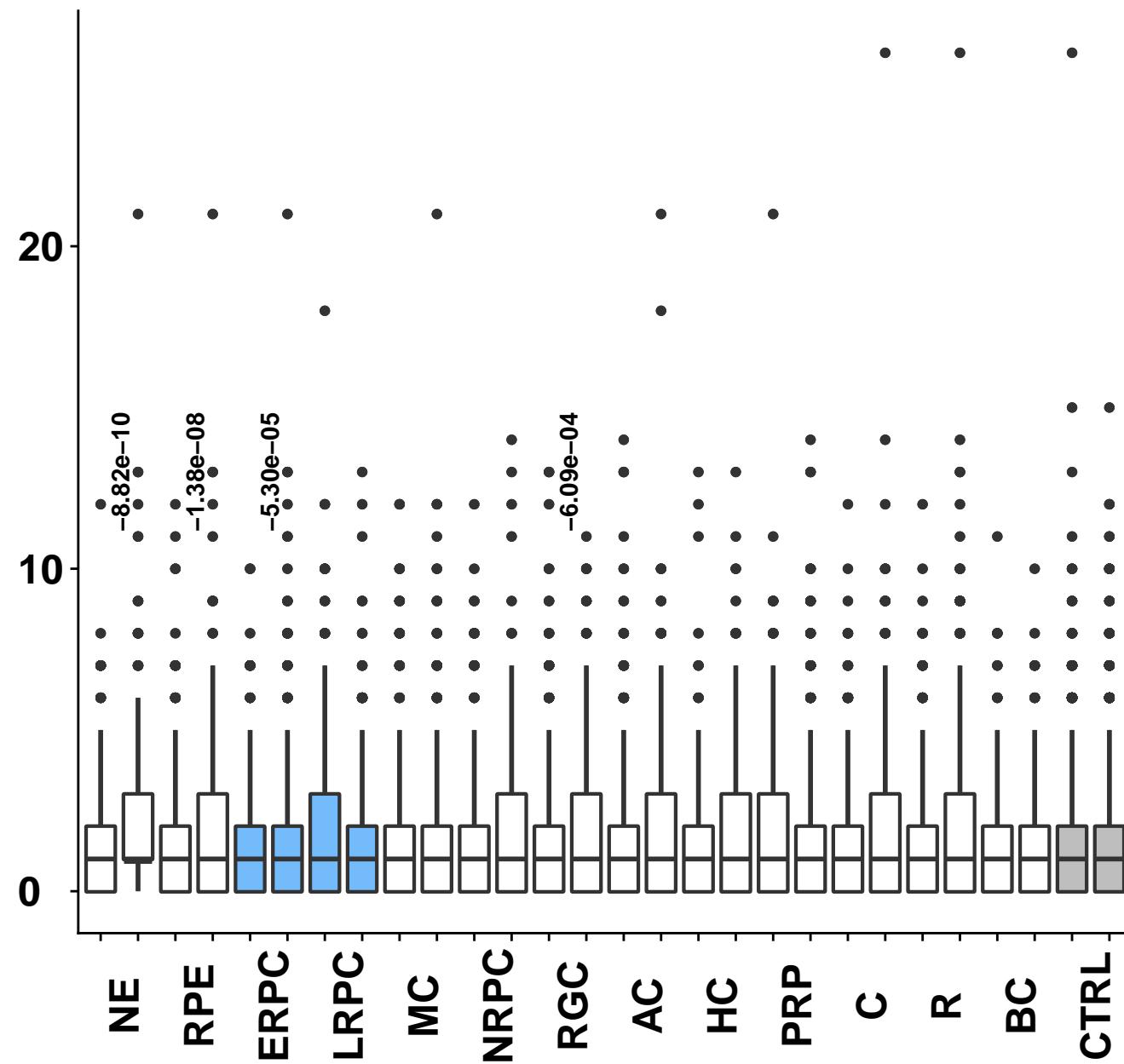
## Ascl1\_1\_total



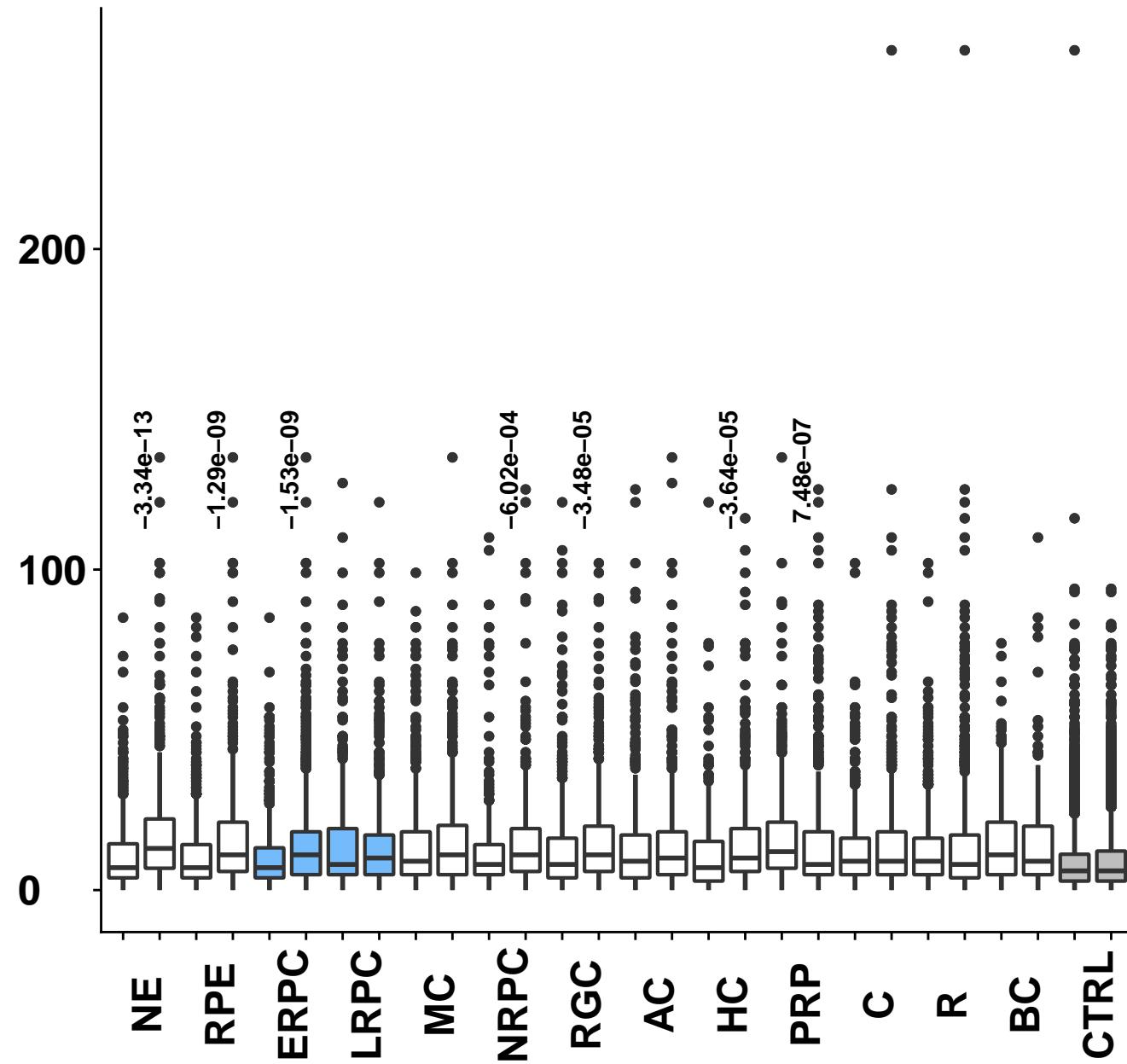
## Ascl1\_2\_total



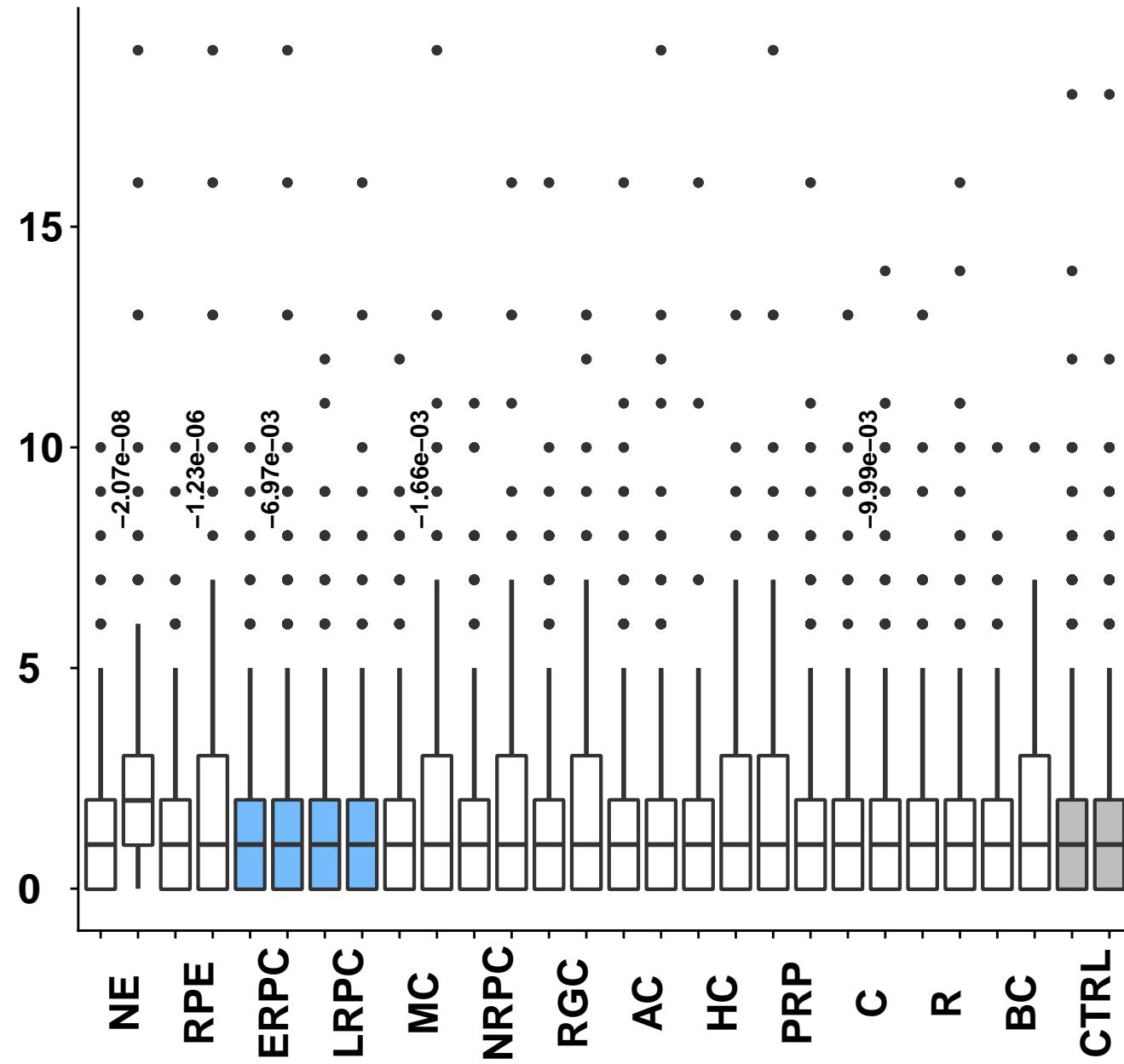
### Myb\_3\_total



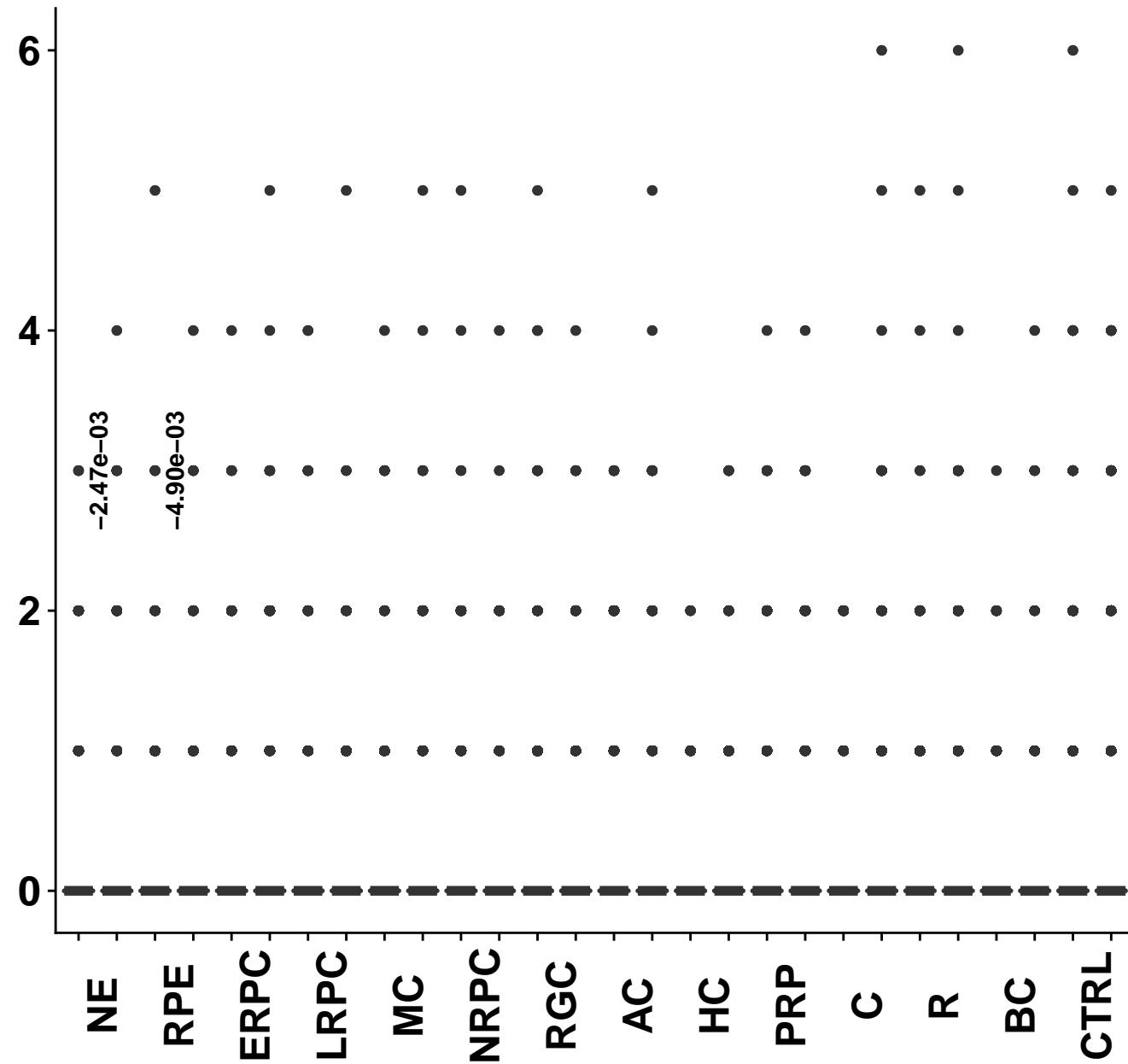
## Myb\_4\_total



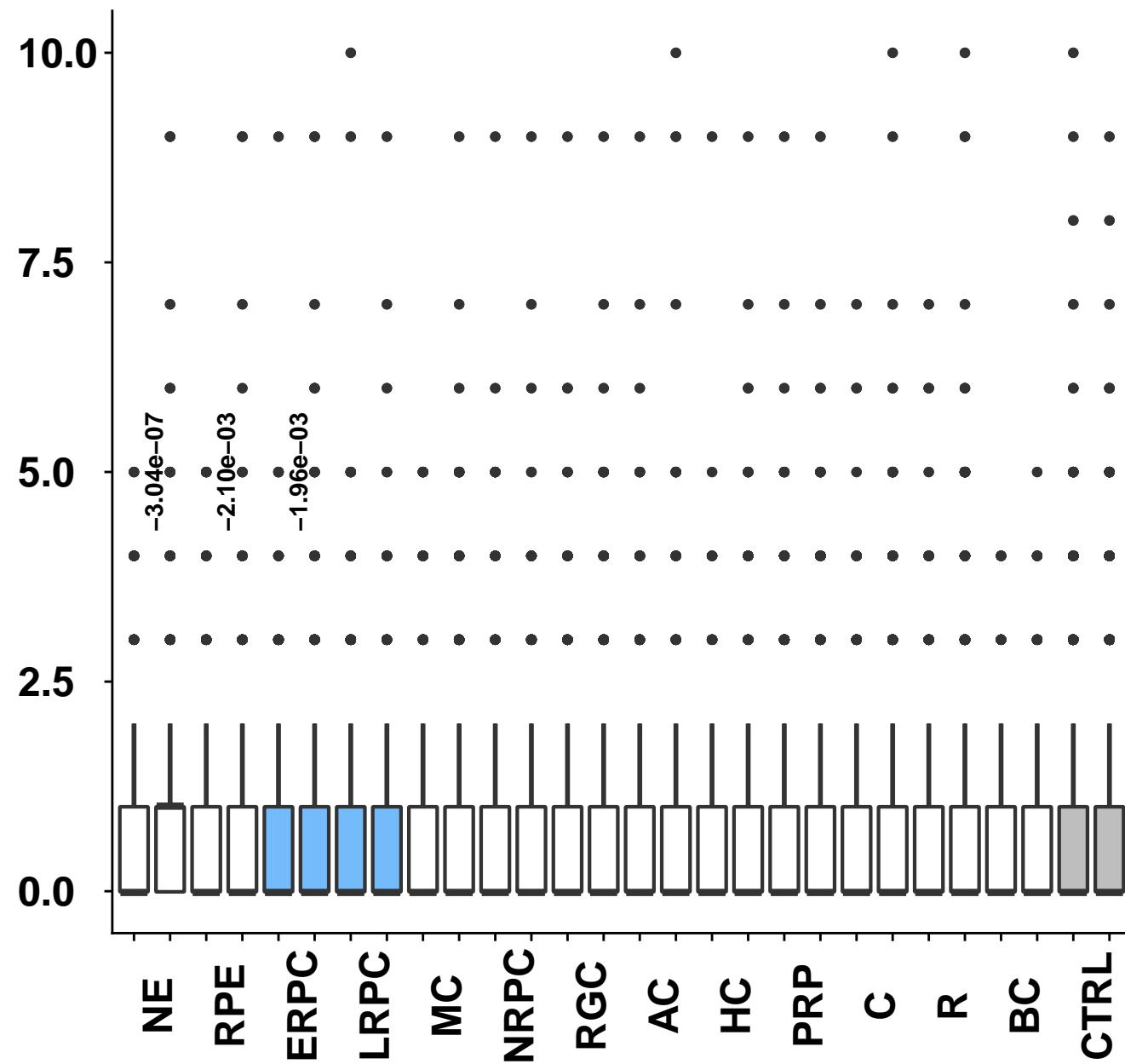
## Myb\_7\_total



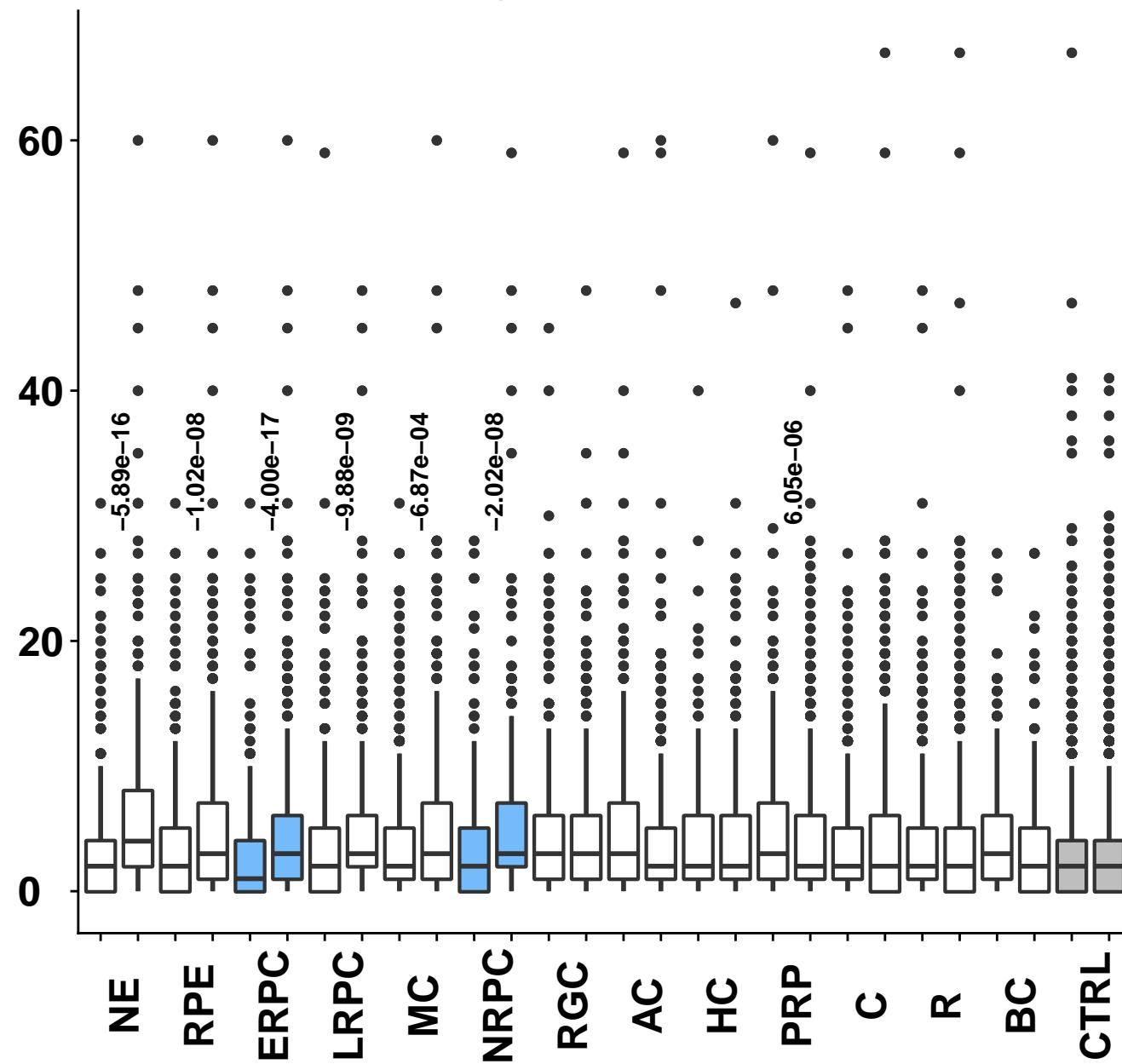
## Myb\_8\_total



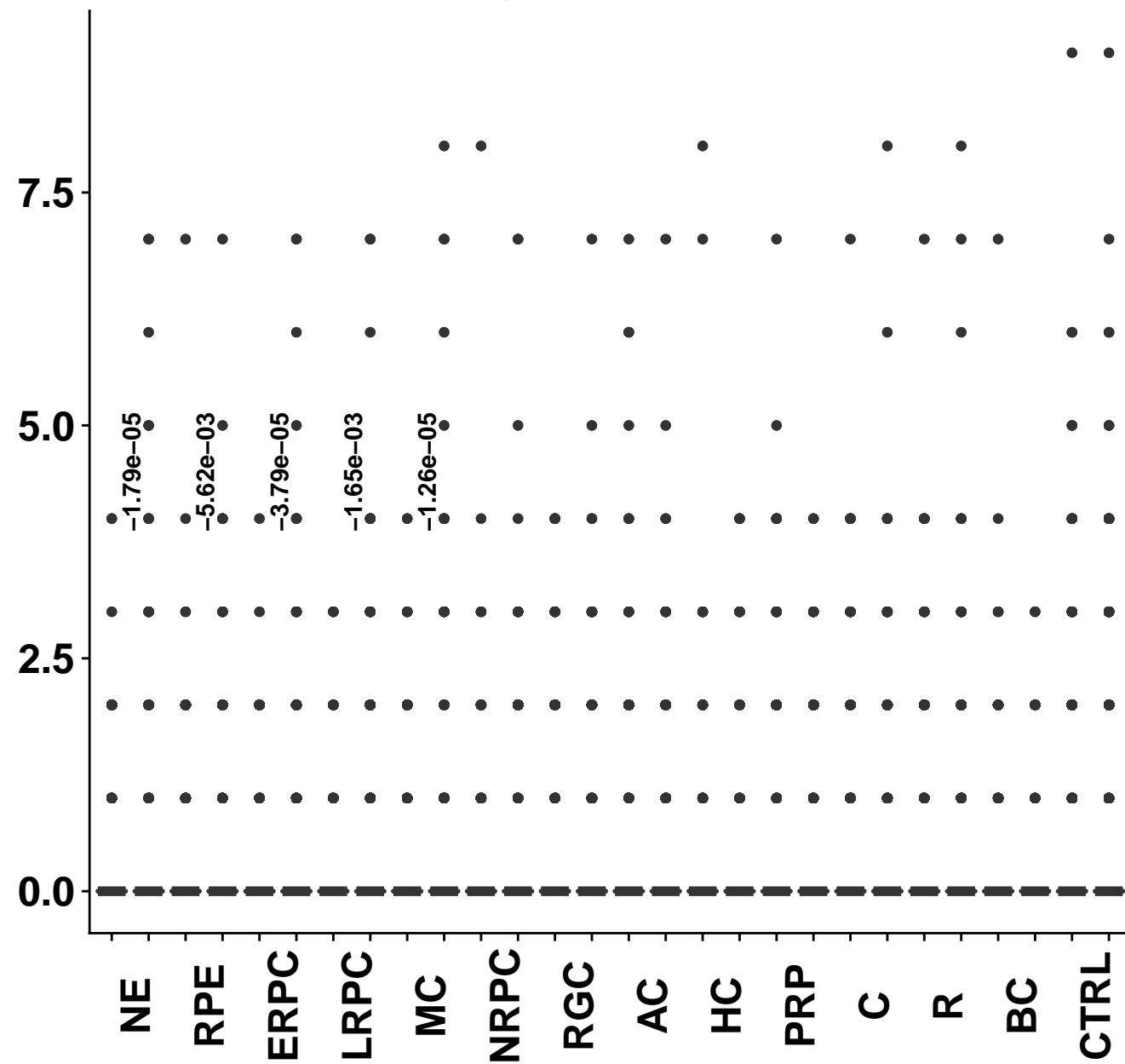
## Myb\_10\_total



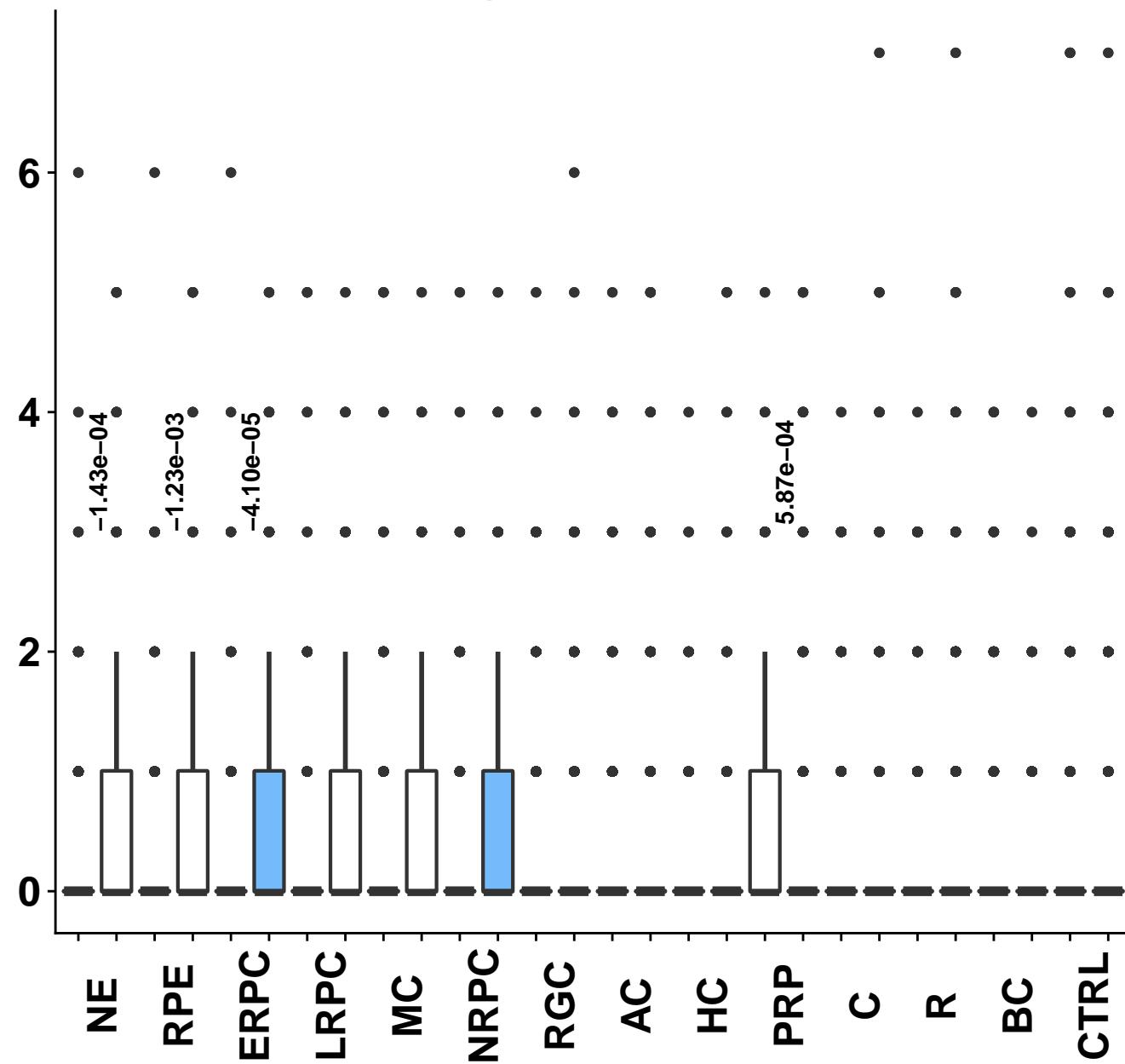
# Tgif2\_1\_total



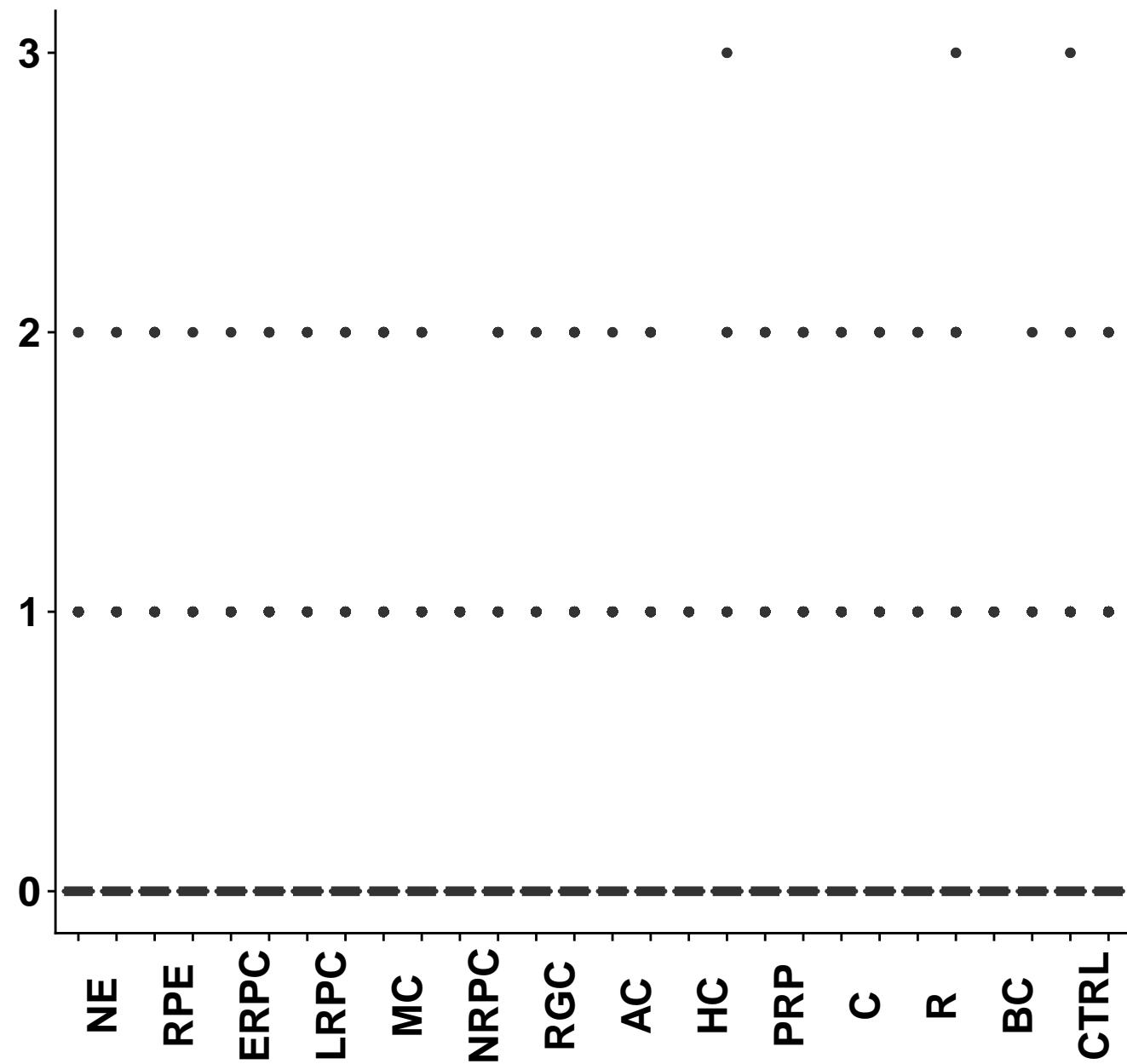
## Tgif2\_2\_total



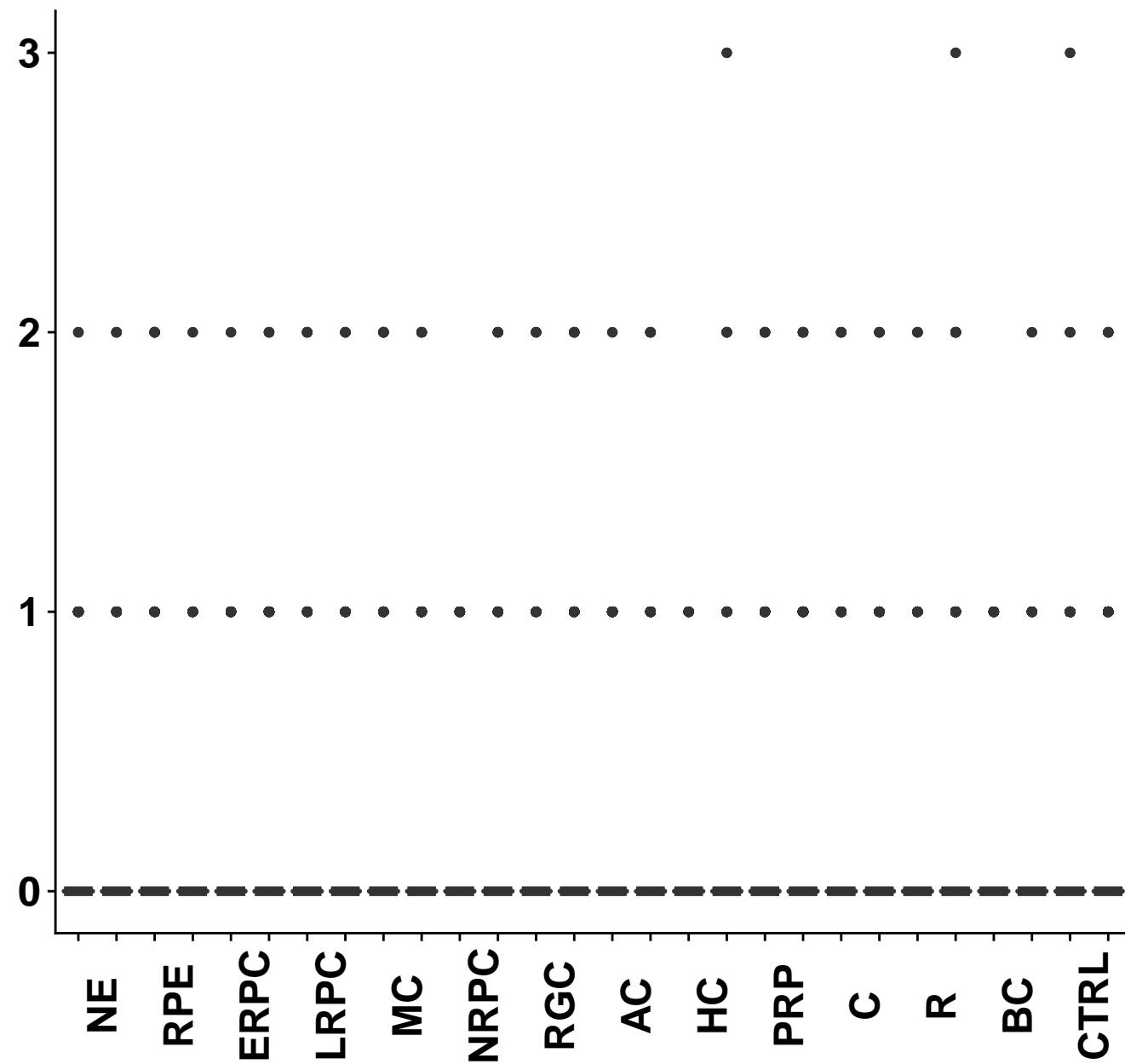
## Tgif2\_3\_total



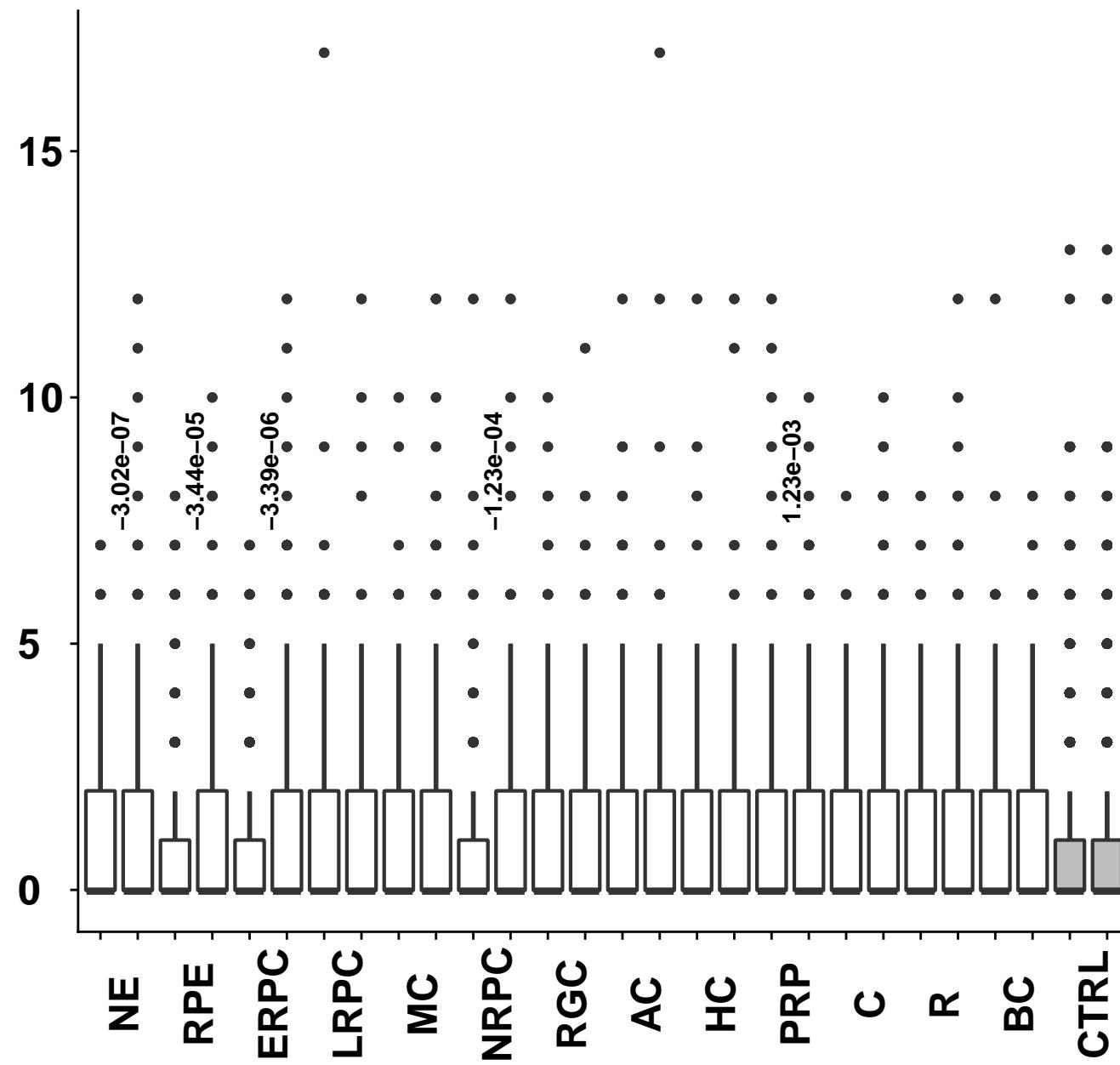
## Six3\_1\_total



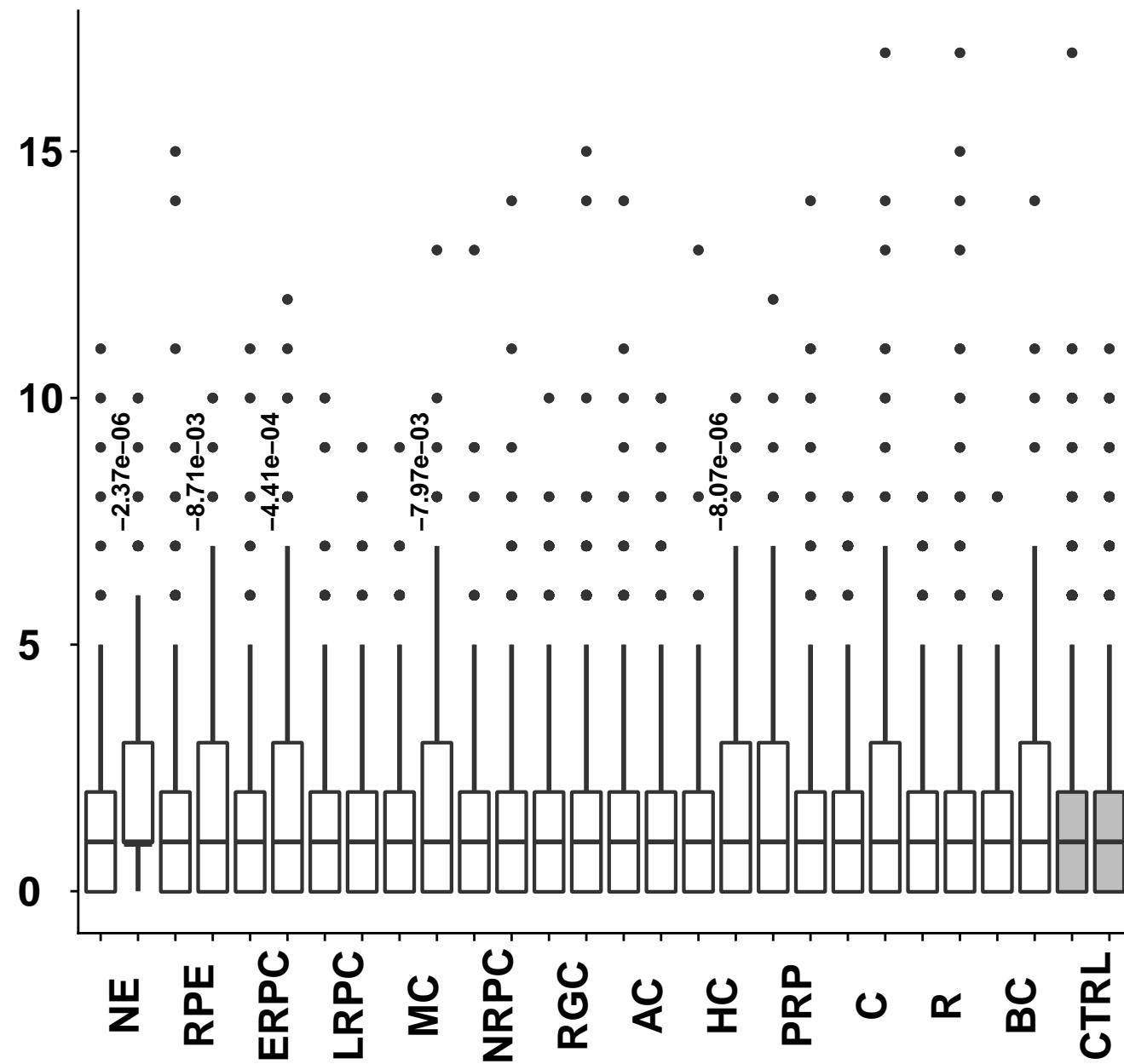
## Six3\_2\_total



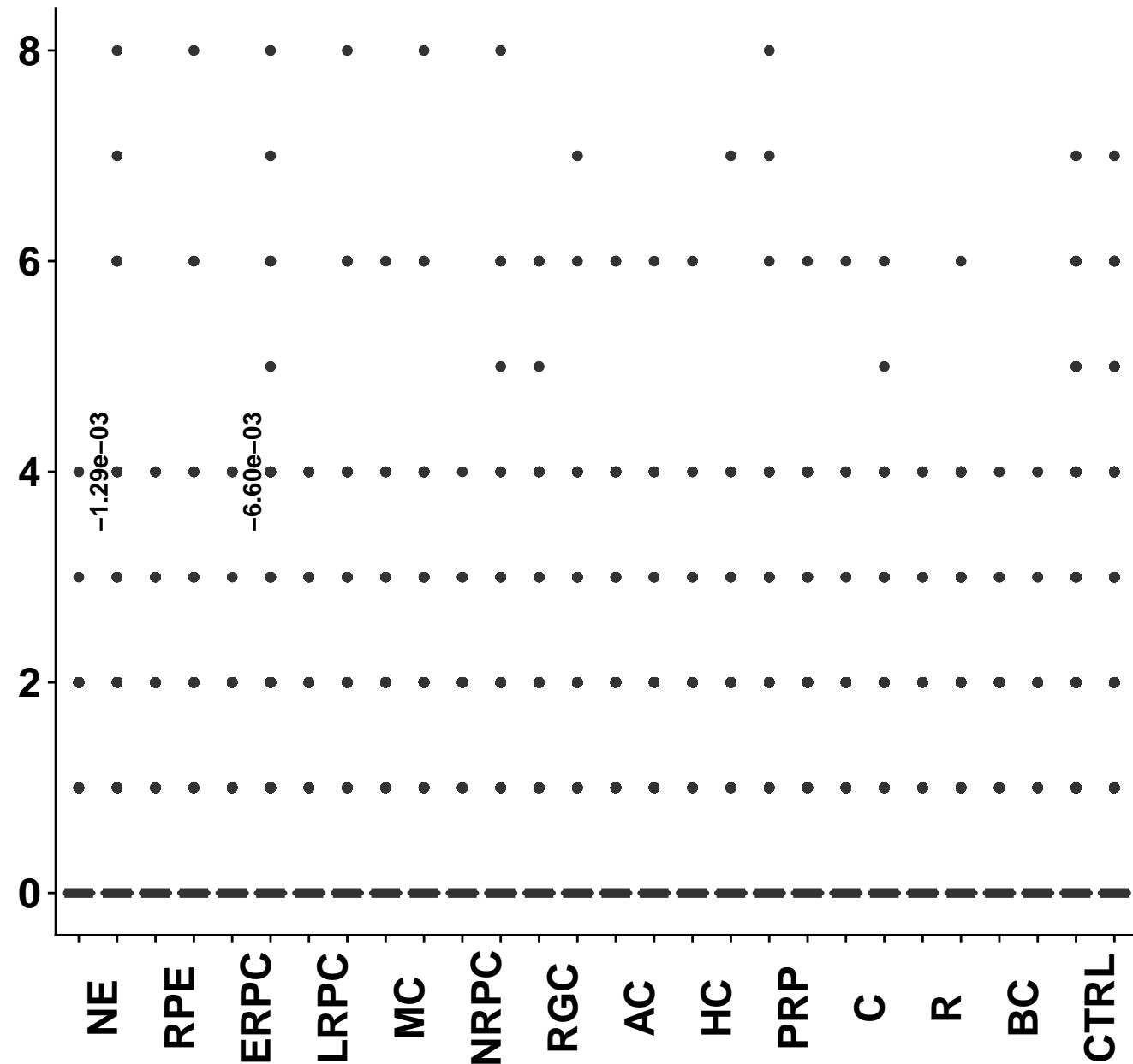
## Atf1\_1\_total



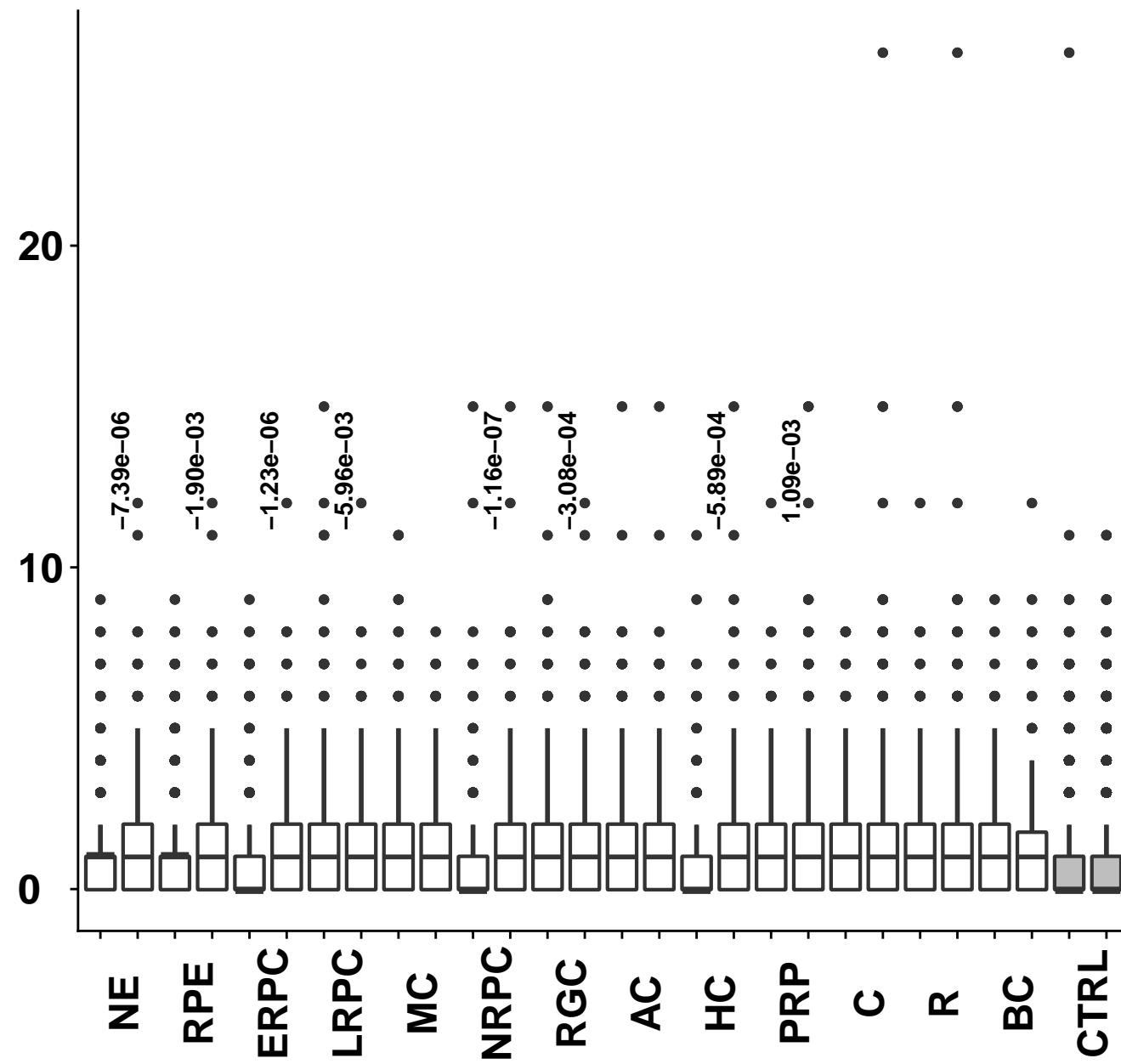
## Atf1\_2\_total



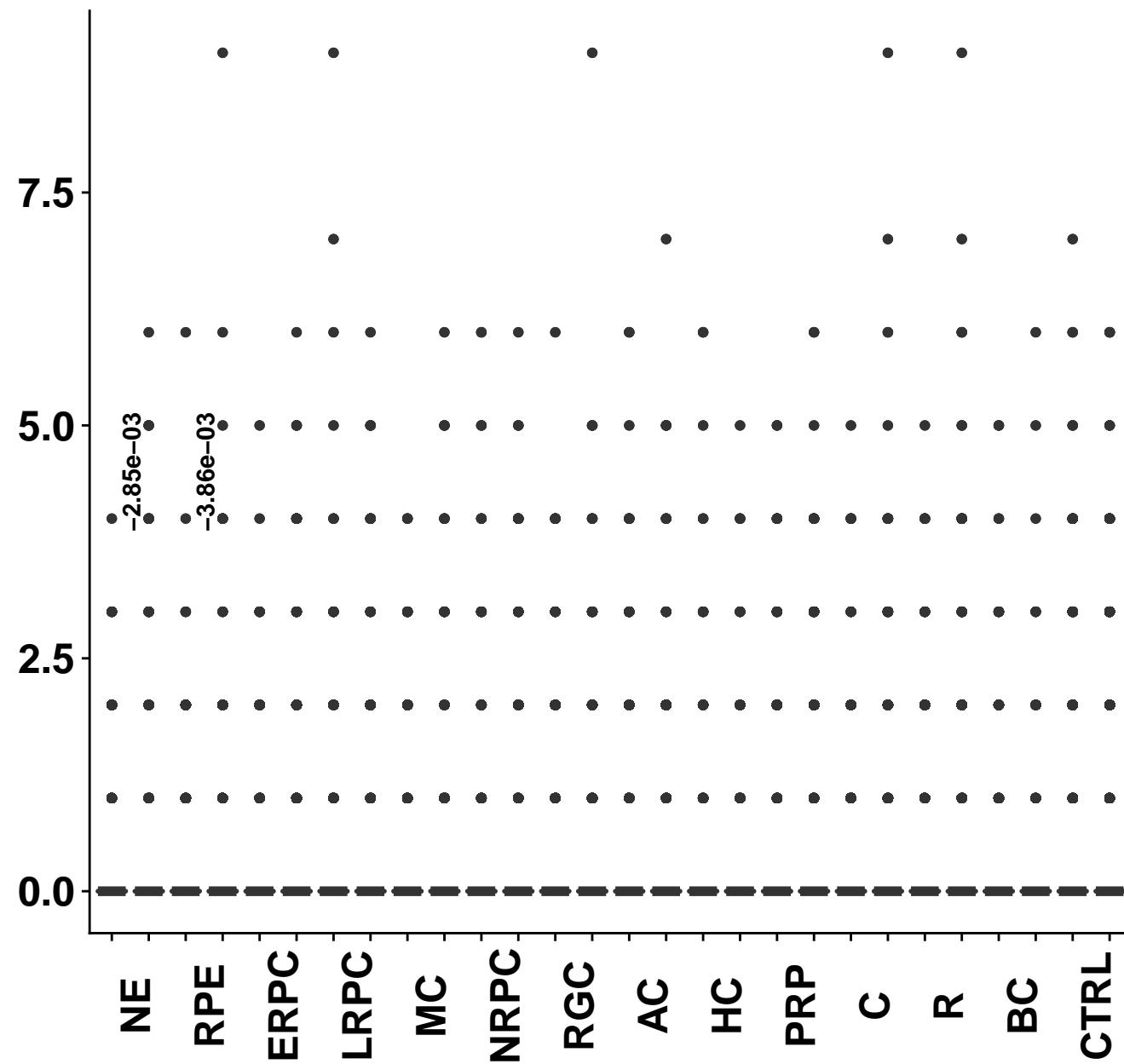
### Atf1\_3\_total



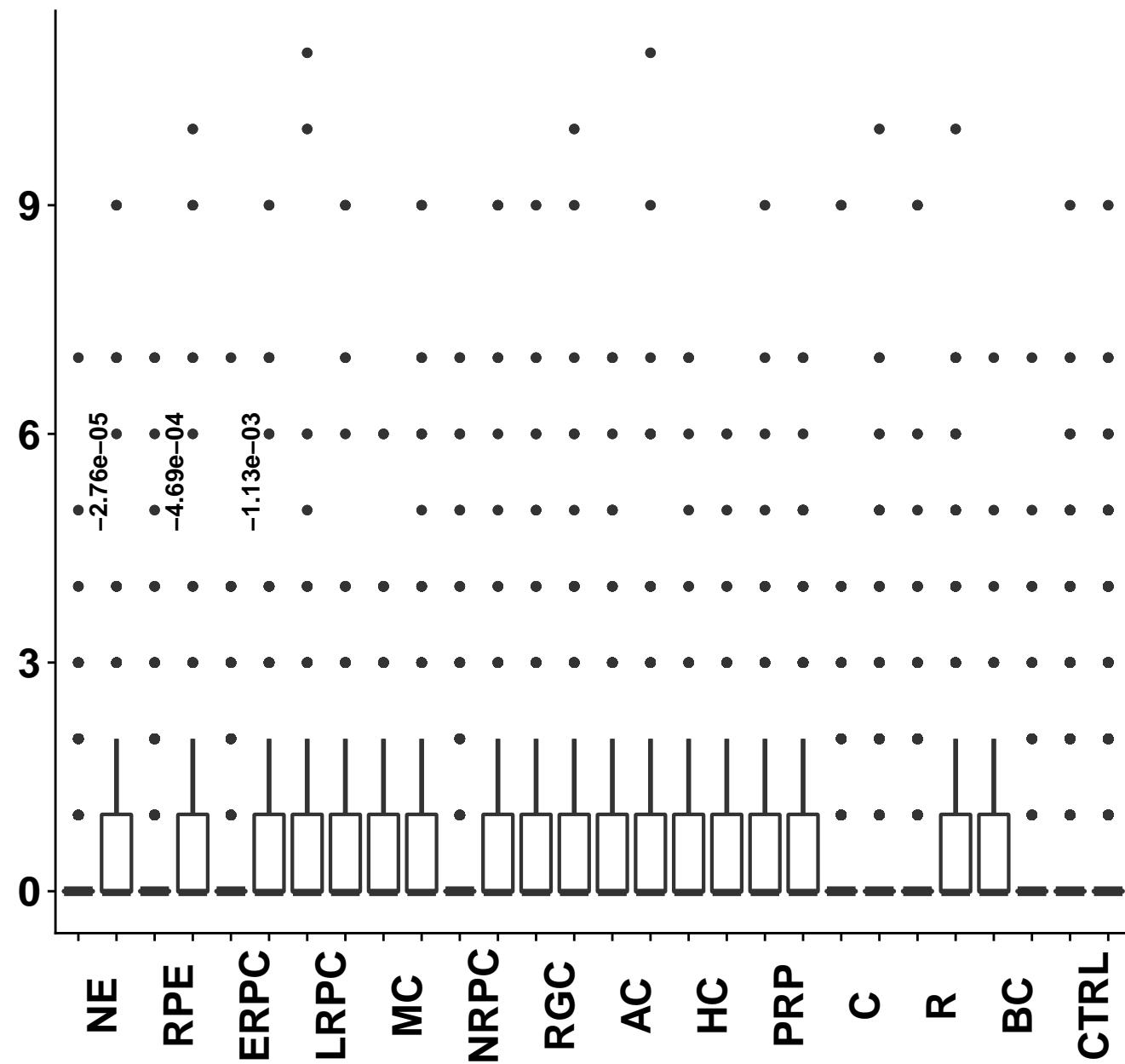
## Atf1\_4\_total



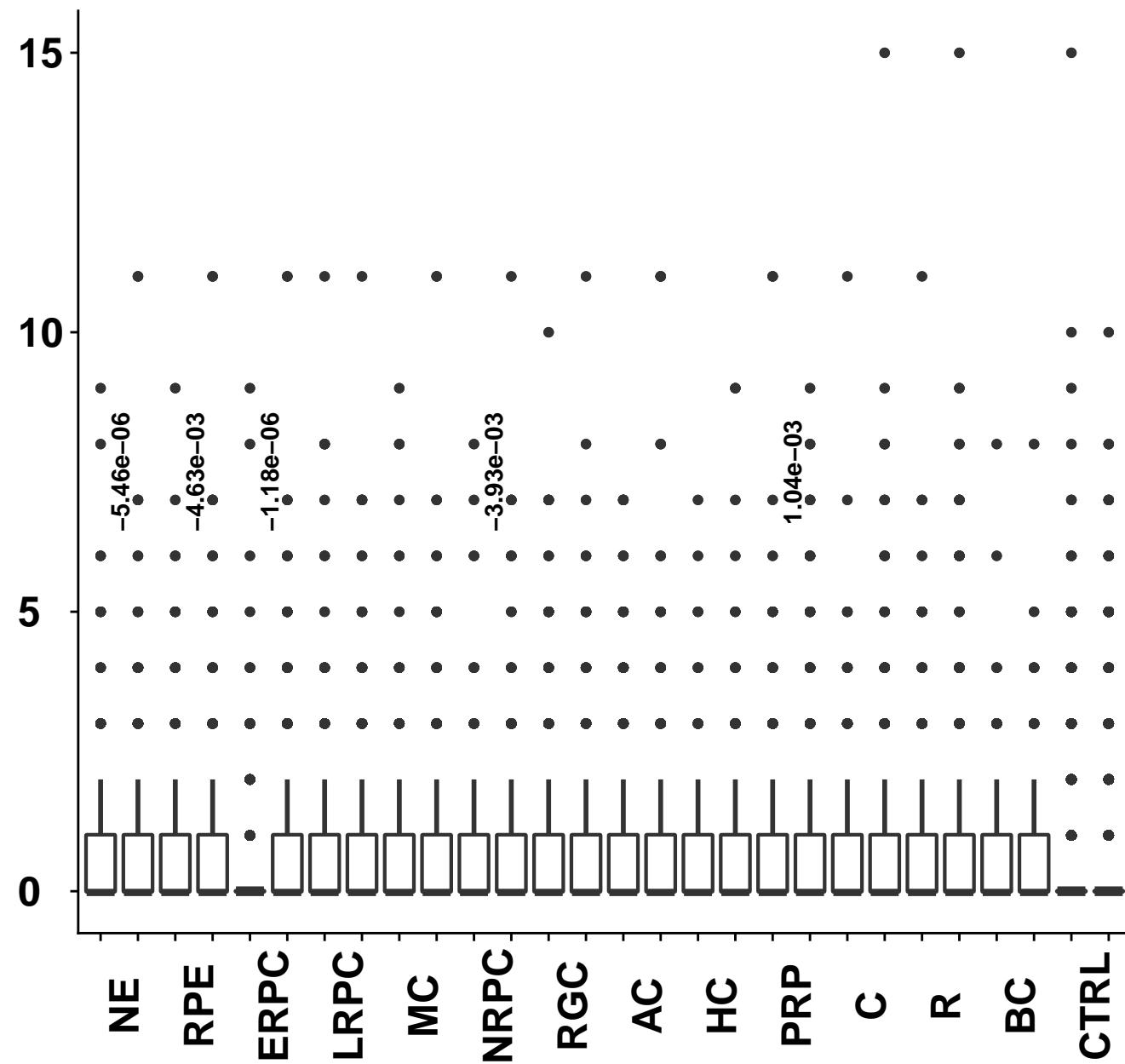
## Cux1\_1\_total



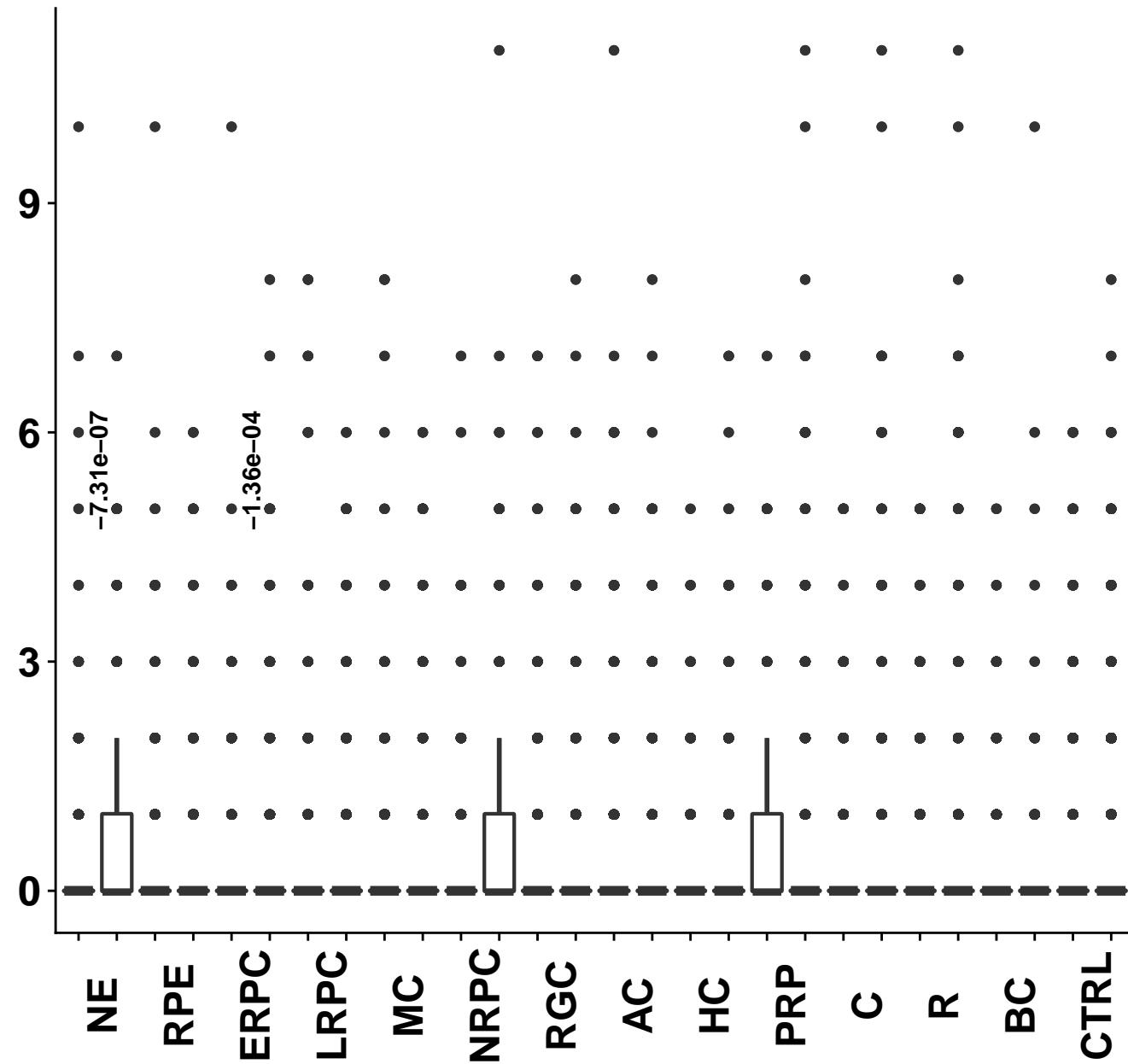
## Cux1\_2\_total



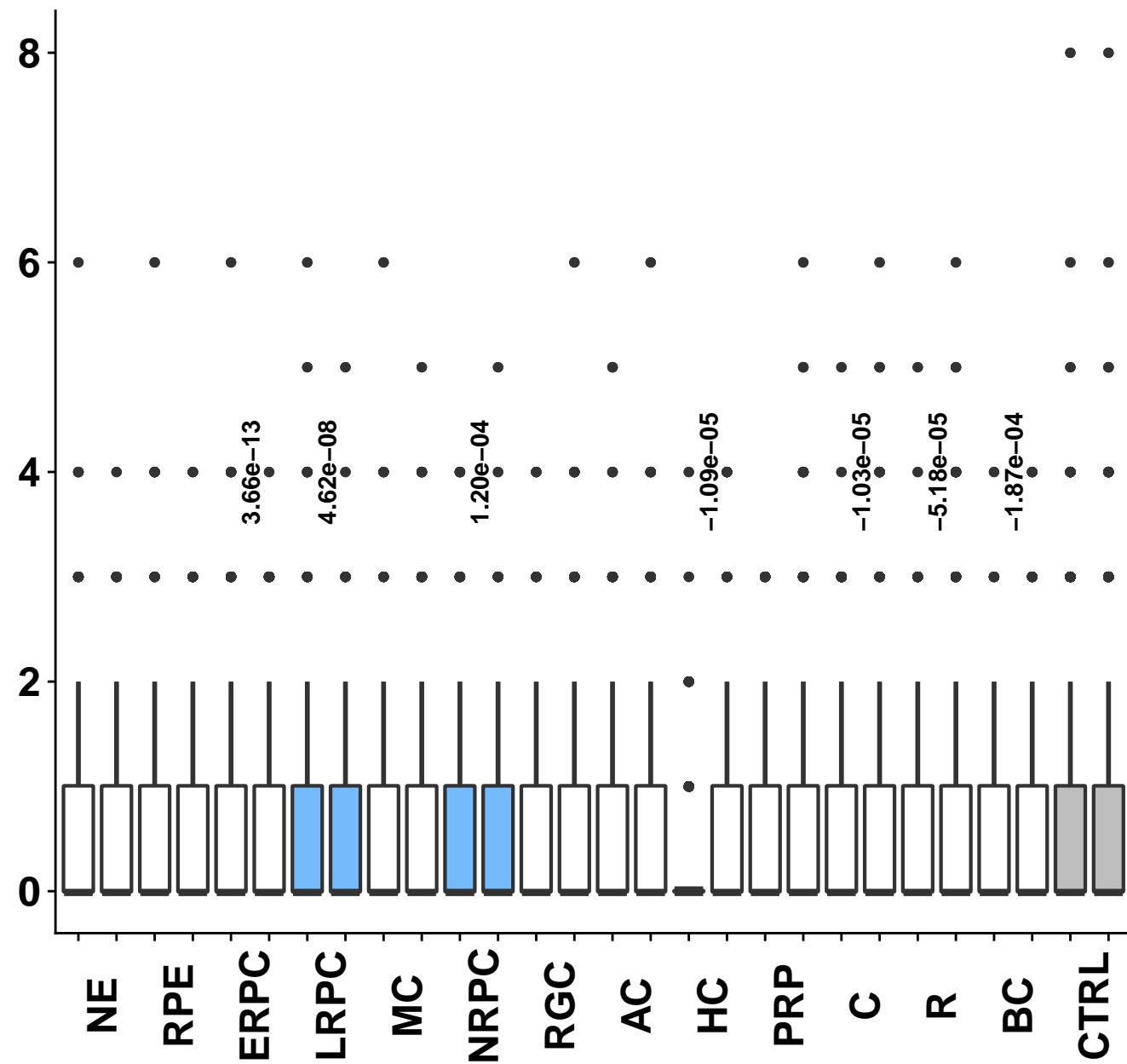
## Cux1\_3\_total



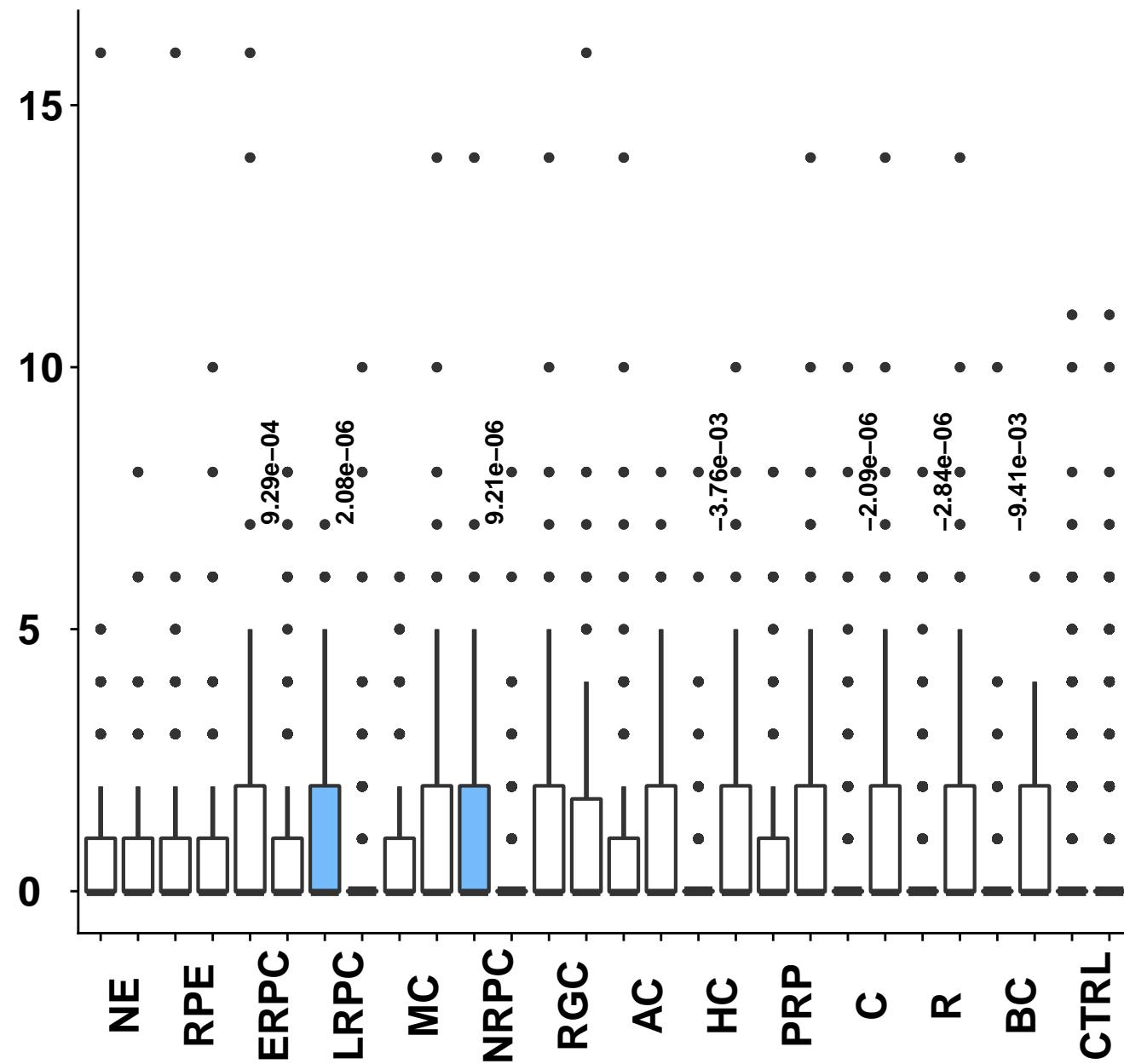
## Cux1\_4\_total



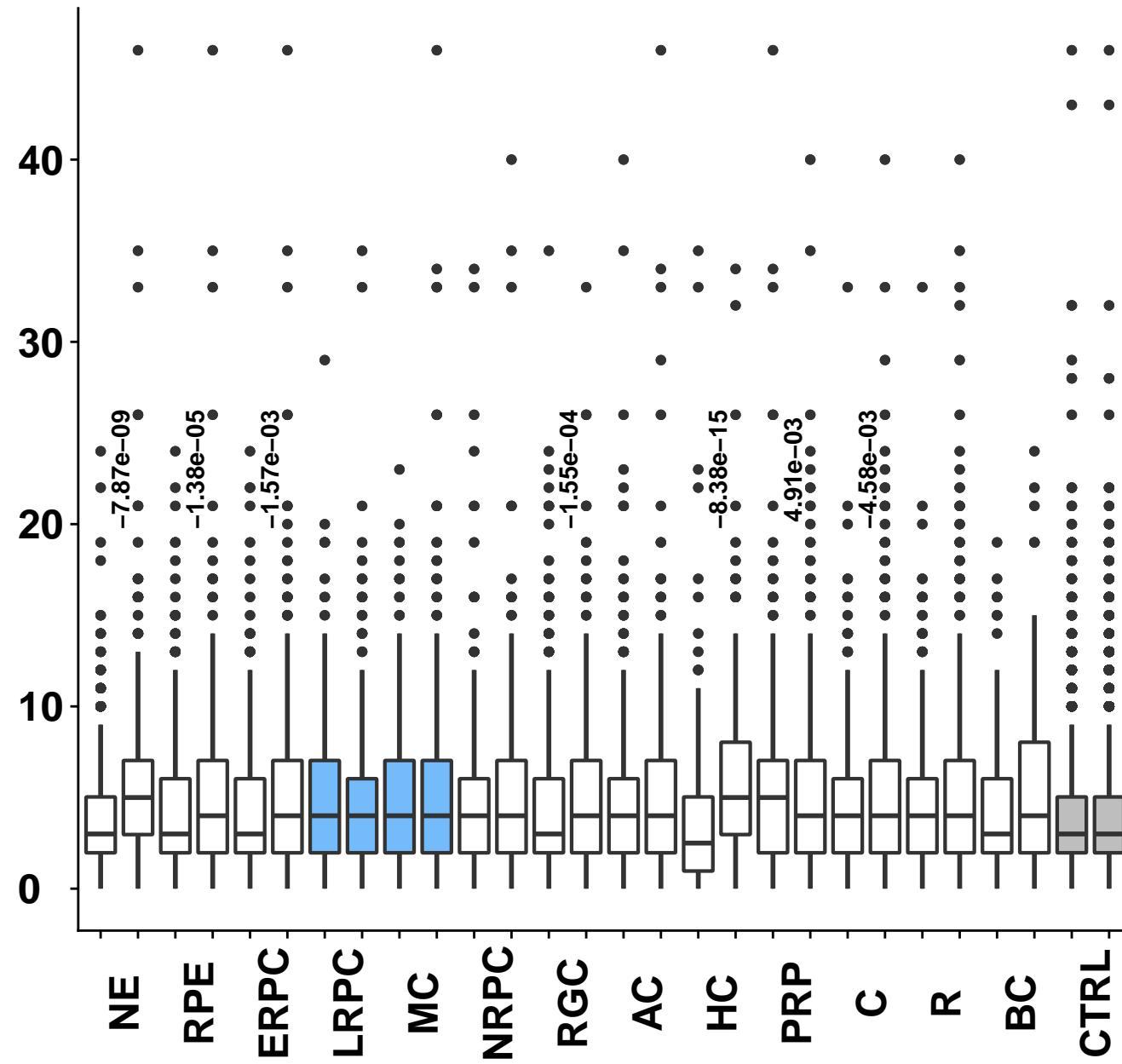
## E2f1\_1\_total



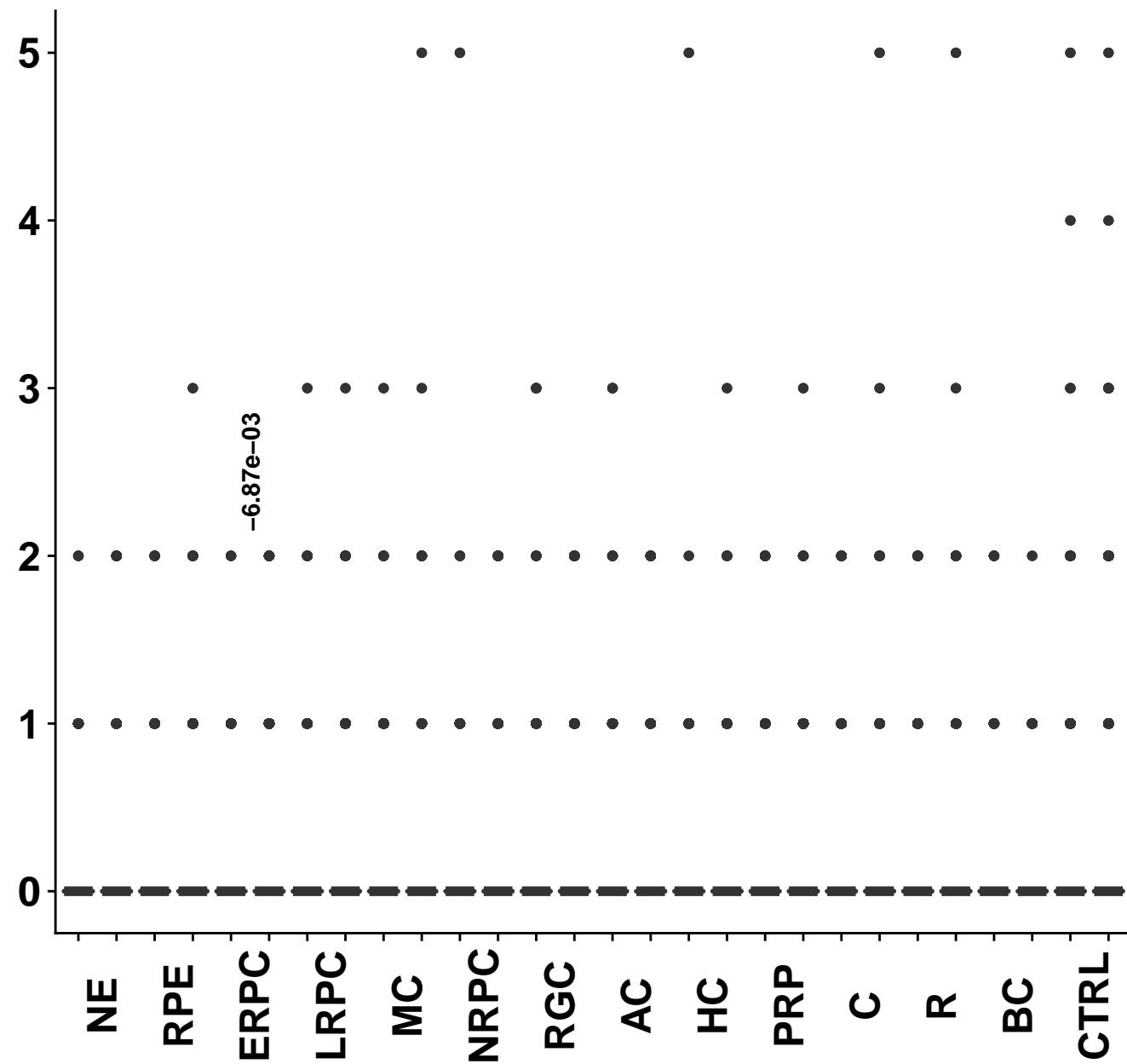
## E2f1\_2\_total



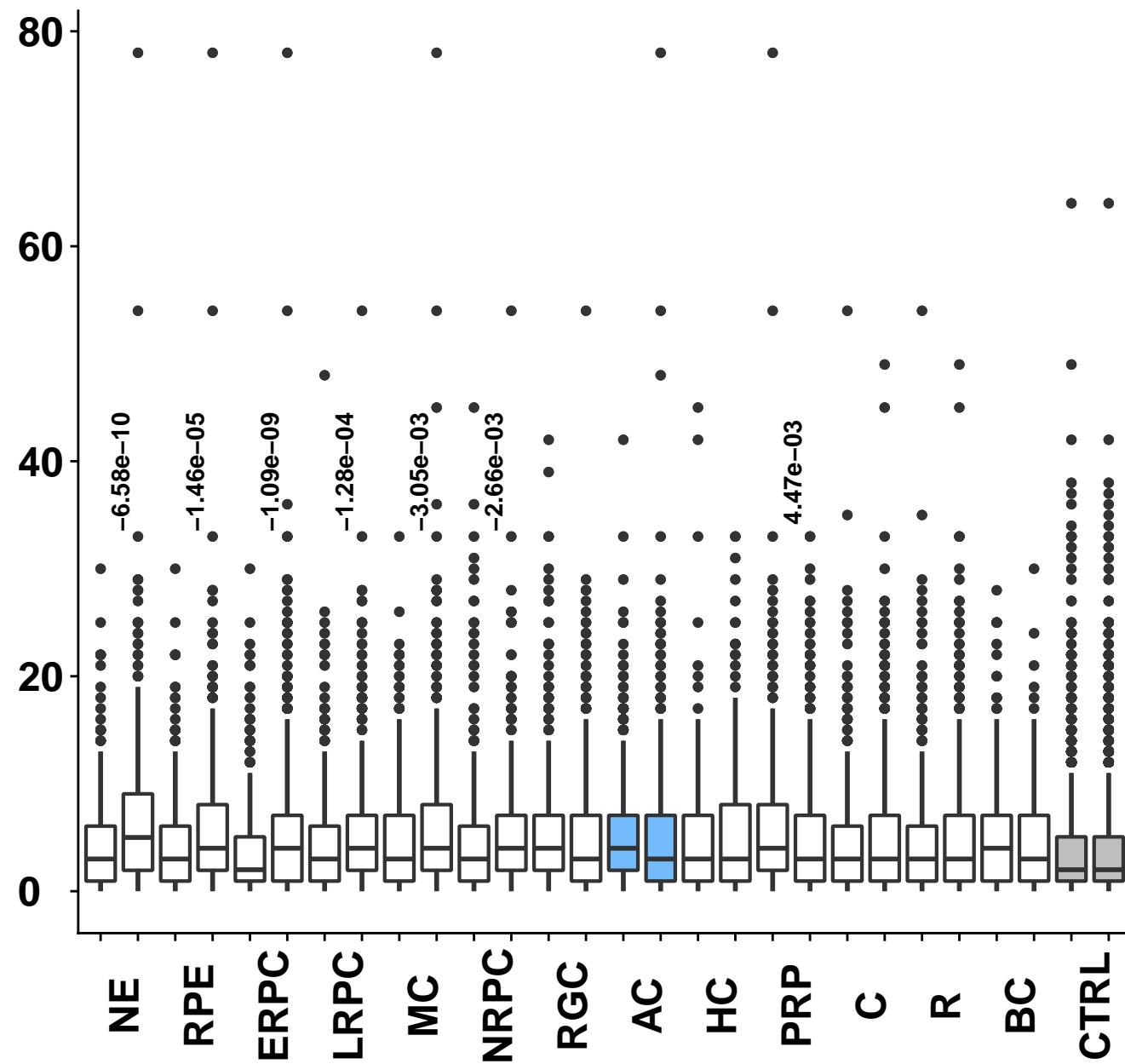
# Etv5\_1\_total



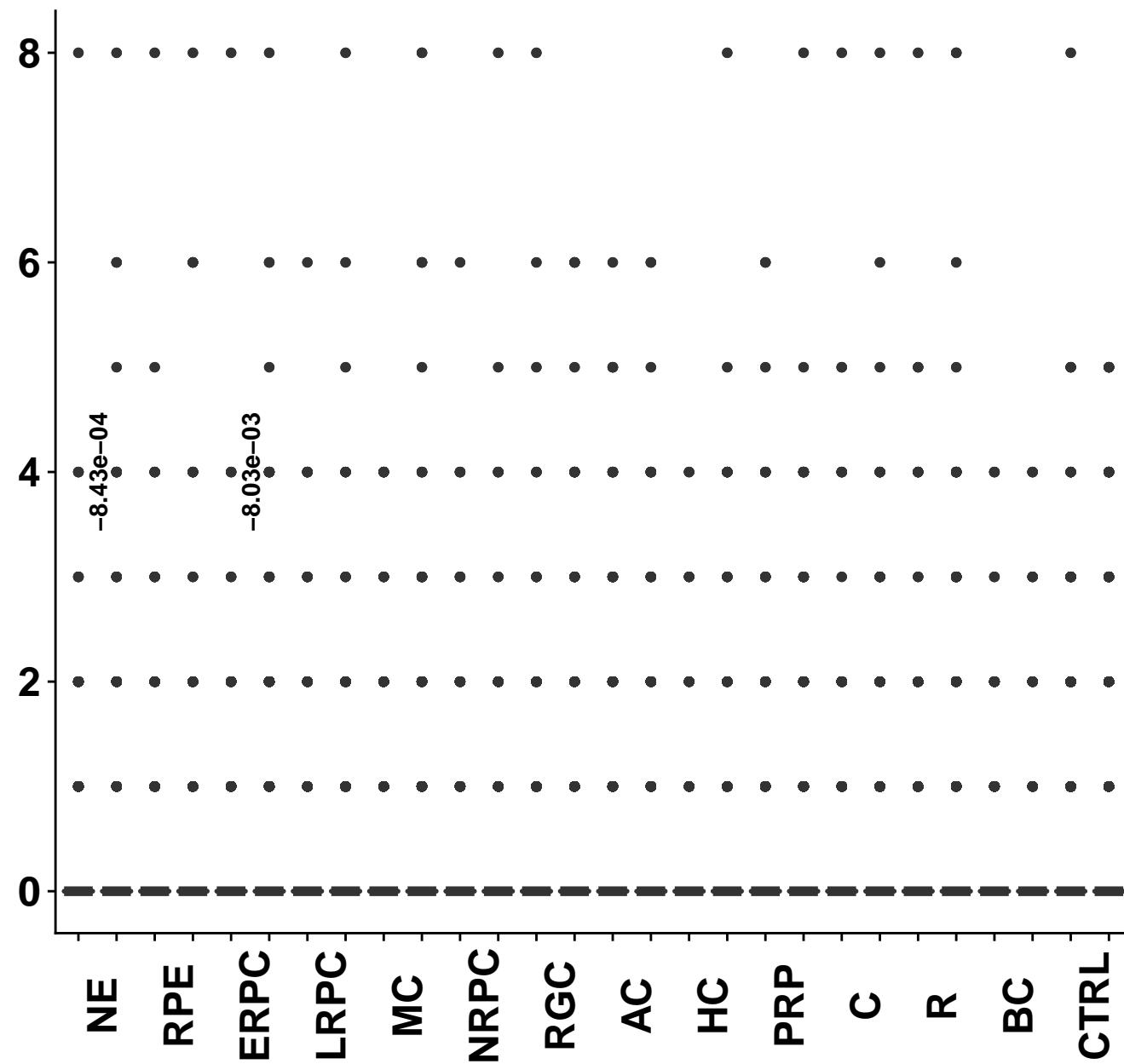
## Gli3\_1\_total



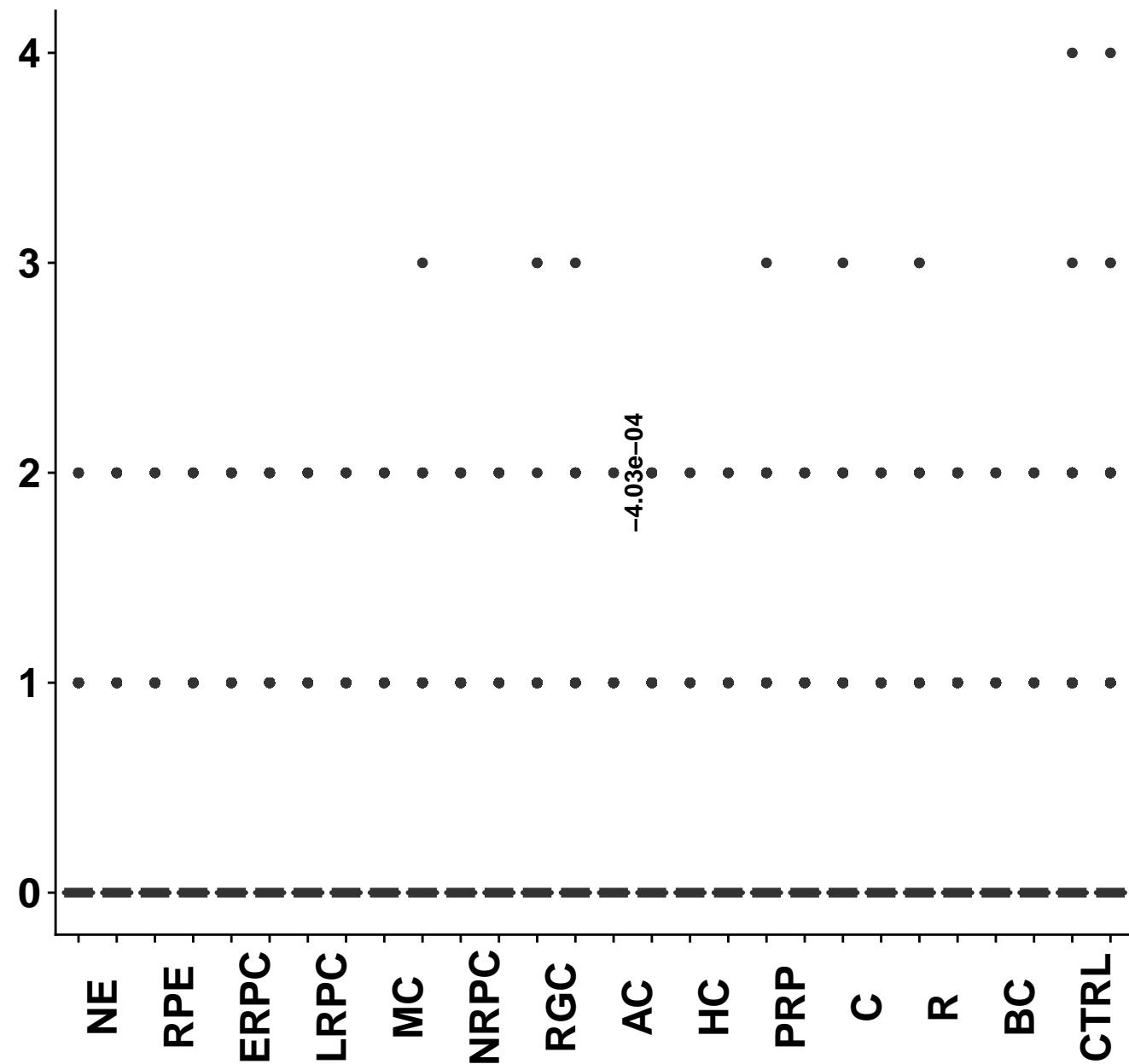
## Id4\_1\_total

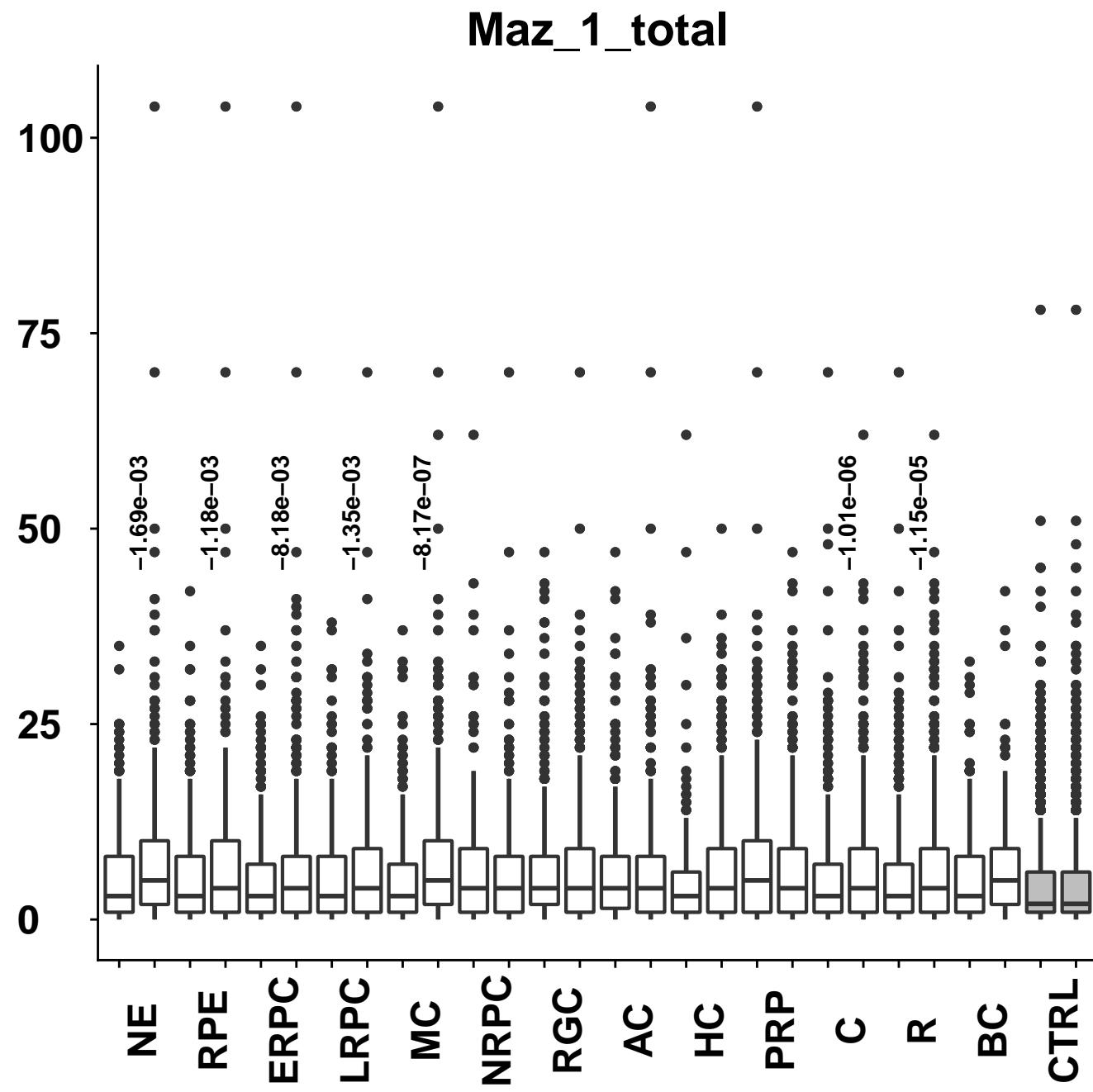


## **Irx5\_1\_total**

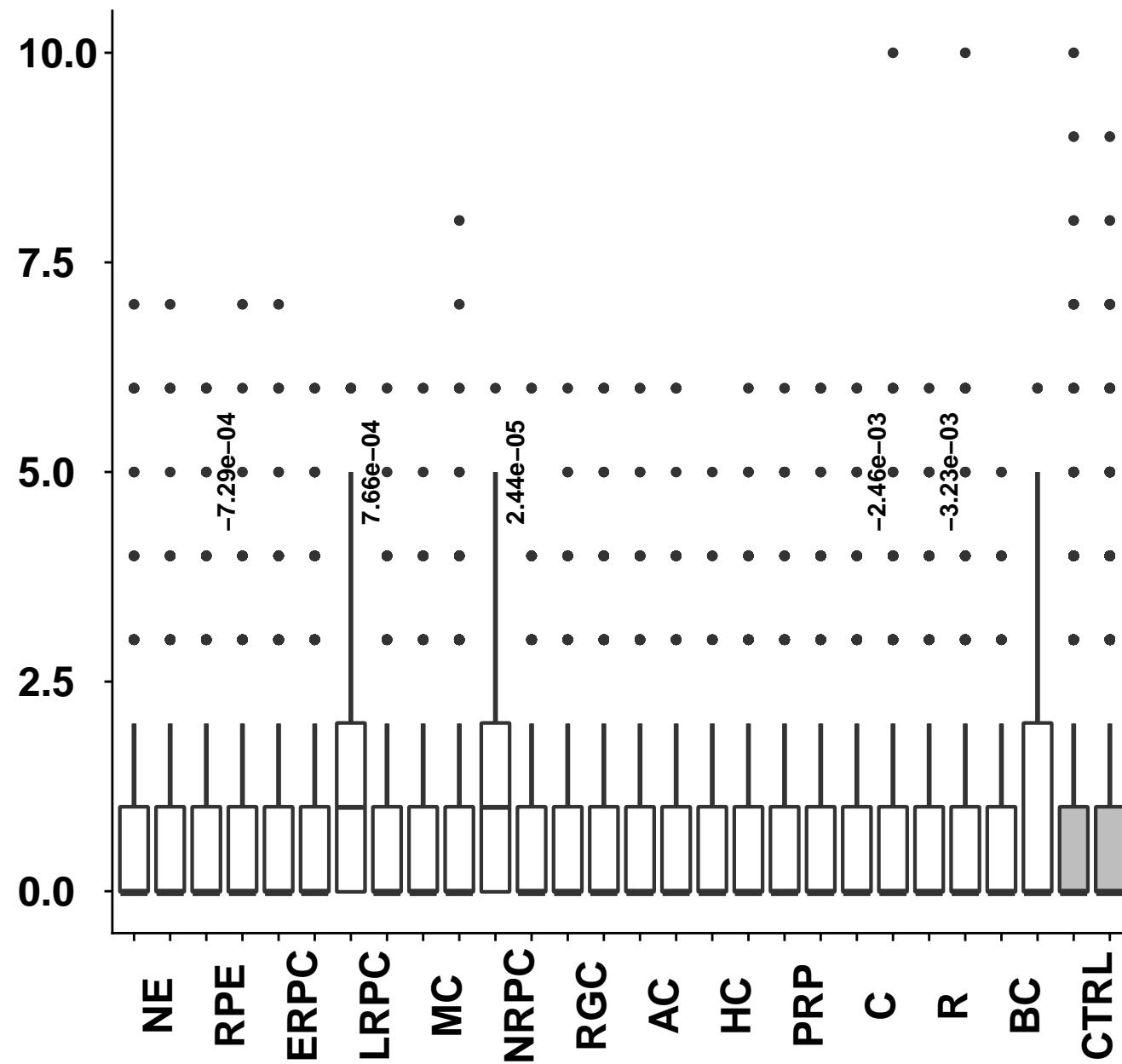


## Klf13\_1\_total

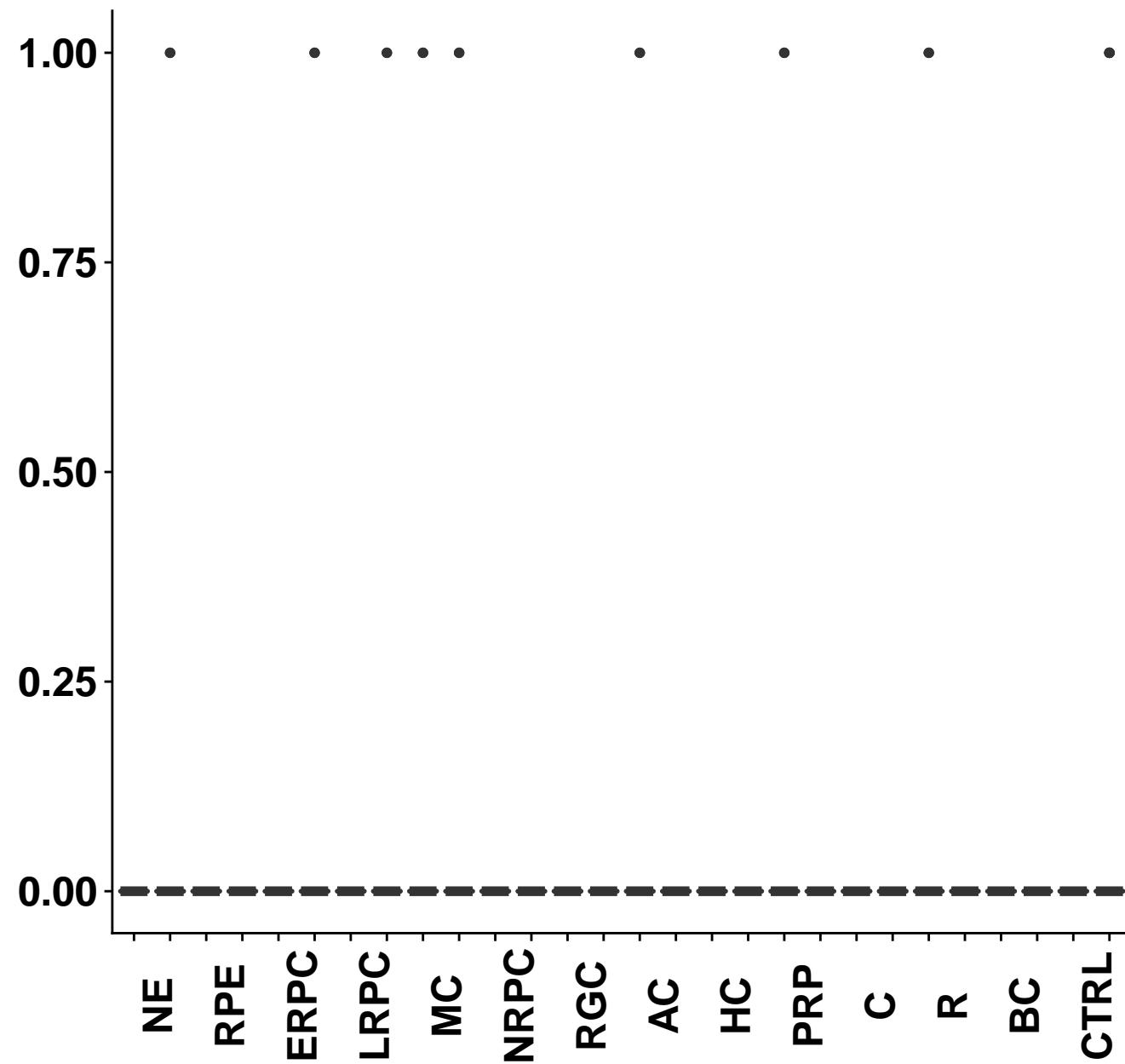




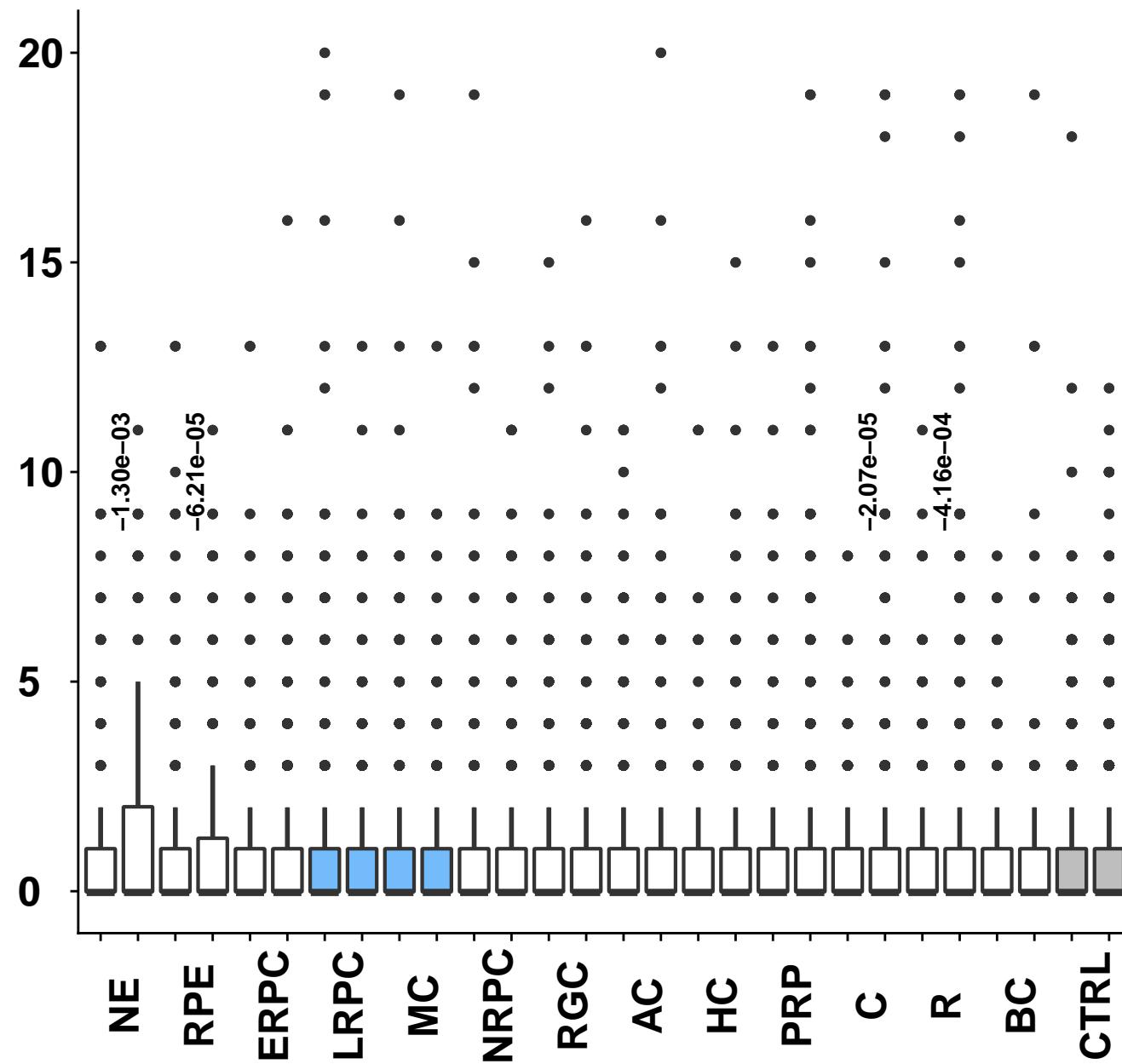
## Nfyb\_1\_total



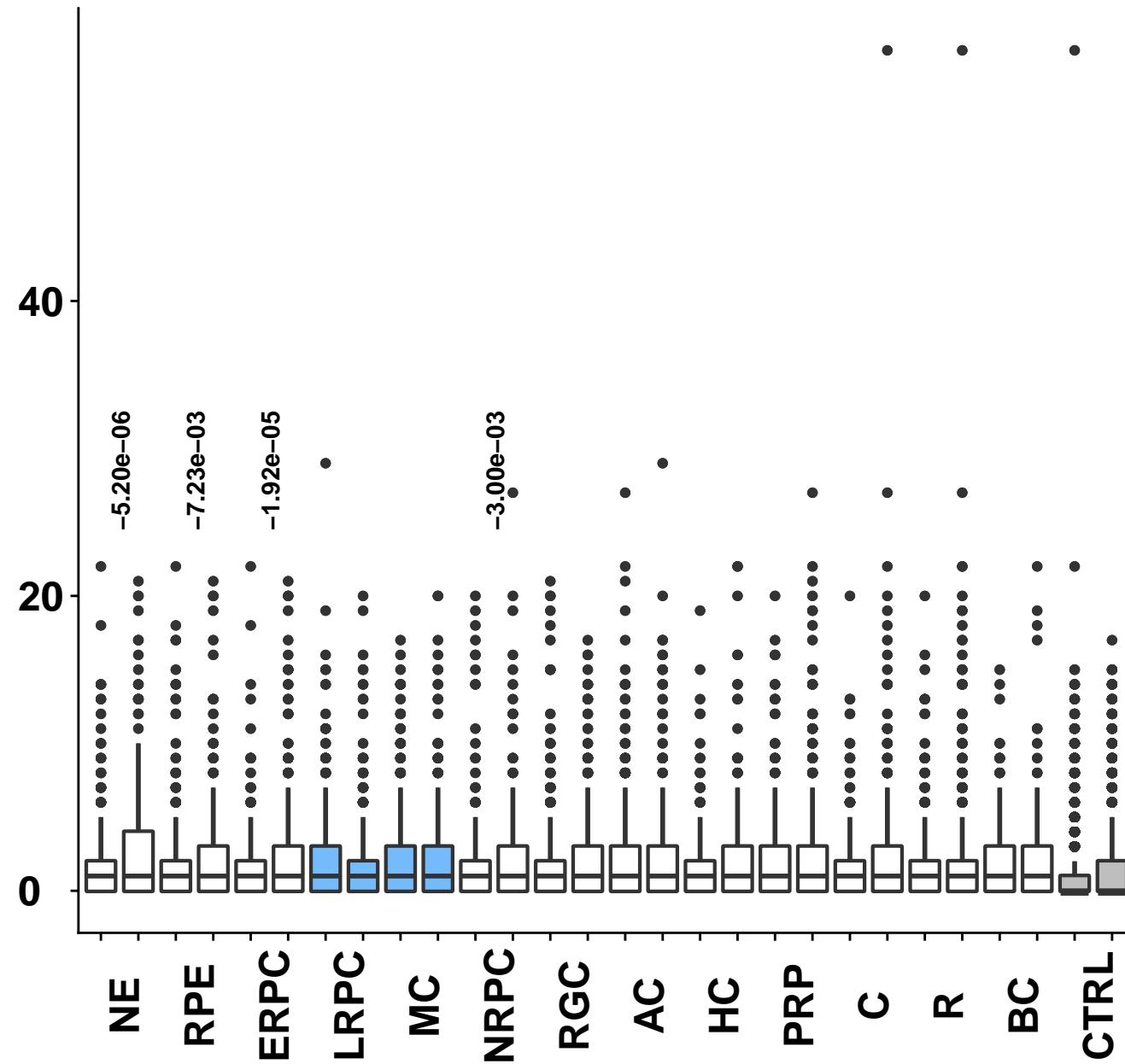
## **Sox8\_1\_total**



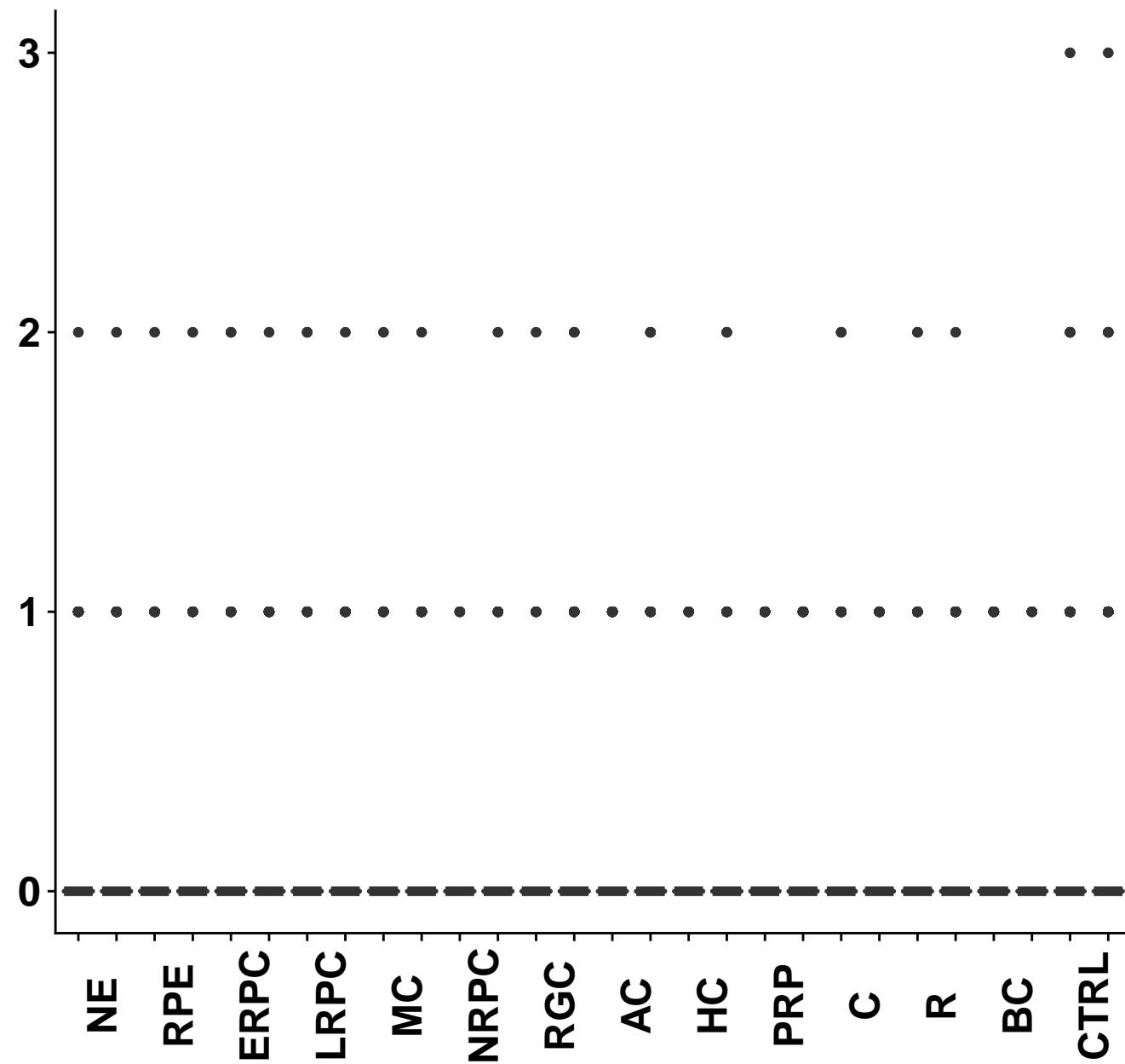
## **Sox8\_2\_total**



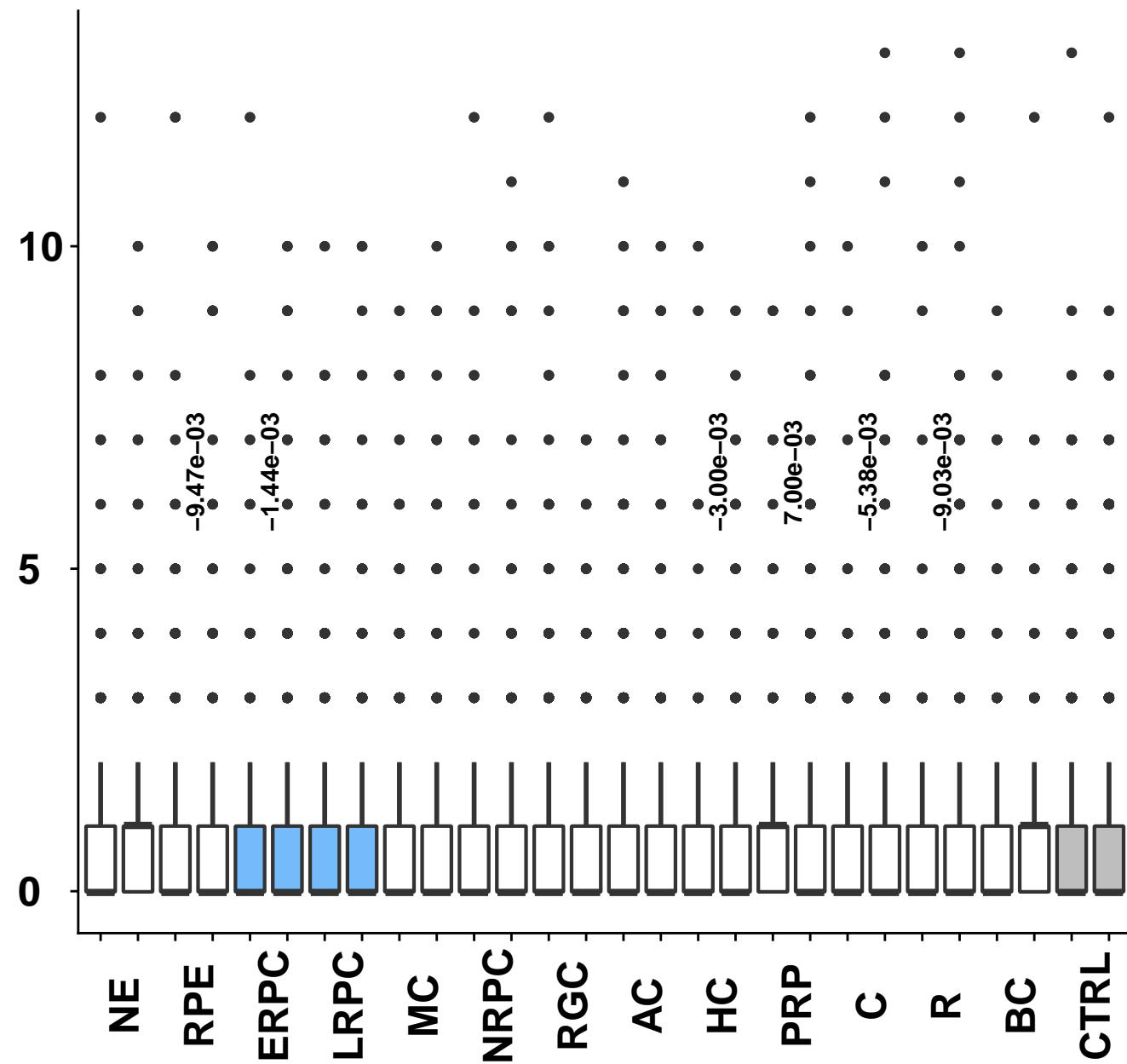
## **Sox8\_3\_total**



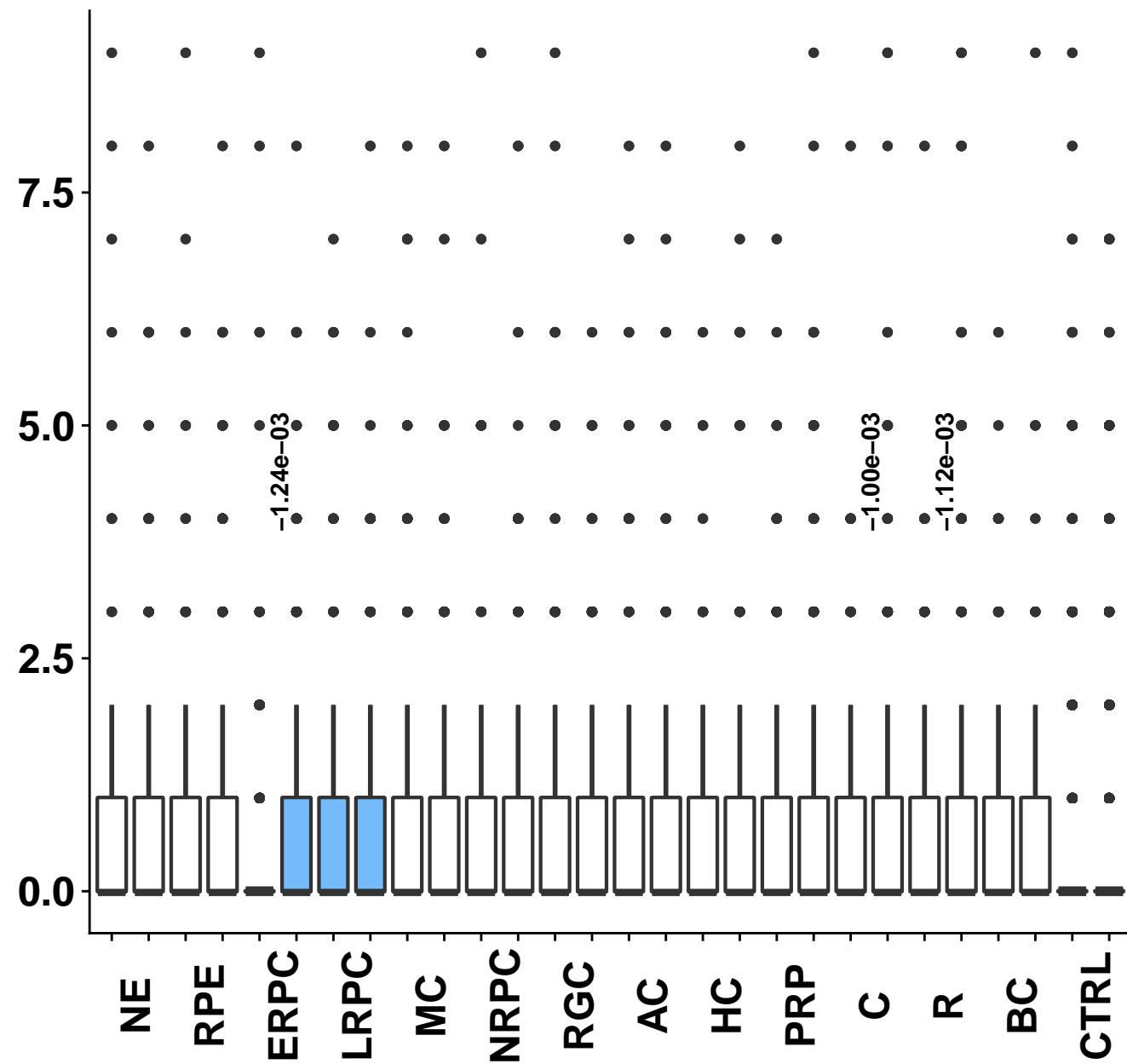
## Tcf7l2\_1\_total



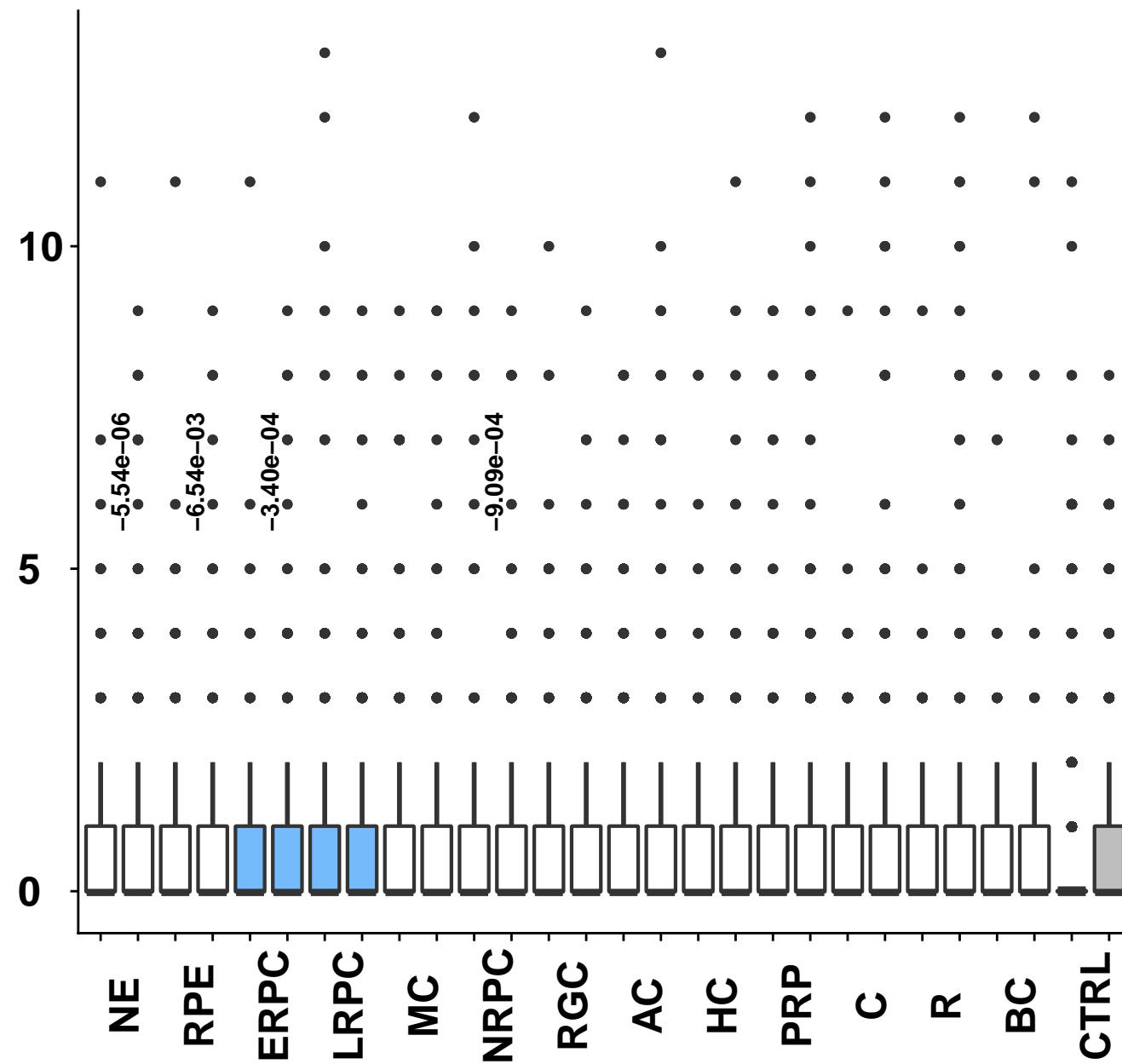
## Tcf7l2\_2\_total



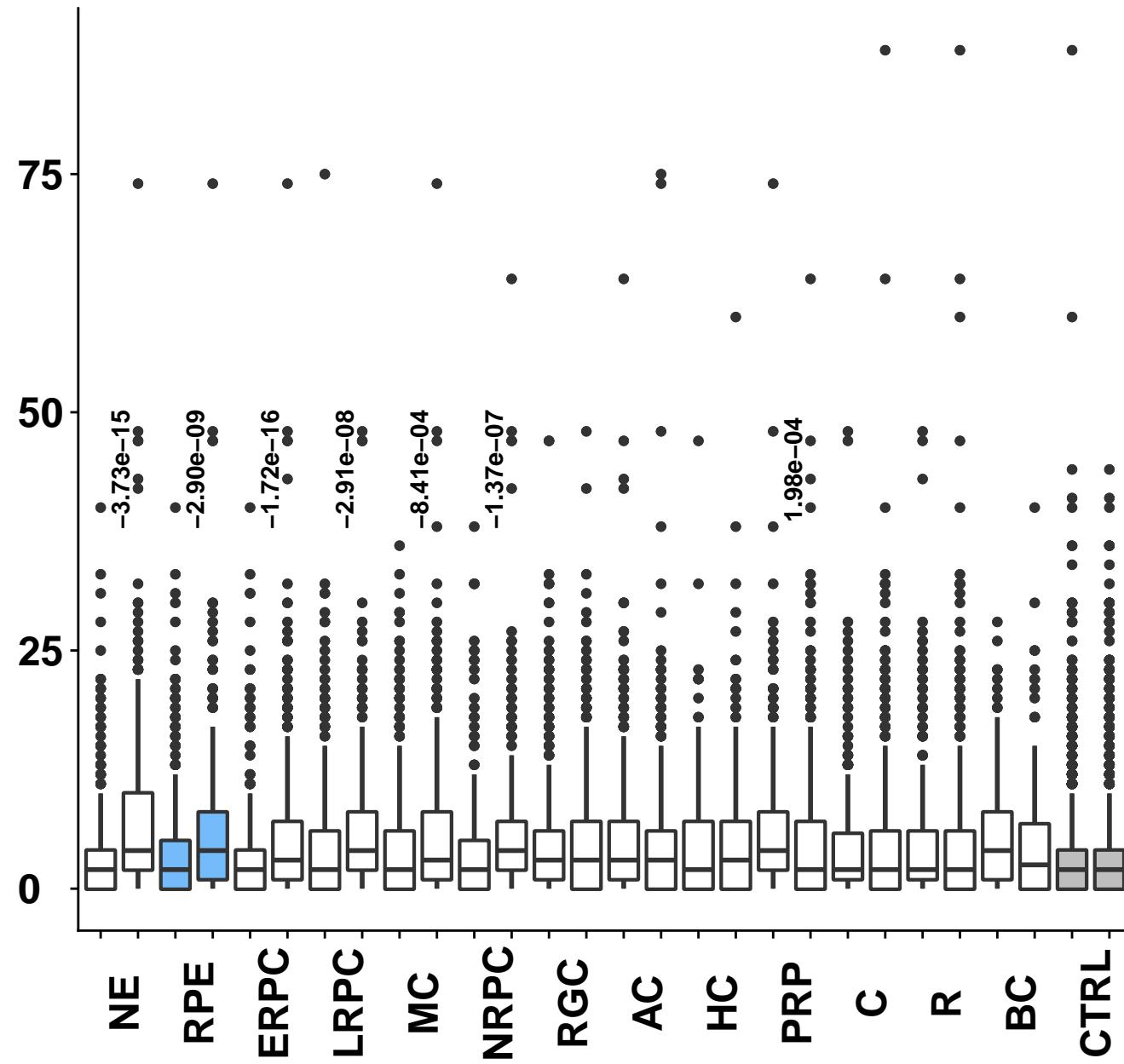
### Tcf7l2\_3\_total



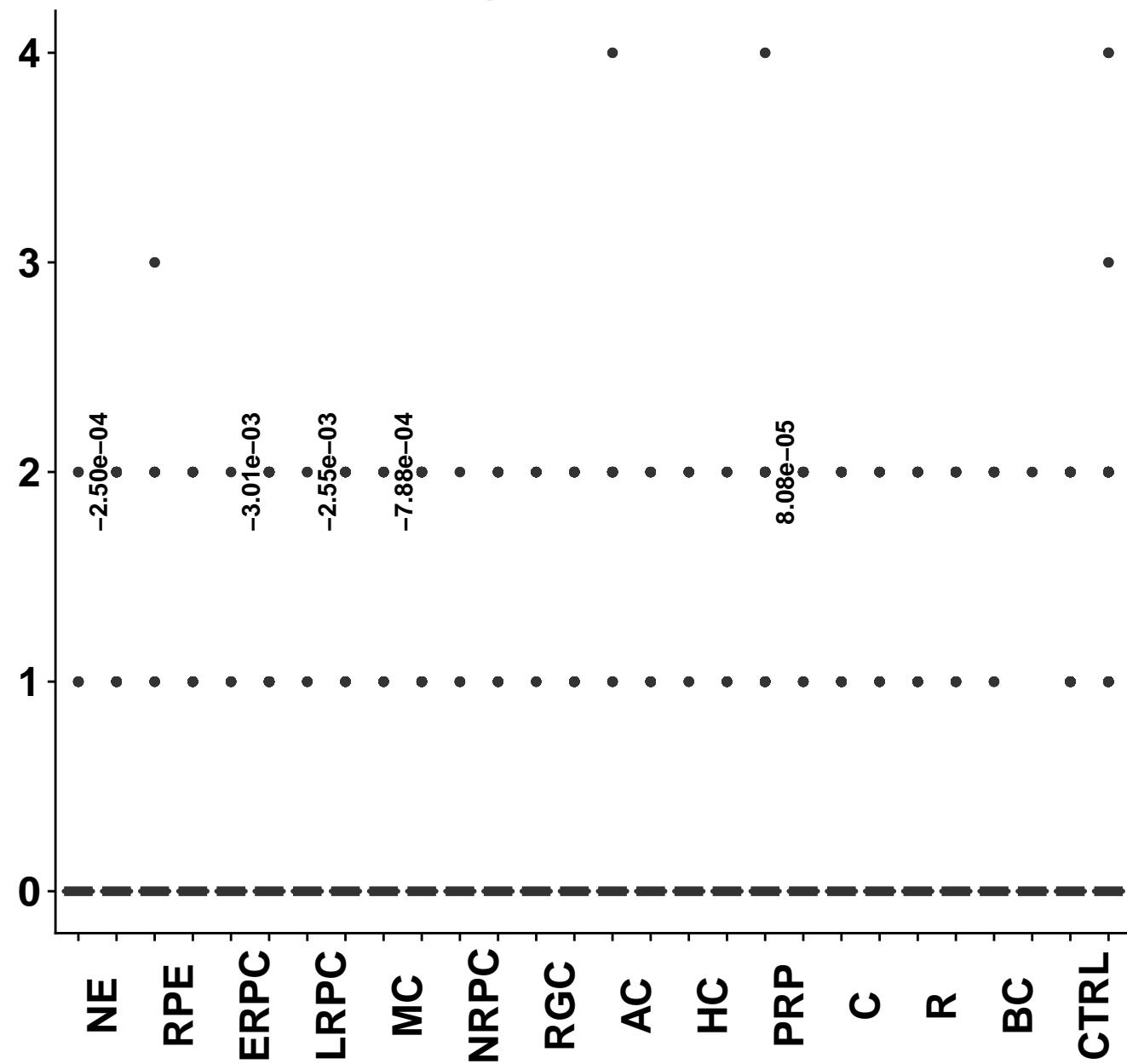
## Tcf7l2\_4\_total



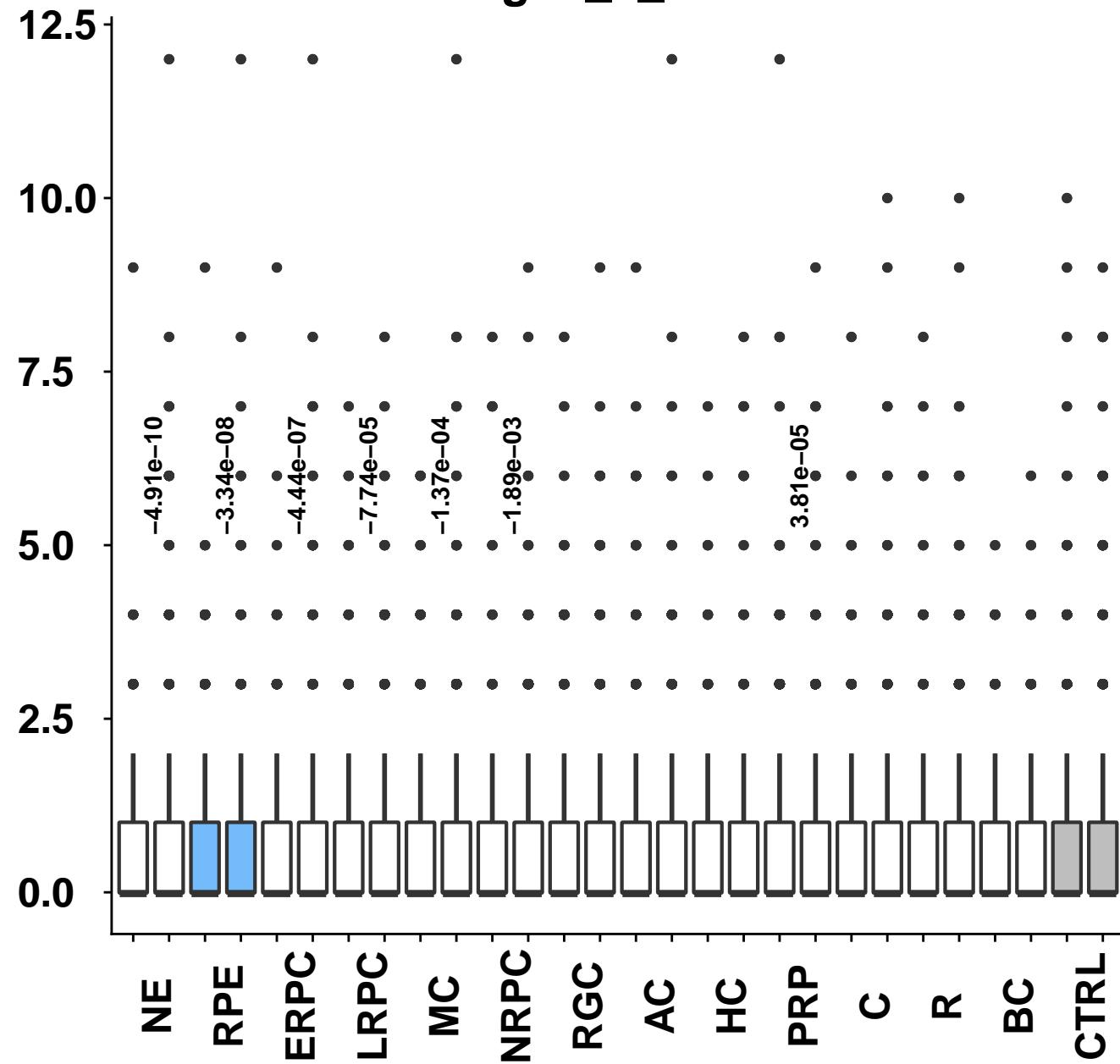
# Tgif1\_1\_total



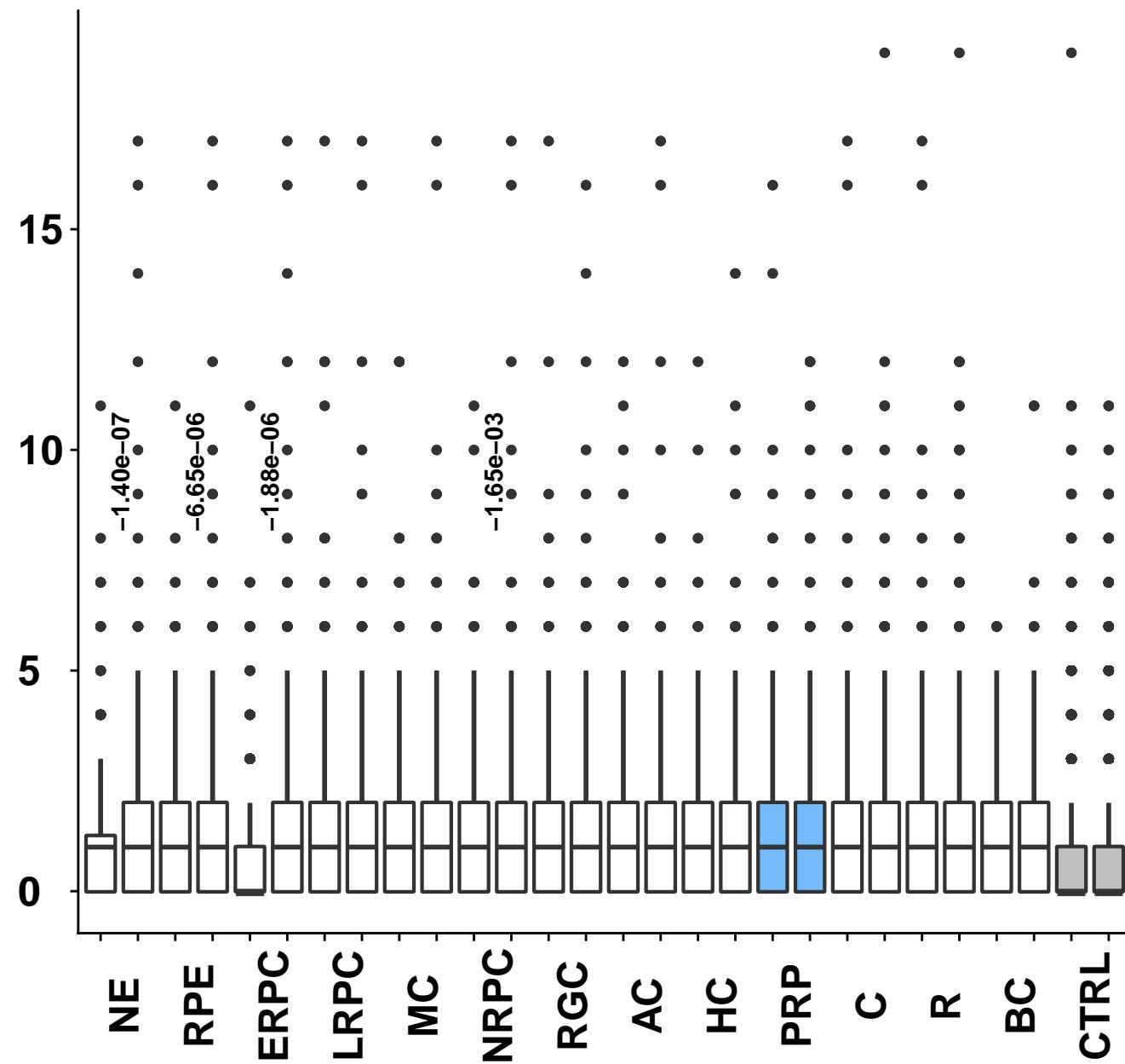
## Tgif1\_2\_total



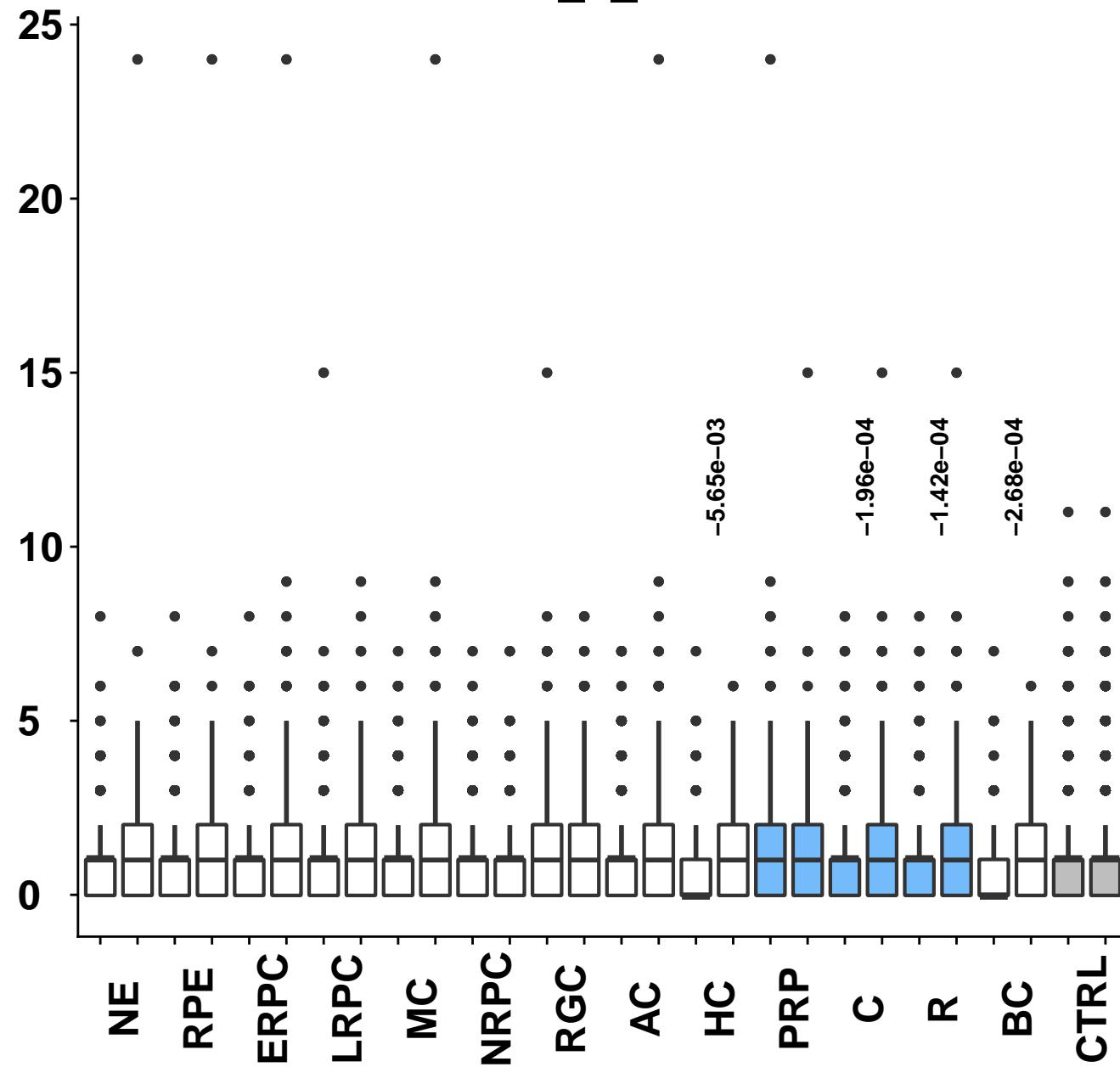
### Tgif1\_3\_total



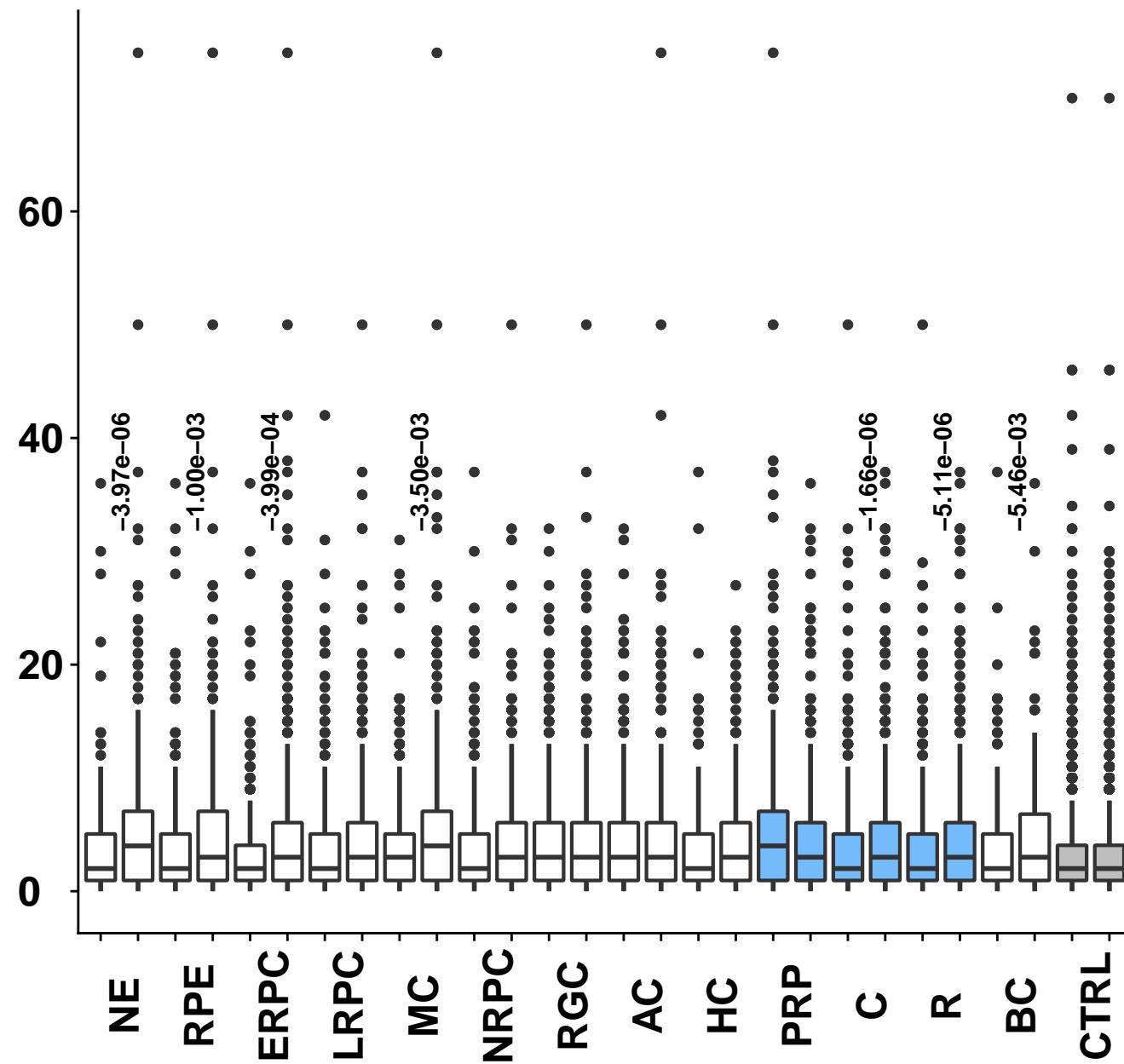
## Ddit3\_1\_total



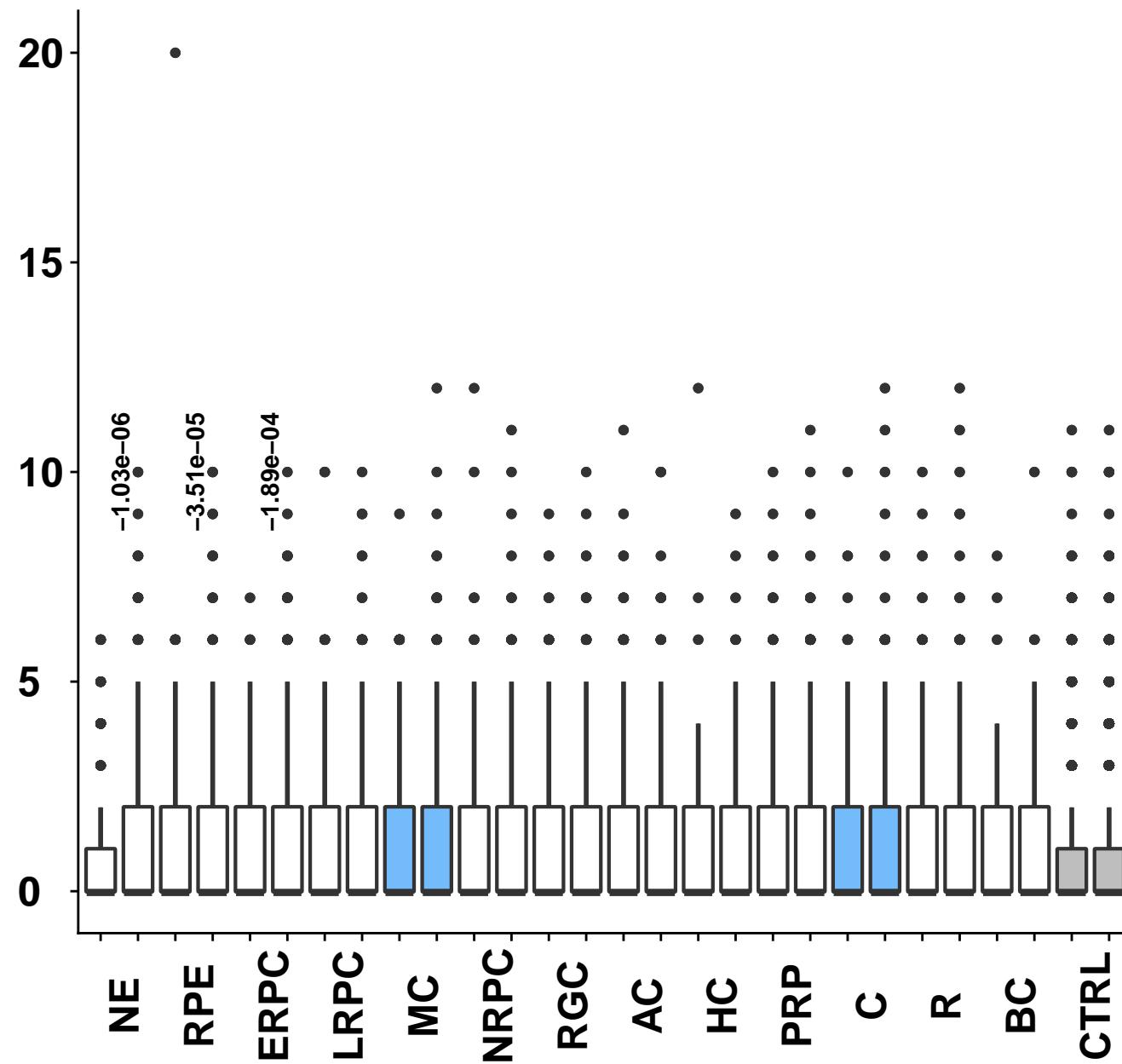
## Klf9\_1\_total



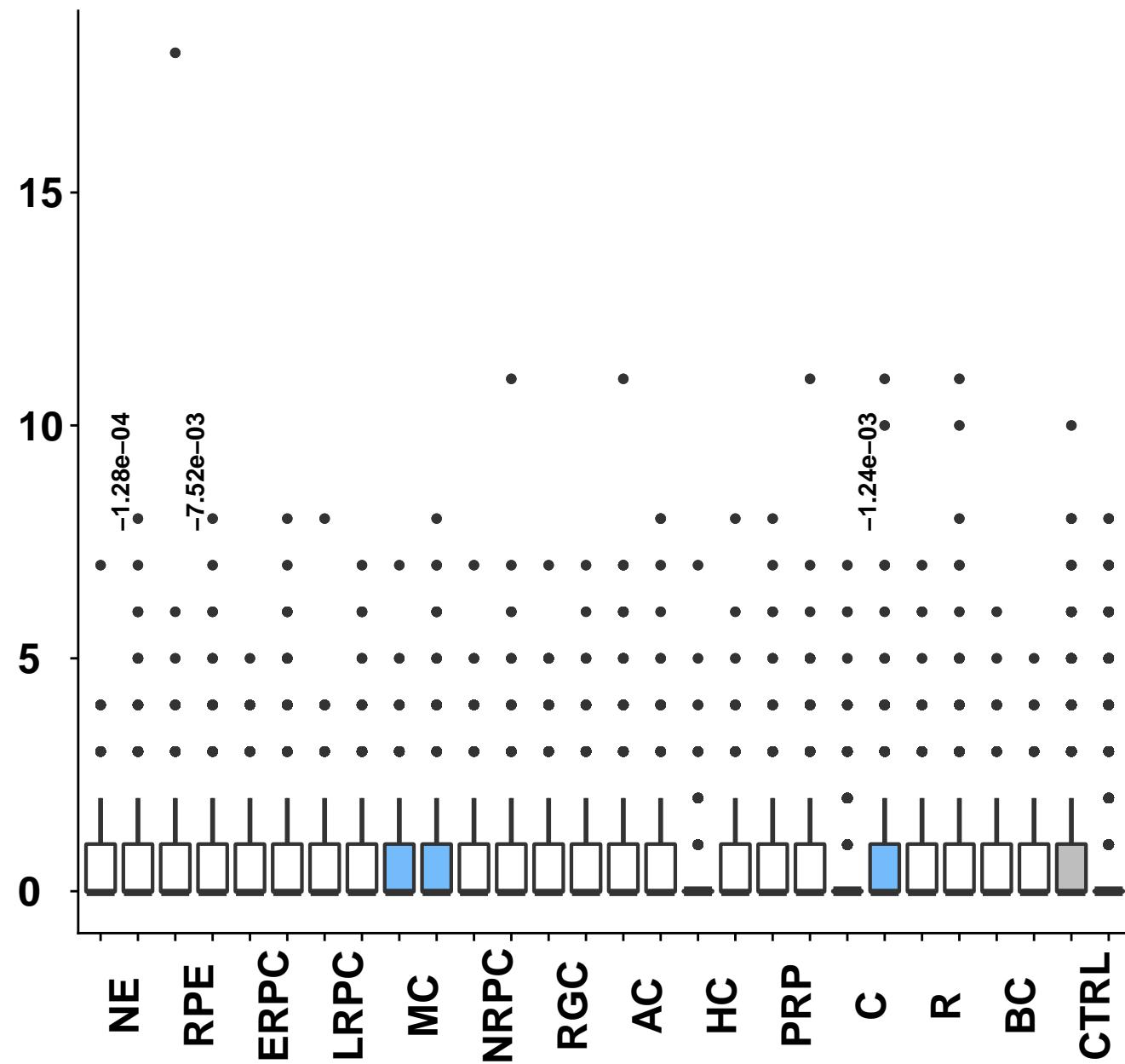
## Klf9\_2\_total



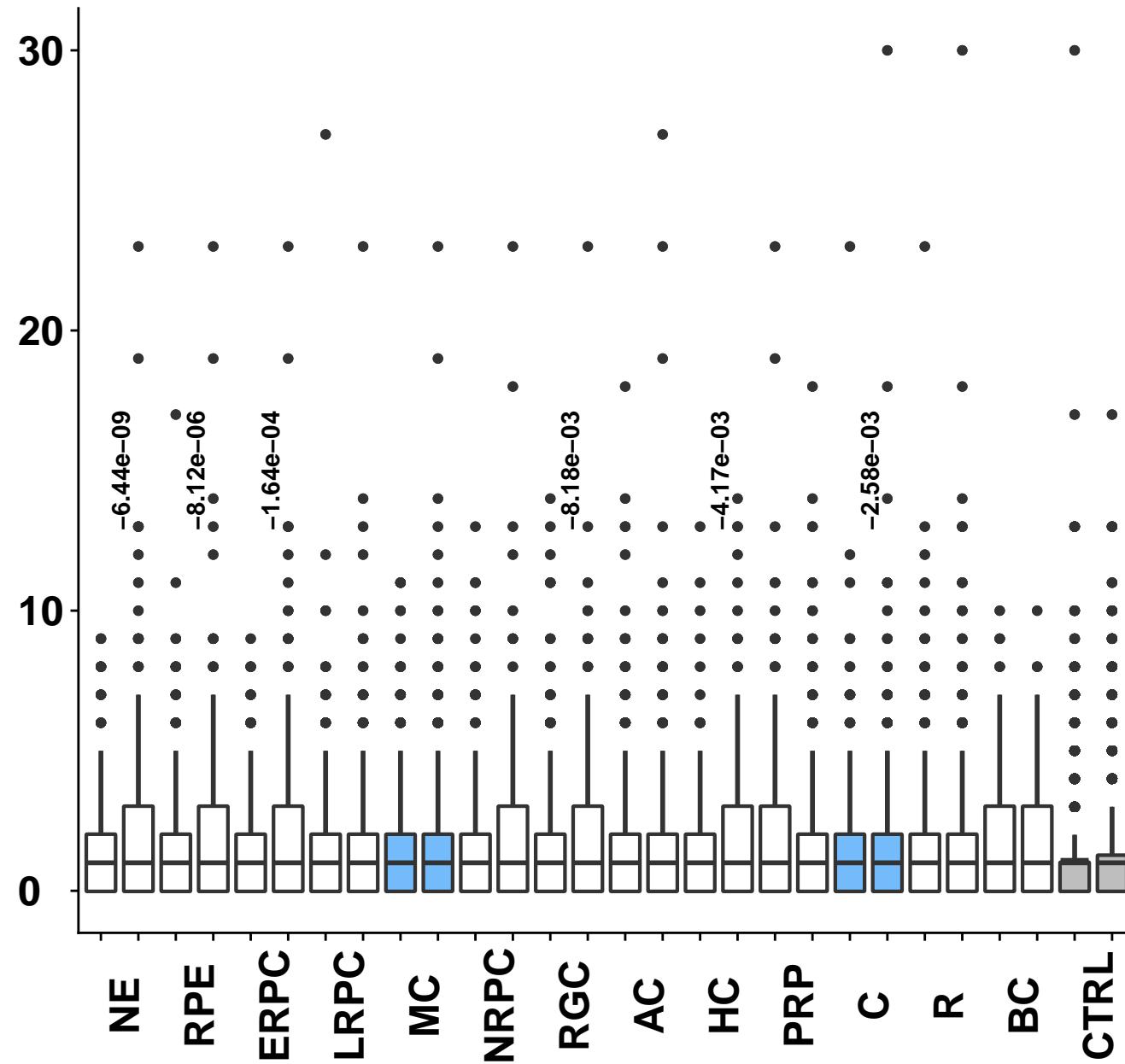
## Stat3\_1\_total



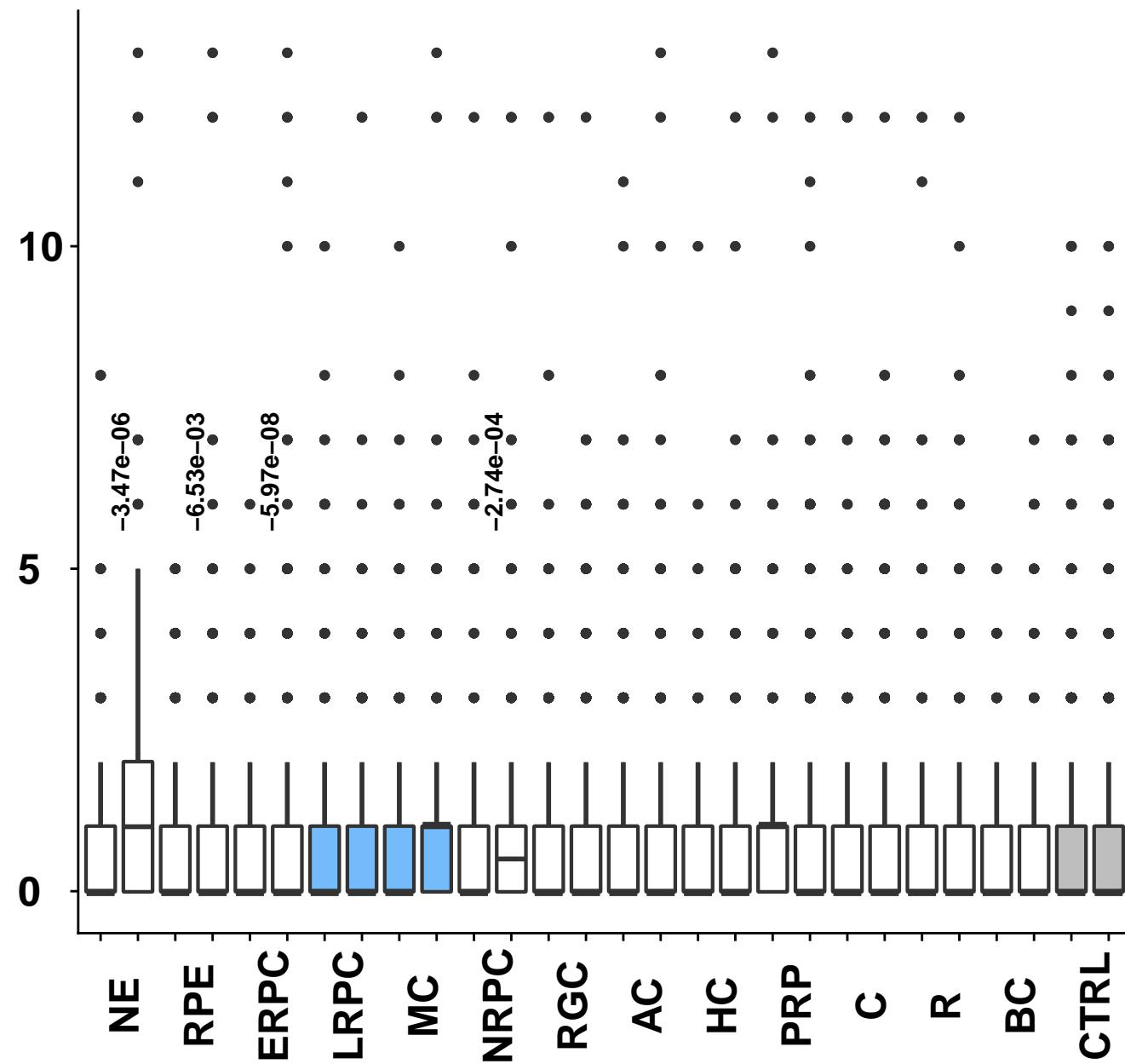
## Stat3\_2\_total



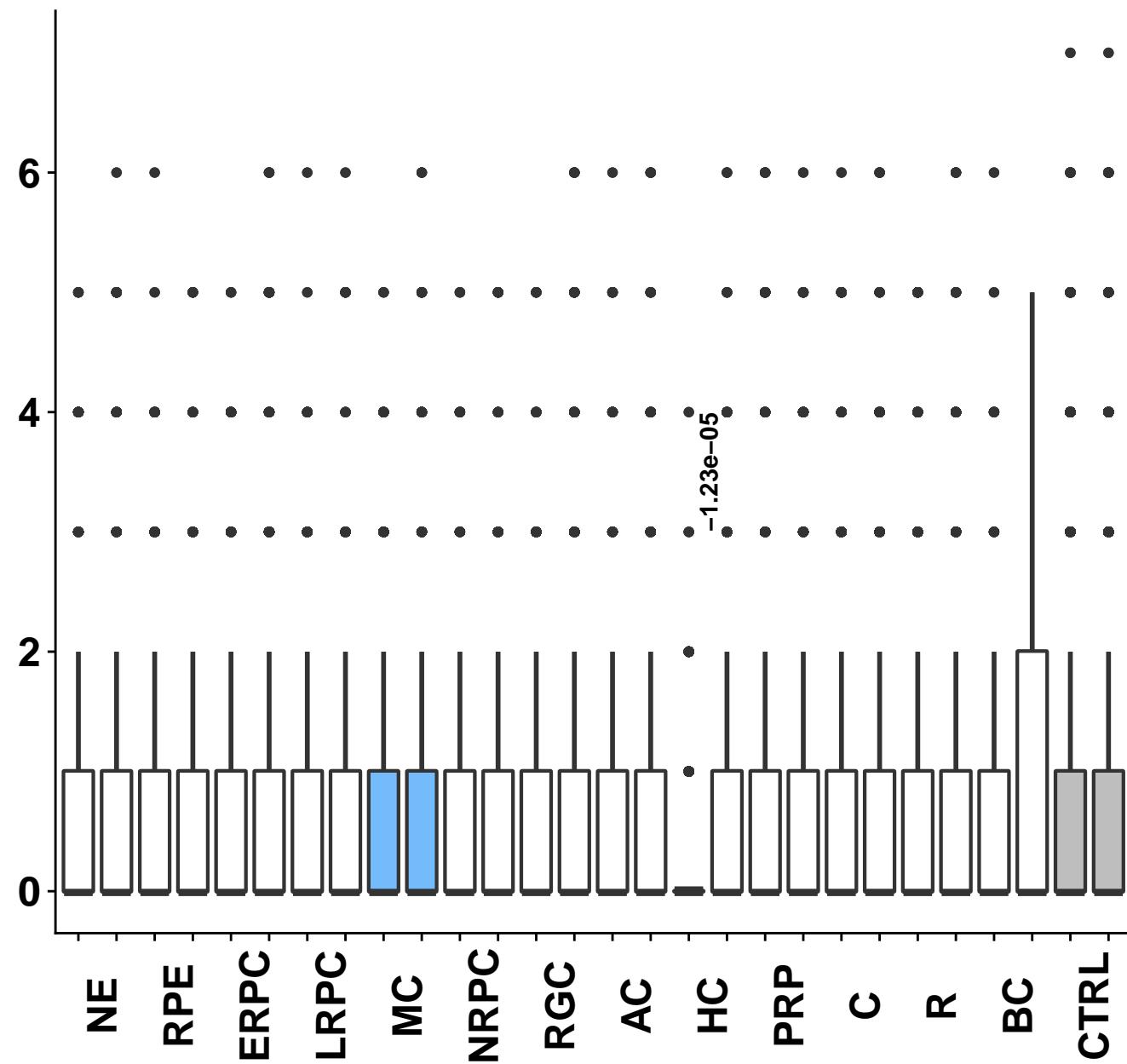
## Stat3\_3\_total



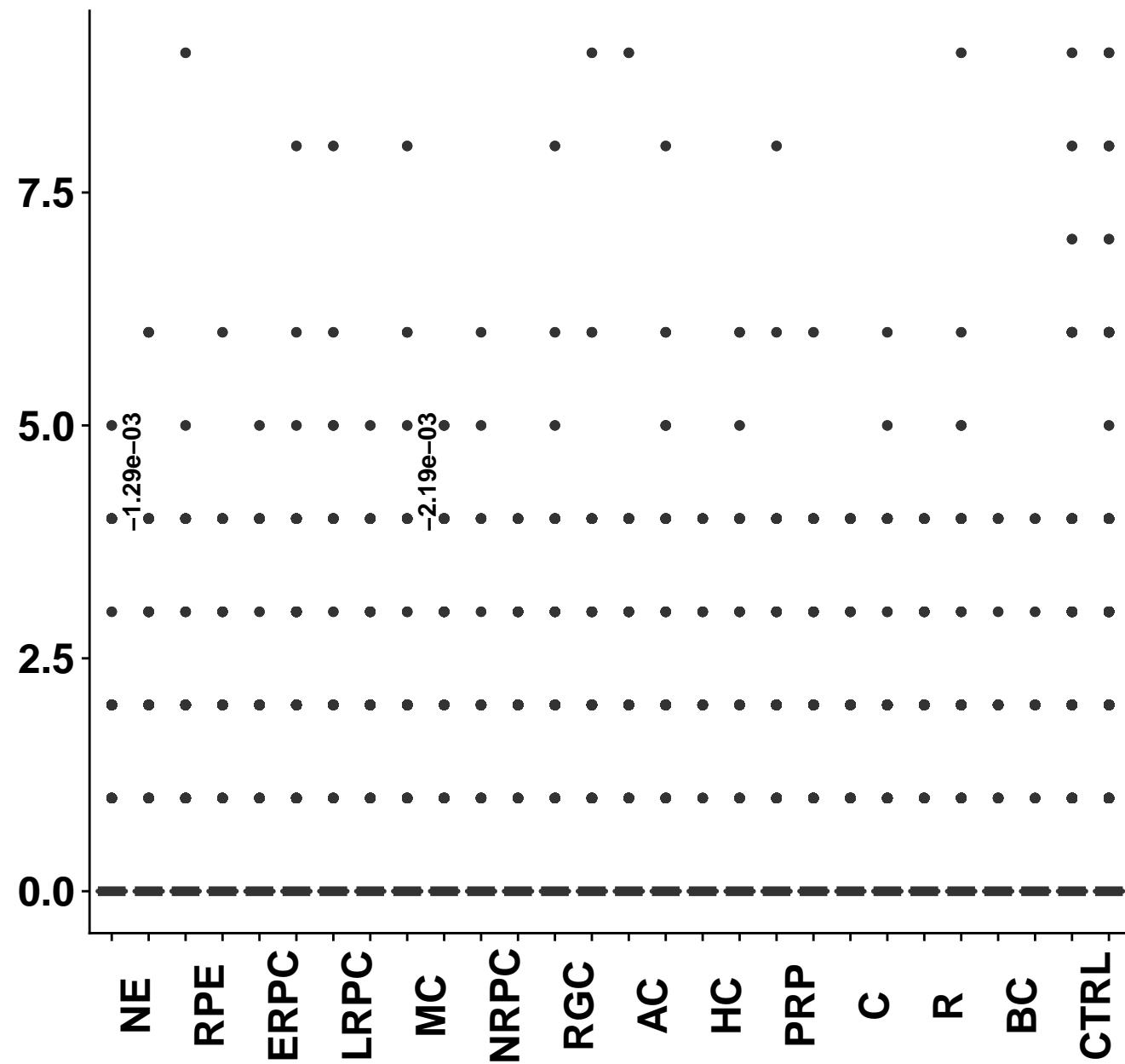
## Nfia\_1\_total



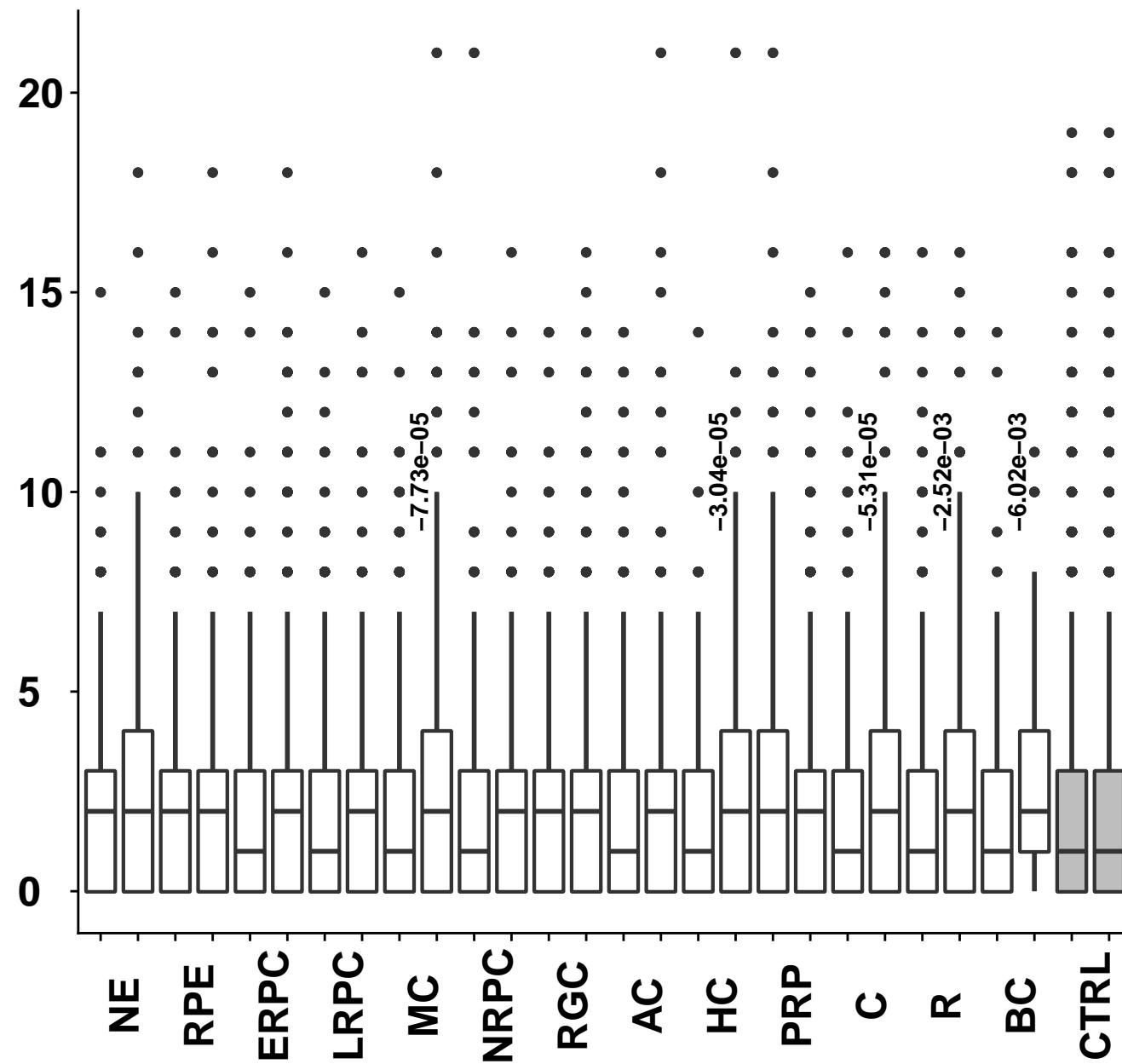
## Creb3l2\_1\_total



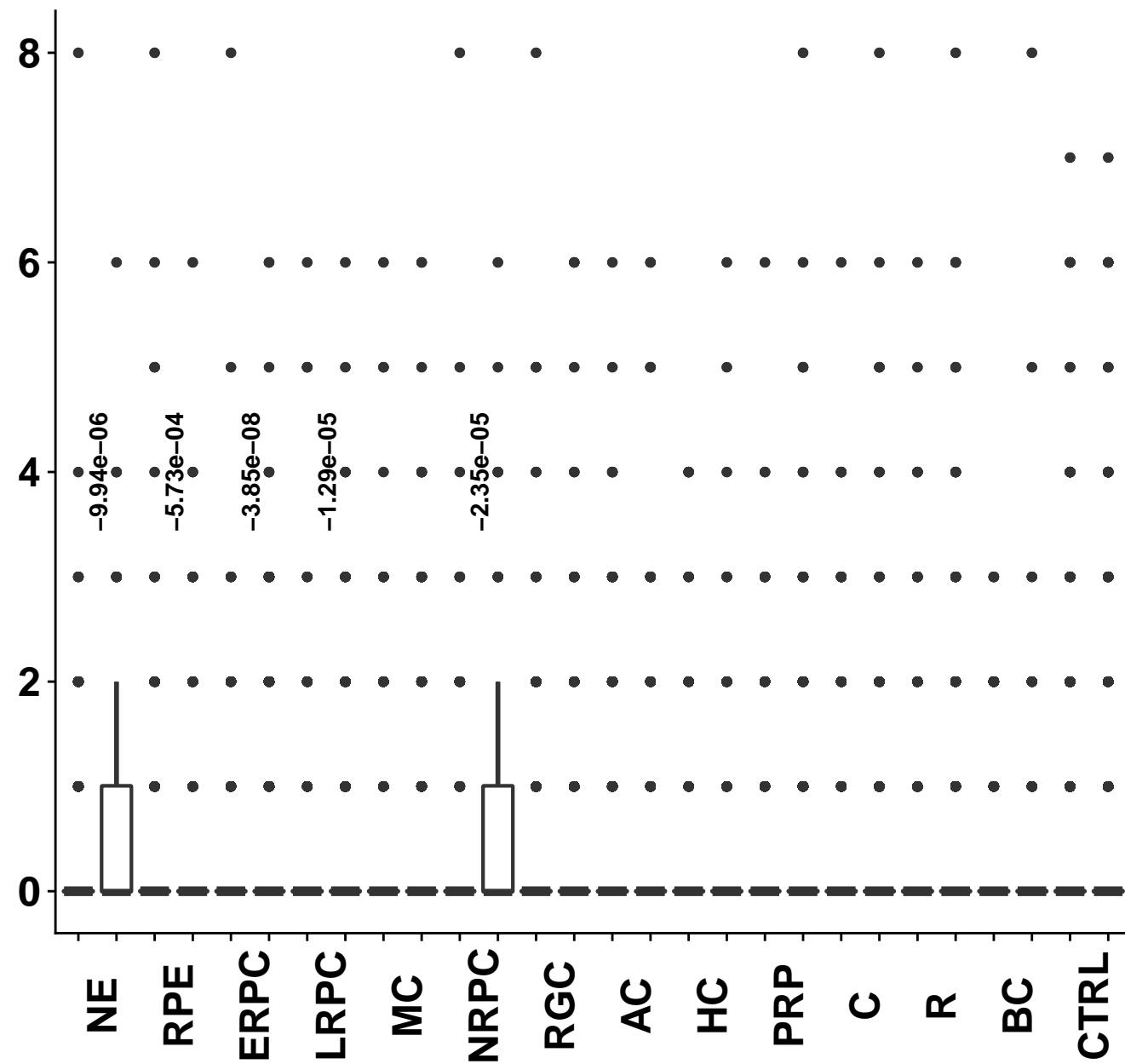
## Dbp\_1\_total



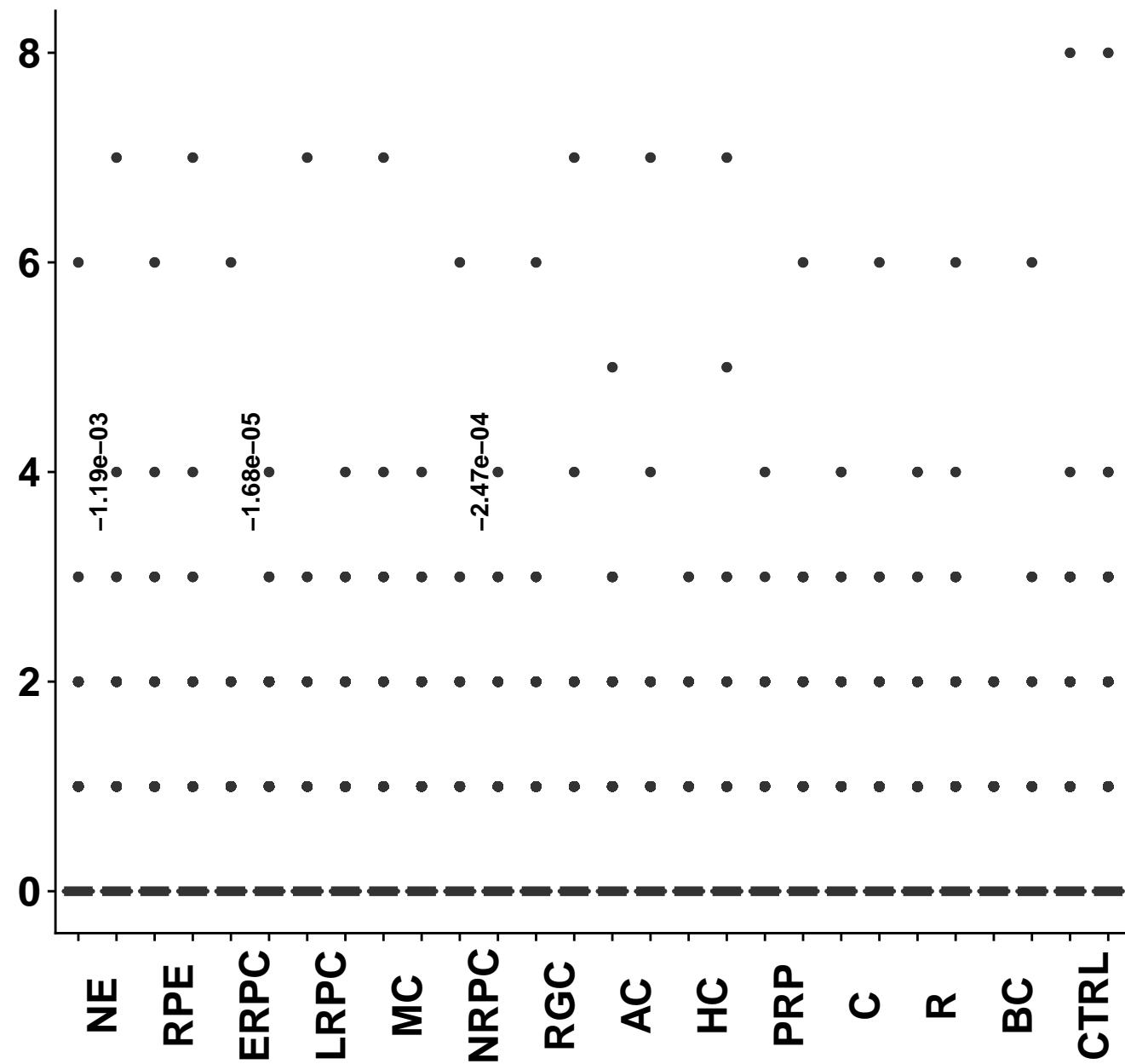
## Hey2\_1\_total



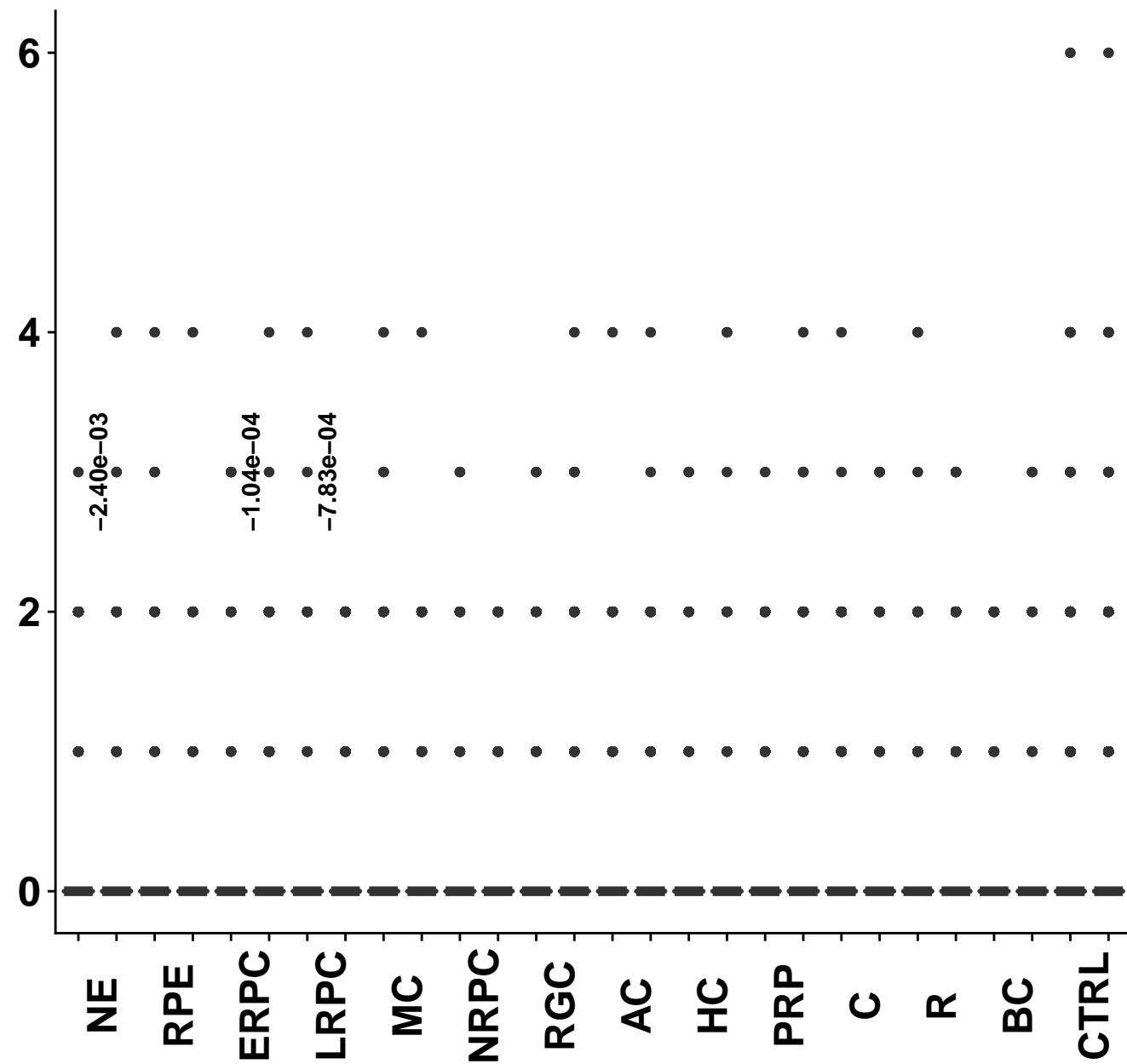
## Mafk\_1\_total



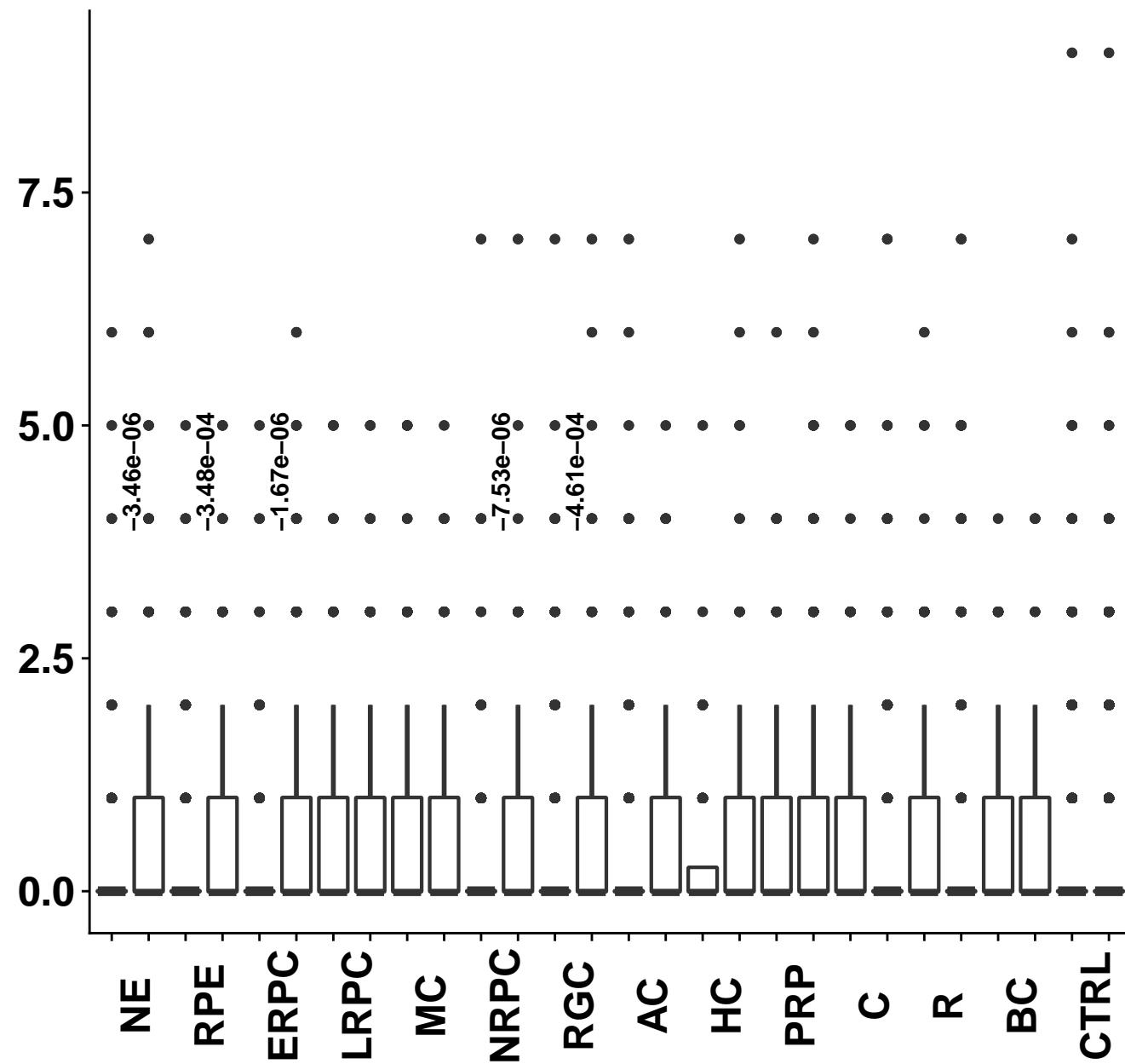
## Mafk\_2\_total



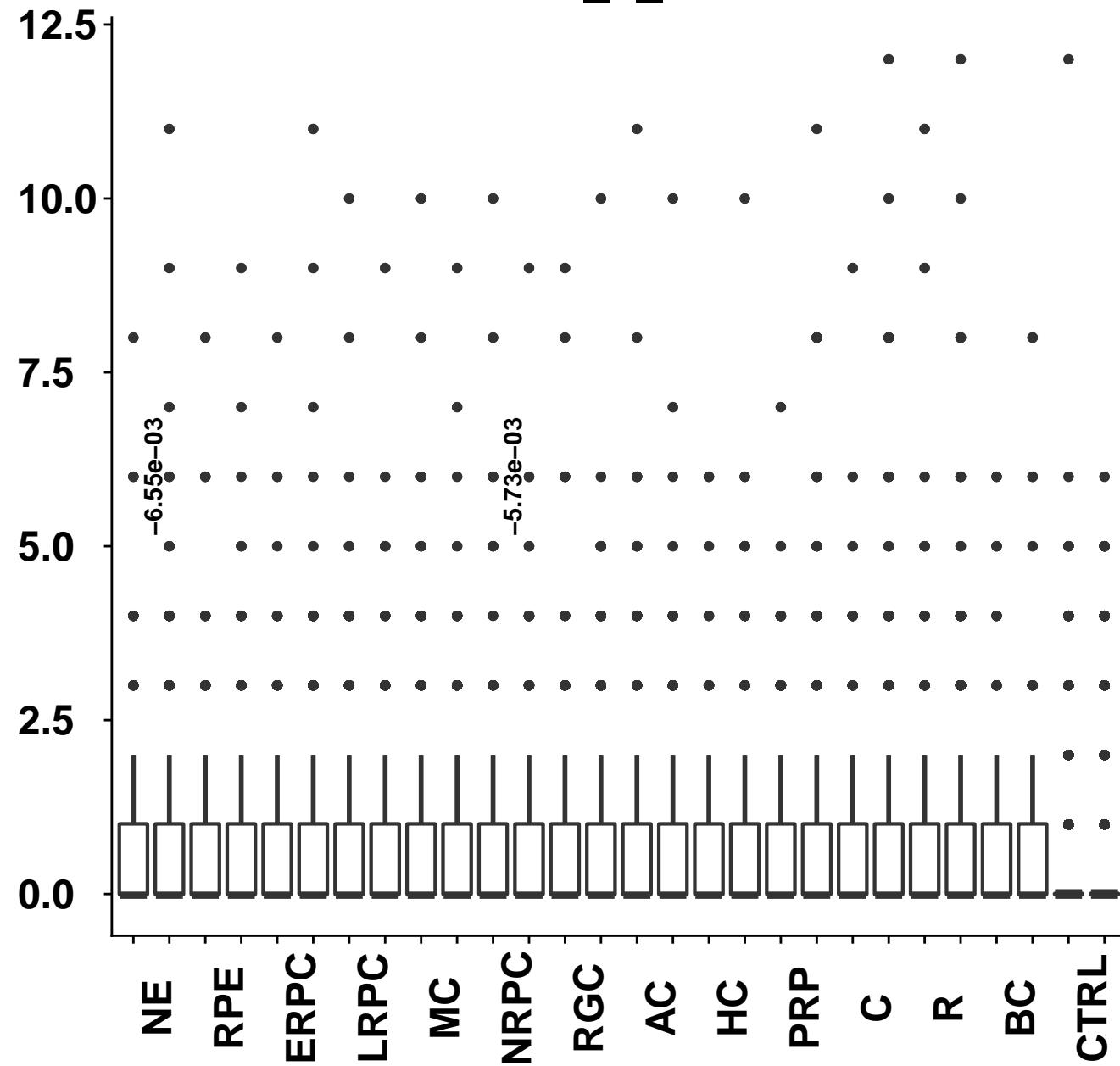
### Mafk\_3\_total



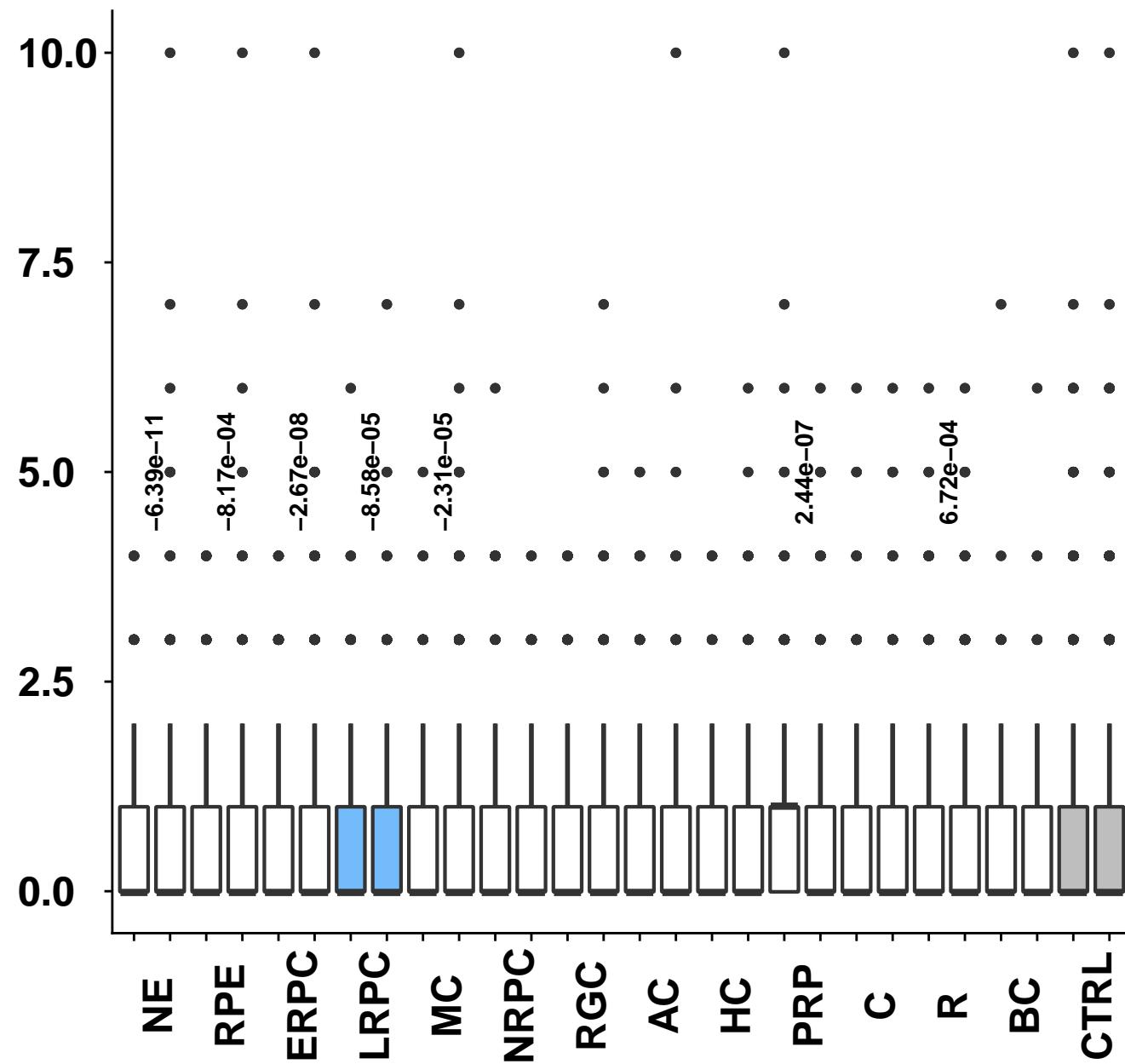
## Mafk\_4\_total



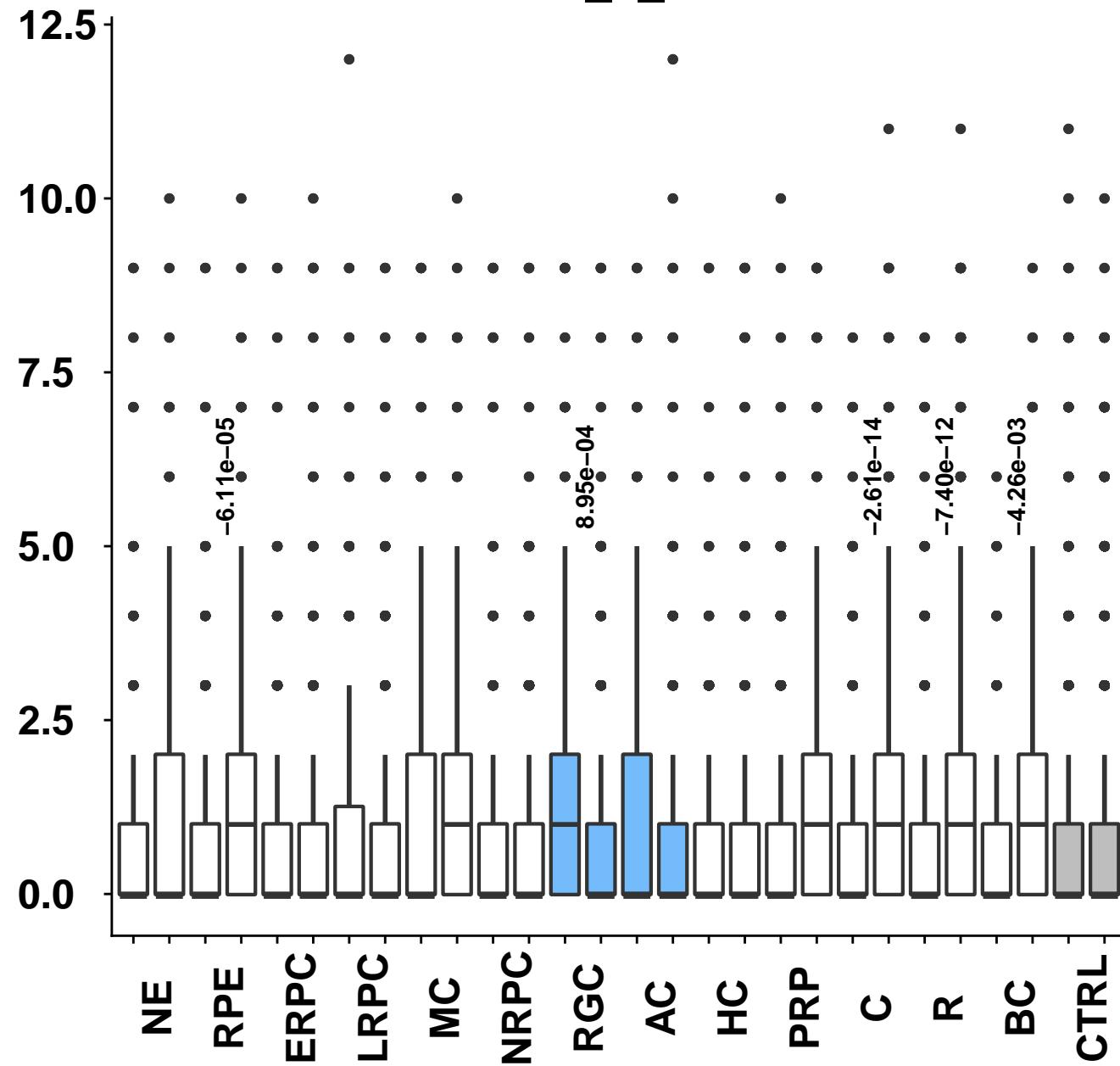
## Mafk\_5\_total



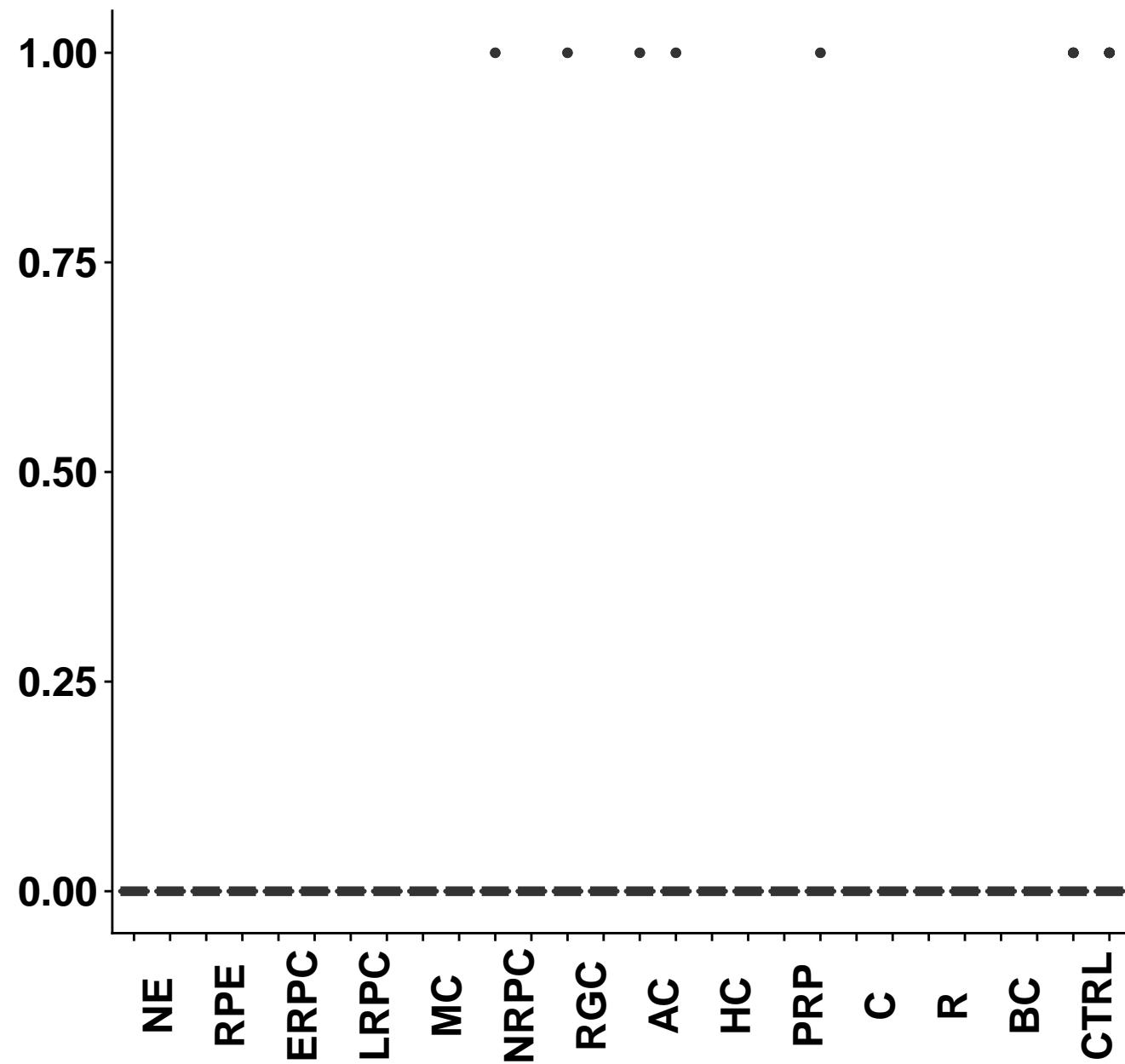
## Zeb2\_1\_total



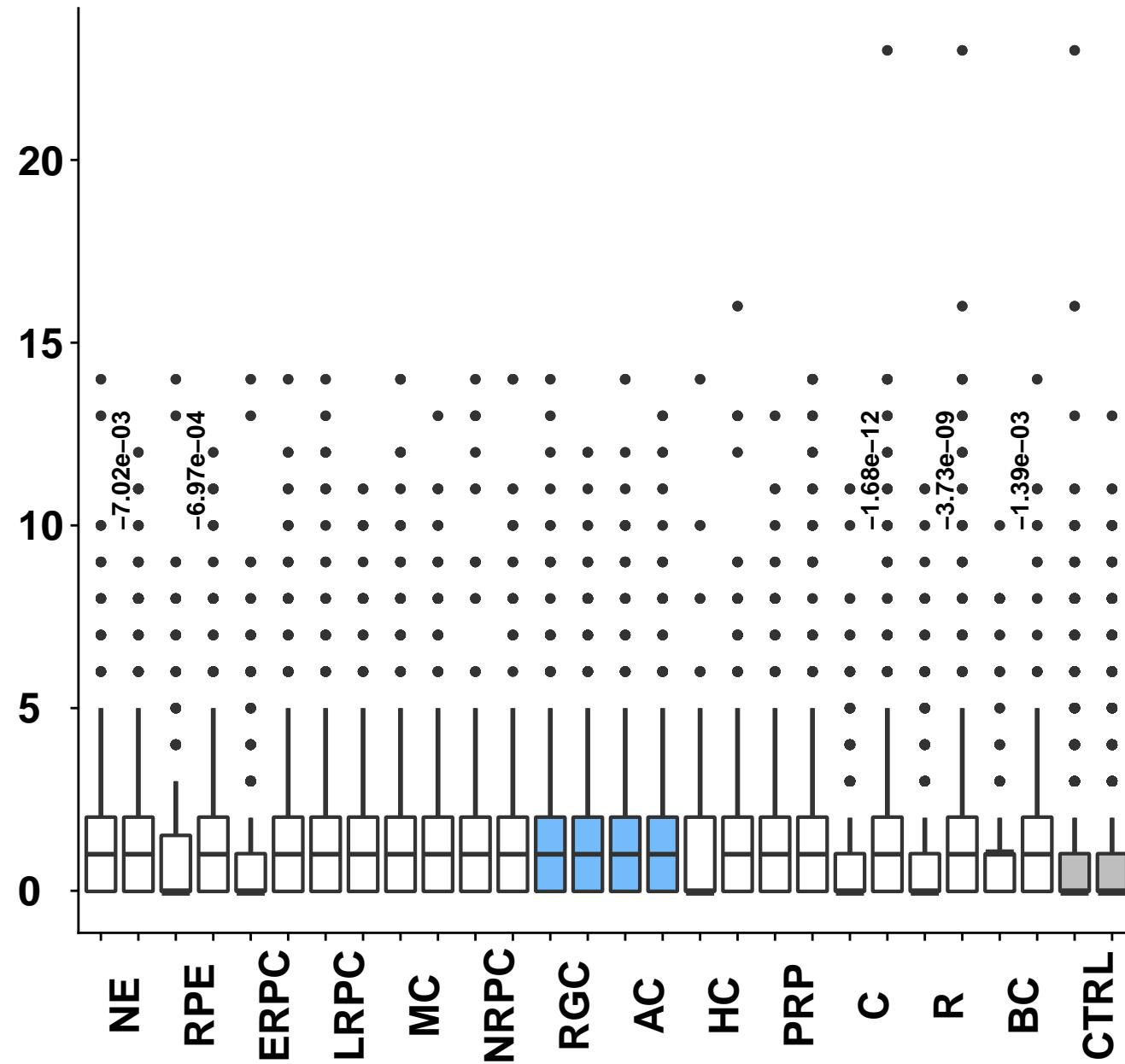
## Sox4\_1\_total



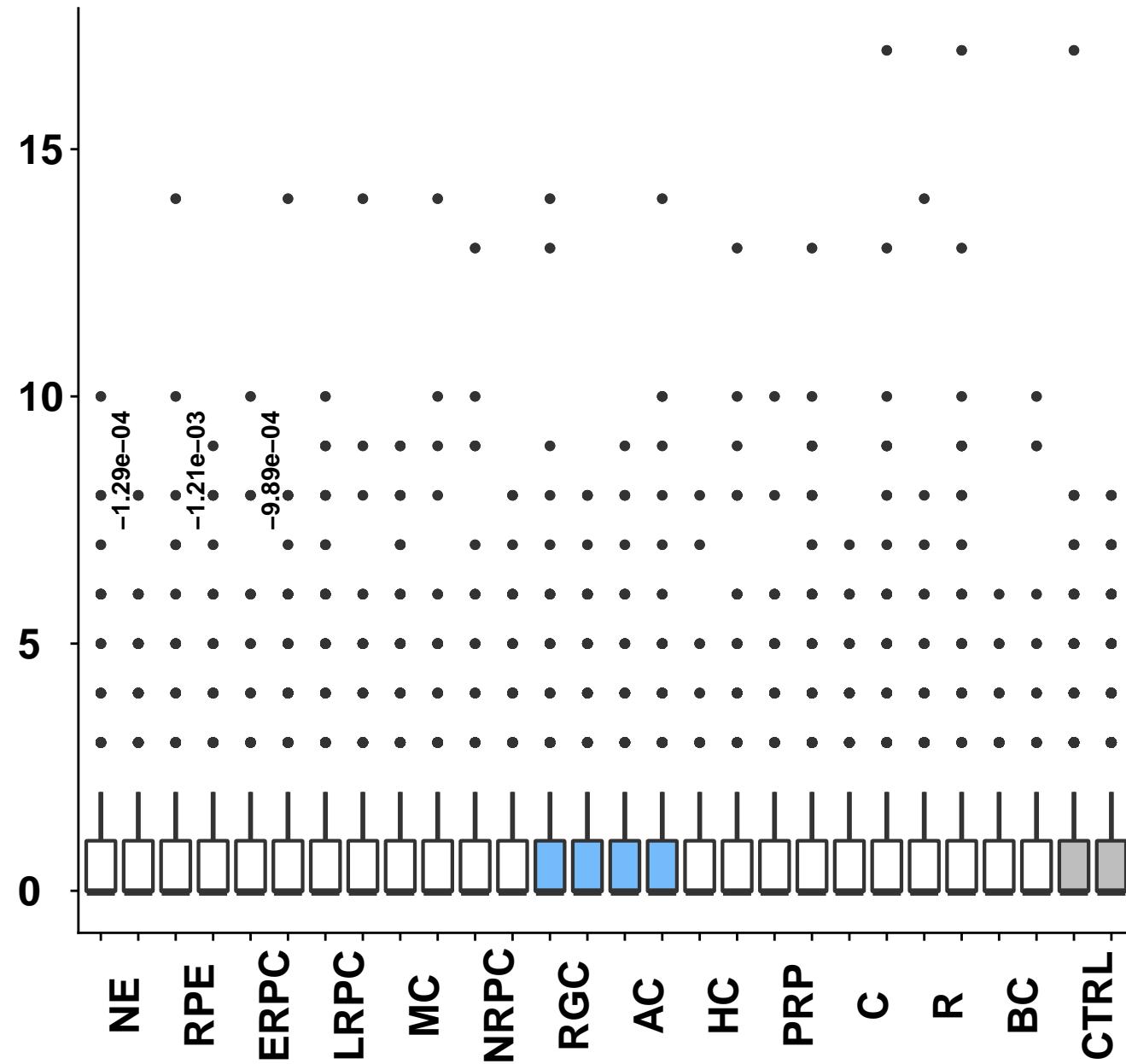
## **Sox4\_2\_total**



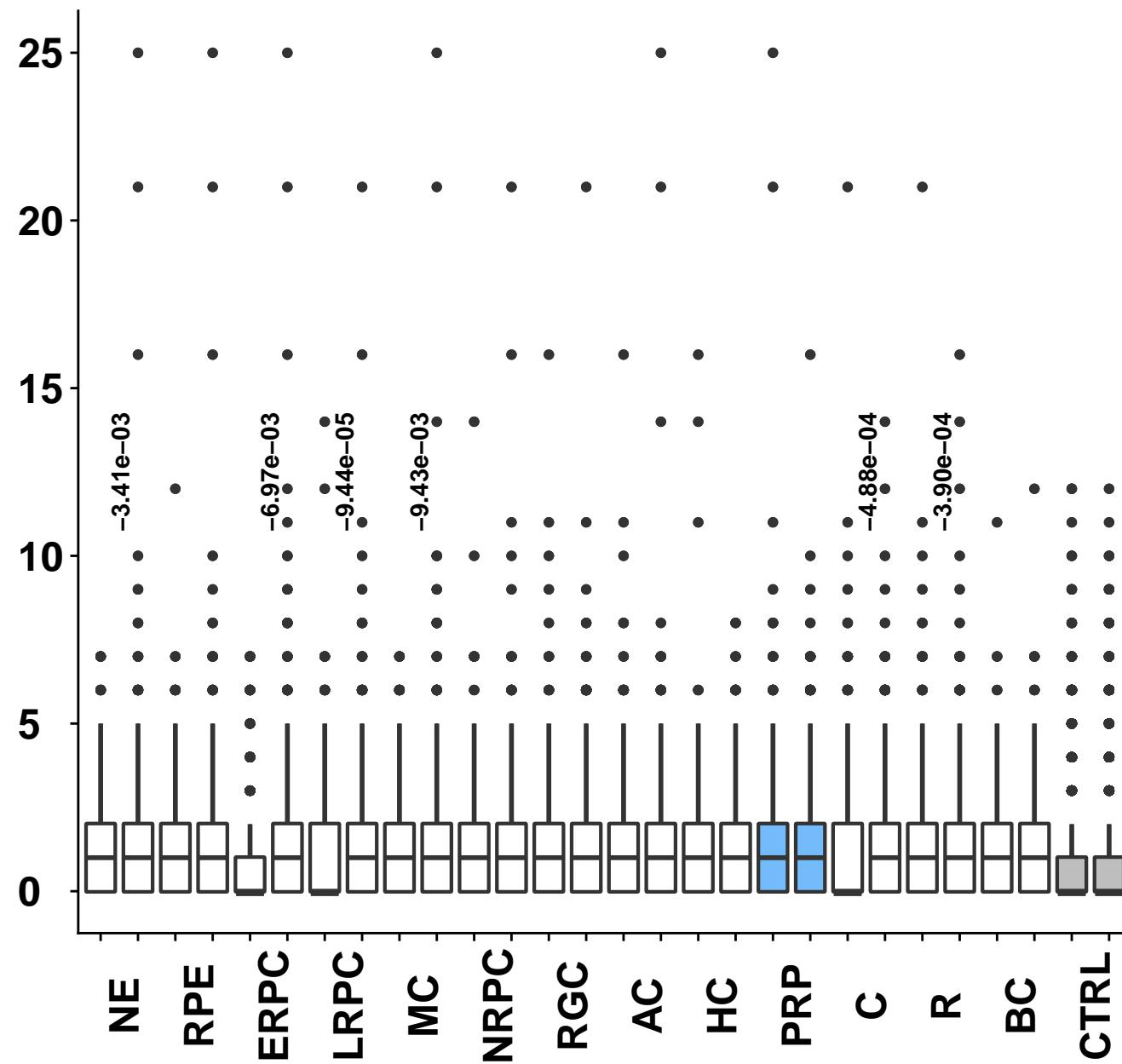
## **Sox4\_3\_total**



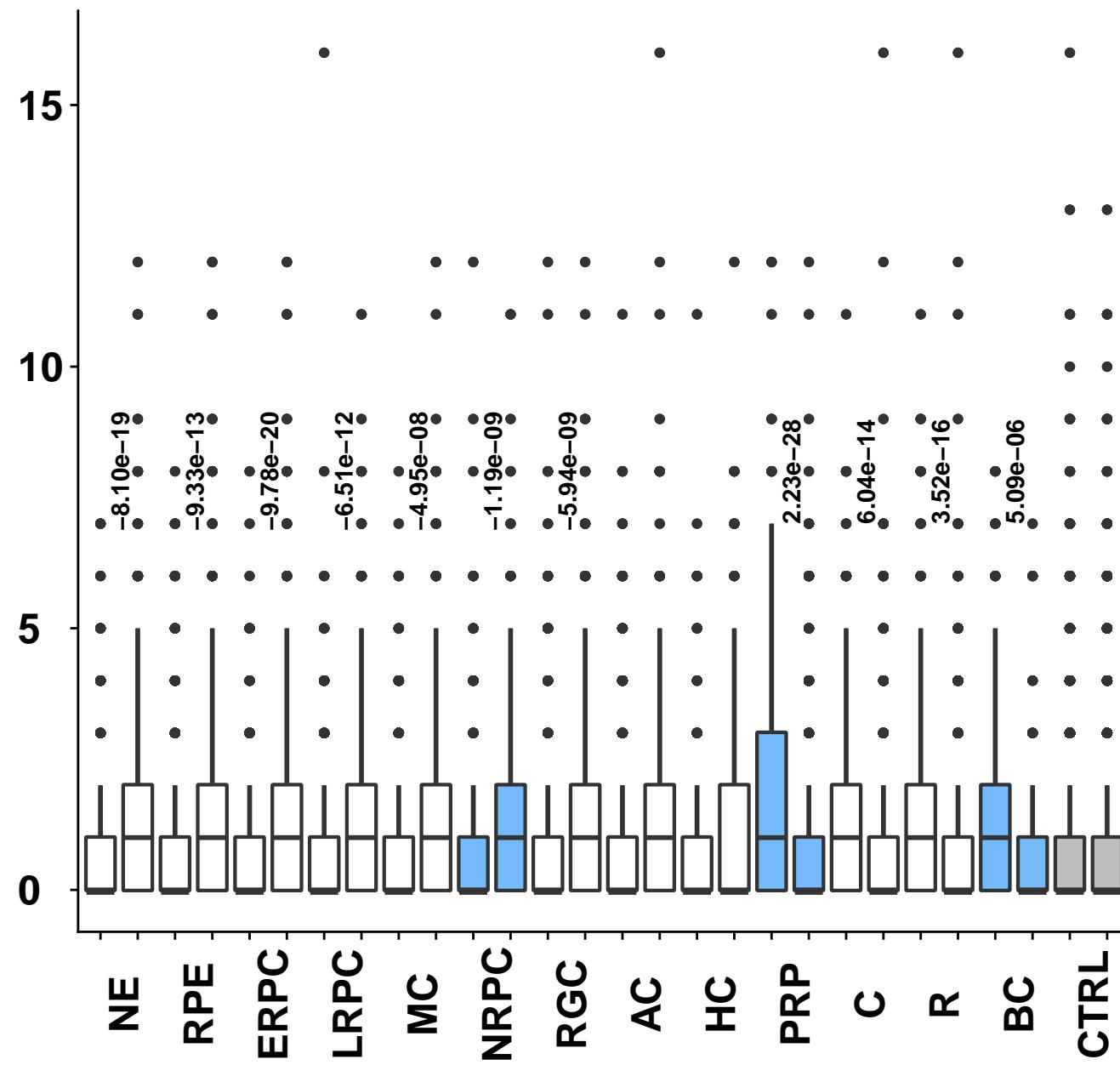
## **Sox4\_4\_total**



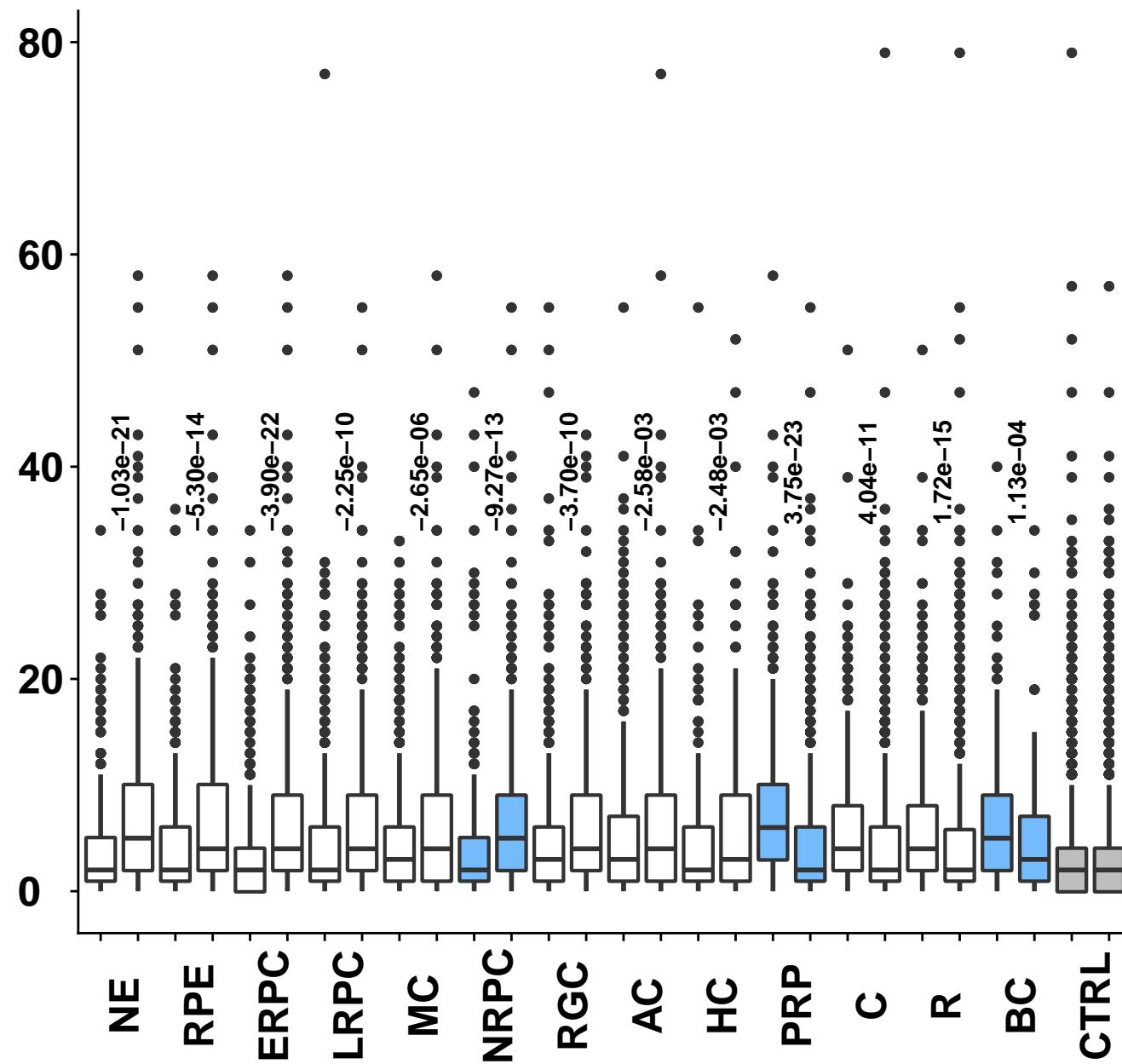
## Insm1\_1\_total



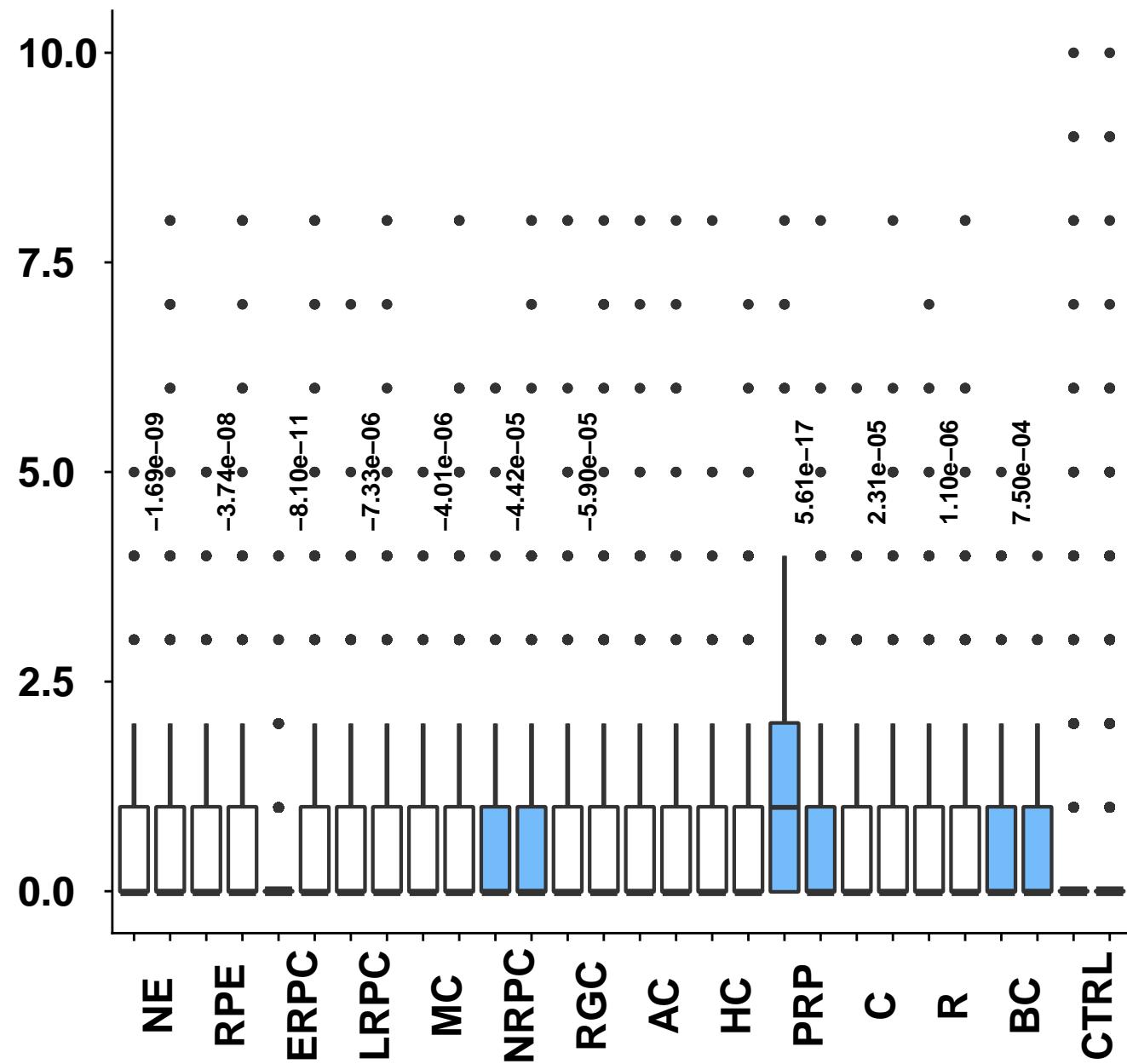
## Otx2\_1\_total



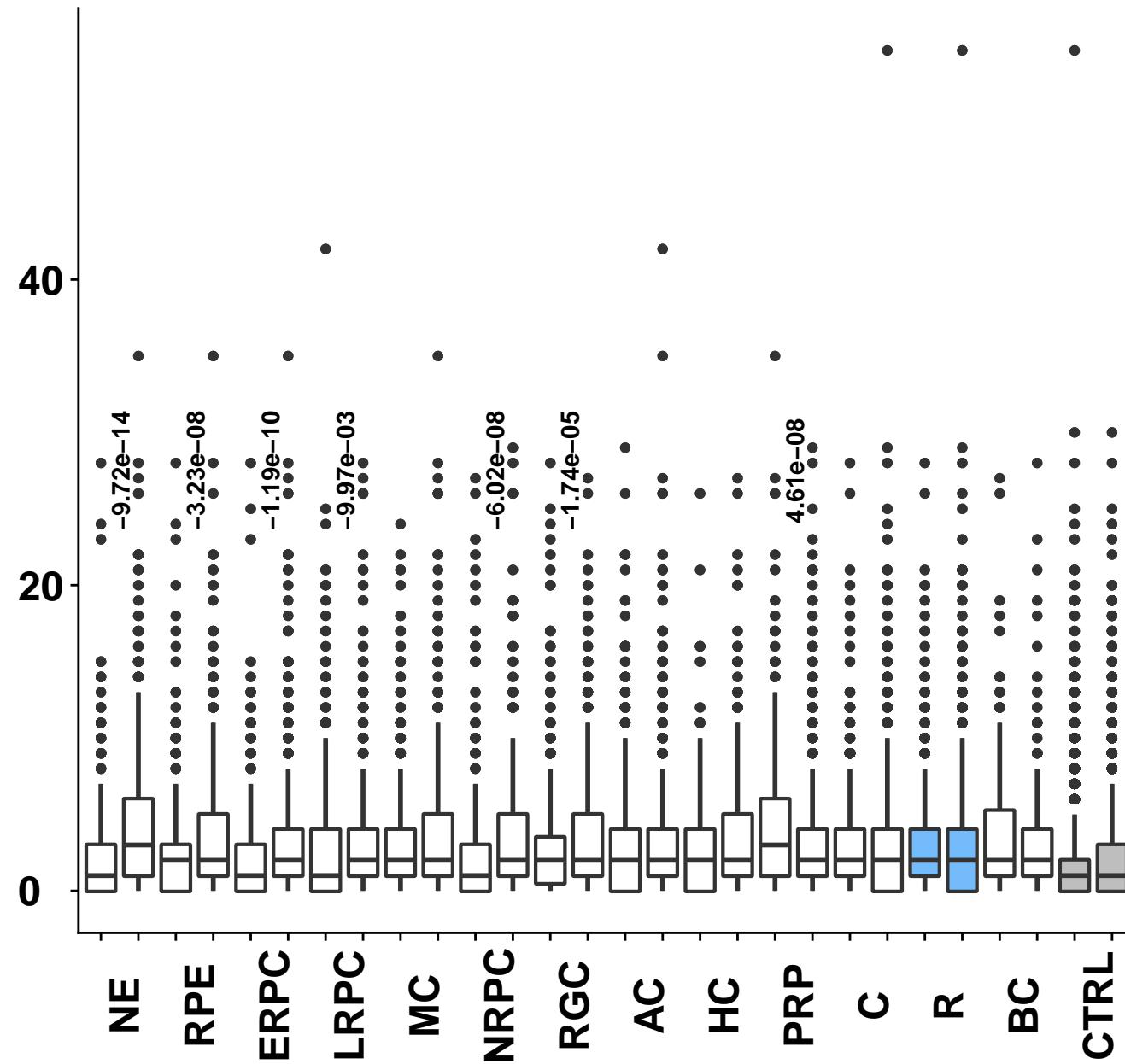
## Otx2\_2\_total



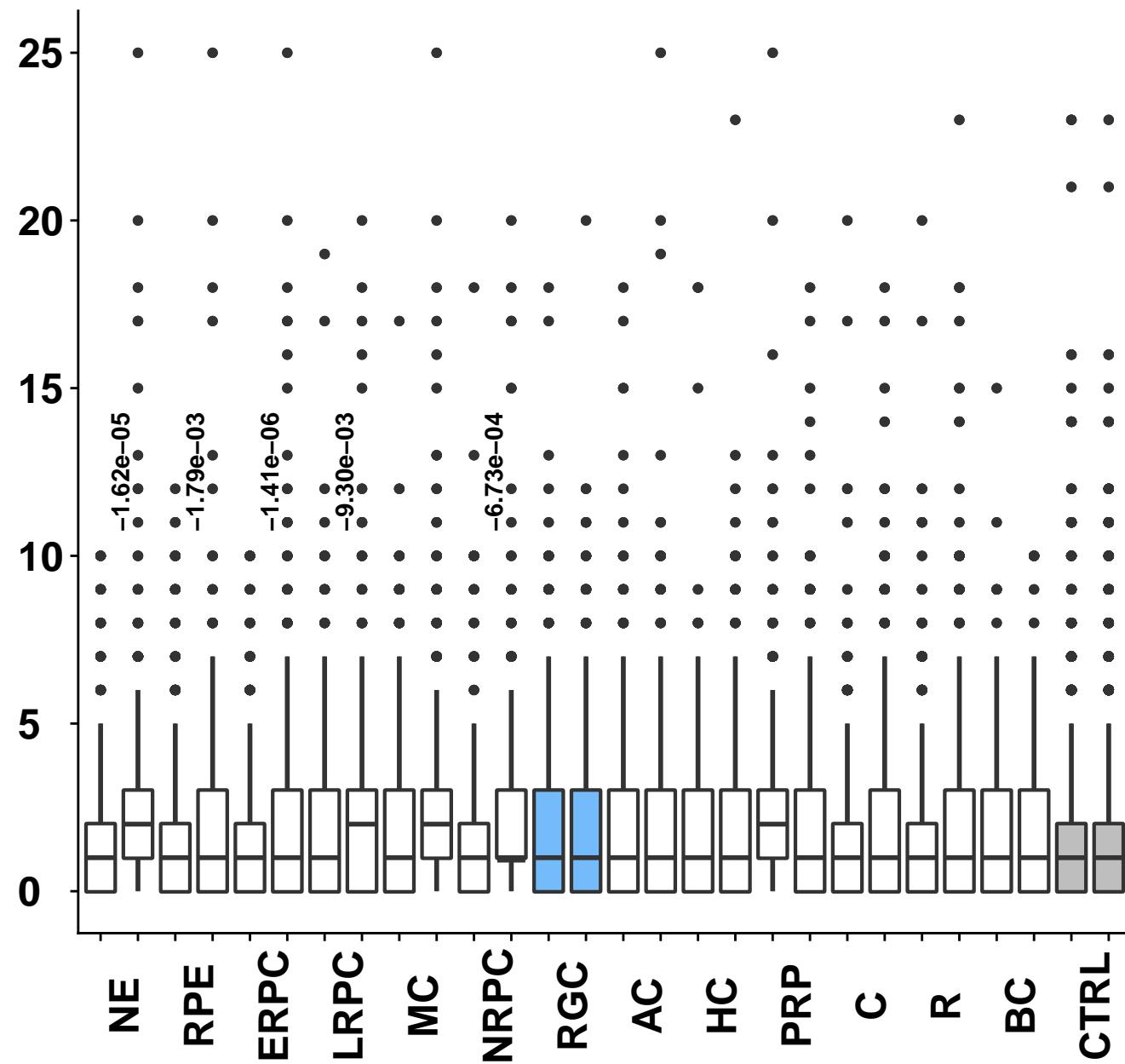
## Otx2\_3\_total



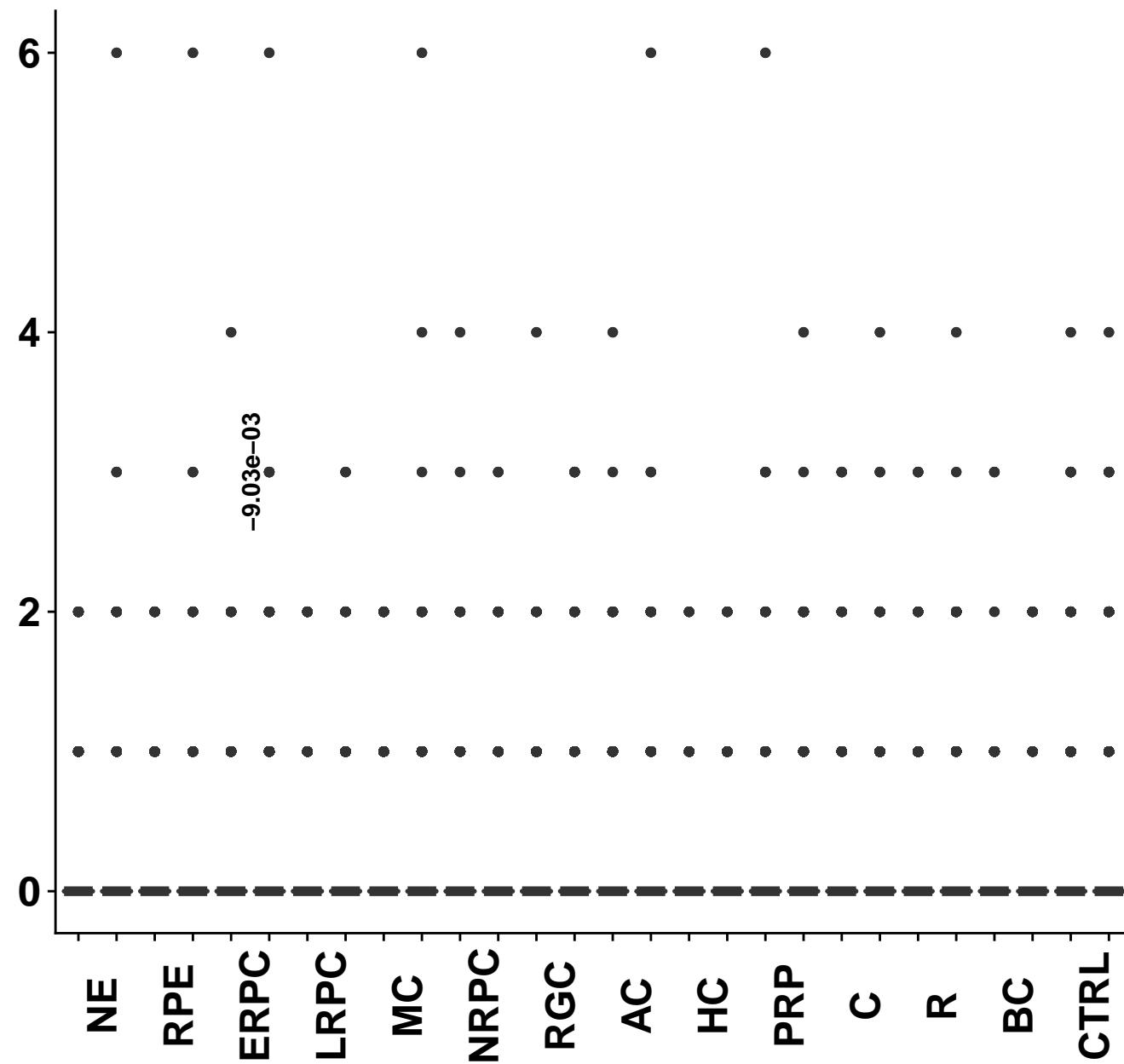
## Rorb\_1\_total



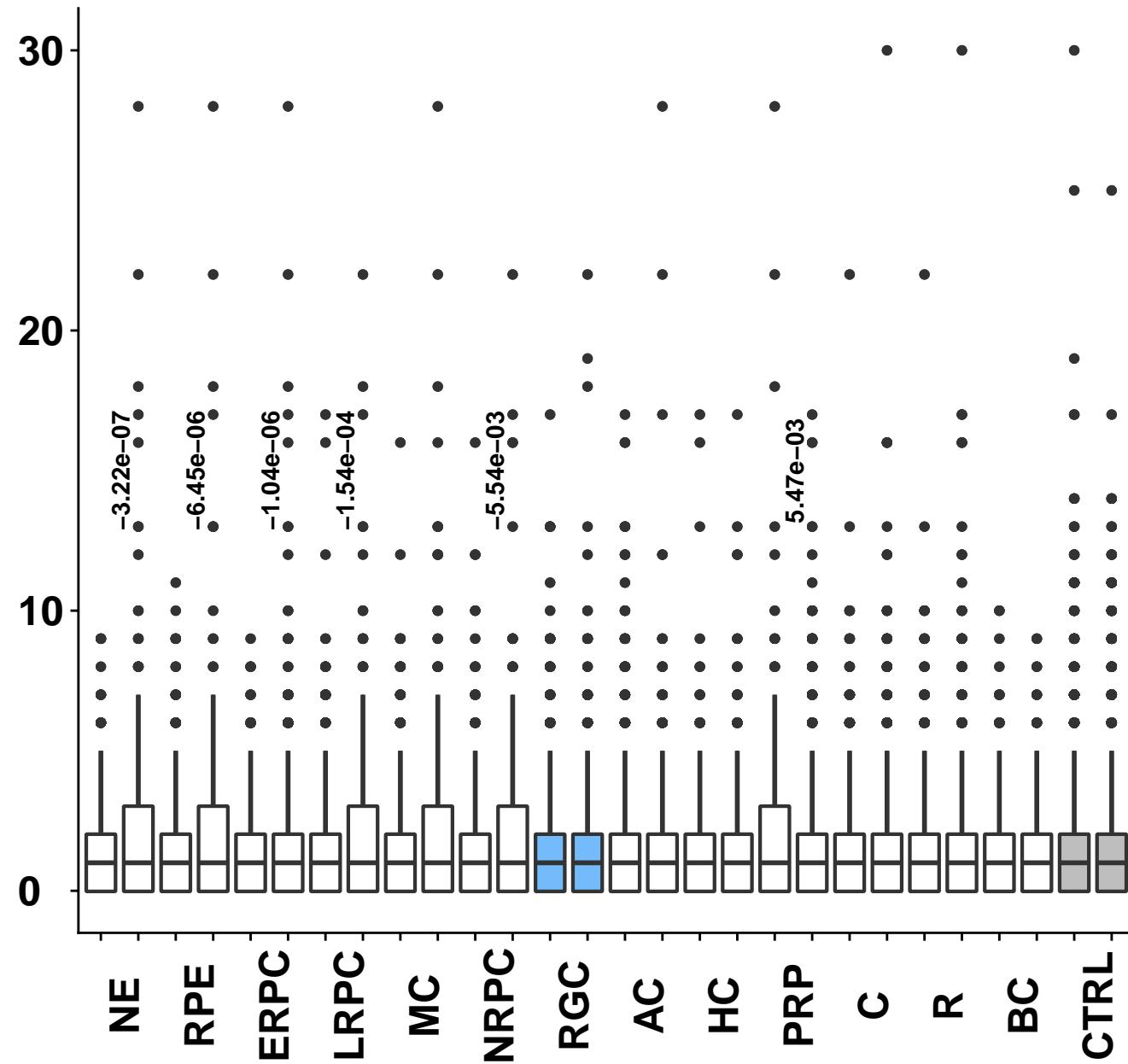
## Smad2\_1\_total



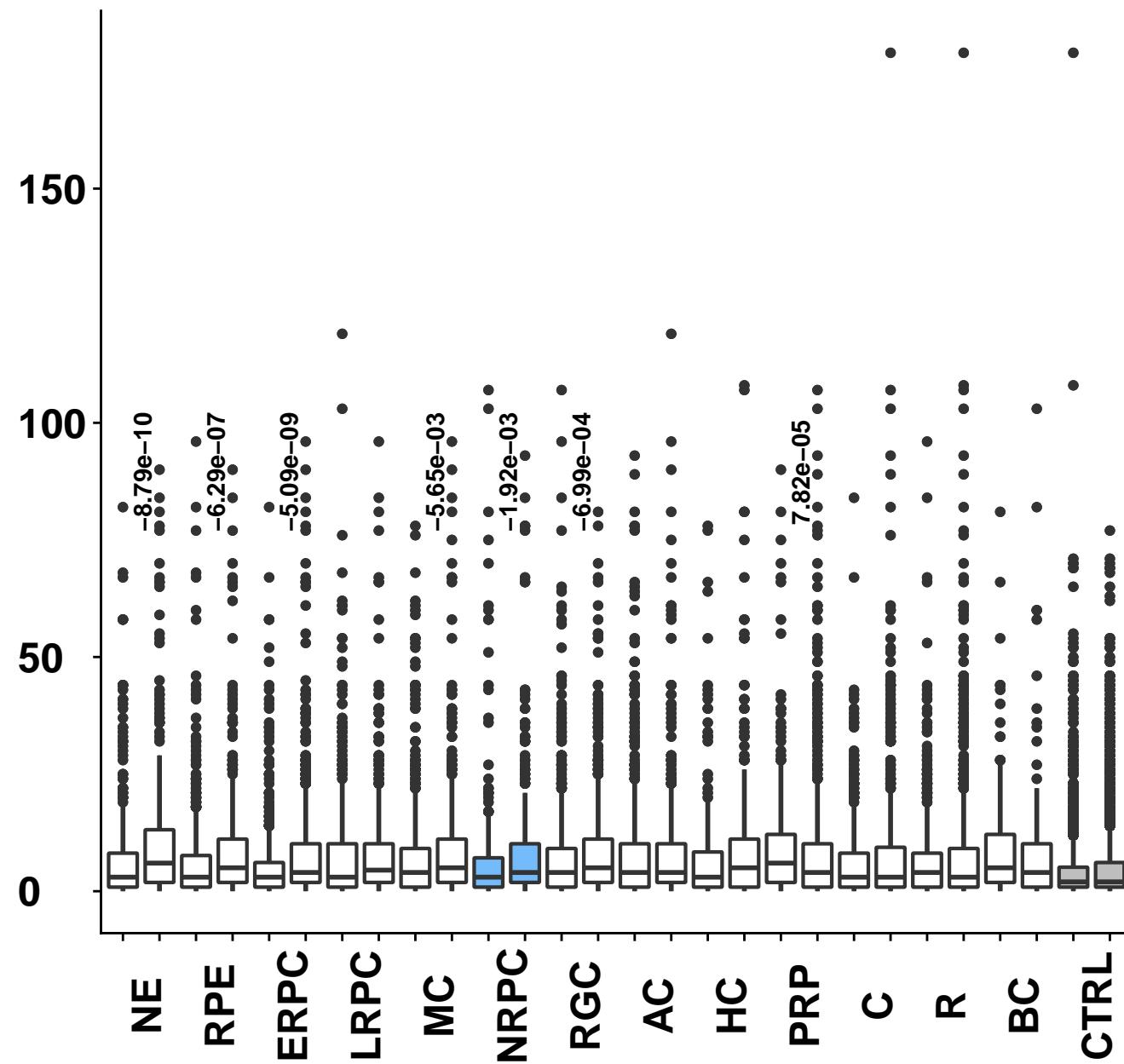
## Smad2\_2\_total



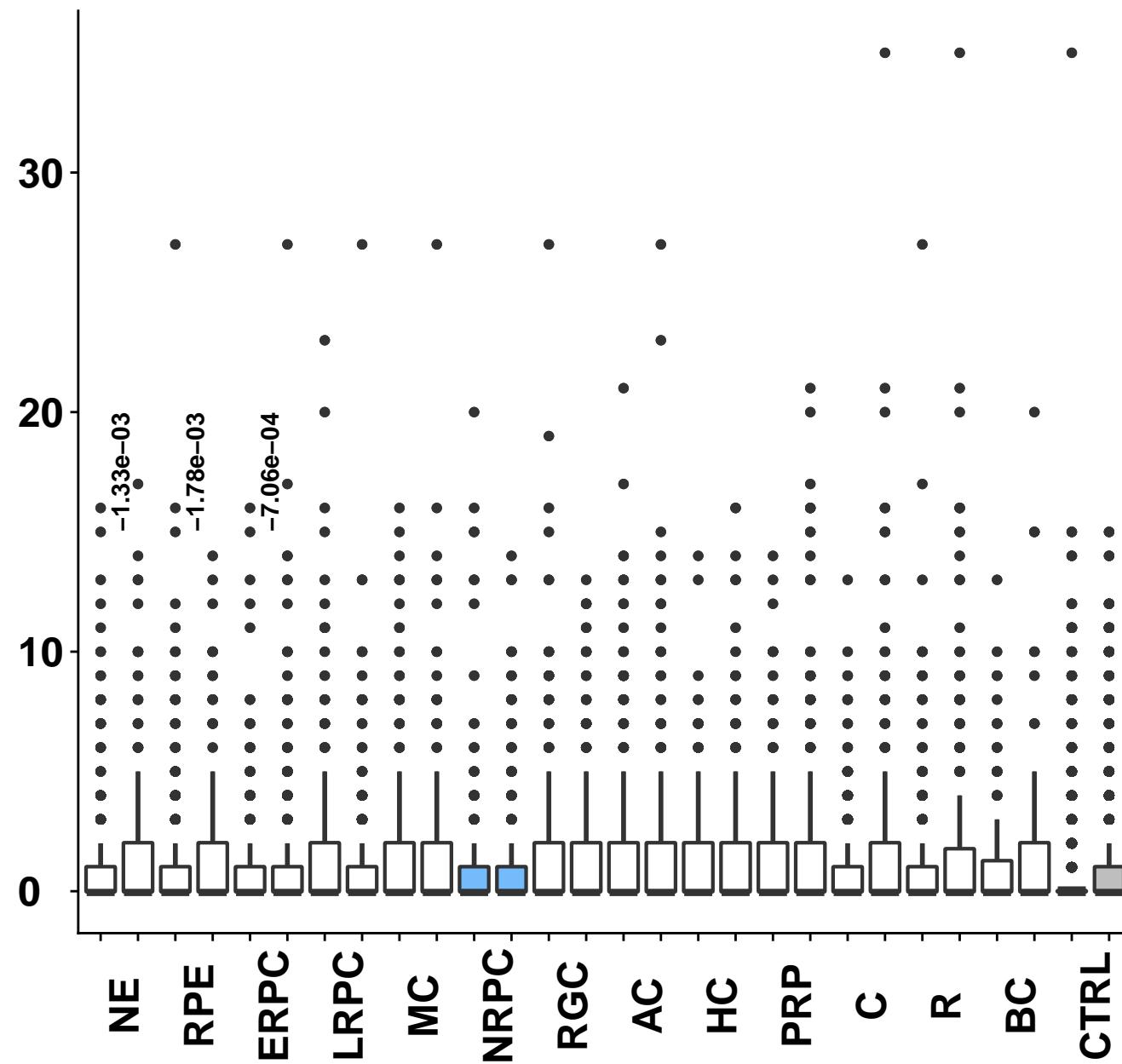
## Smad2\_3\_total



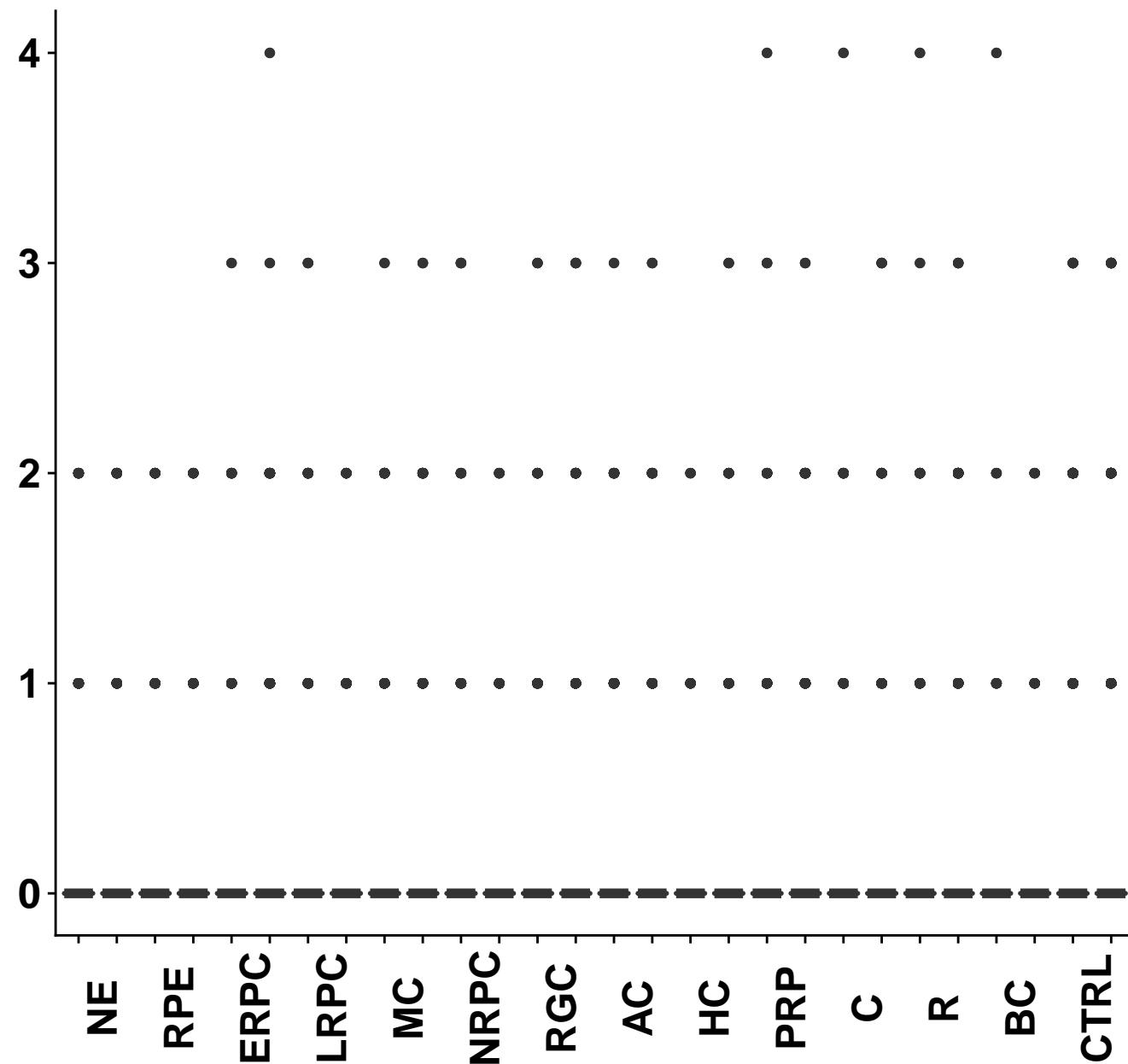
## Dlx2\_1\_total



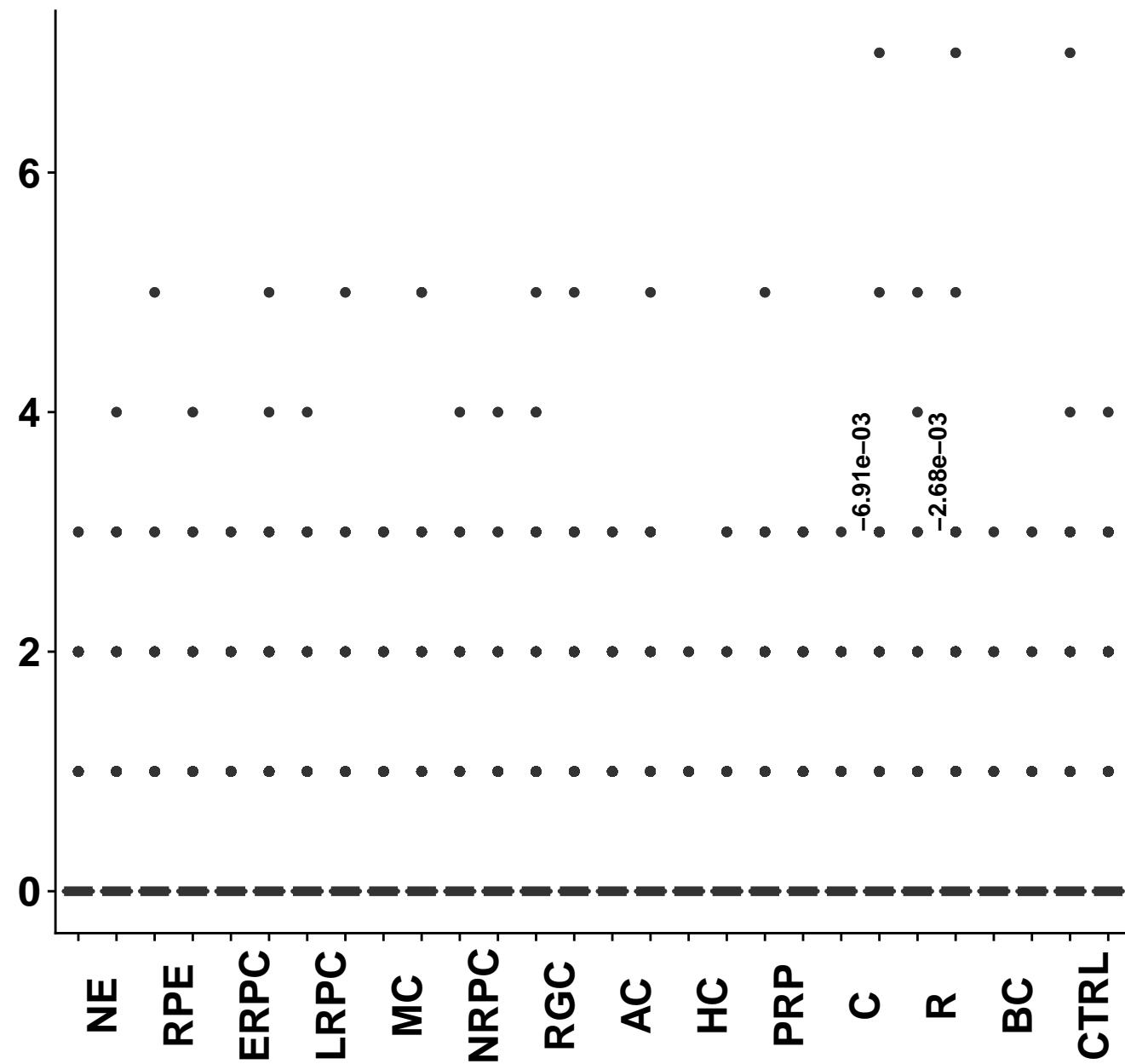
## Dlx2\_2\_total



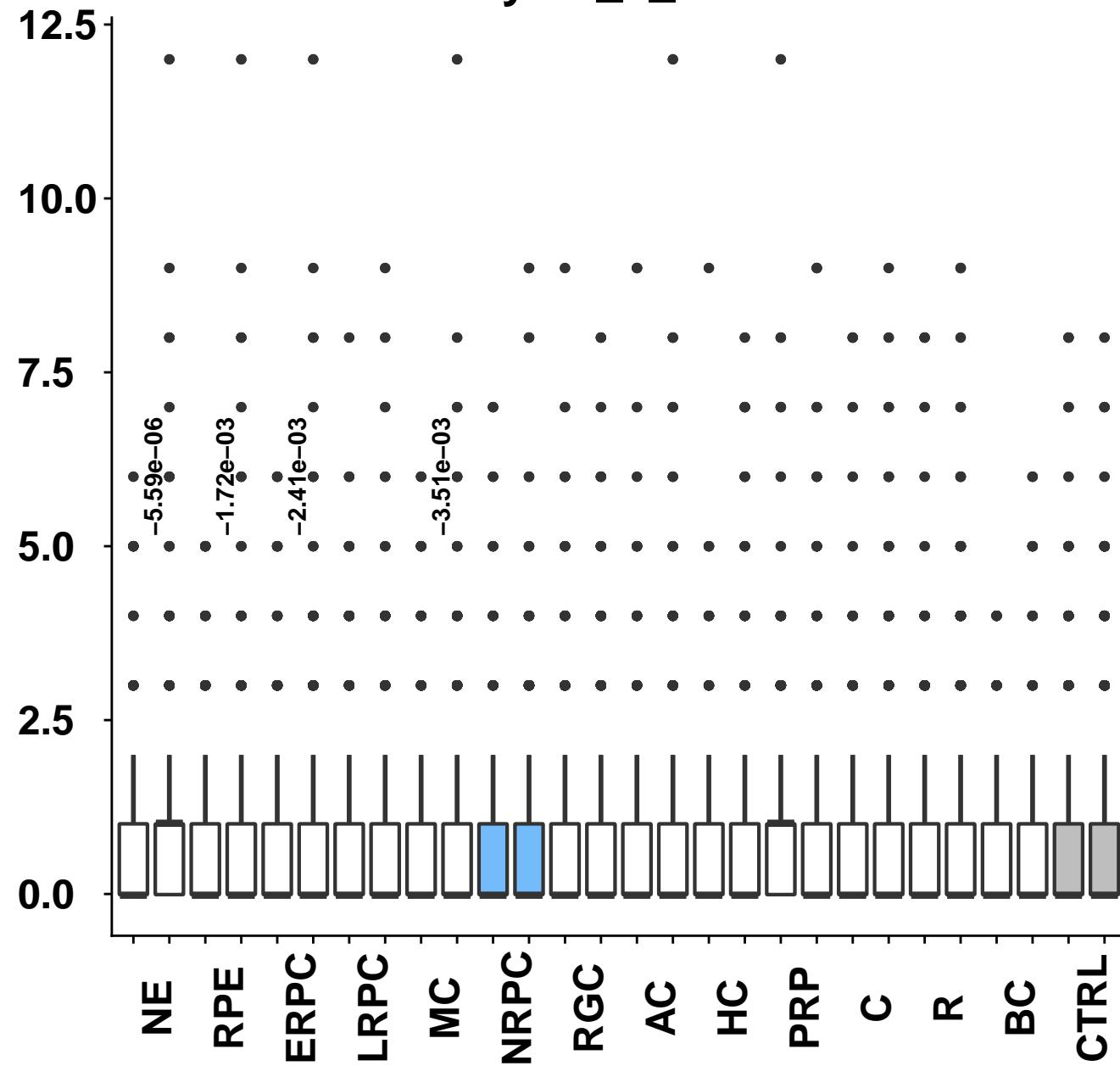
## **Mybl1\_1\_total**



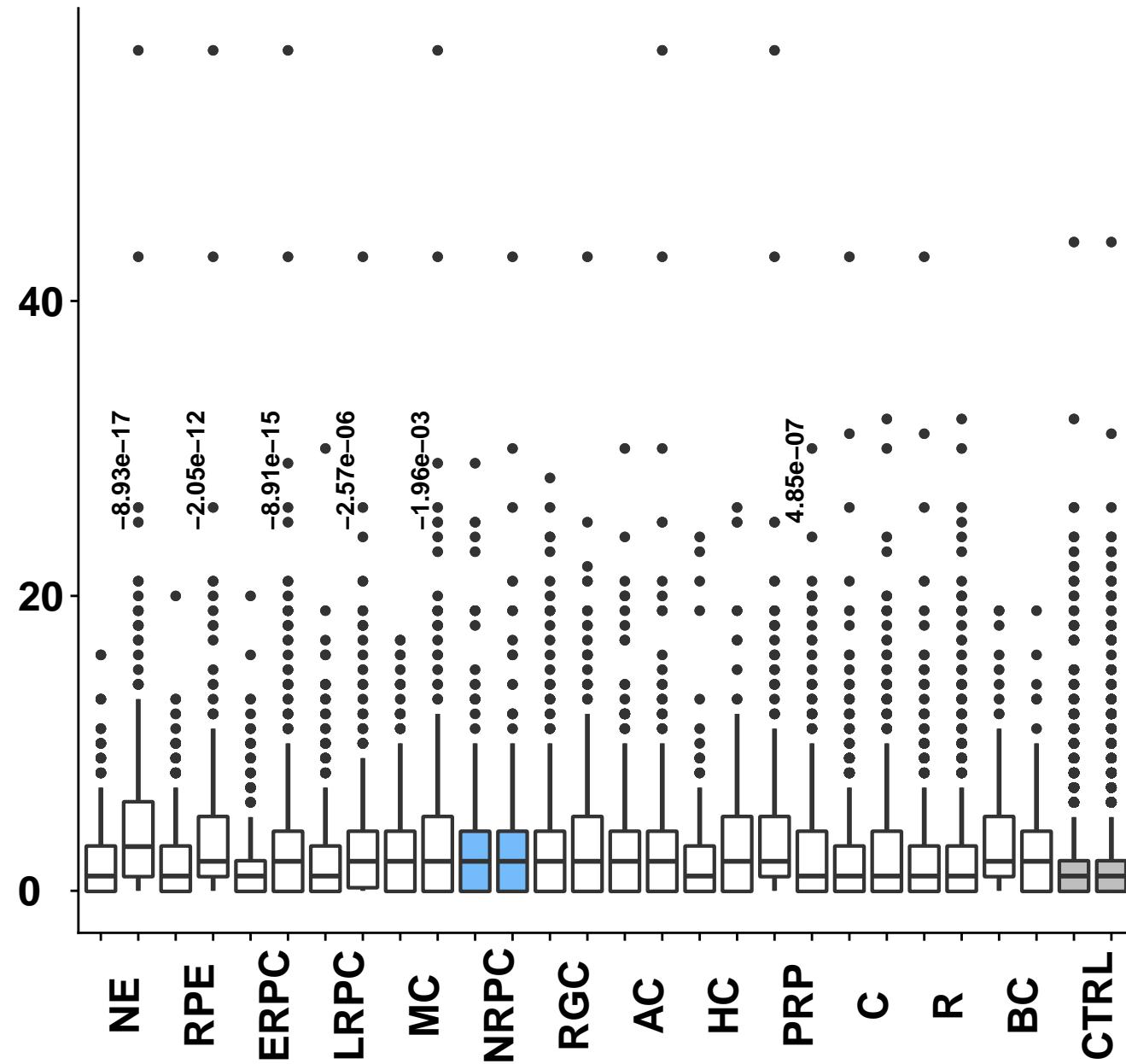
## Mybl1\_2\_total



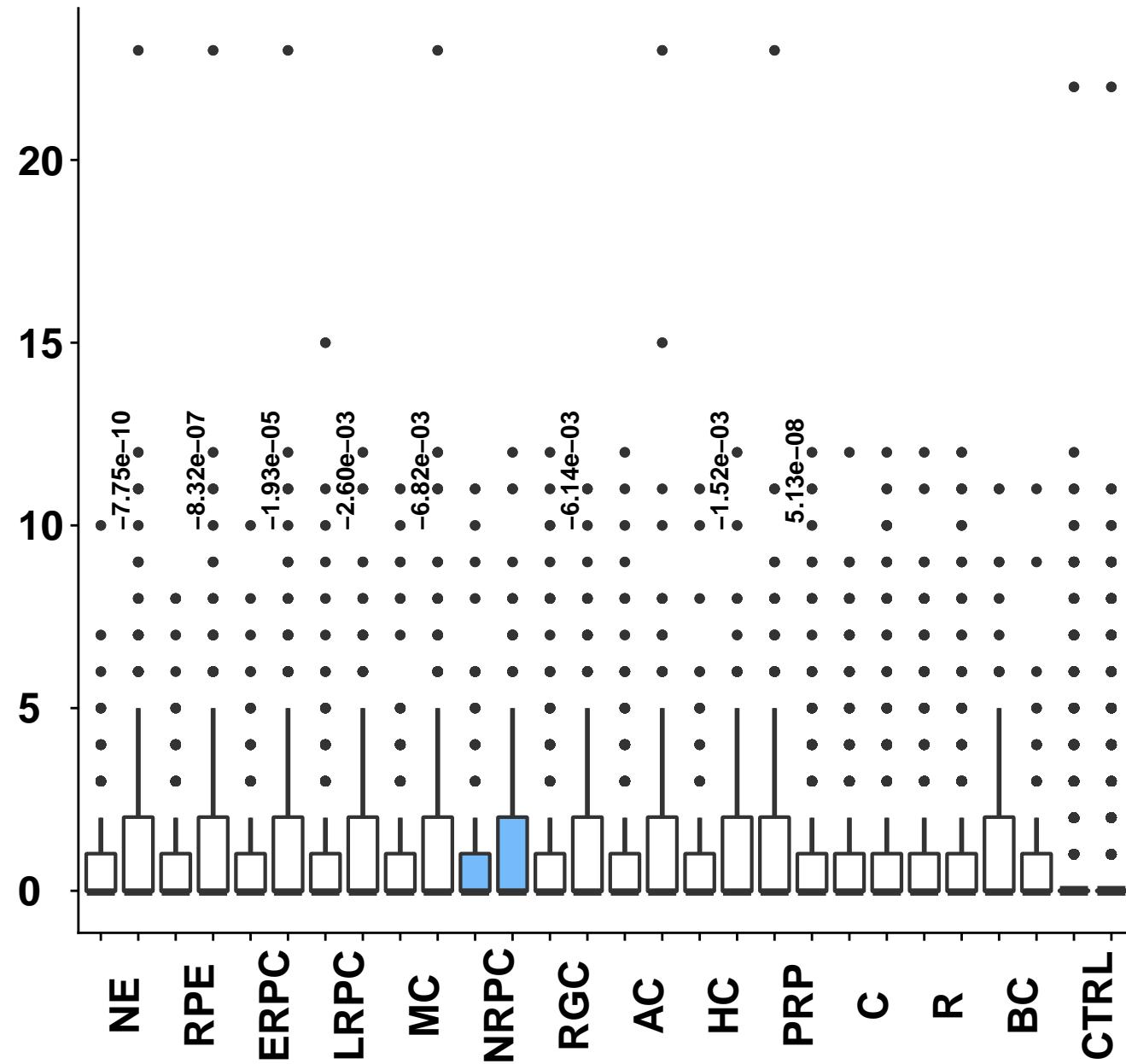
### MybI1\_3\_total



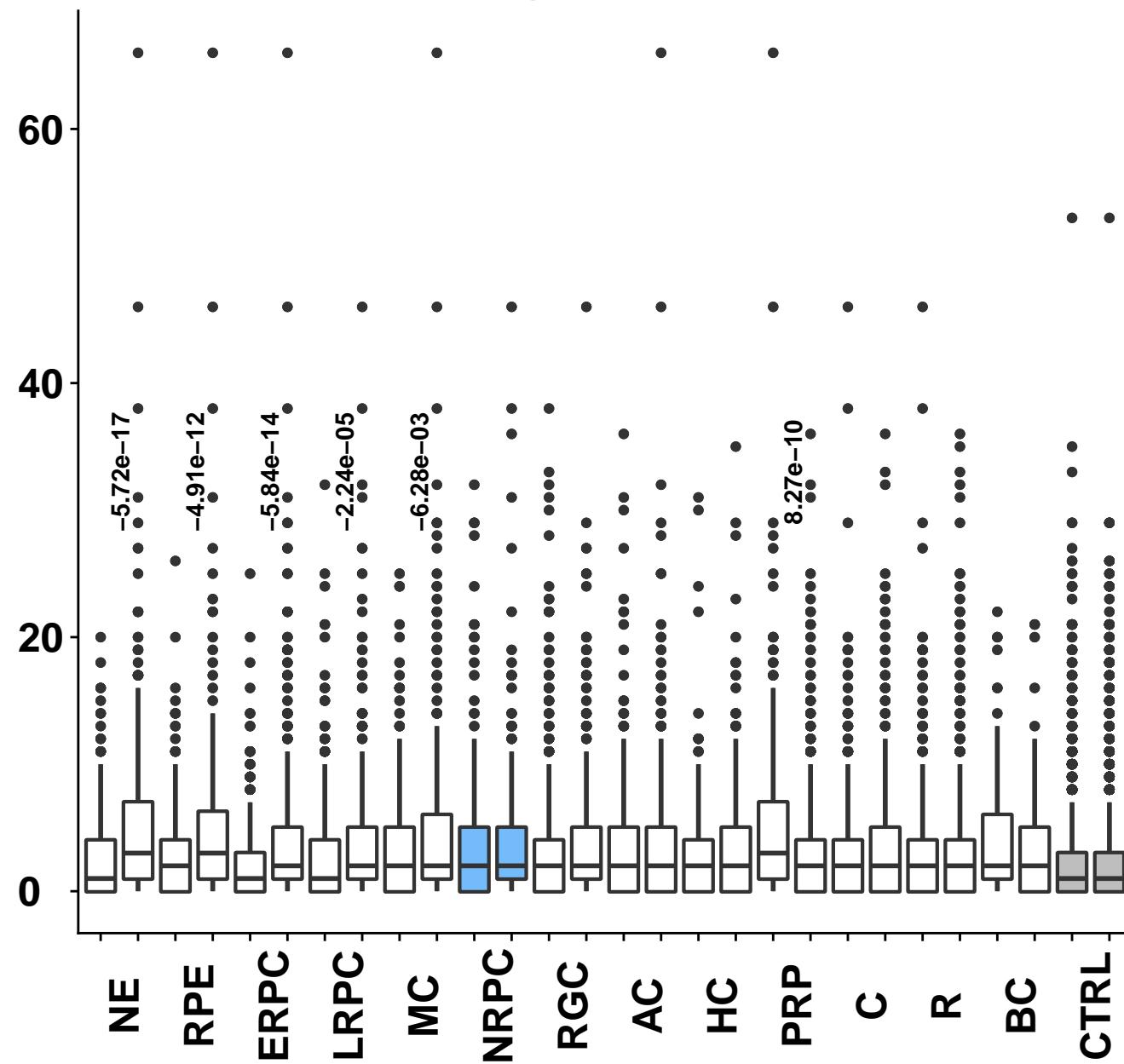
## Neurog2\_1\_total



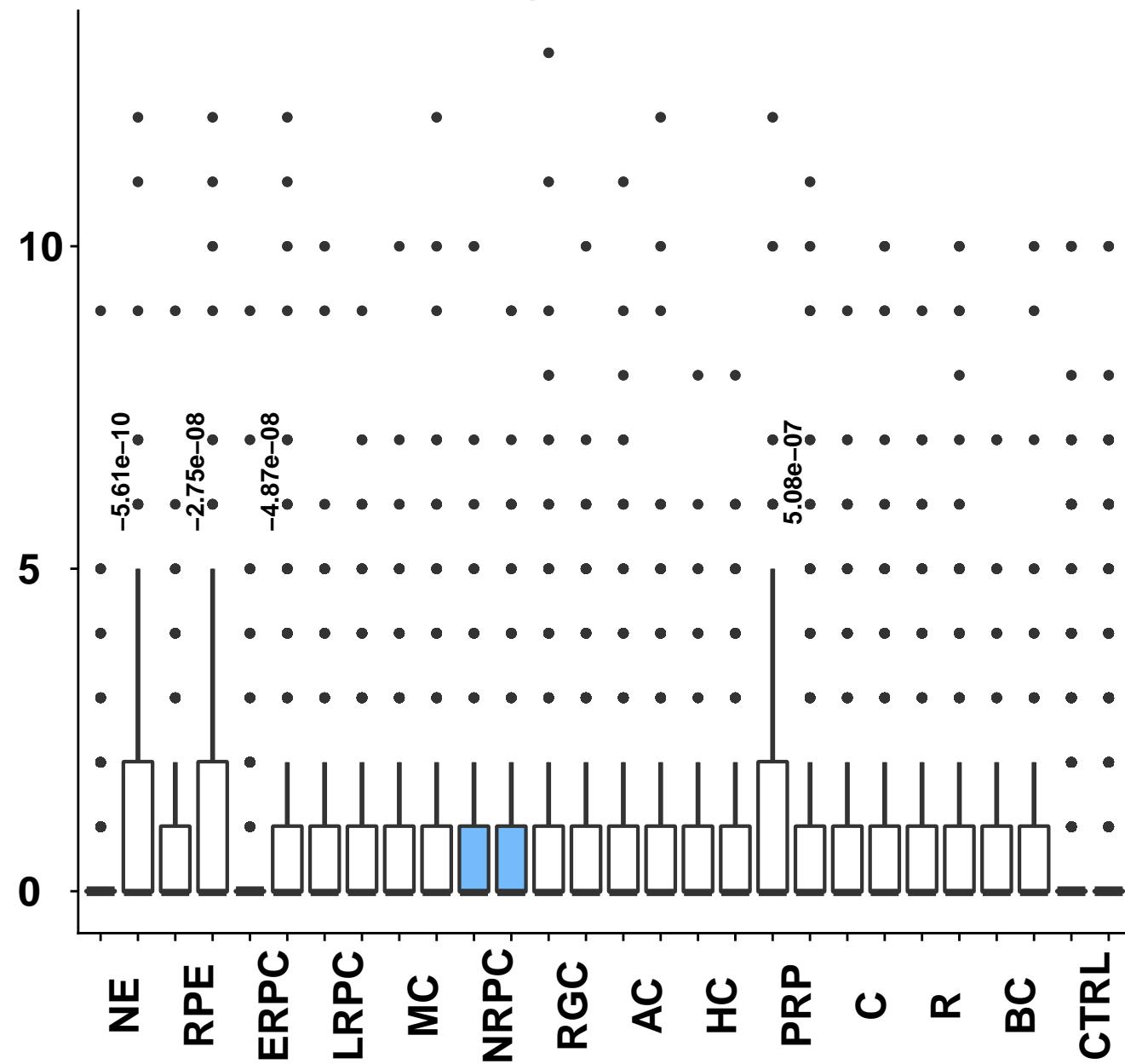
## Neurog2\_2\_total



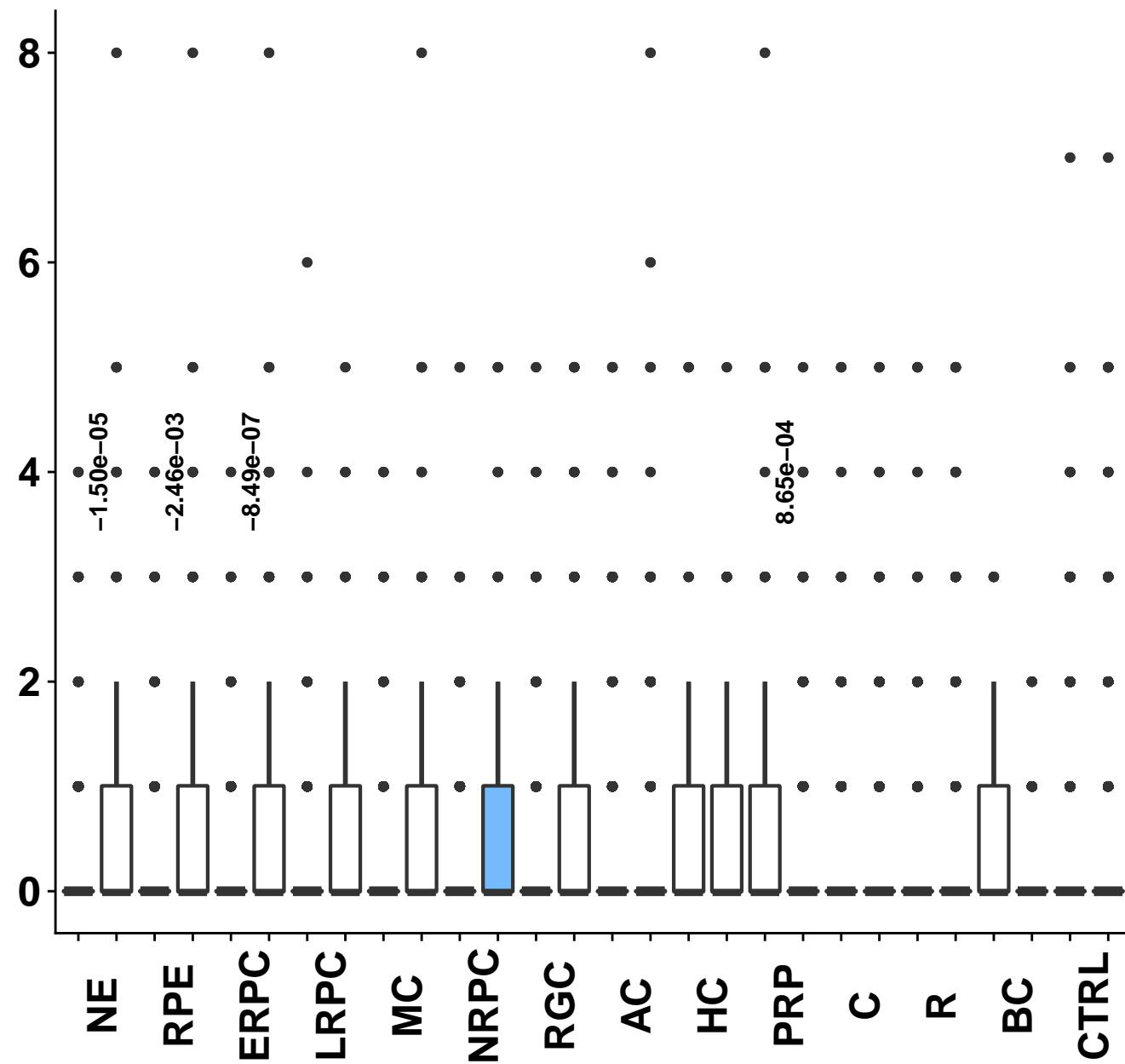
## Olig2\_1\_total



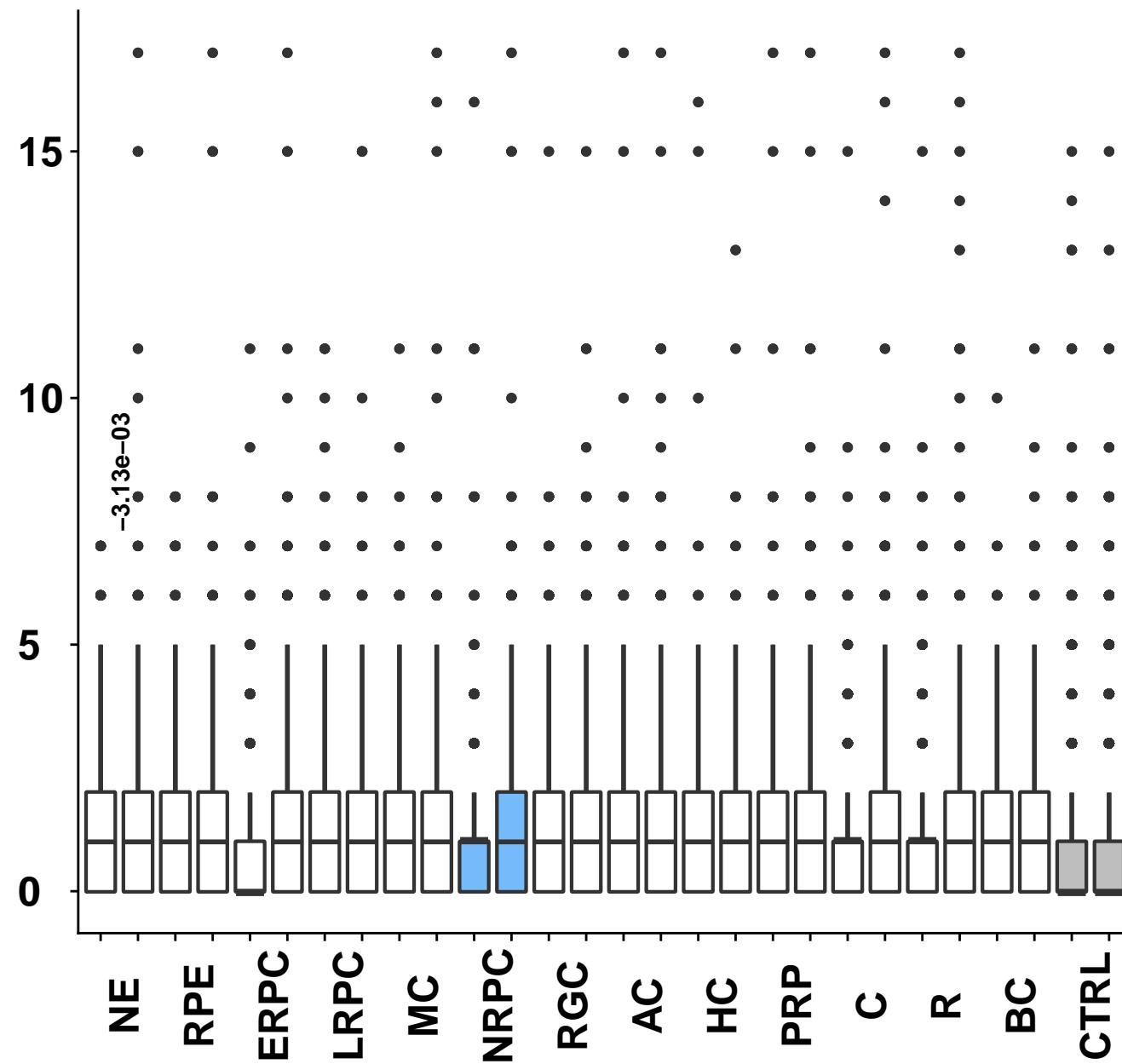
## Olig2\_2\_total



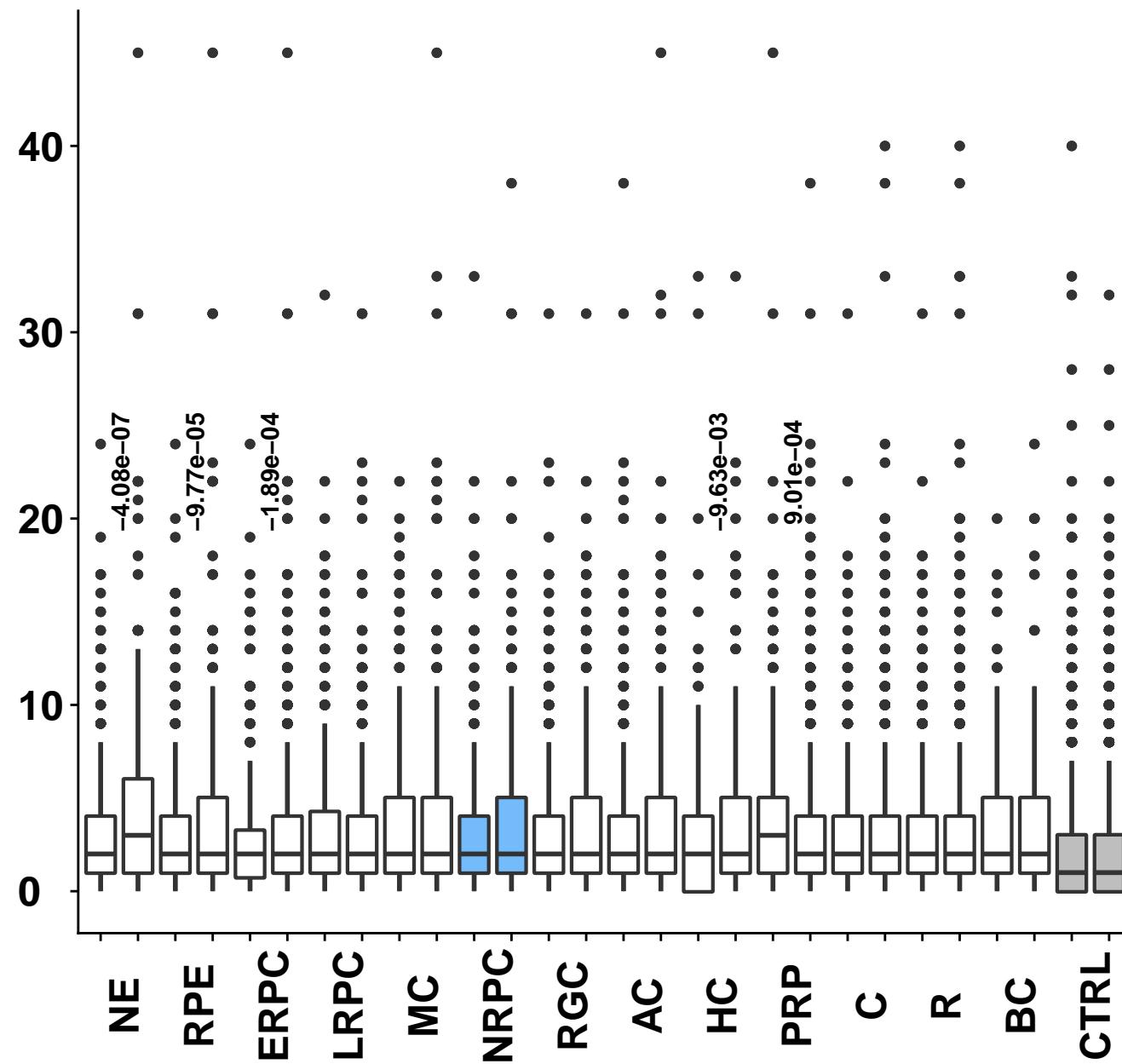
## Rbpj\_1\_total



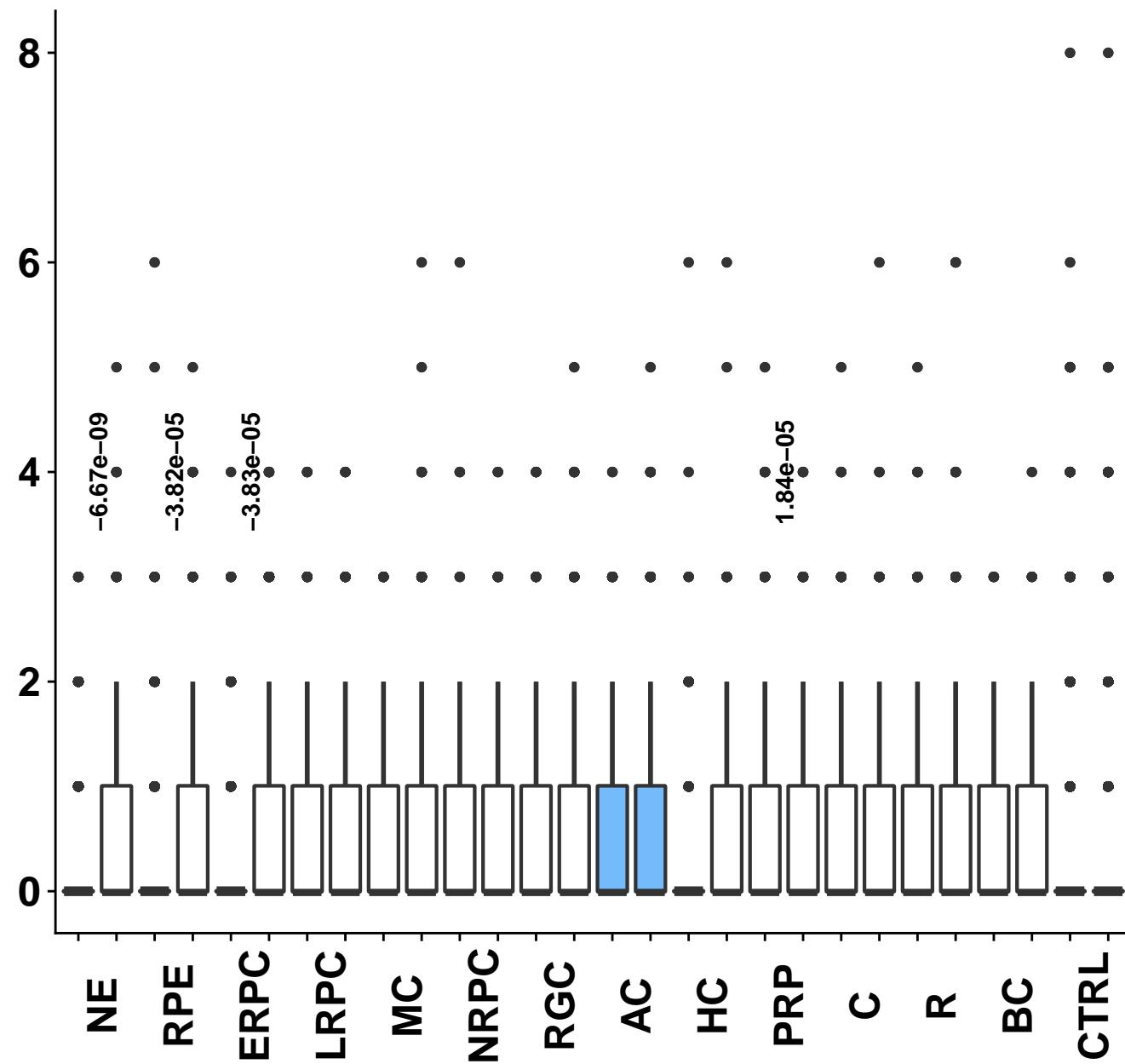
## Rbpj\_2\_total



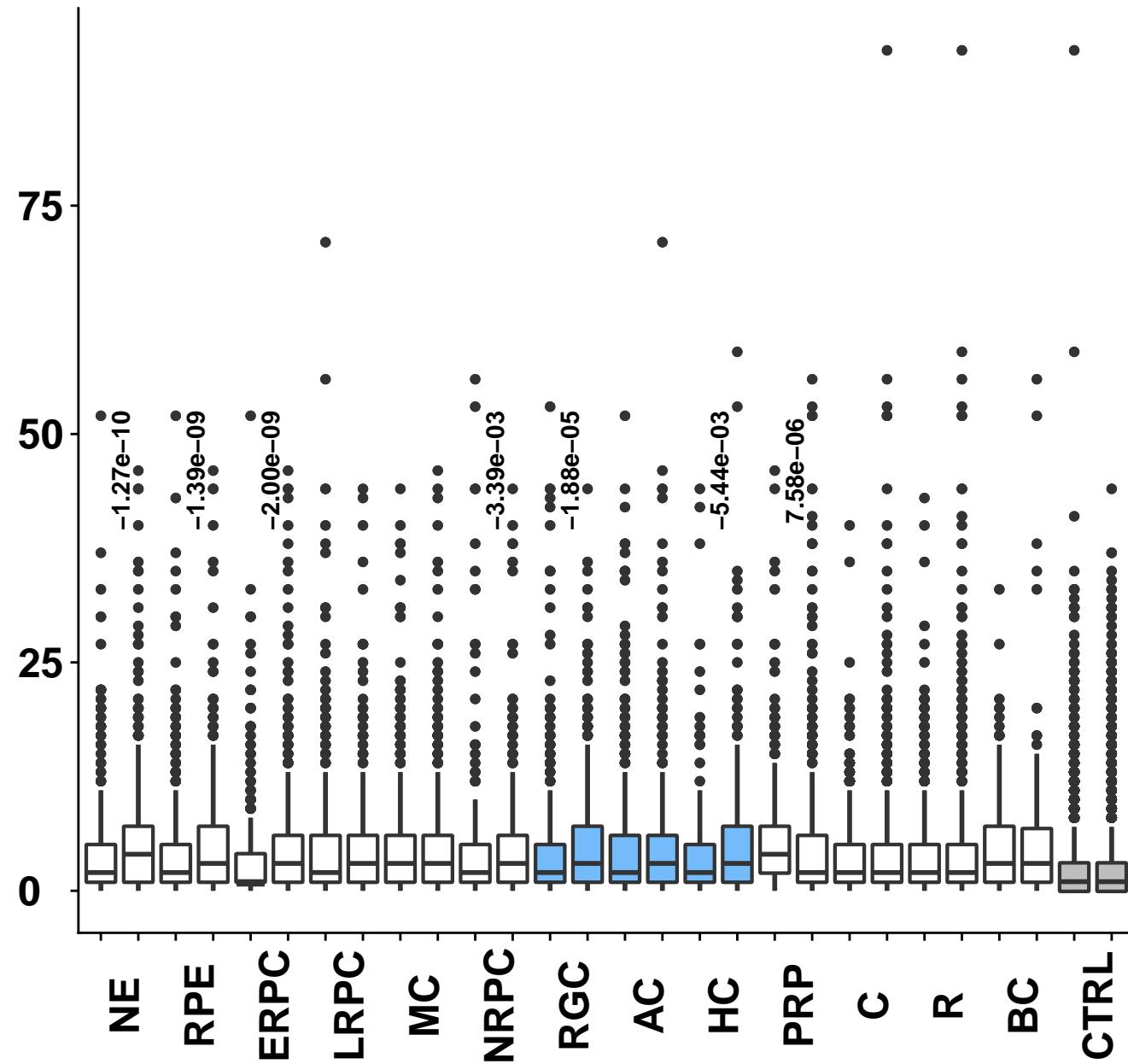
## Rbpj\_3\_total



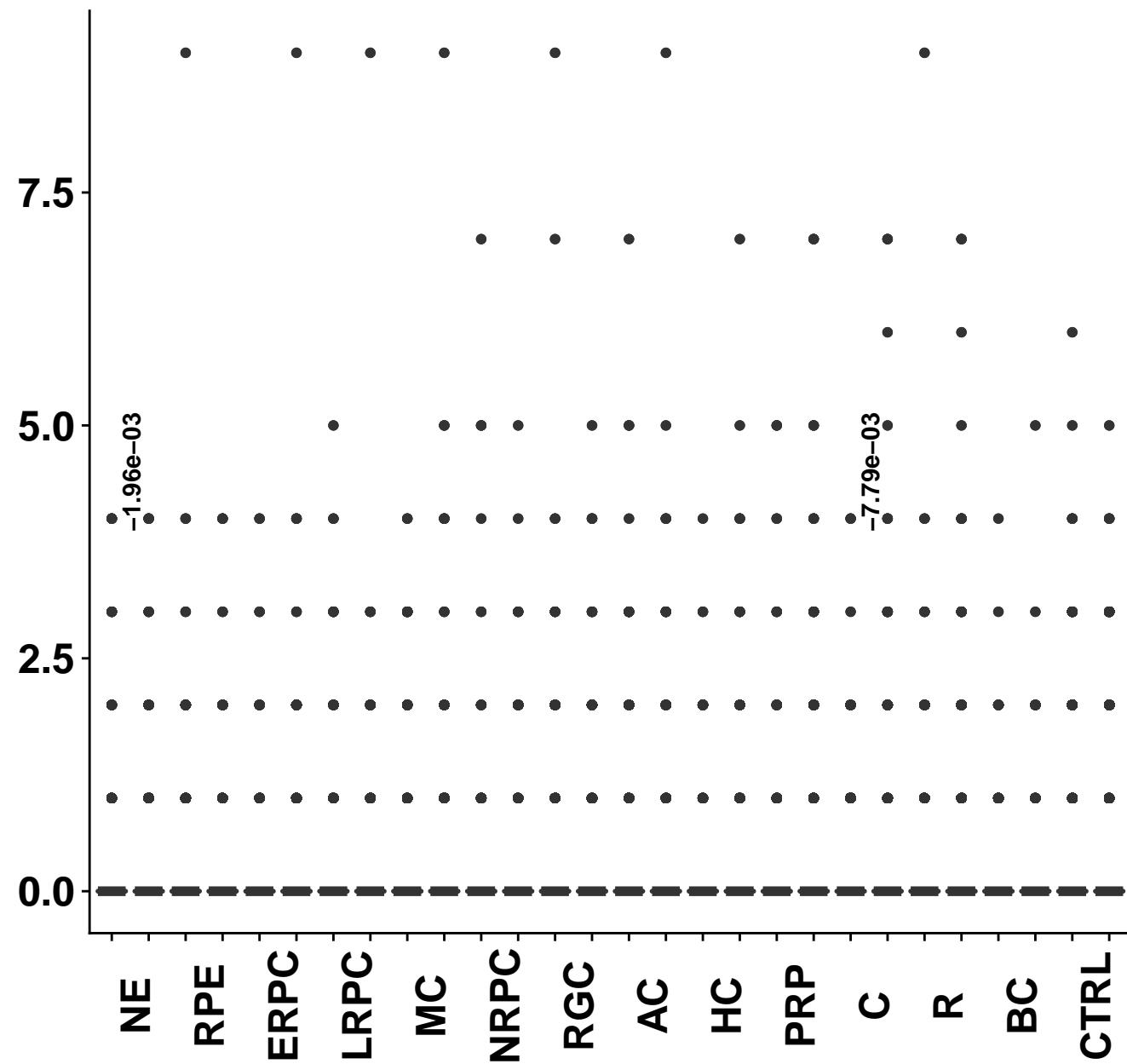
## Thra\_1\_total



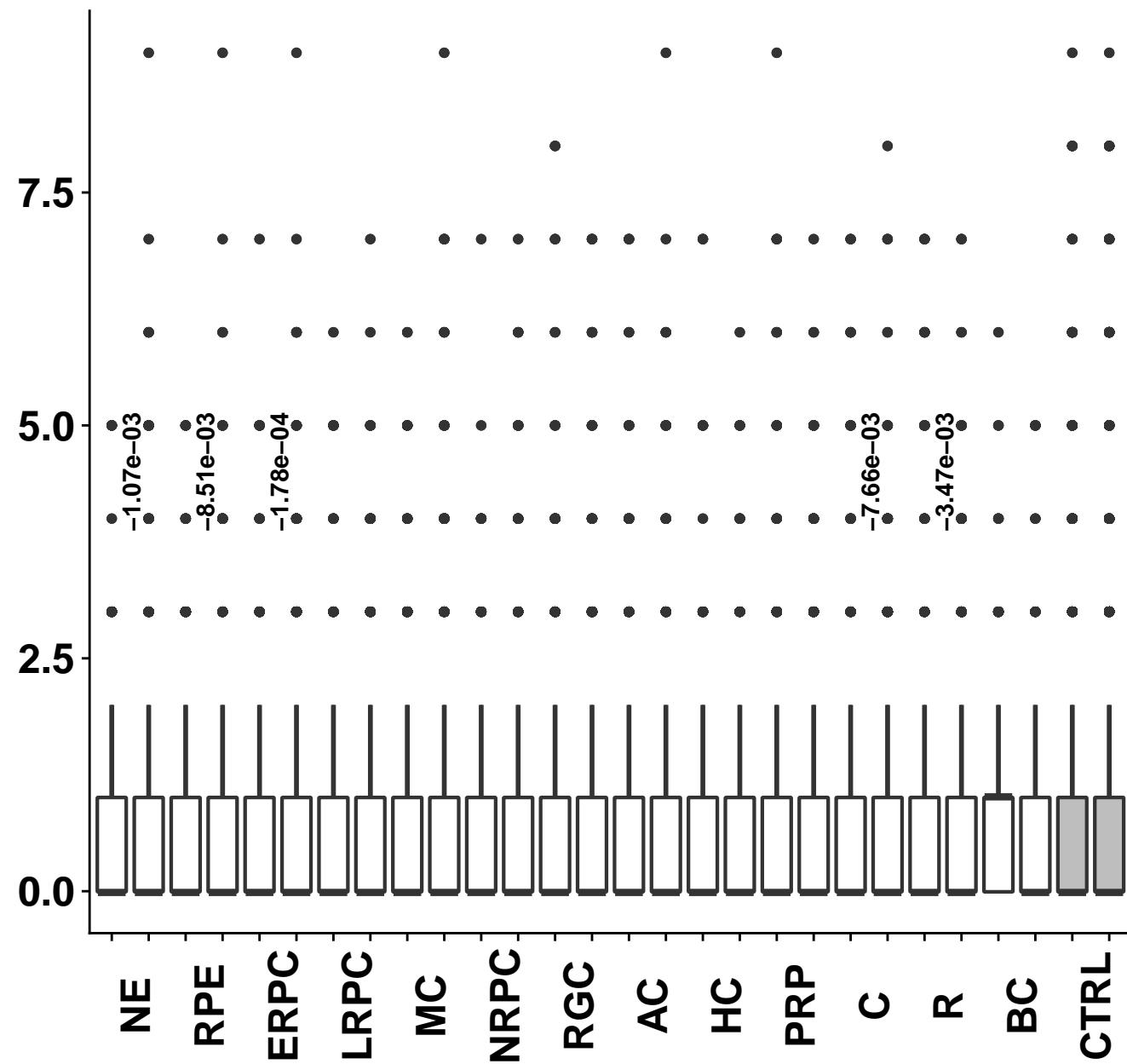
## Barhl2\_1\_total



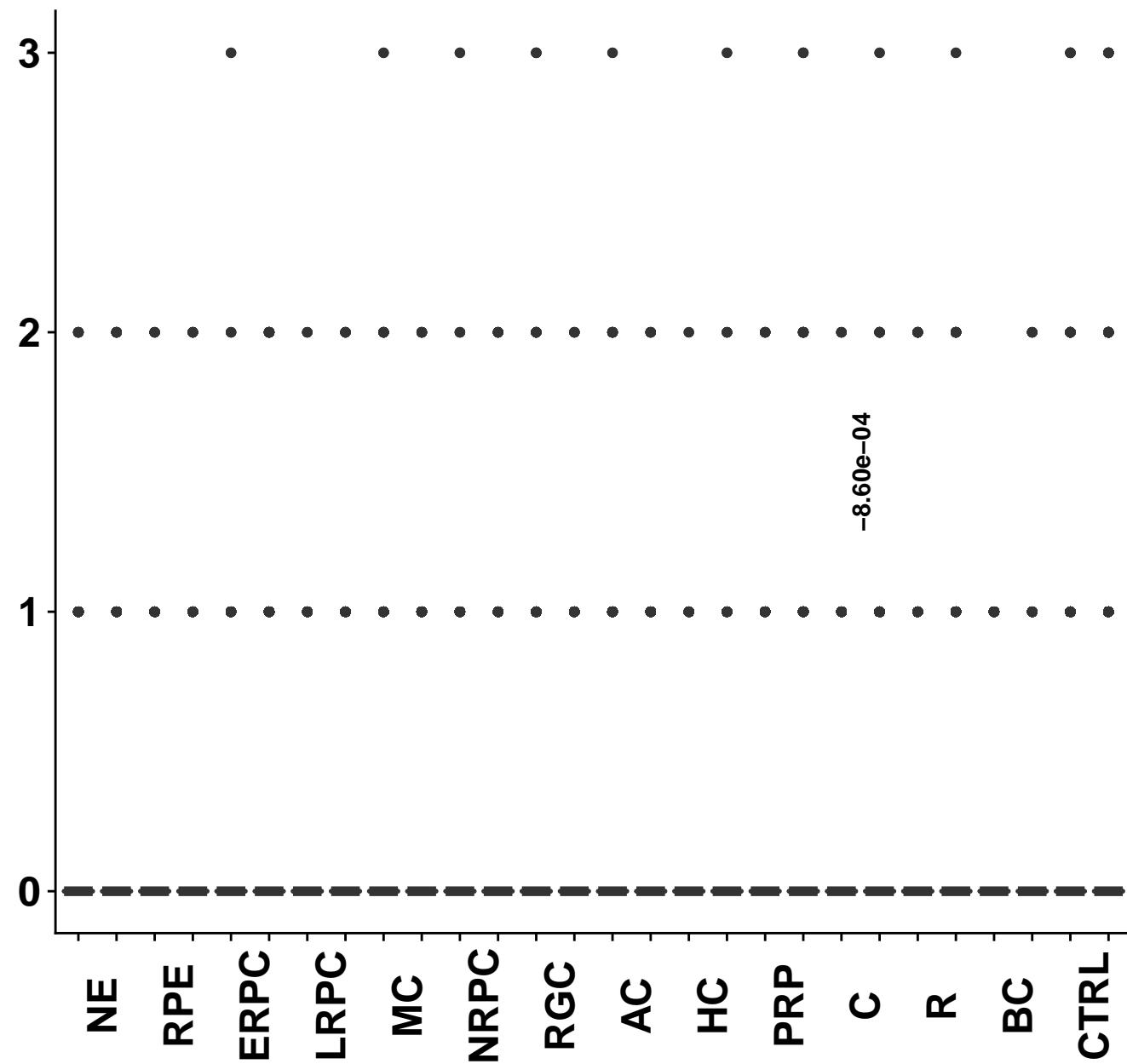
## Barhl2\_2\_total



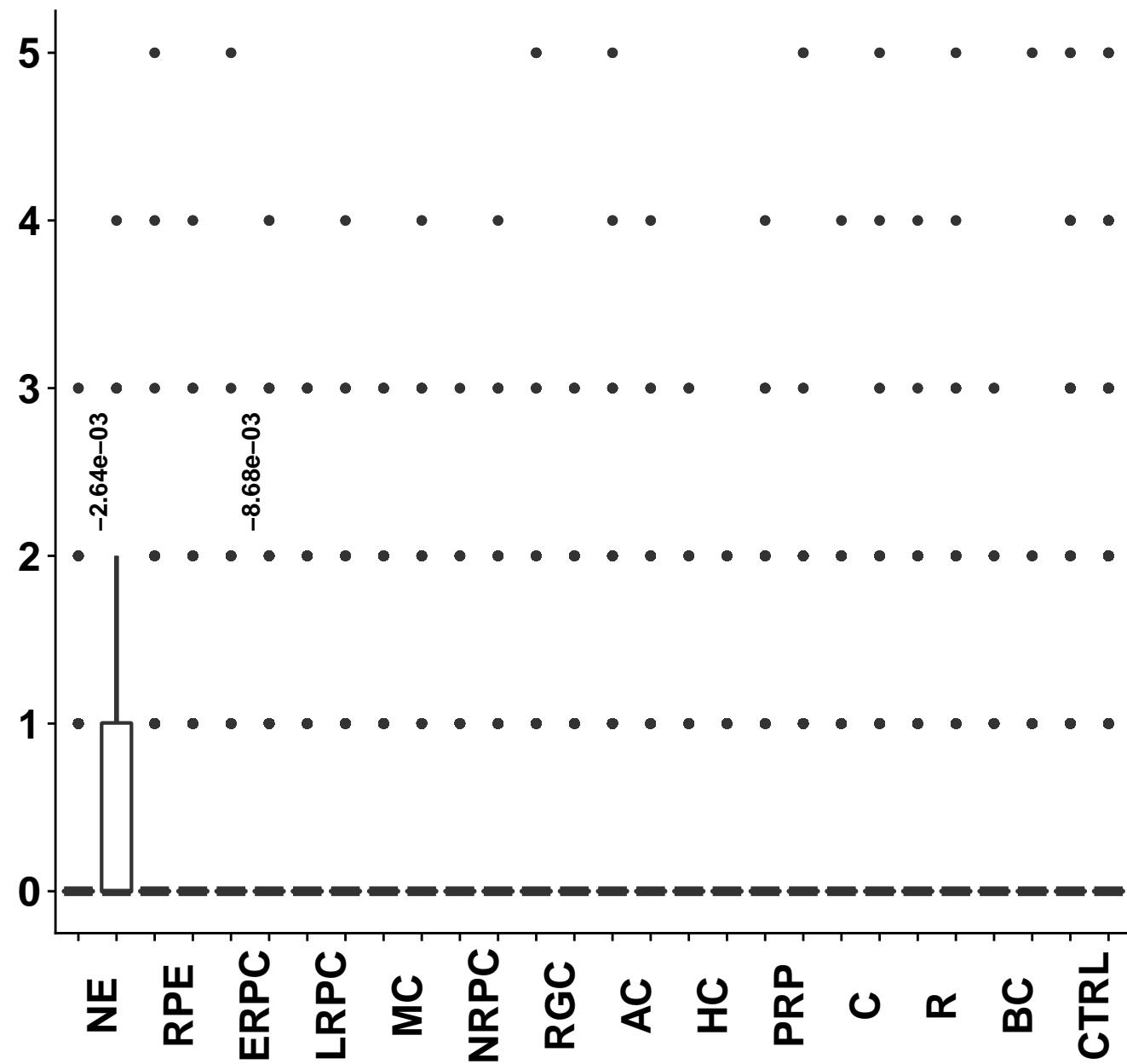
## Bcl11a\_1\_total



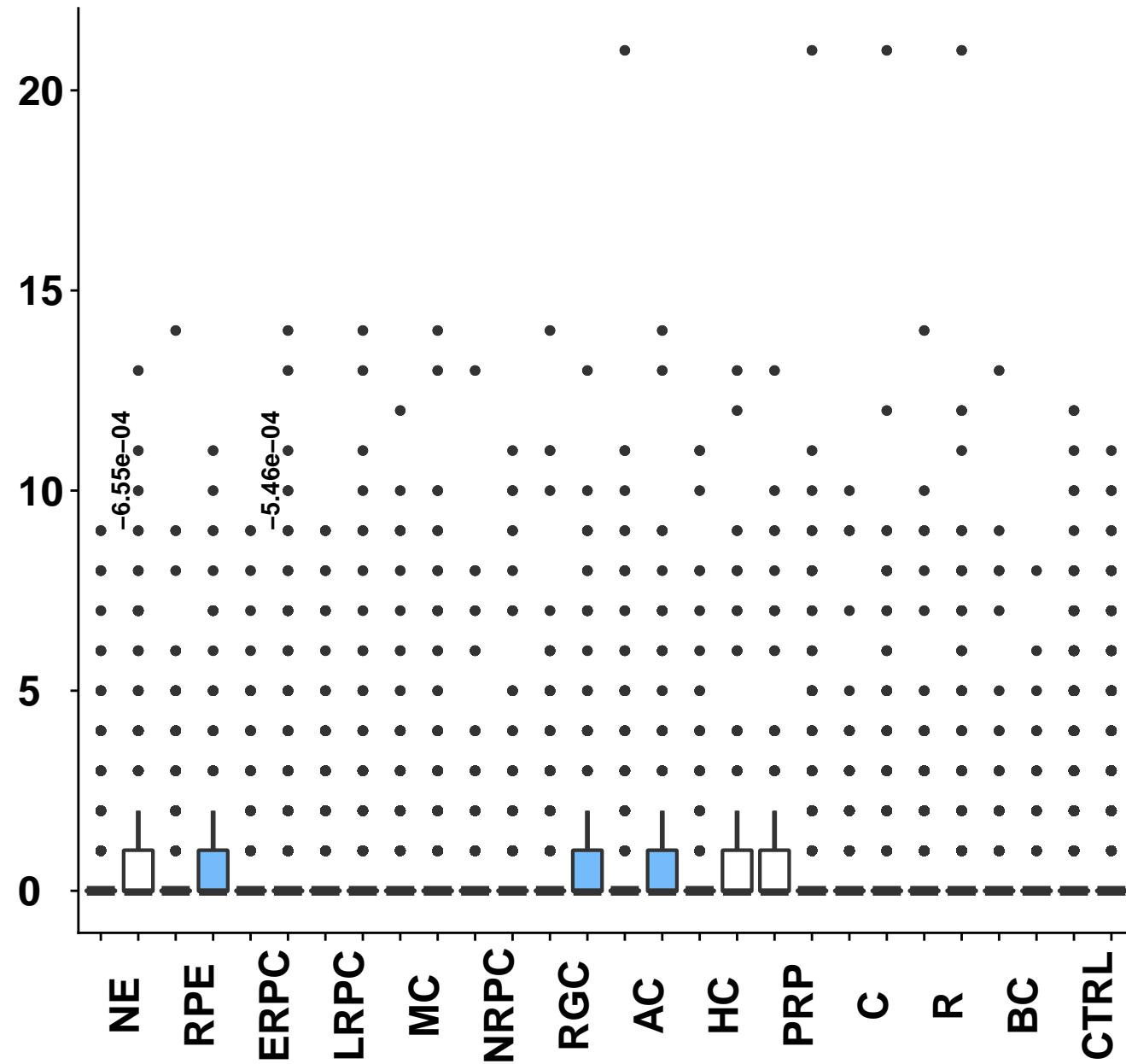
## Pax6\_1\_total



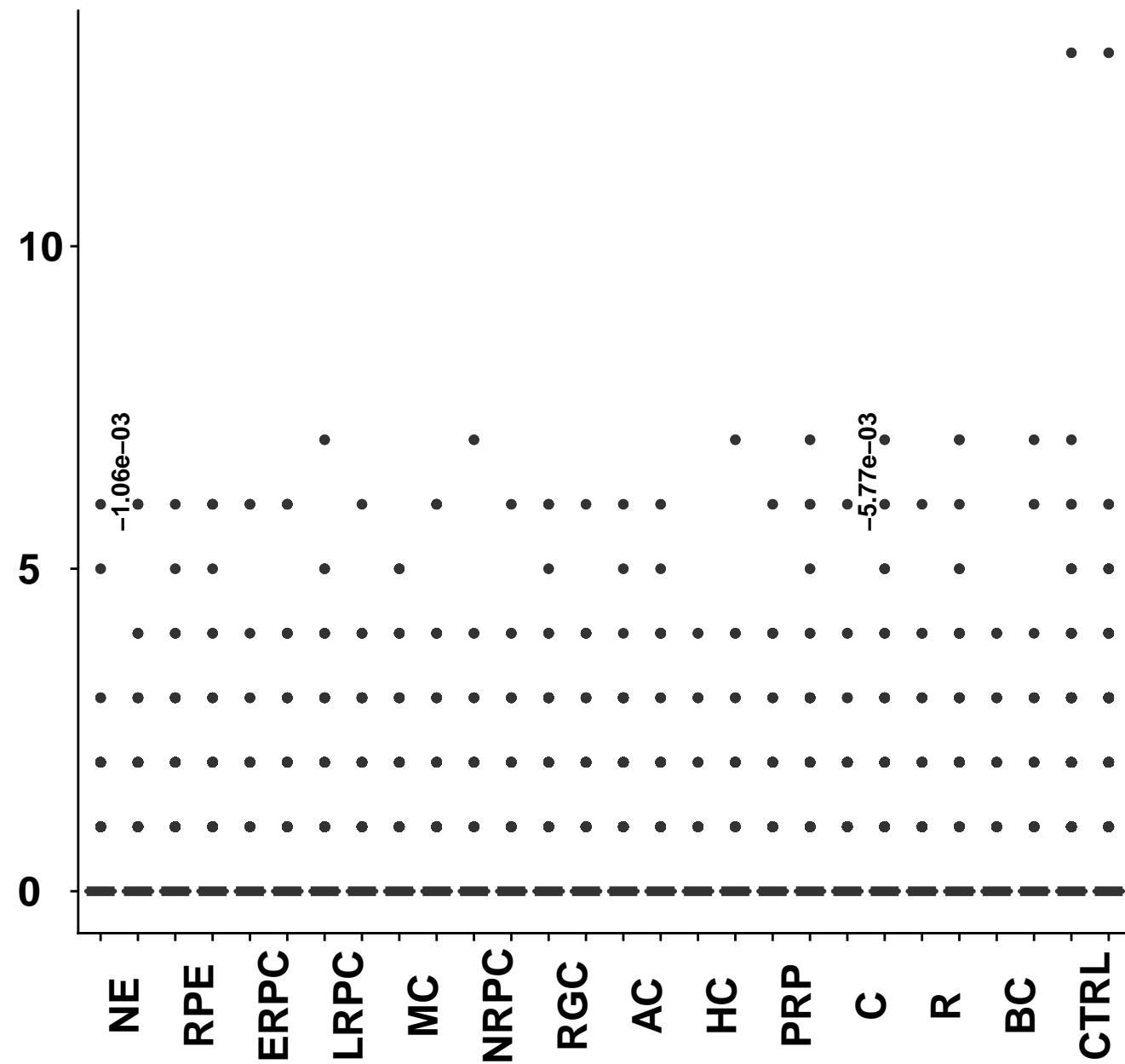
## Pax6\_2\_total



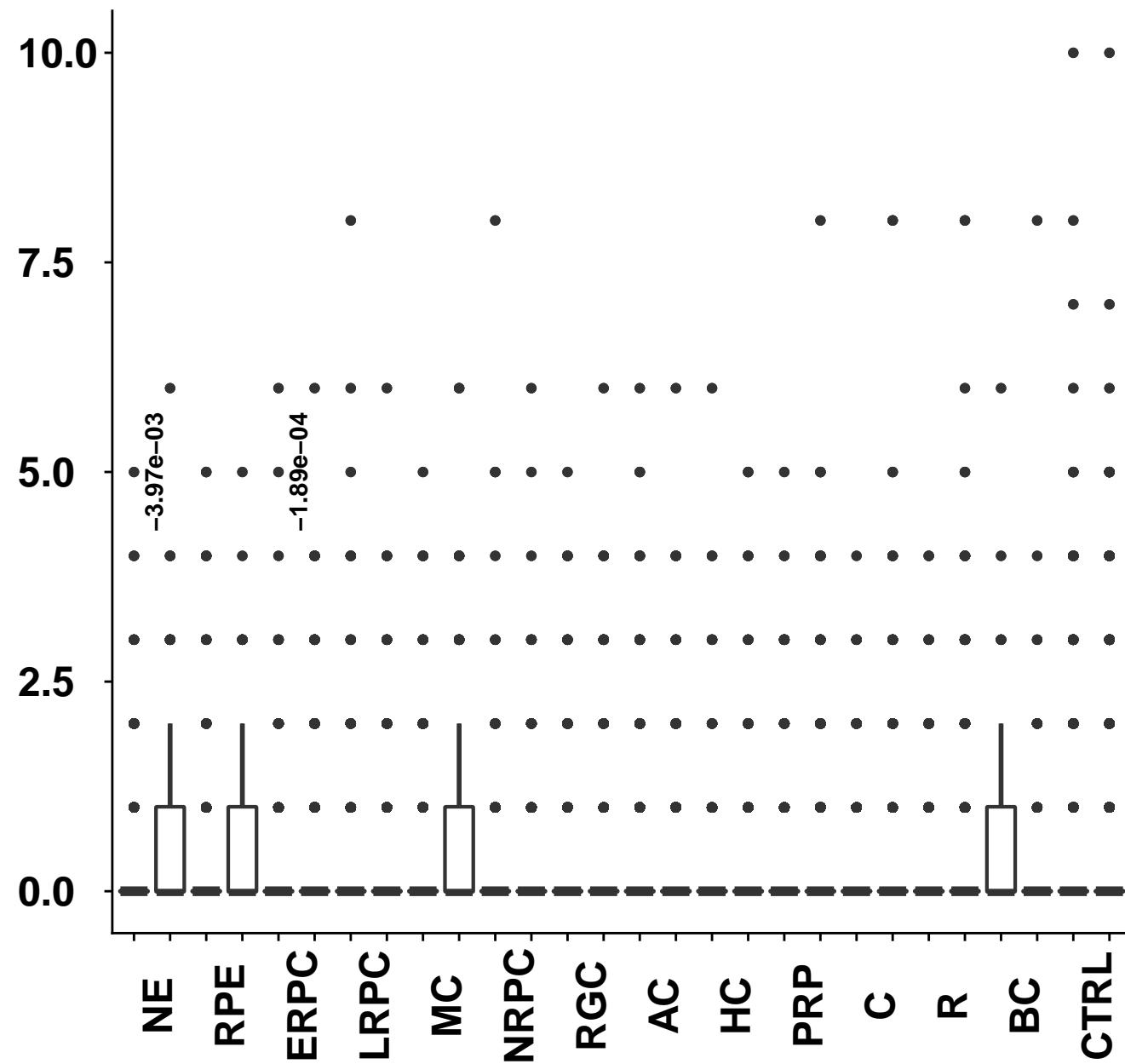
## Pax6\_3\_total



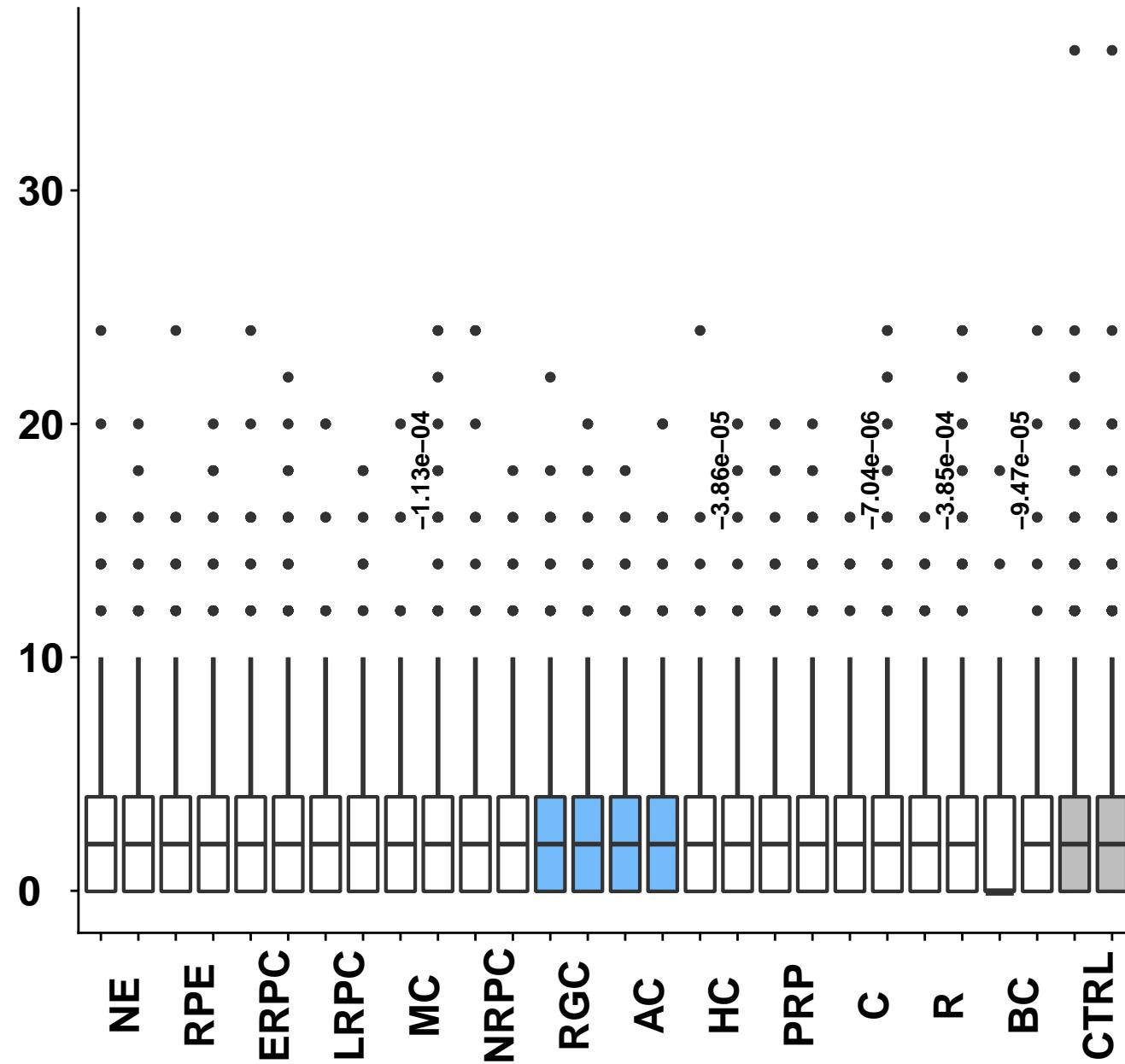
## Pou2f2\_1\_total



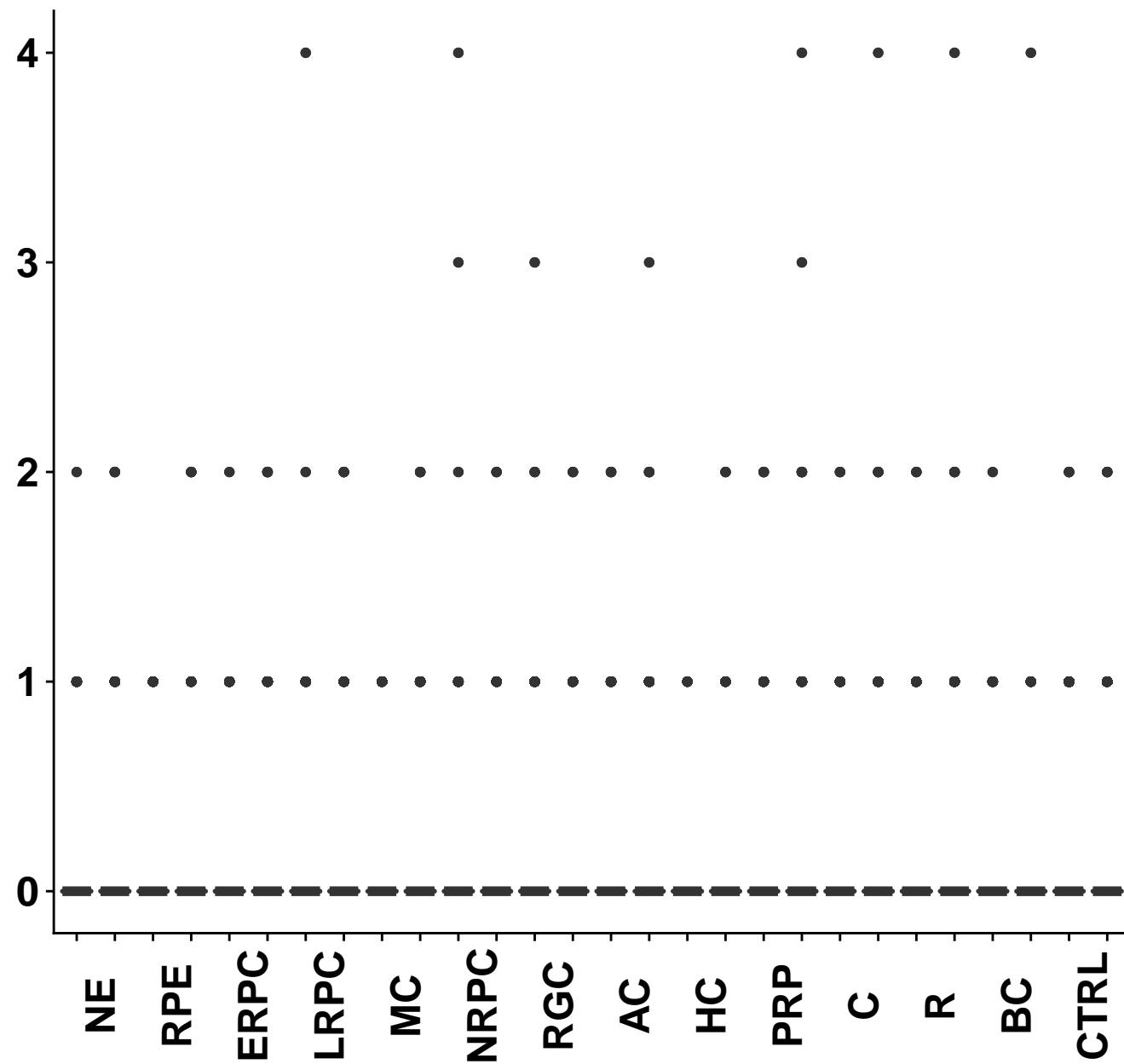
## Pou2f2\_2\_total



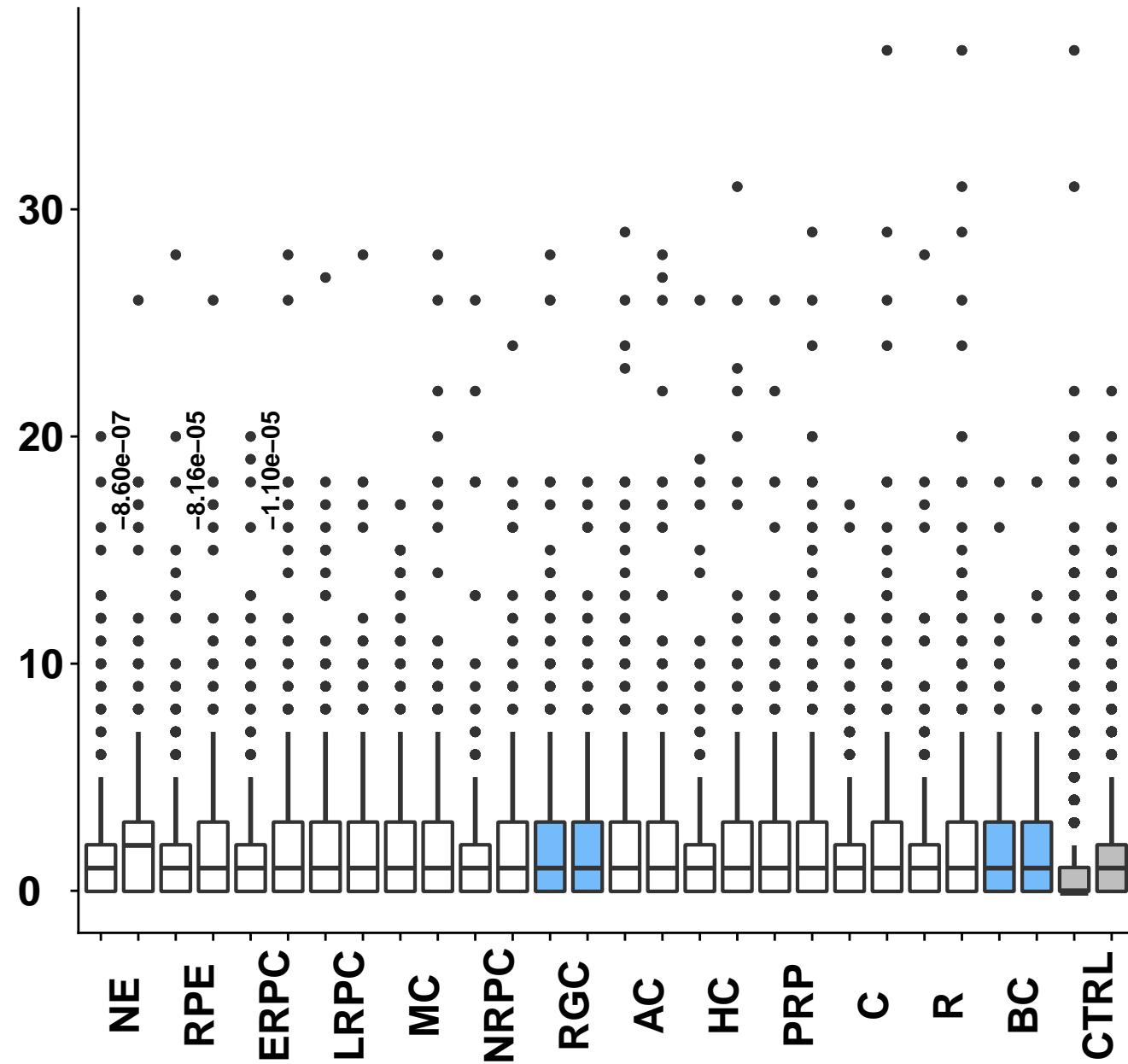
# Mycn\_1\_total



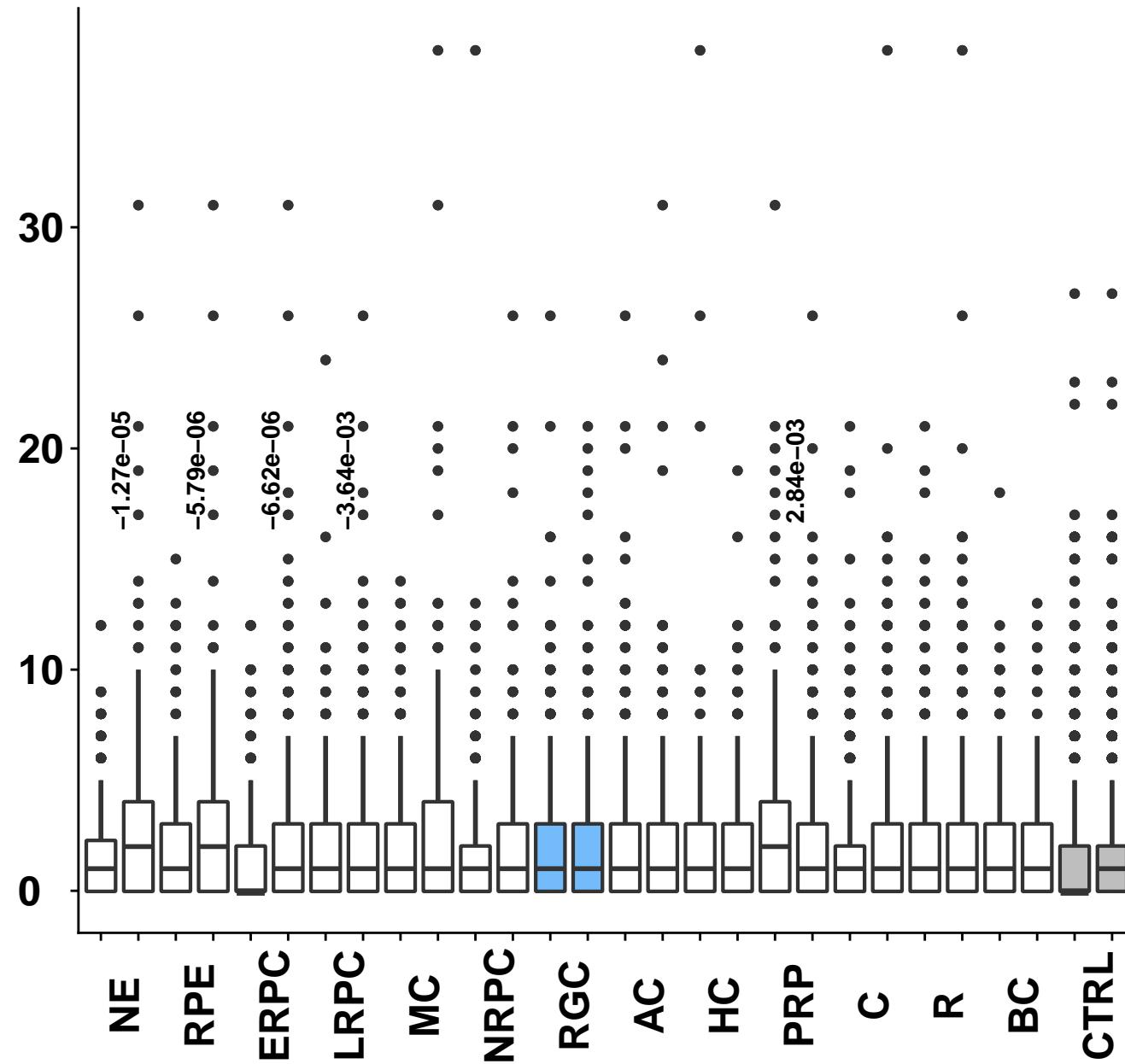
## Onecut2\_1\_total



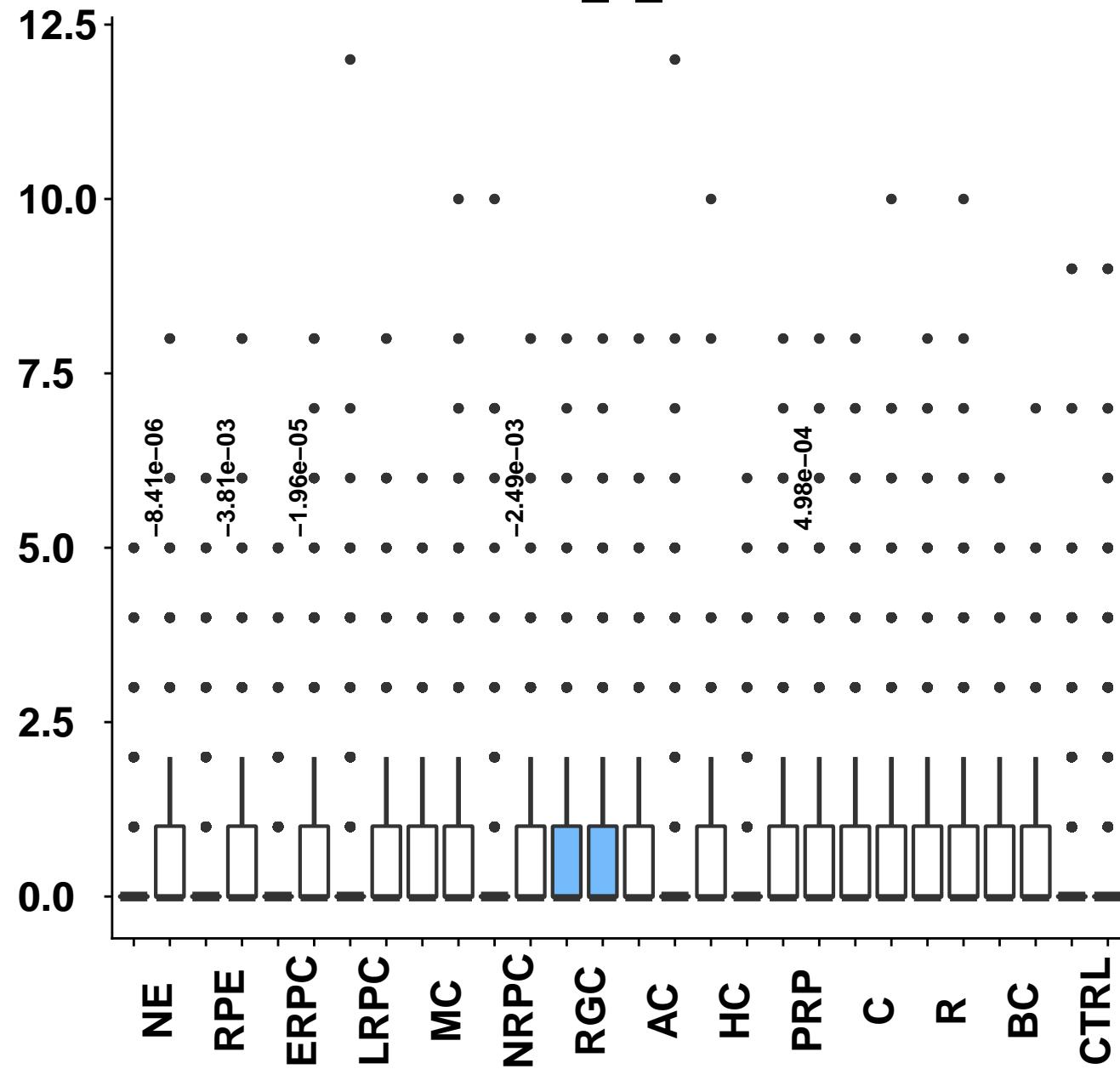
# **Isl1\_1\_total**



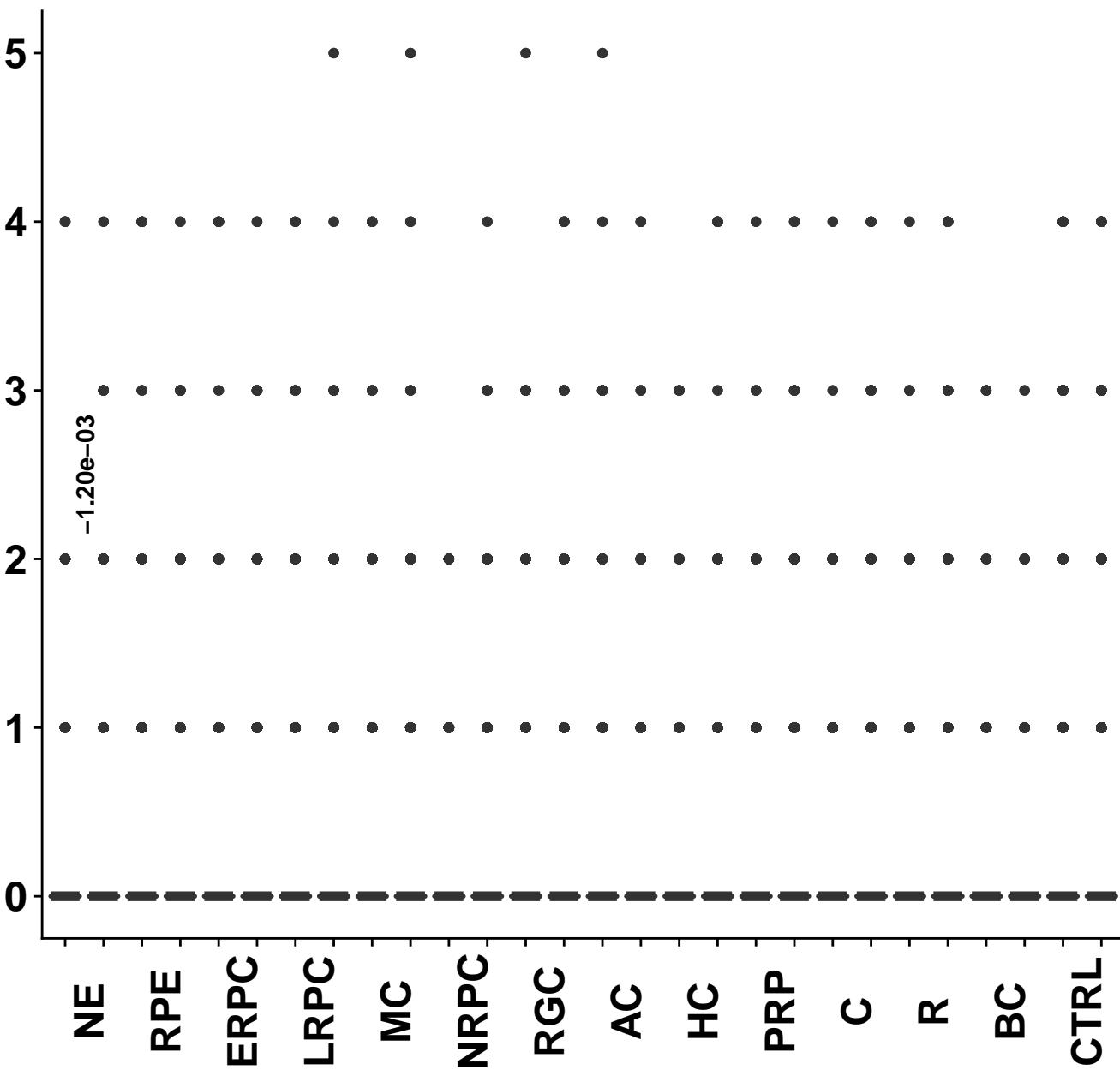
## Ebf1\_1\_total



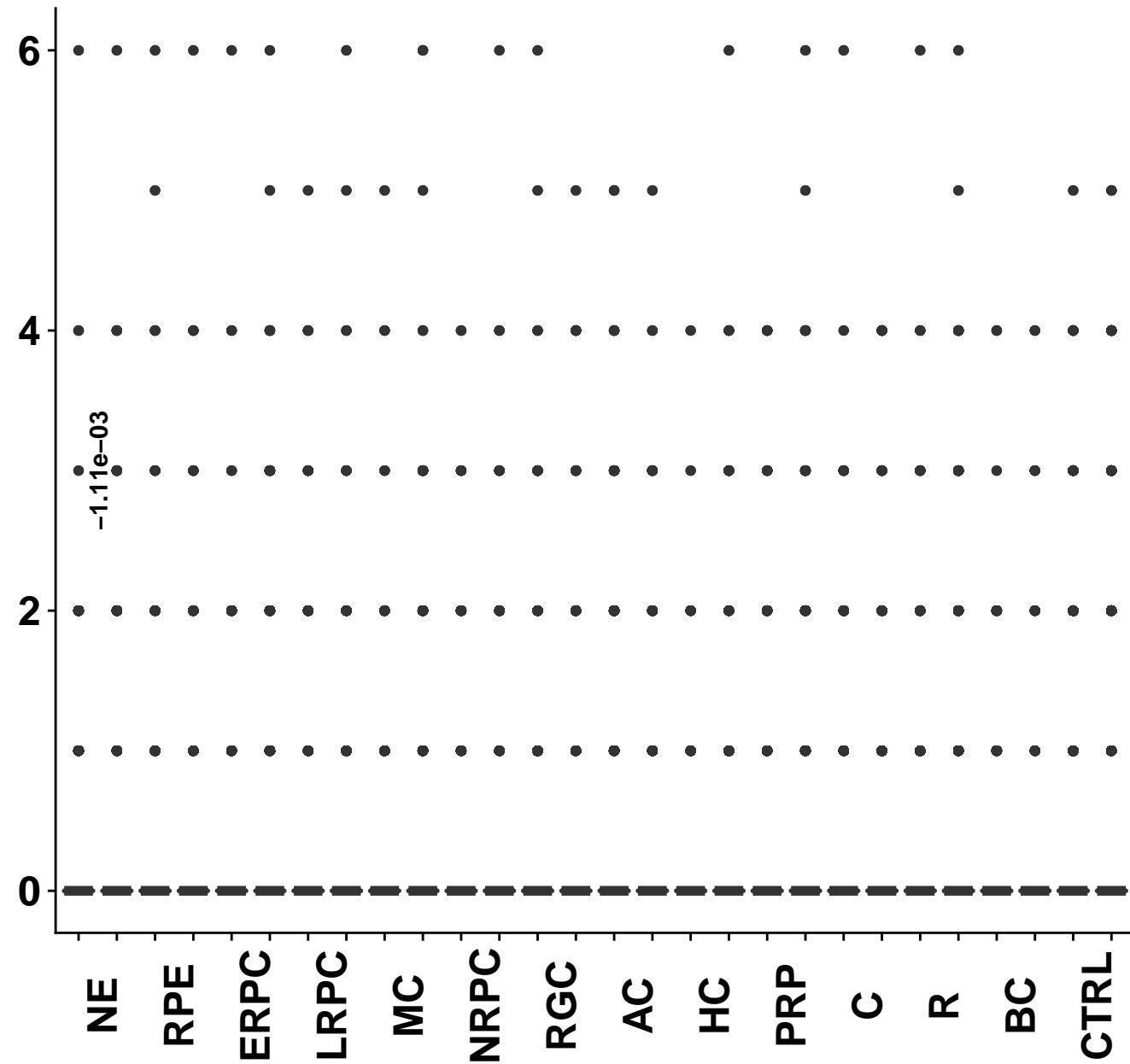
## Ebf1\_3\_total



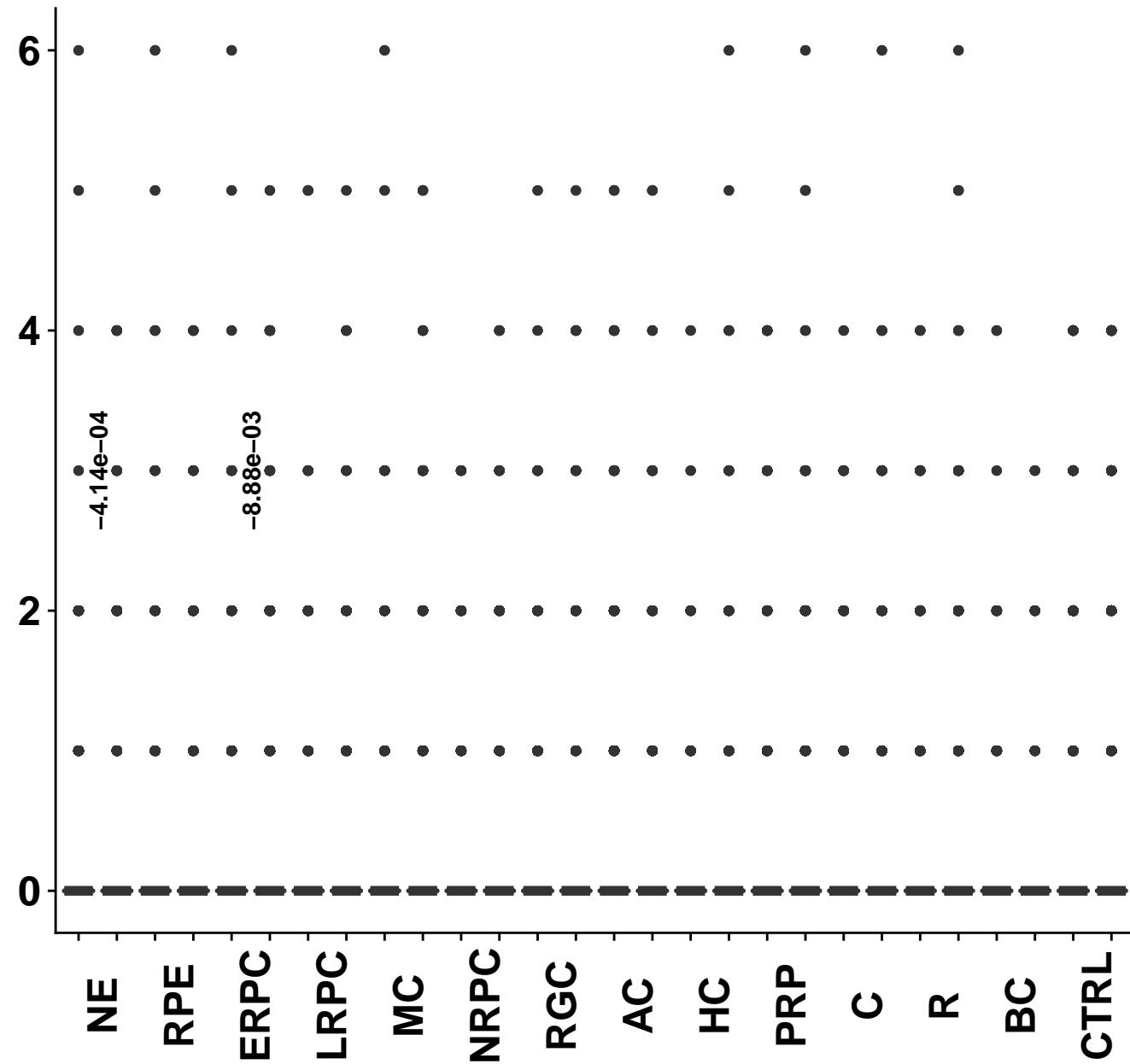
## Irx2\_1\_total



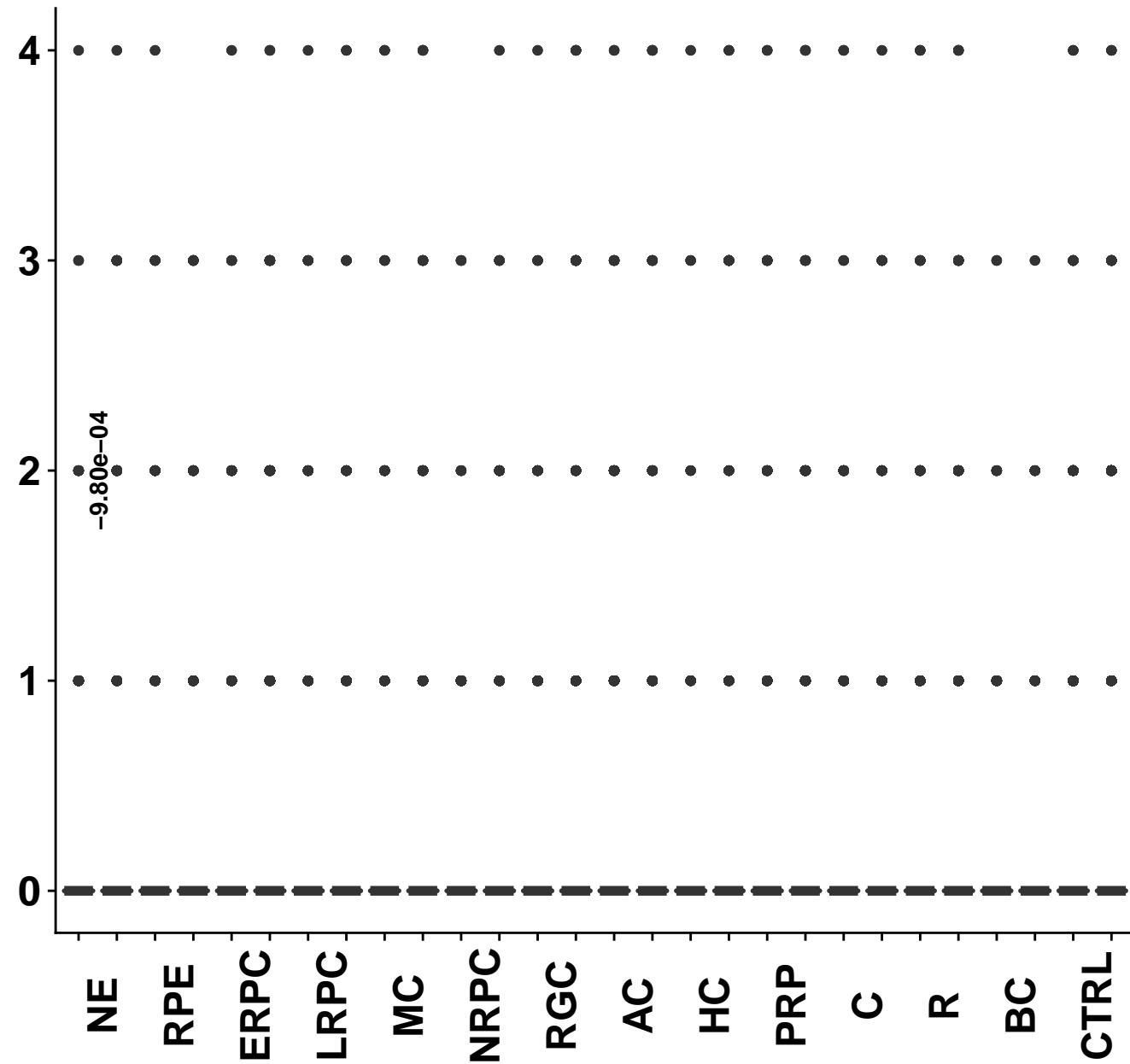
## **Irx3\_1\_total**



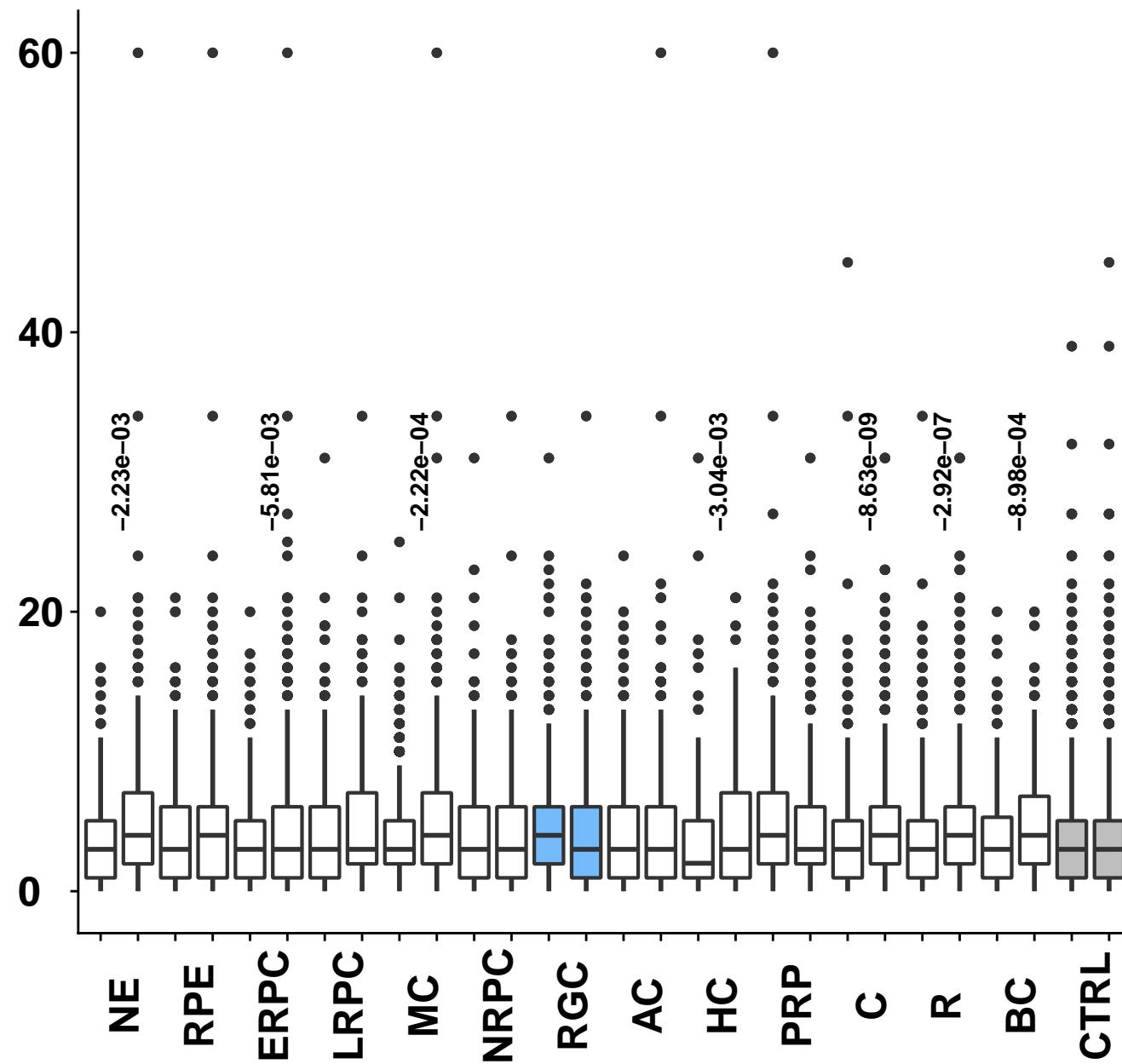
## Irx3\_2\_total



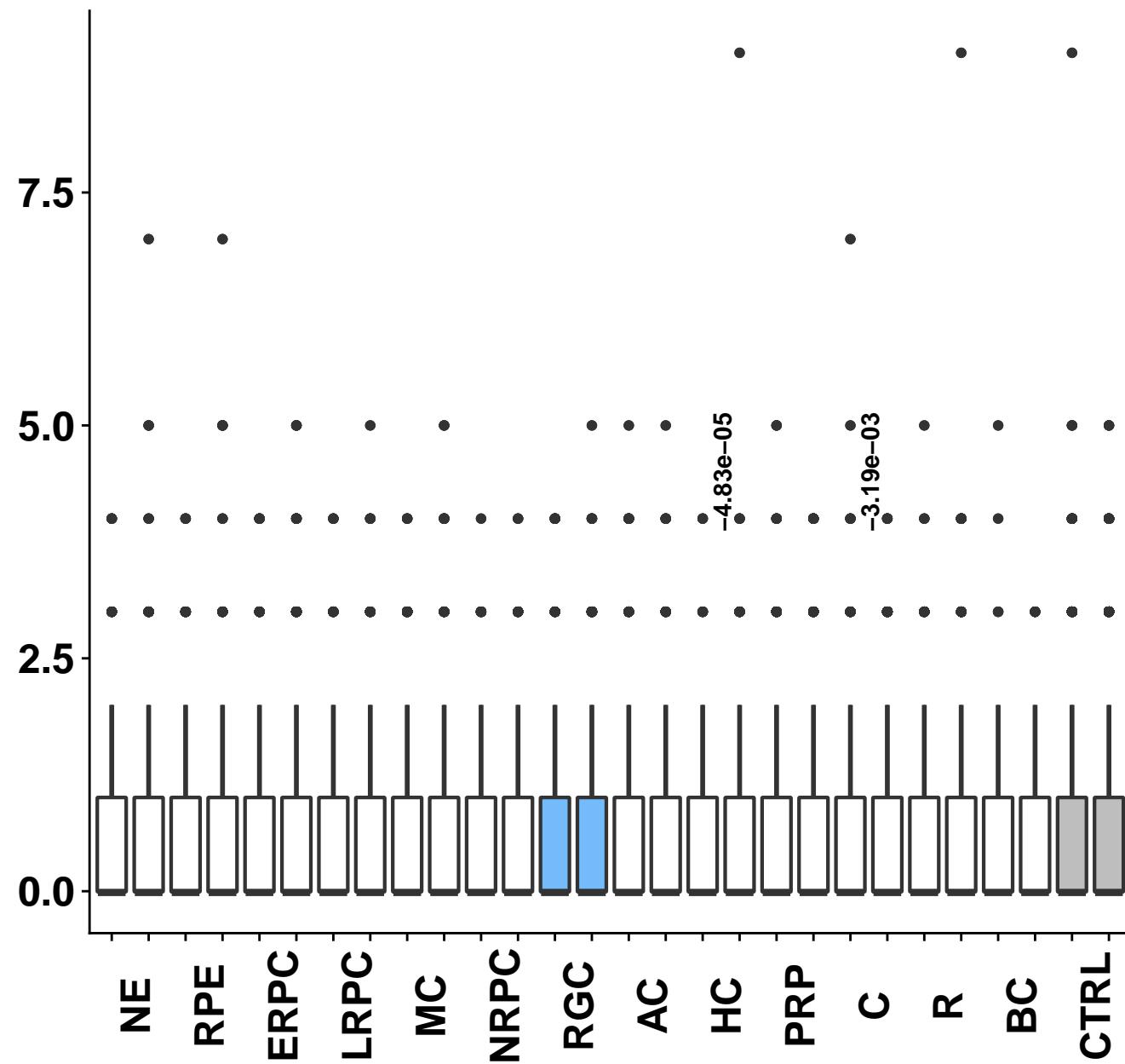
## **Irx6\_1\_total**



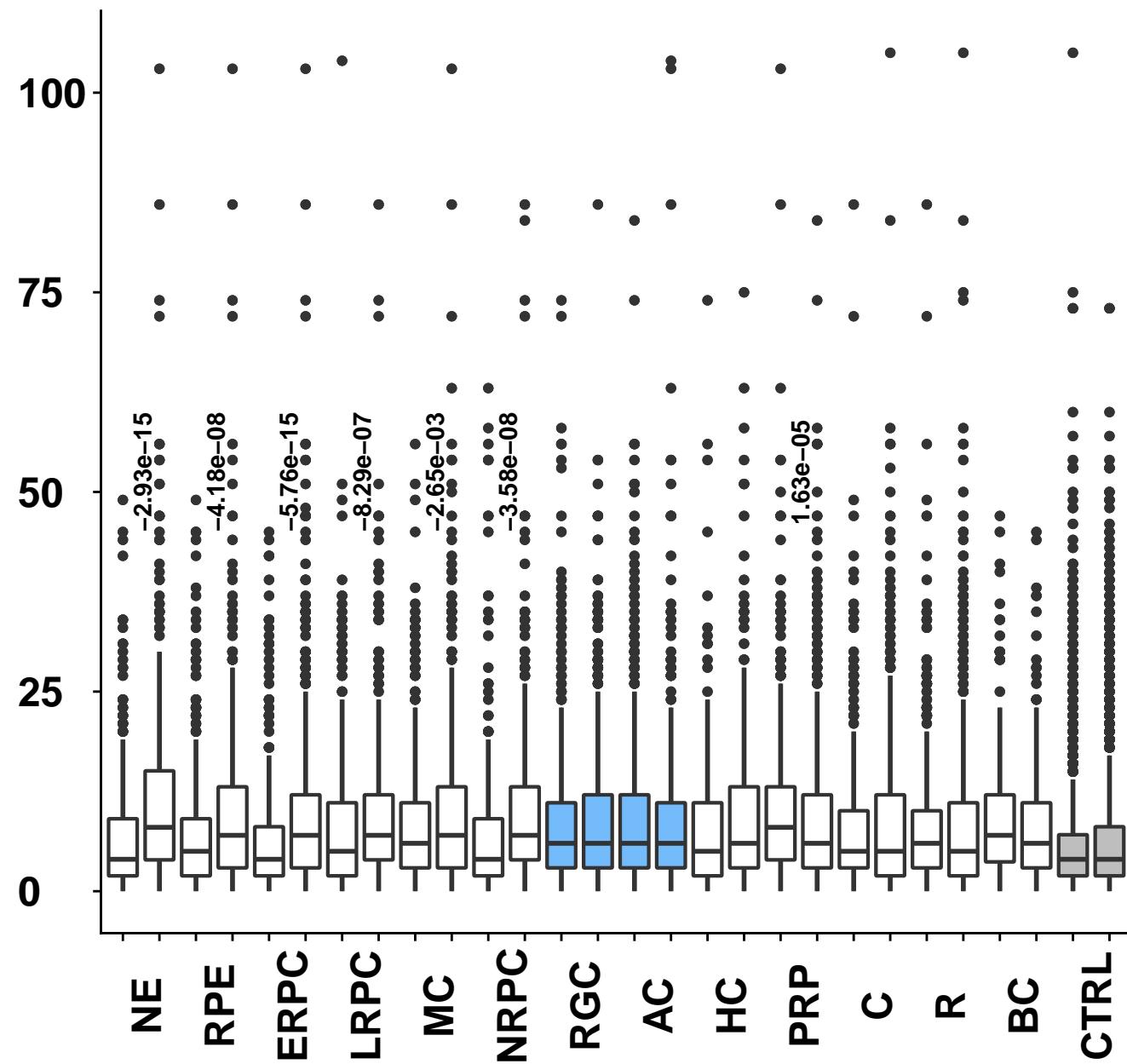
## Klf7\_1\_total



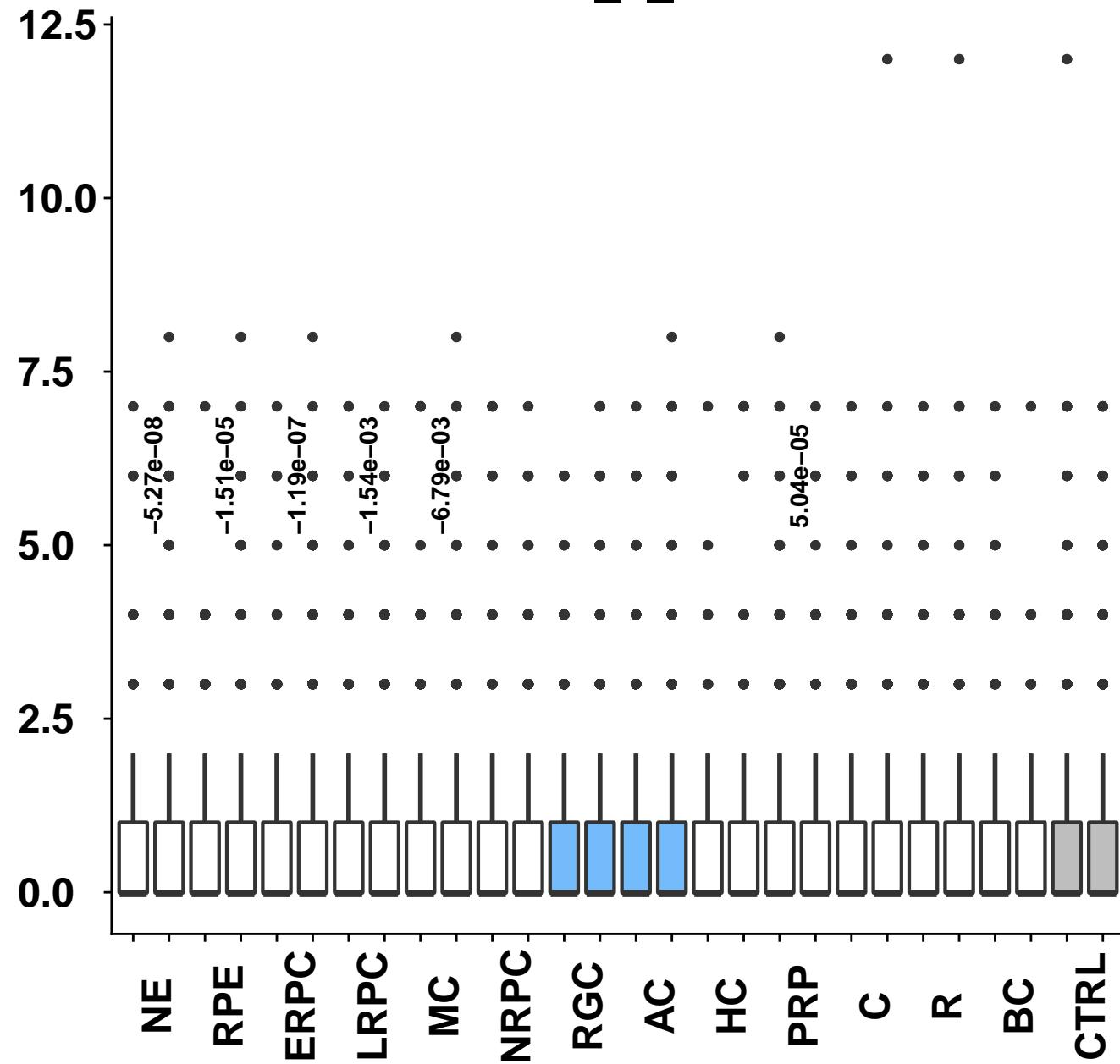
## Klf7\_2\_total



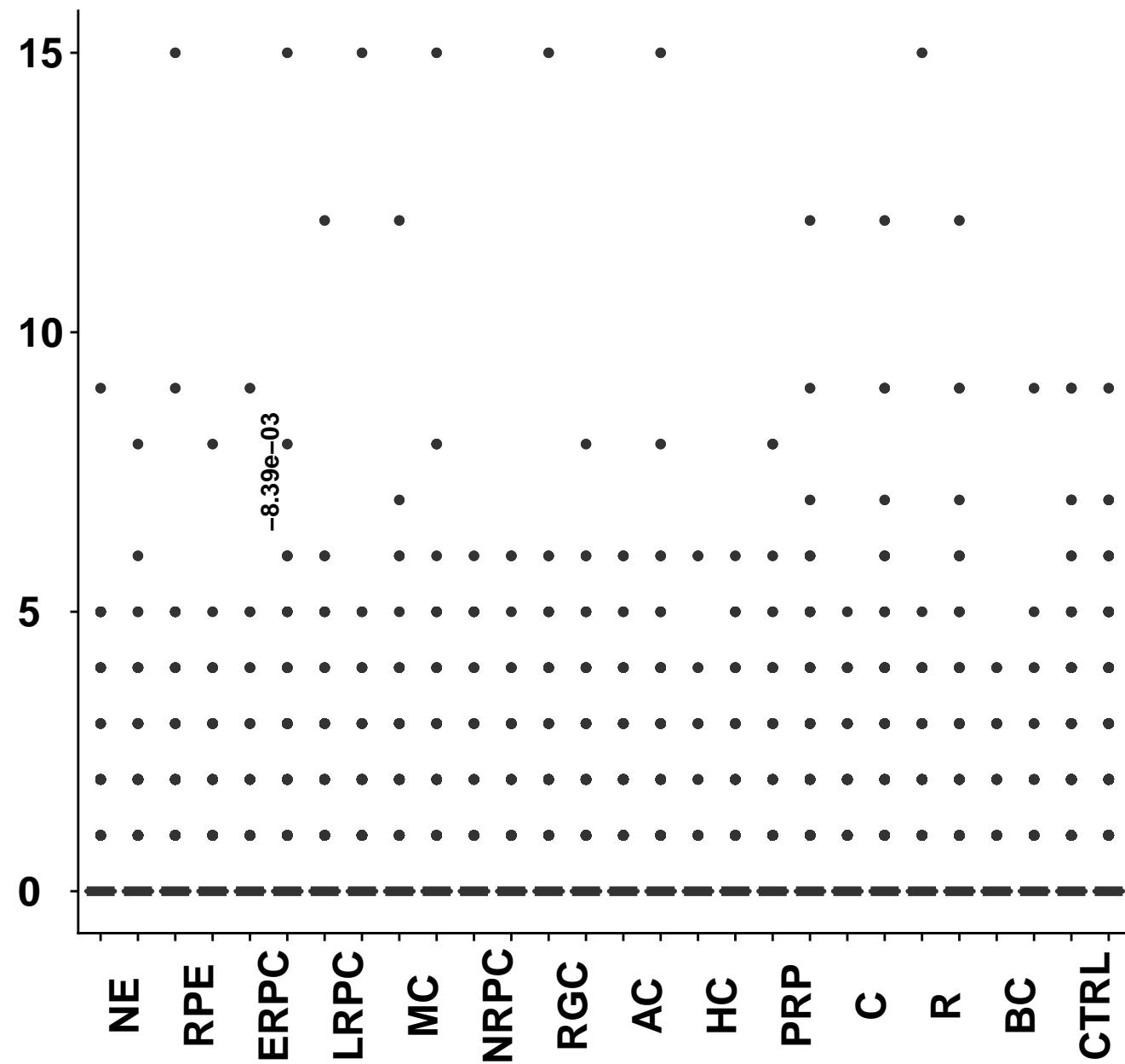
# Meis3\_1\_total



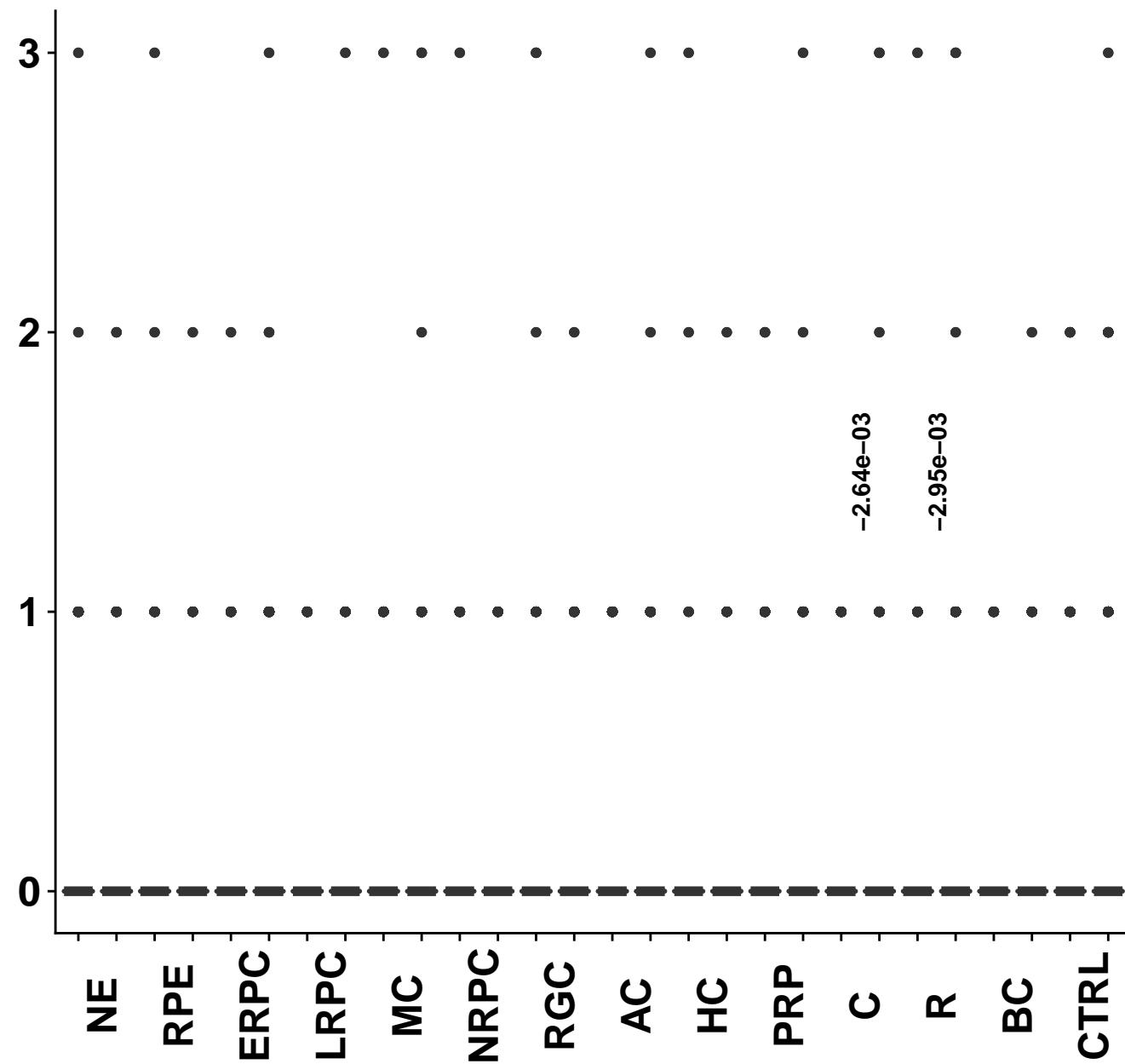
## Meis3\_2\_total



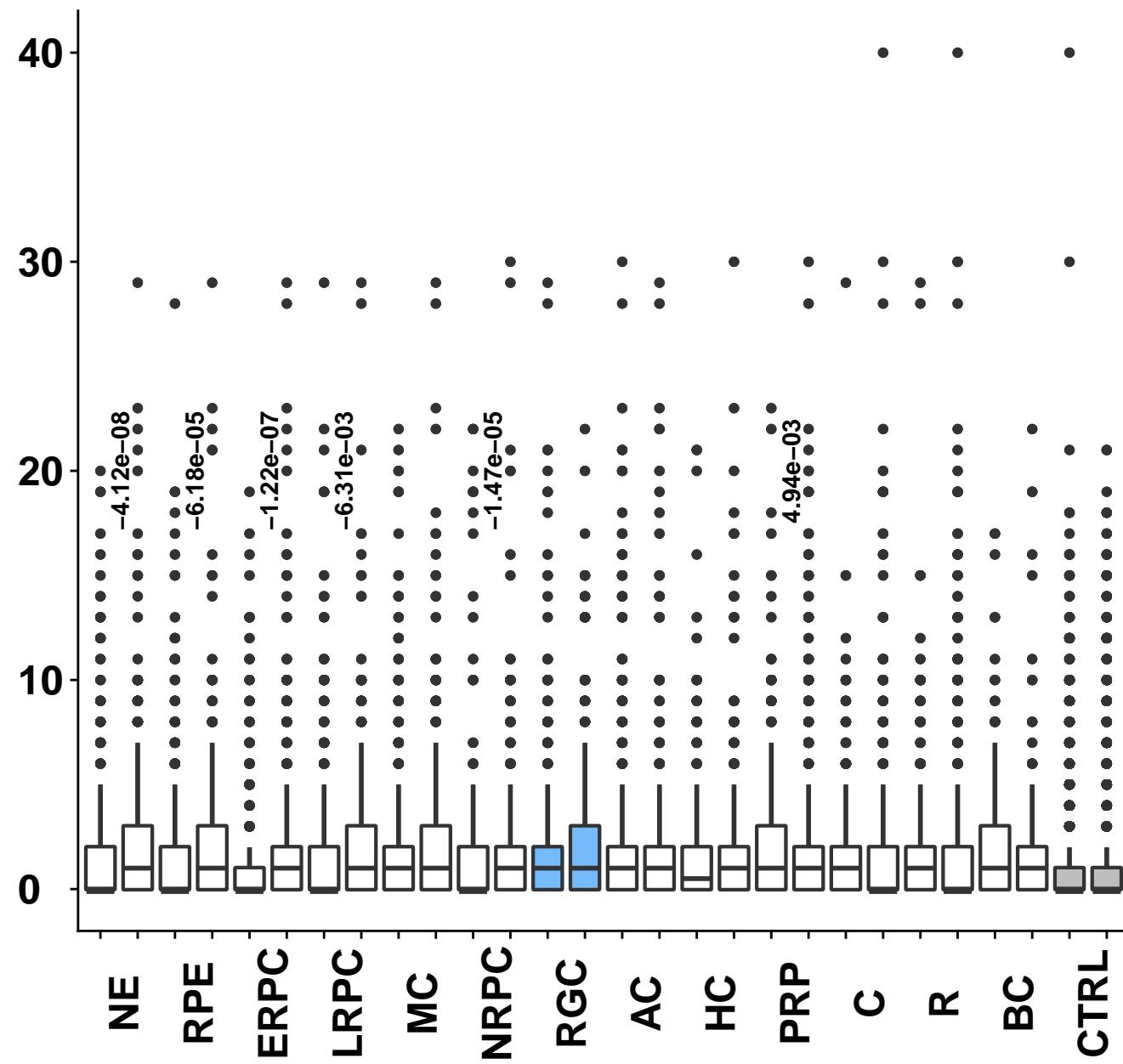
## Pou4f1\_1\_total



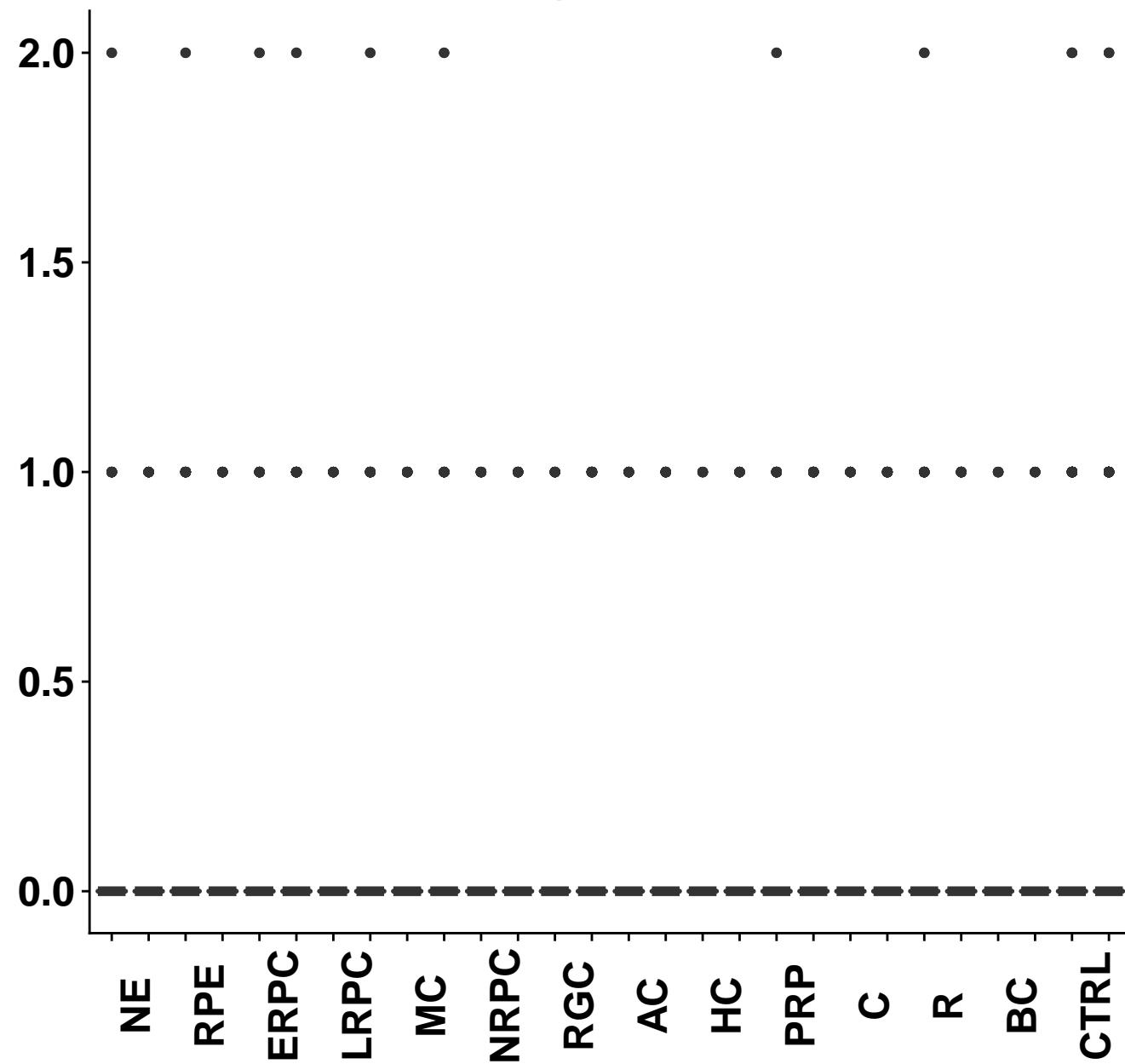
## Pou4f2\_1\_total

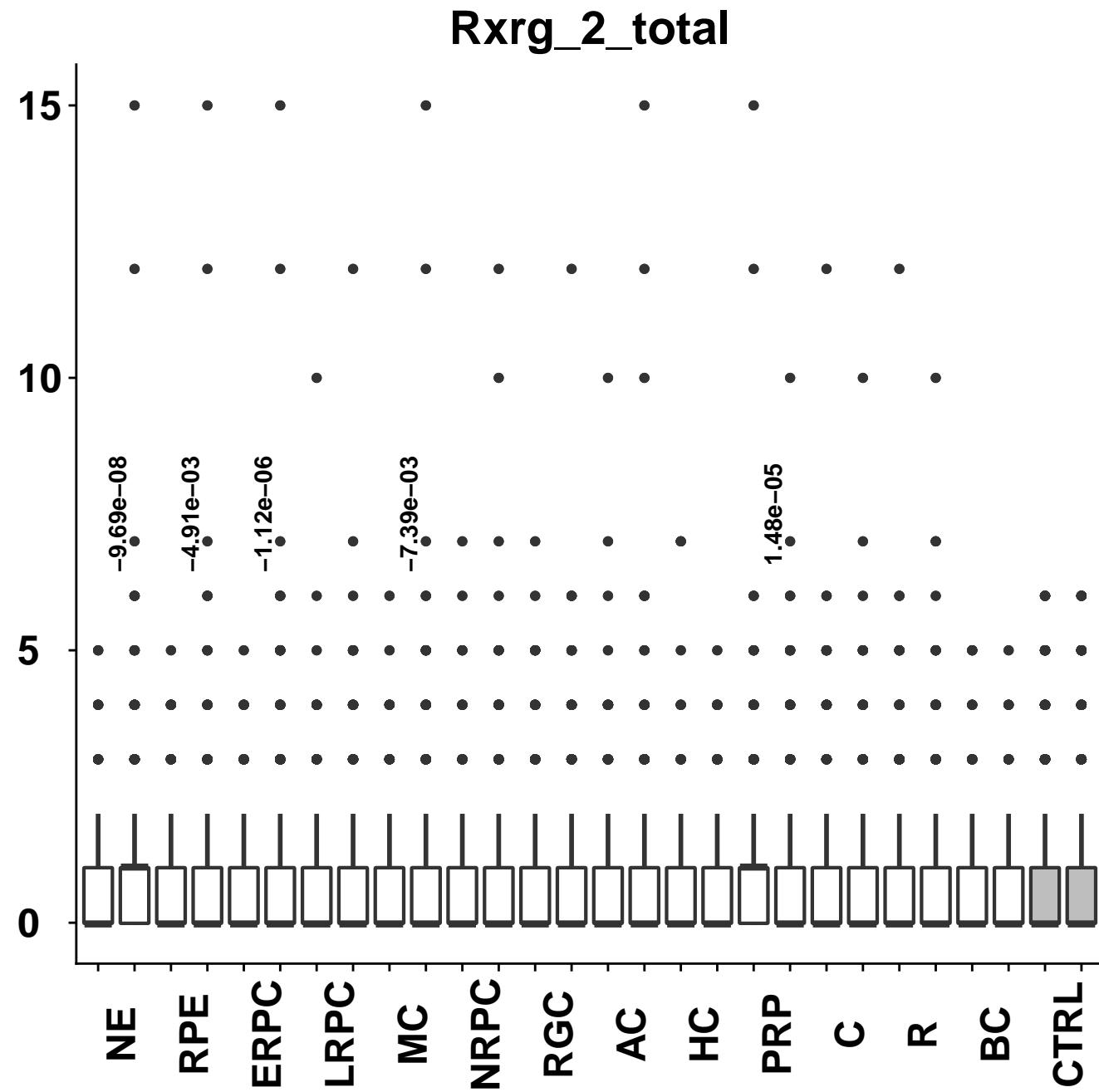


## Pou6f2\_1\_total

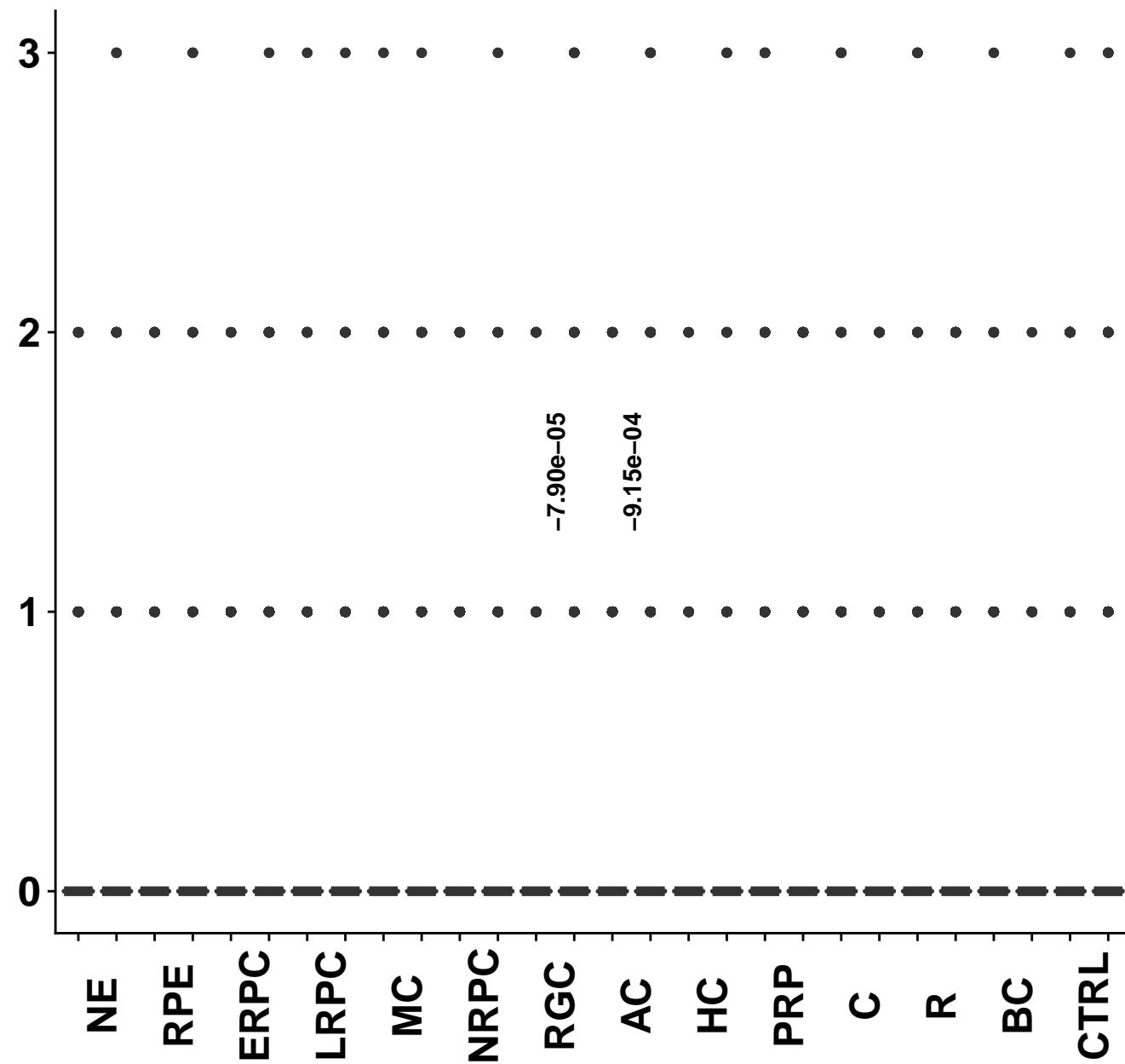


## Rxrg\_1\_total

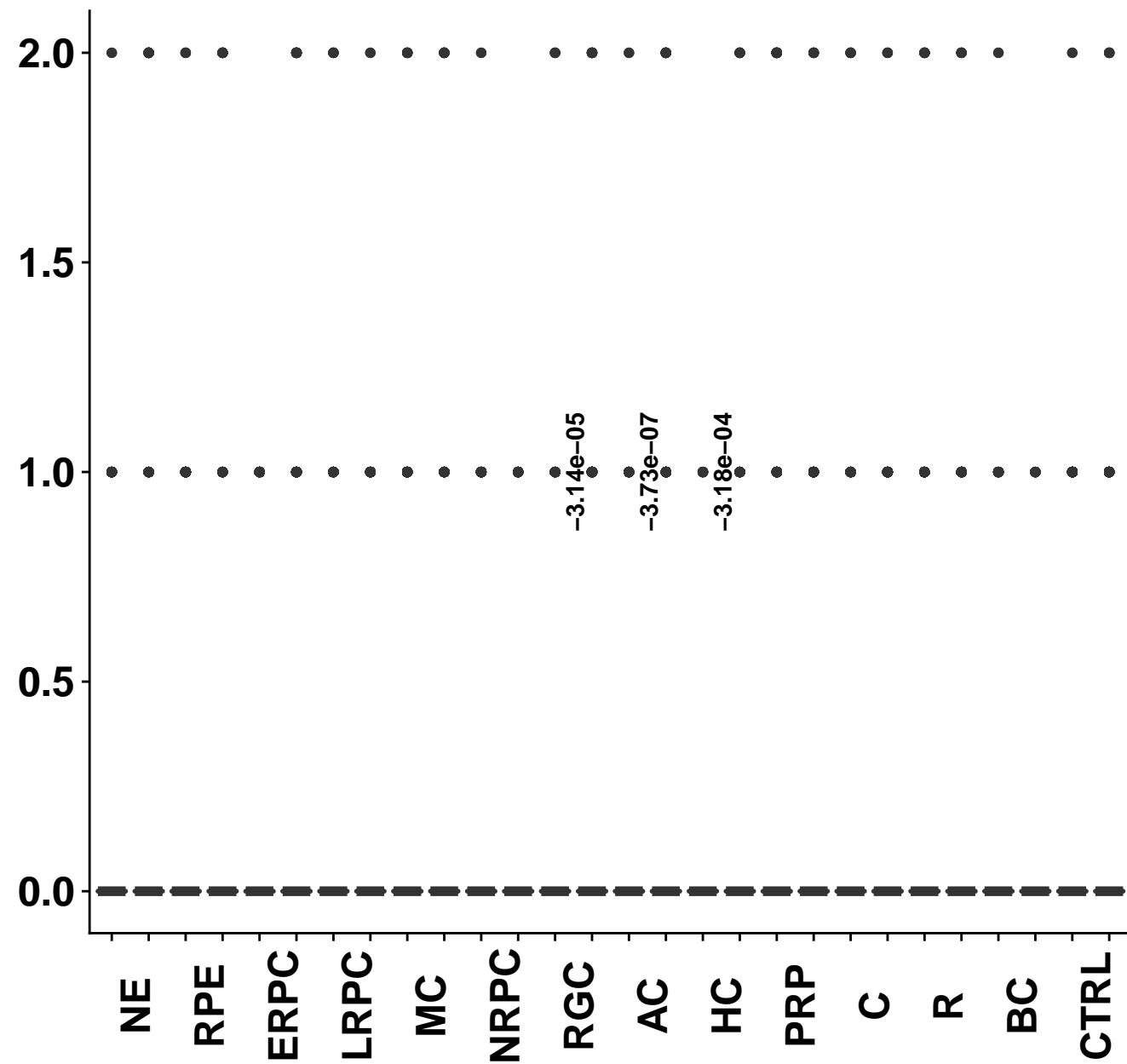




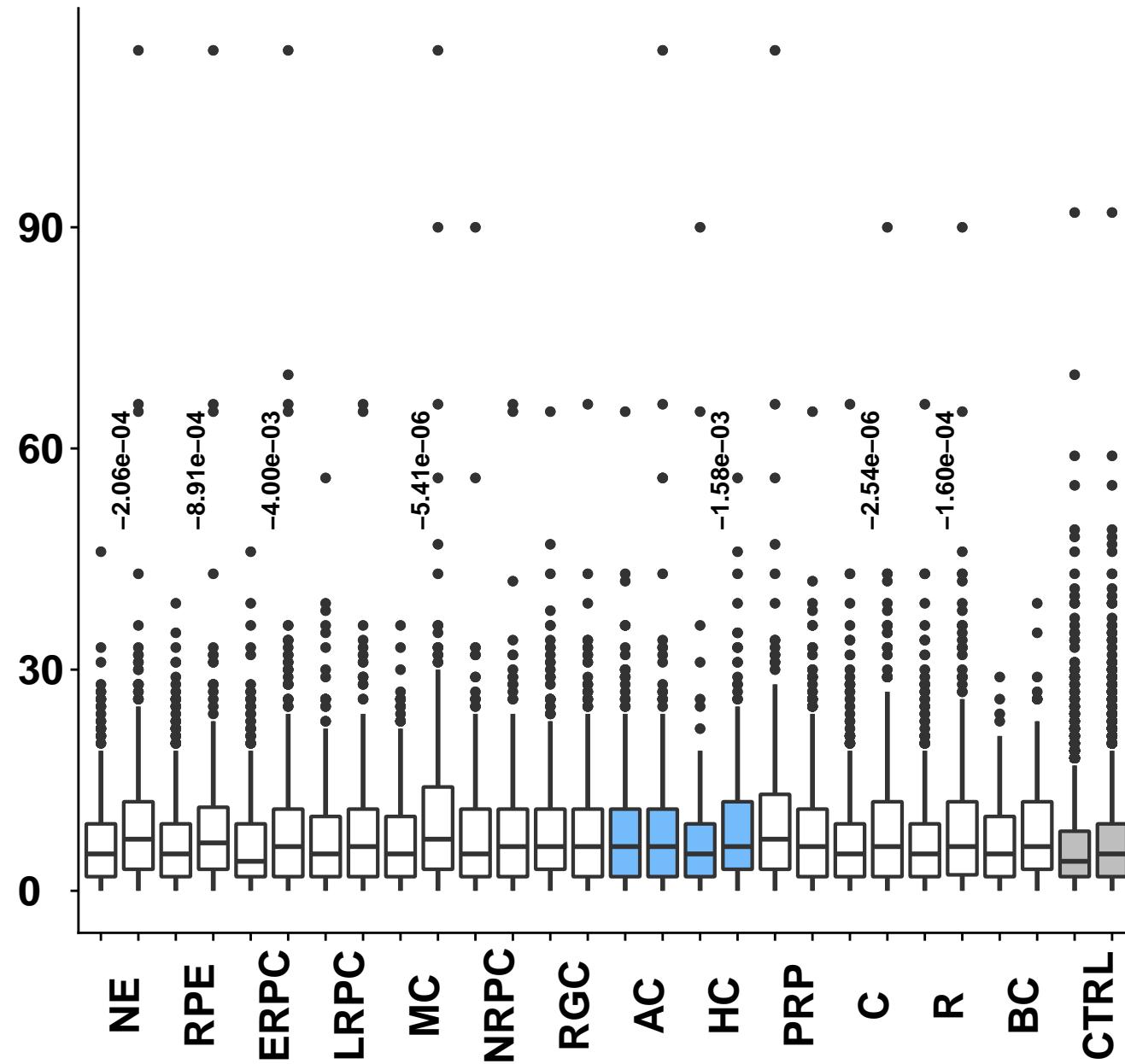
## Scrt1\_1\_total



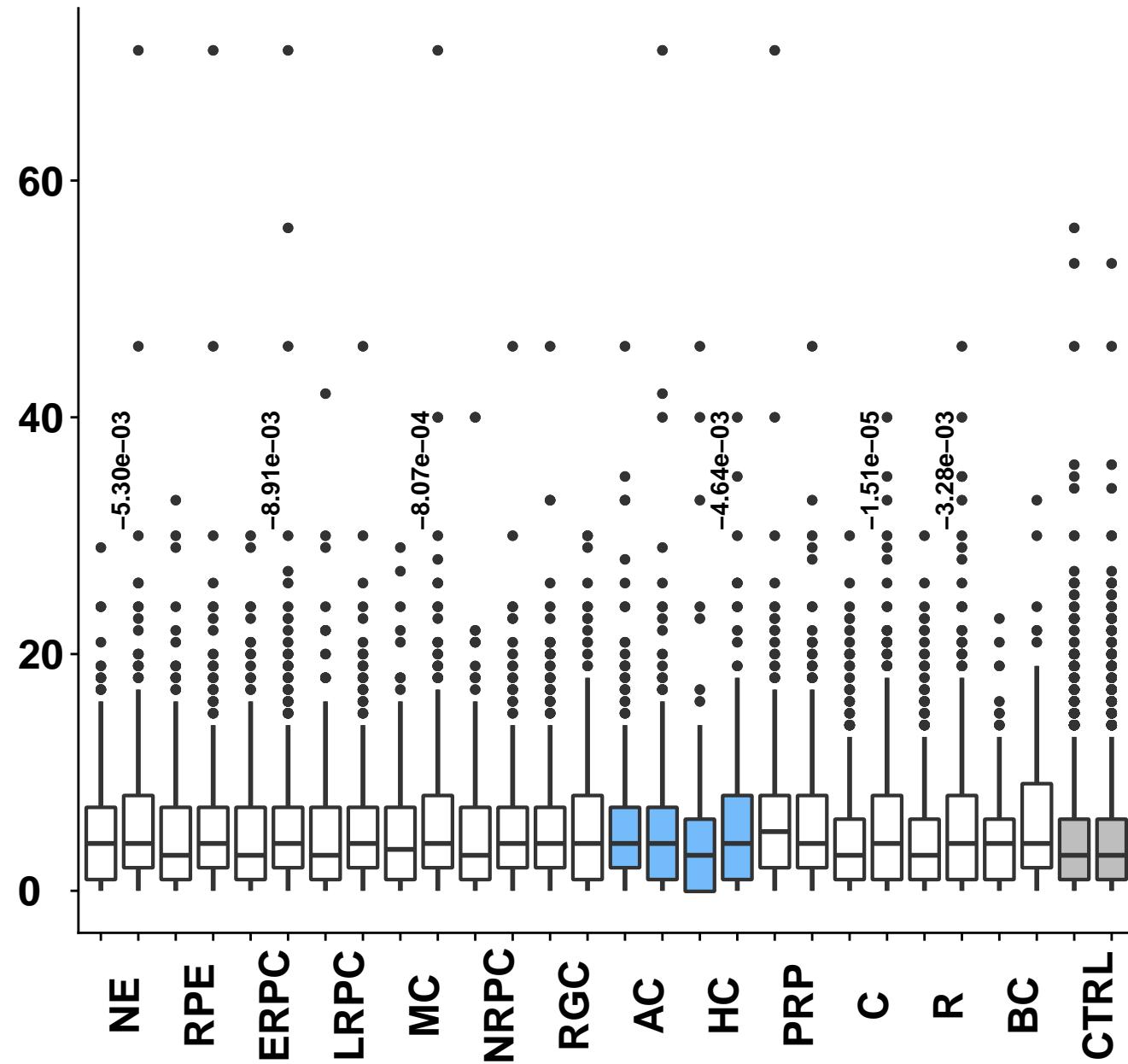
## Scrt1\_2\_total



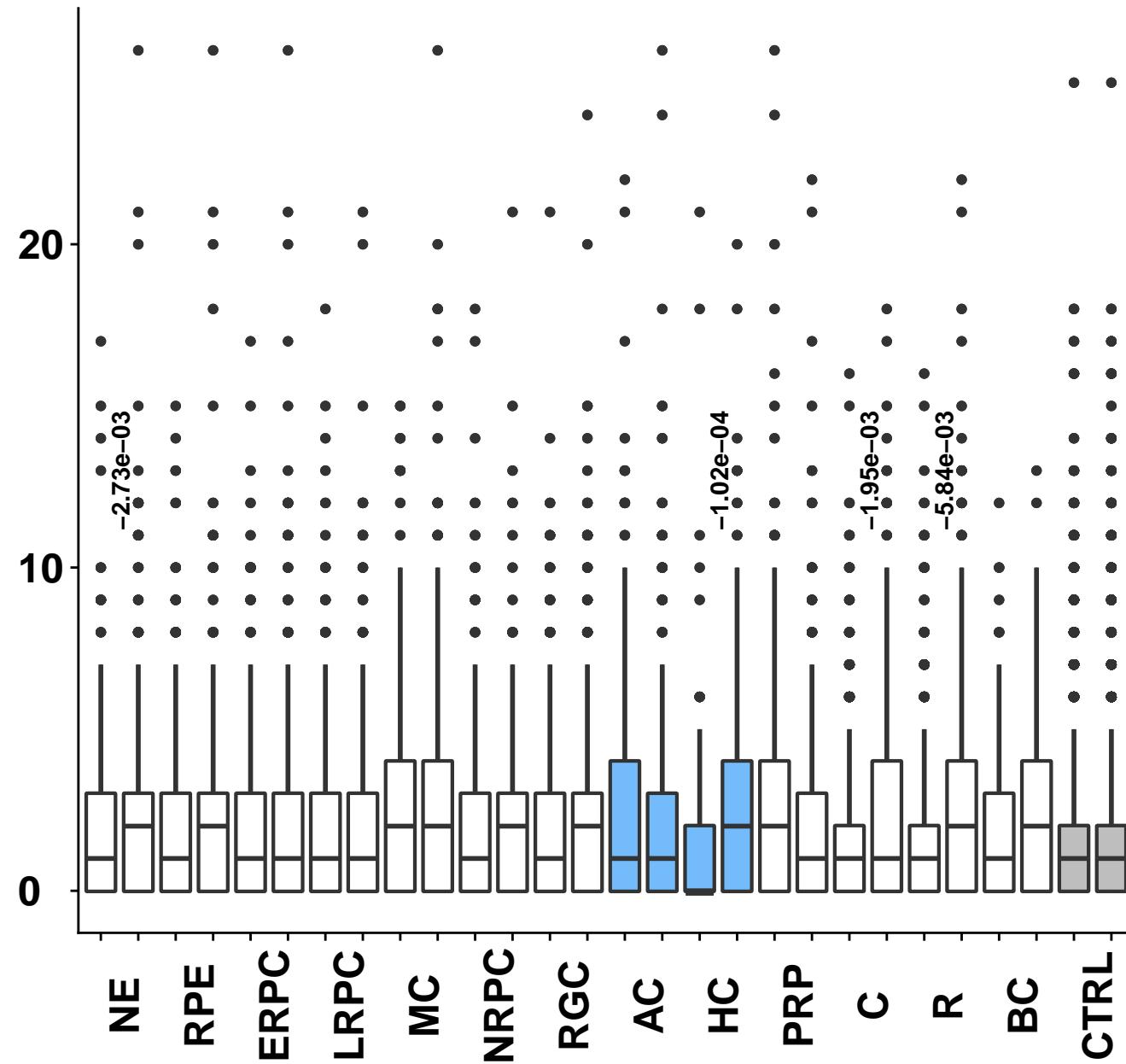
## Tfap2b\_1\_total



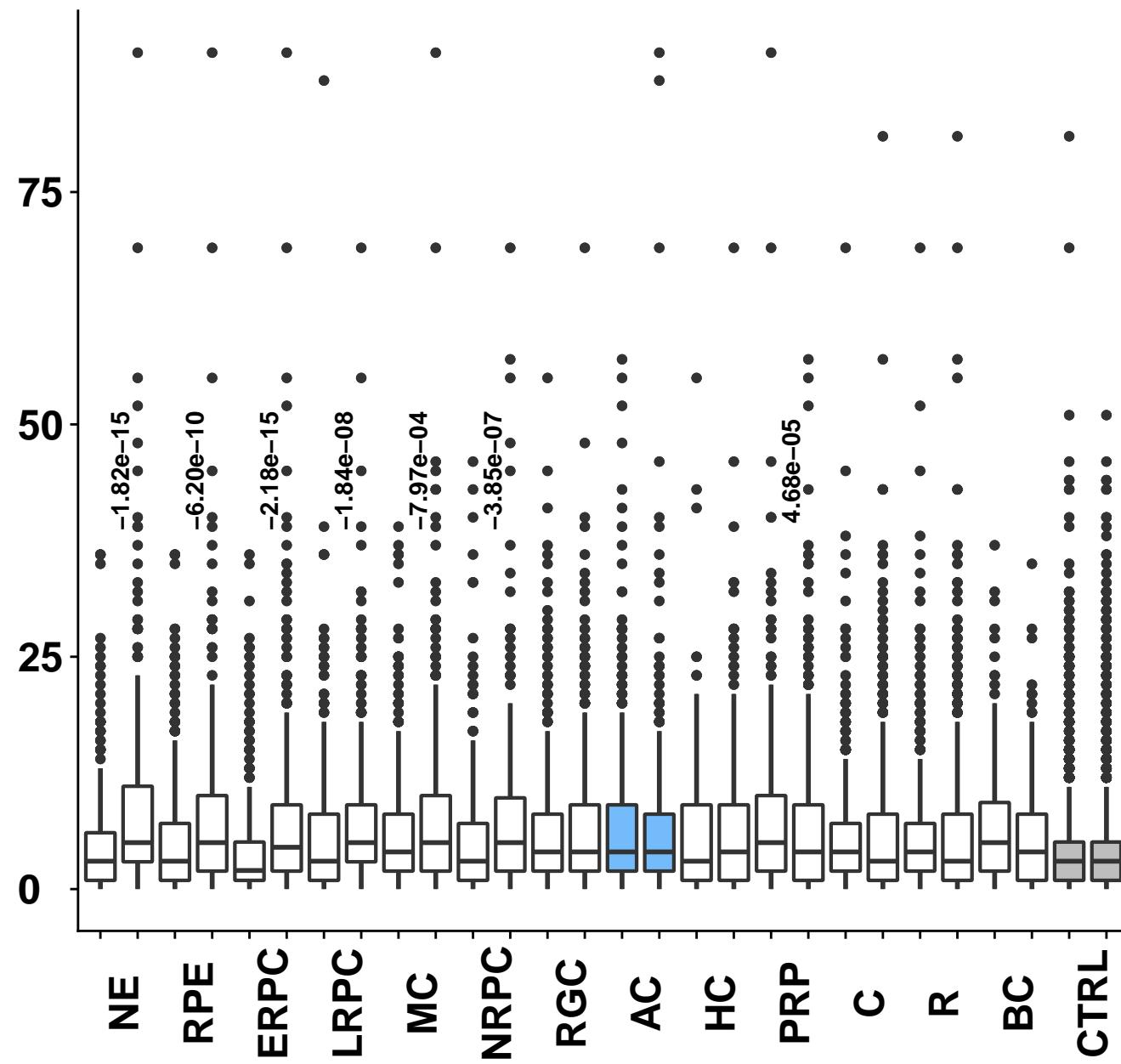
## Tfap2b\_2\_total



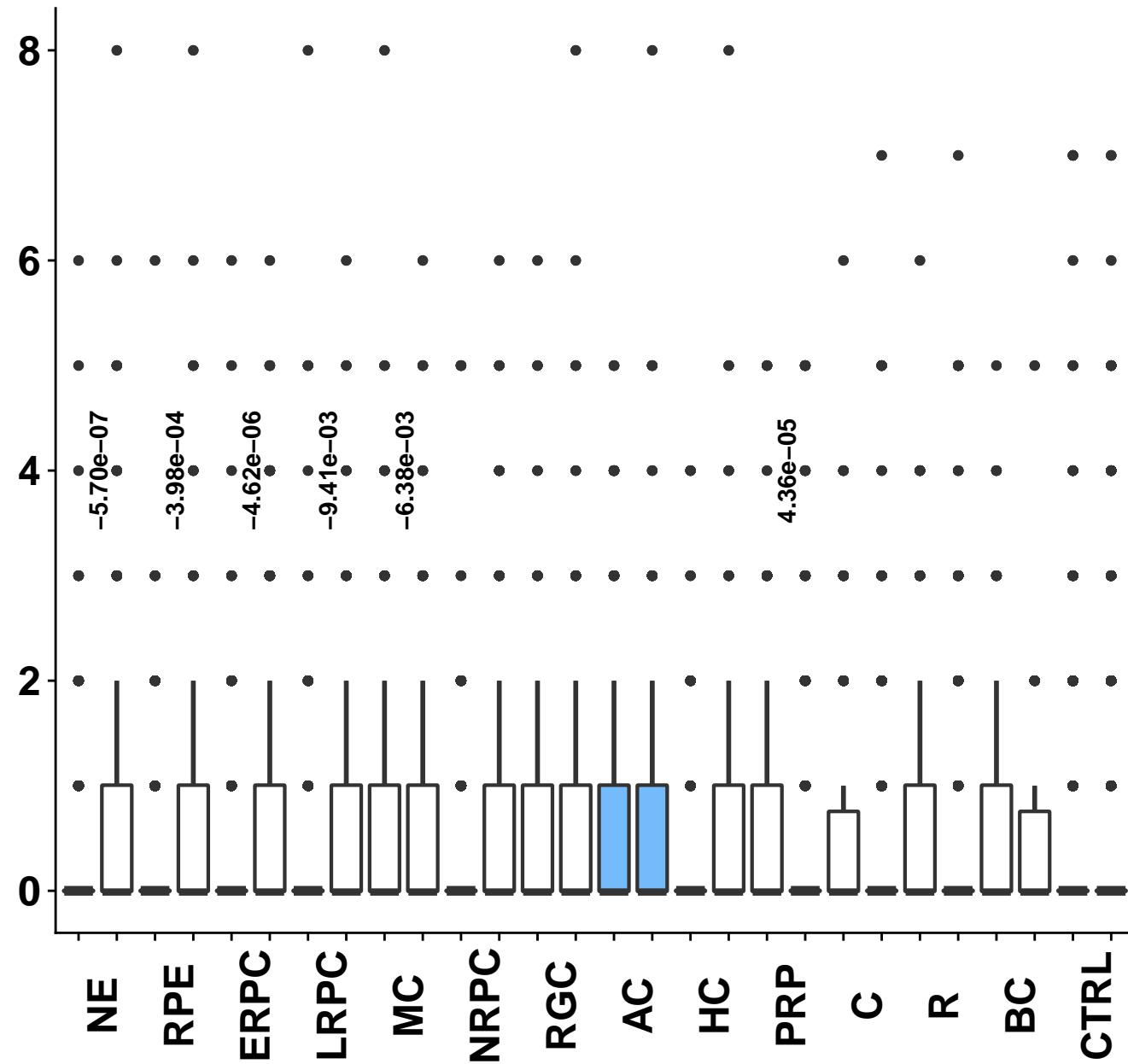
## Tfap2b\_3\_total



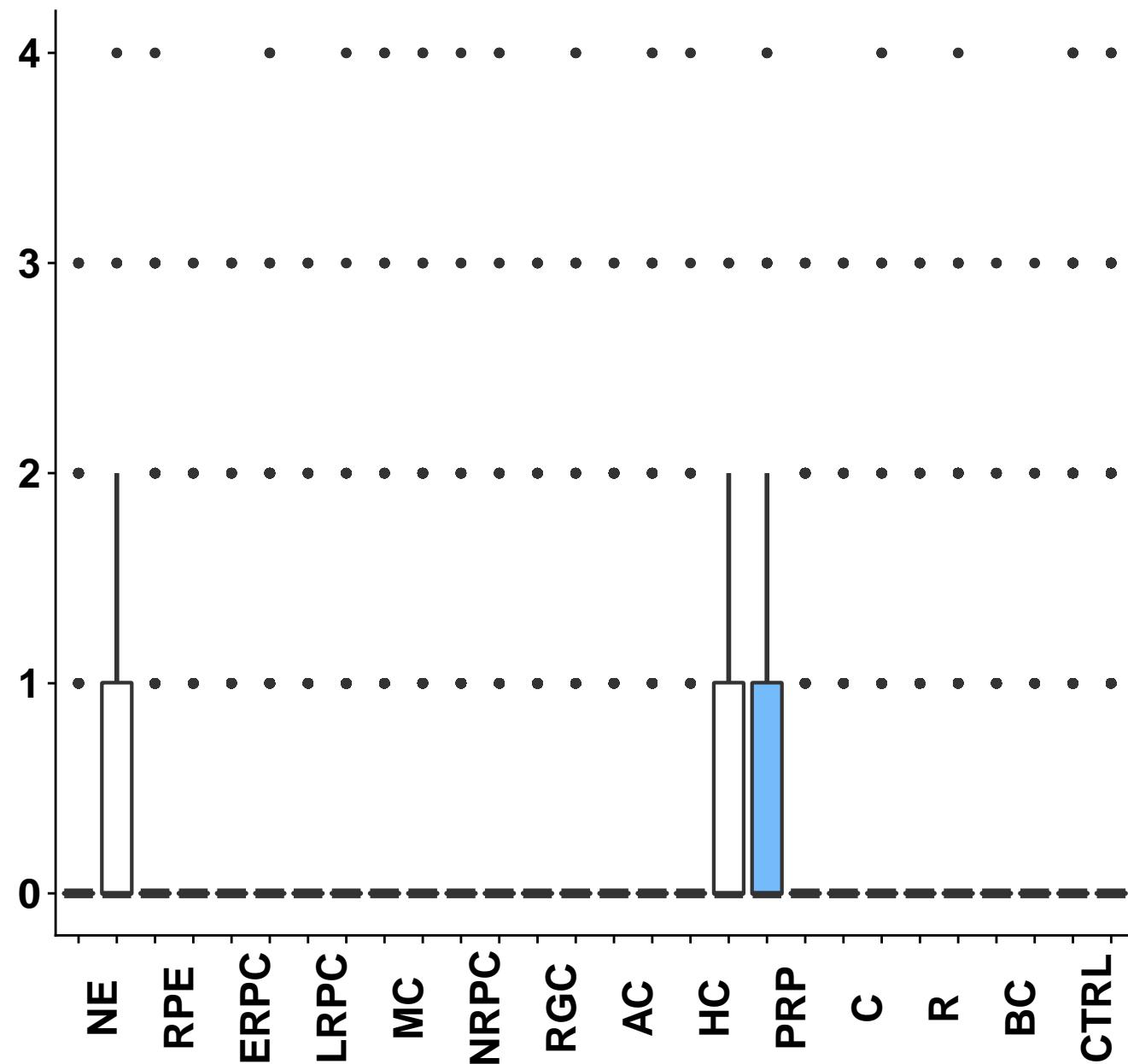
## Meis2\_1\_total



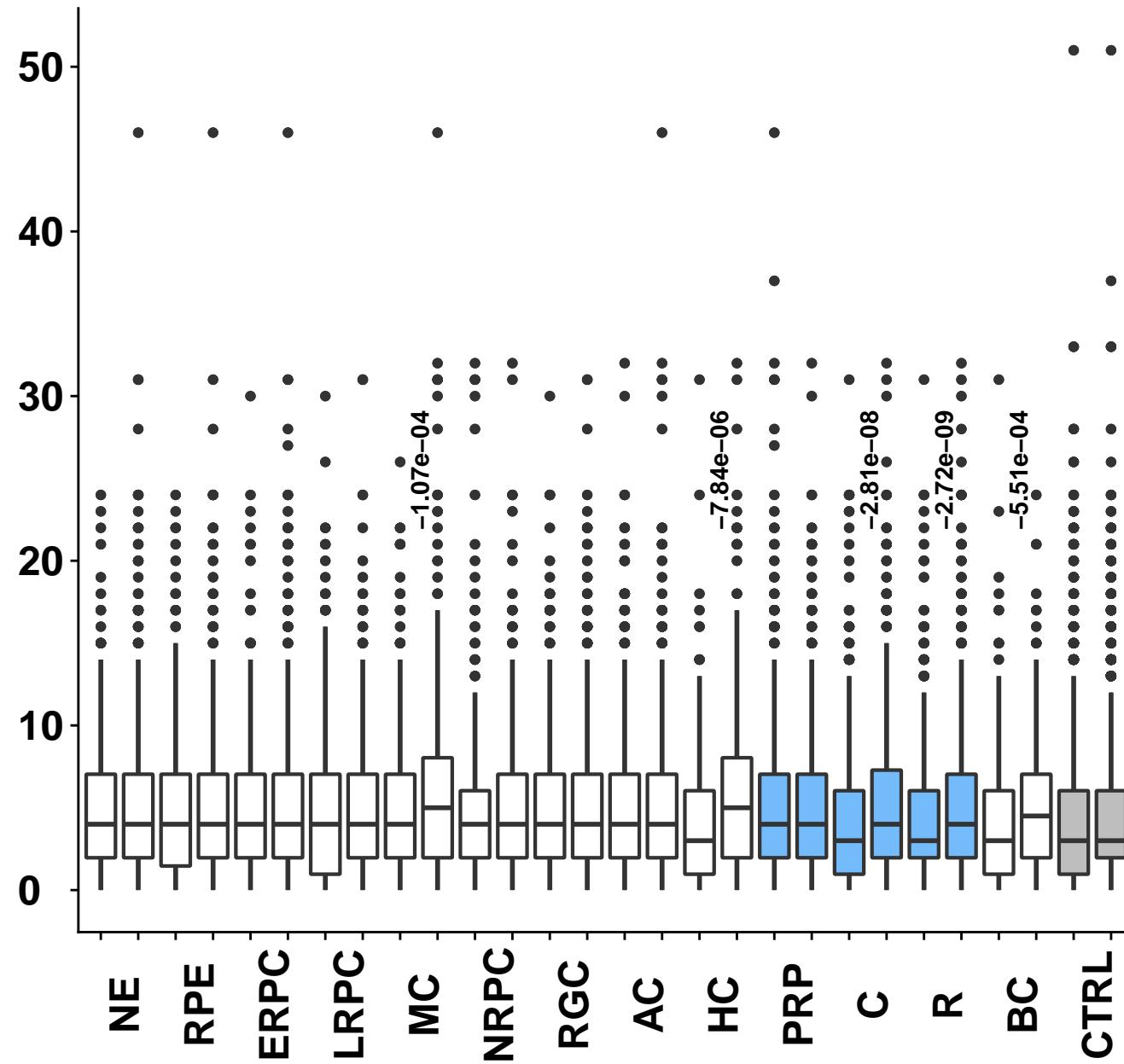
## Meis2\_2\_total



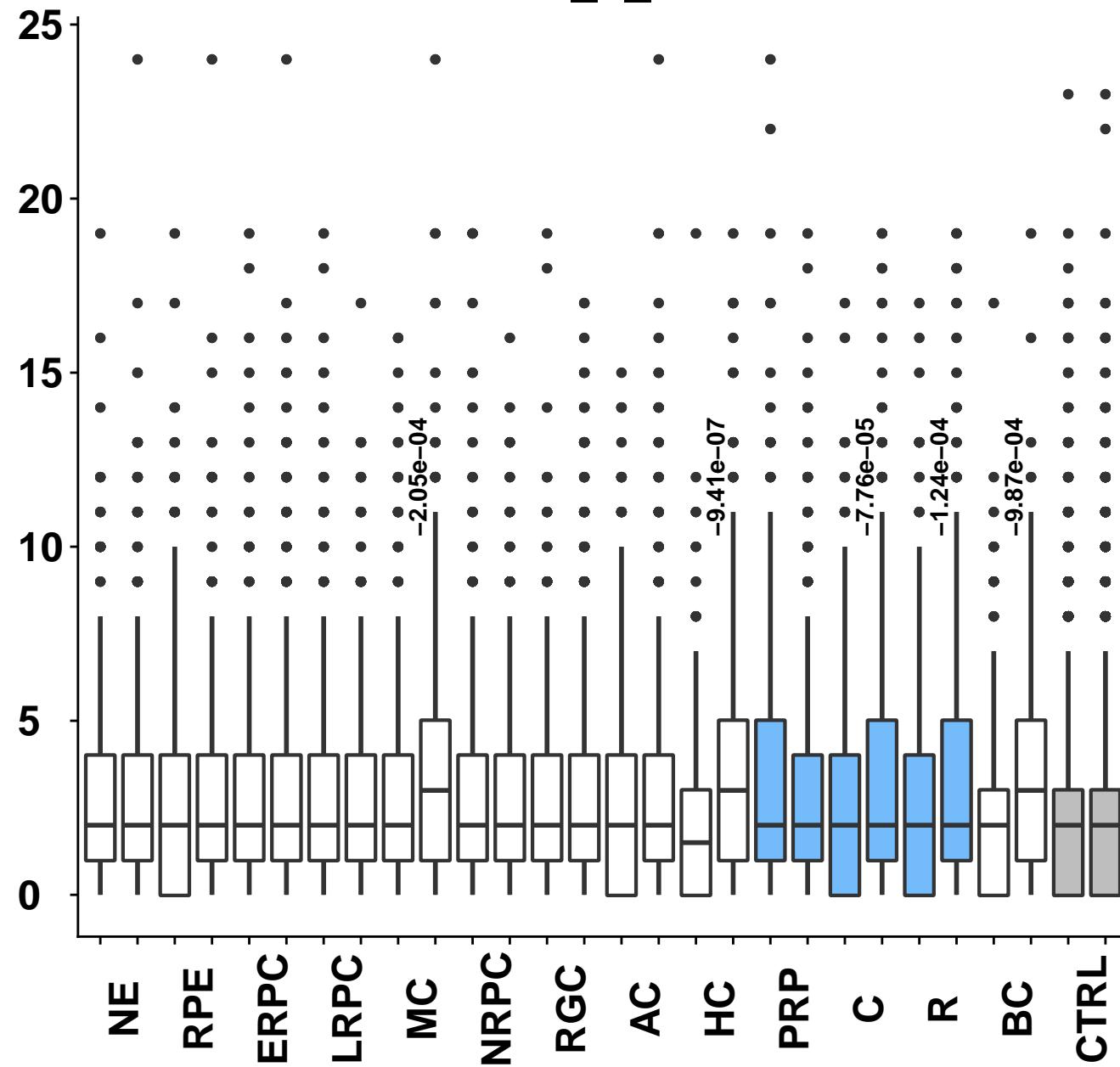
## Hif1a\_1\_total



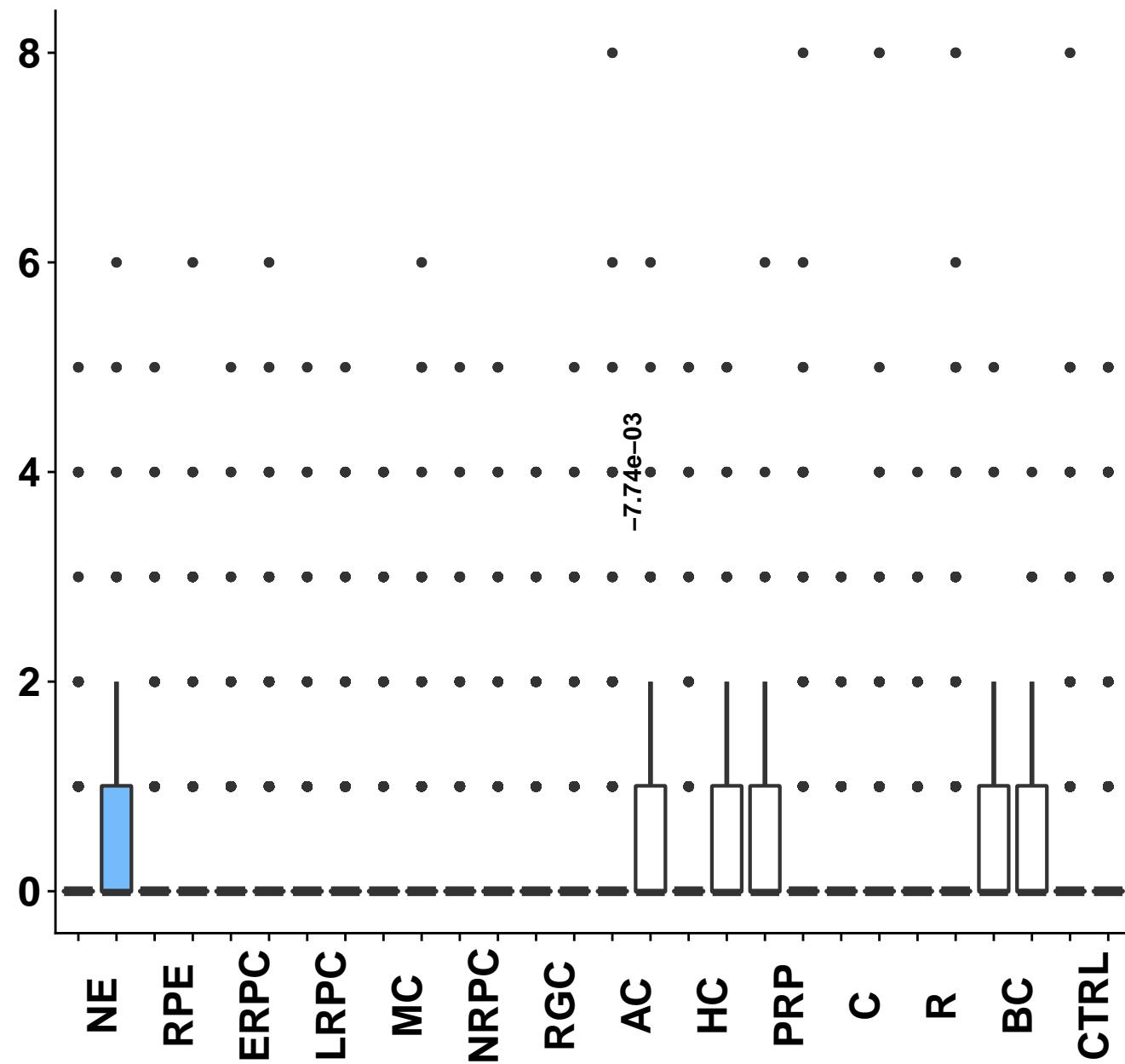
## Hif1a\_2\_total



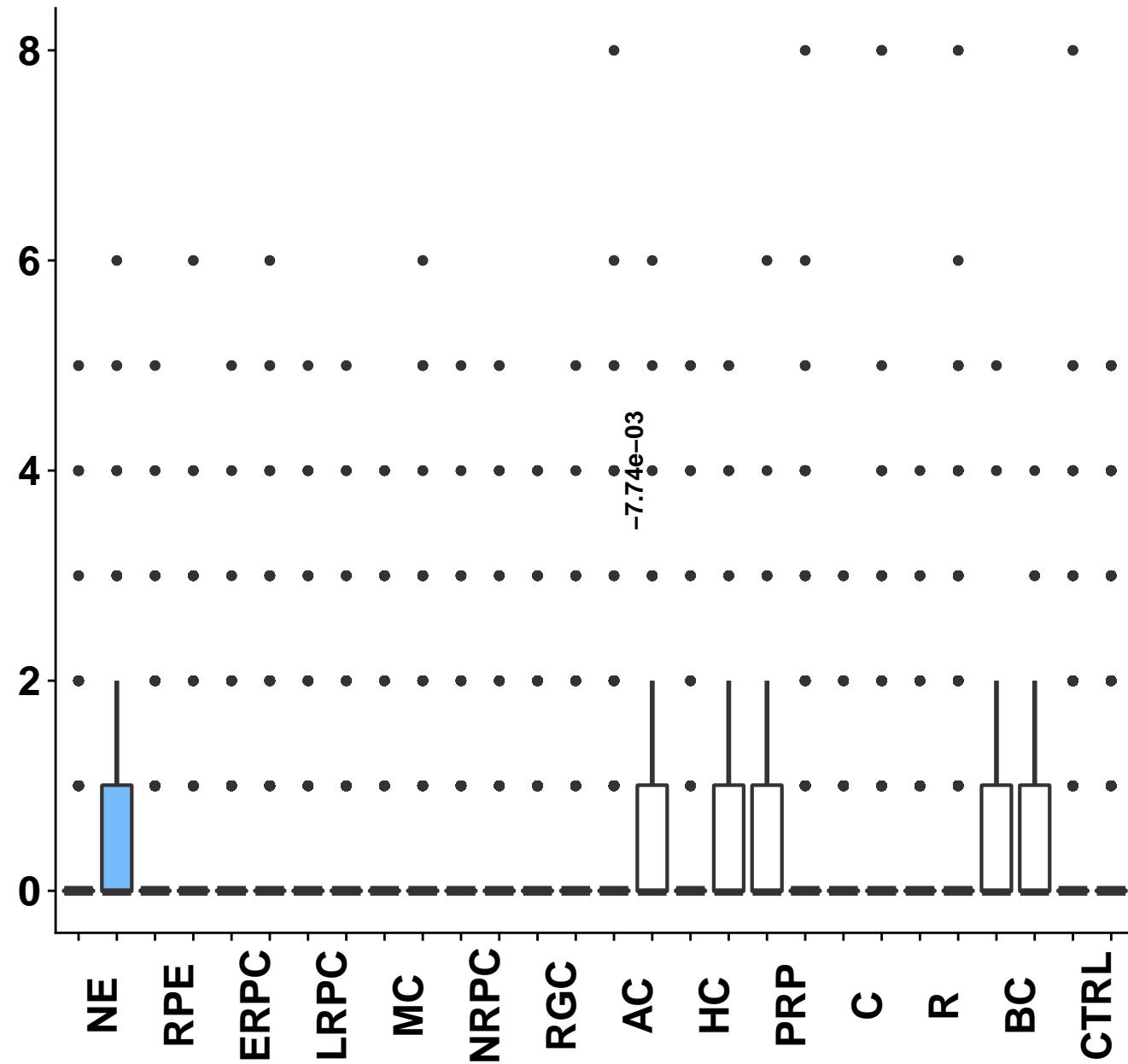
## Hif1a\_3\_total



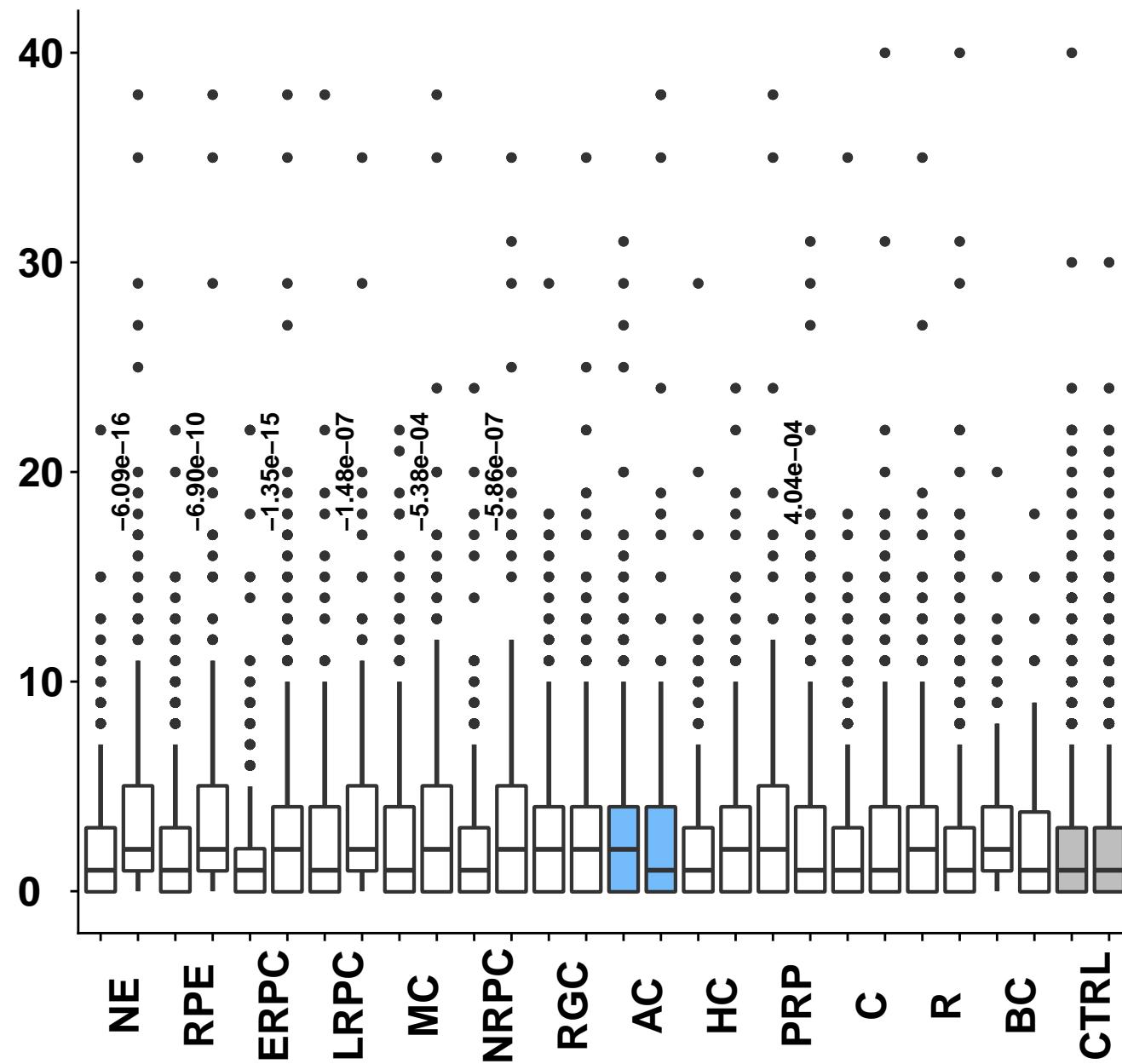
## Hmx1\_1\_total



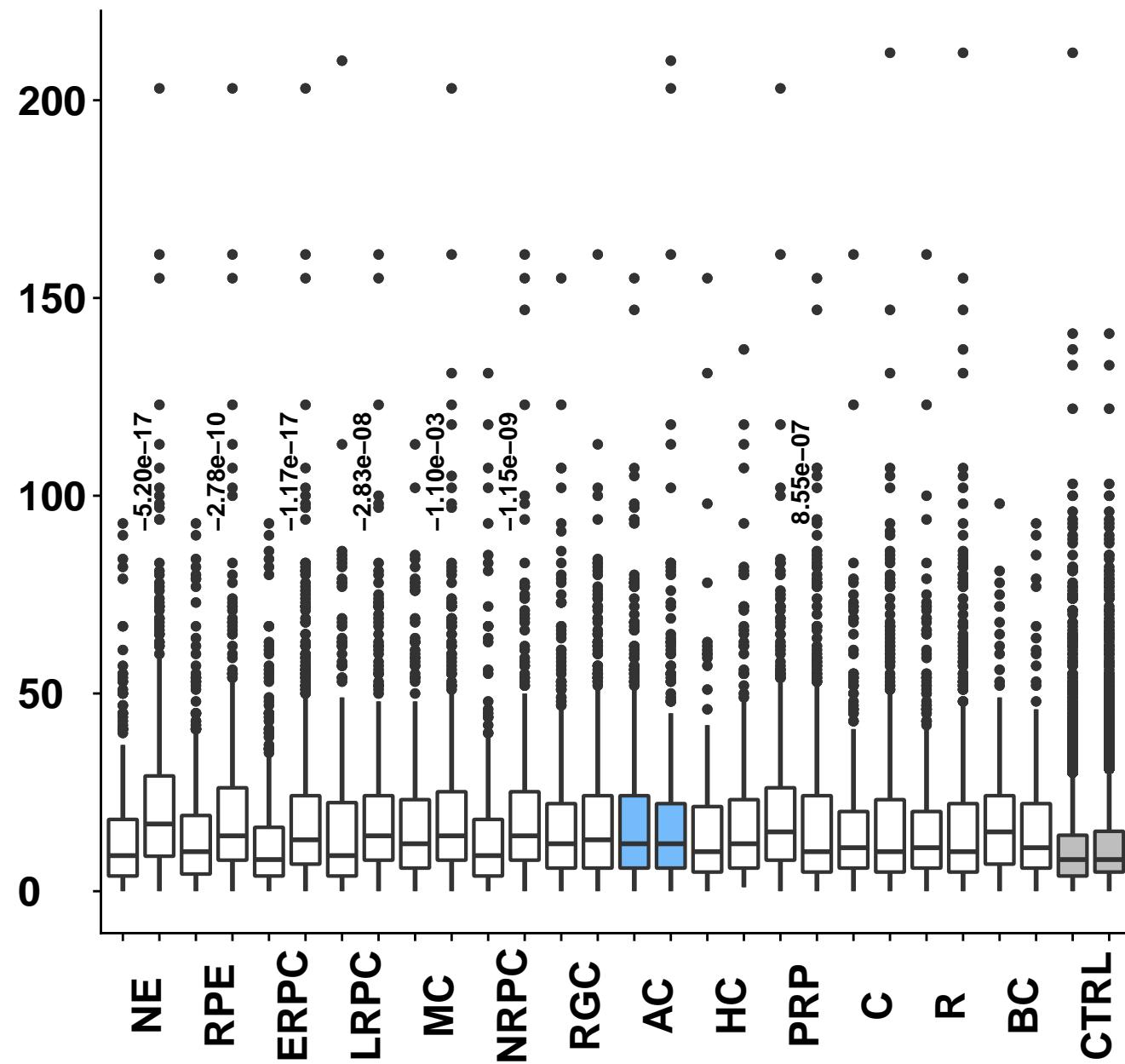
## Hmx1\_2\_total



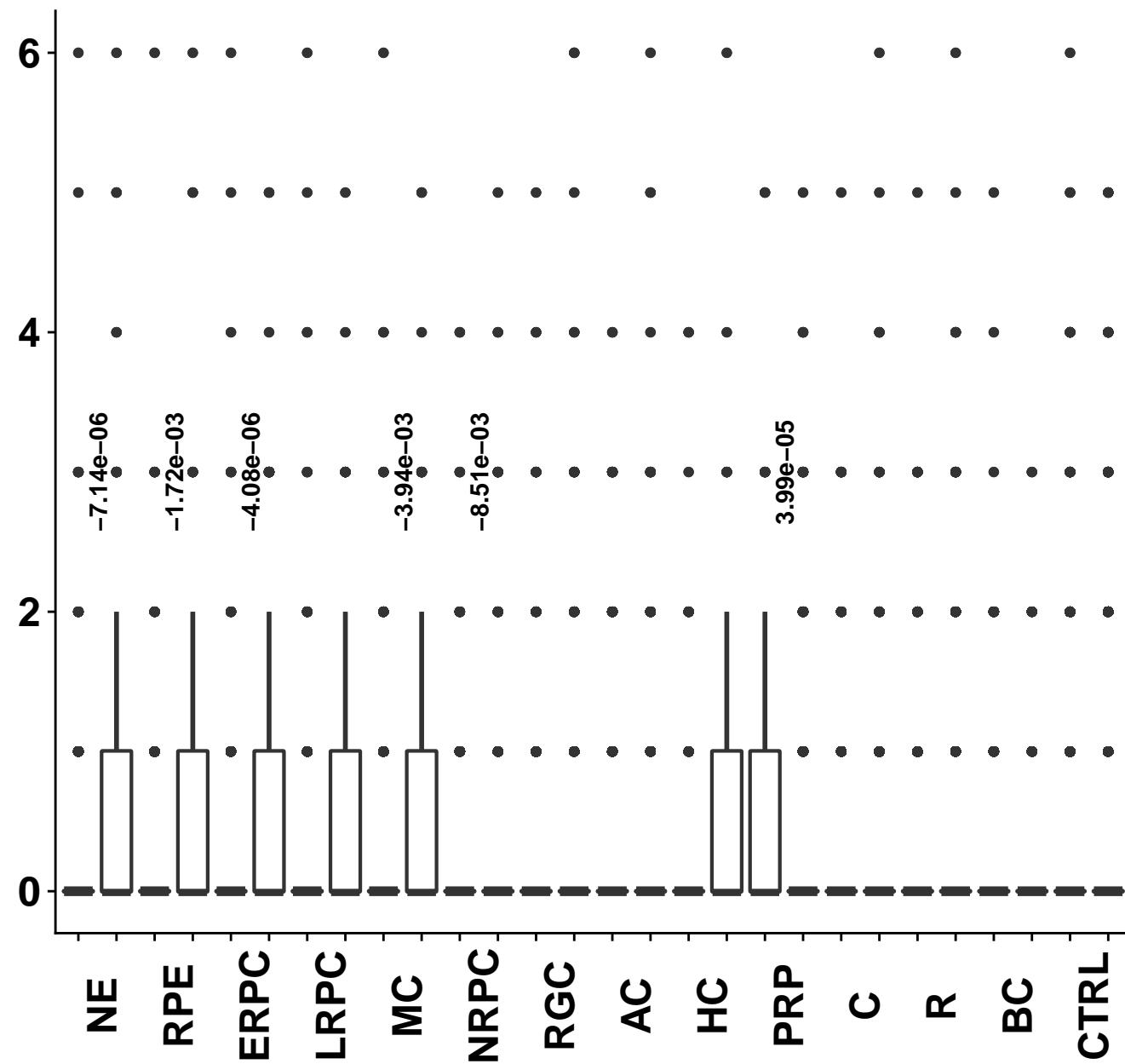
# Meis1\_1\_total



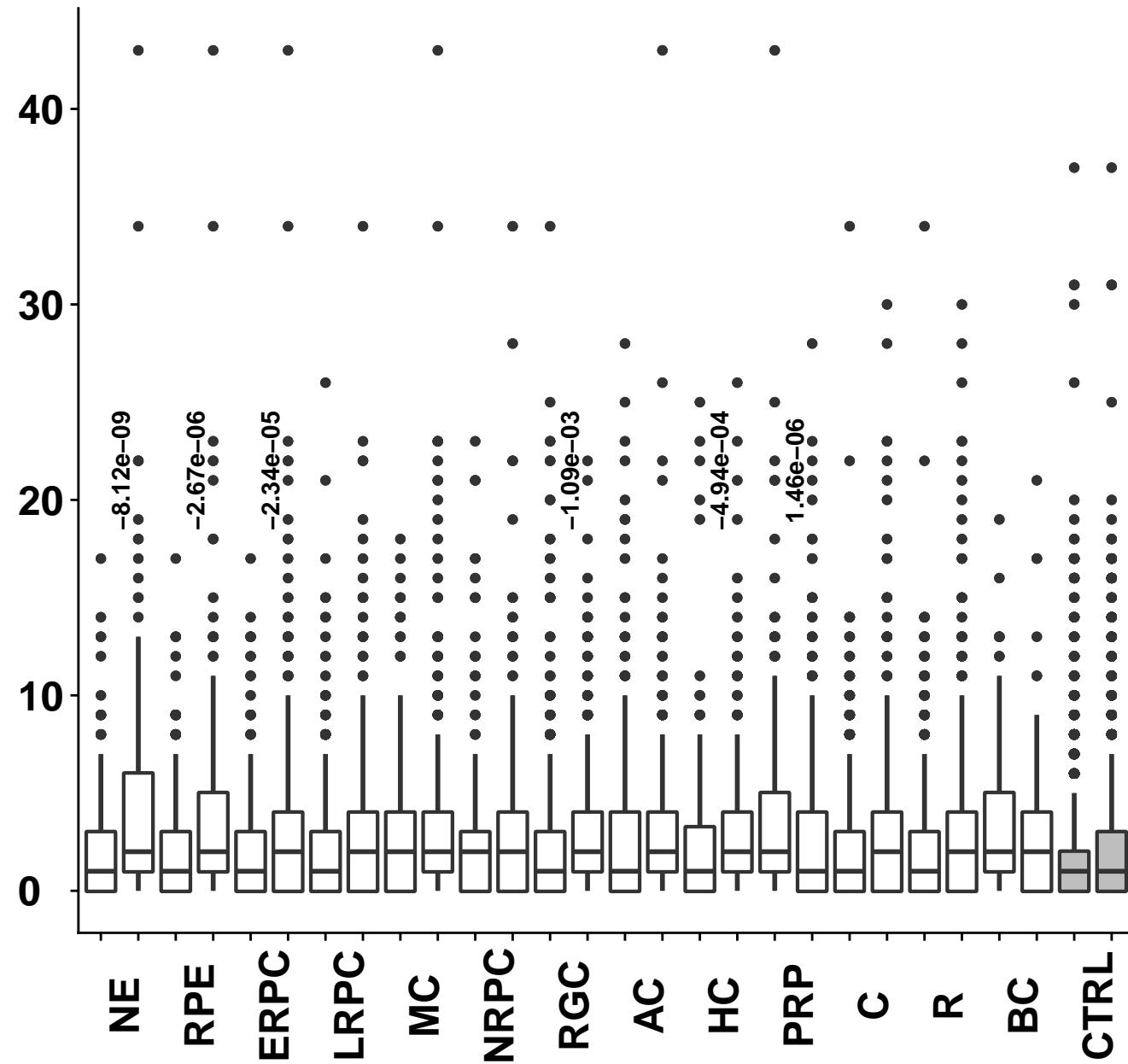
## Meis1\_2\_total



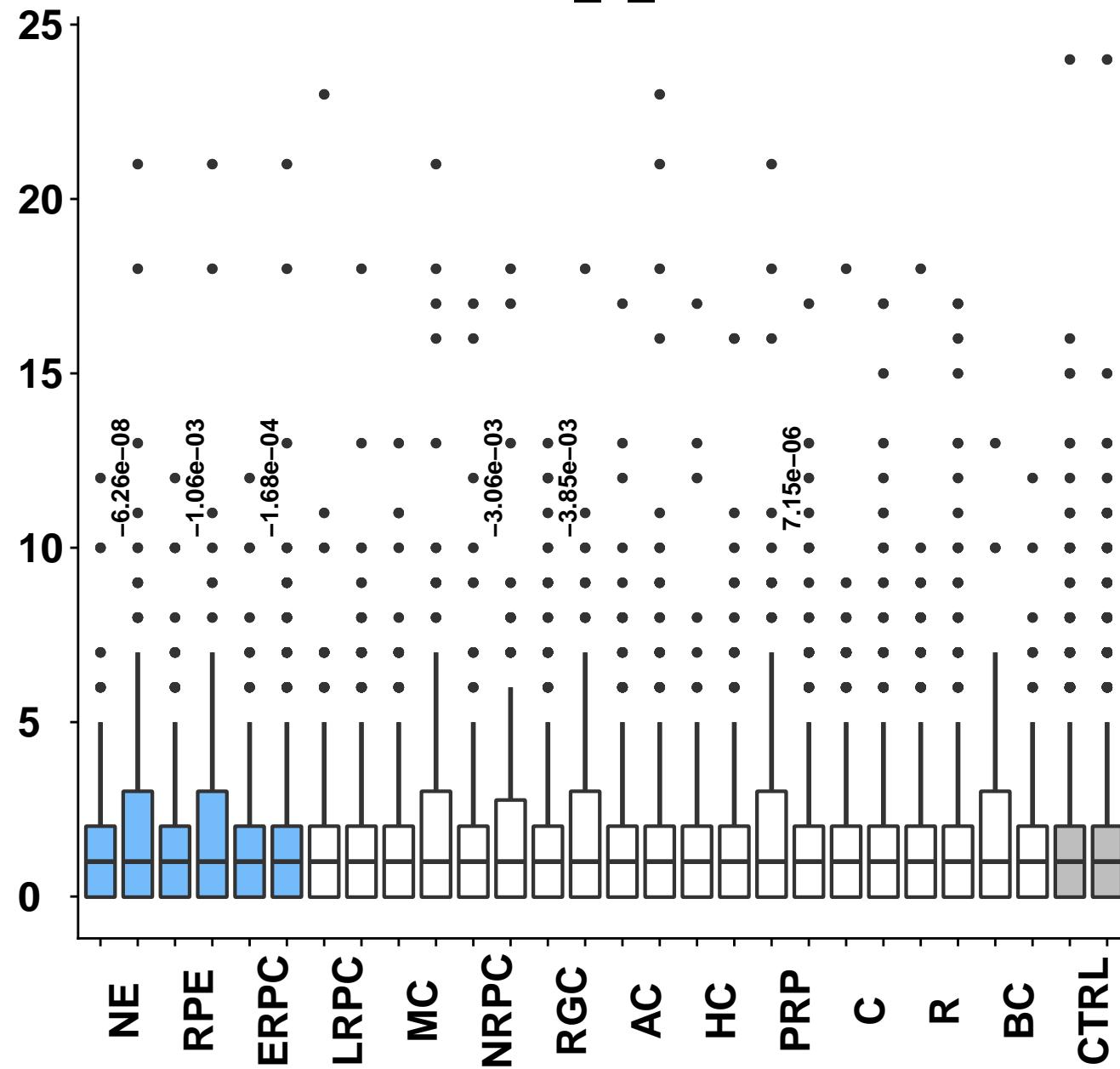
### Meis1\_3\_total



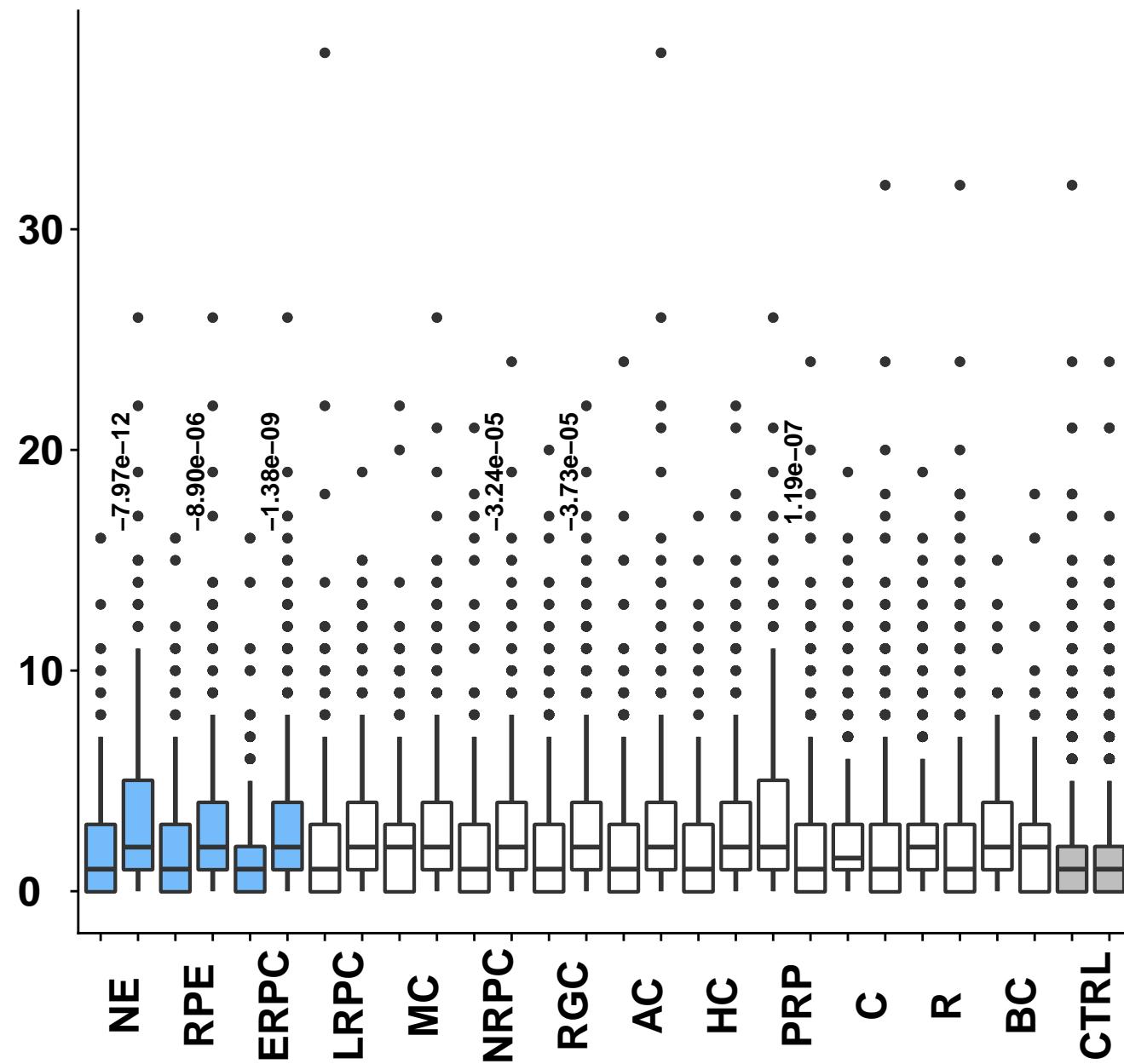
## Neurod2\_1\_total



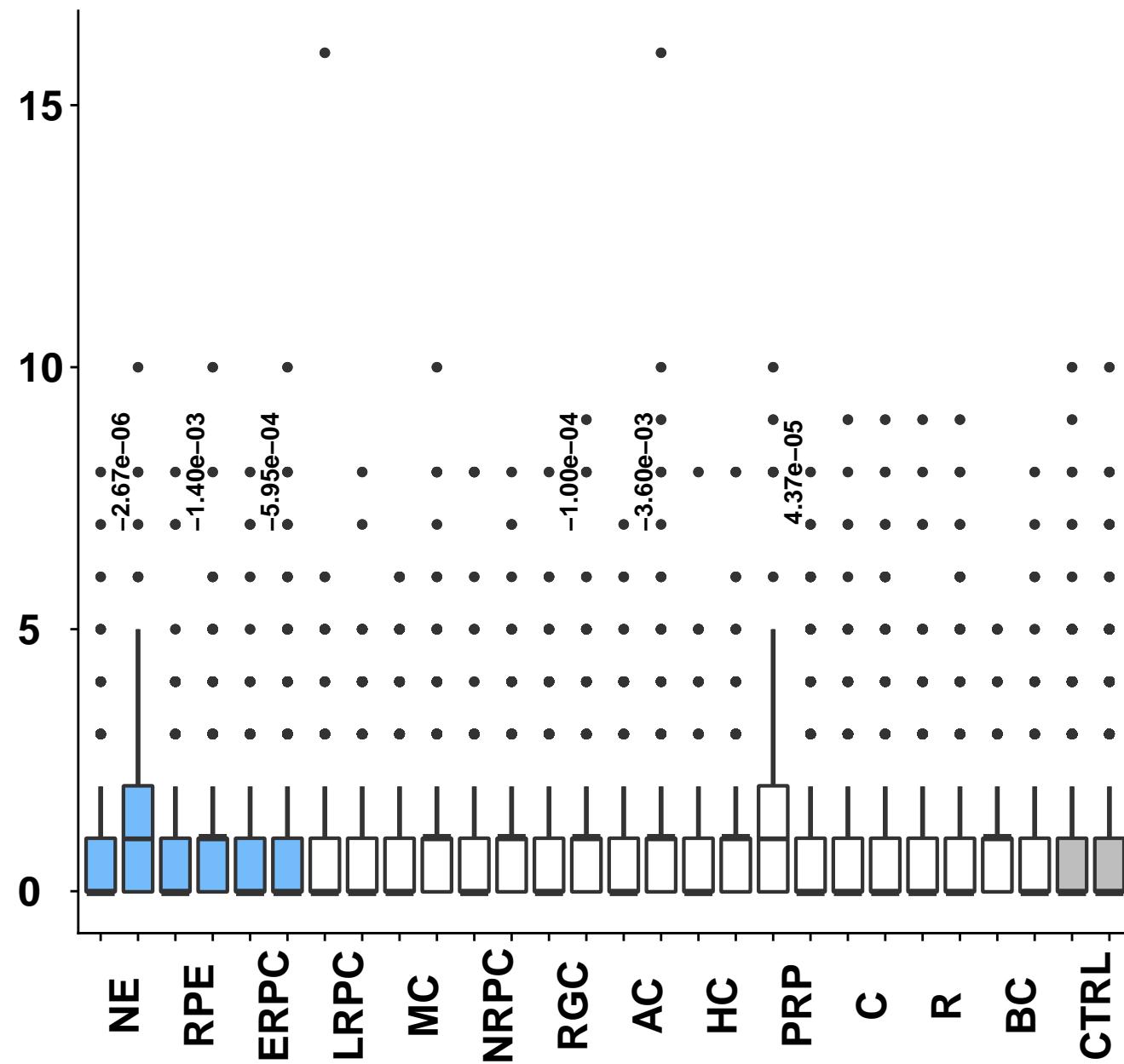
## Nr2f2\_1\_total



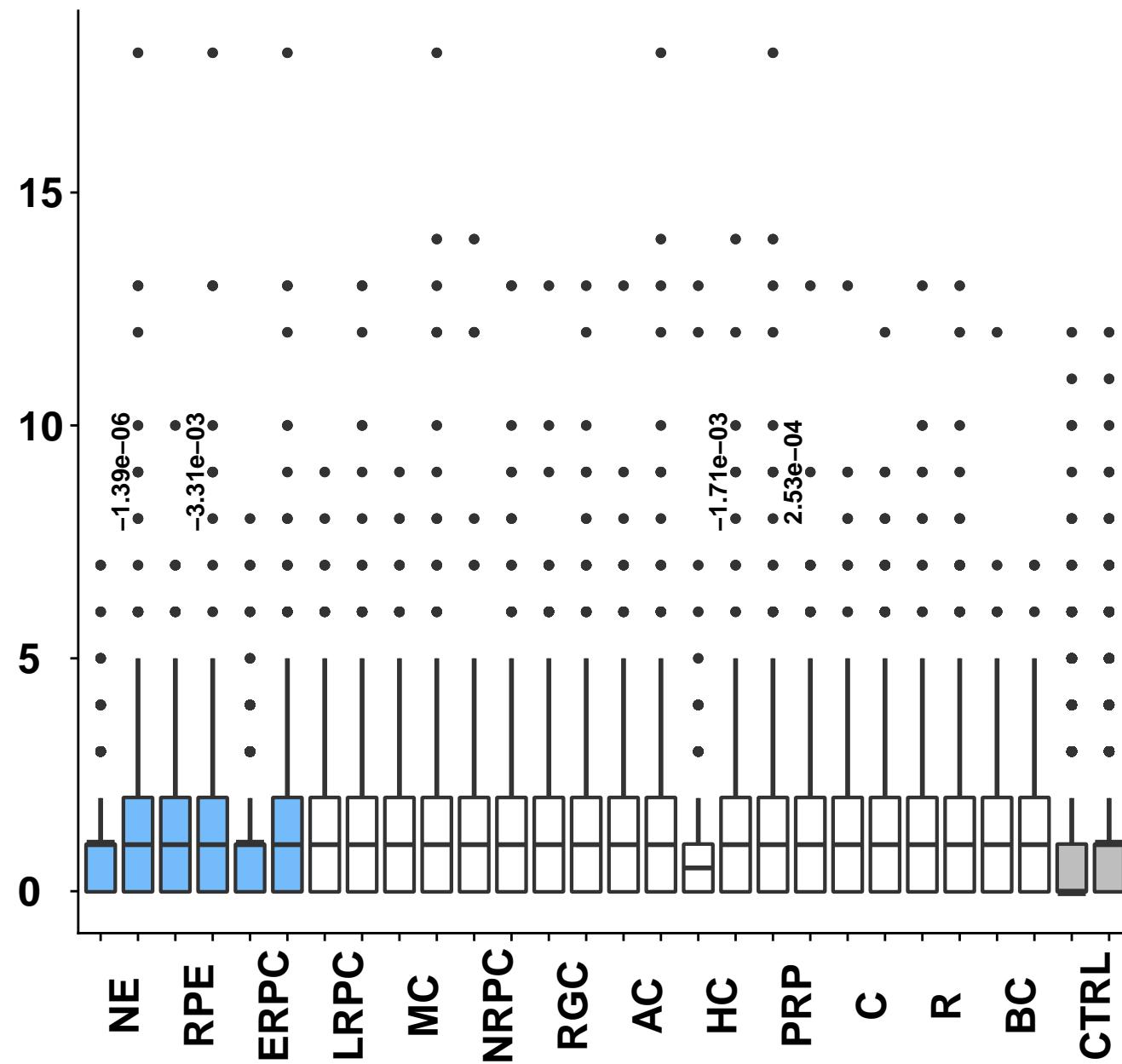
## Nr2f2\_2\_total



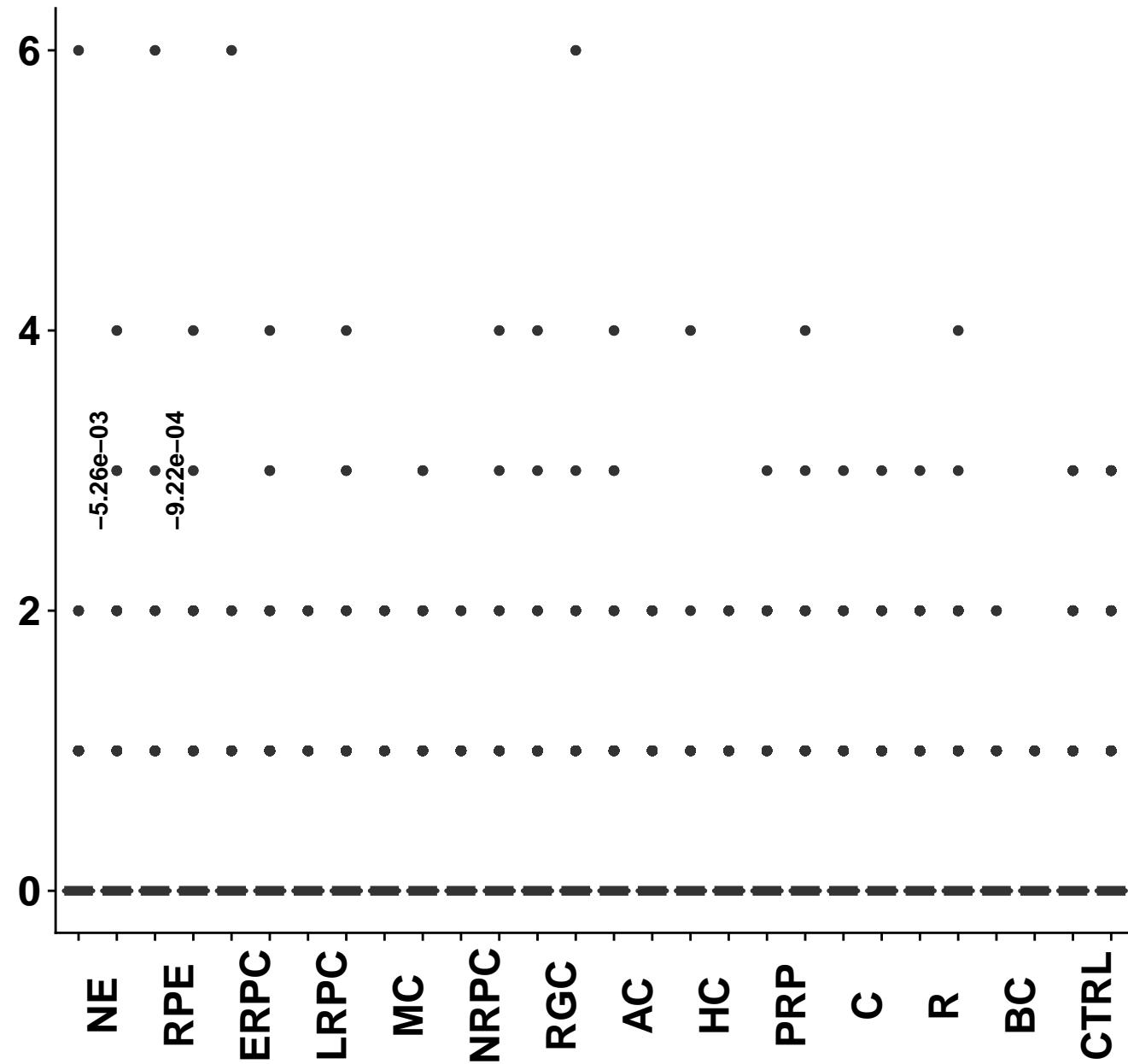
## Nr2f2\_3\_total



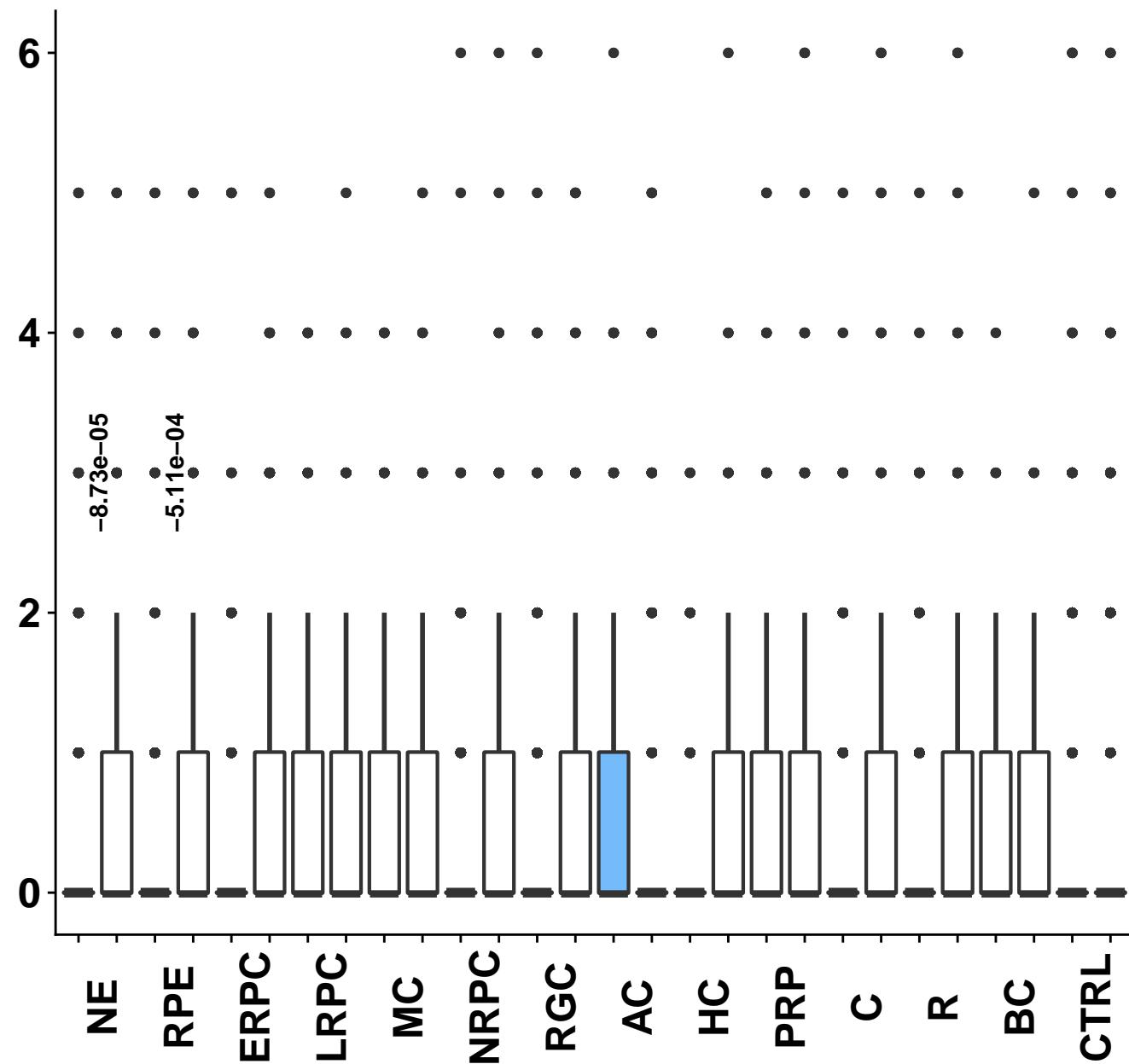
## Nr2f2\_4\_total



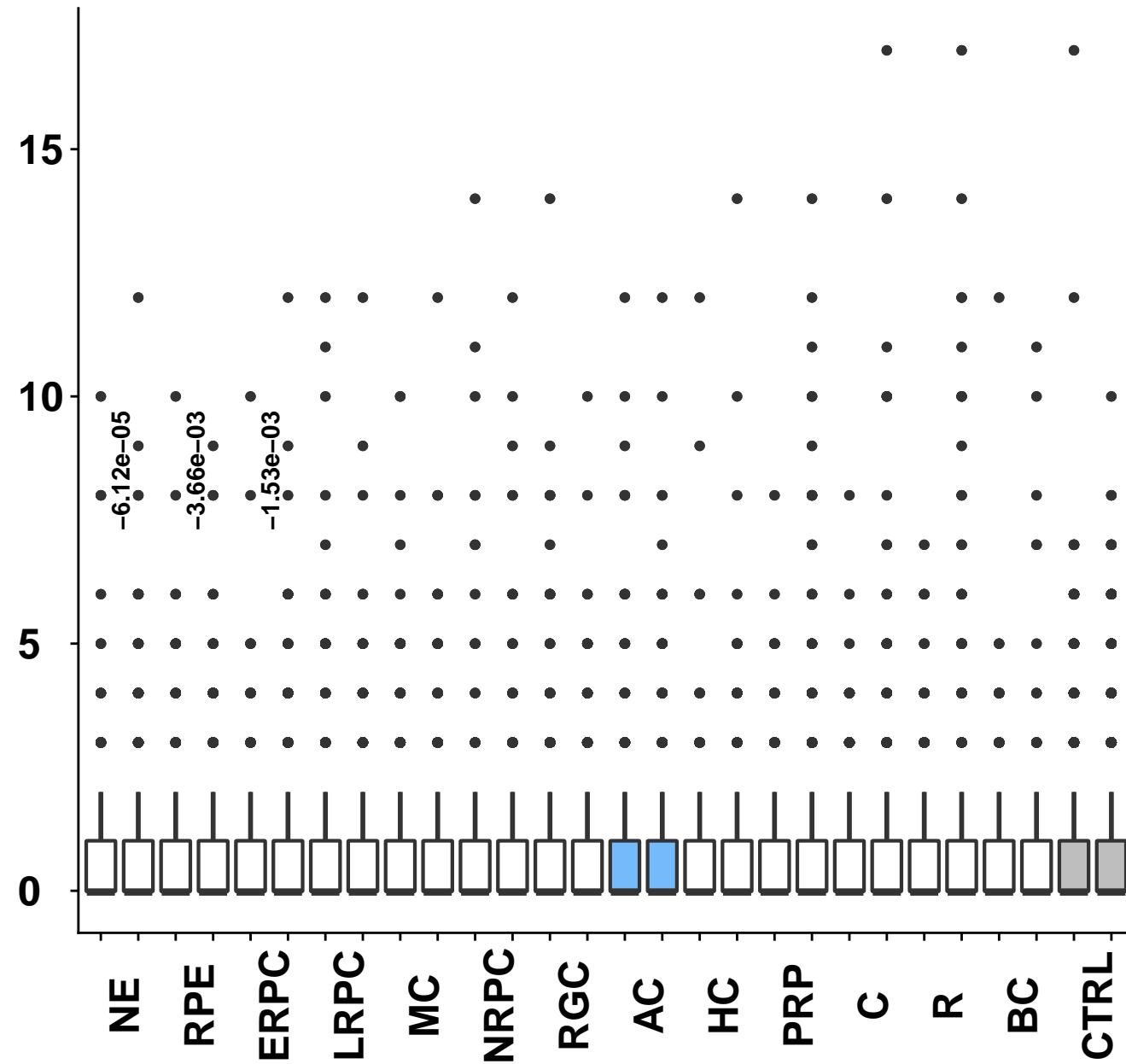
## Pbx1\_1\_total



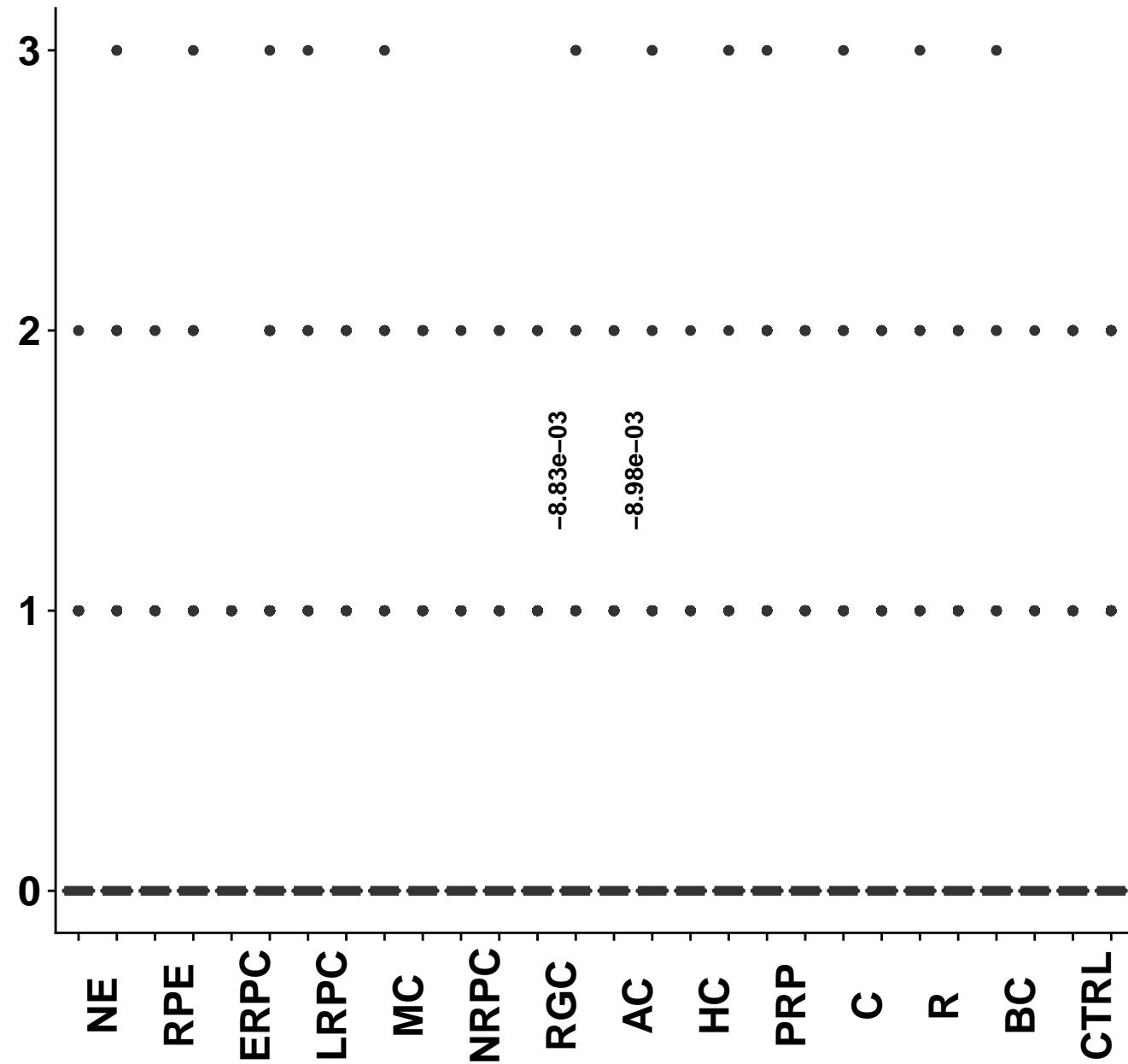
## Pbx1\_2\_total



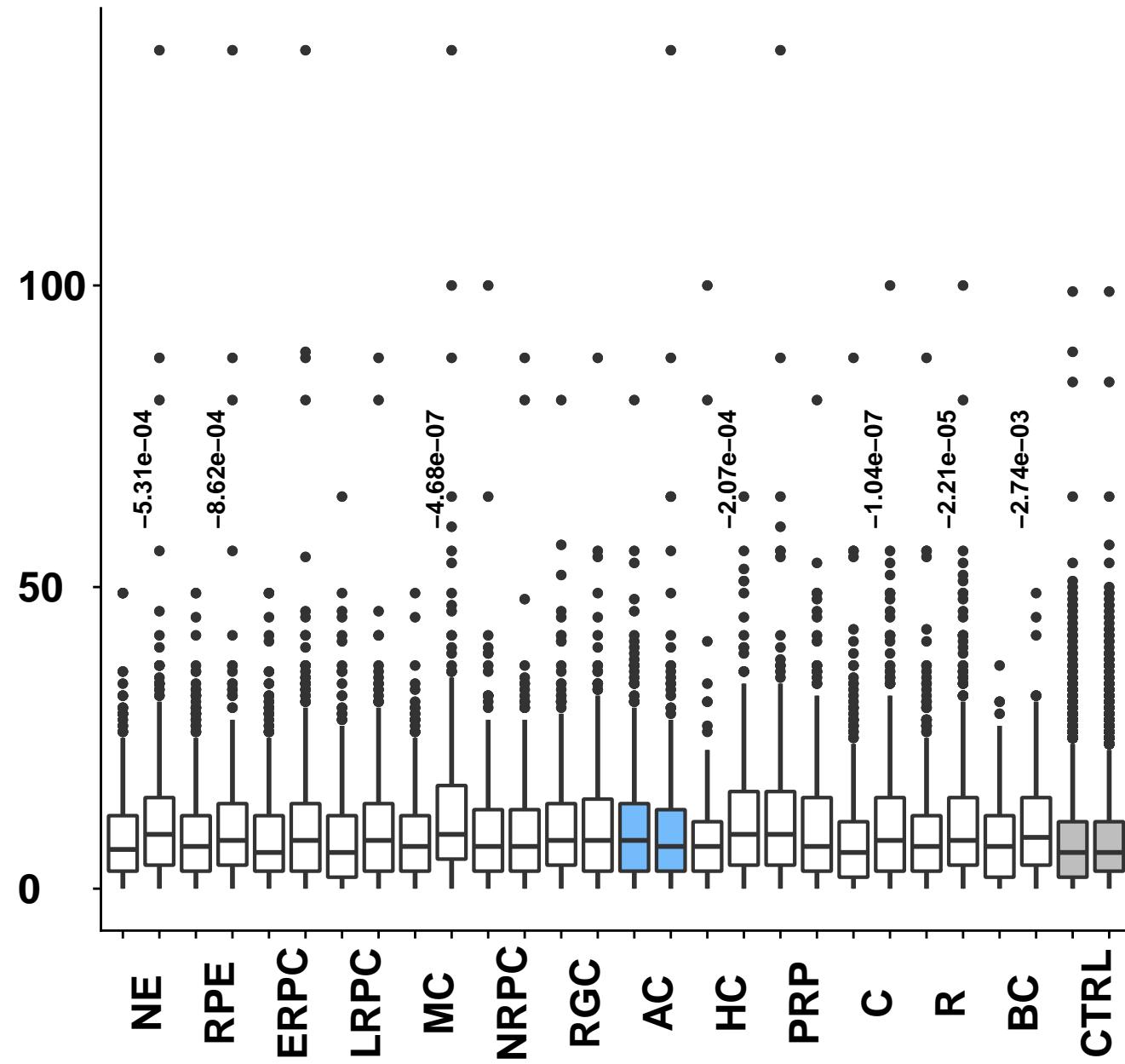
## Pbx1\_3\_total



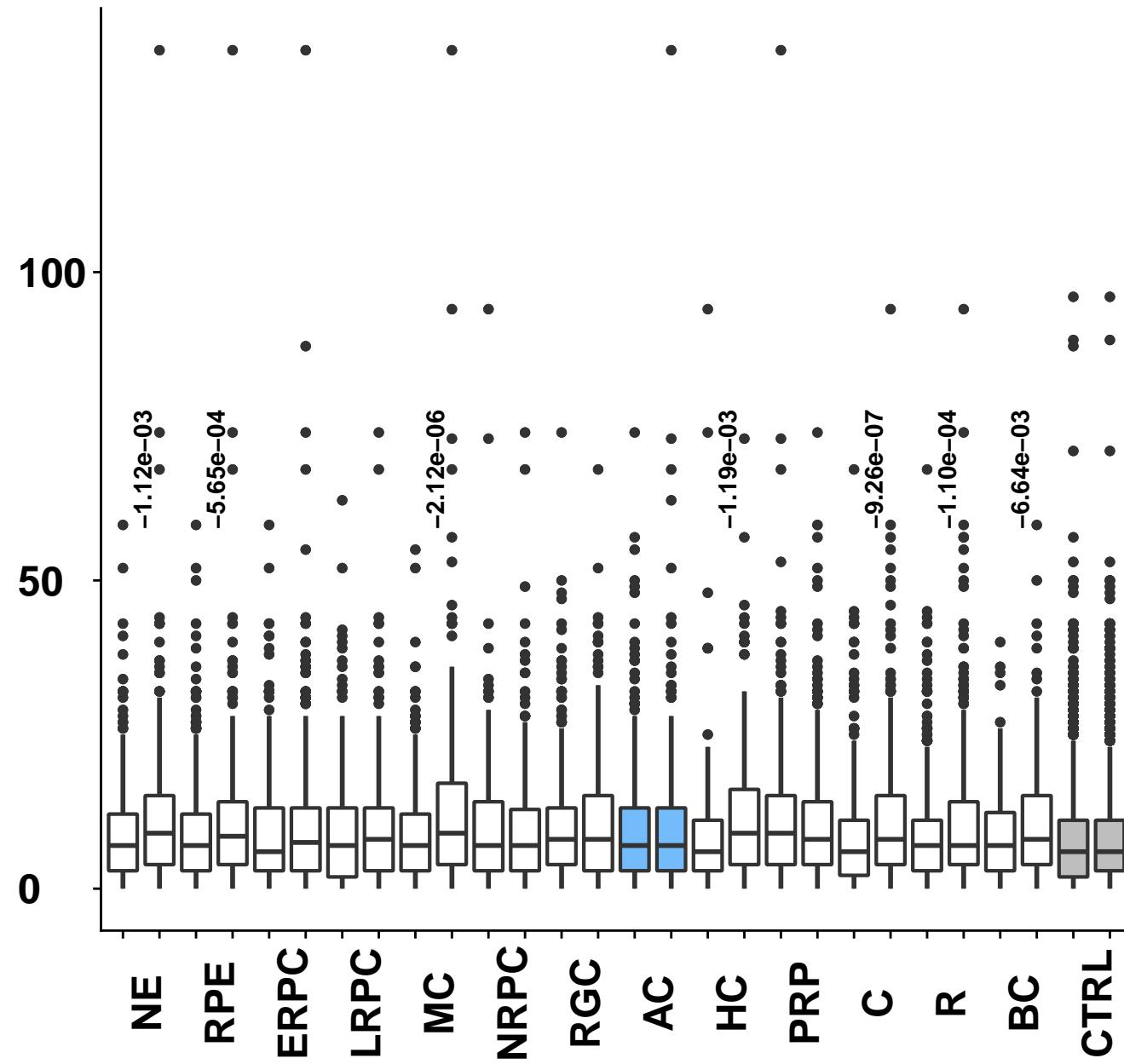
## Scrt2\_1\_total



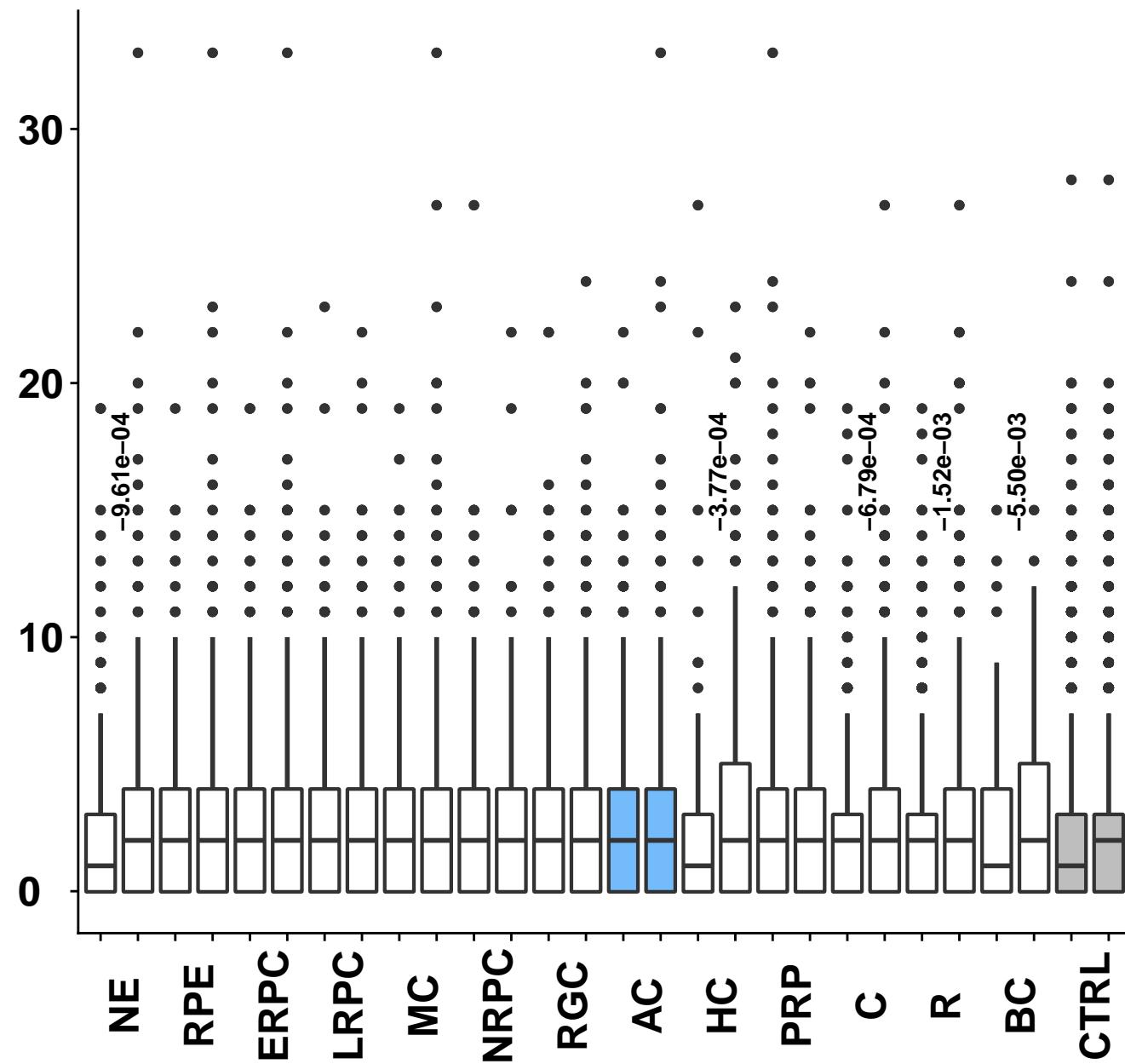
## Tfap2a\_1\_total



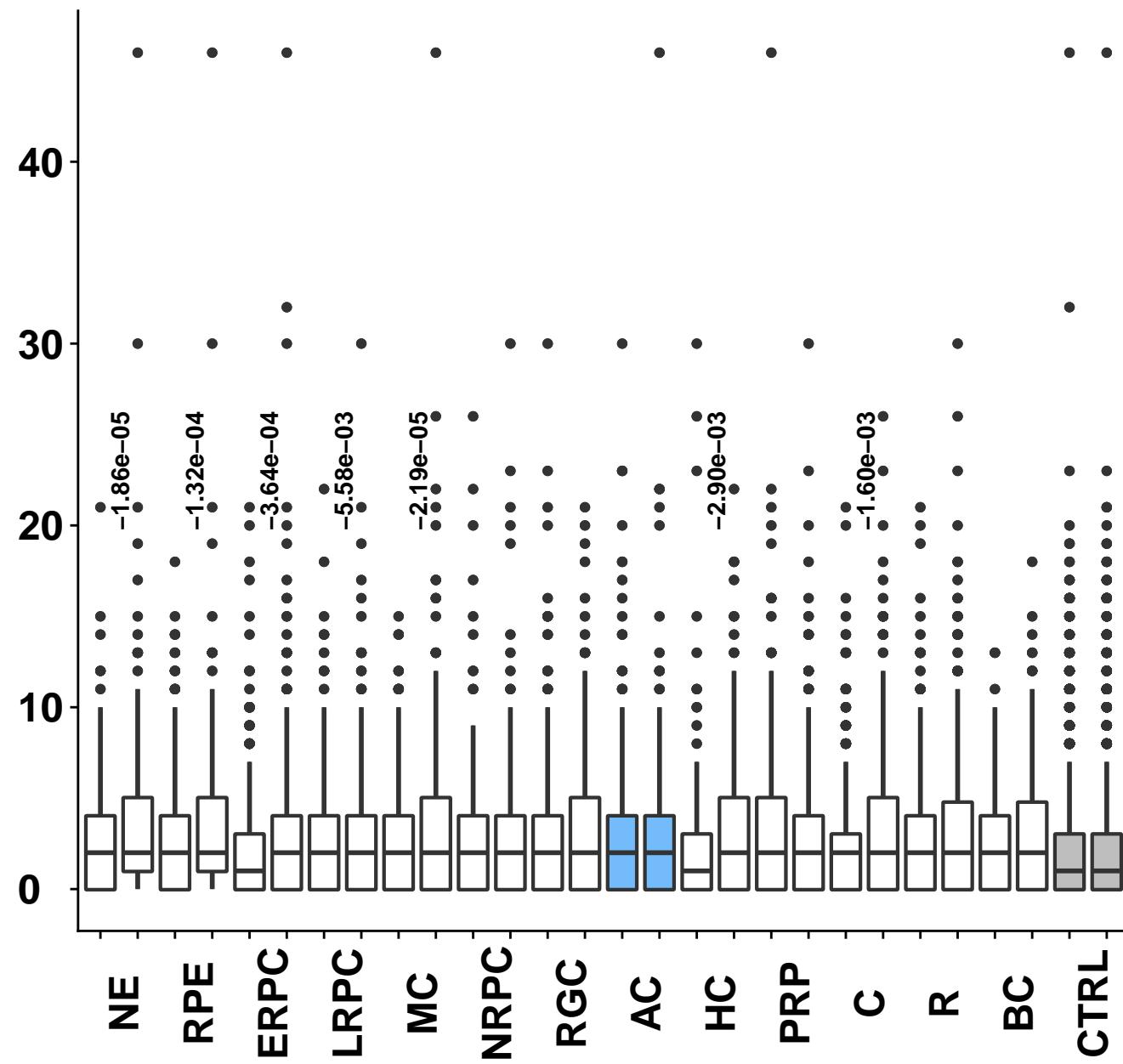
## Tfap2a\_2\_total



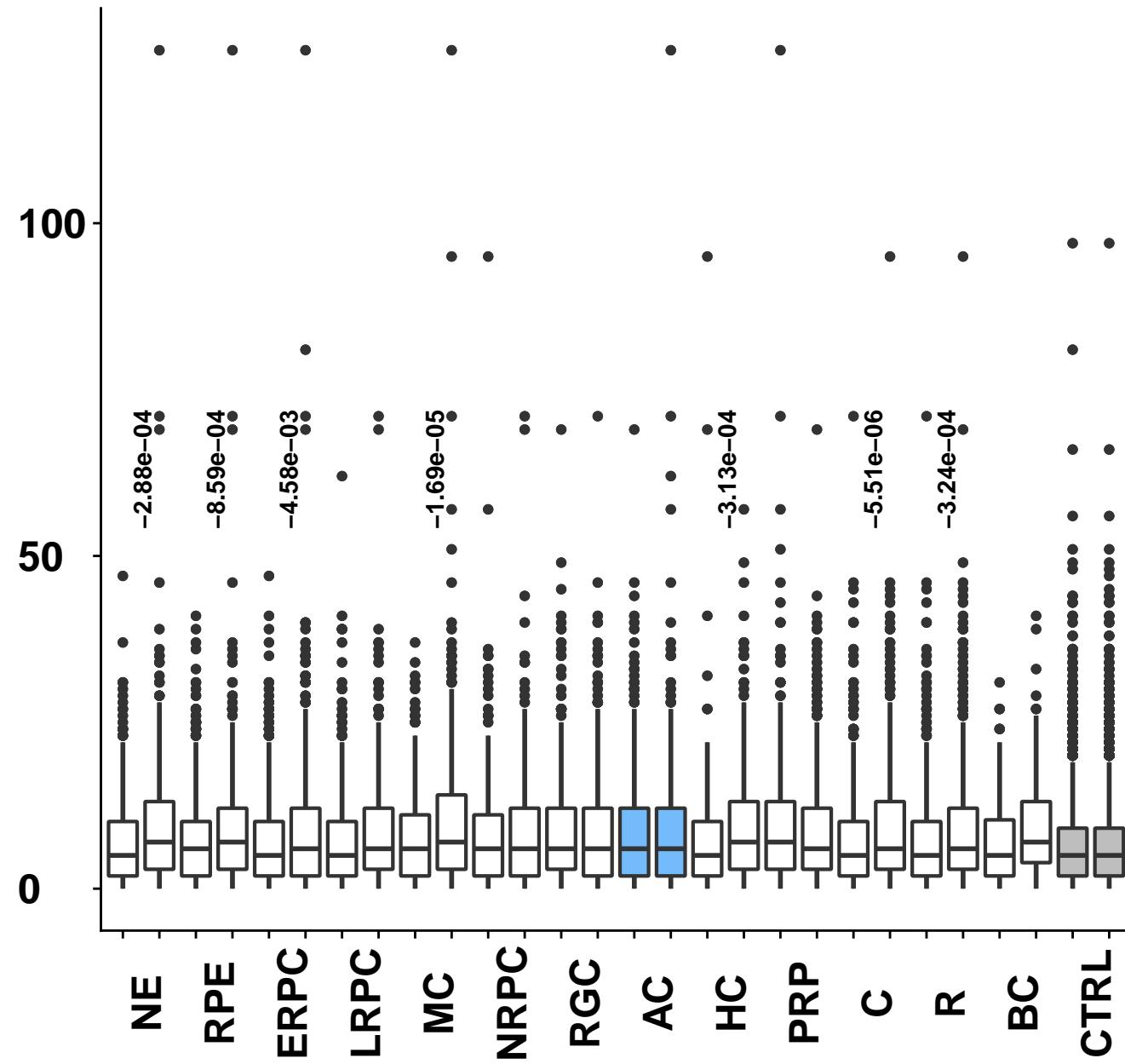
## Tfap2a\_3\_total



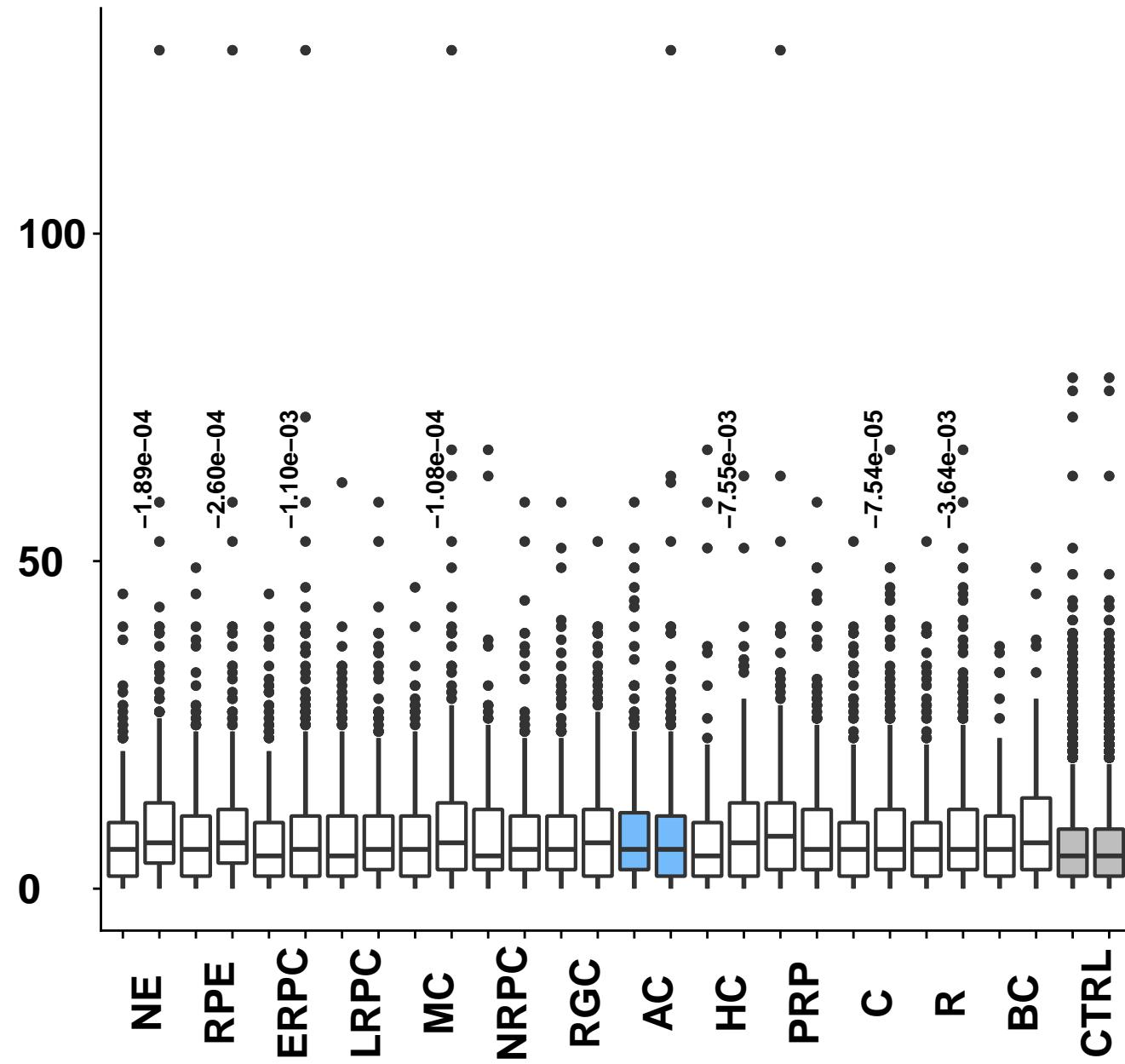
## Tfap2c\_1\_total



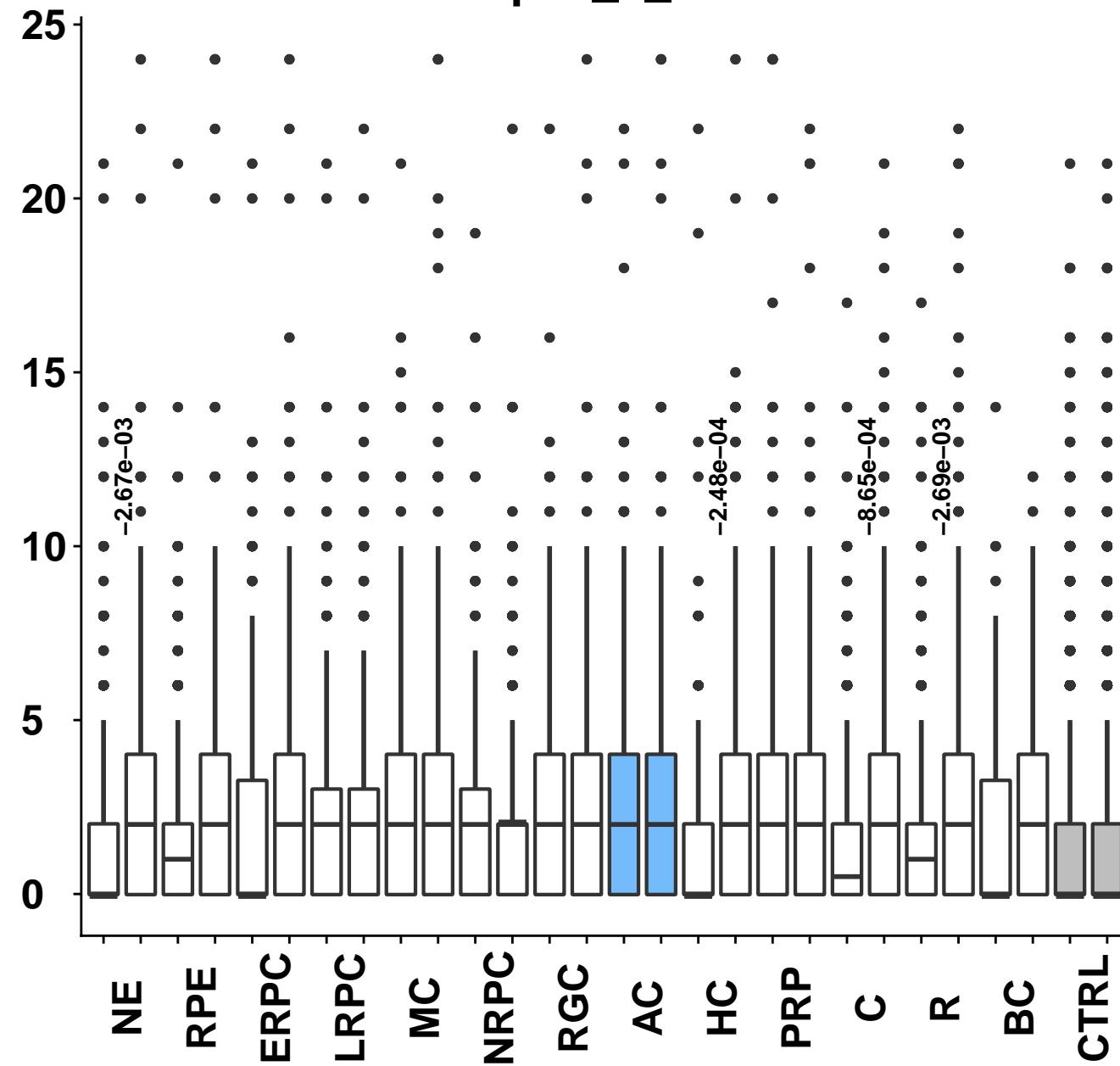
## Tfap2c\_2\_total



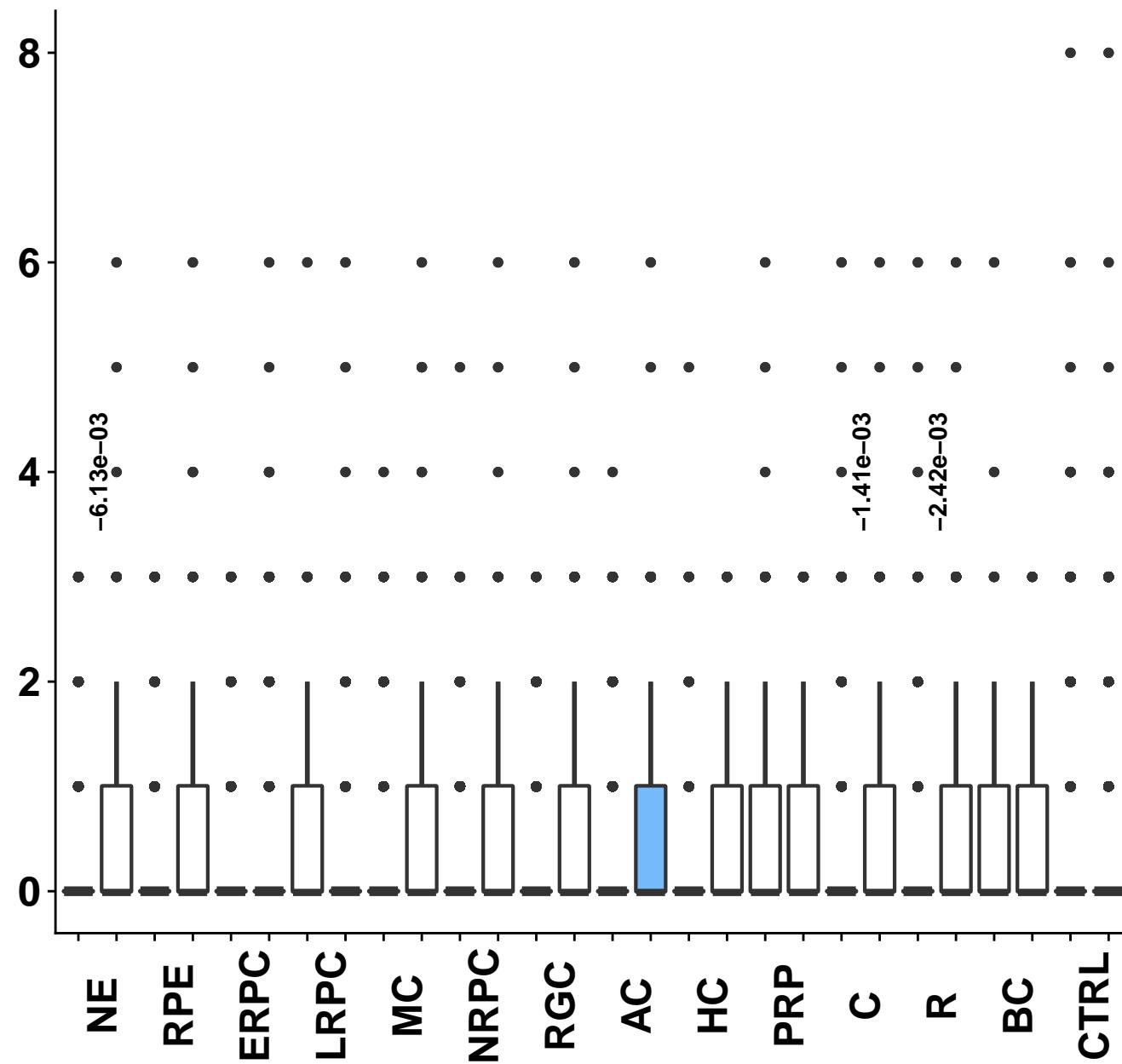
### Tfap2c\_3\_total



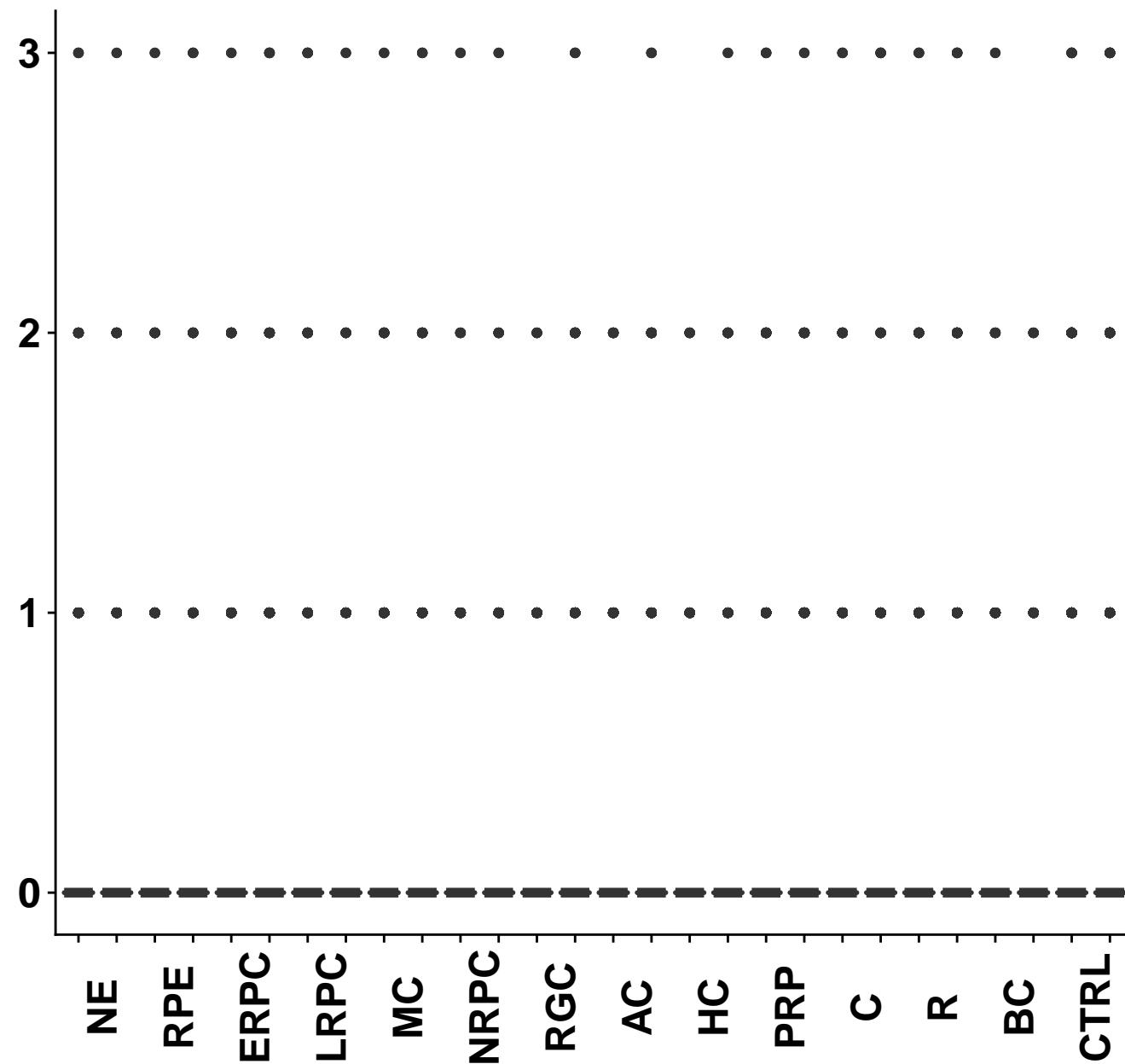
## Tfap2c\_4\_total



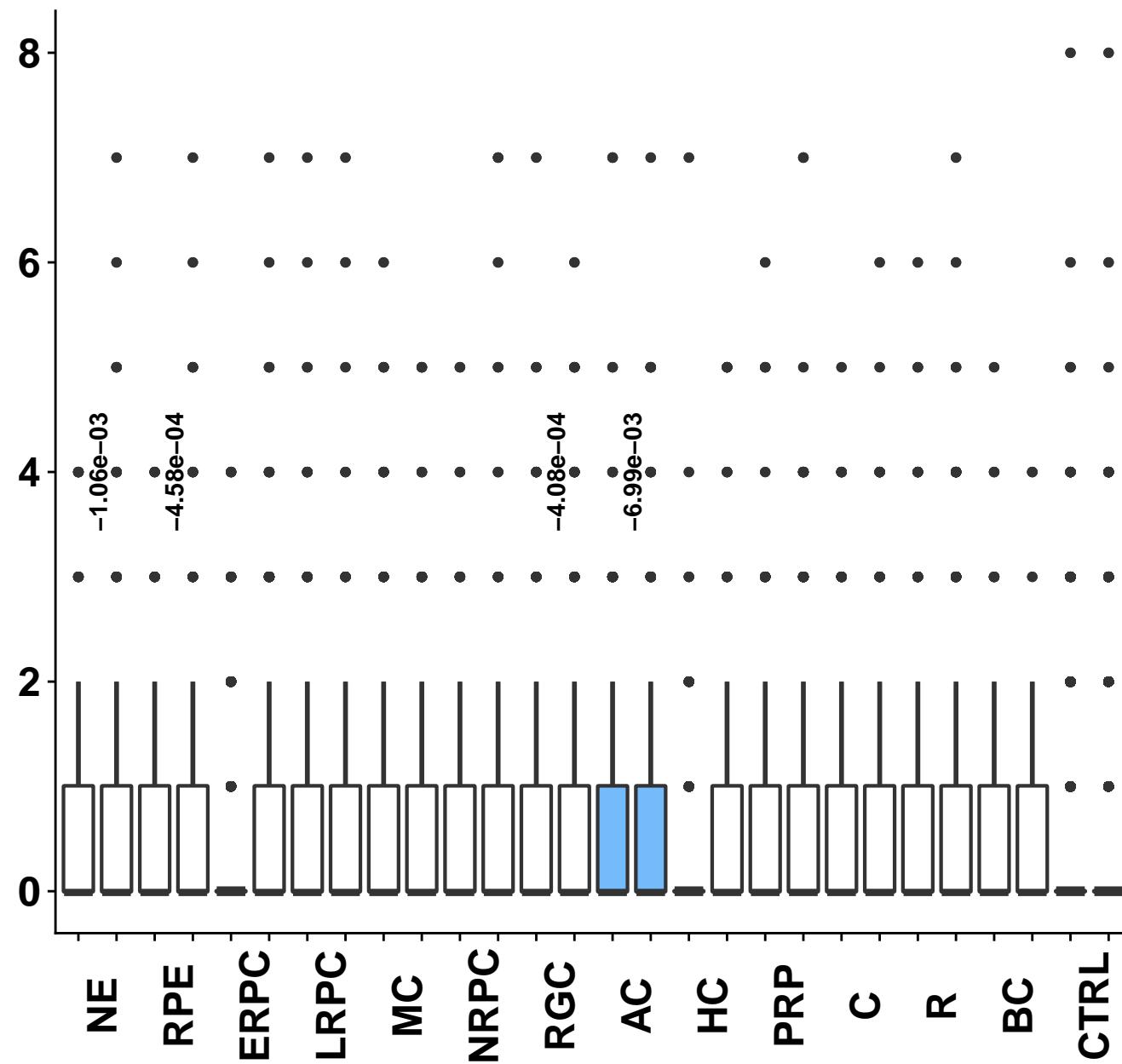
# Zbtb12\_1\_total



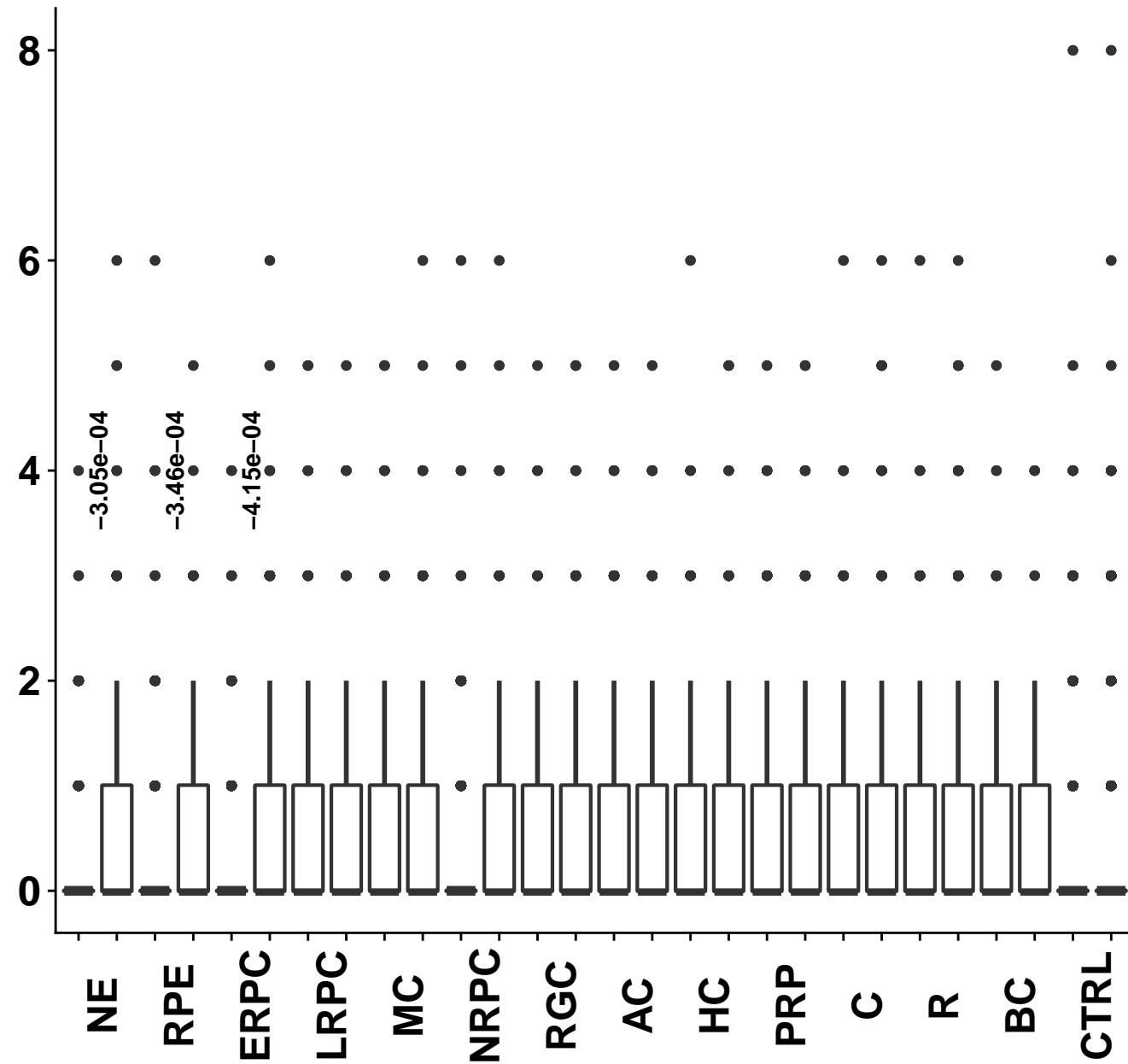
## Zbtb12\_2\_total



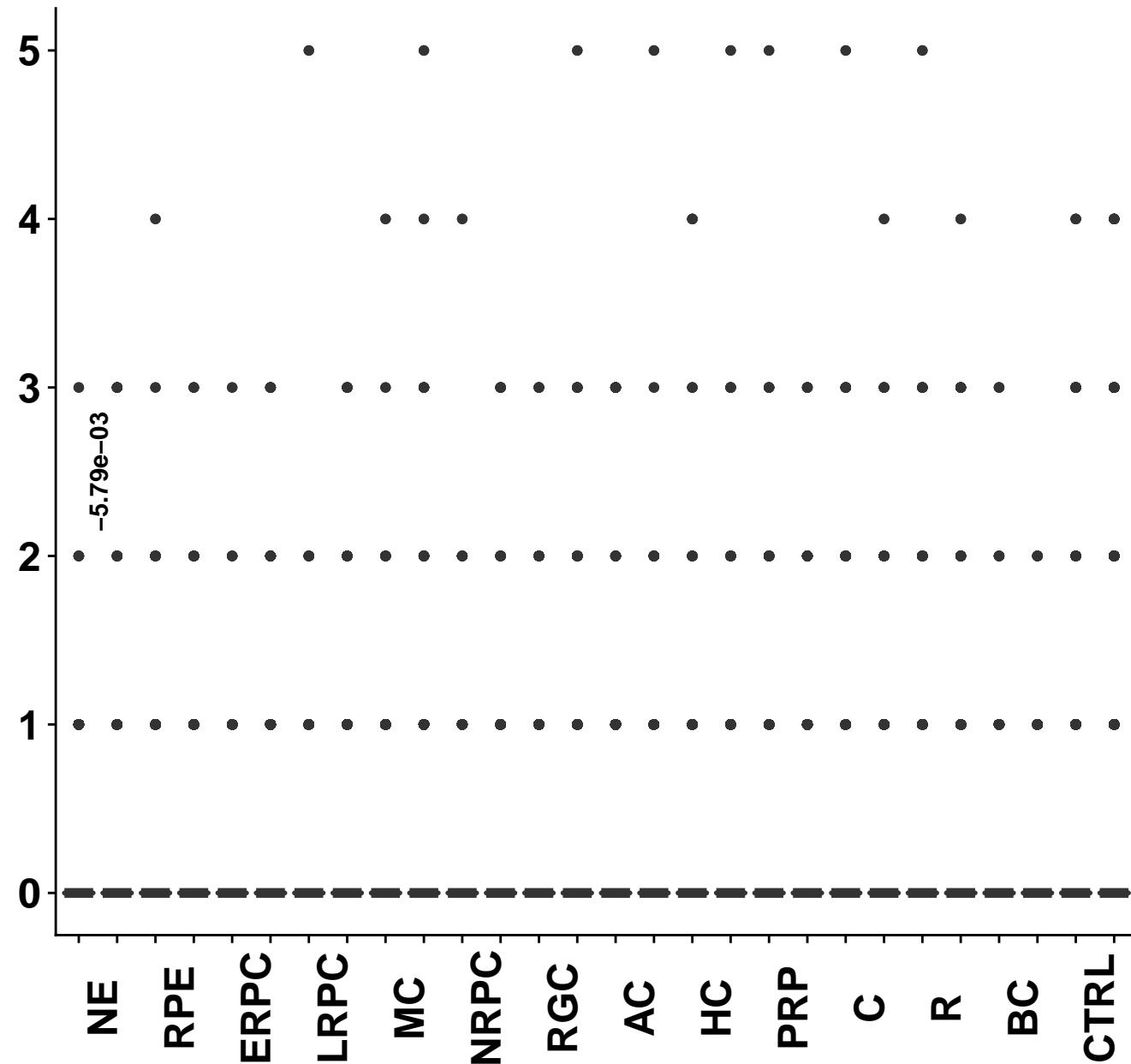
## Zbtb12\_3\_total



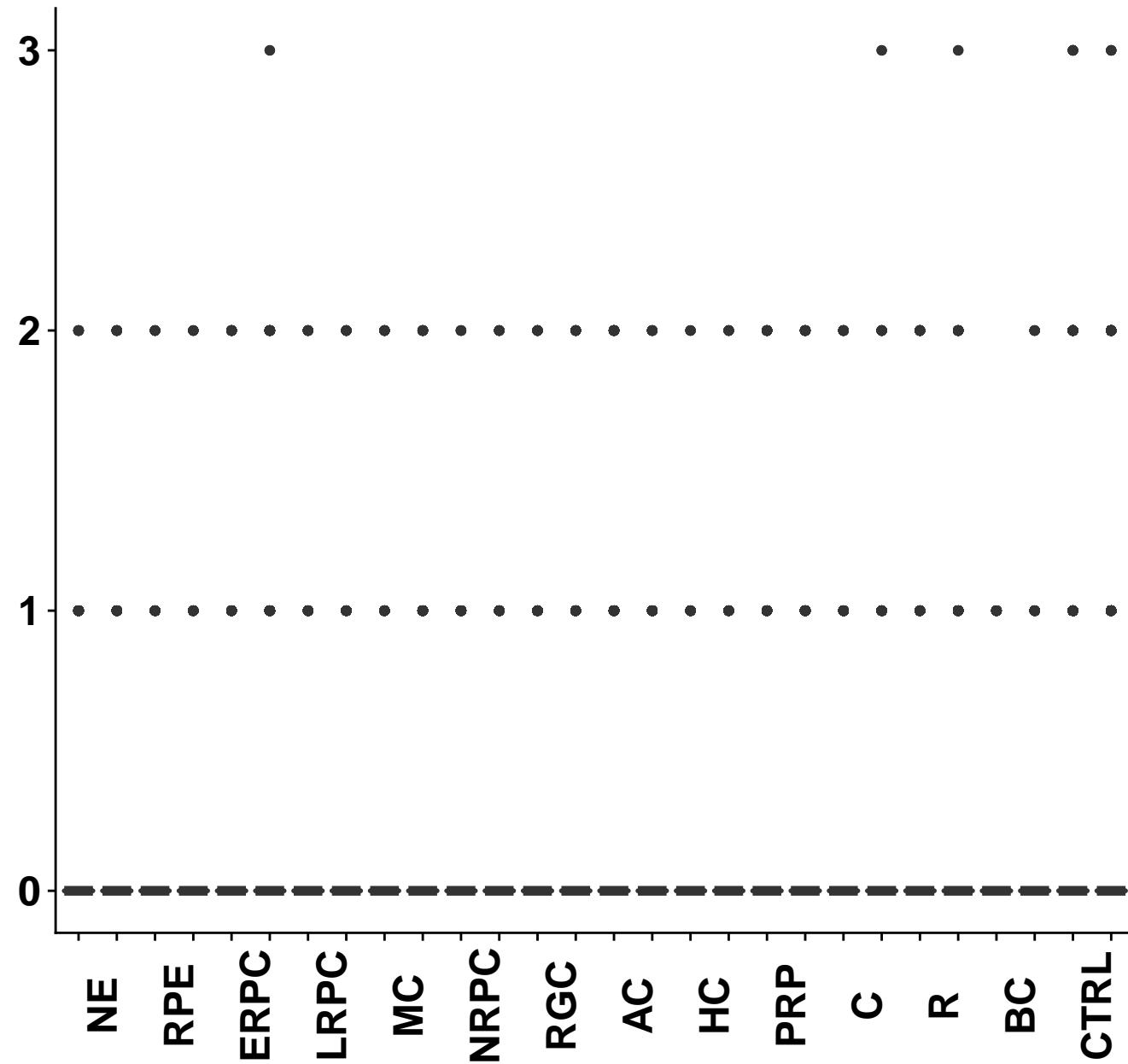
## Esrrb\_1\_total



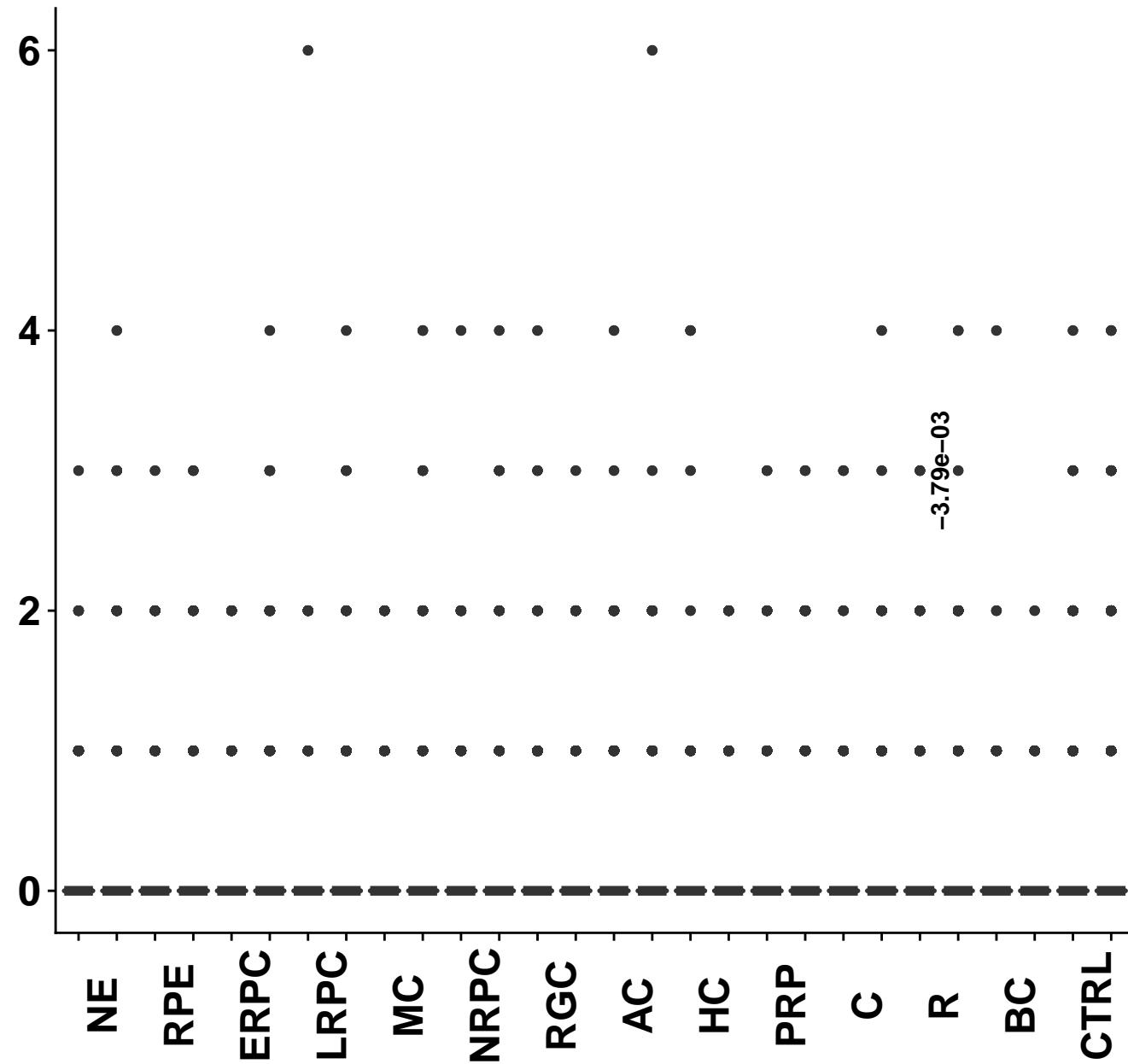
## **Esrrb\_2\_total**



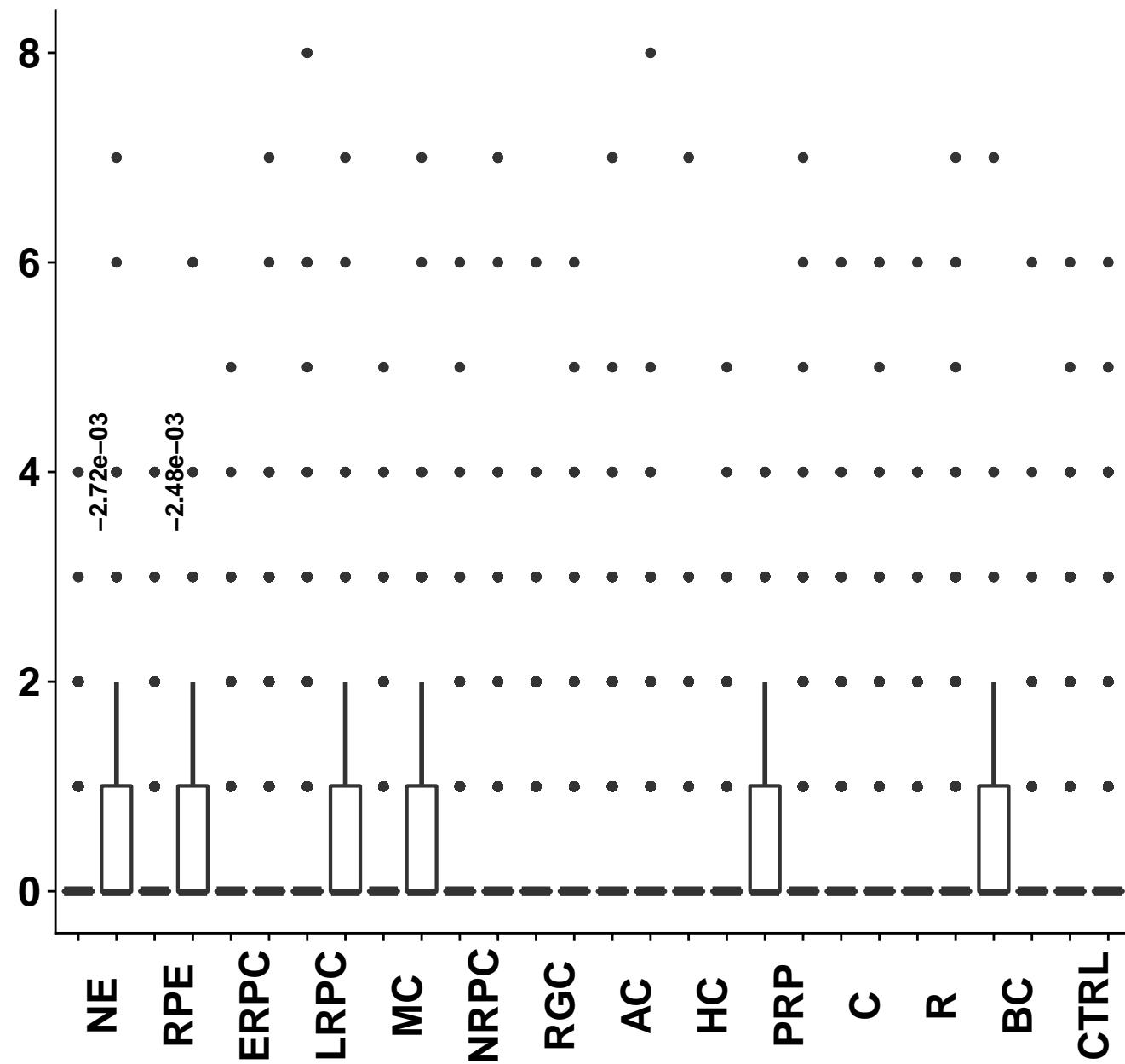
## Prox1\_1\_total



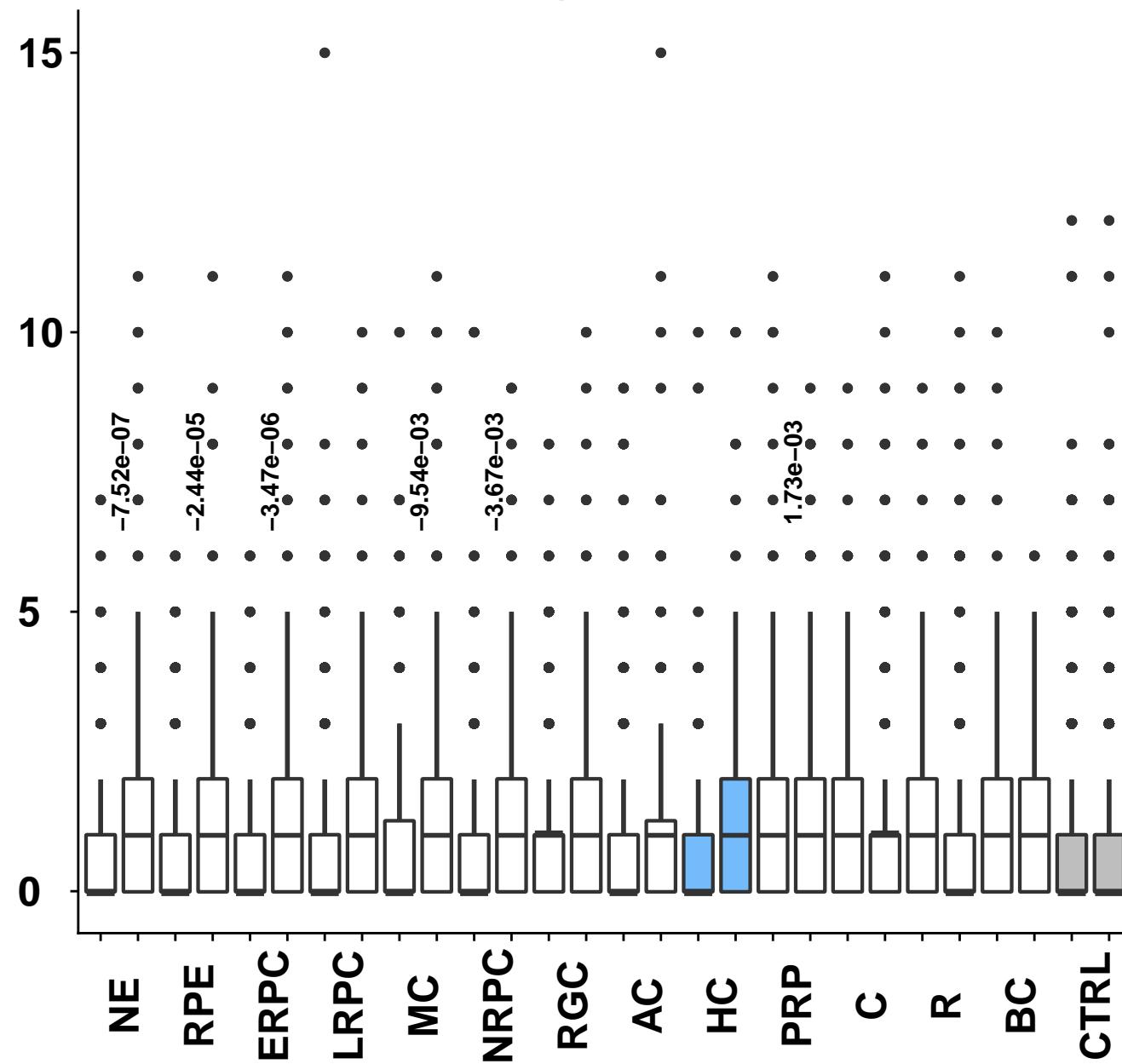
## Cux2\_1\_total



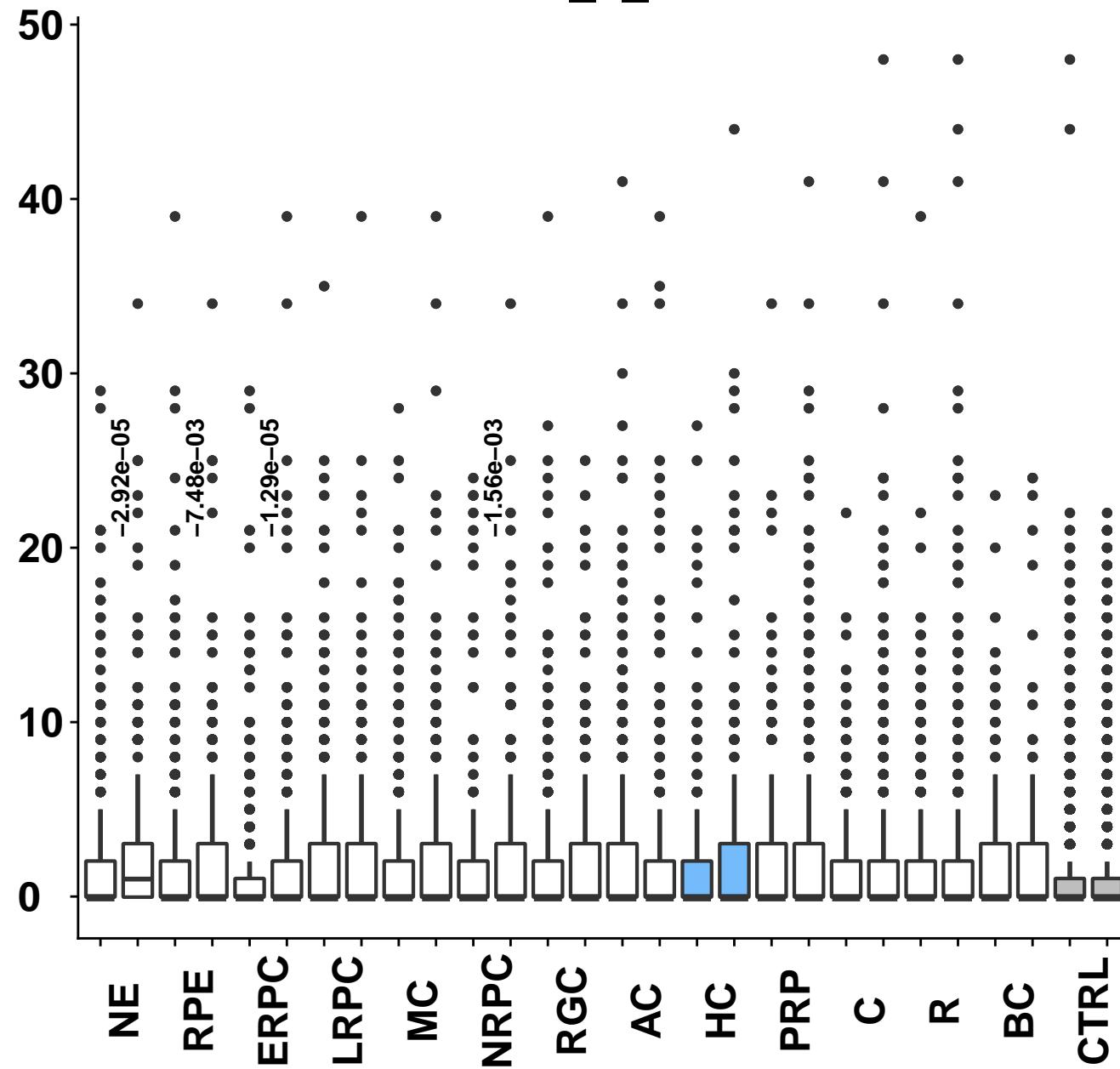
## Cux2\_2\_total



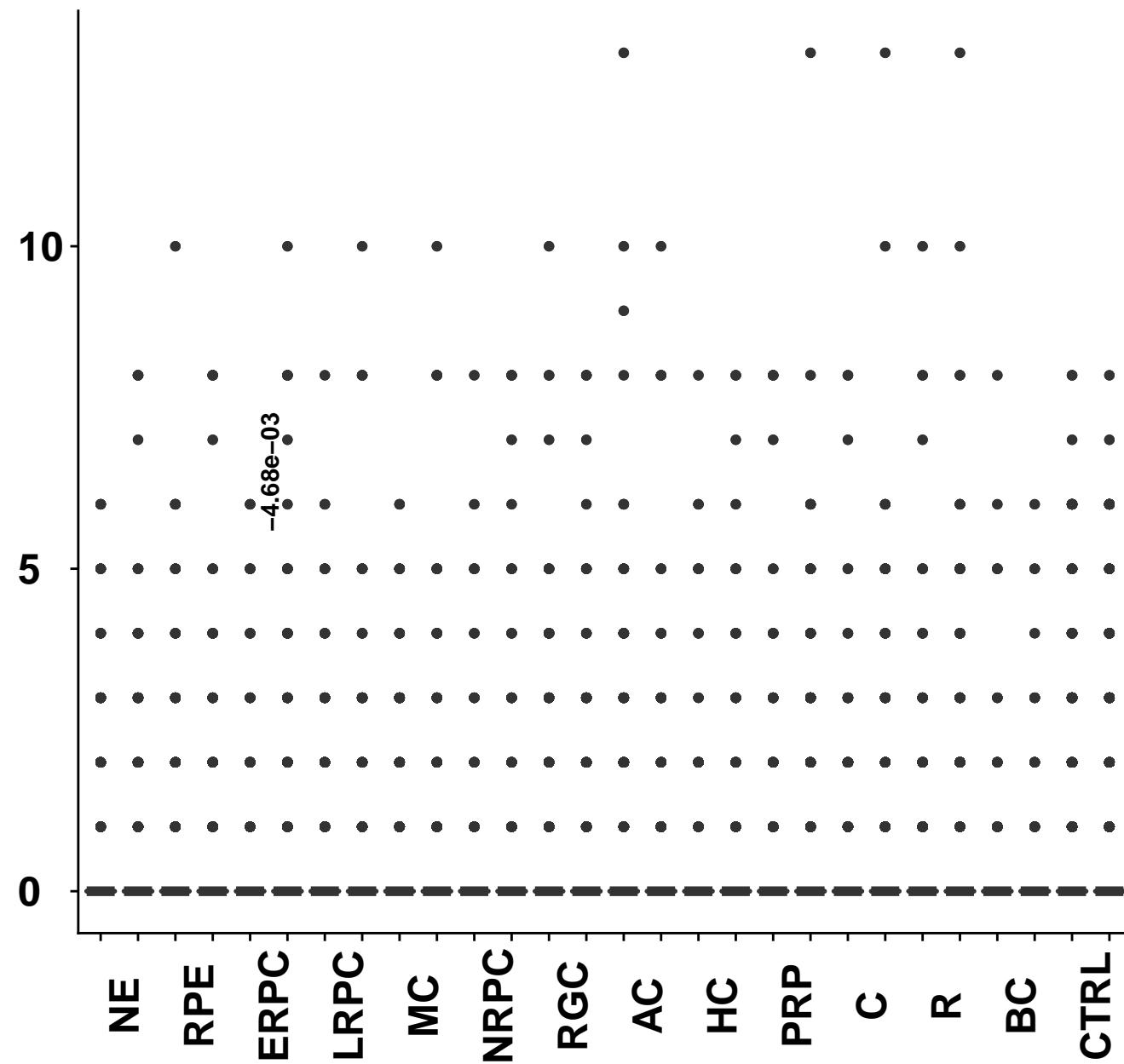
## Esrrg\_1\_total



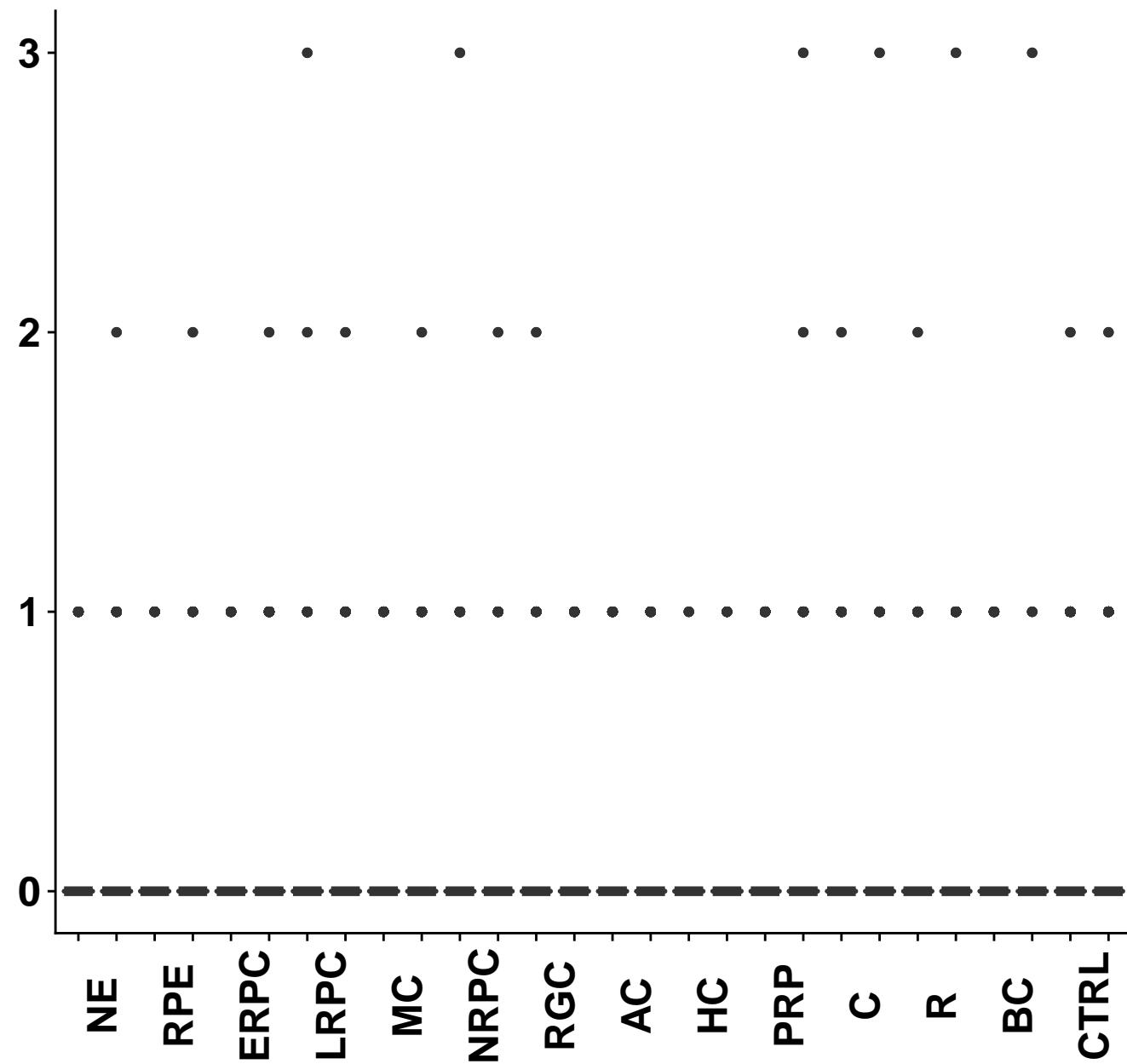
## Lhx1\_1\_total



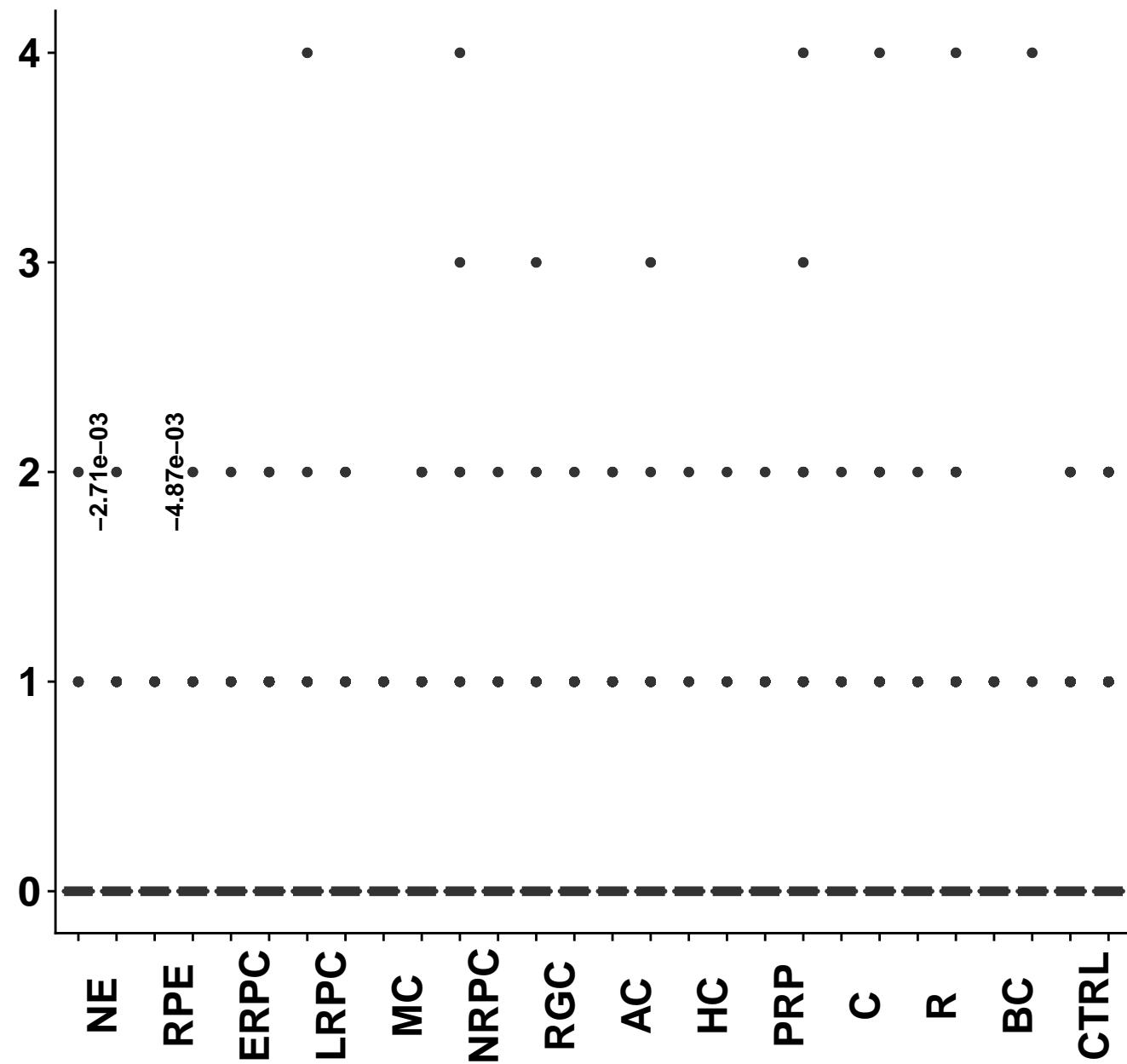
## Lhx1\_2\_total



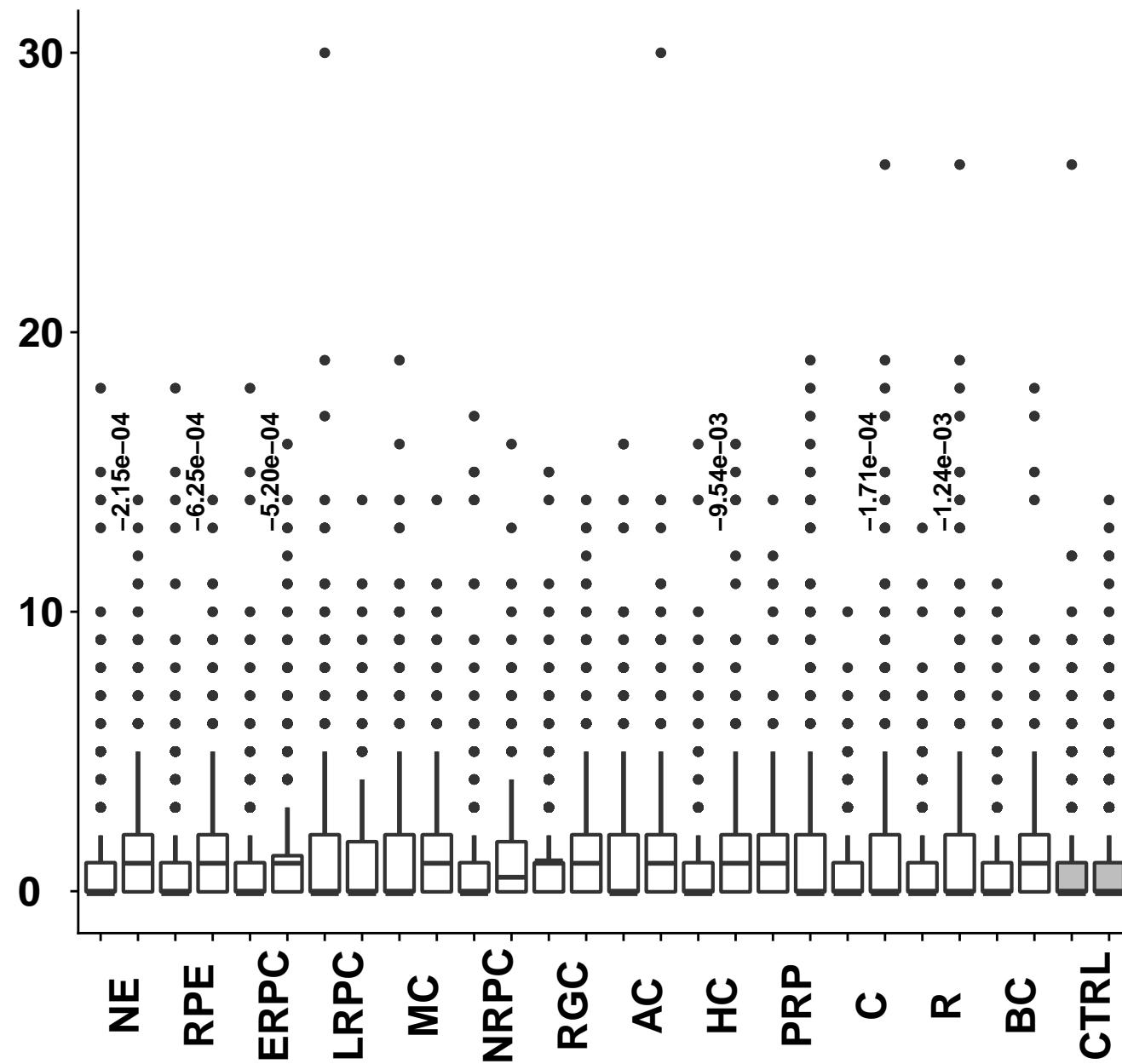
## Onecut1\_1\_total



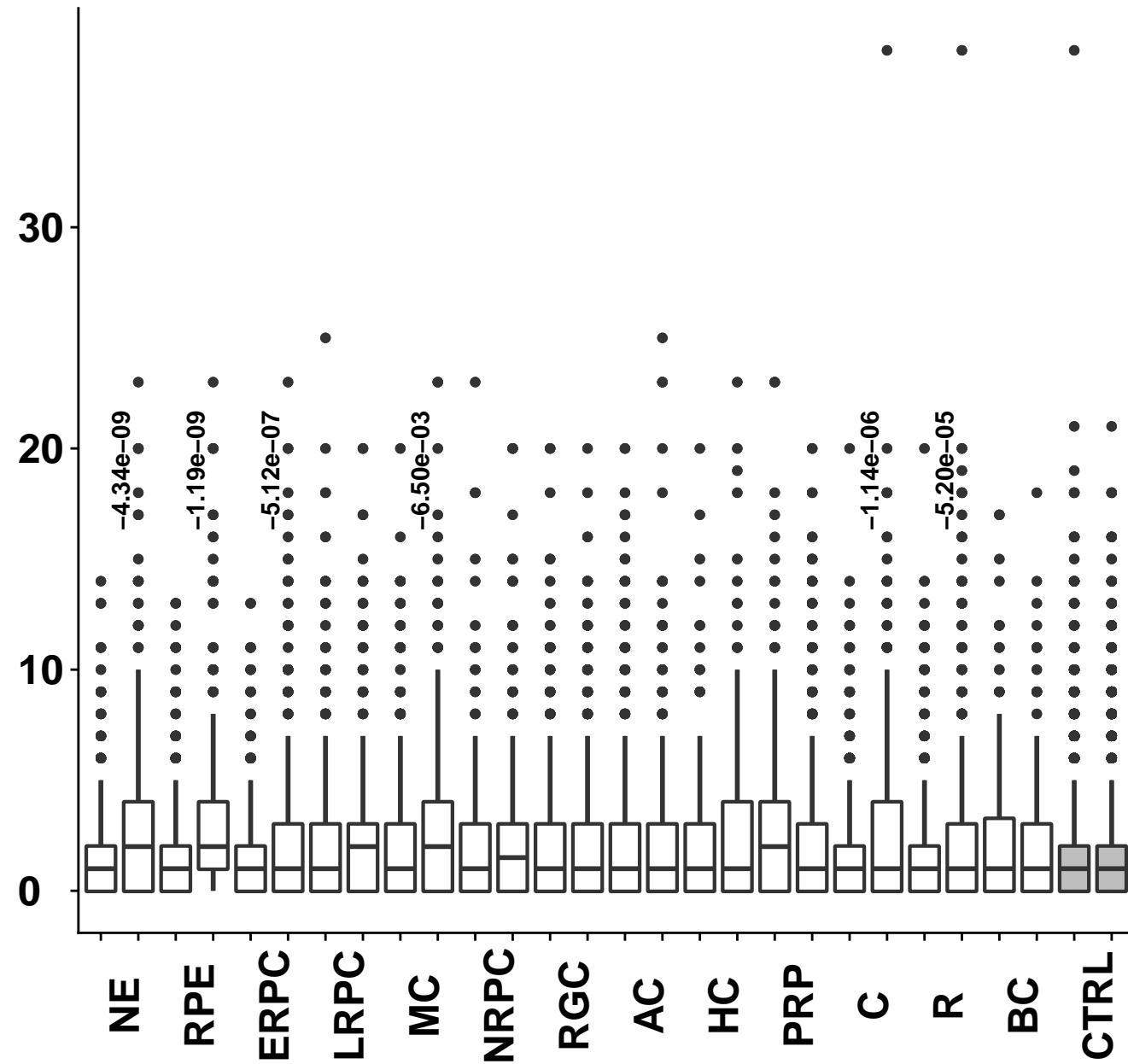
## Onecut3\_1\_total



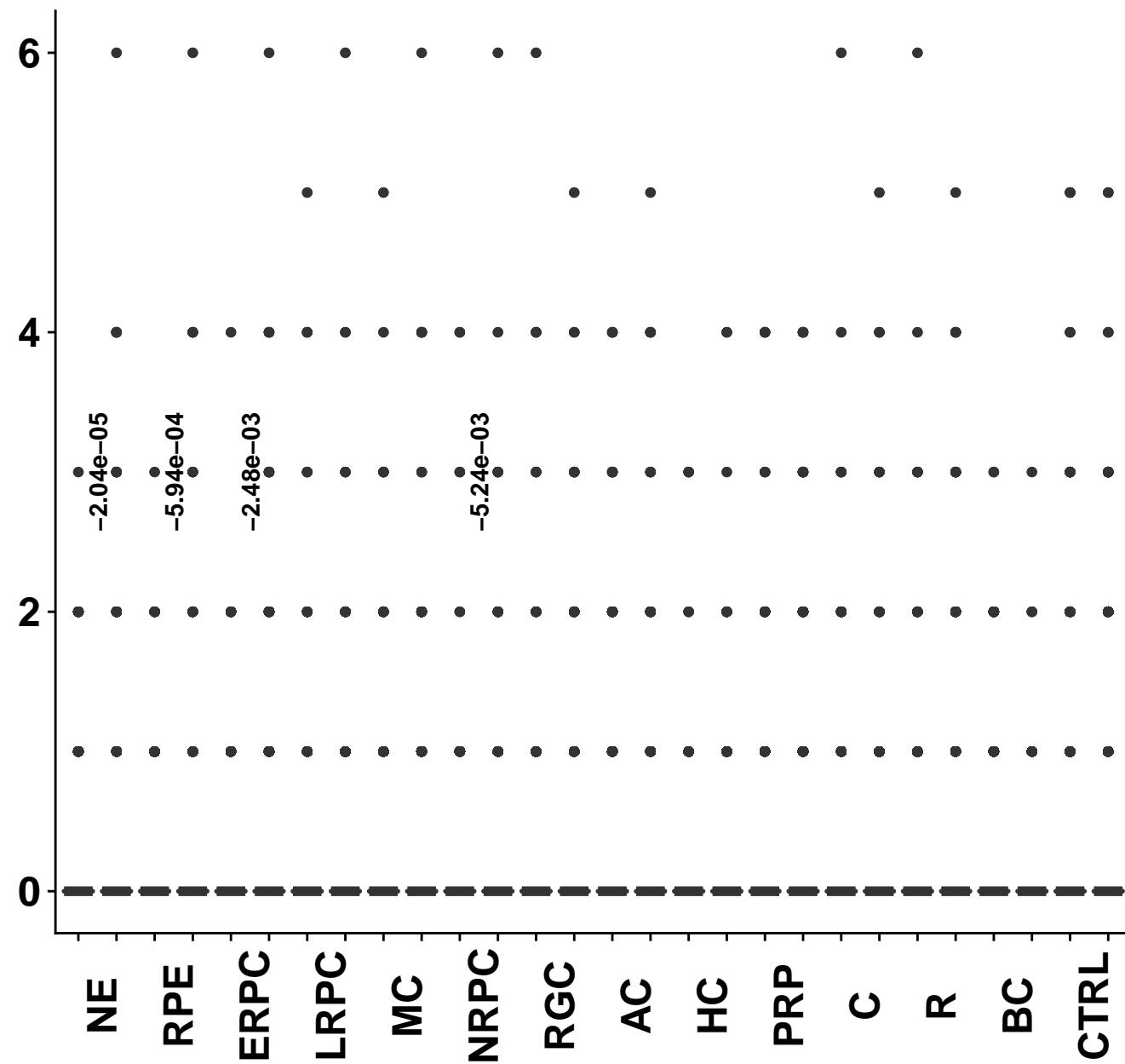
## Sox12\_1\_total



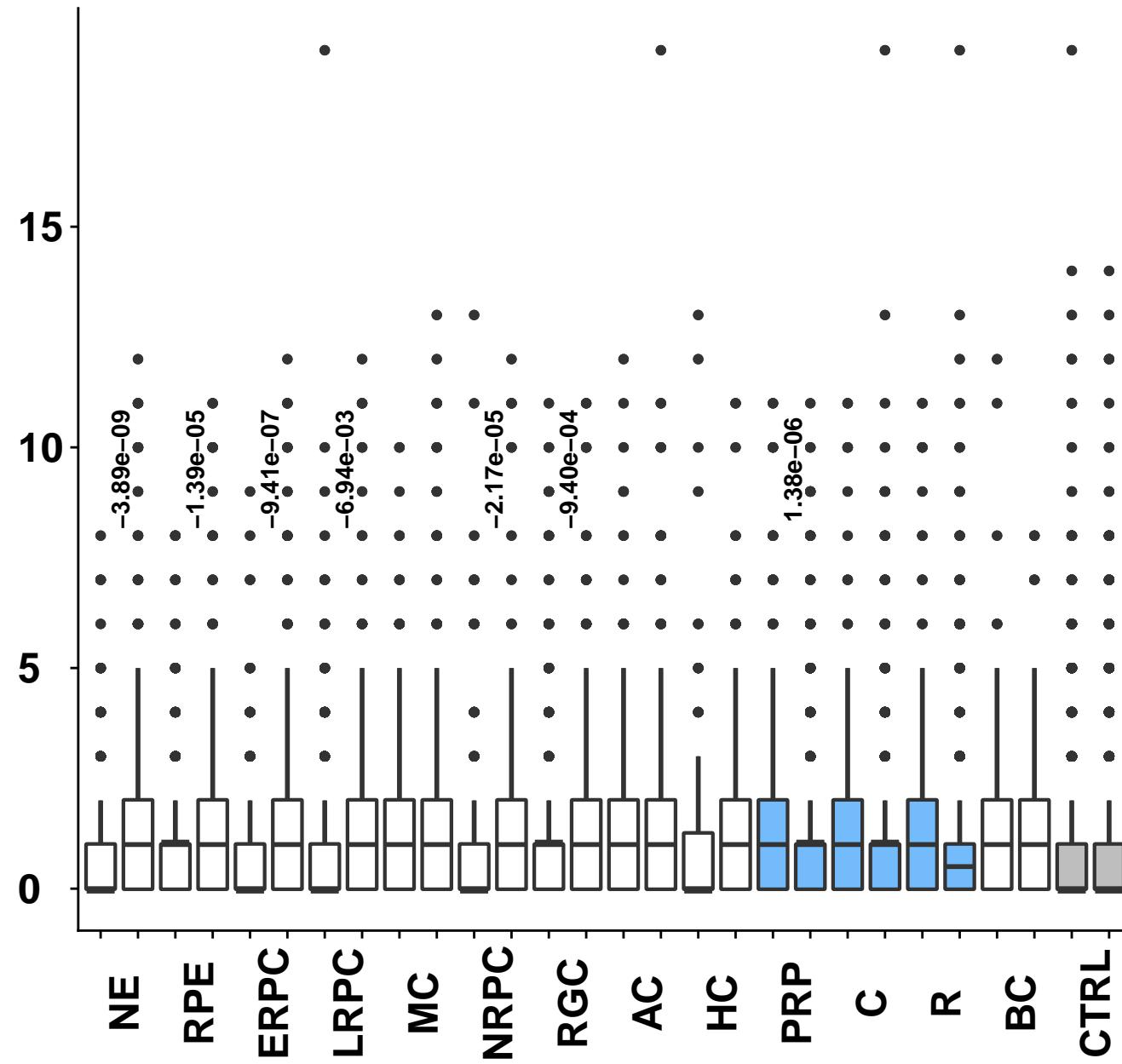
## Sox12\_2\_total



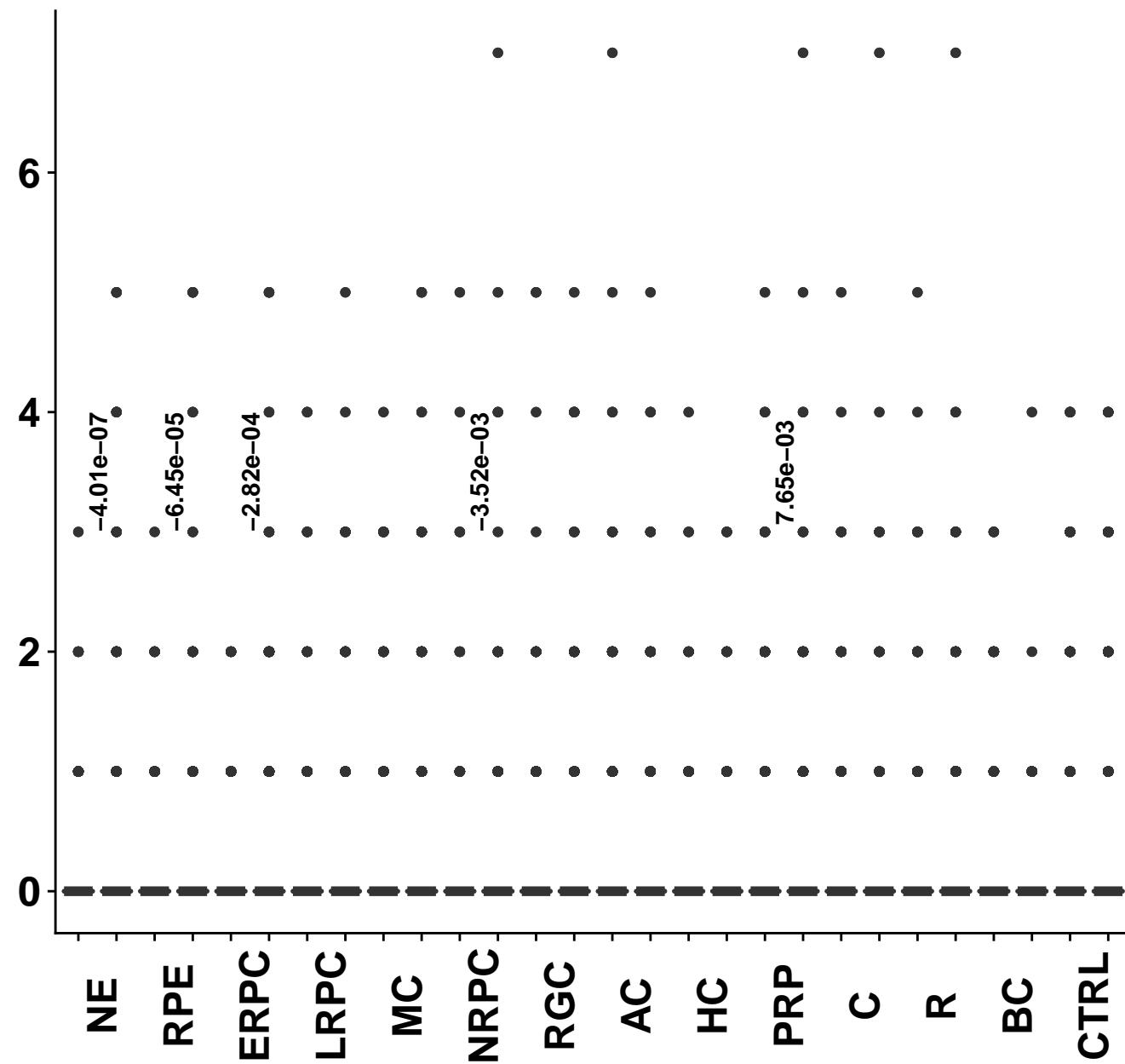
## Rora\_1\_total



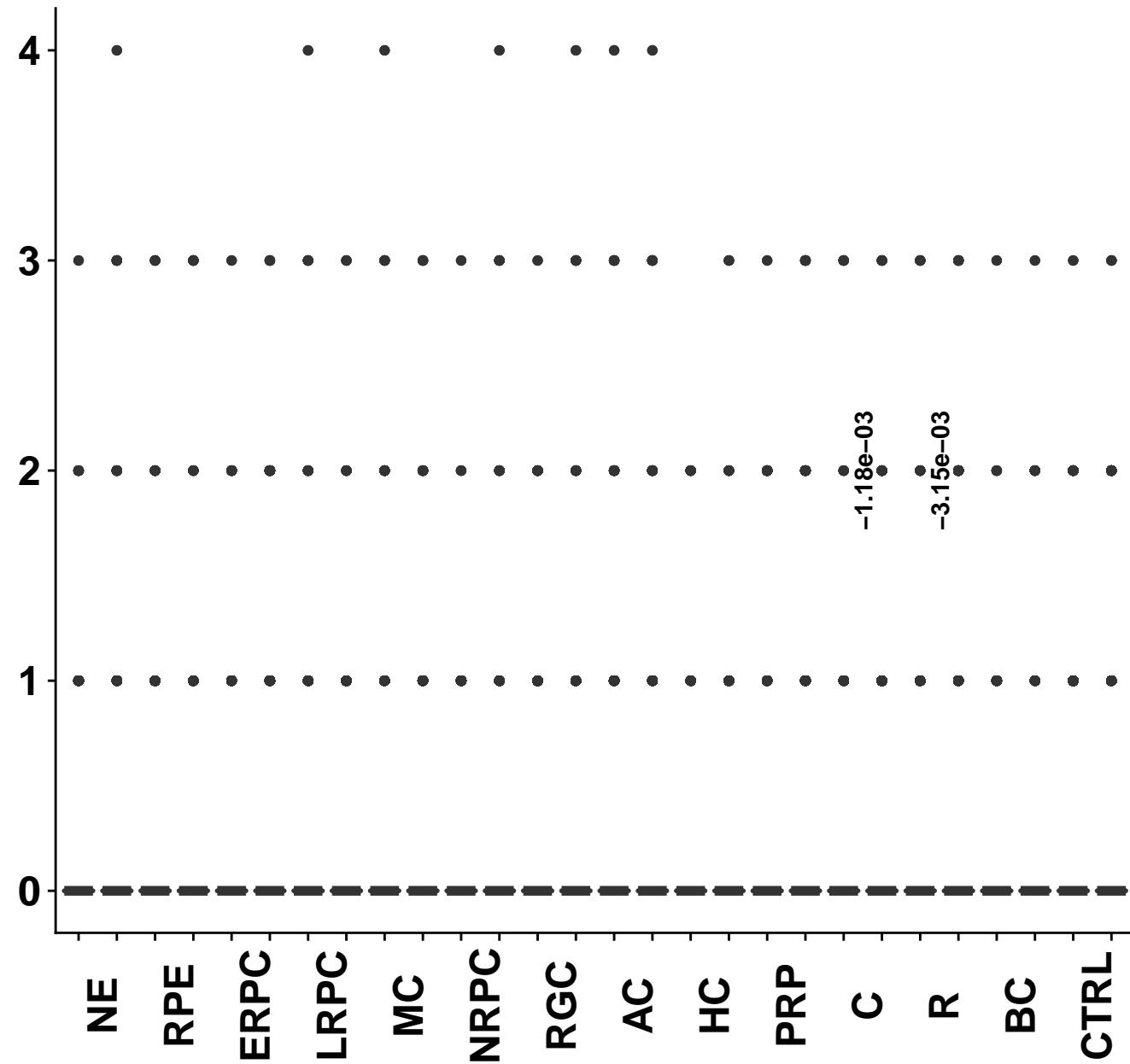
## Rora\_2\_total



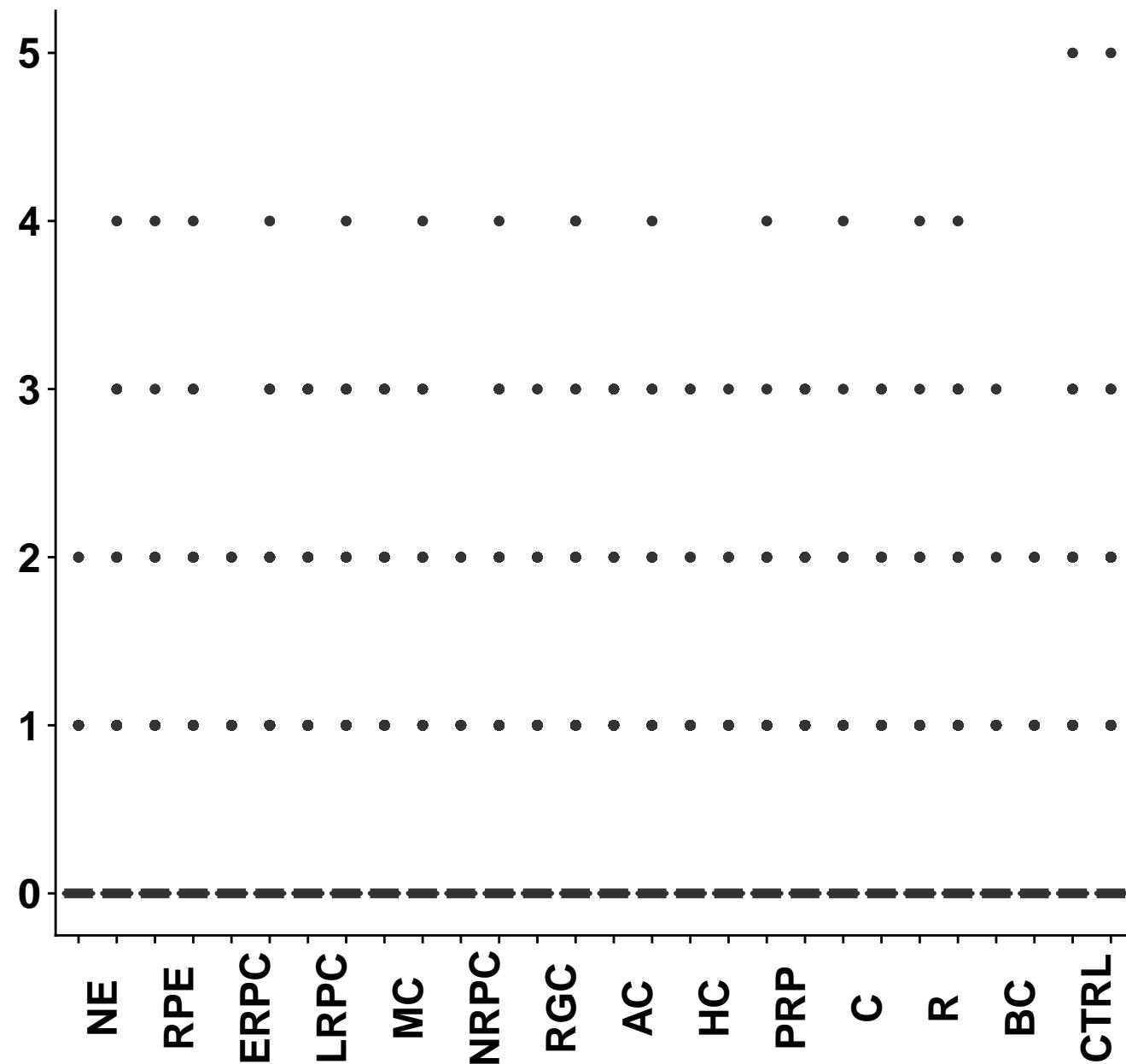
### Rora\_3\_total



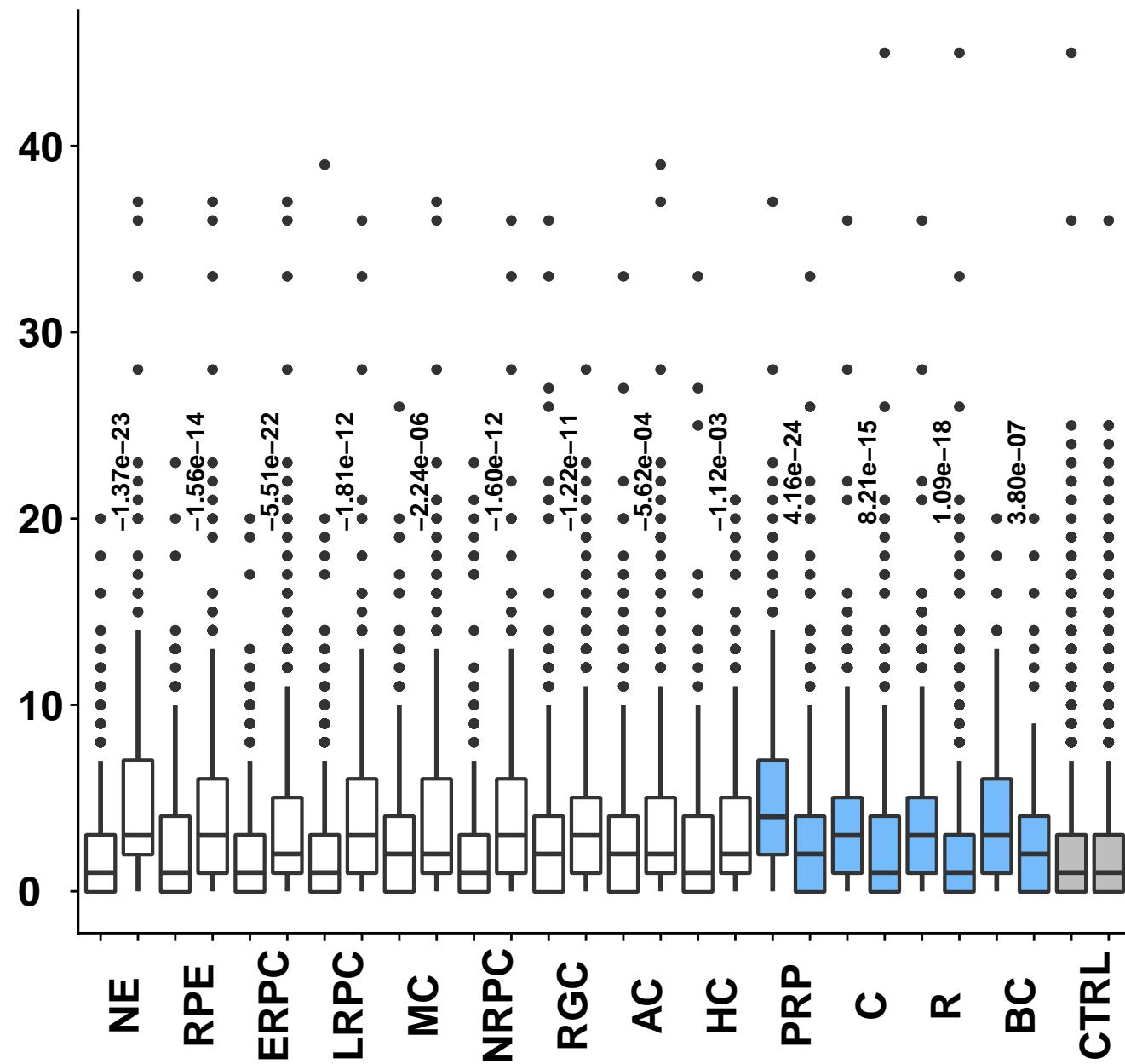
## Atf4\_1\_total



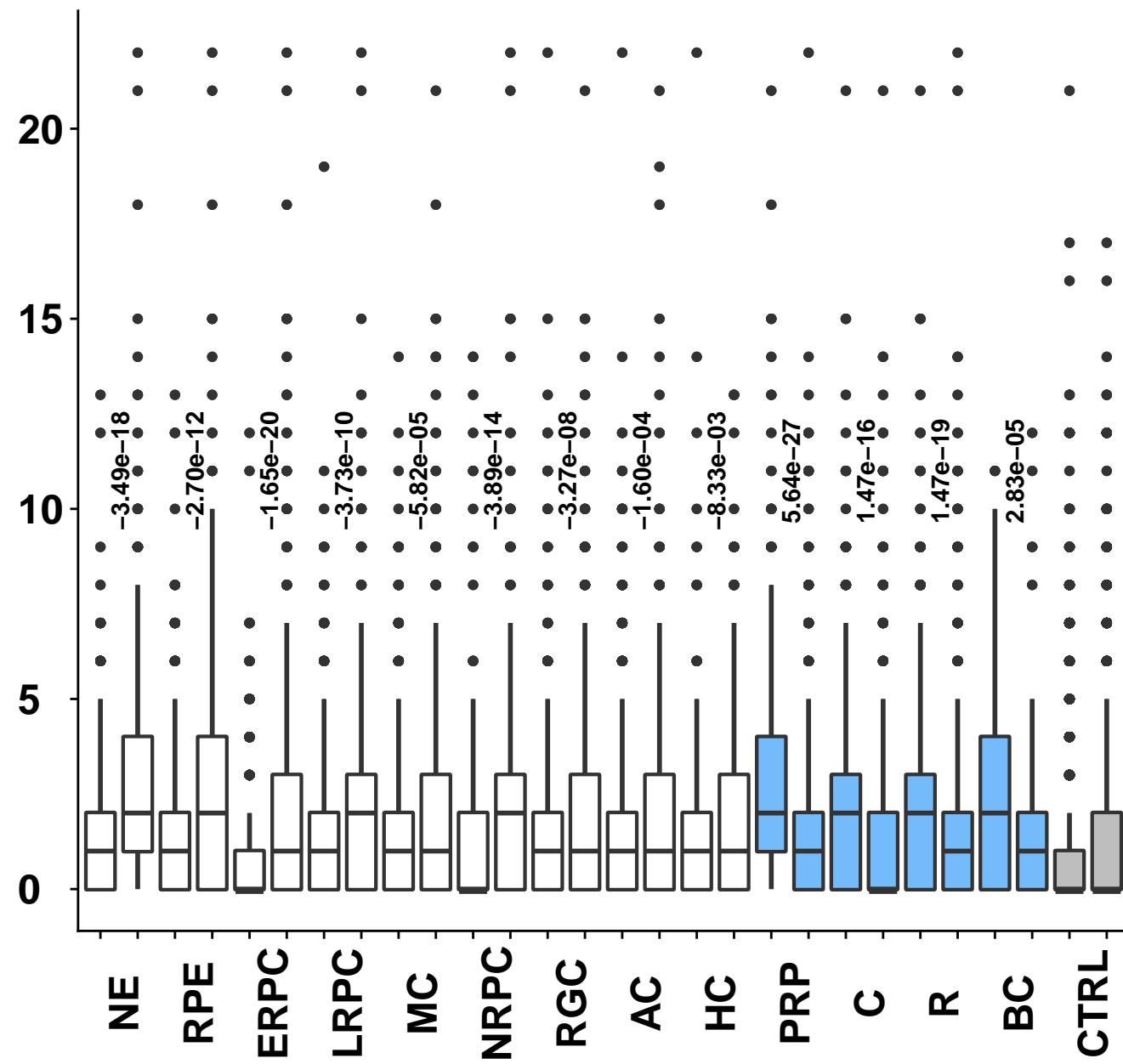
## Atf4\_2\_total



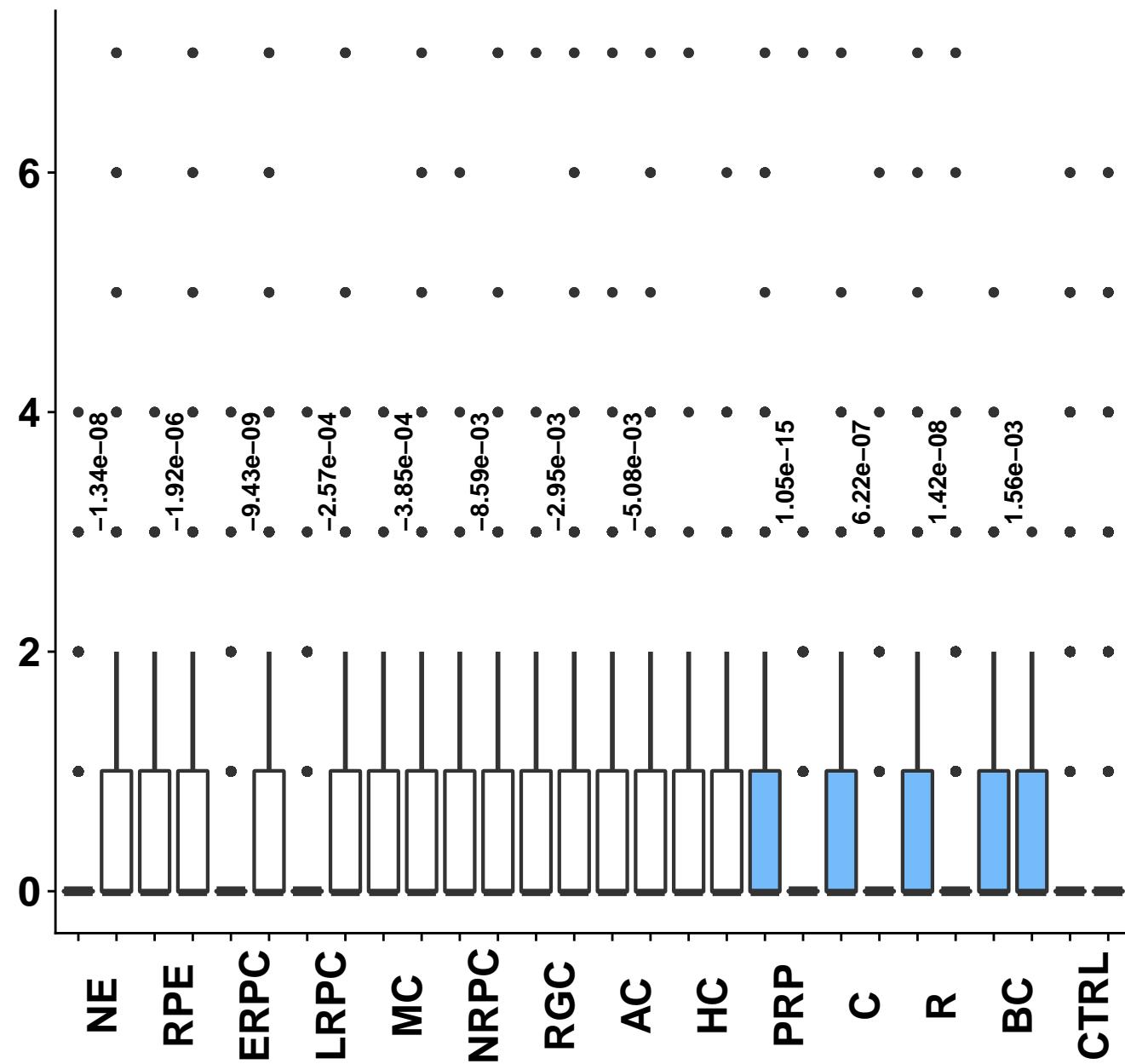
## Crx\_1\_total



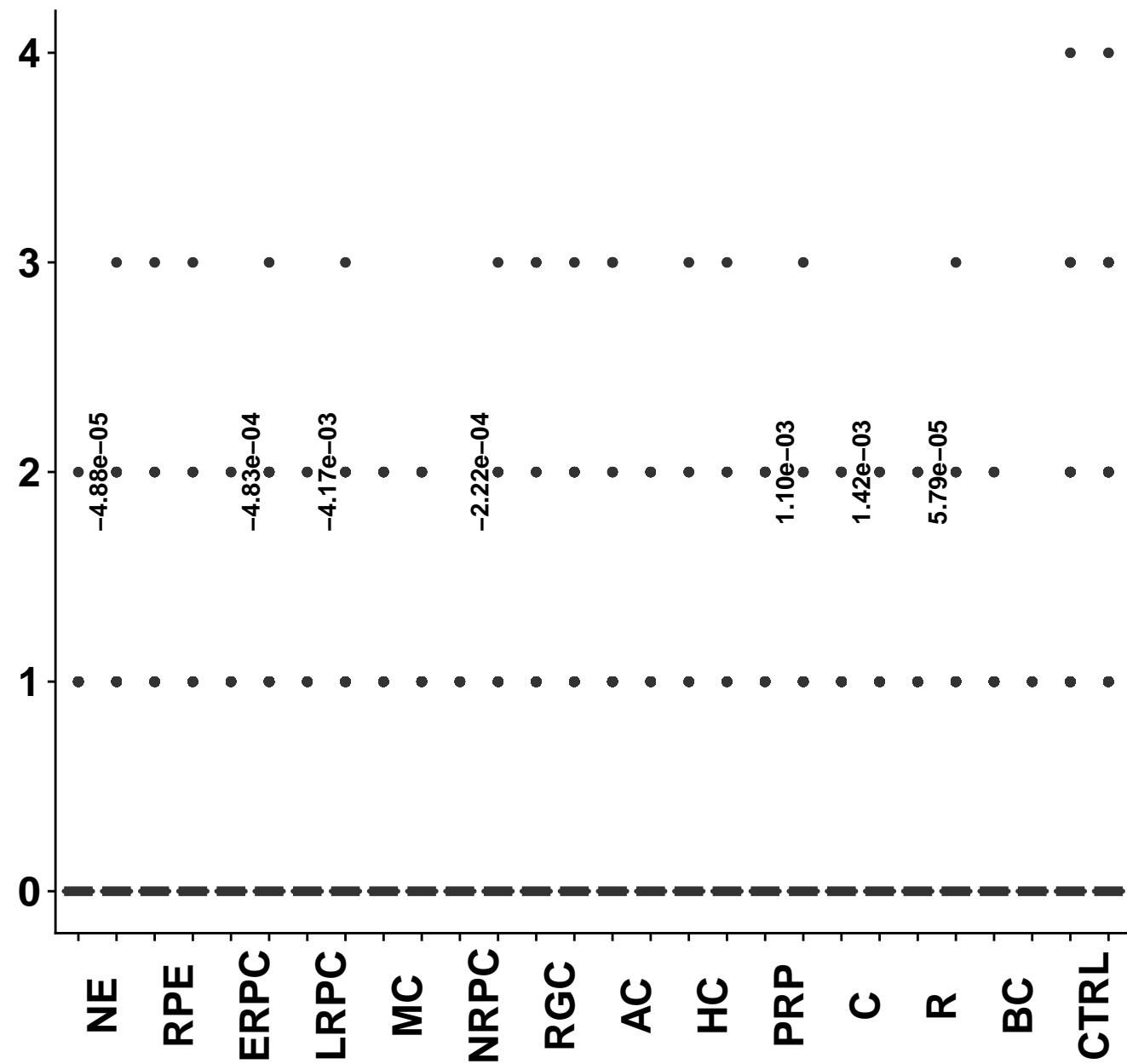
## Crx\_2\_total



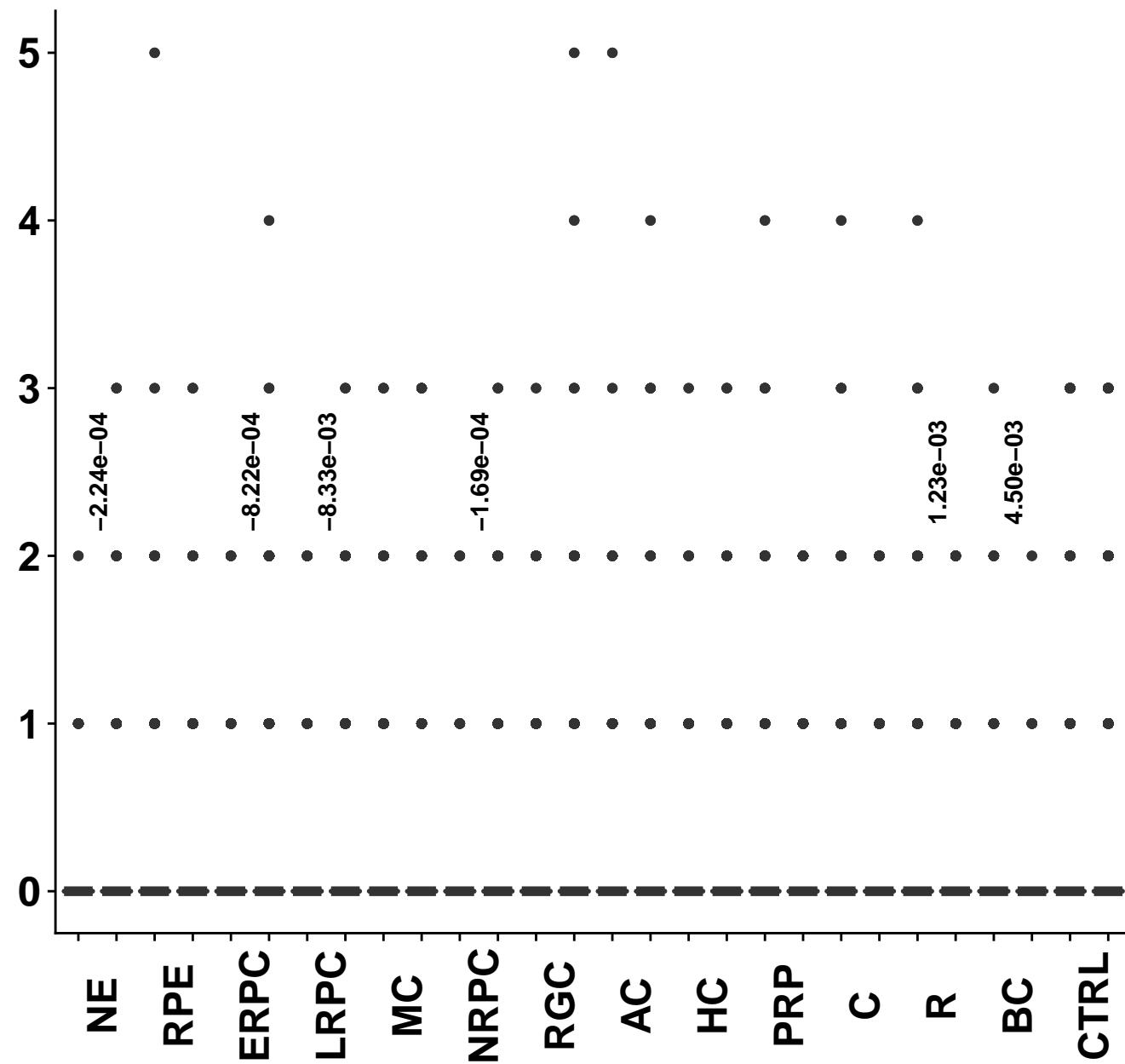
## Crx\_3\_total



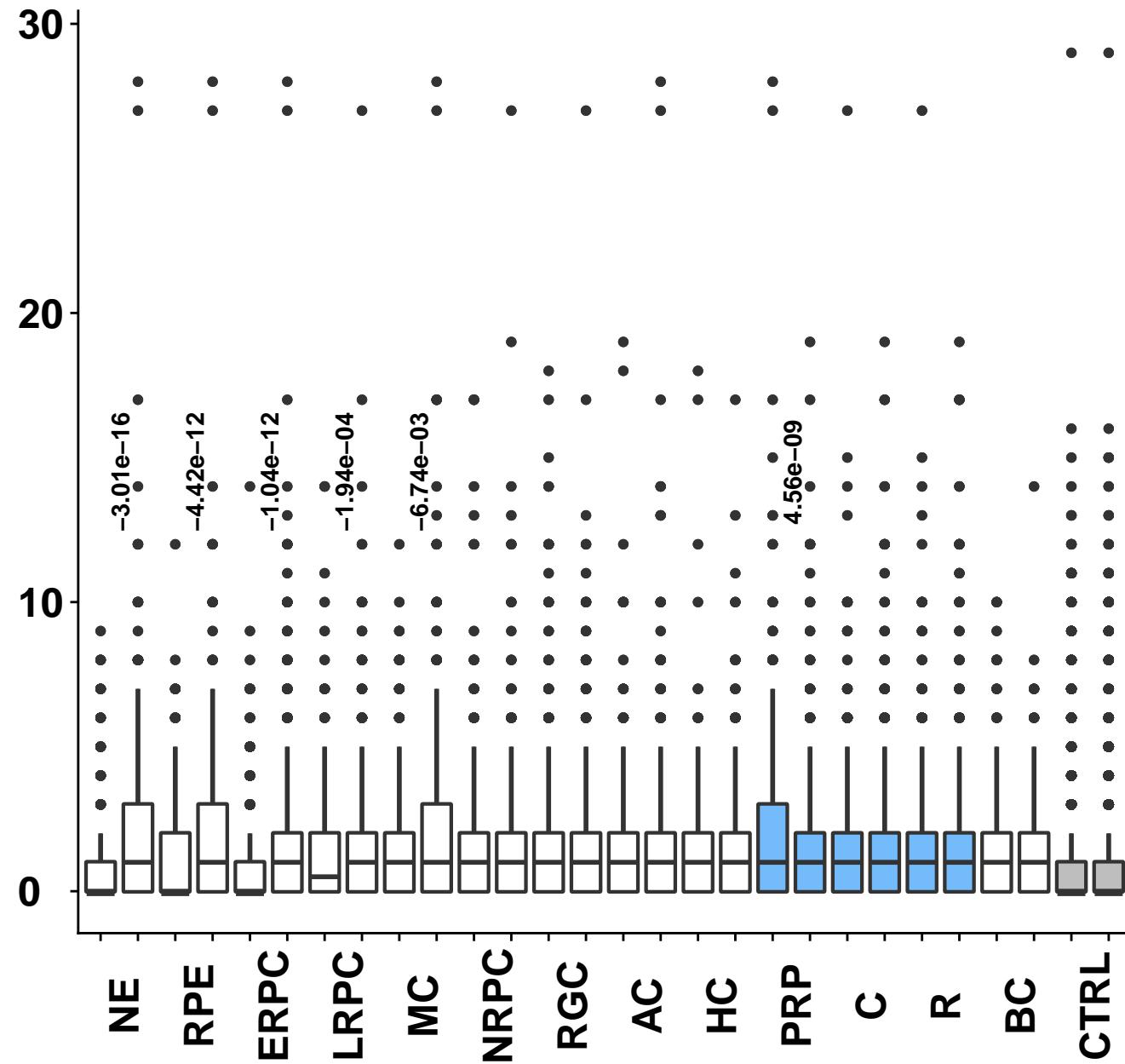
## Mef2d\_1\_total



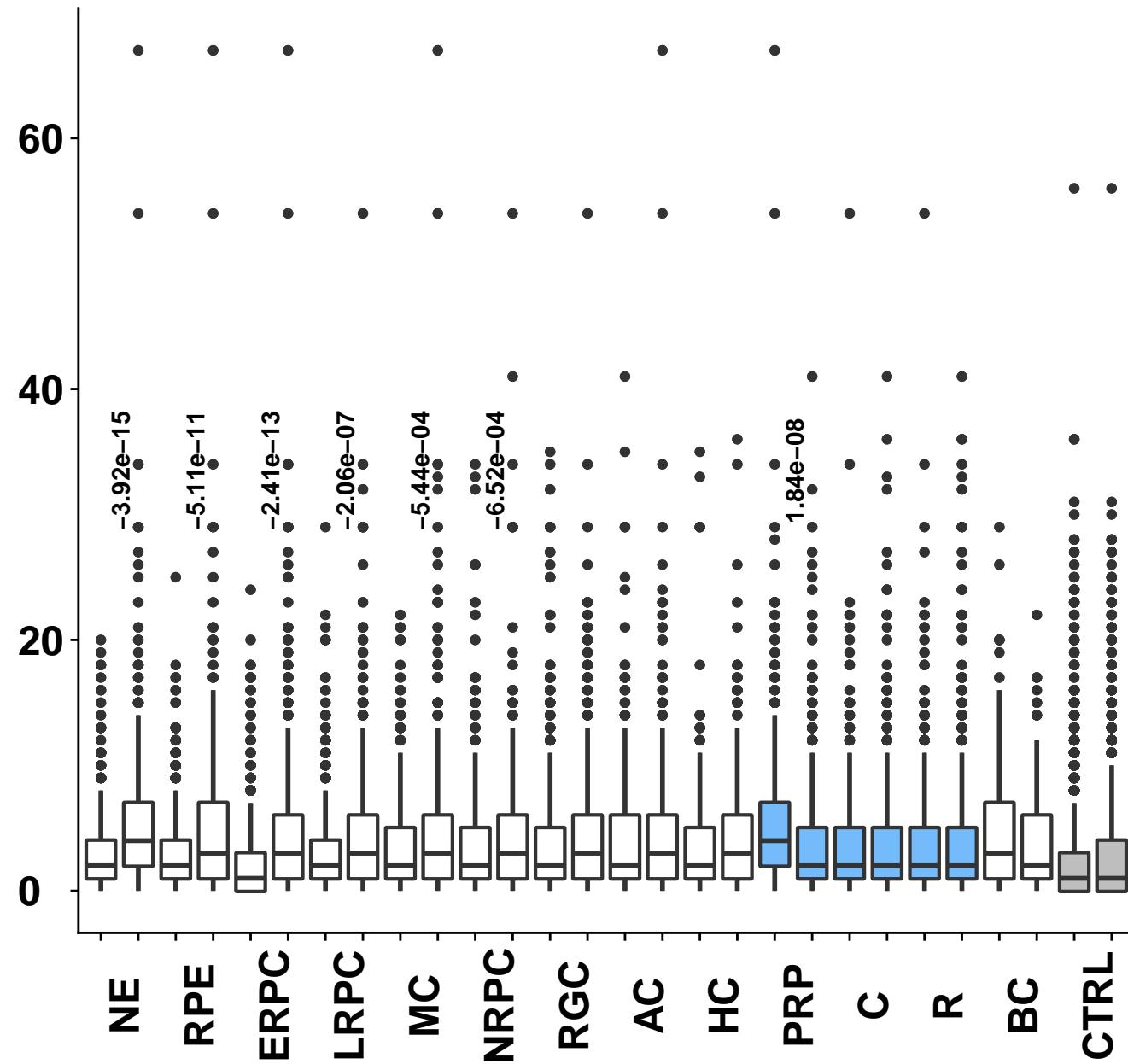
## Mef2d\_2\_total



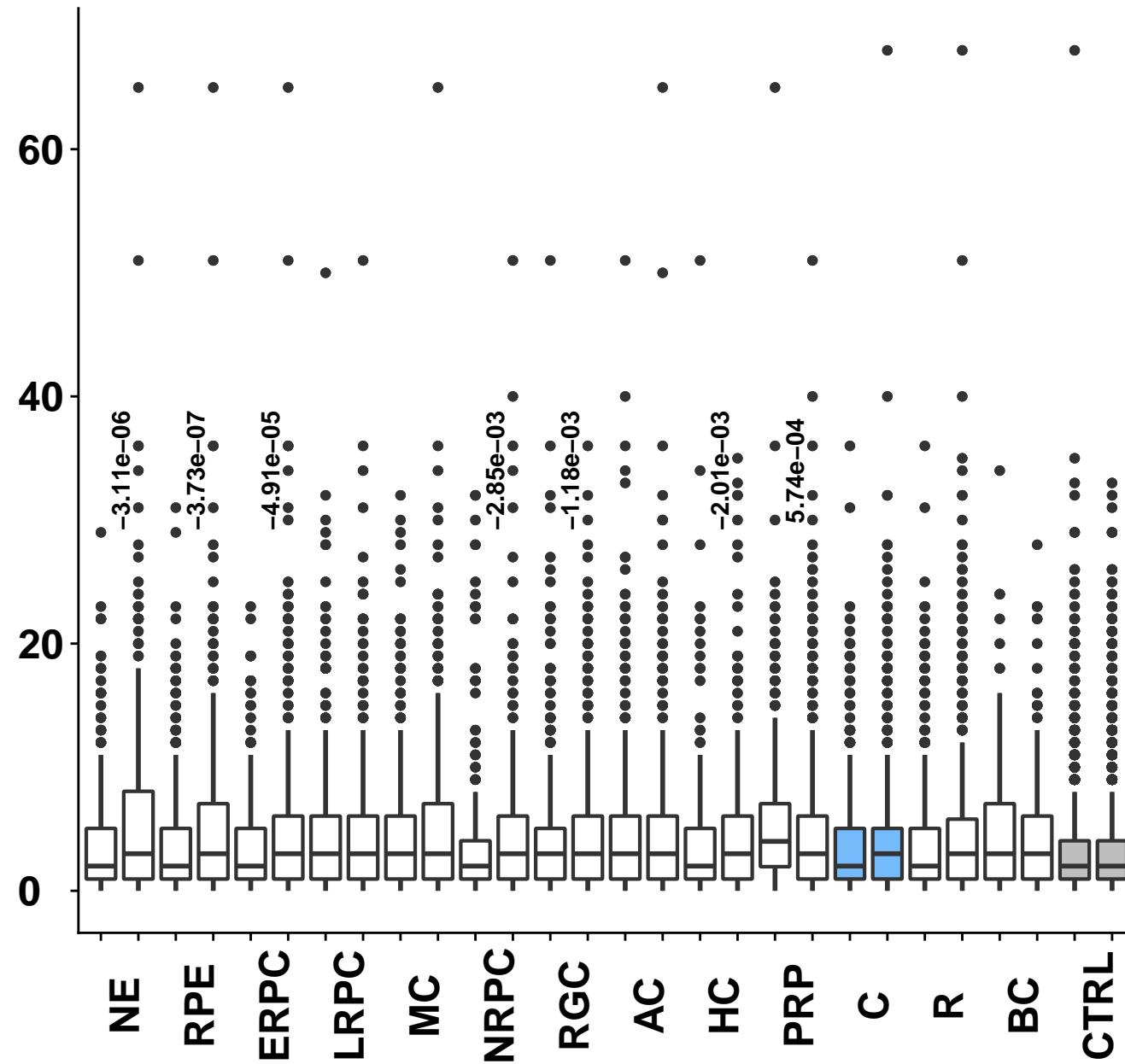
## Neurod1\_1\_total



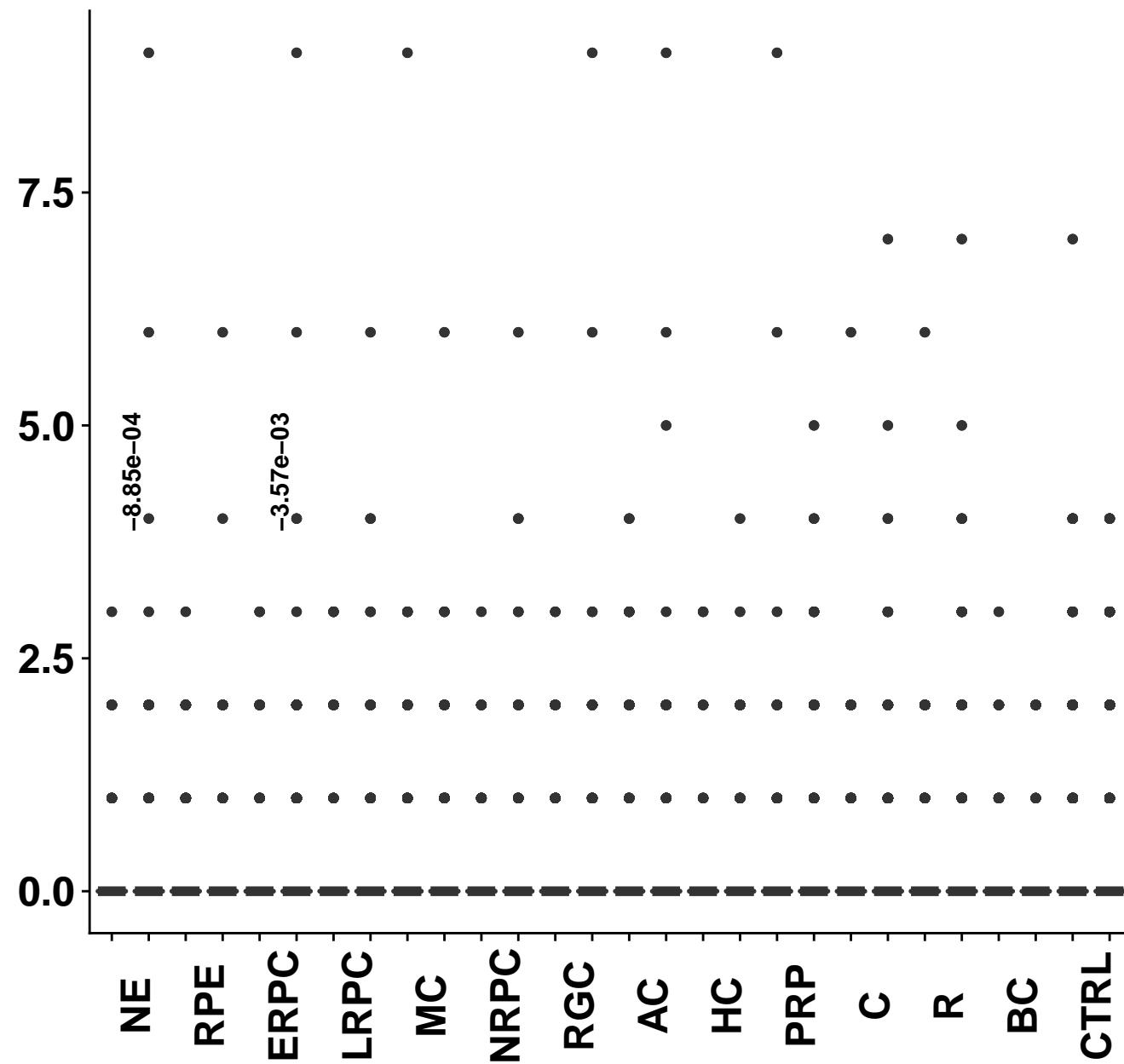
## Neurod1\_2\_total

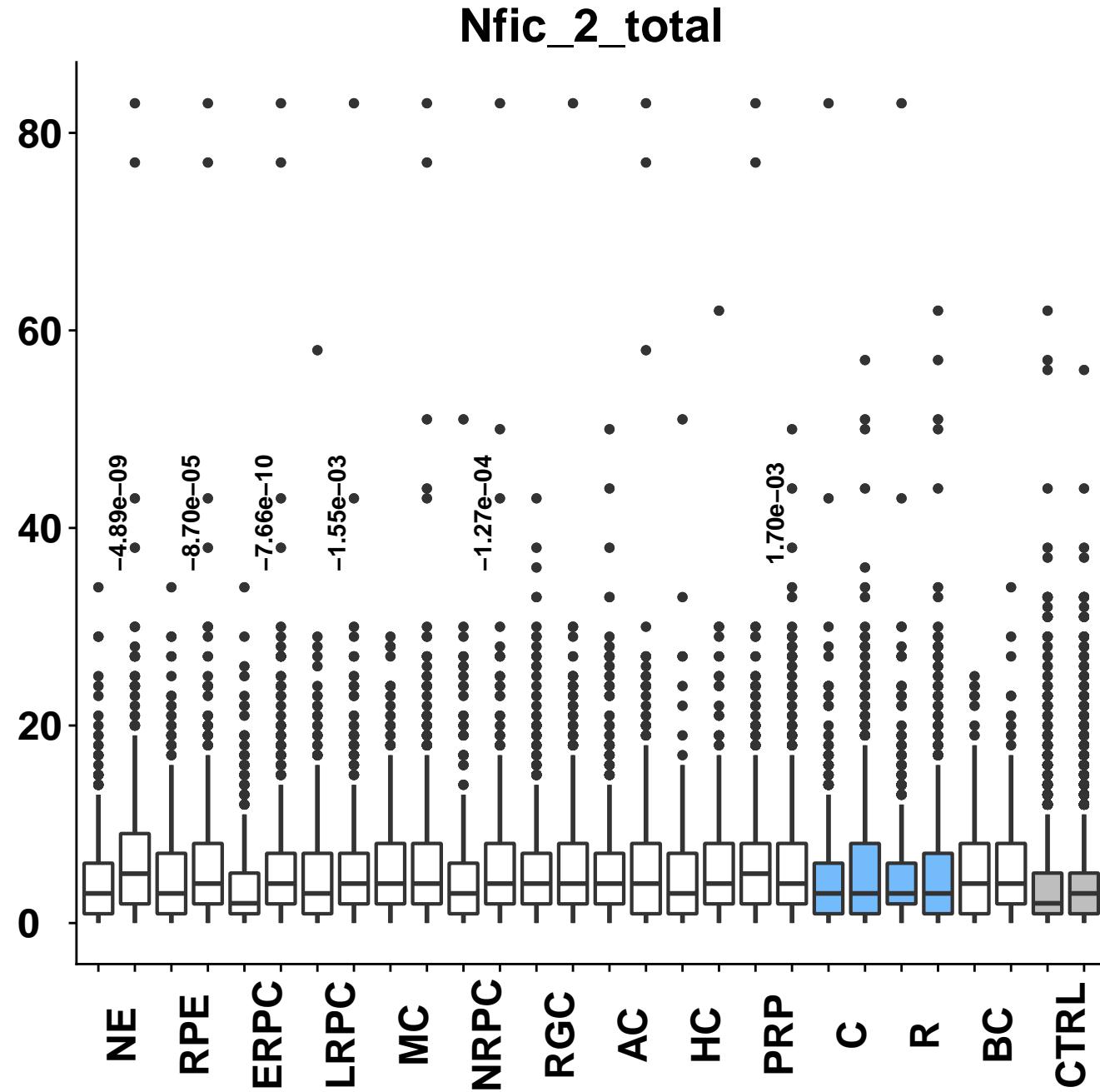


## Nfat5\_1\_total

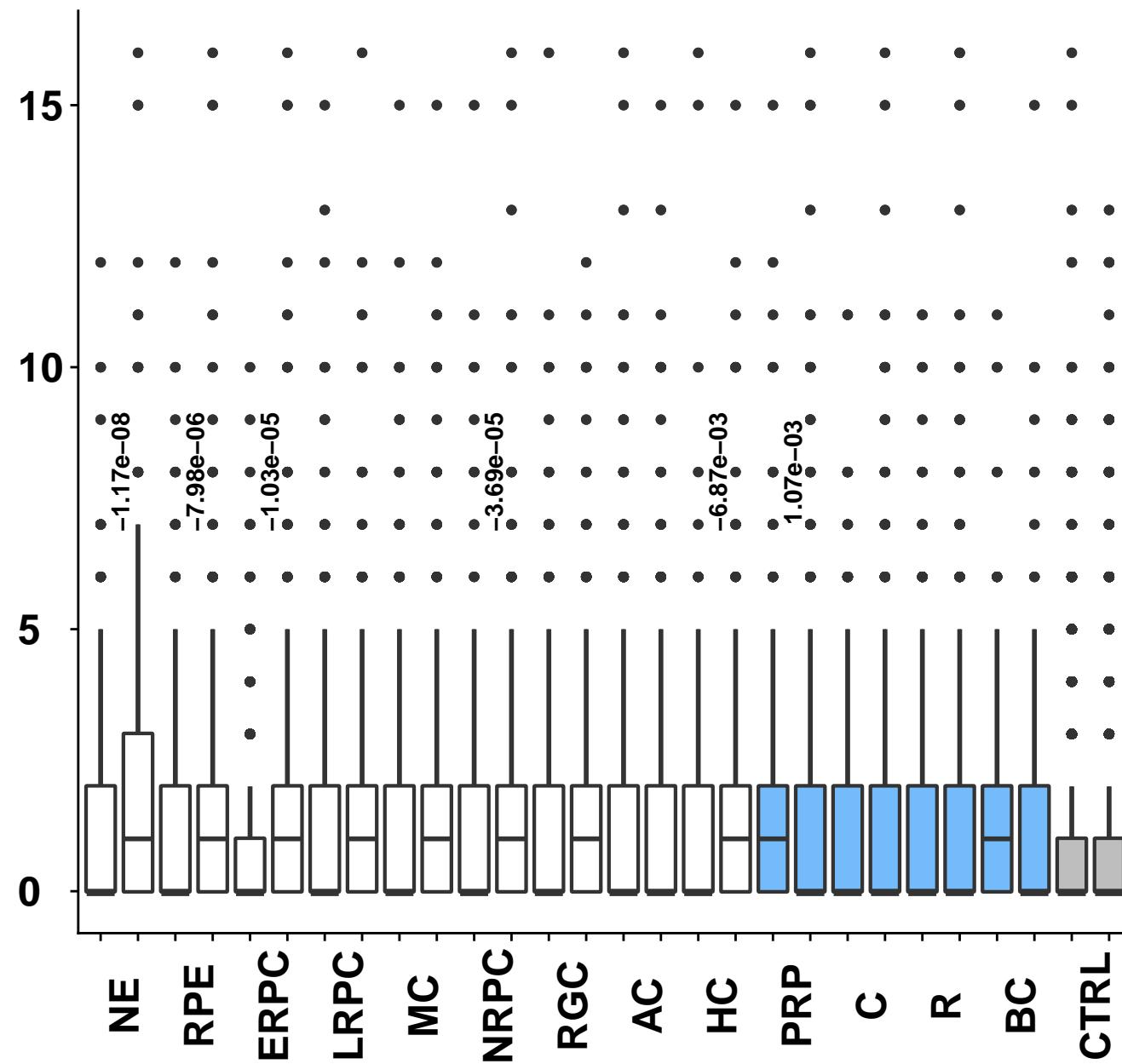


## Nfic\_1\_total

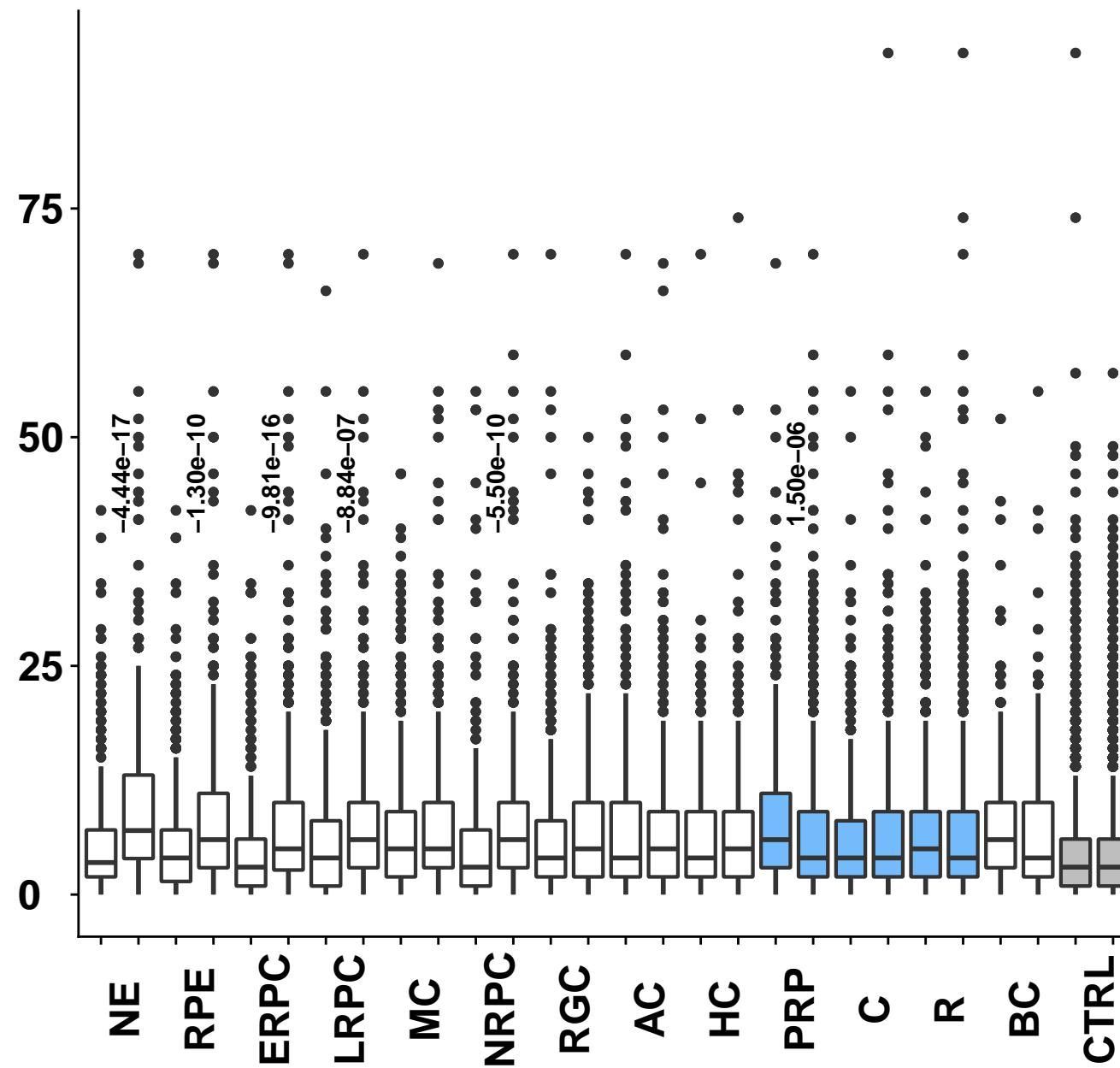




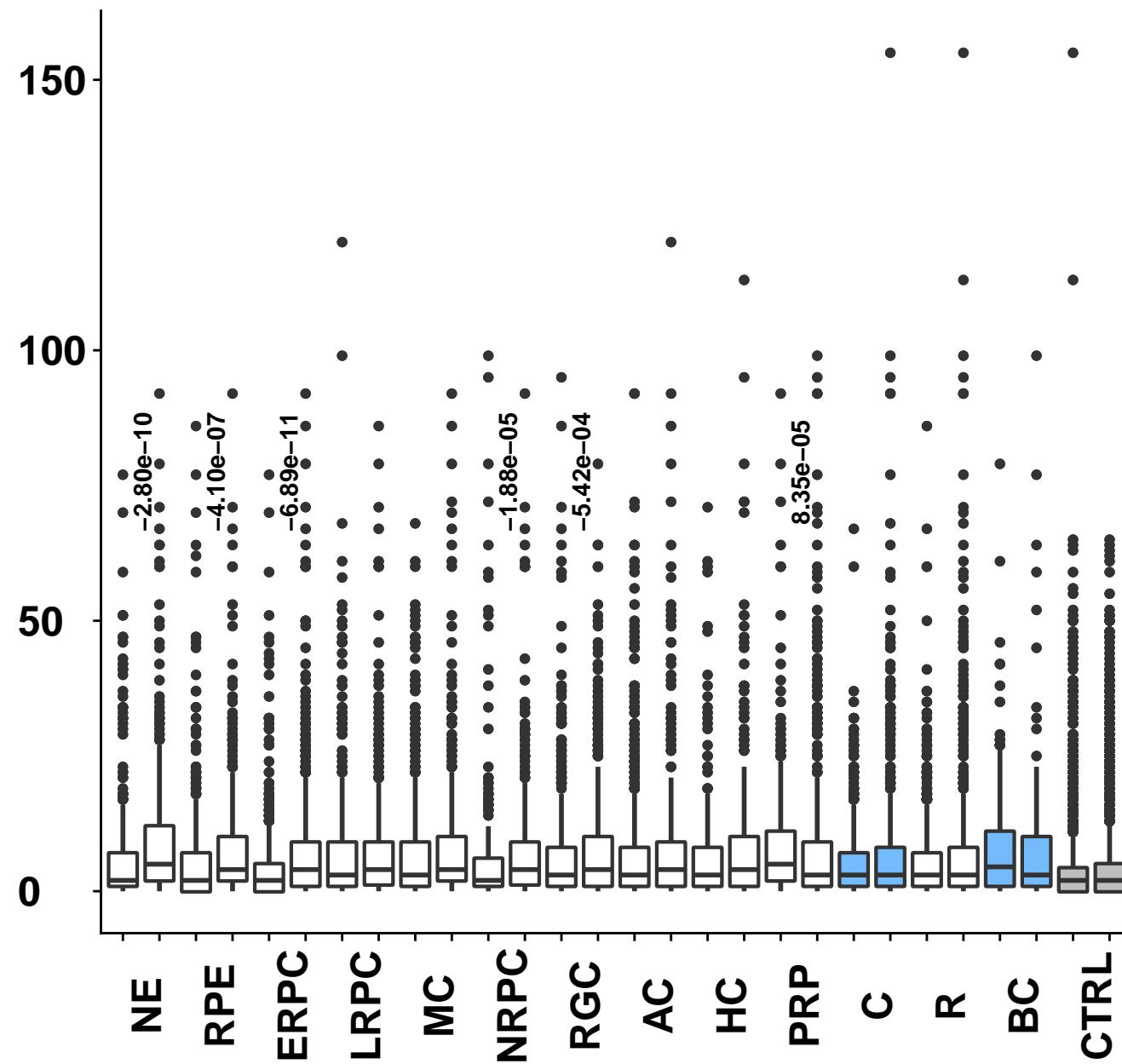
## Nr2e3\_1\_total



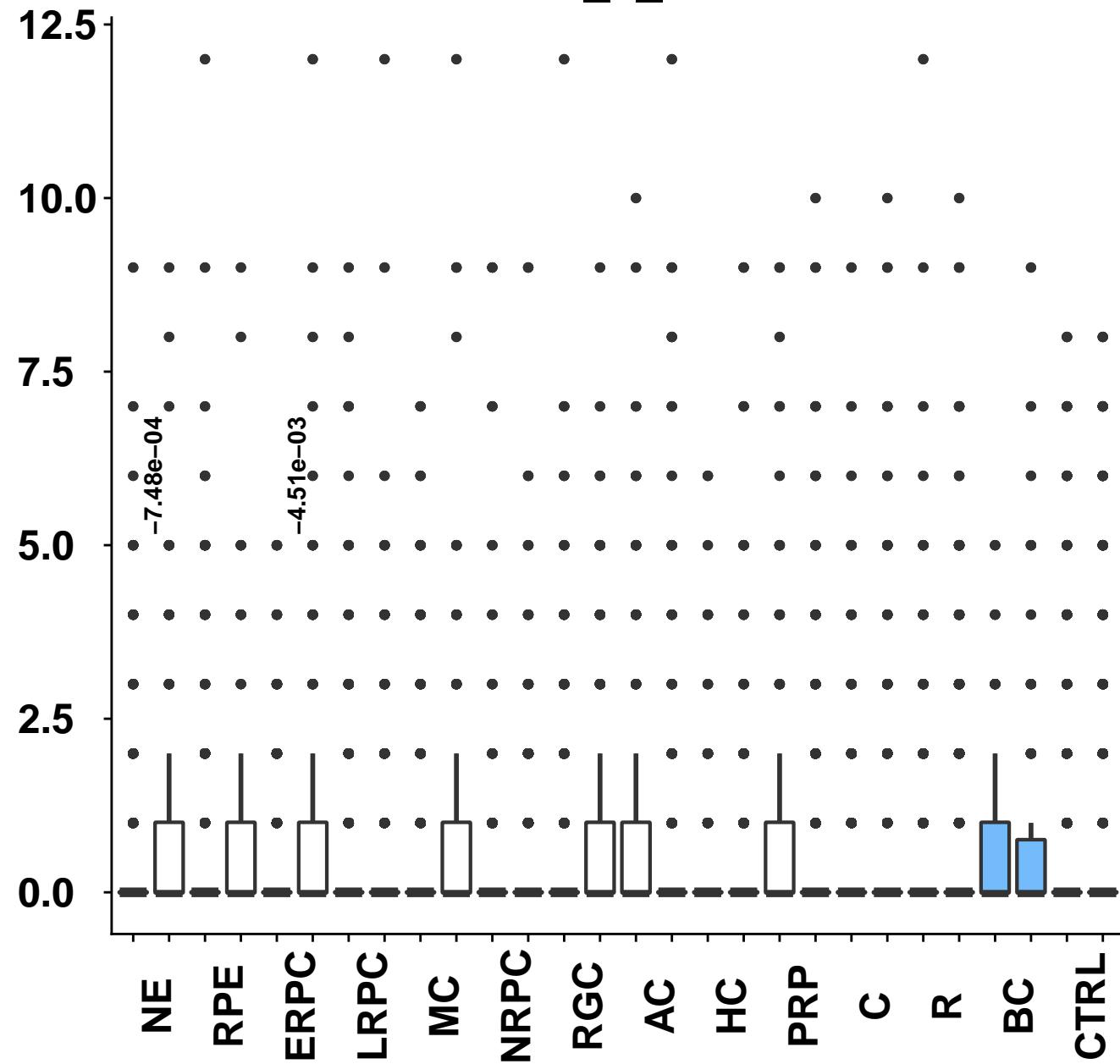
## Nrl\_1\_total



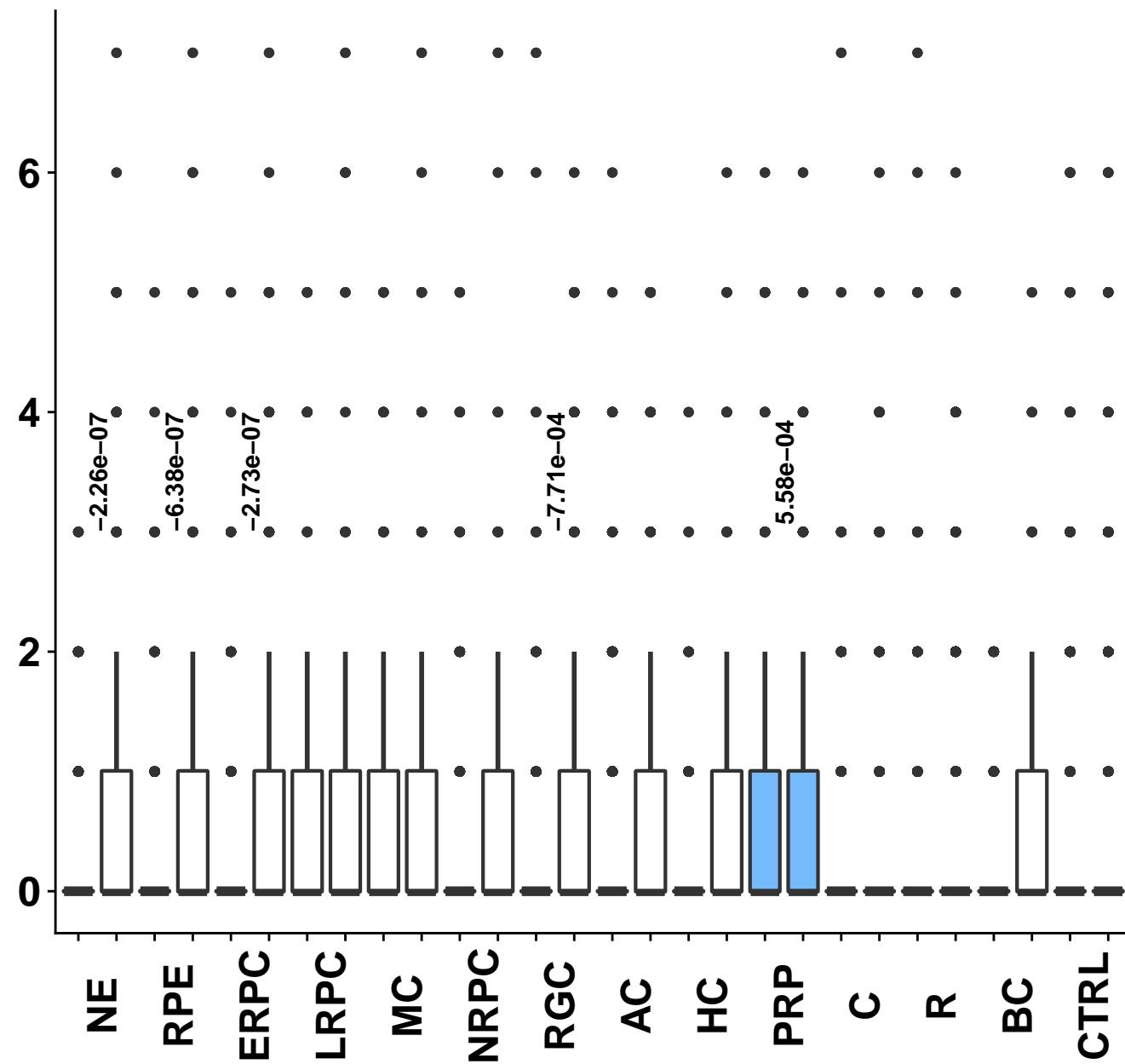
## Lhx4\_1\_total



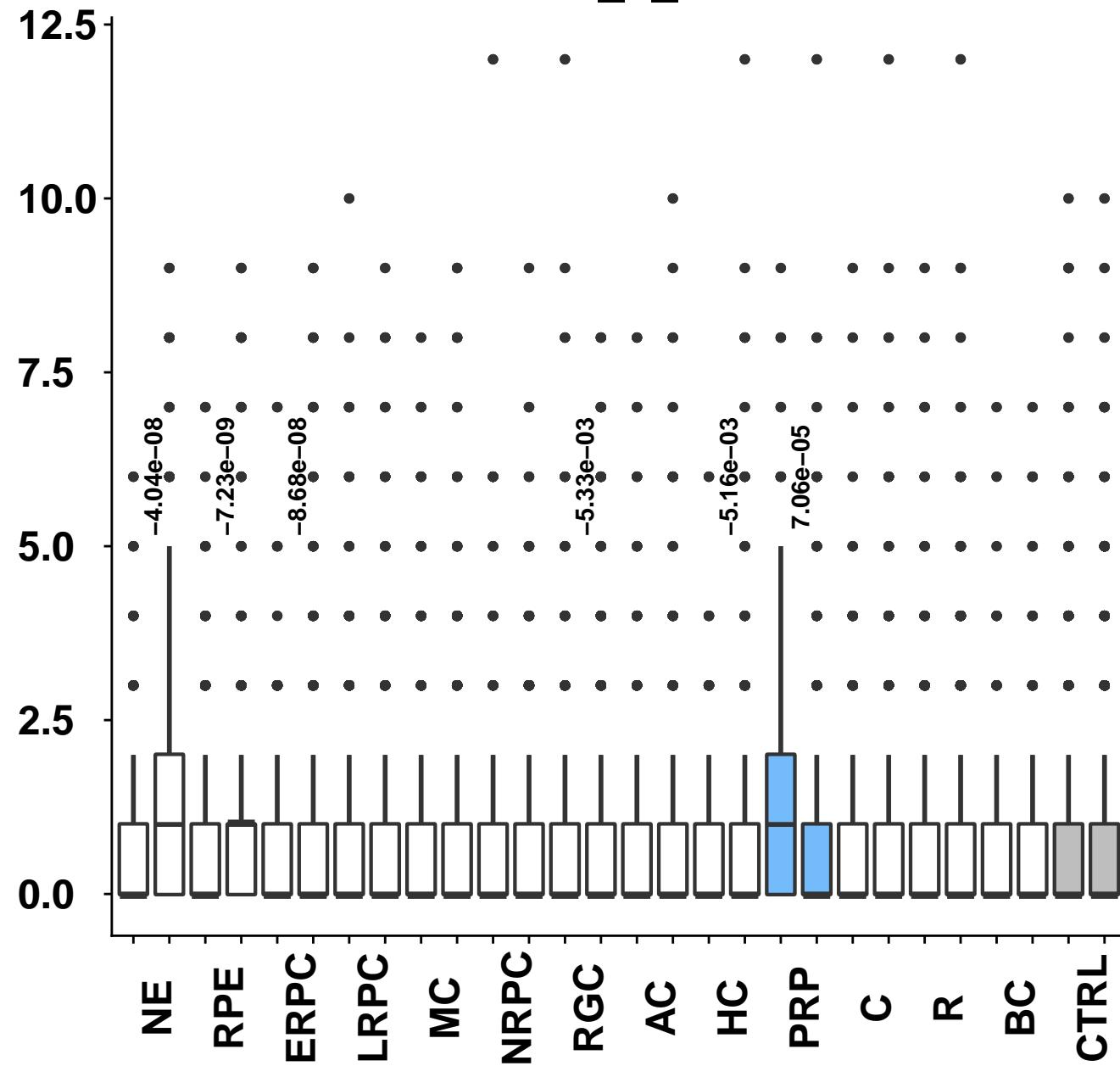
## Lhx4\_2\_total



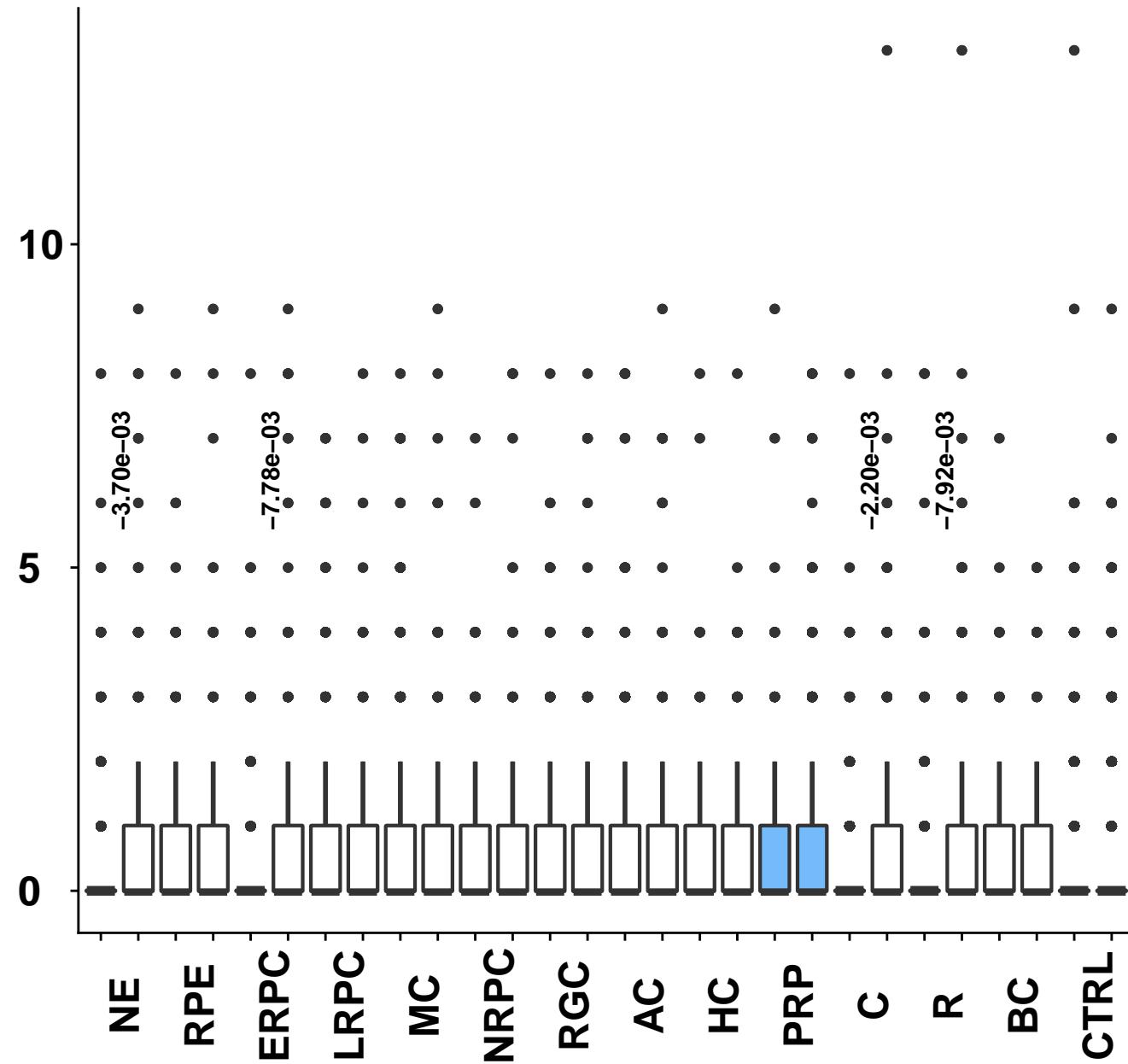
## Foxo3\_1\_total



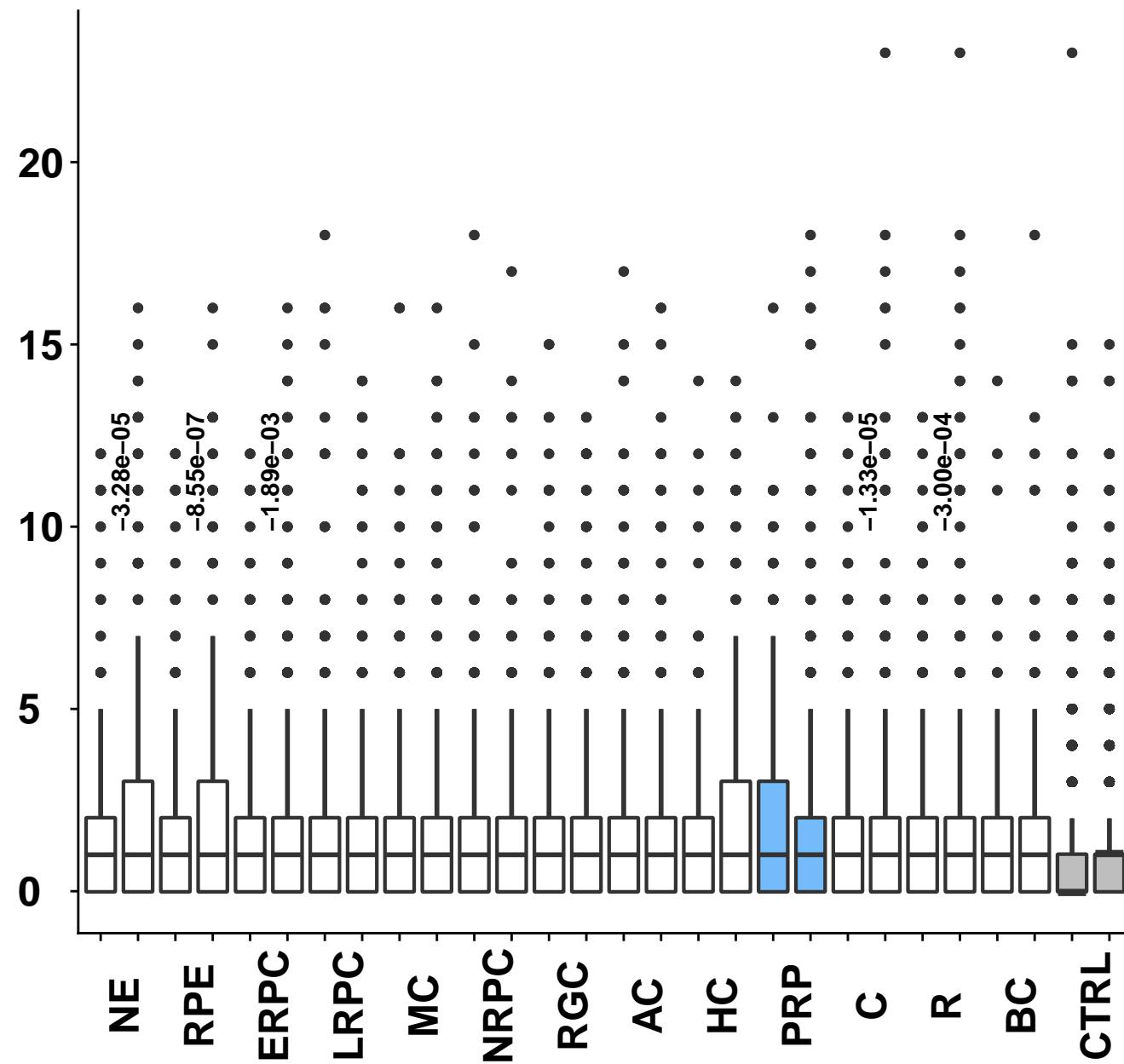
## Foxo3\_2\_total



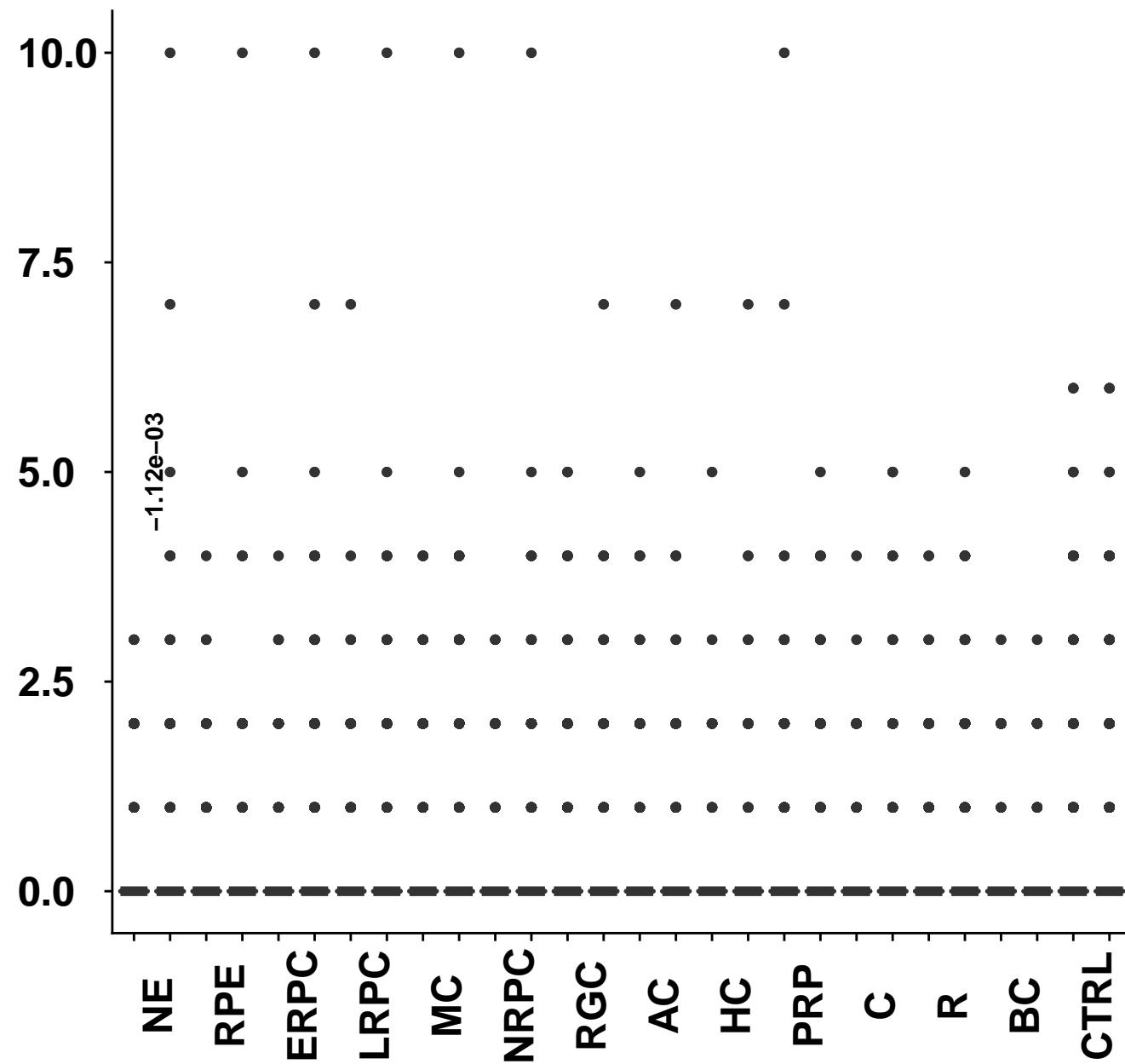
# Hbp1\_1\_total



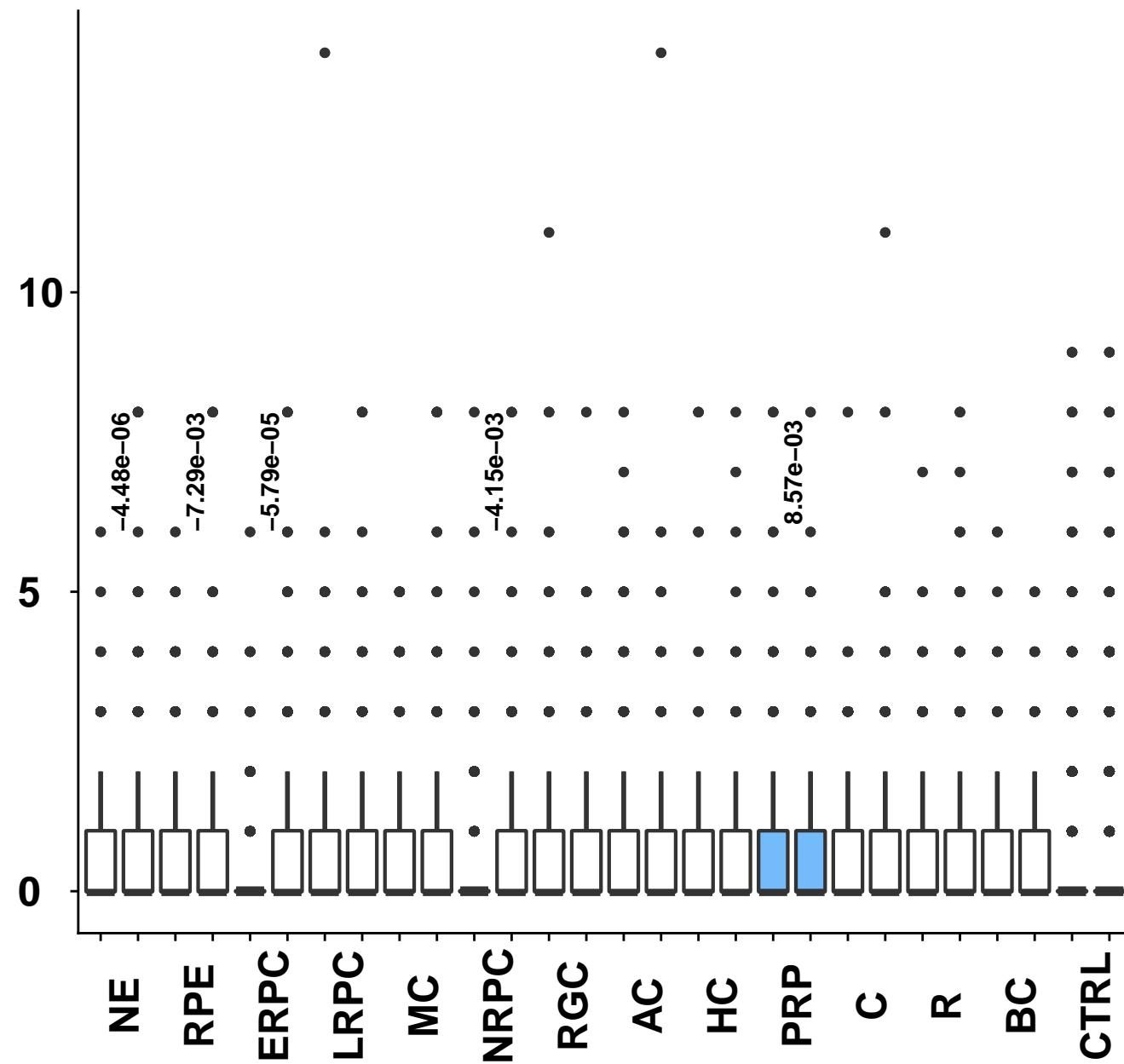
## Hbp1\_2\_total



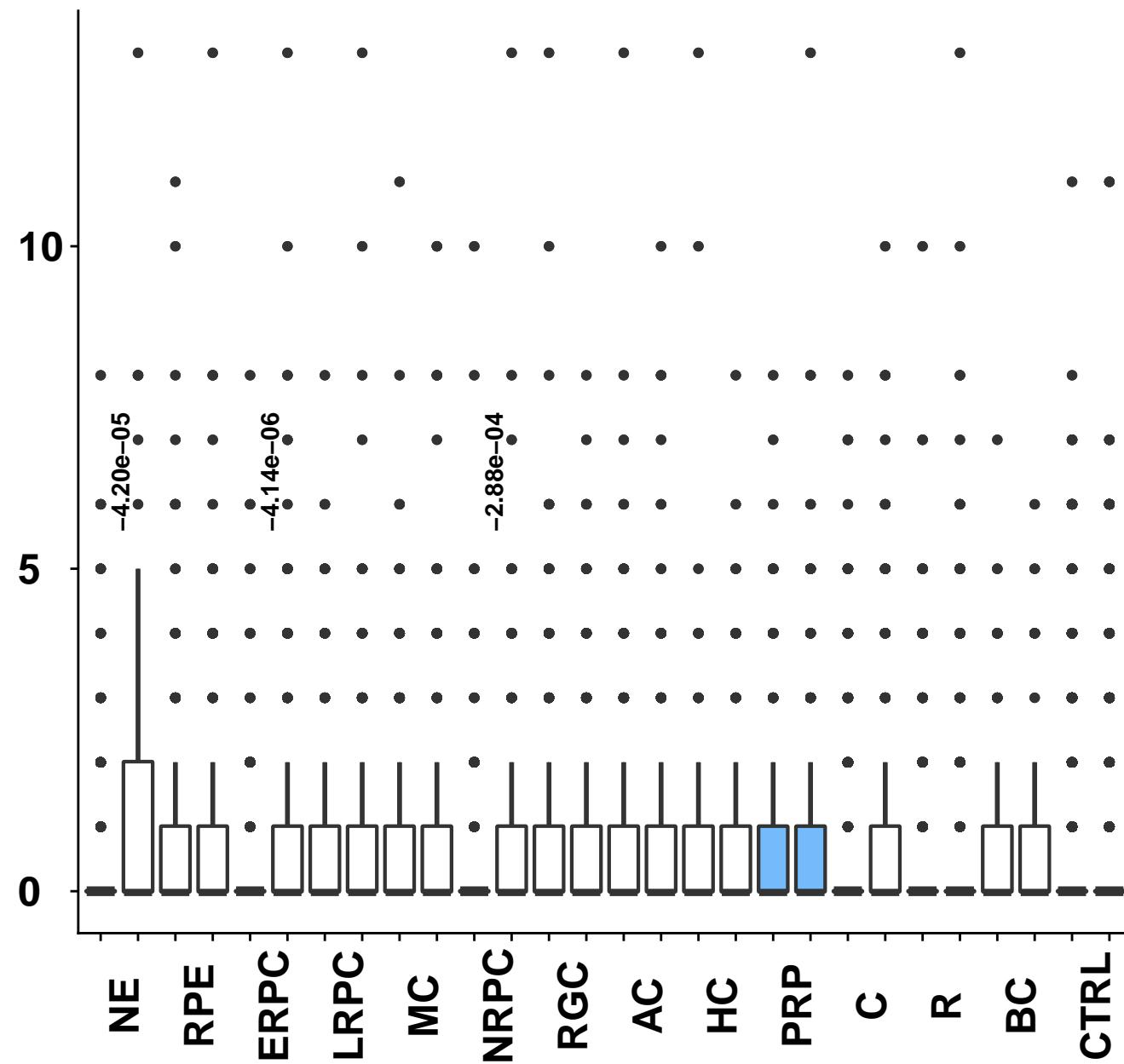
## Jund\_1\_total



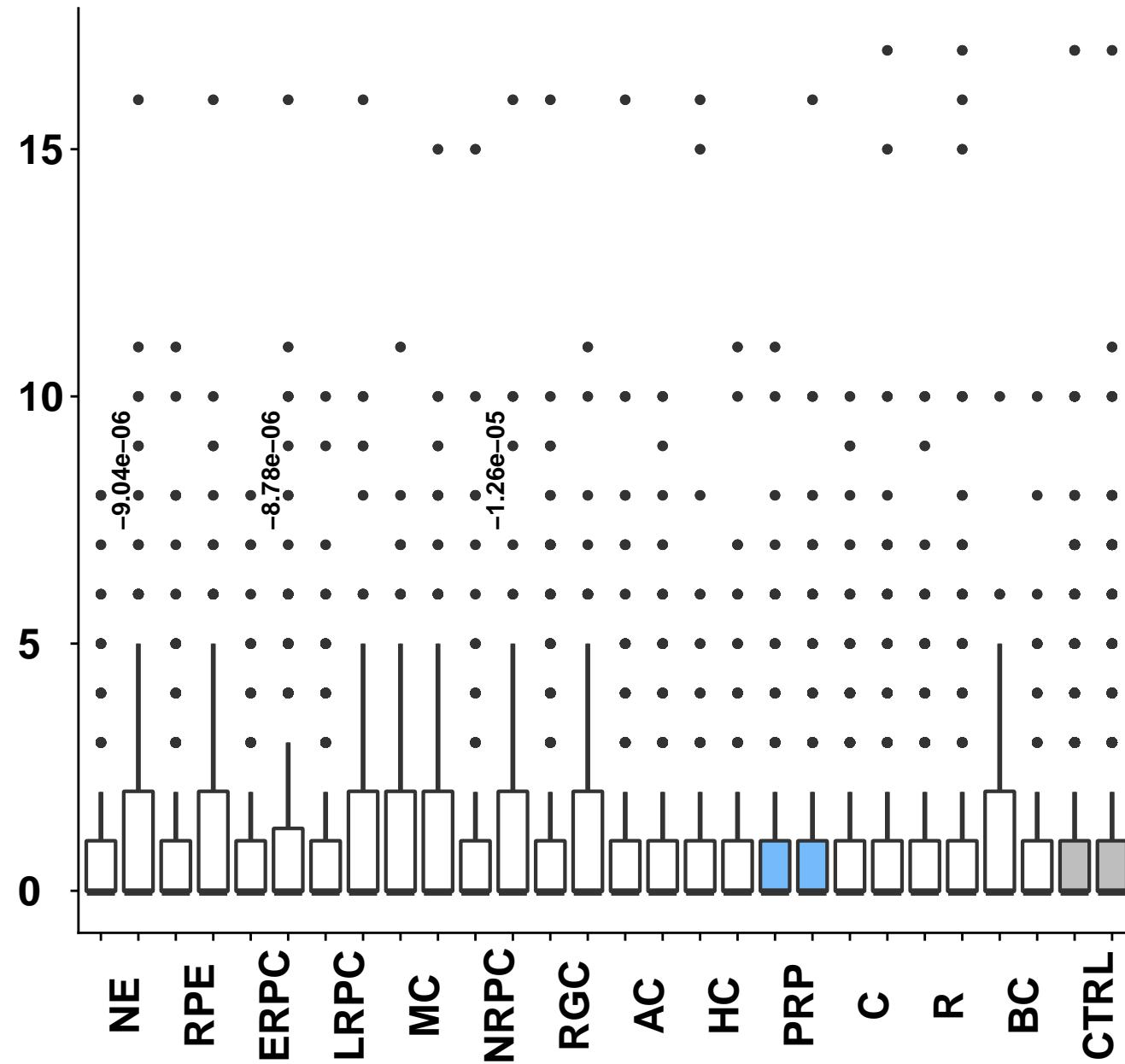
## Jund\_2\_total



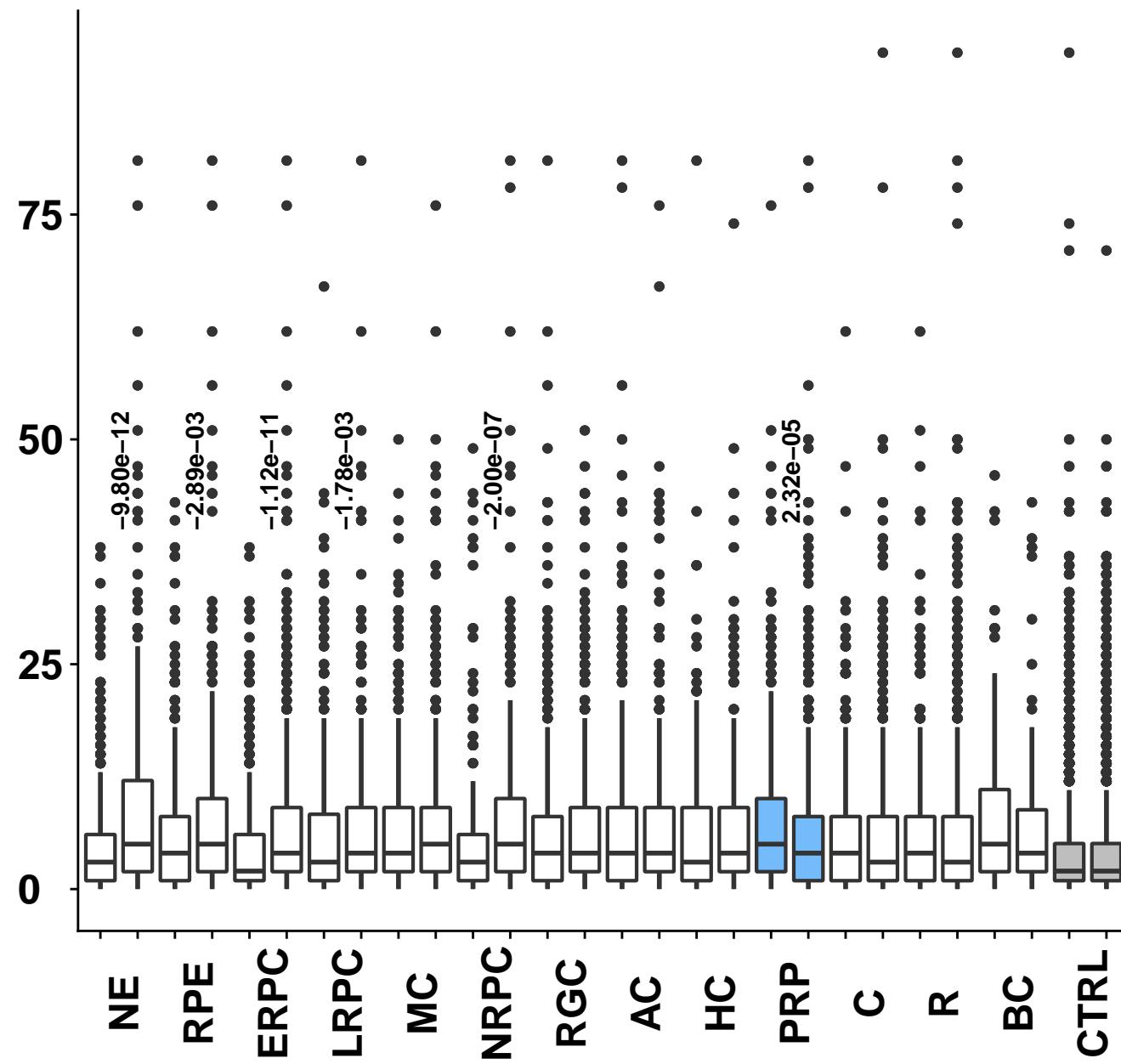
### Jund\_3\_total



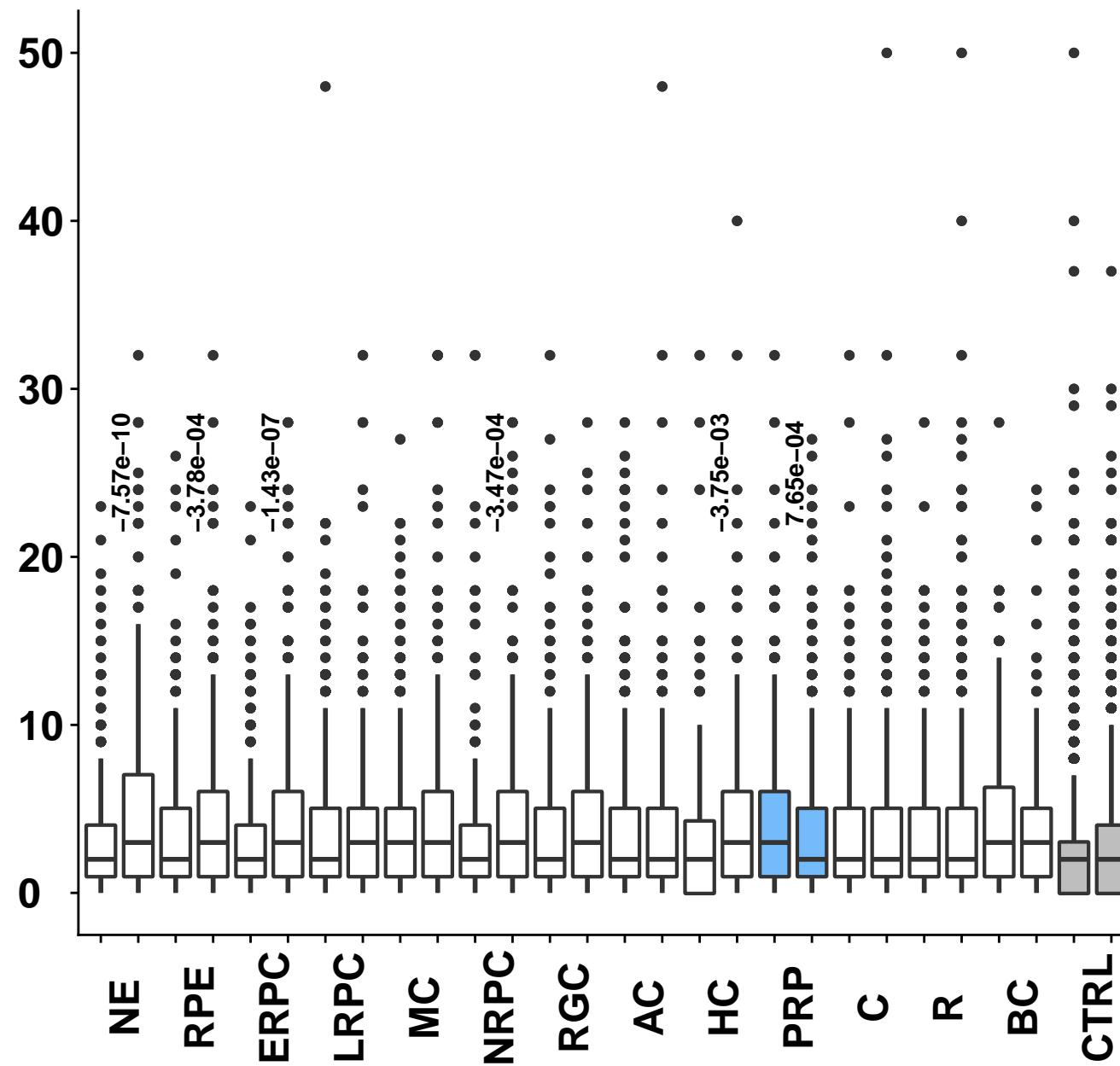
## Jund\_4\_total



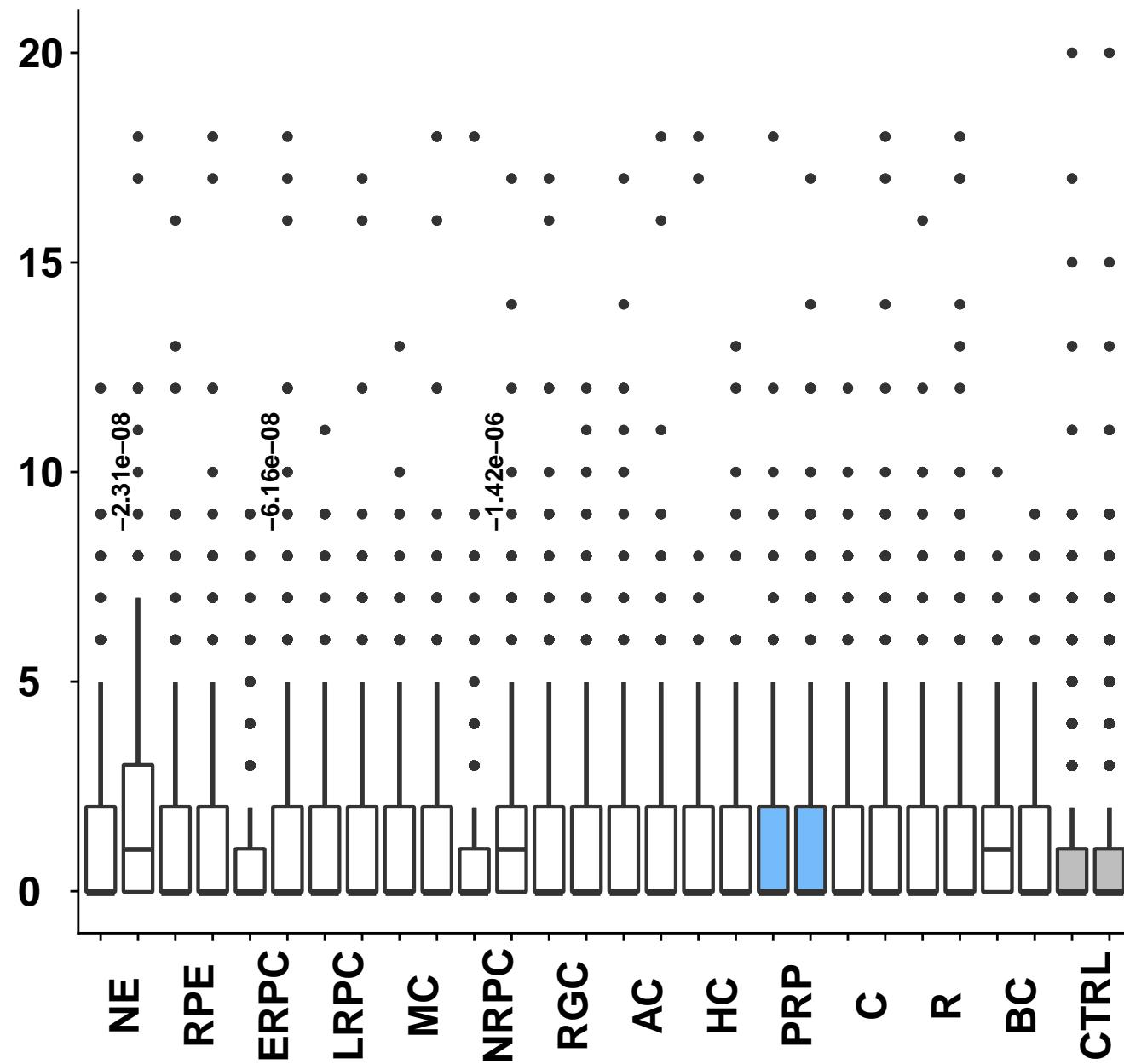
## Jund\_5\_total



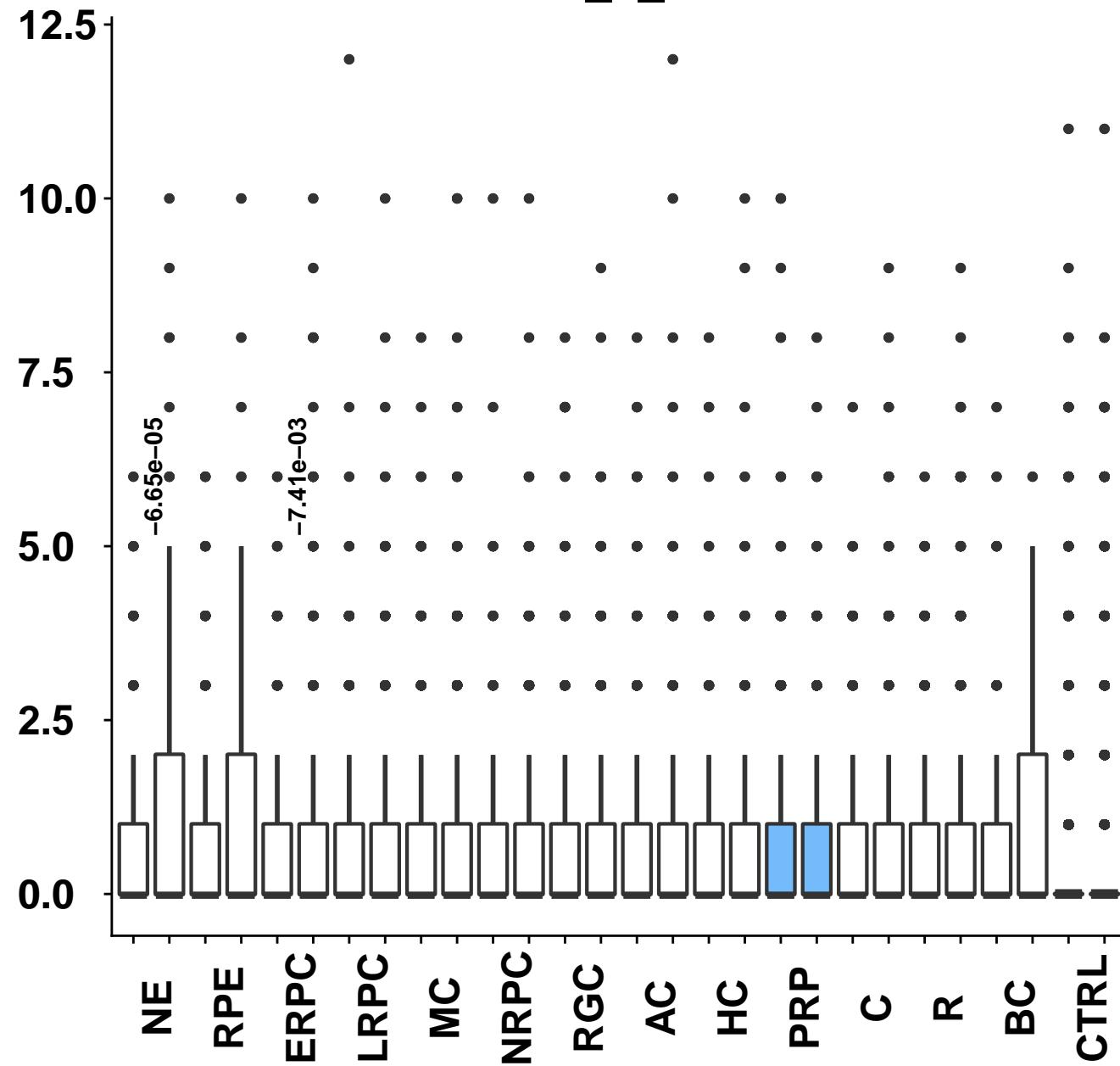
## Jund\_6\_total



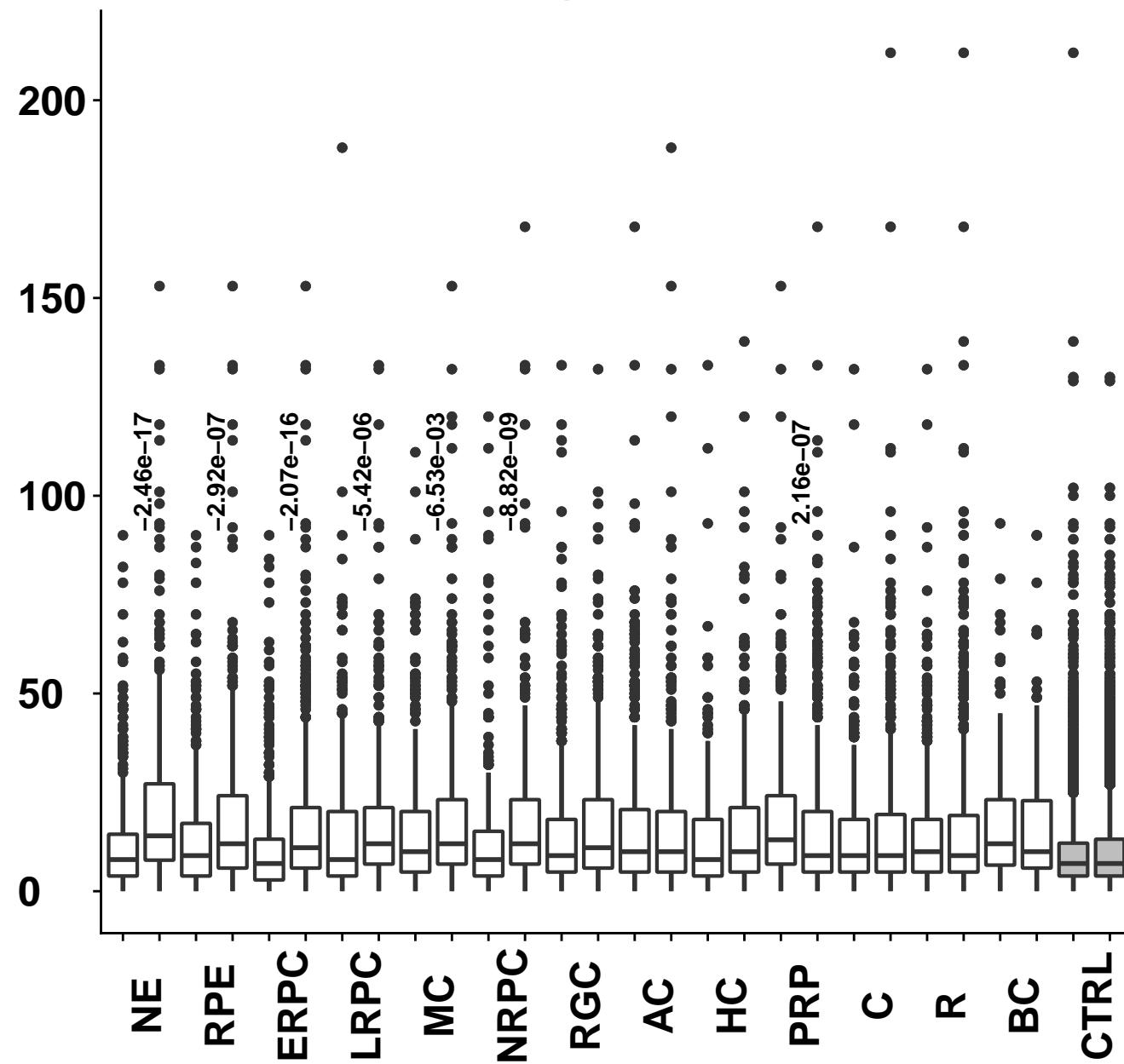
## Jund\_7\_total



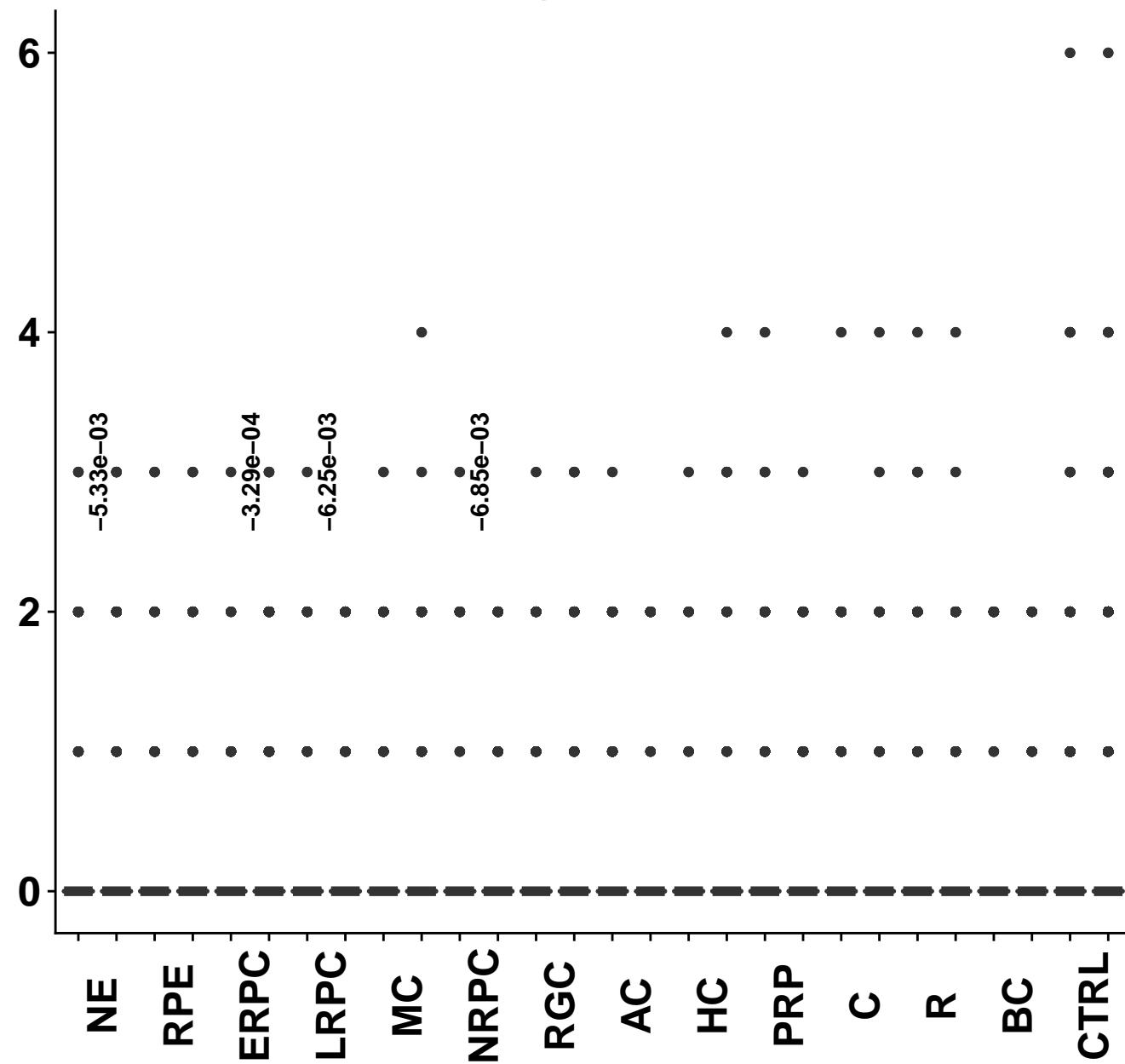
## Jund\_8\_total



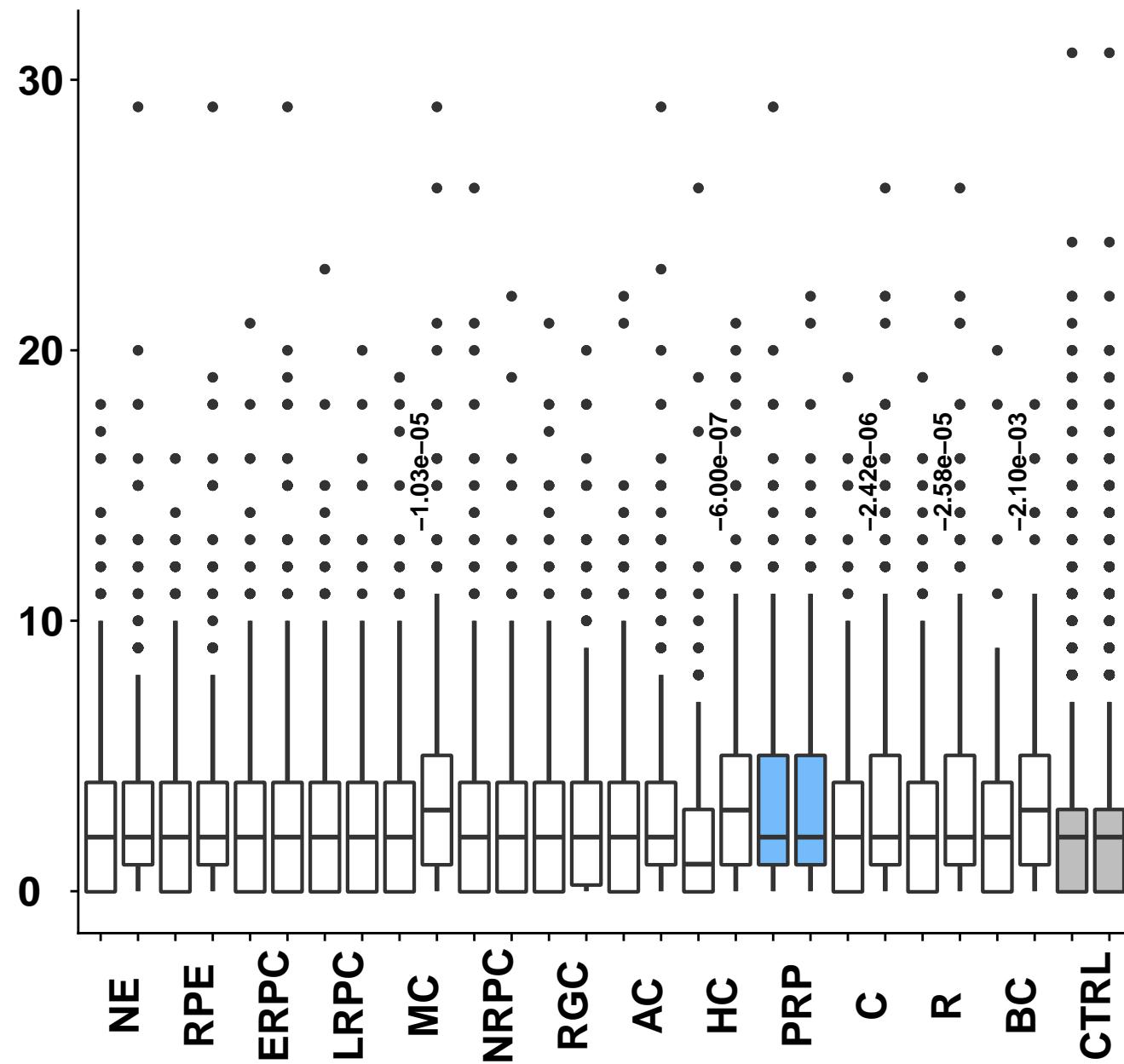
# Mafg\_1\_total



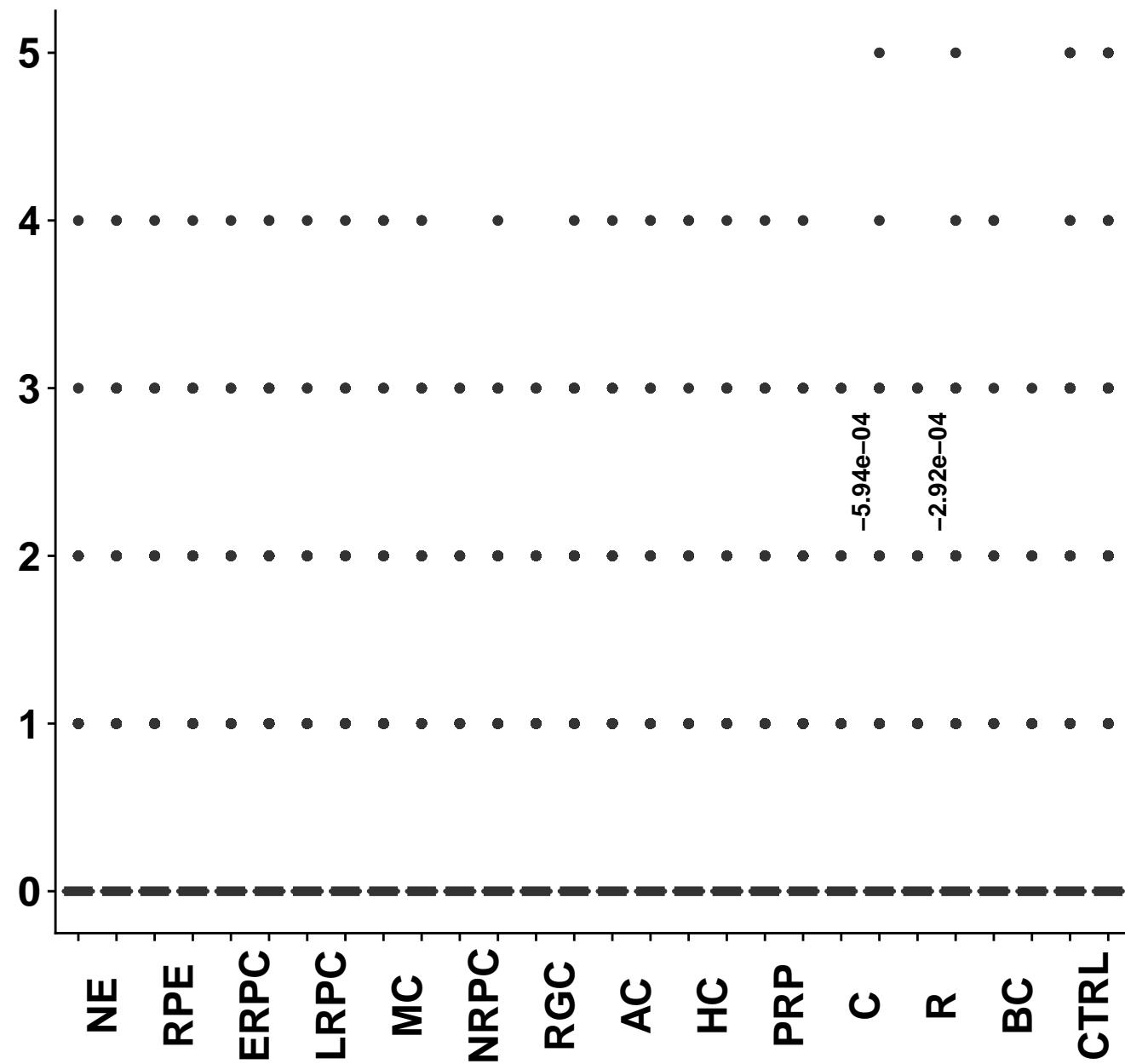
## Mafg\_2\_total



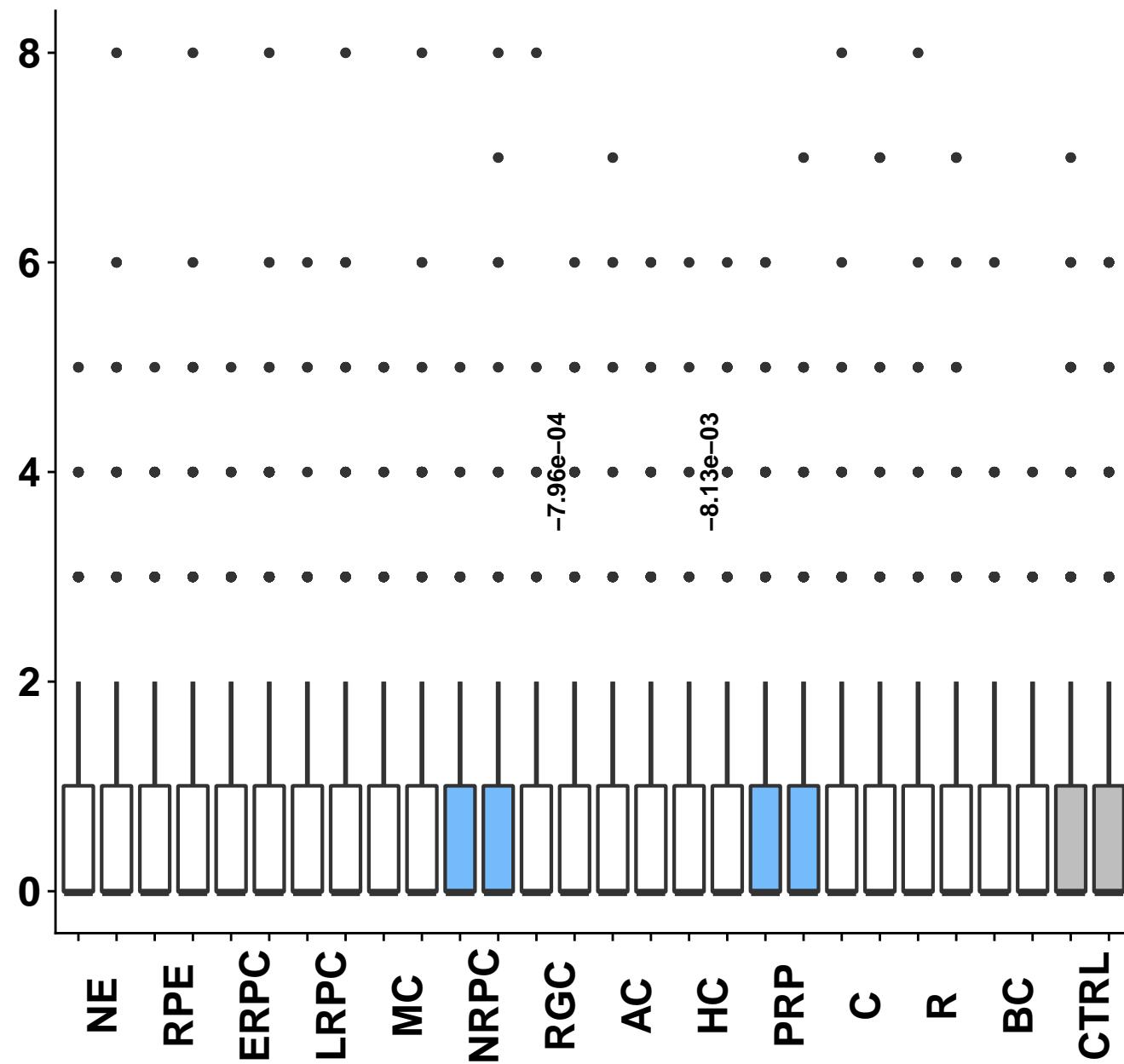
## Mxi1\_1\_total



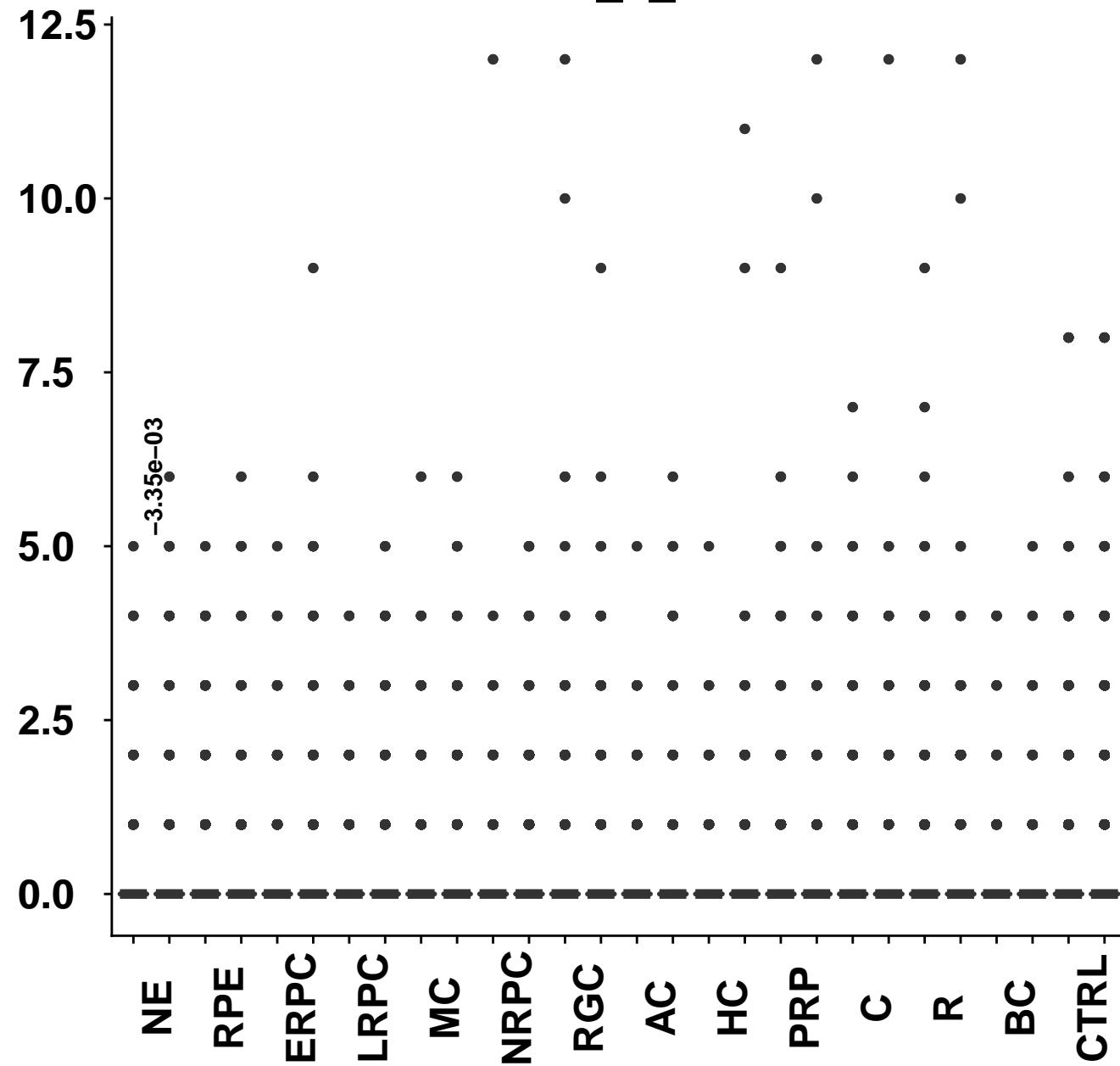
## Prdm1\_4\_total



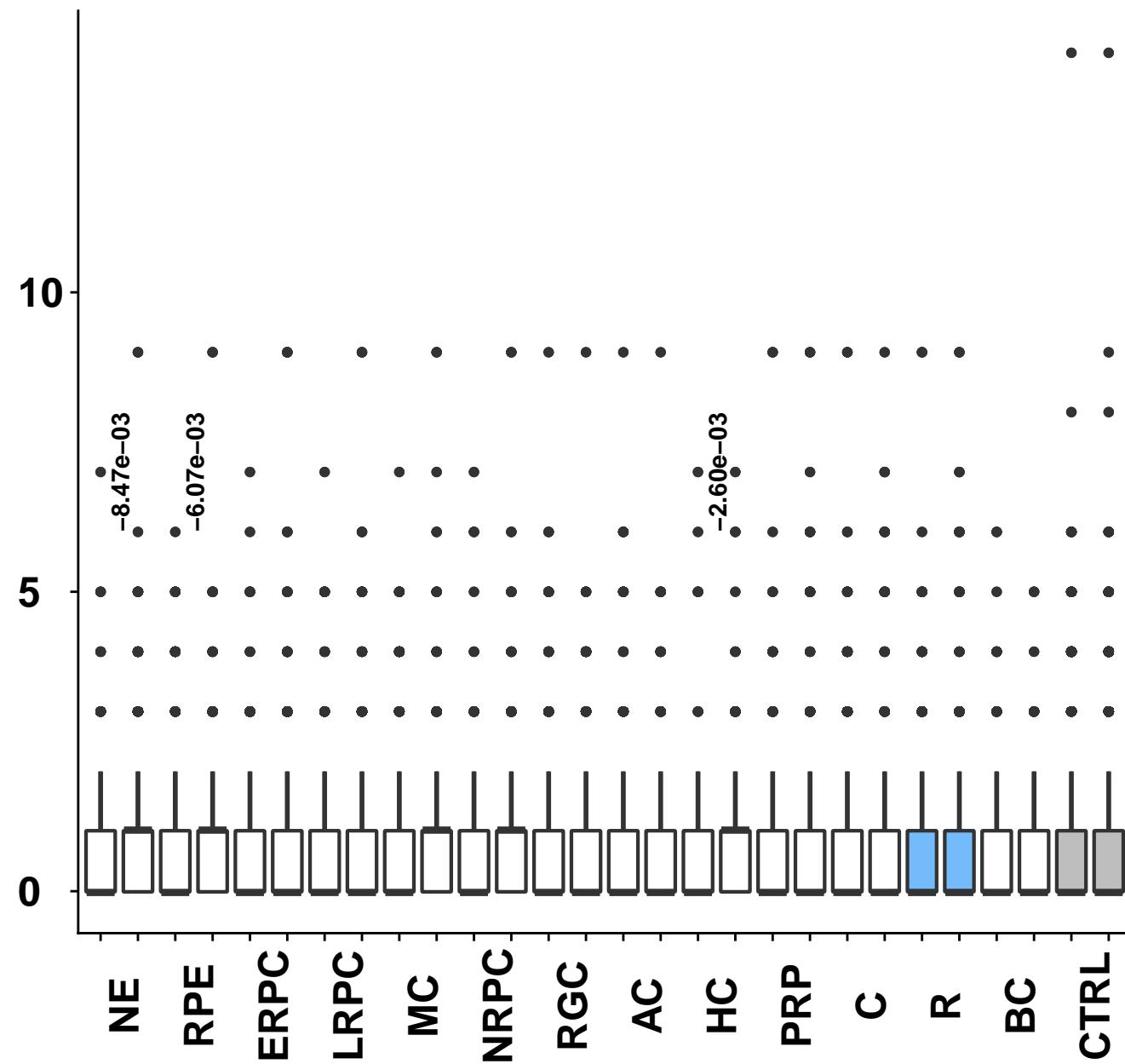
## Prdm1\_5\_total



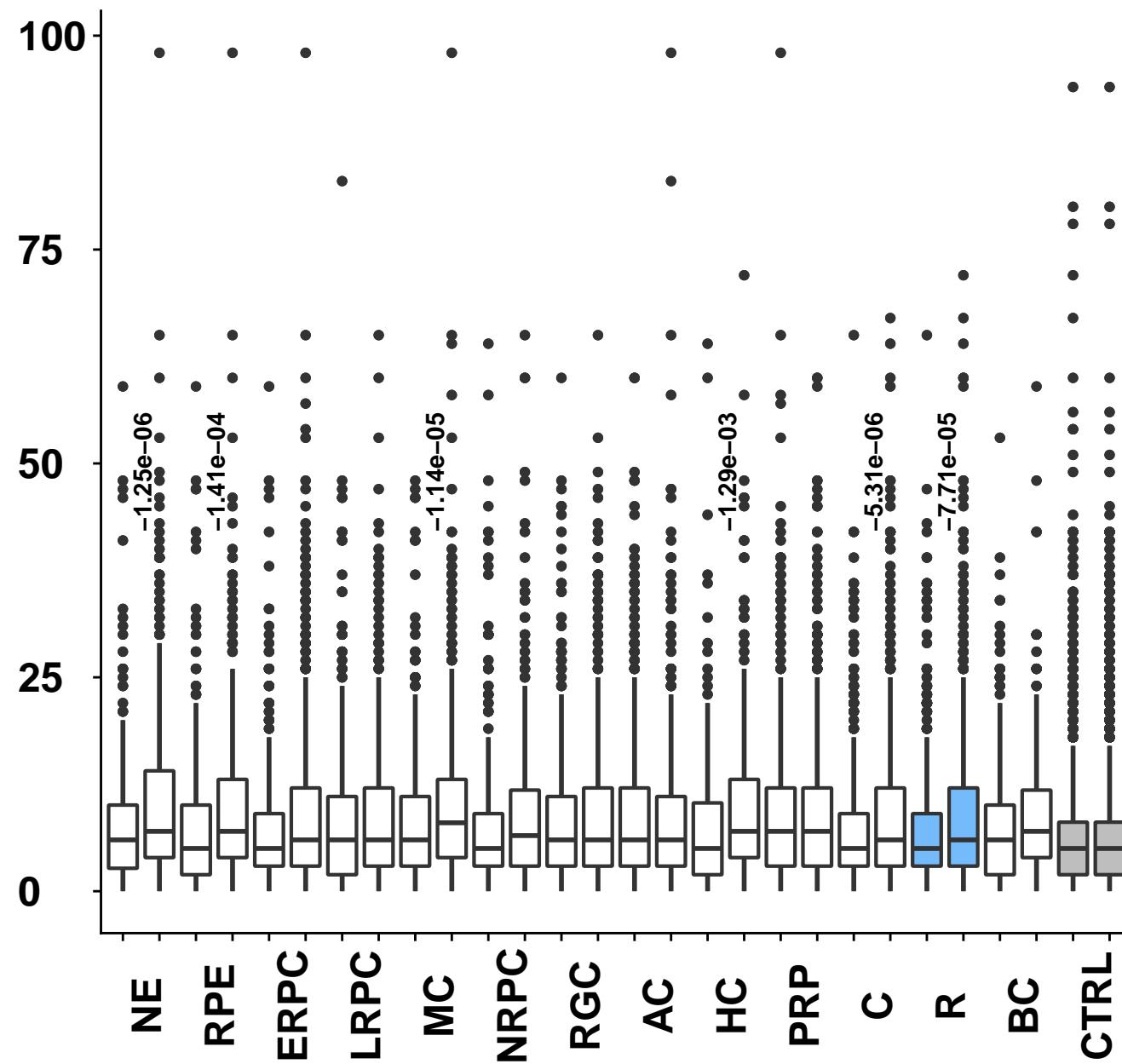
## Rreb1\_1\_total



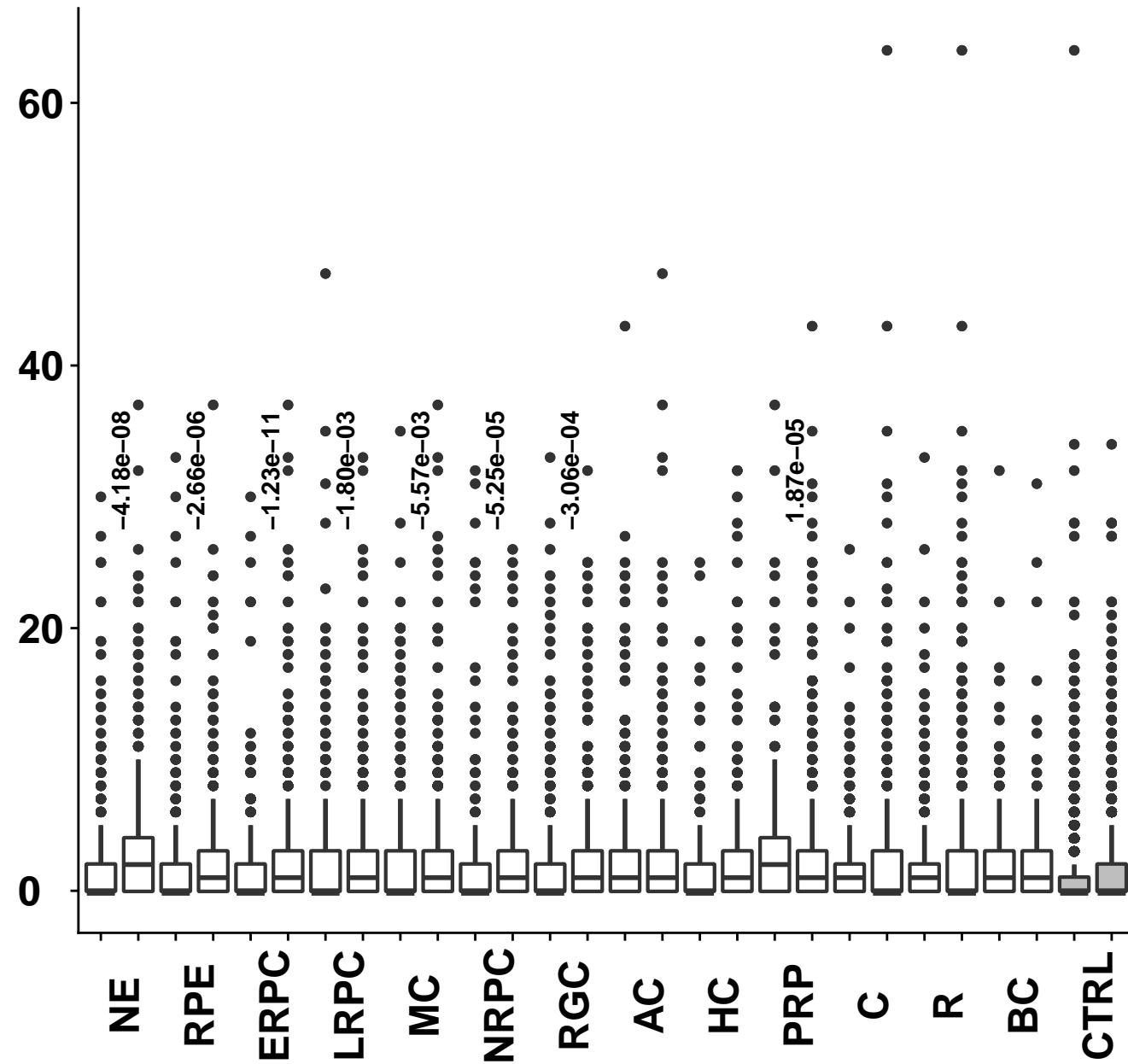
## Ahr\_1\_total

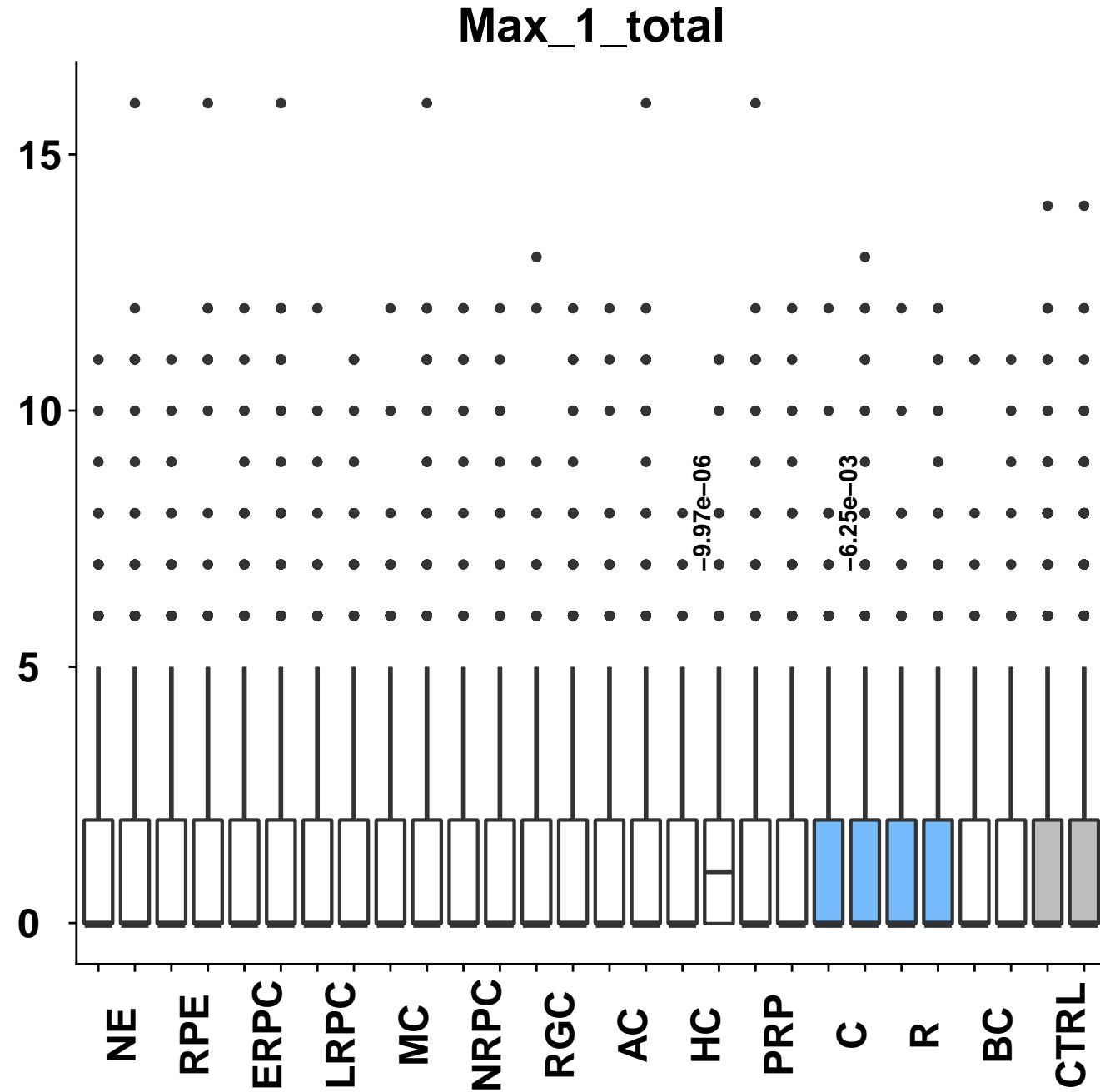


## Ahr\_2\_total

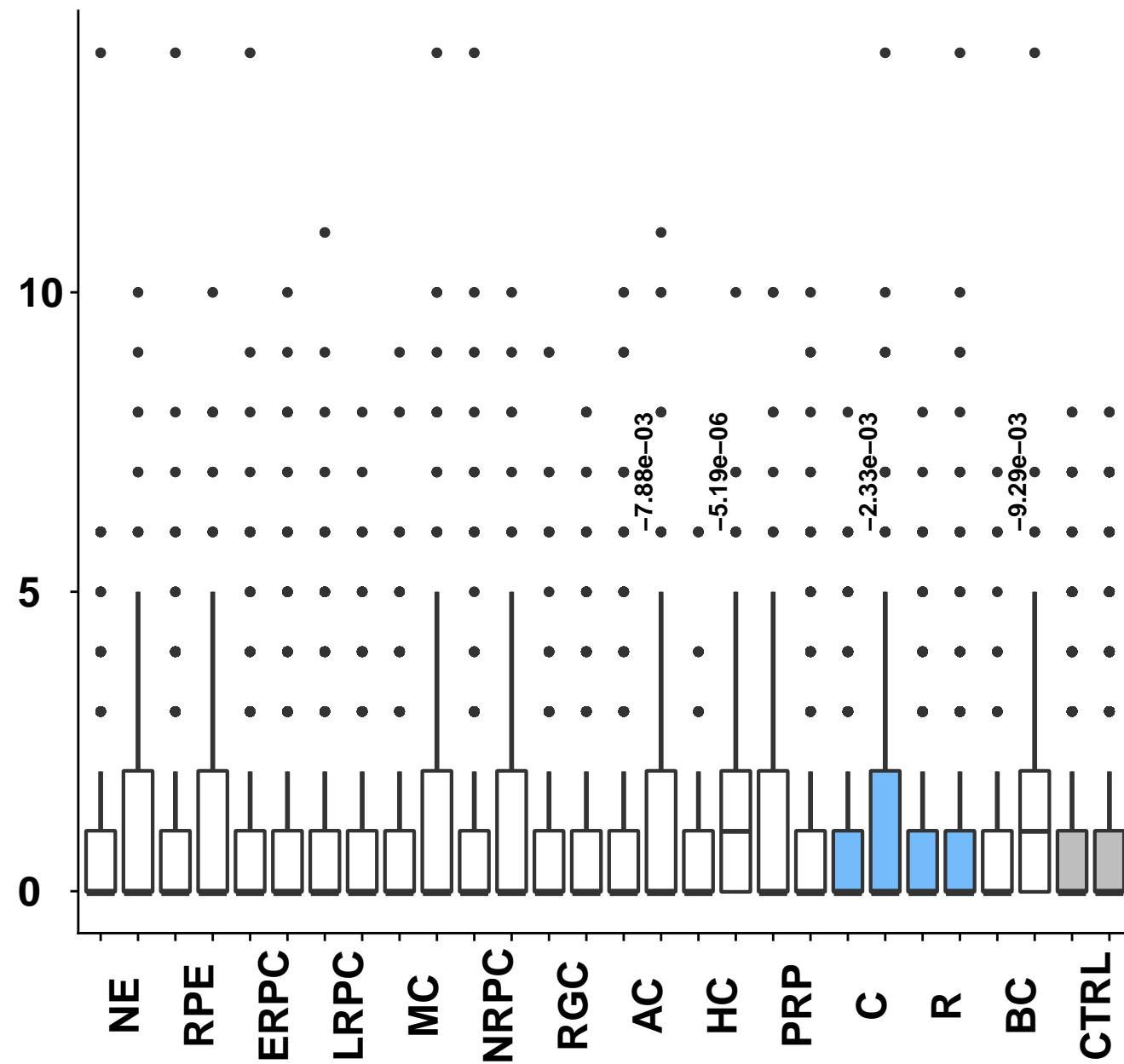


## Arid3b\_1\_total

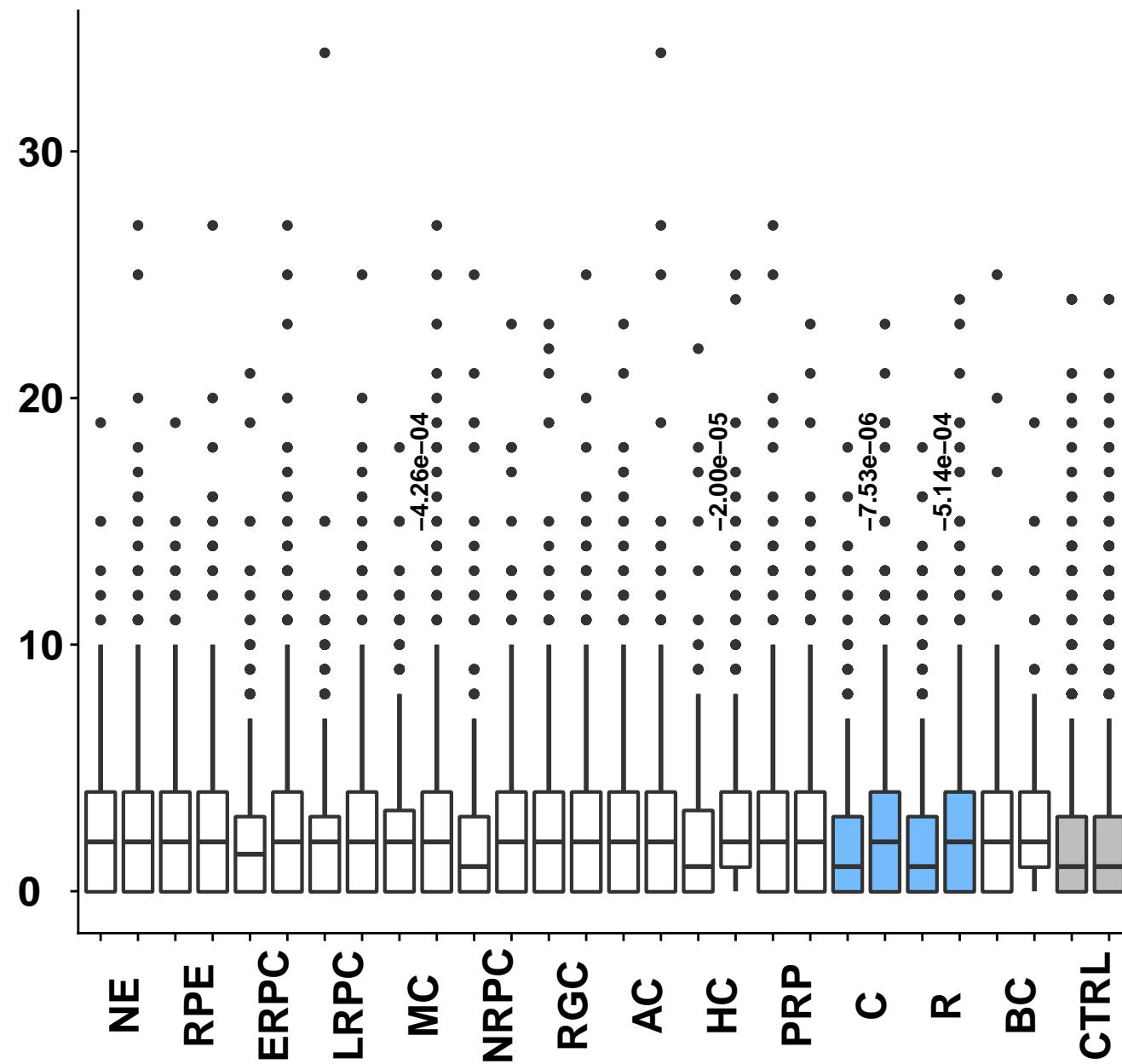




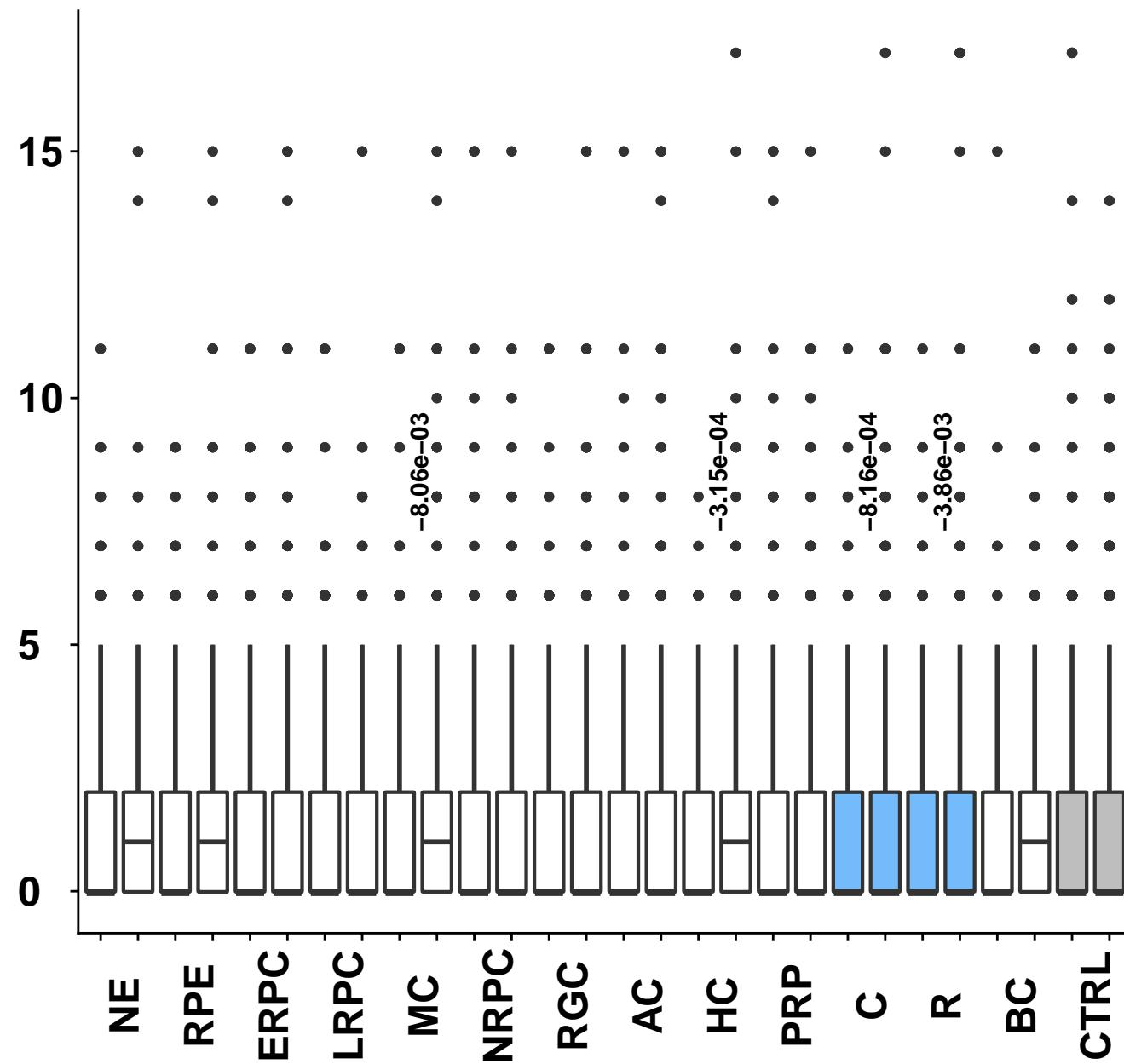
## Max\_2\_total



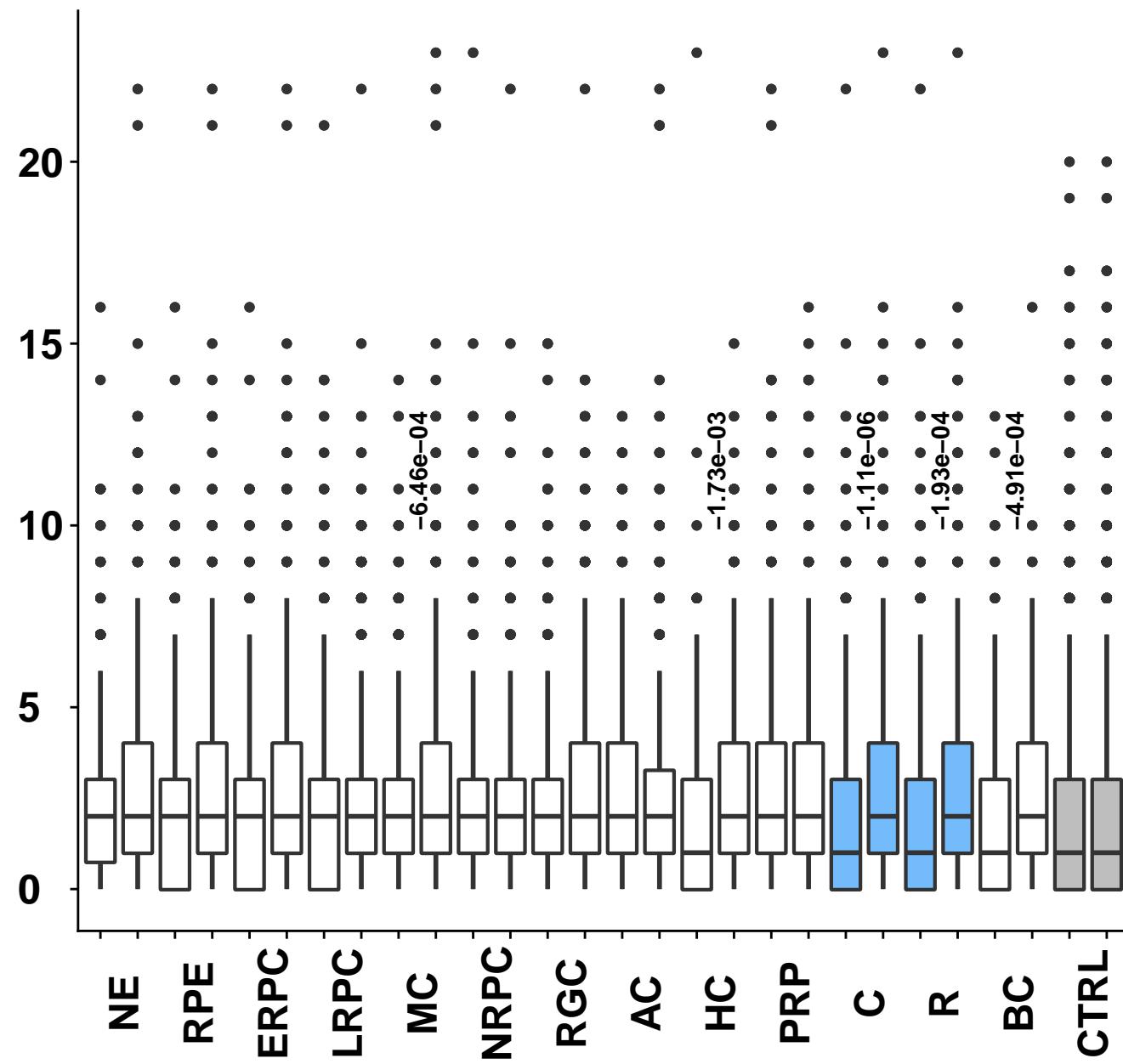
## Max\_3\_total



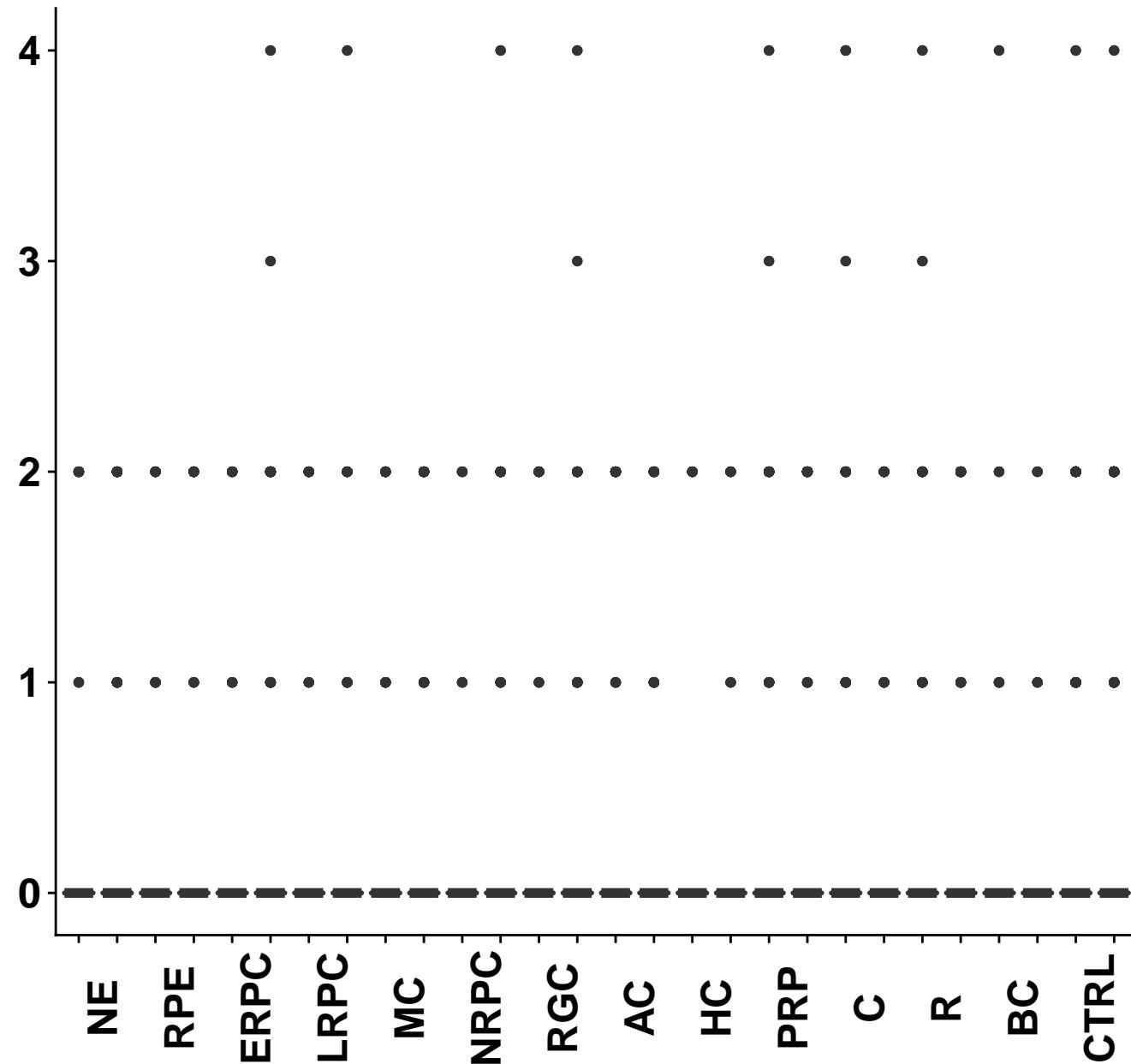
## Max\_4\_total



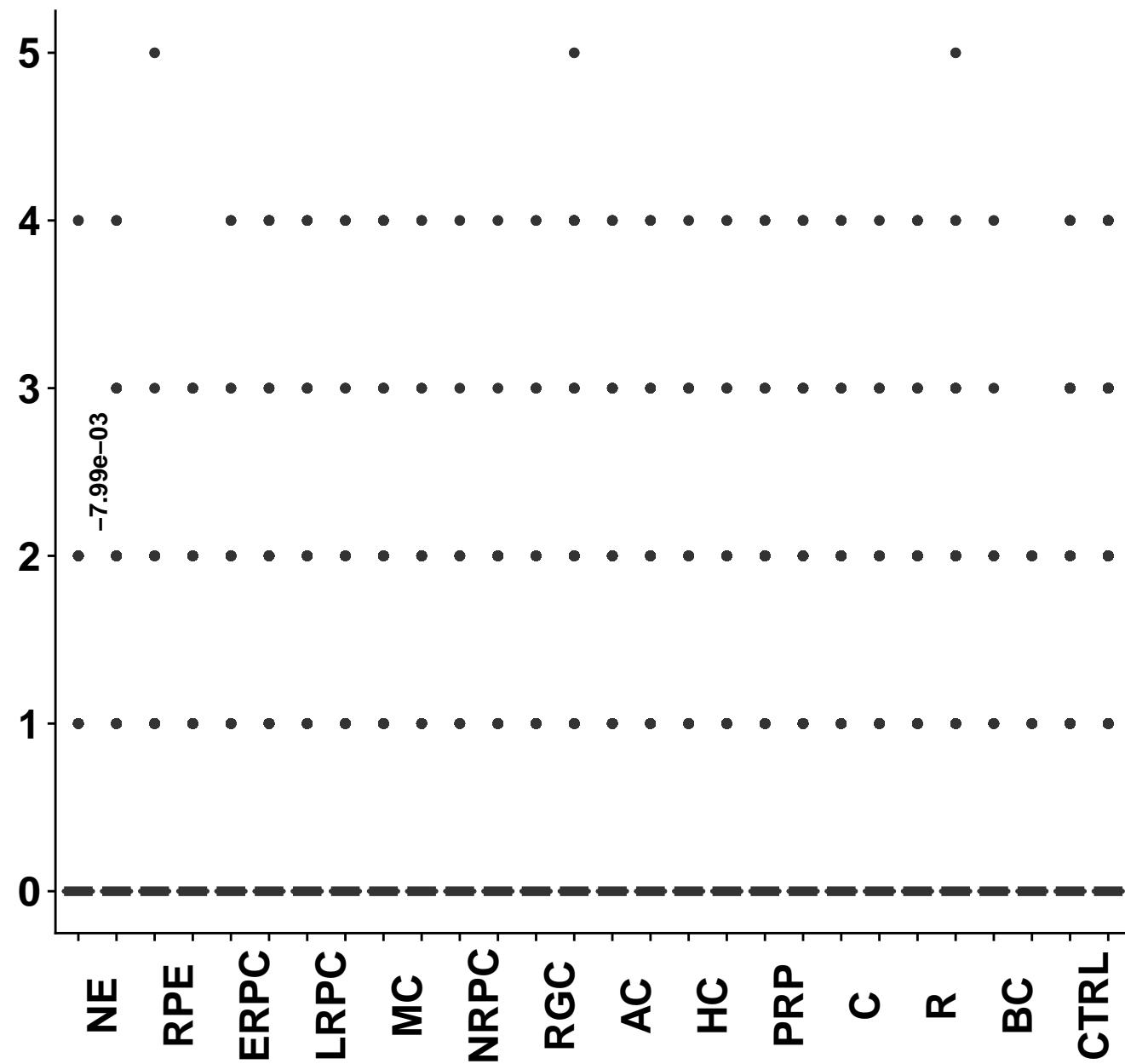
## Max\_5\_total



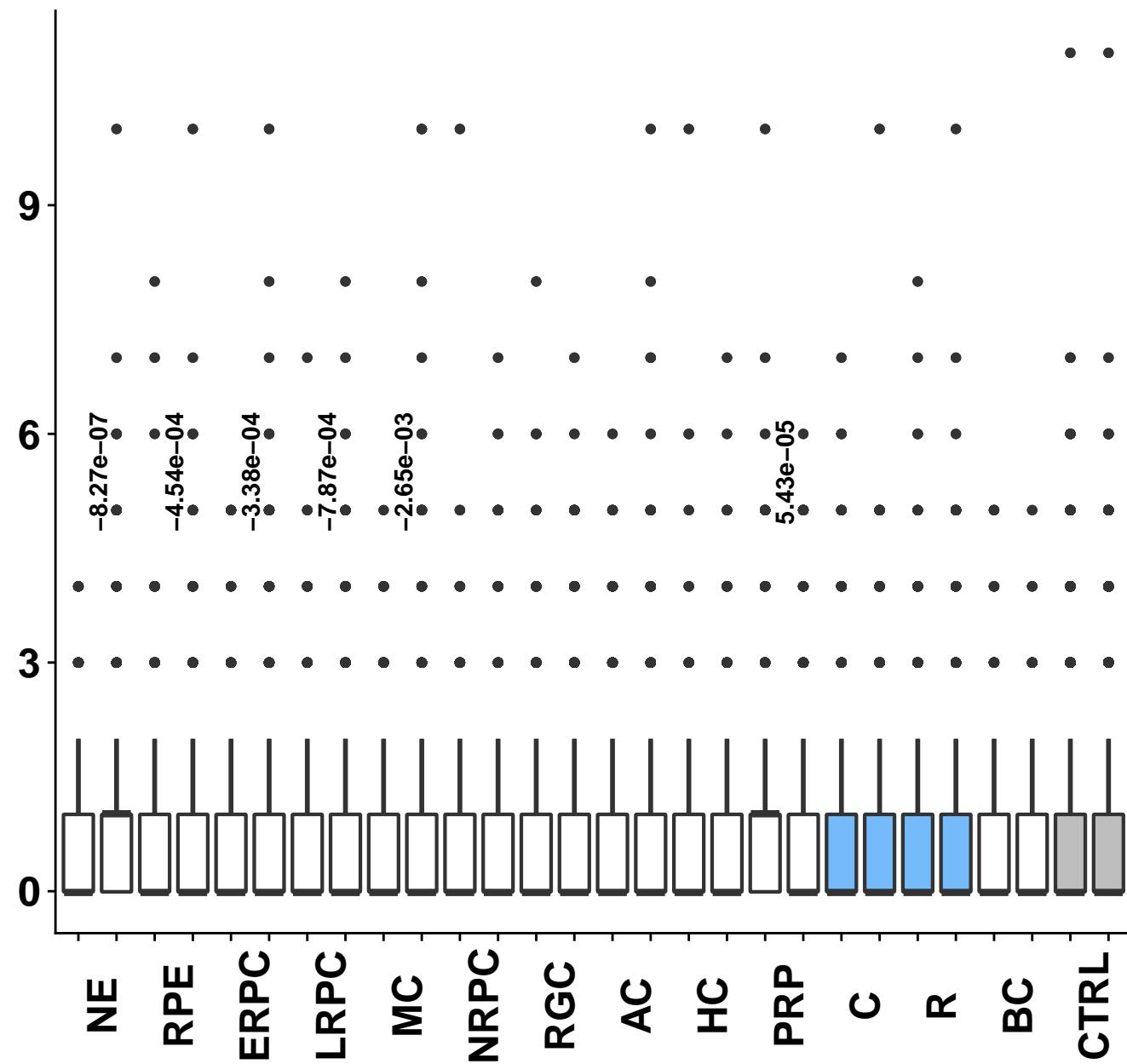
## Nr3c1\_1\_total



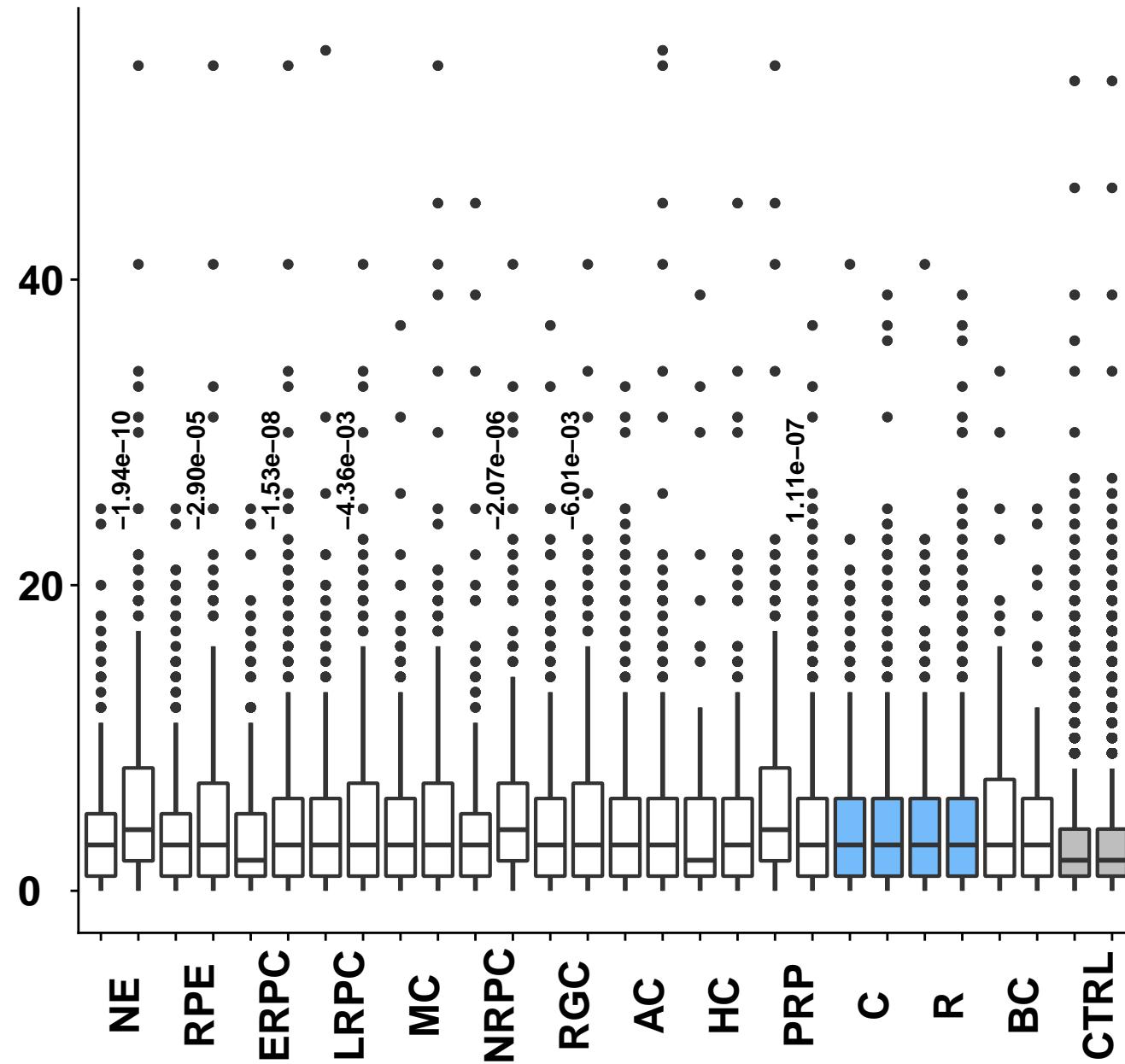
## Tef\_1\_total



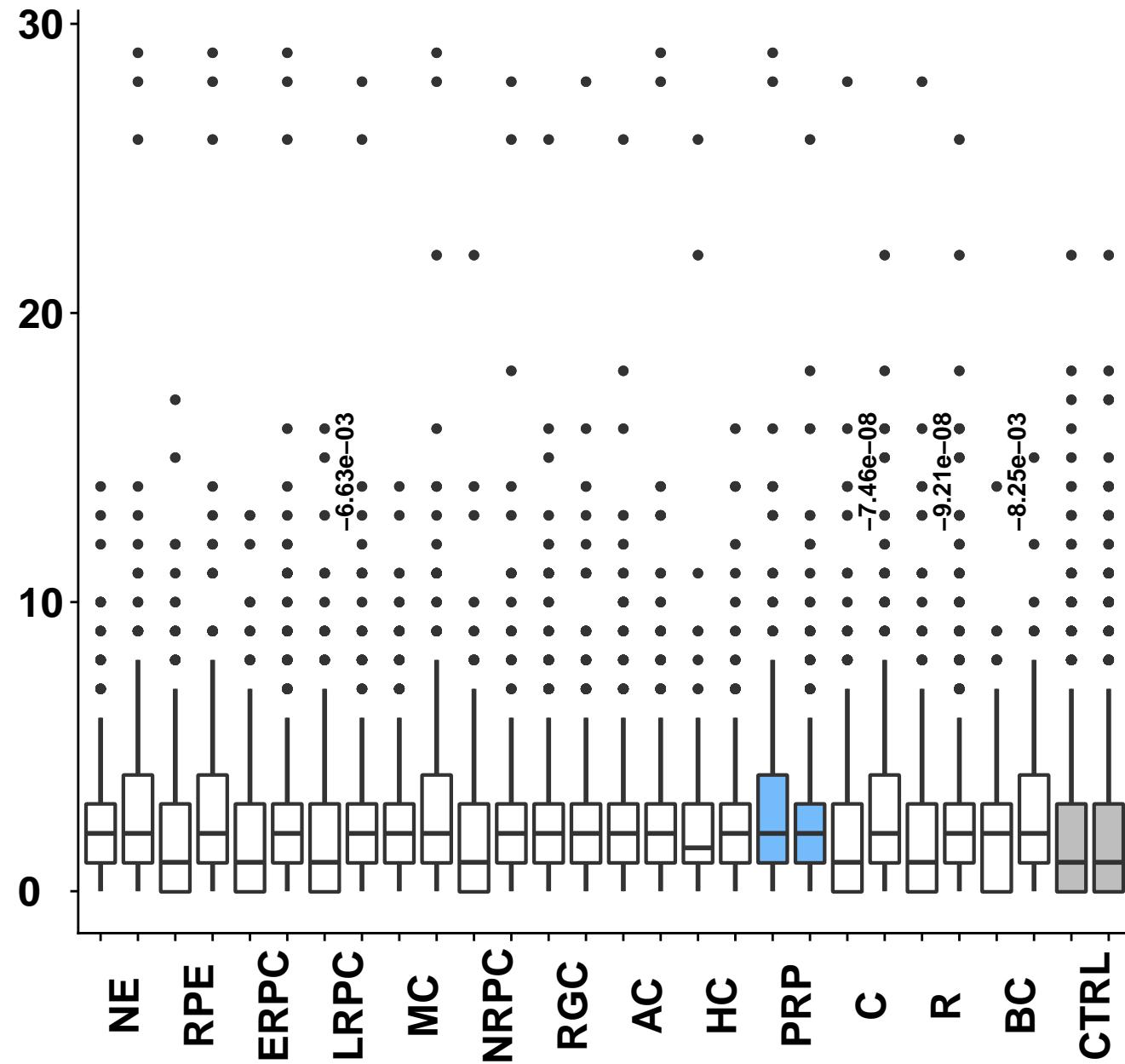
## Thrb\_1\_total



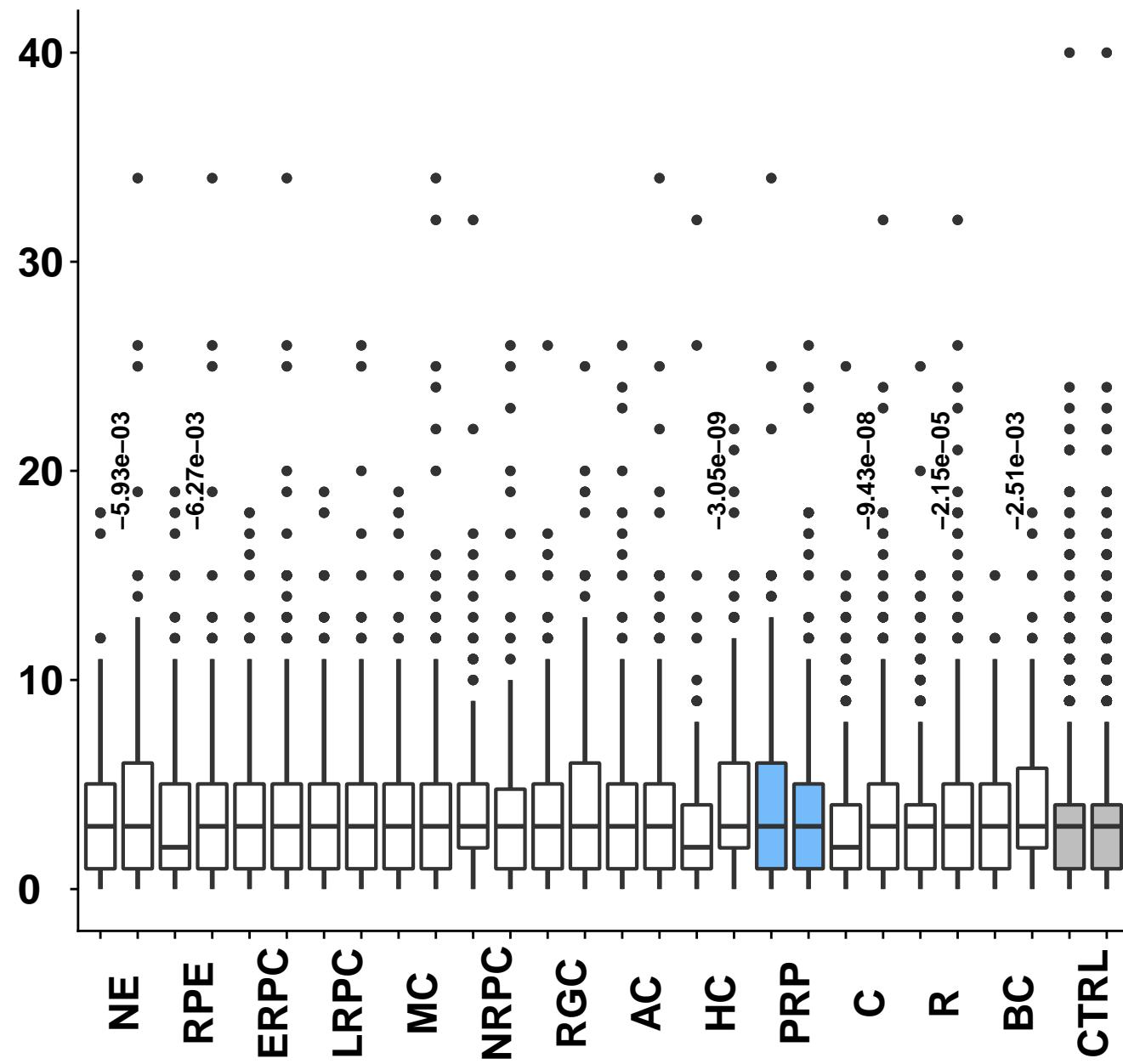
## Thrb\_2\_total



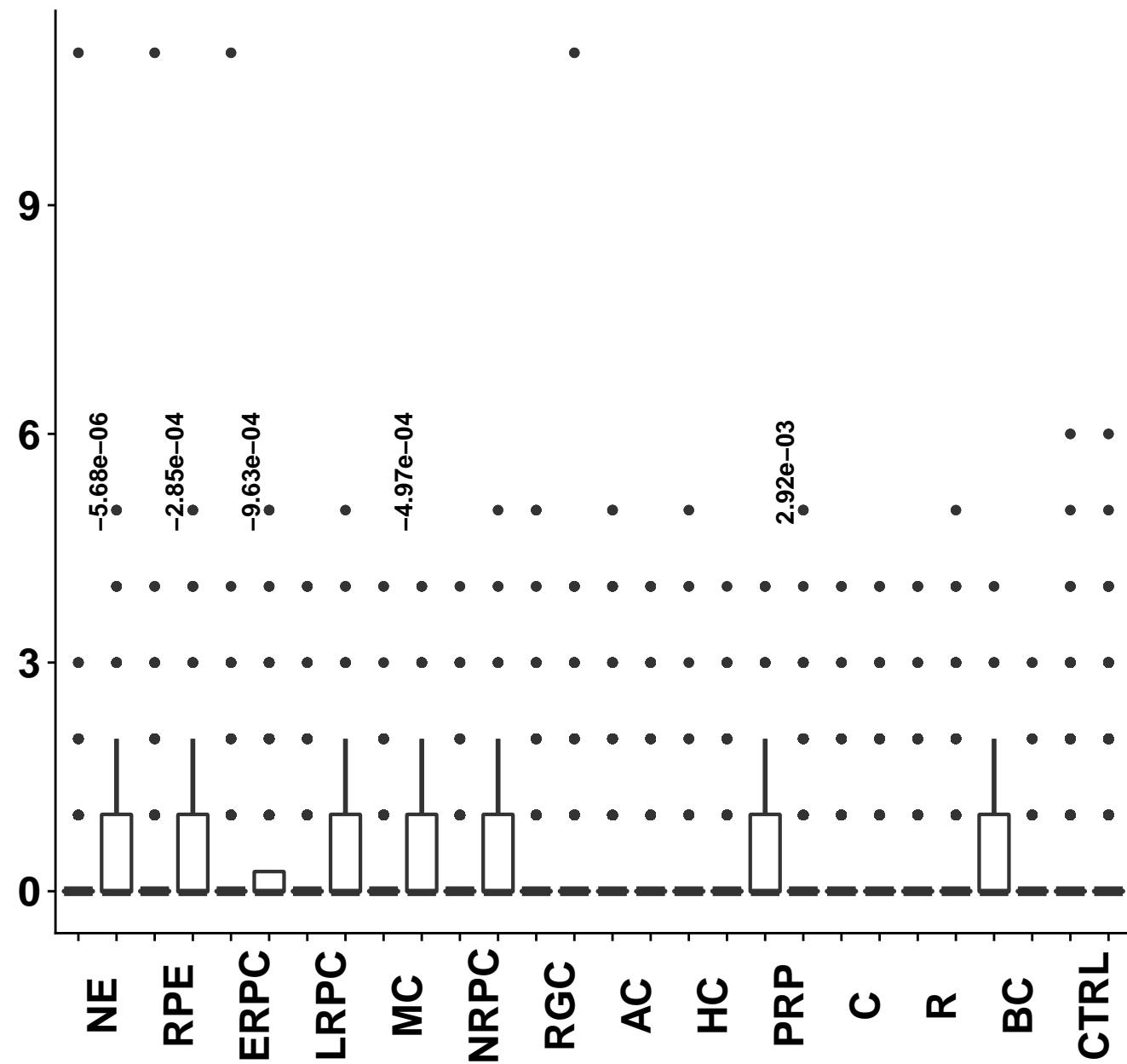
## Zbtb7a\_1\_total



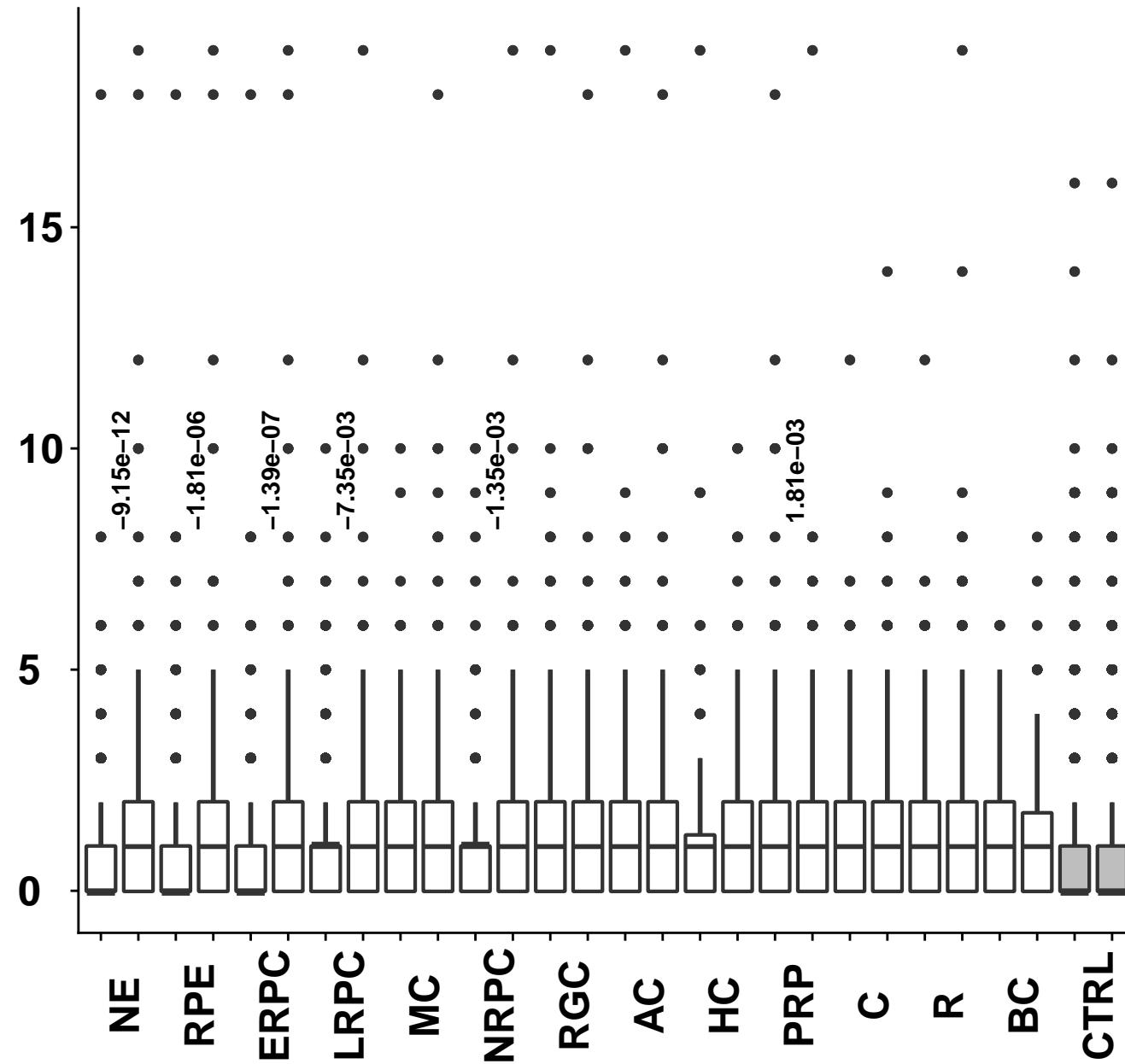
## Zbtb7a\_2\_total



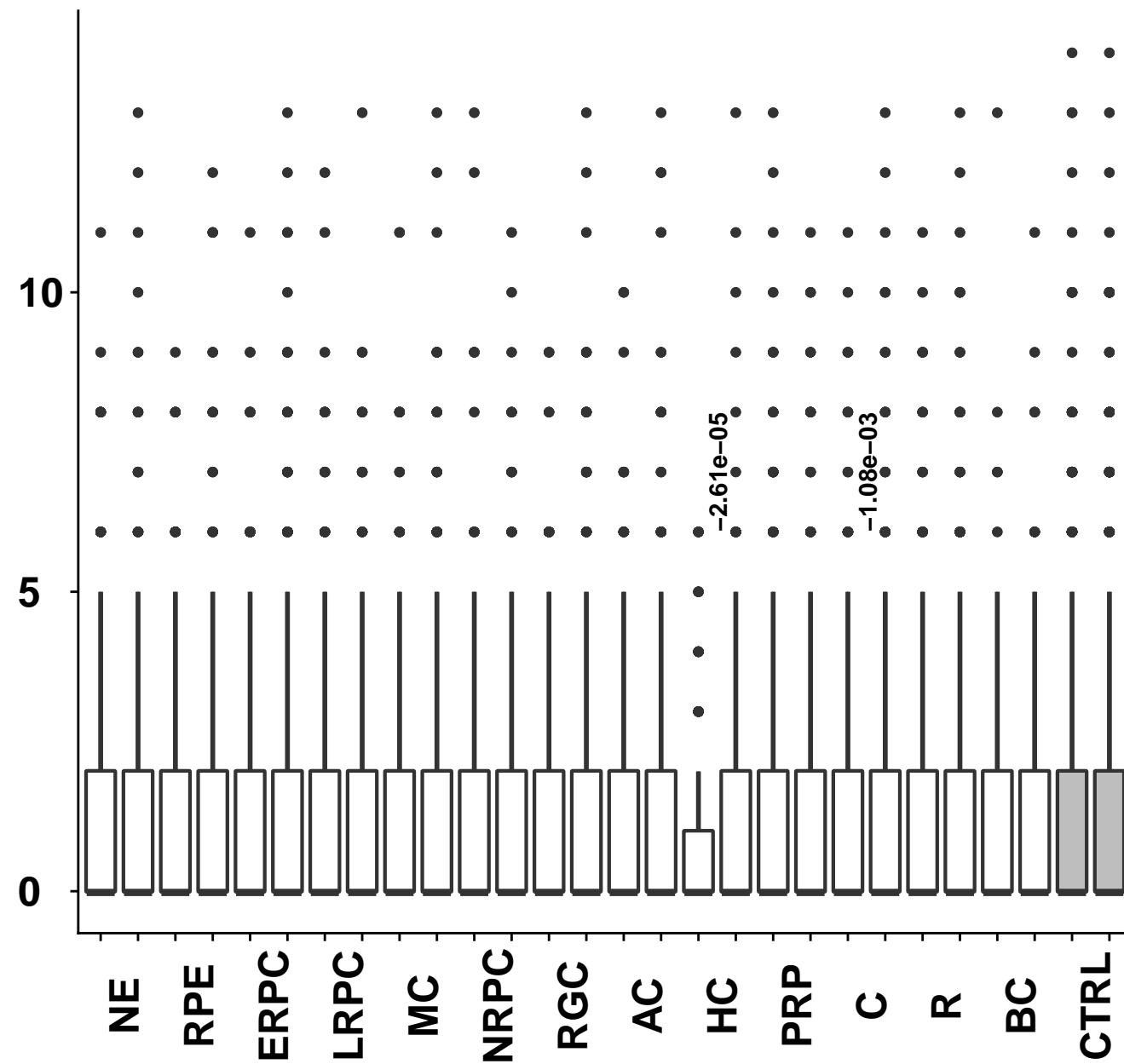
## Pbx3\_1\_total



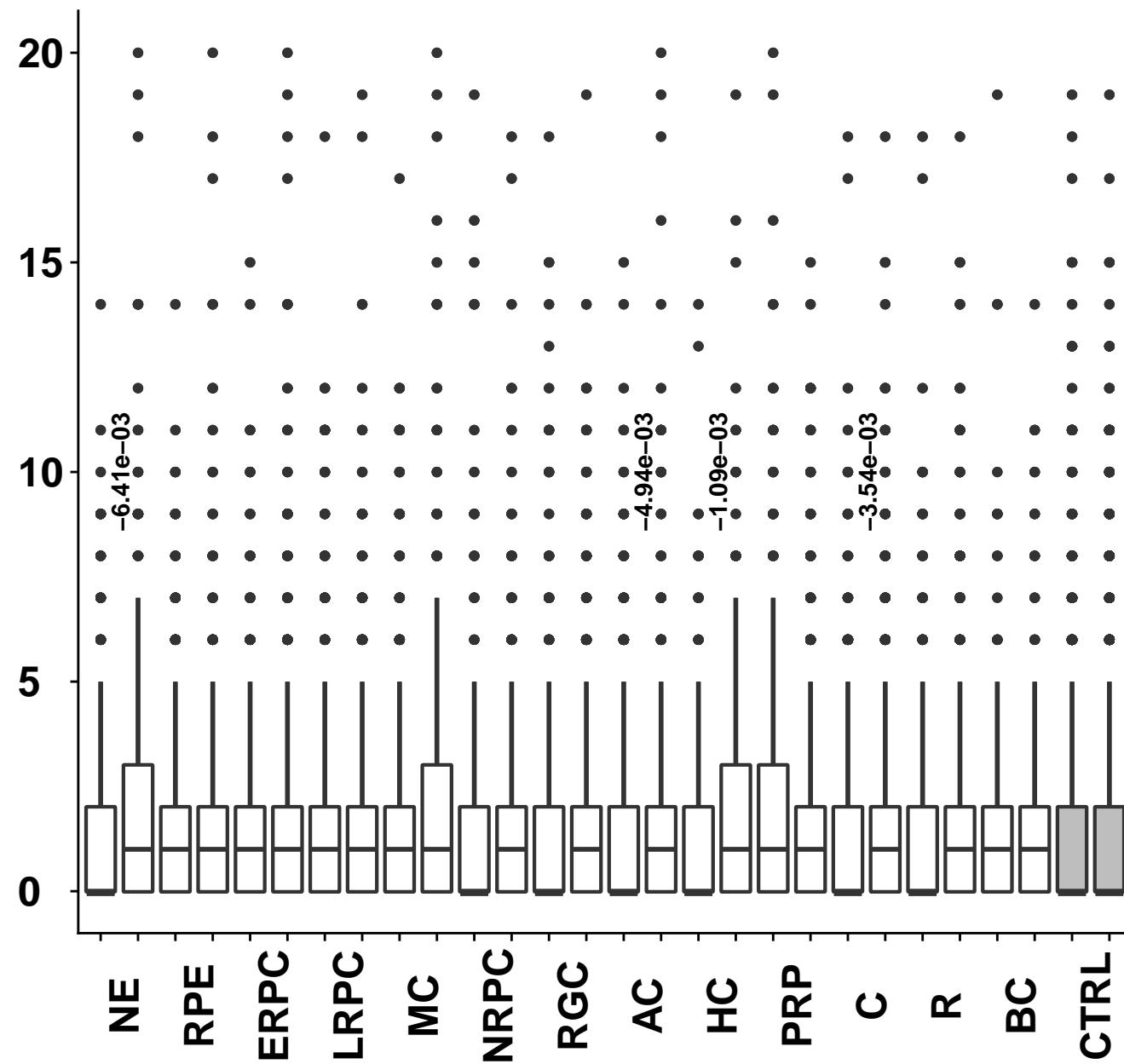
## Pbx3\_2\_total



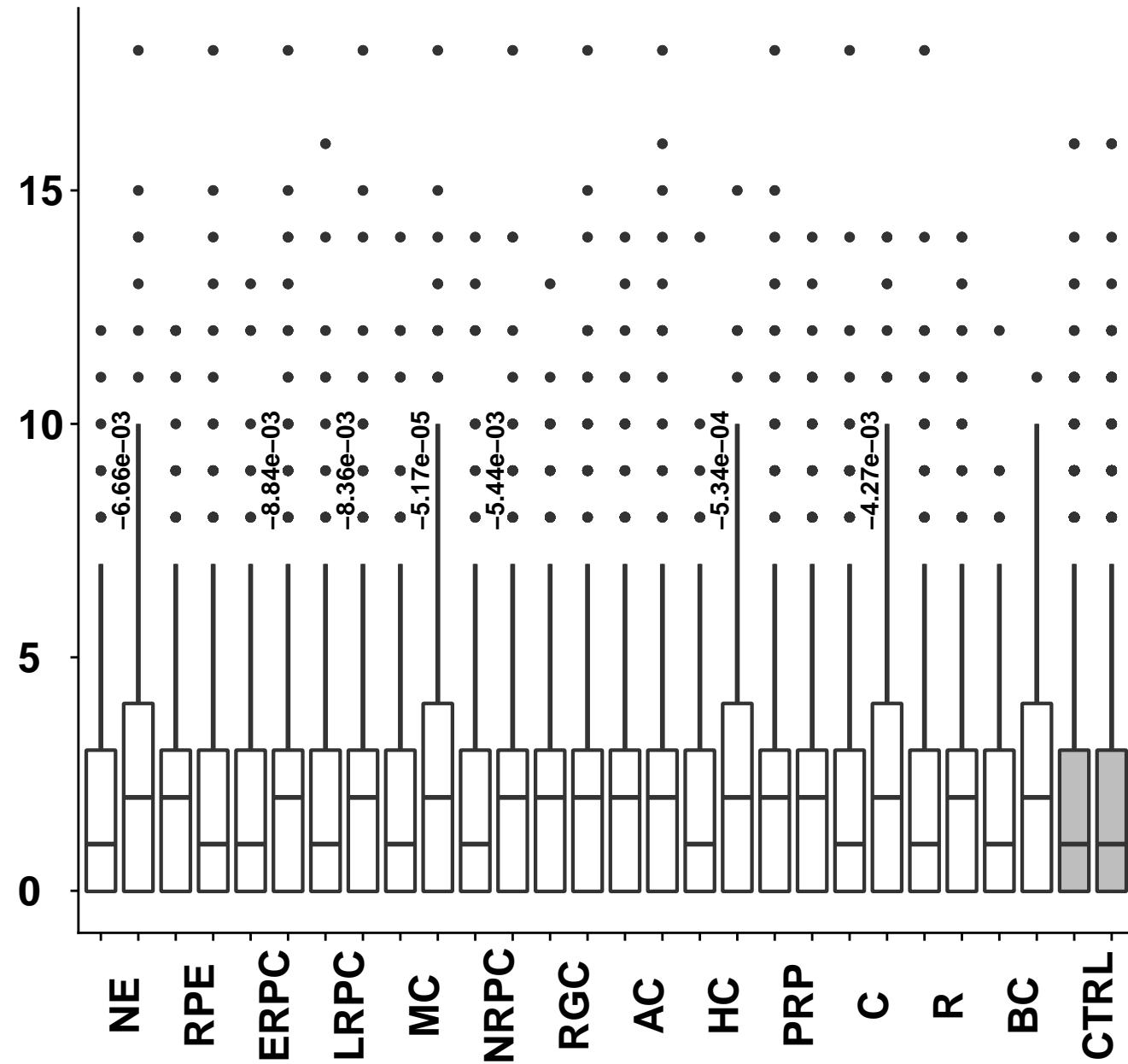
## Clock\_1\_total



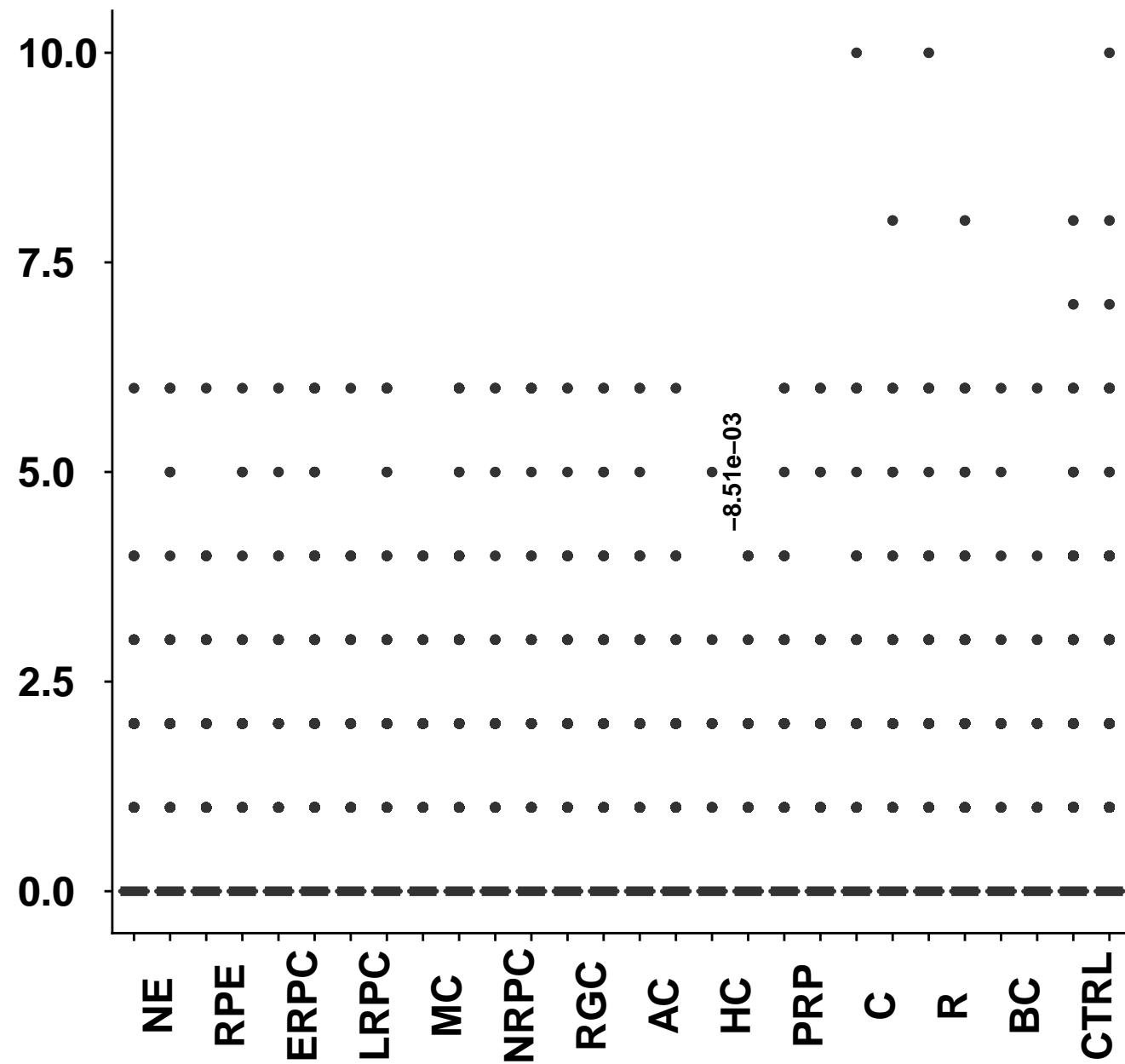
## Clock\_2\_total



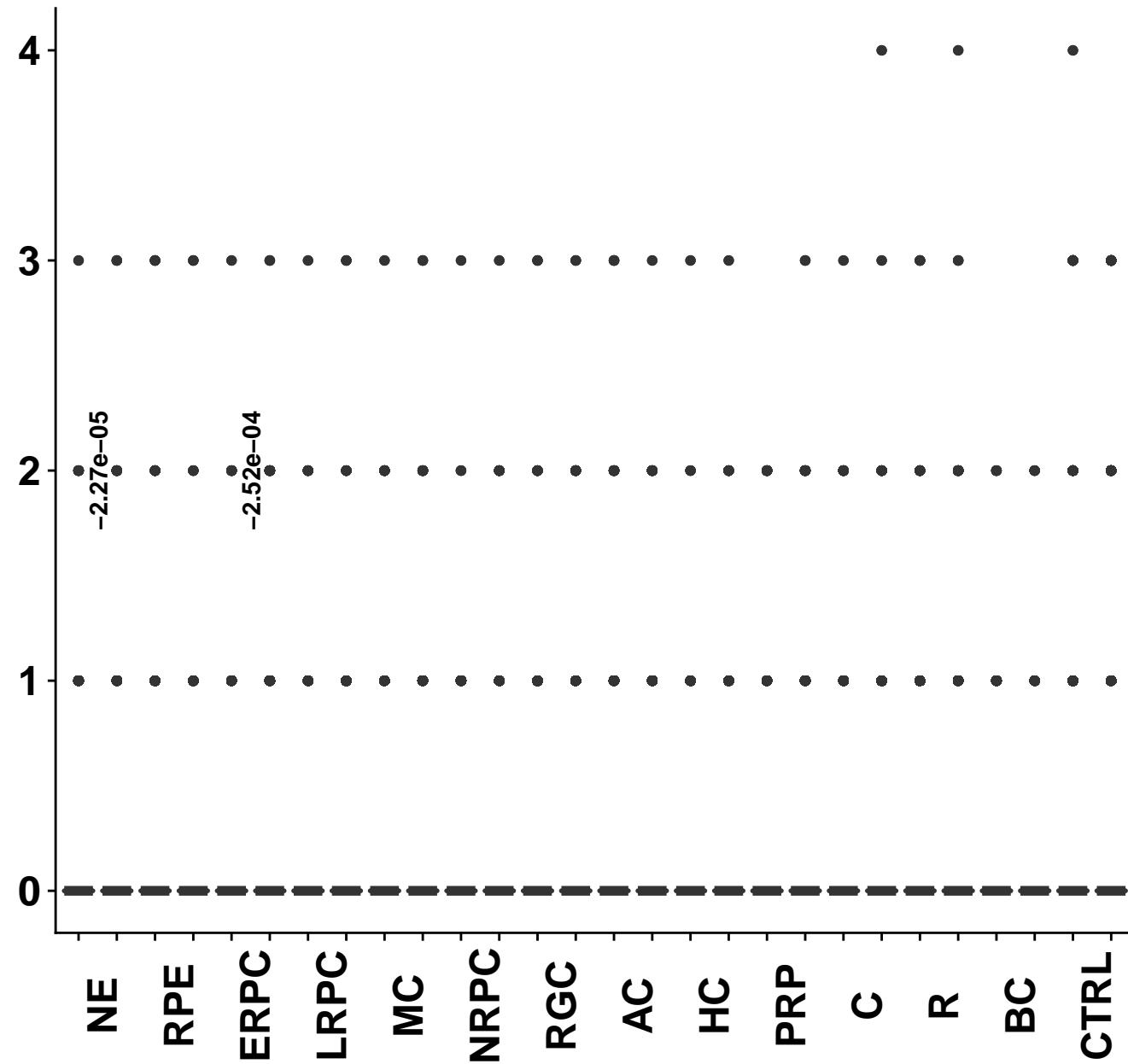
## Bhlhe41\_1\_total



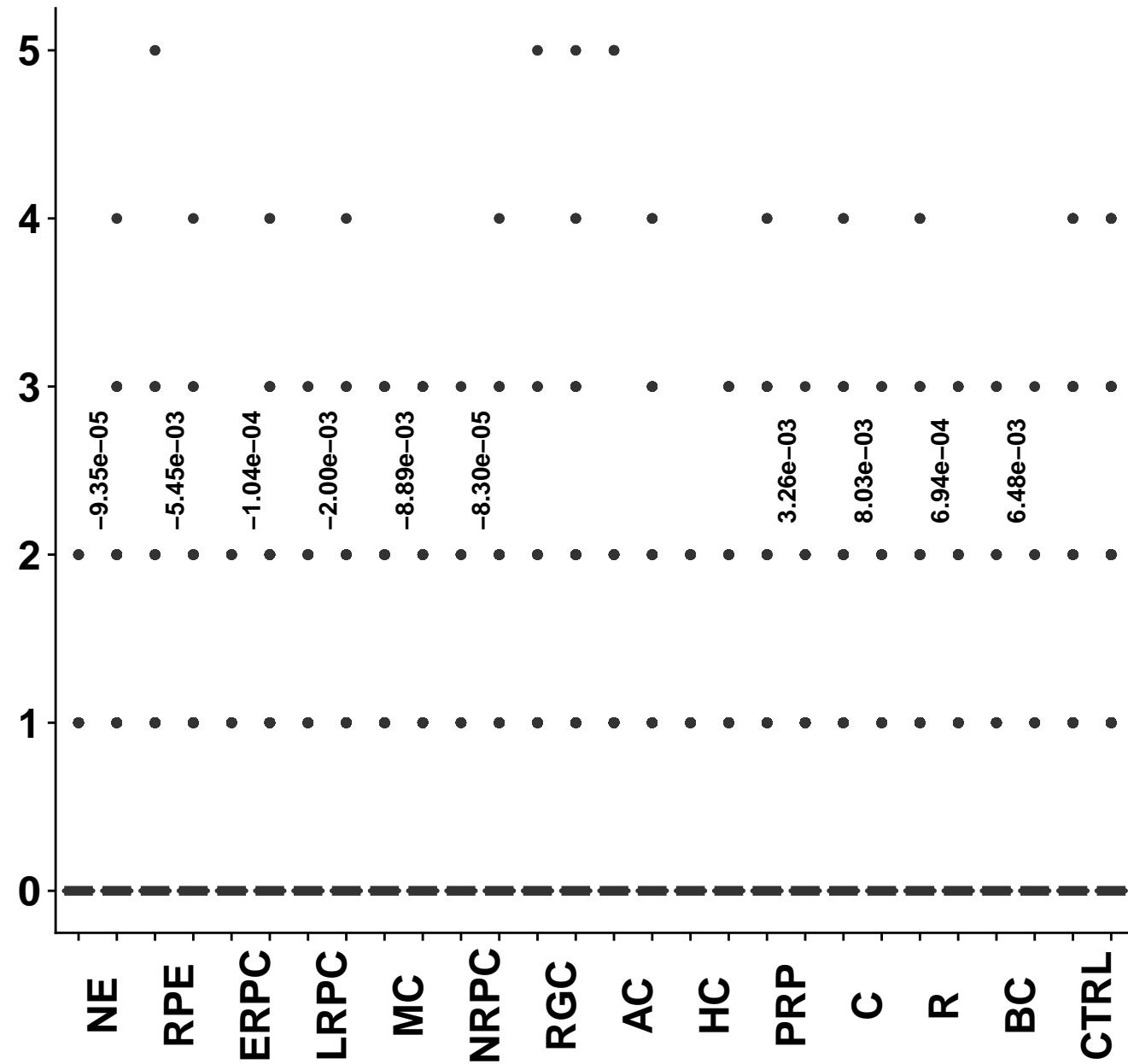
## Bhlhe41\_2\_total



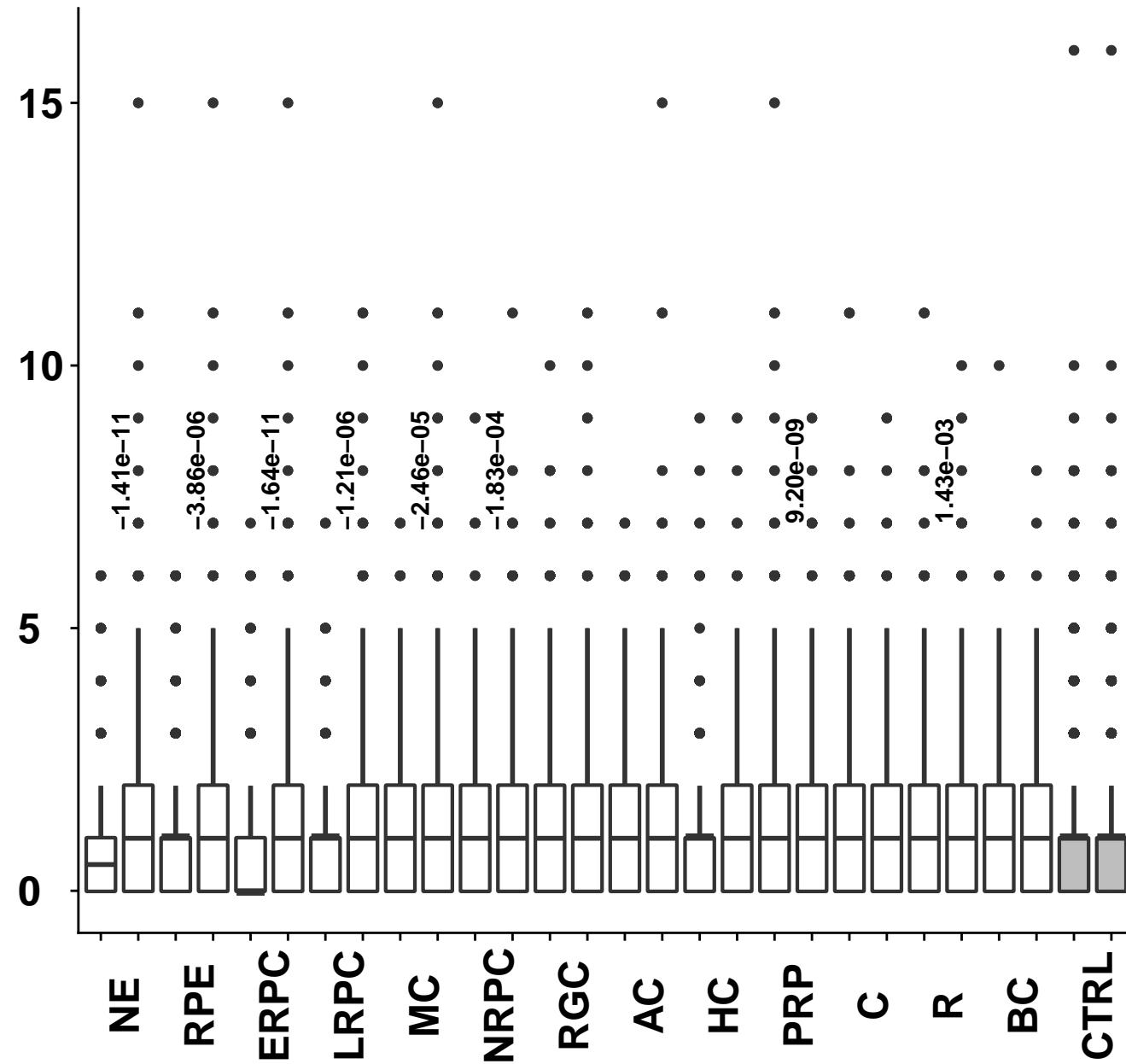
## Mef2a\_1\_total



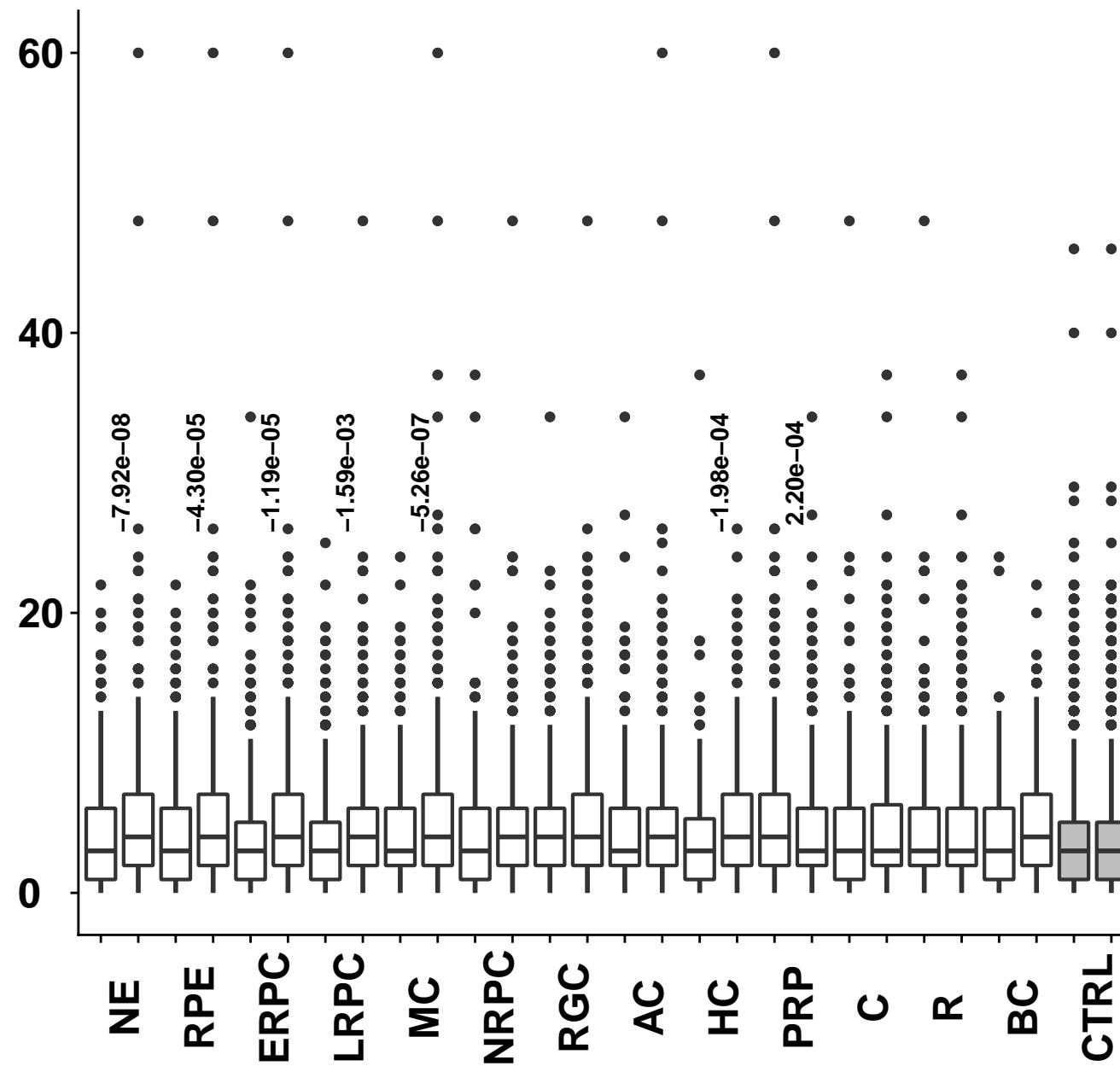
## Mef2a\_2\_total



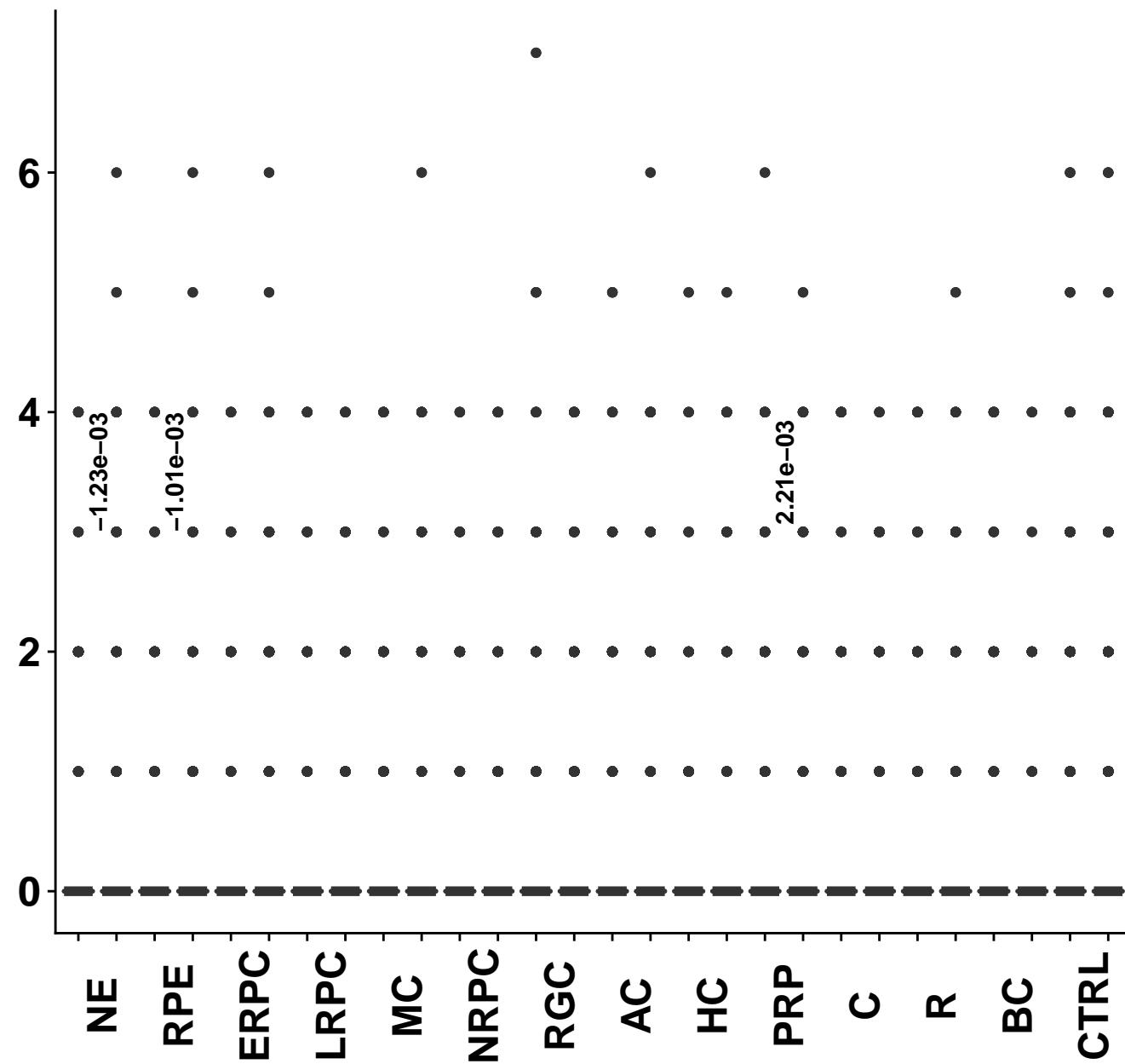
## Zeb1\_1\_total



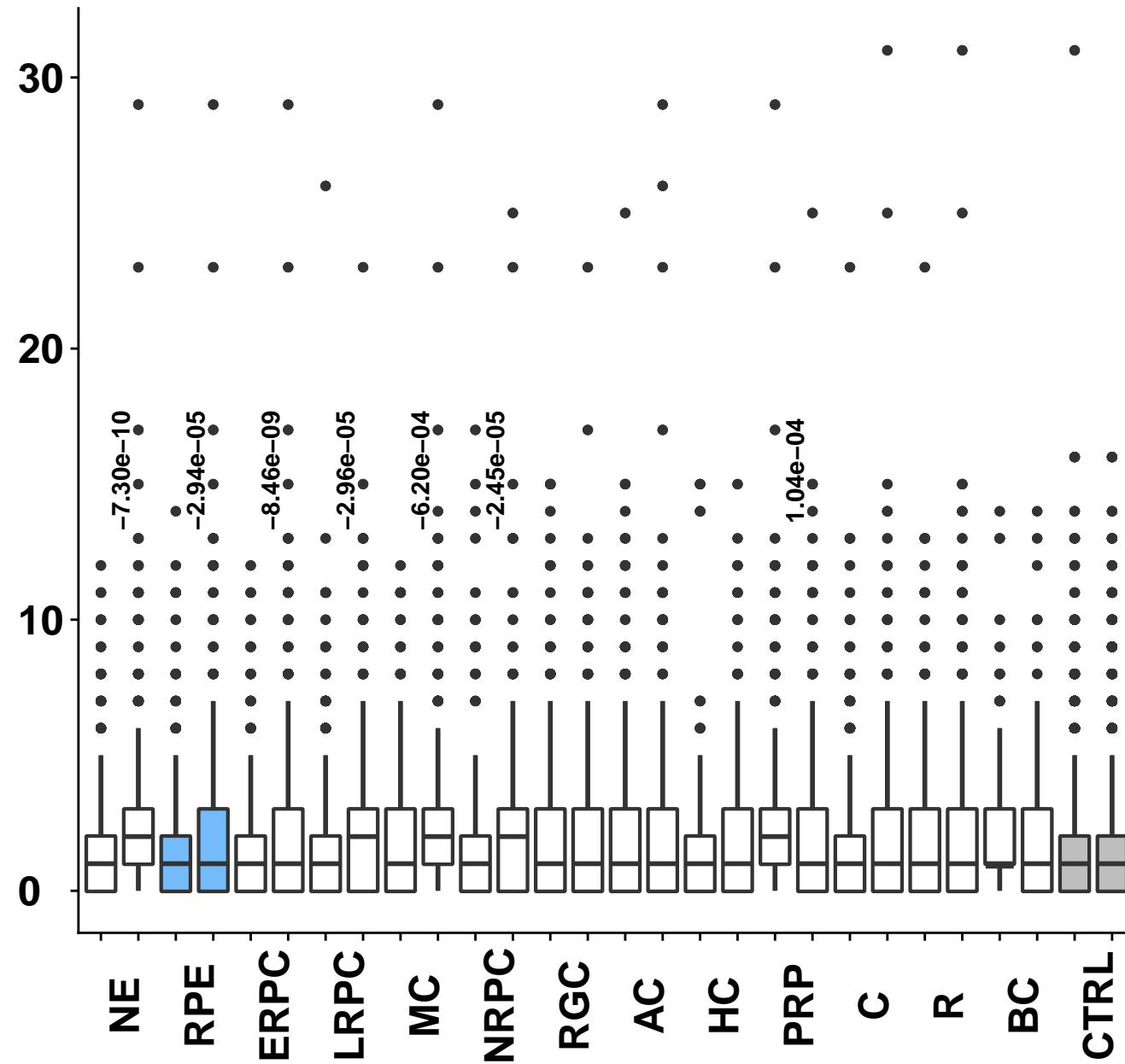
## Zeb1\_2\_total



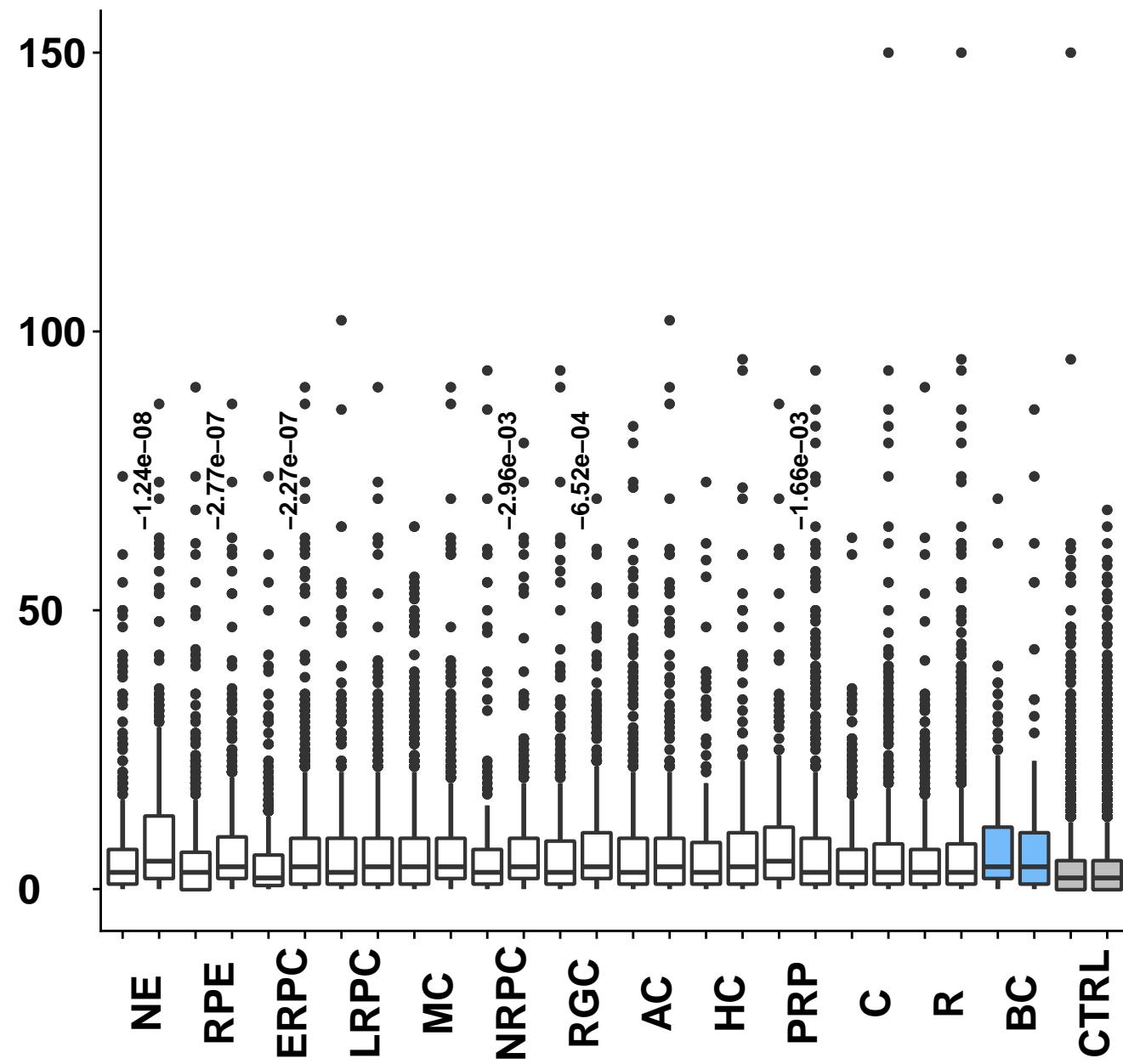
# Bhlhe23\_1\_total



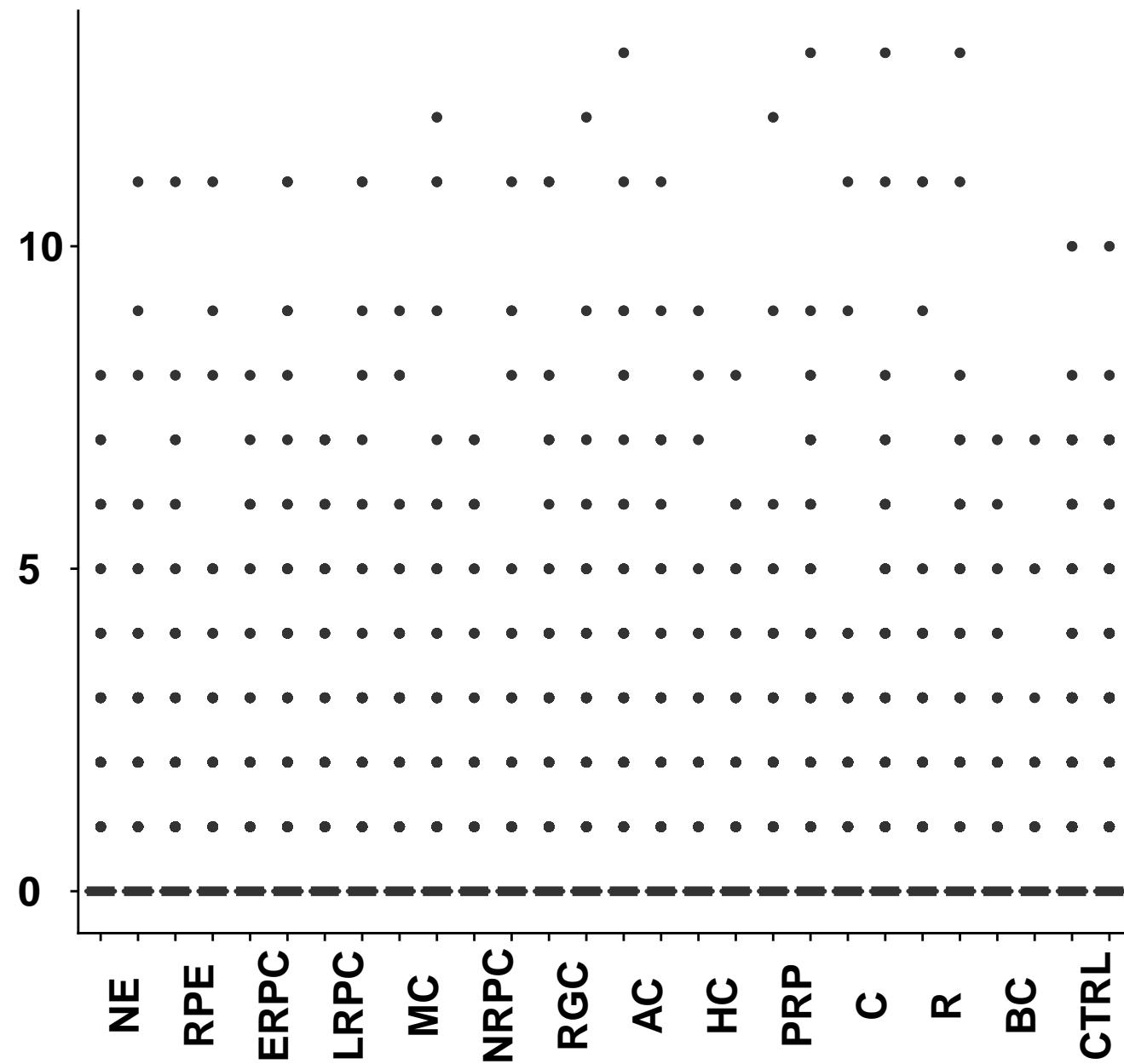
## Tbx2\_3\_total



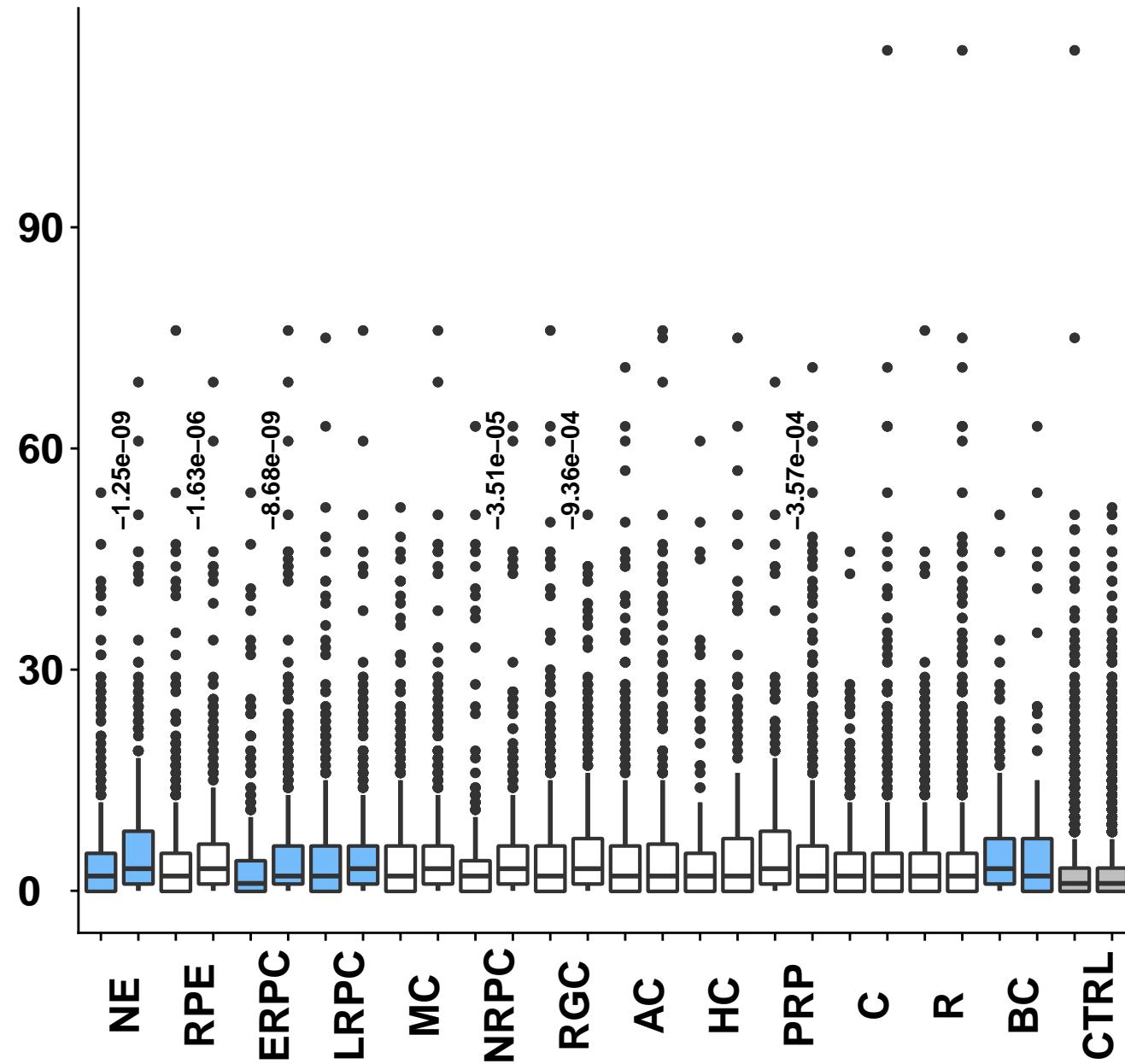
## Vsx1\_1\_total



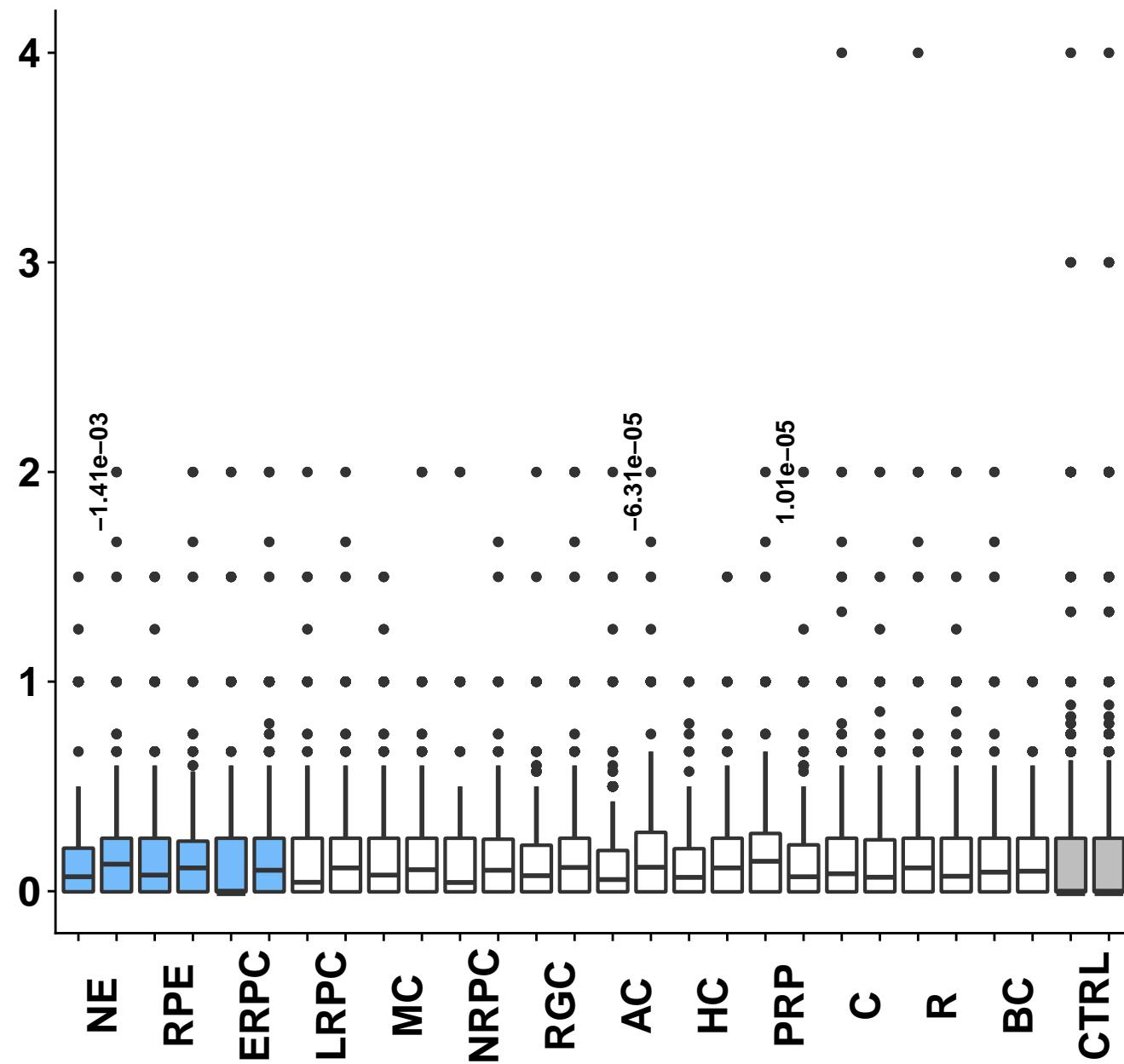
## **Vsx1\_2\_total**



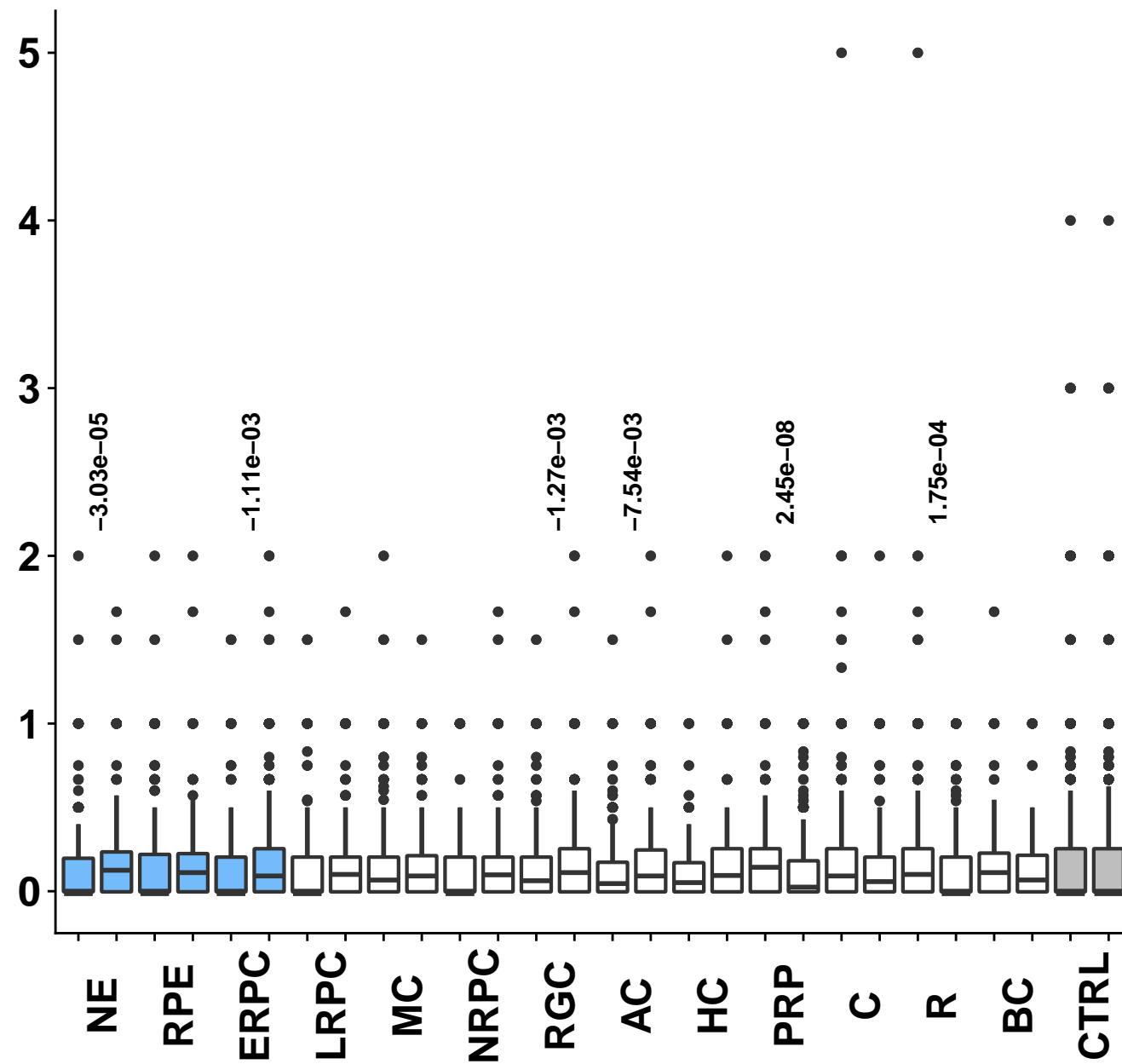
## Vsx2\_1\_total



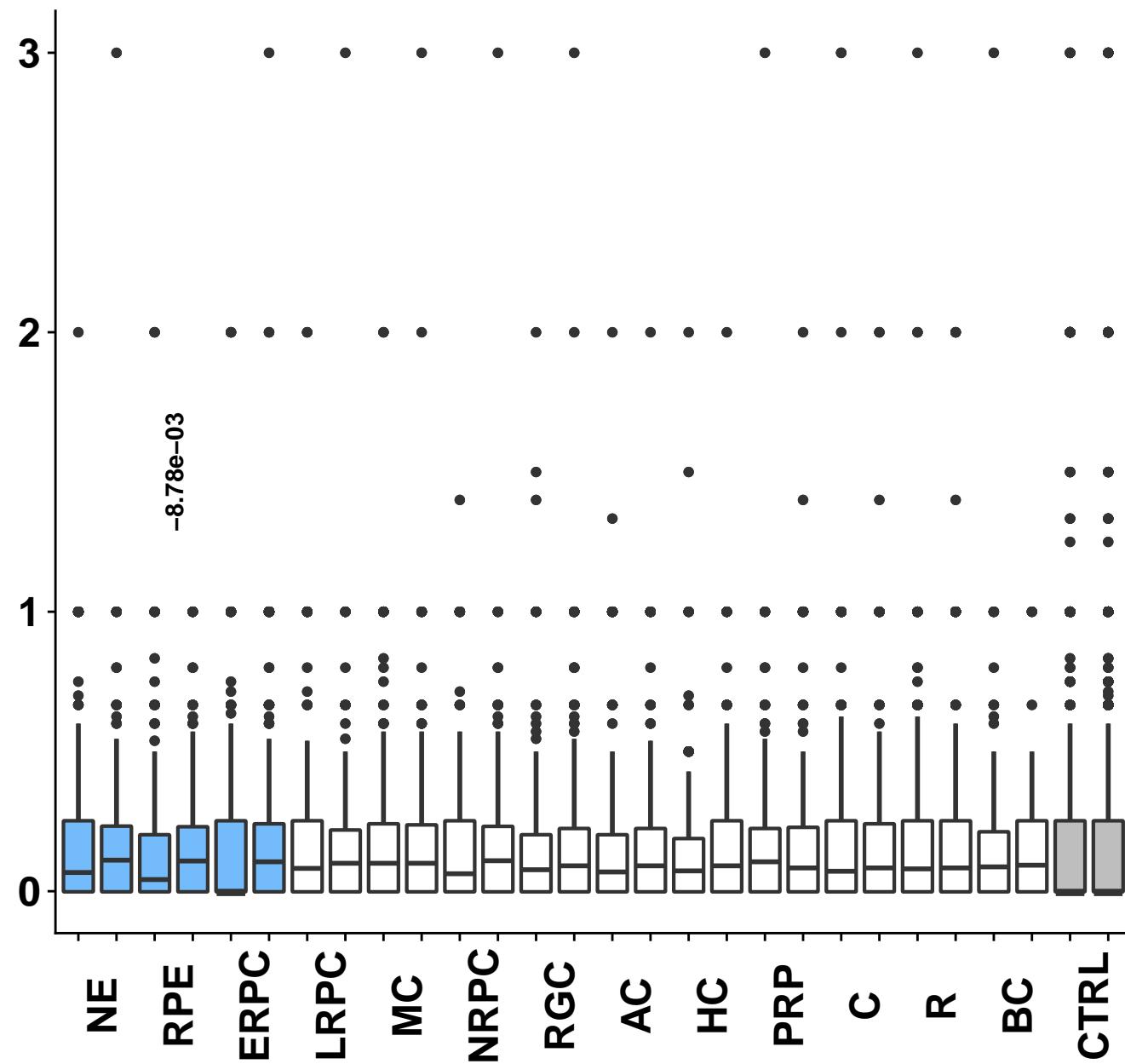
## Nr2f1\_1\_mean



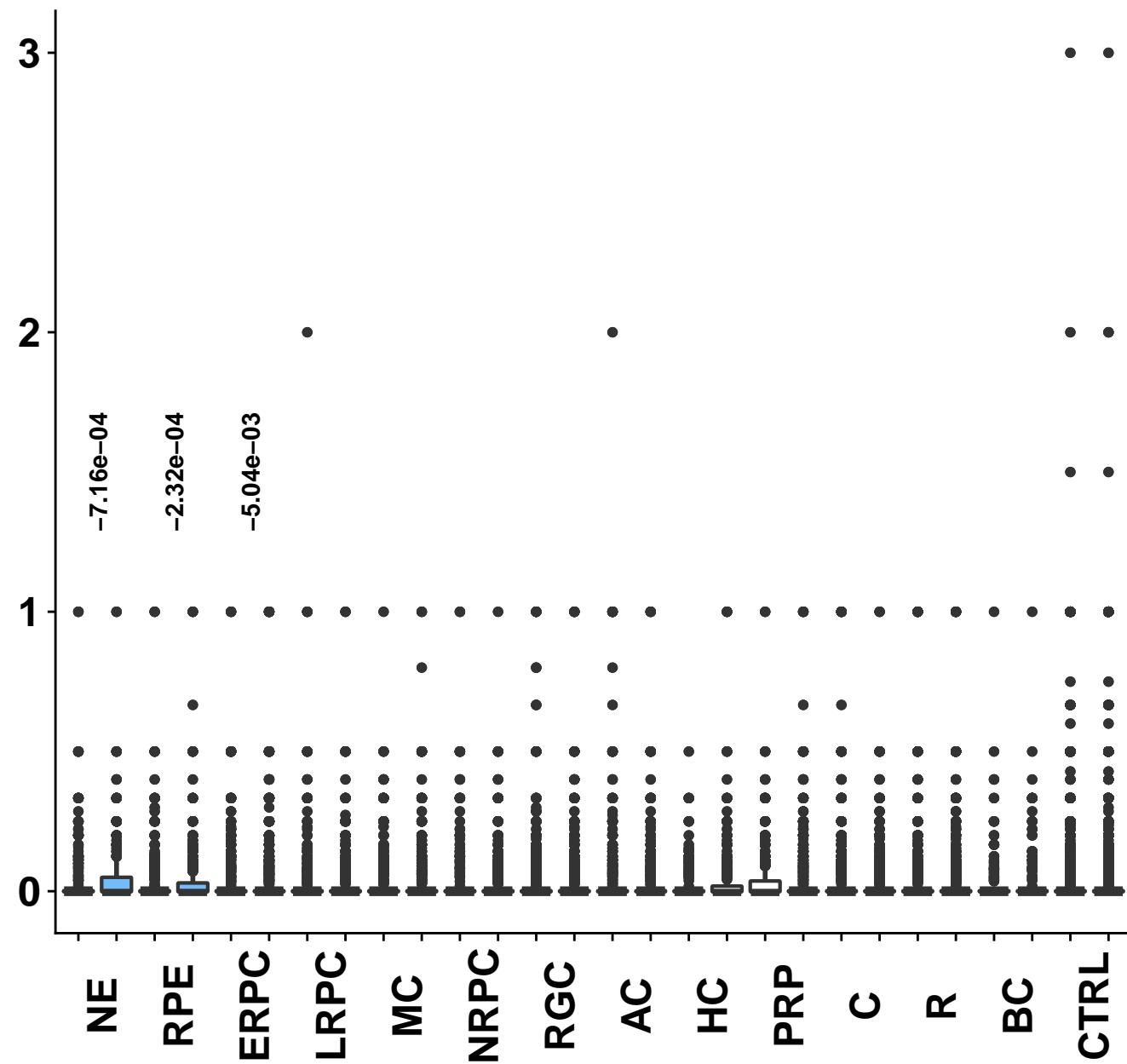
## Nr2f1\_2\_mean



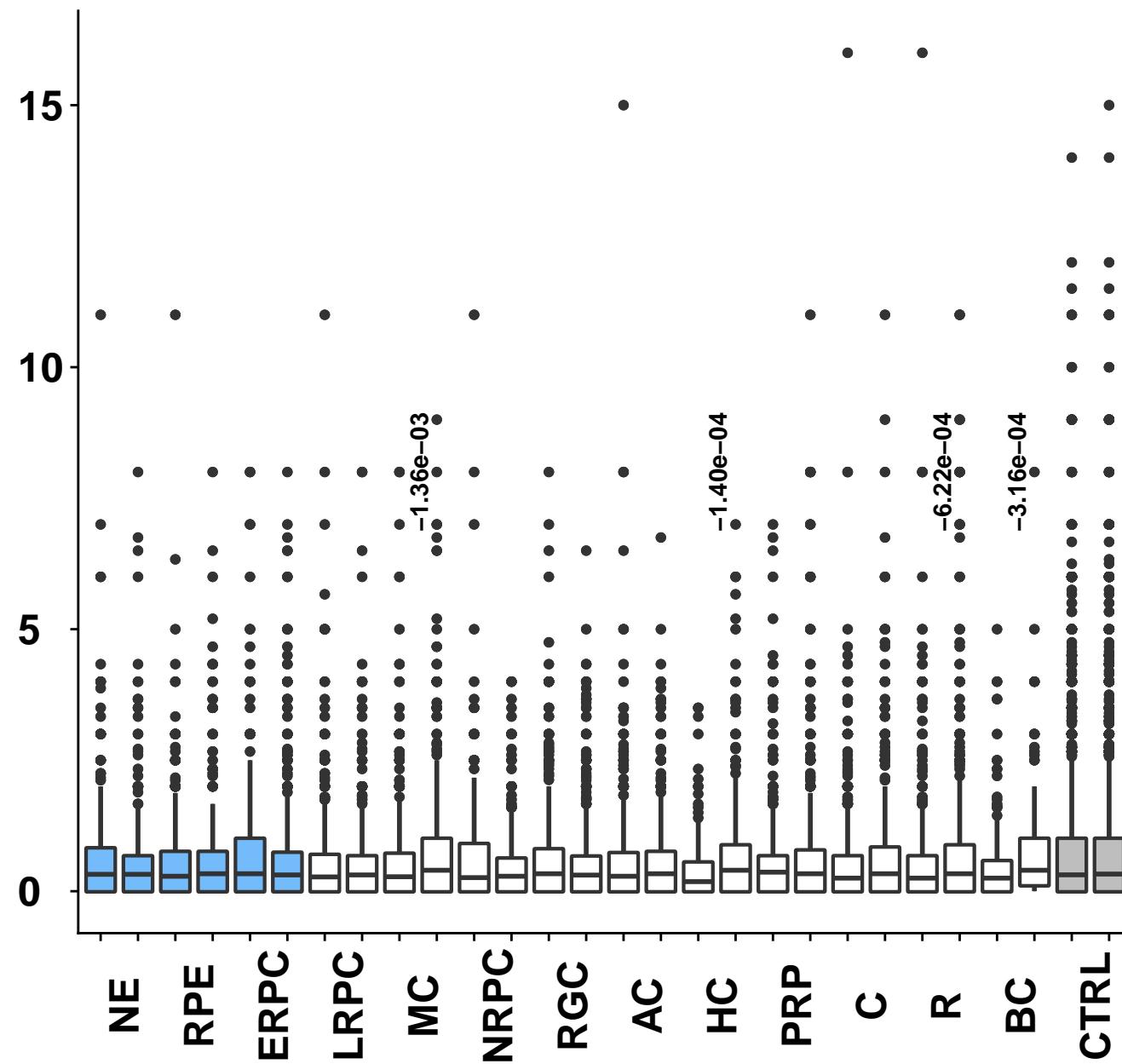
## Zic1\_1\_mean



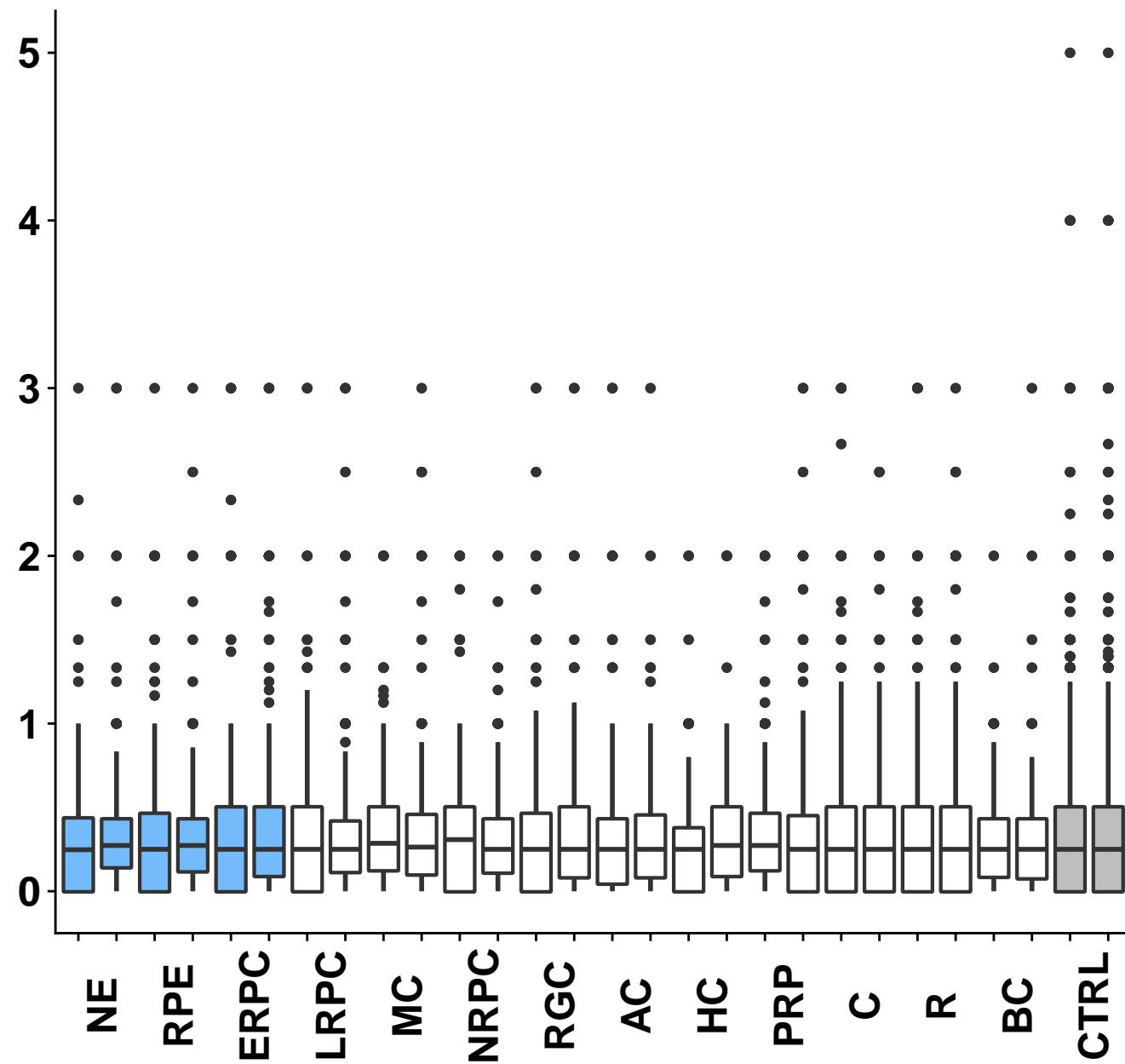
## Zic1\_2\_mean



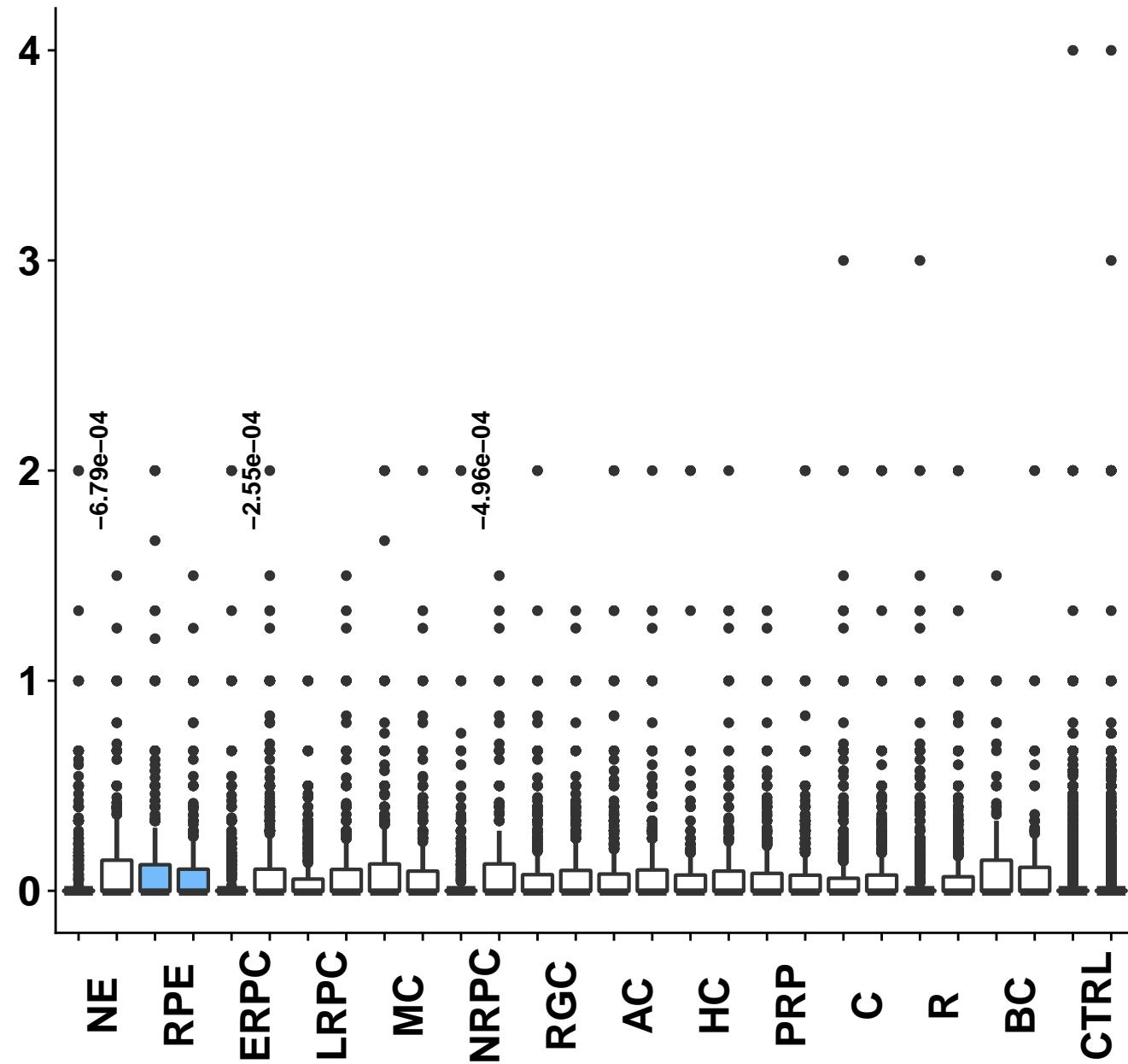
### Zic1\_3\_mean



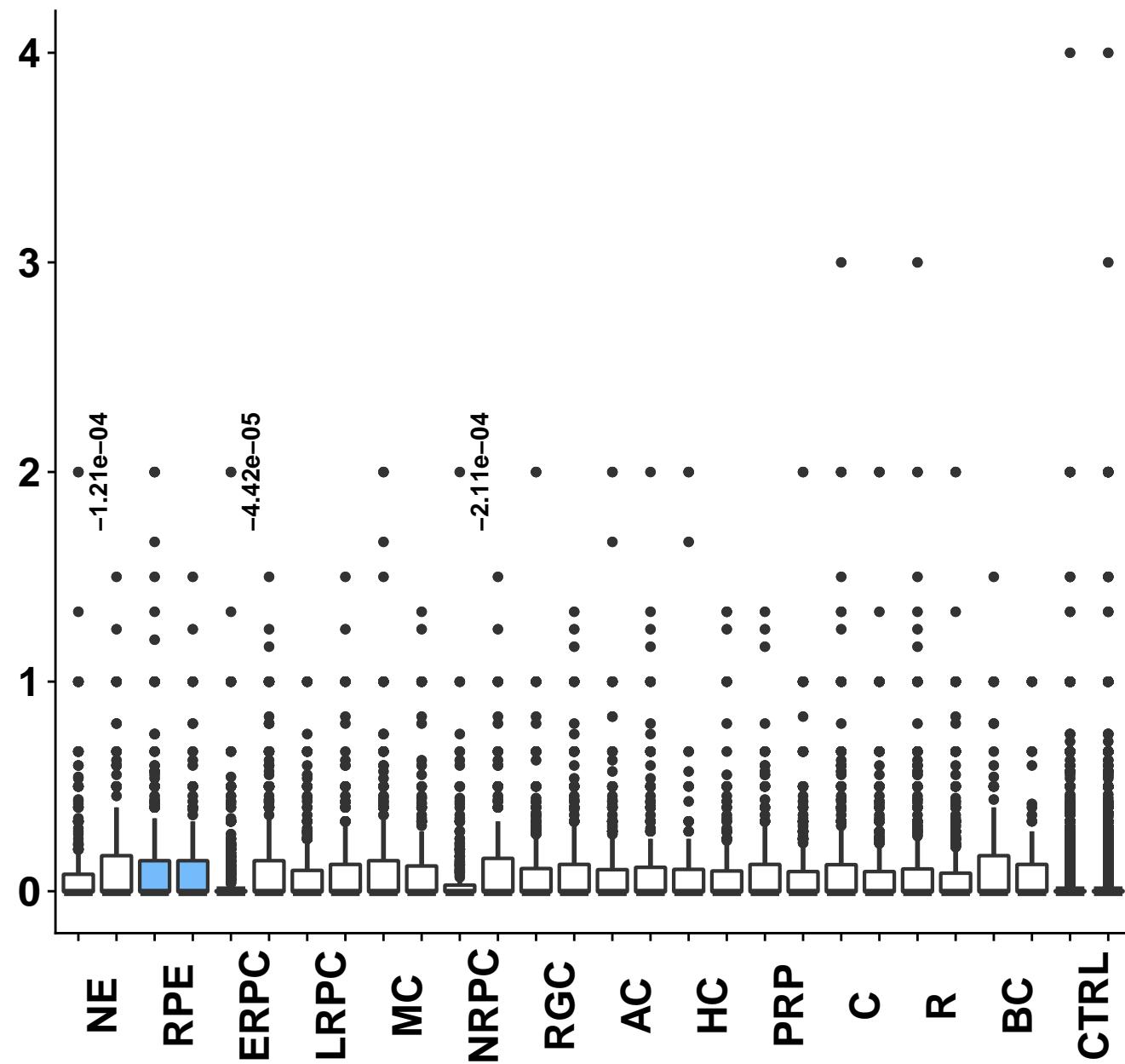
## Zic1\_4\_mean



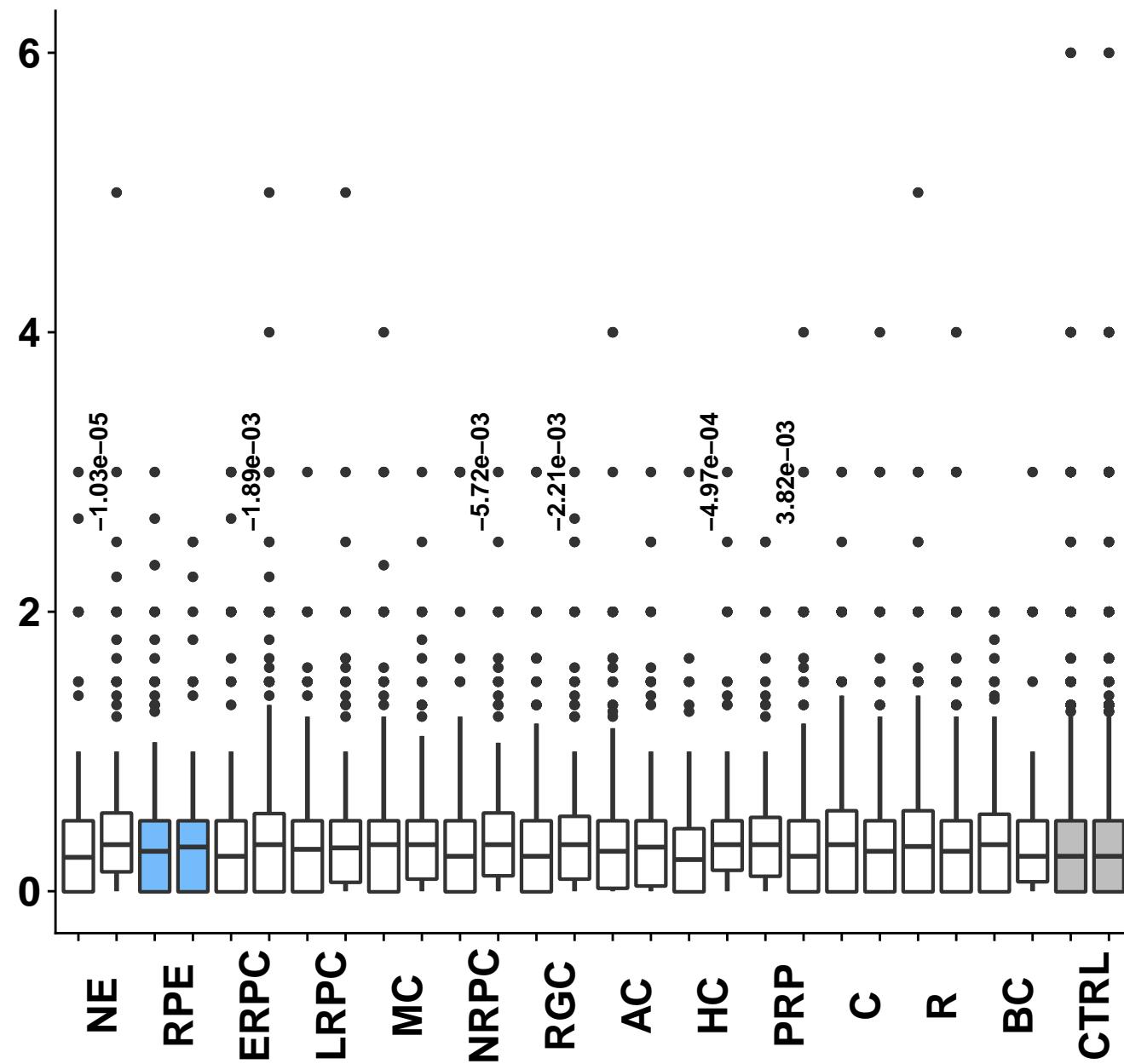
## Junb\_1\_mean



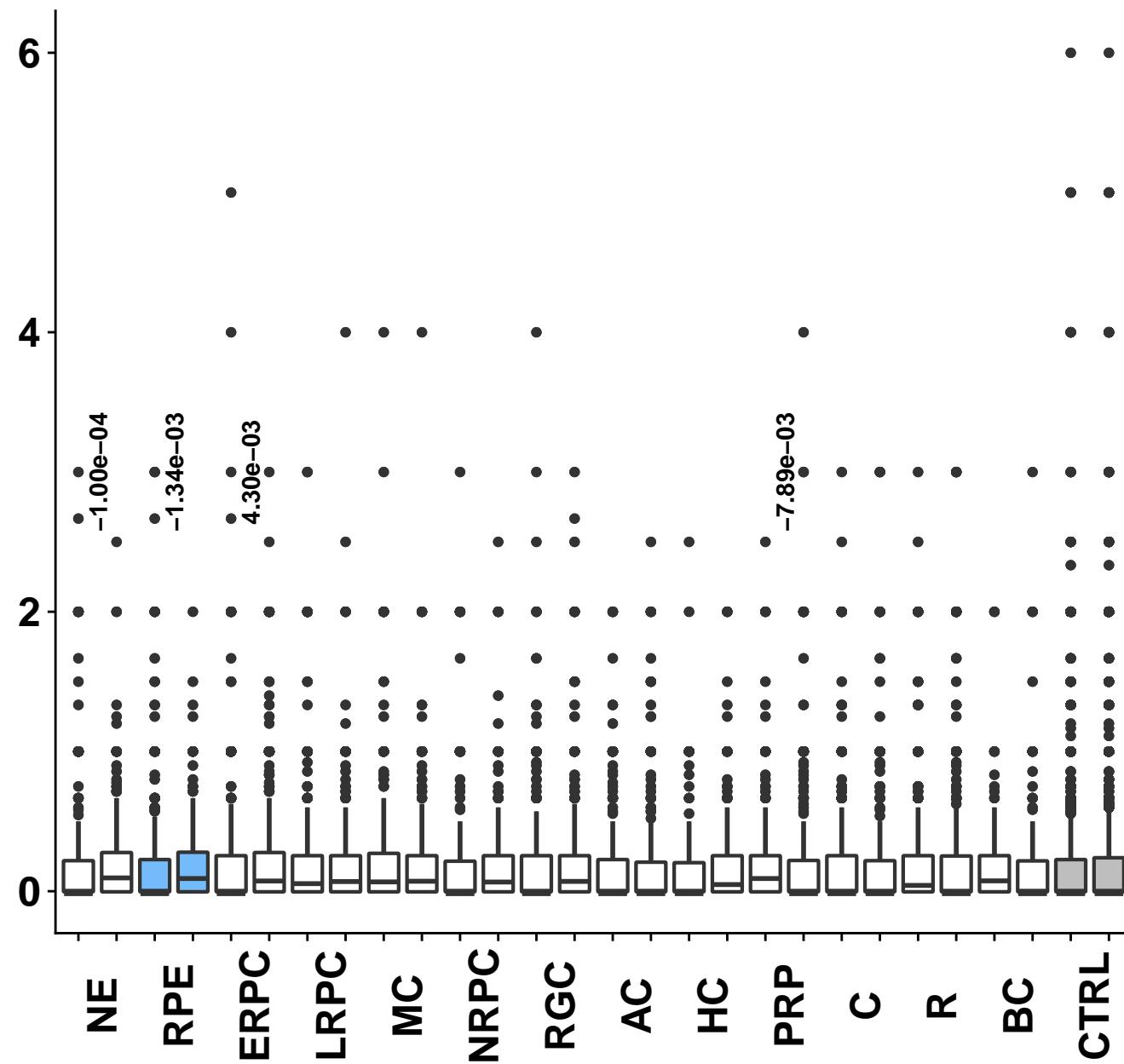
## Junb\_2\_mean



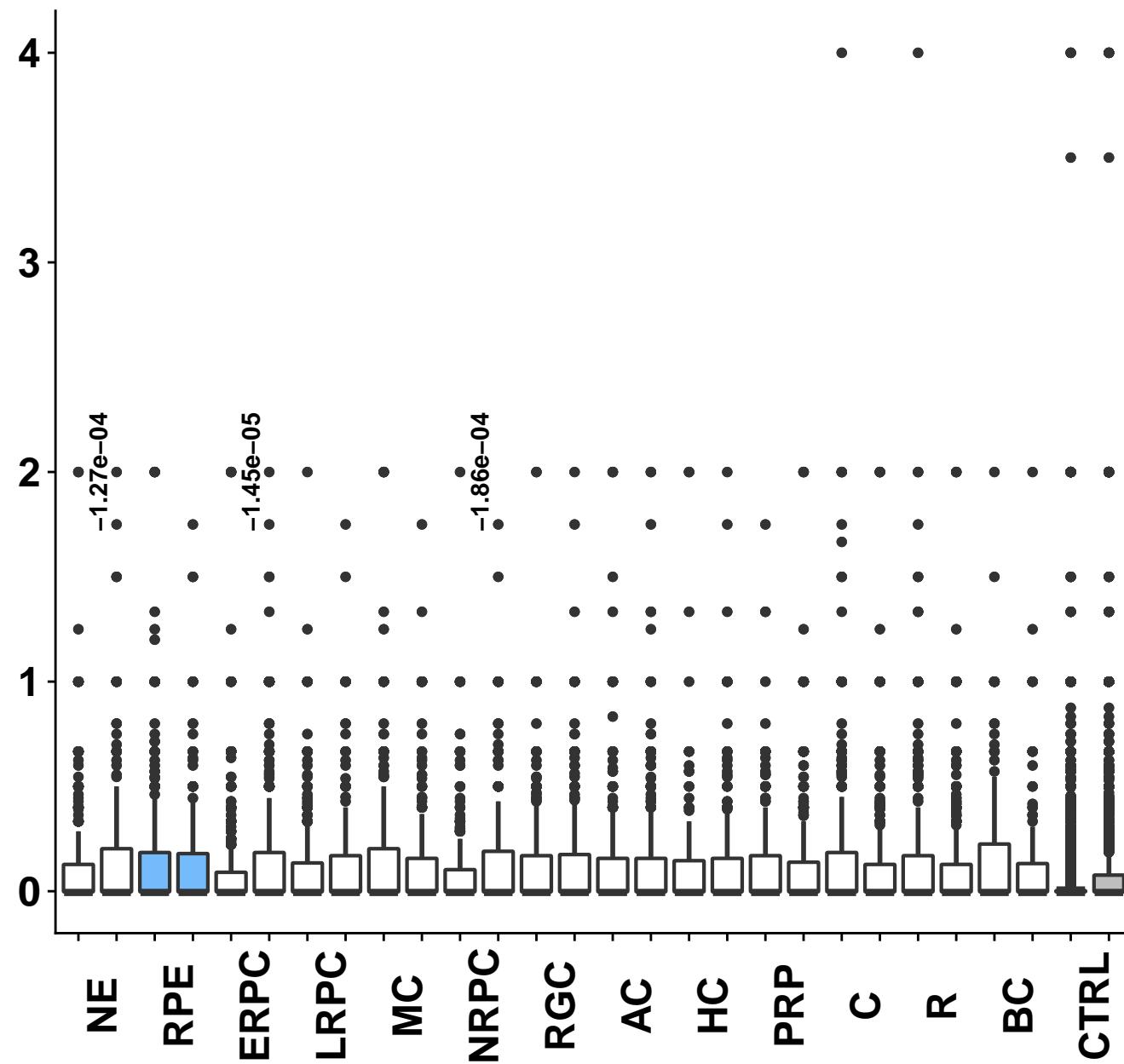
### Junb\_3\_mean



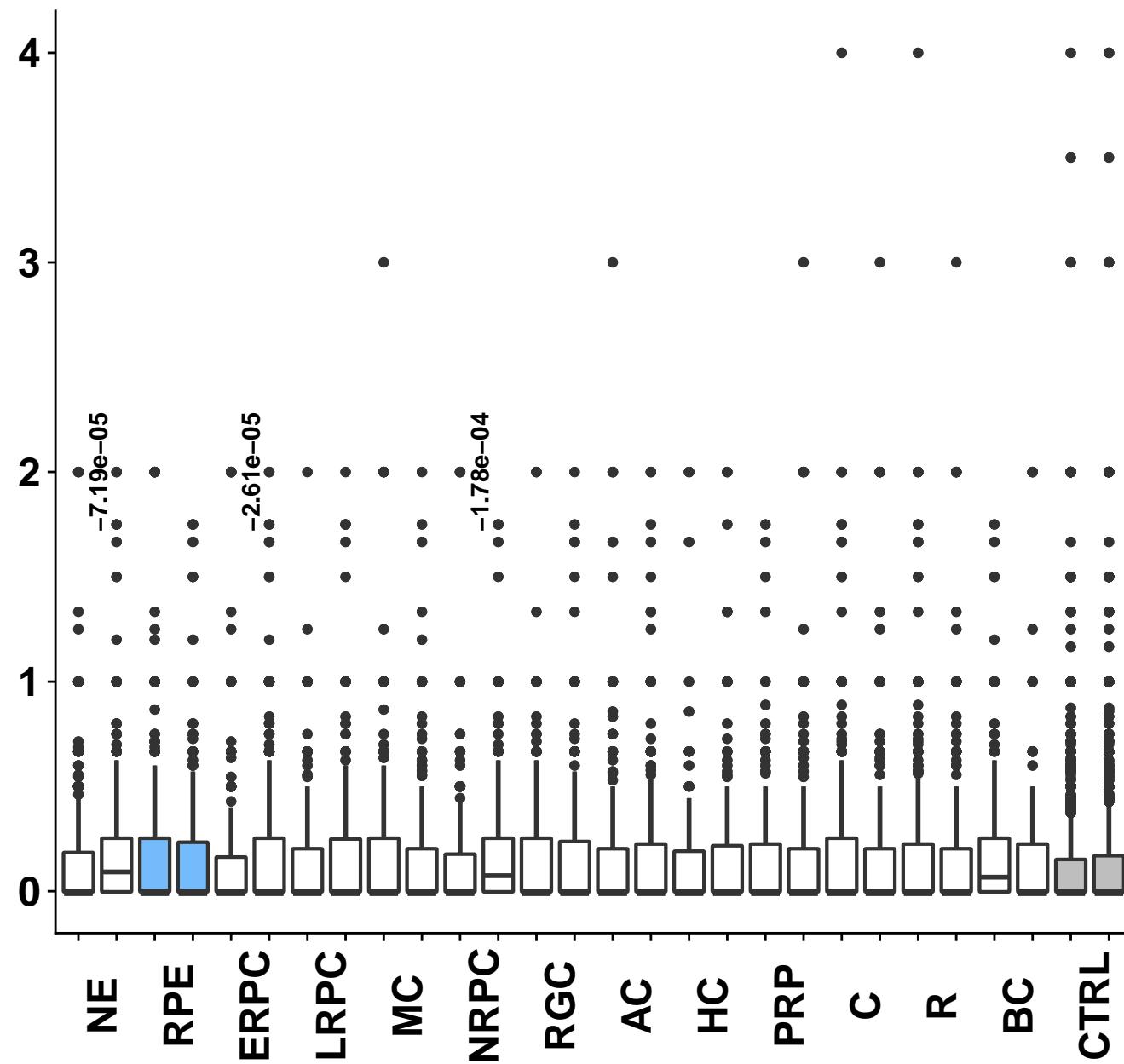
## Junb\_4\_mean



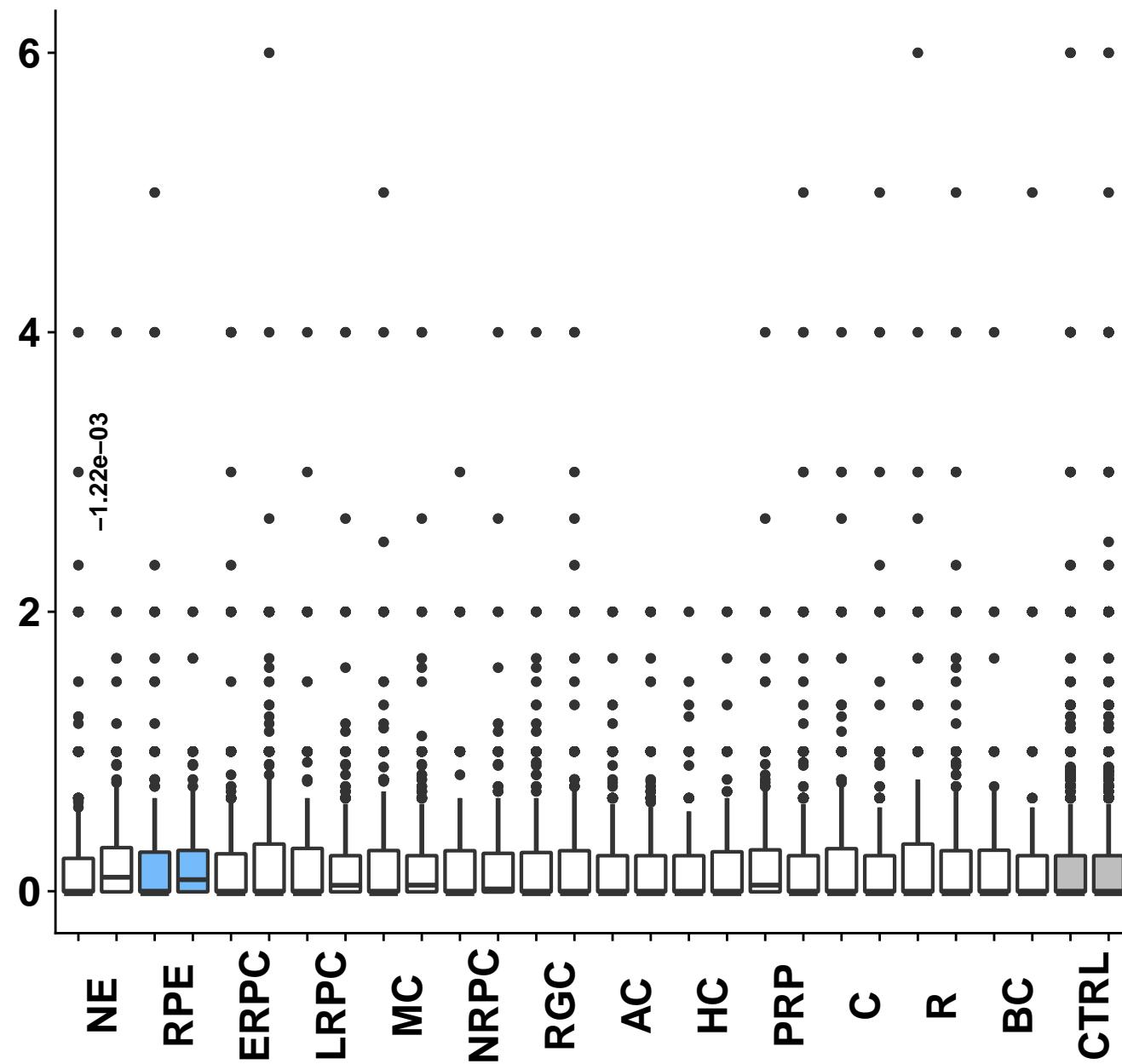
## Junb\_5\_mean



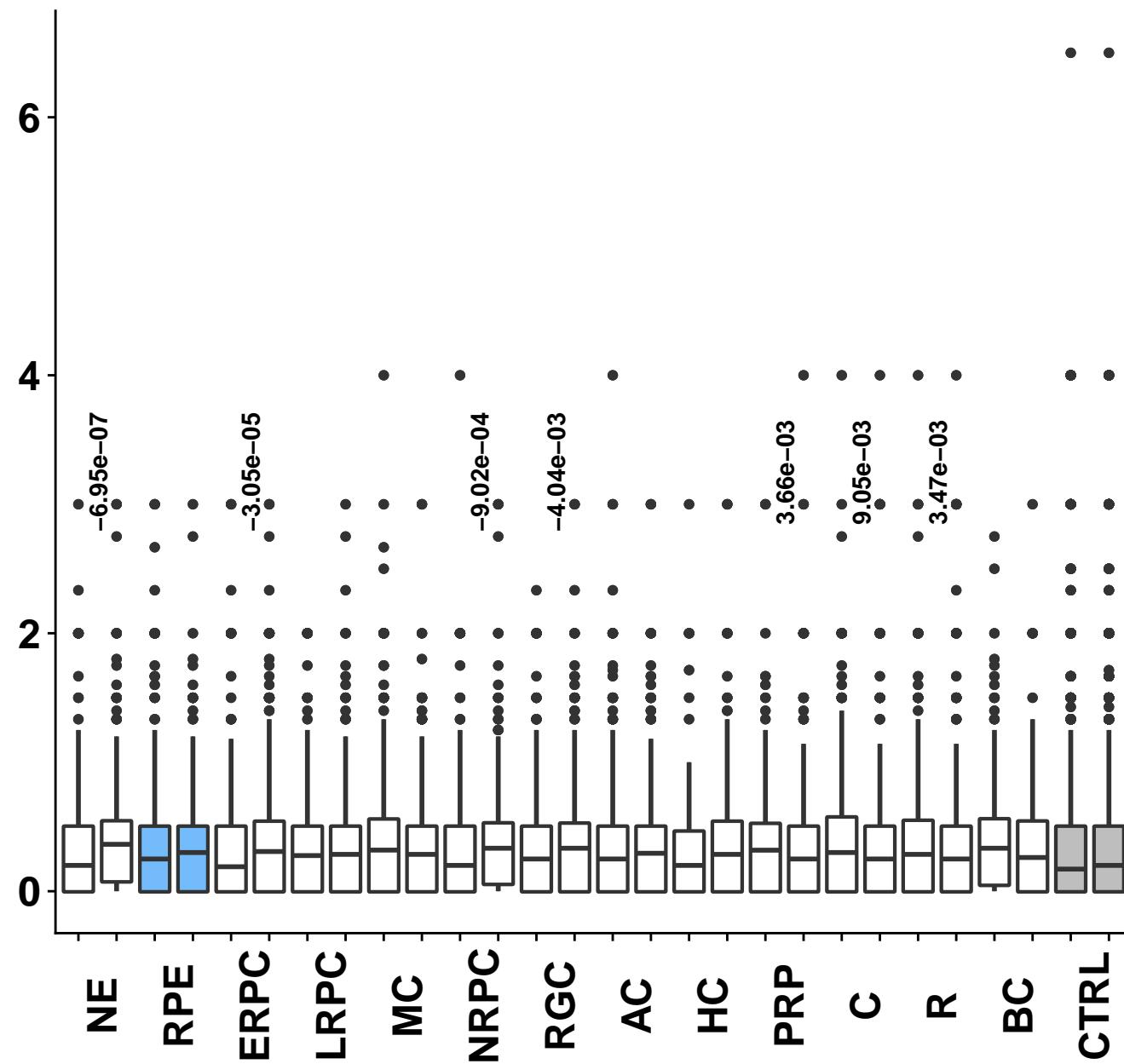
## Junb\_6\_mean



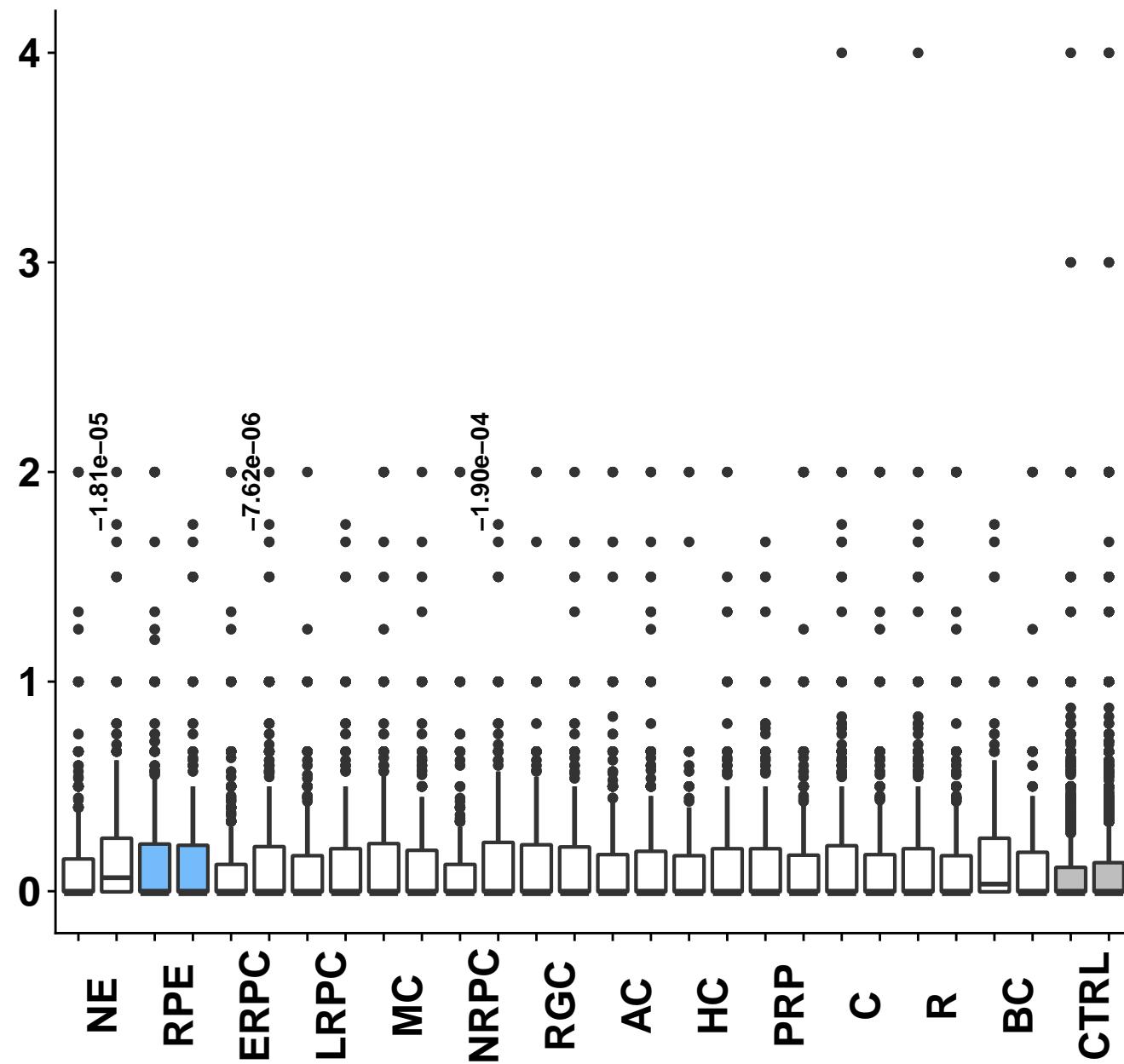
## Junb\_7\_mean



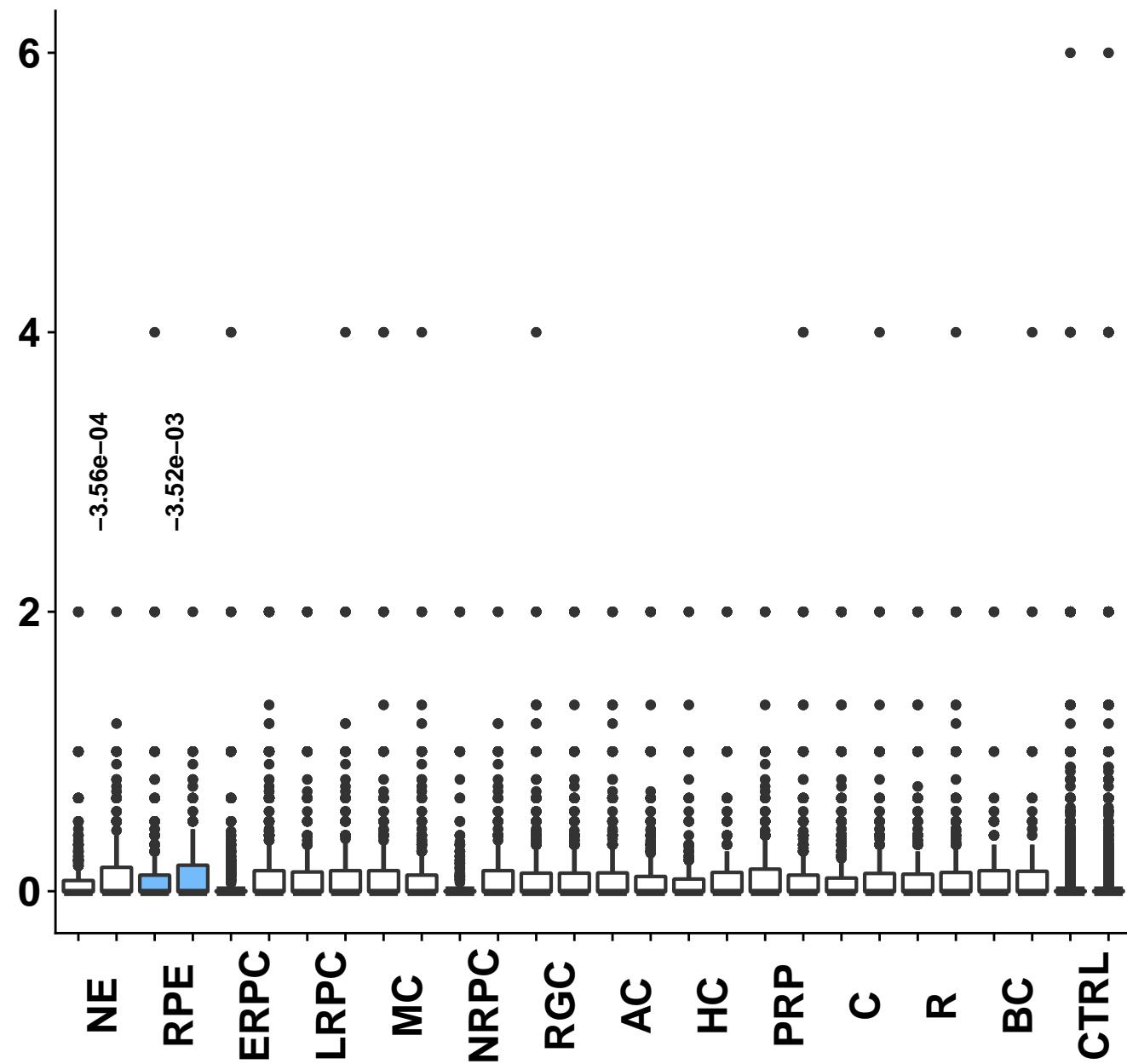
## Junb\_8\_mean



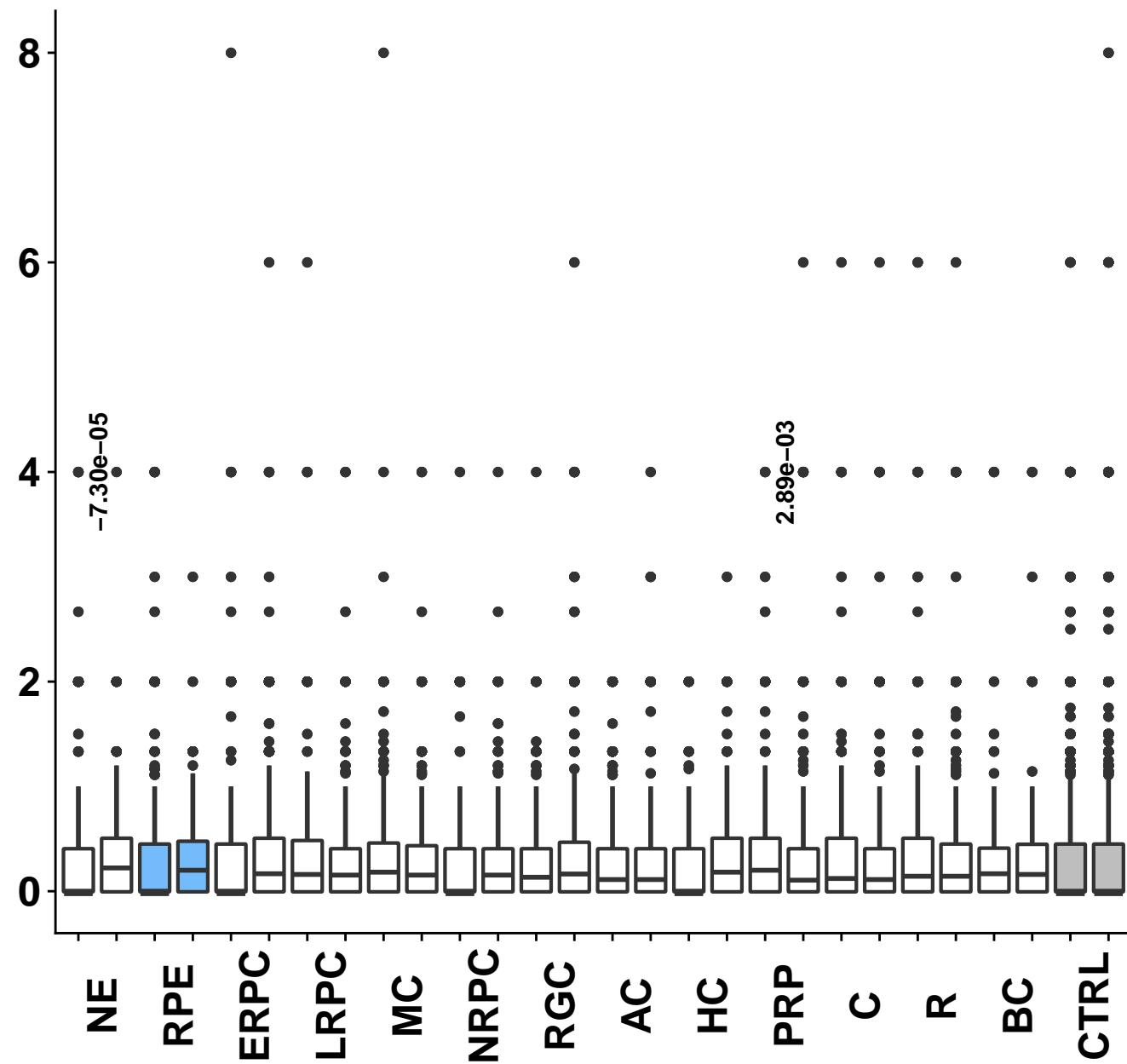
## Junb\_9\_mean



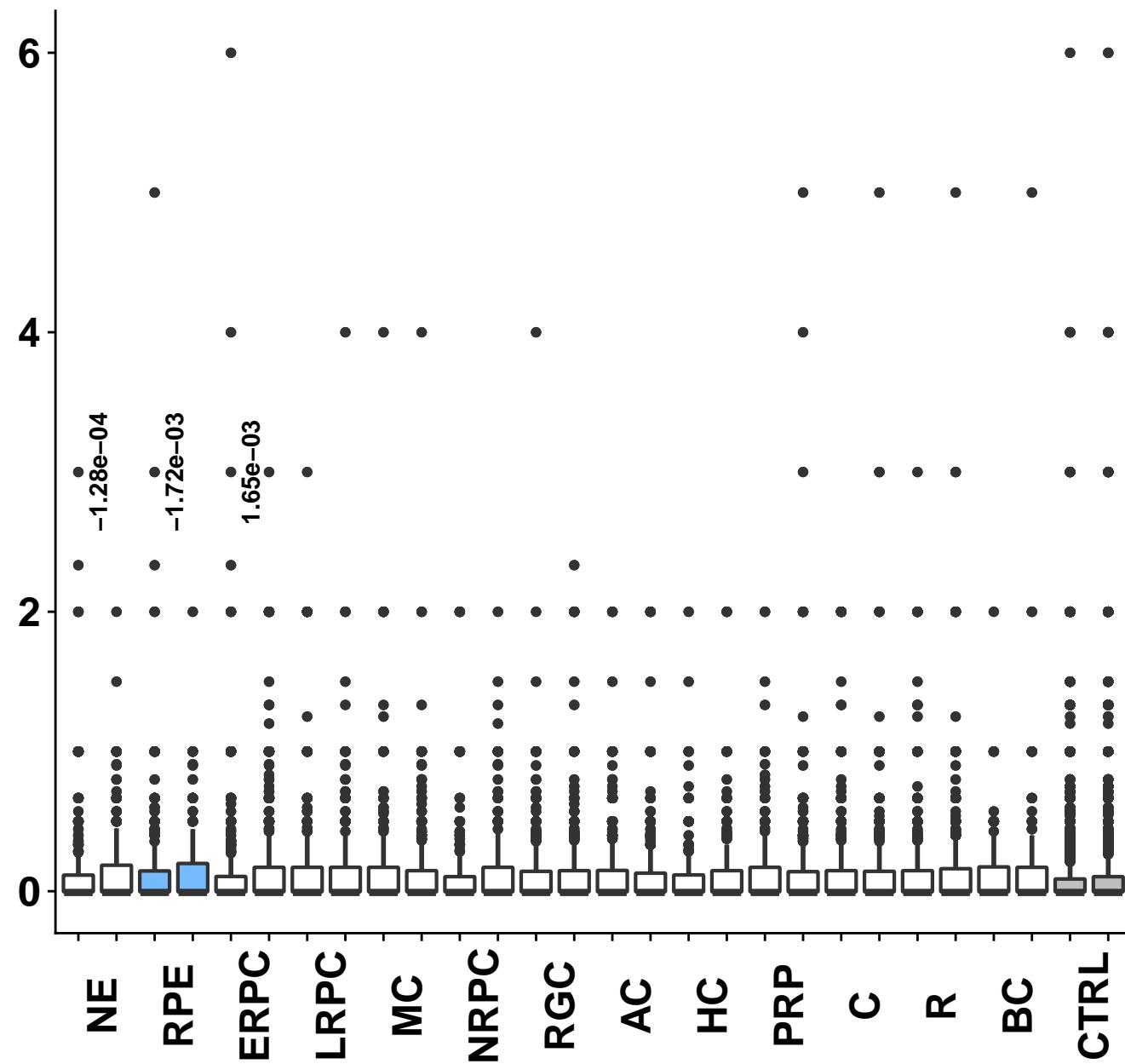
# **Junb\_10\_mean**



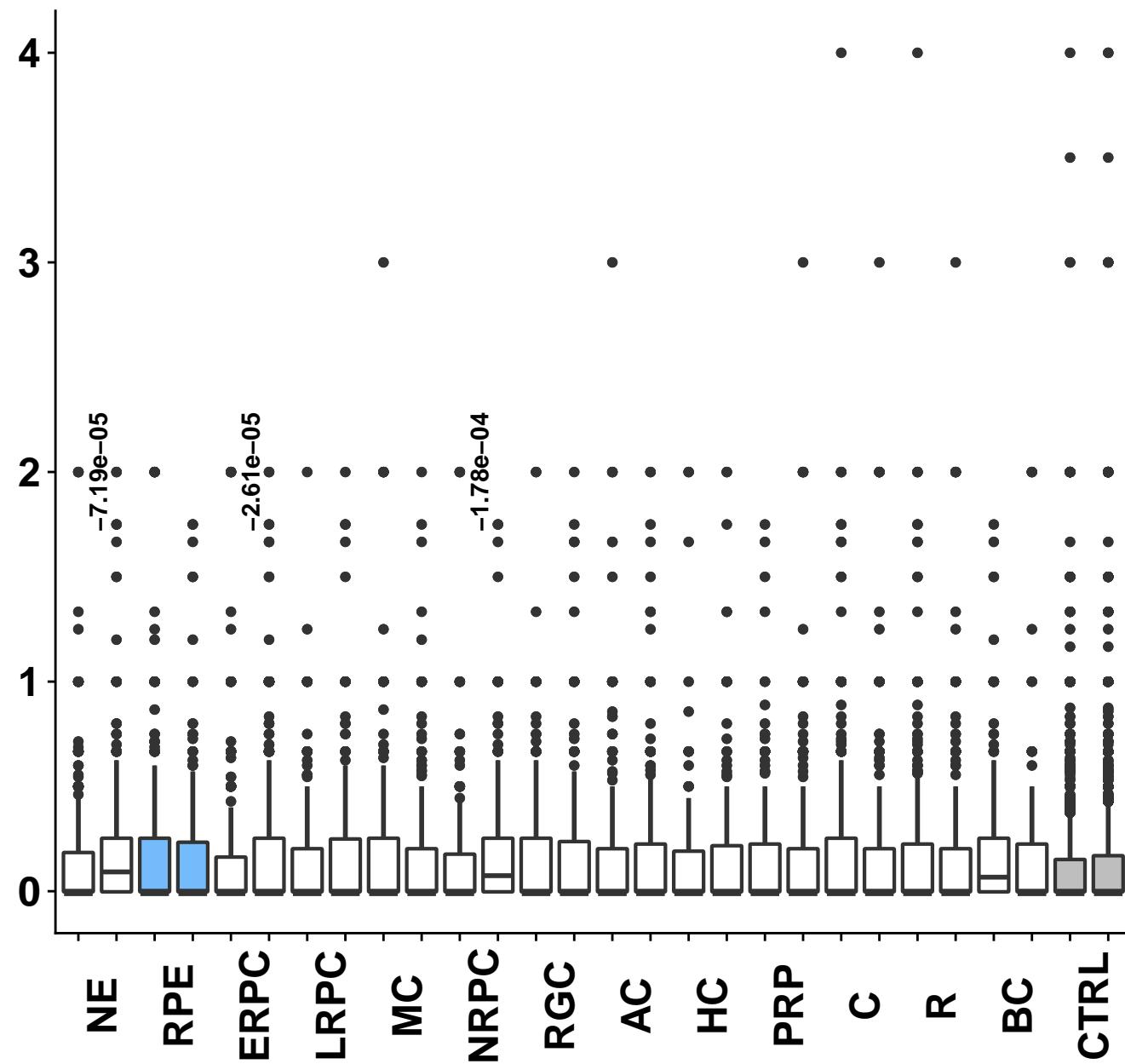
## Junb\_11\_mean



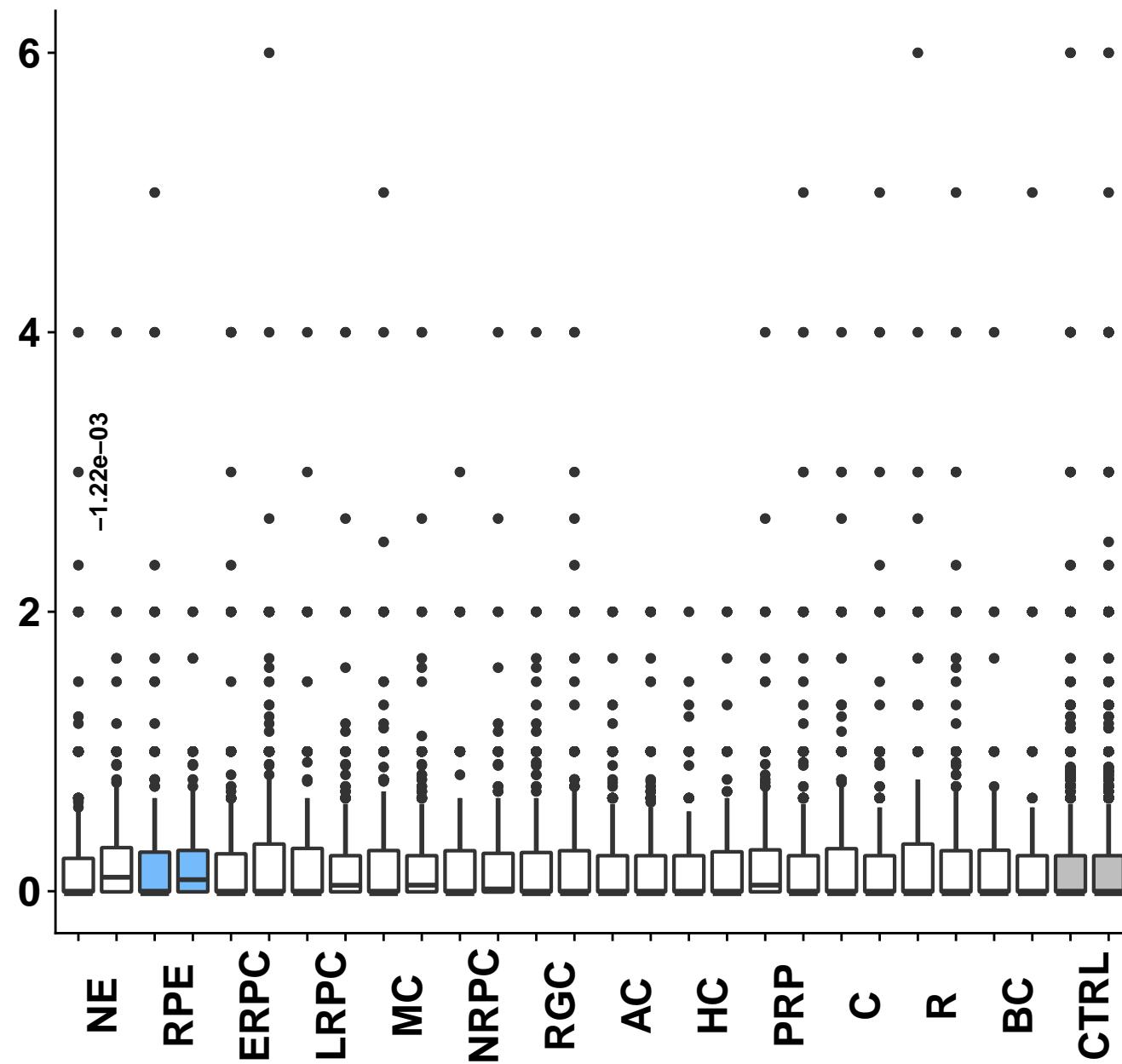
## Fosb\_1\_mean



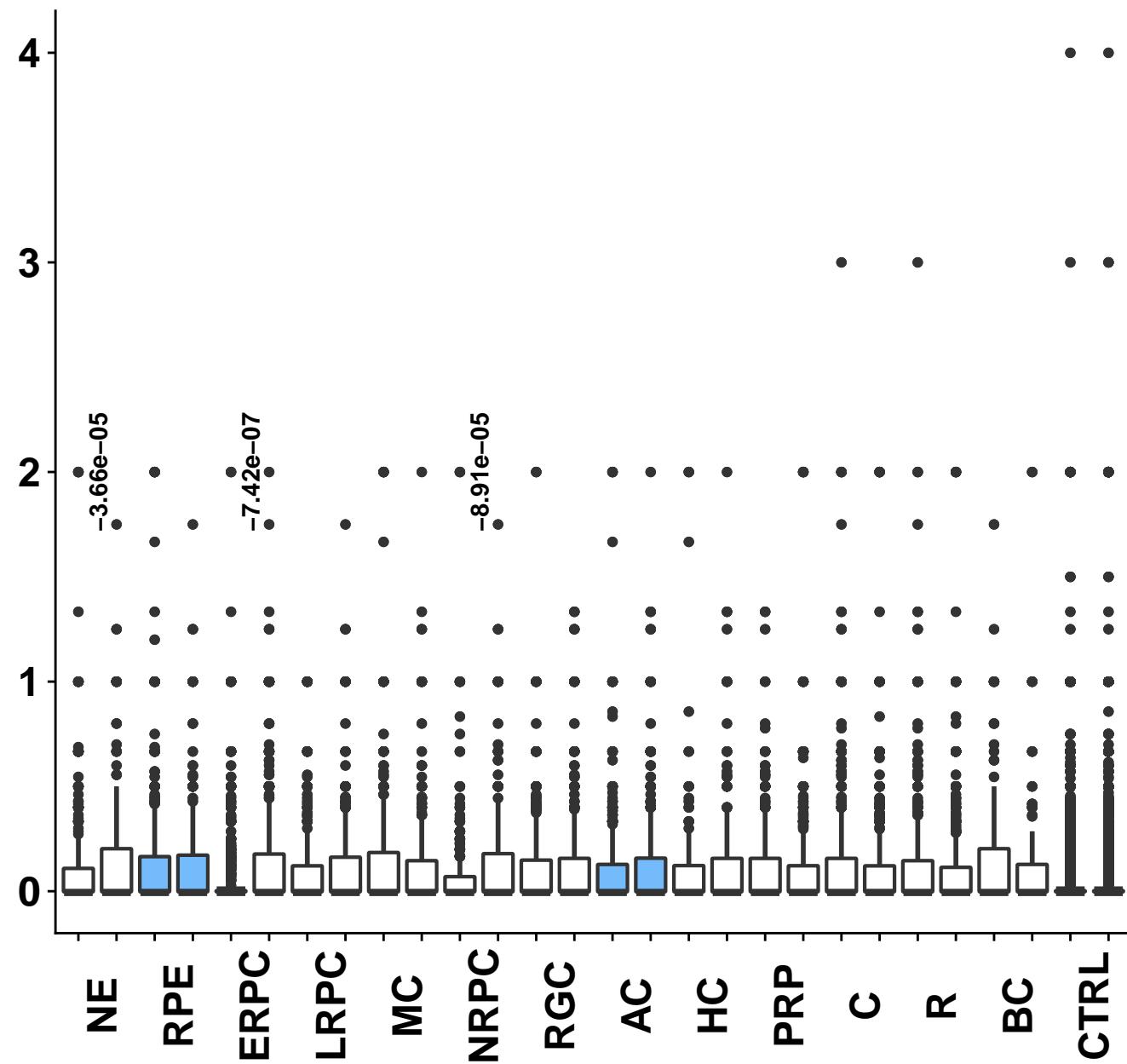
## Fosb\_2\_mean



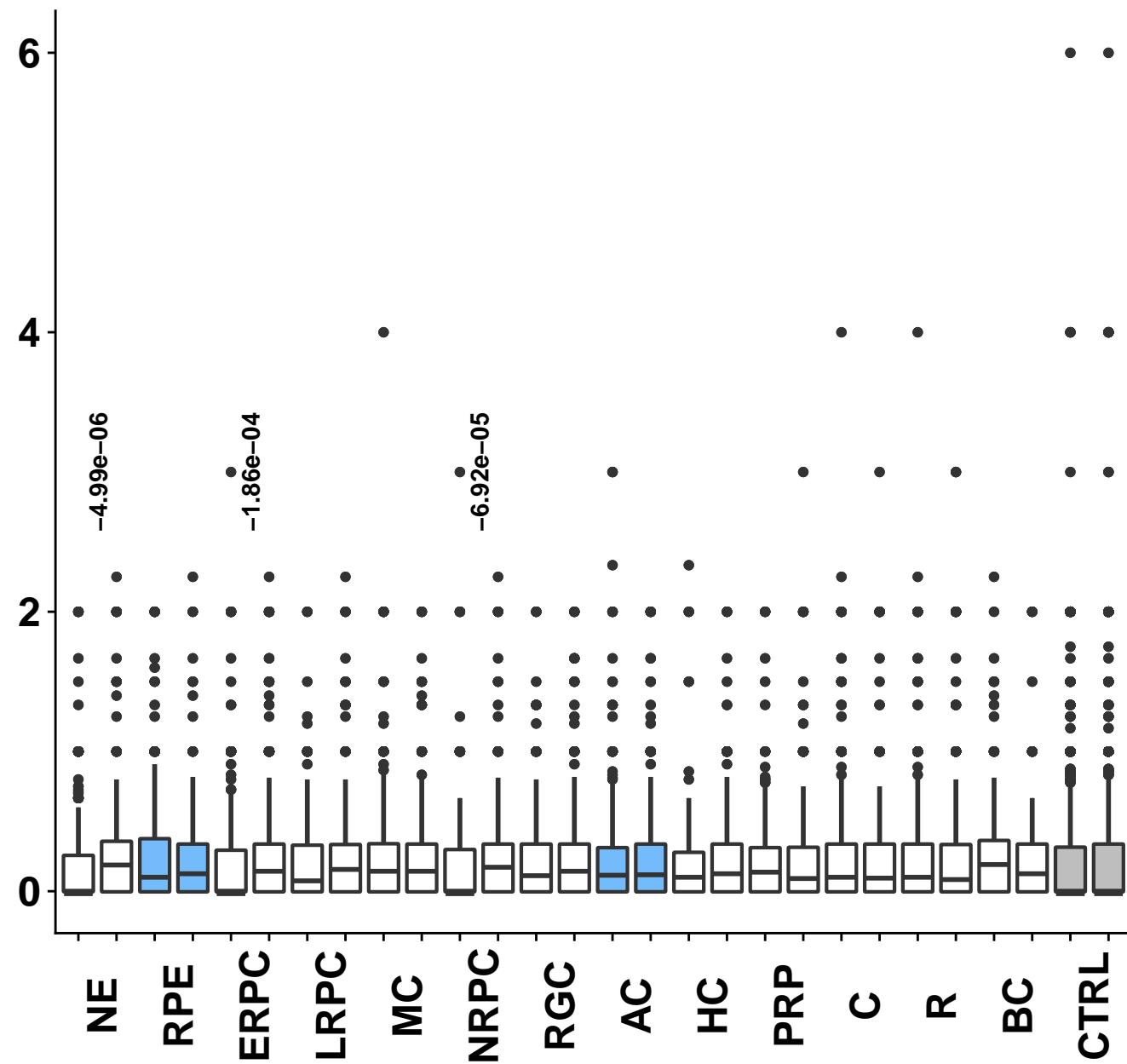
## Fosb\_3\_mean



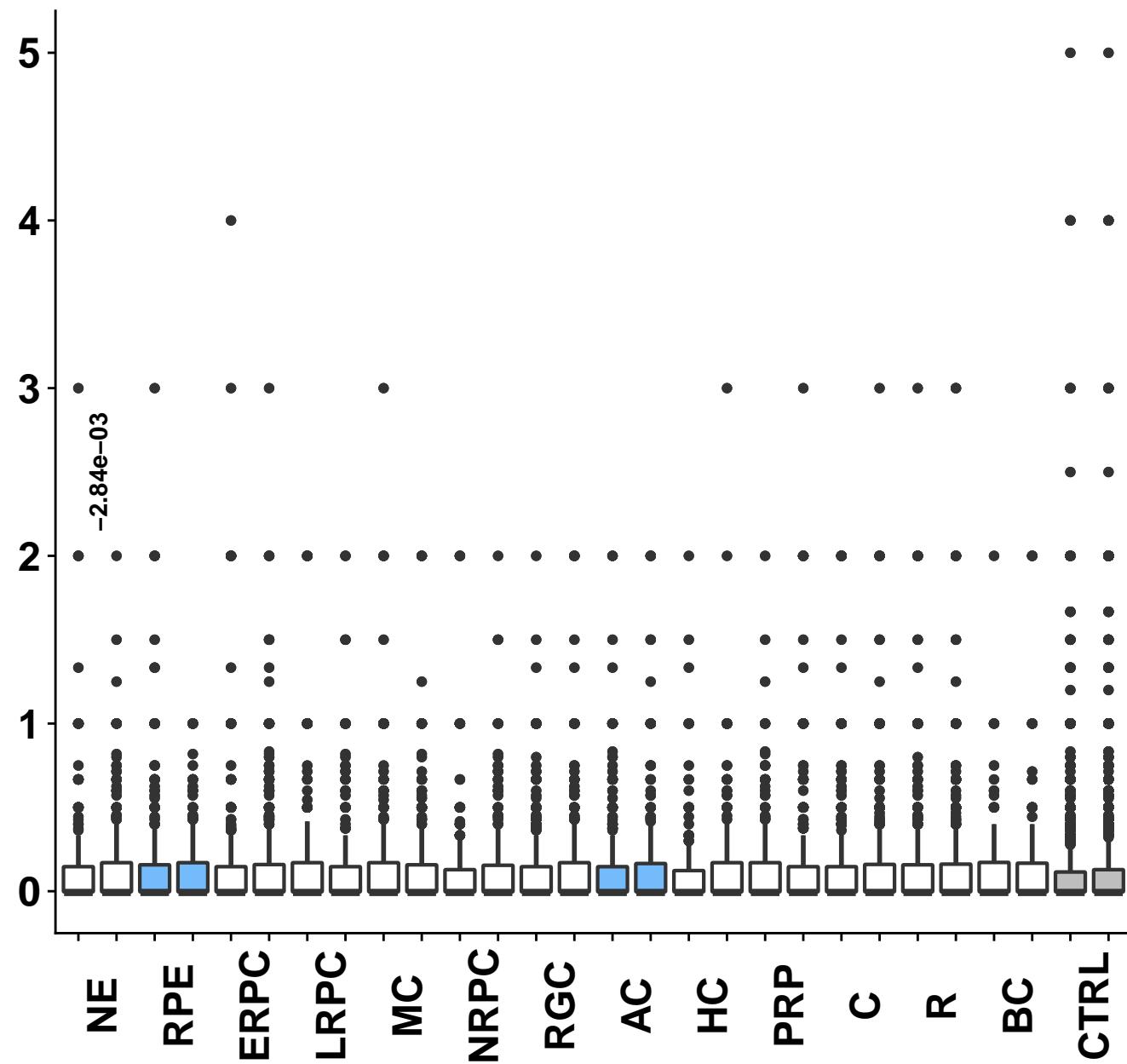
## Fos\_4\_mean



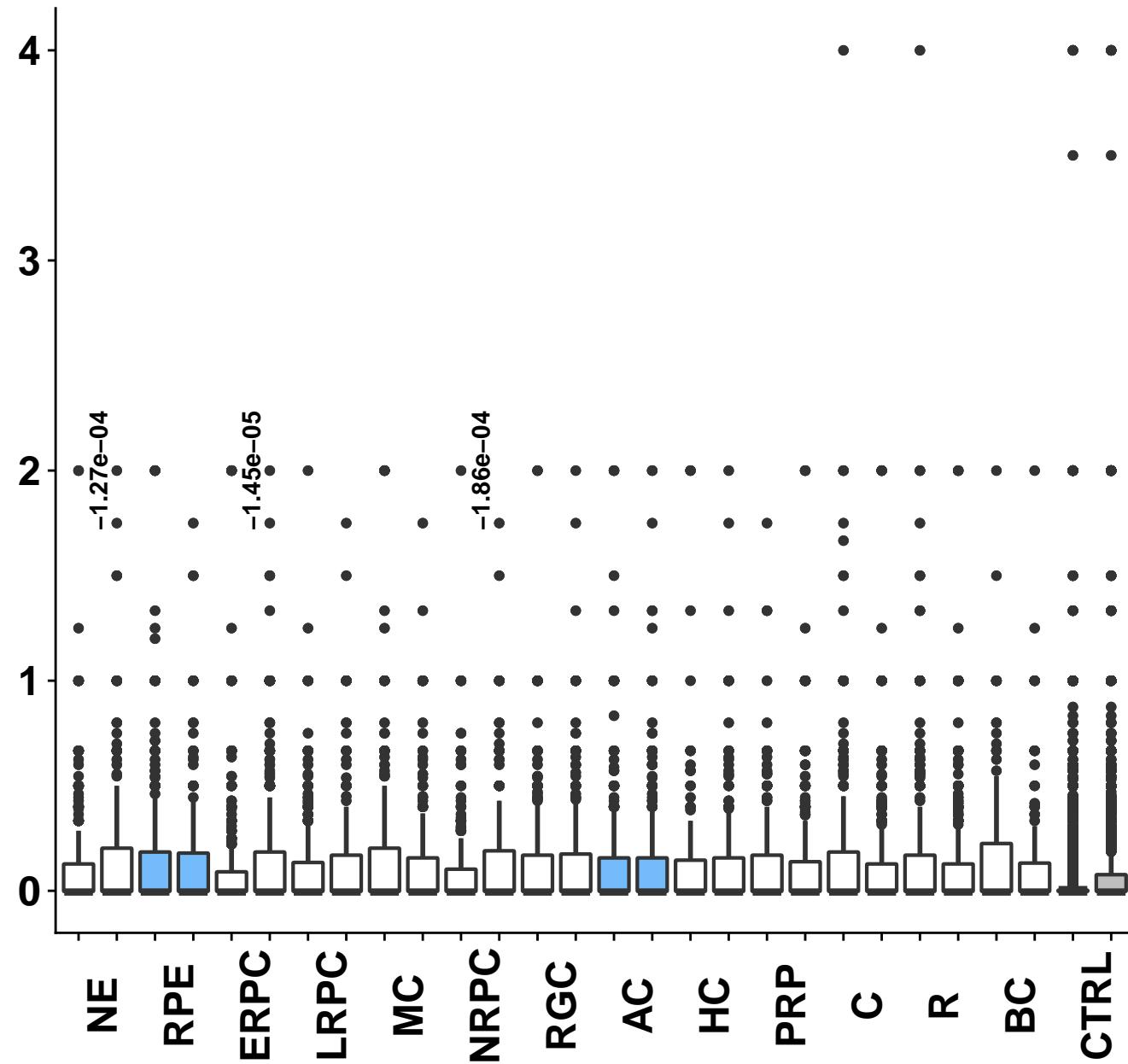
## Fos\_5\_mean



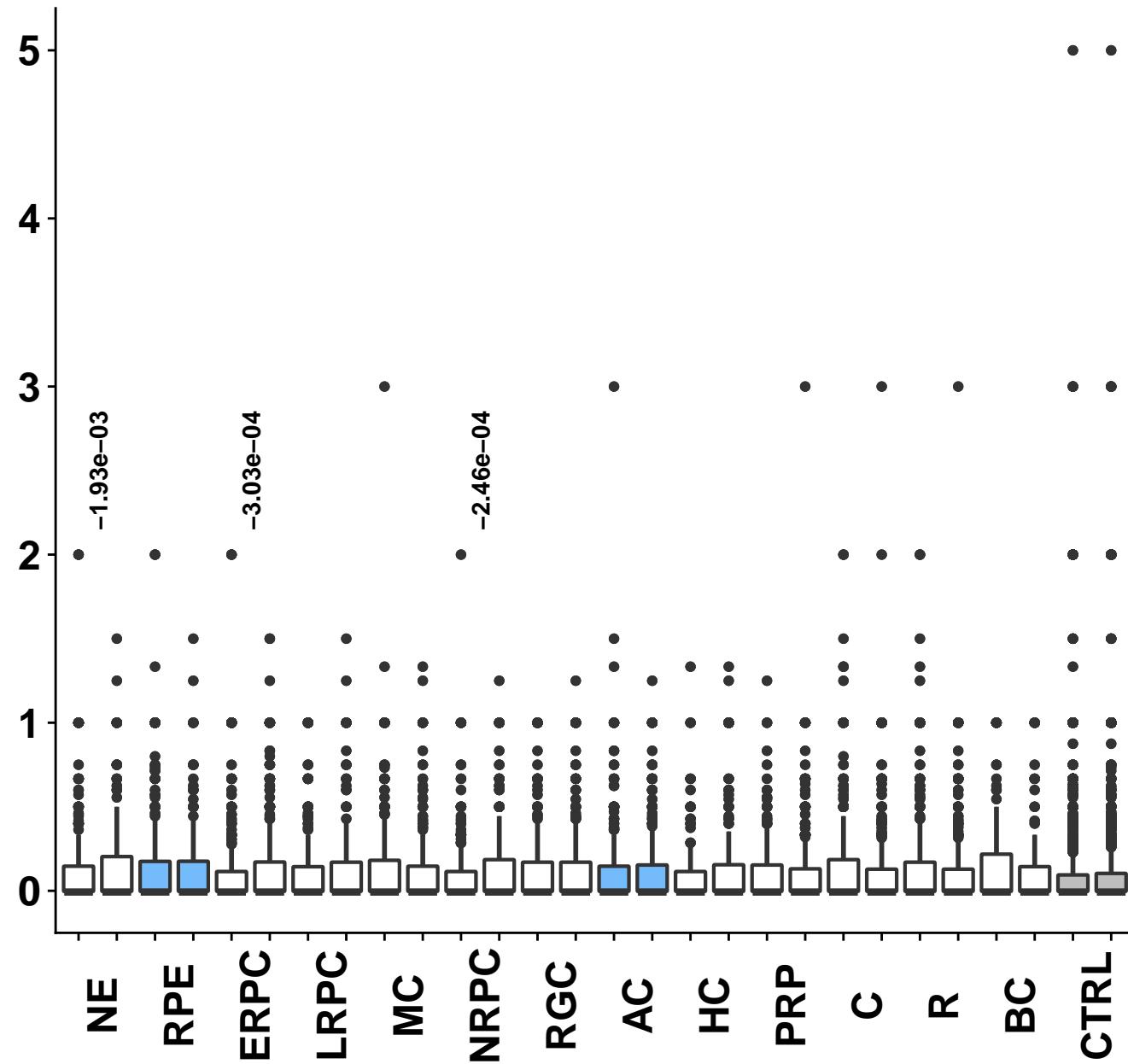
## Fos\_6\_mean



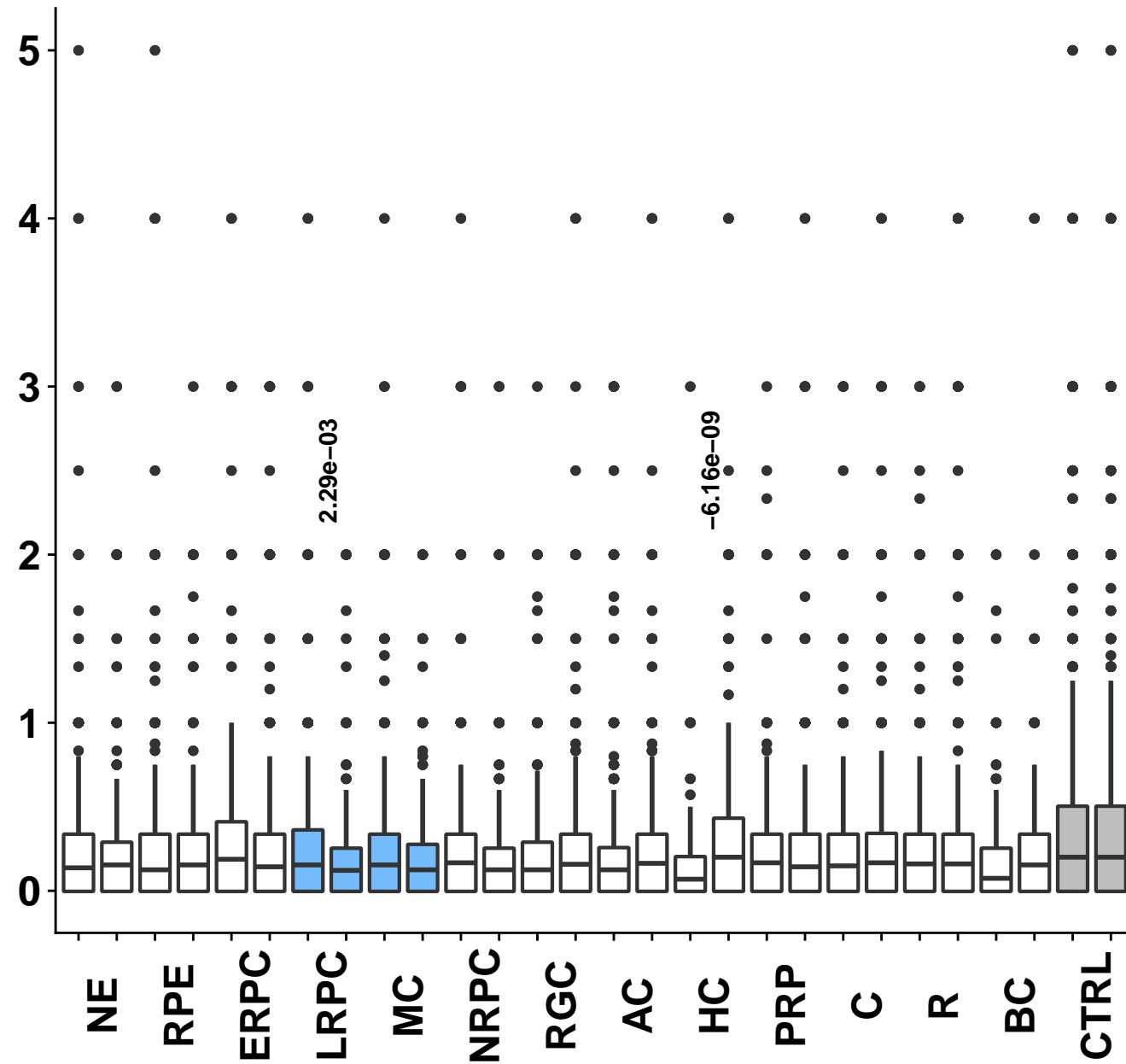
## Fos\_12\_mean



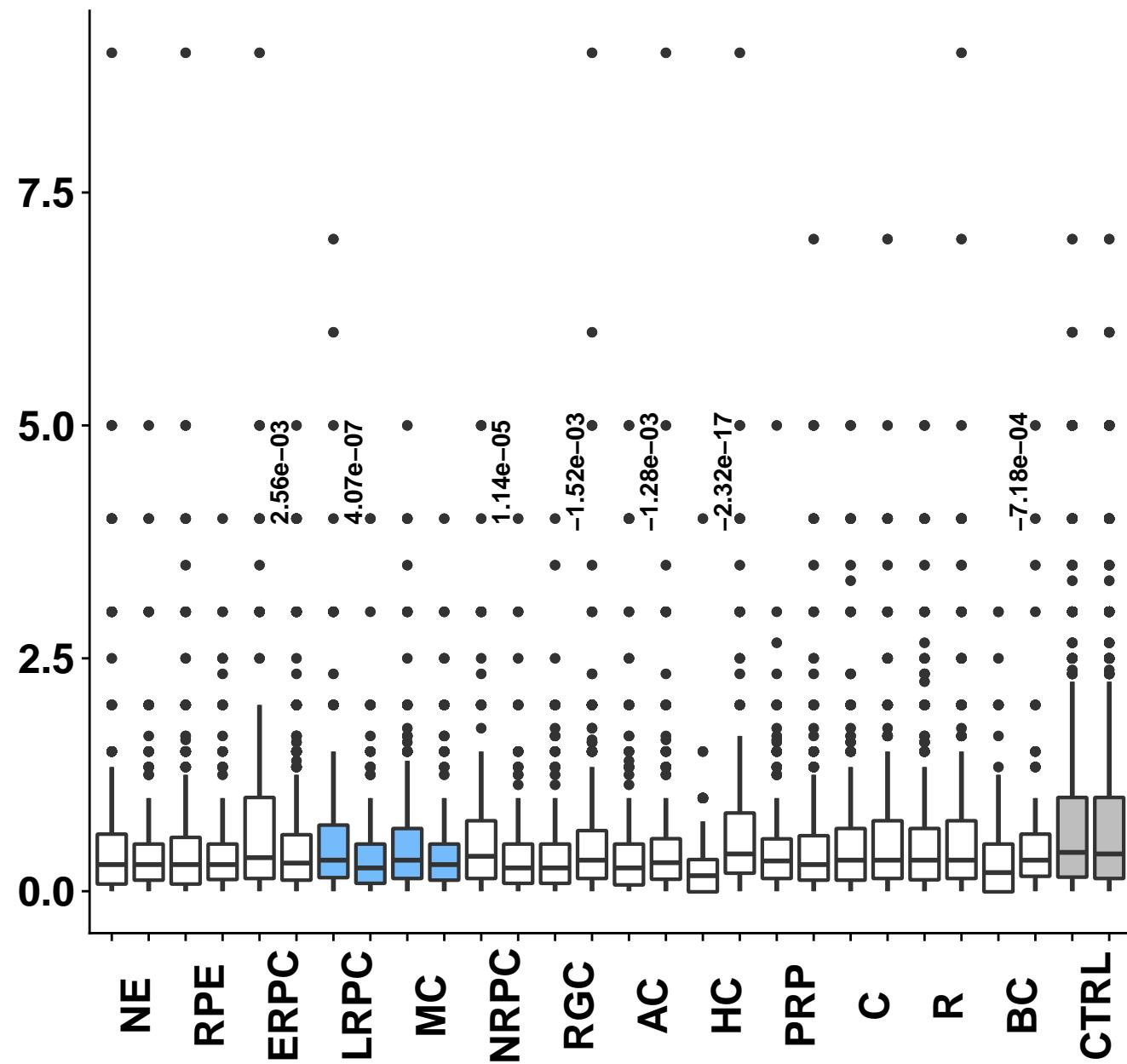
## Fos\_18\_mean



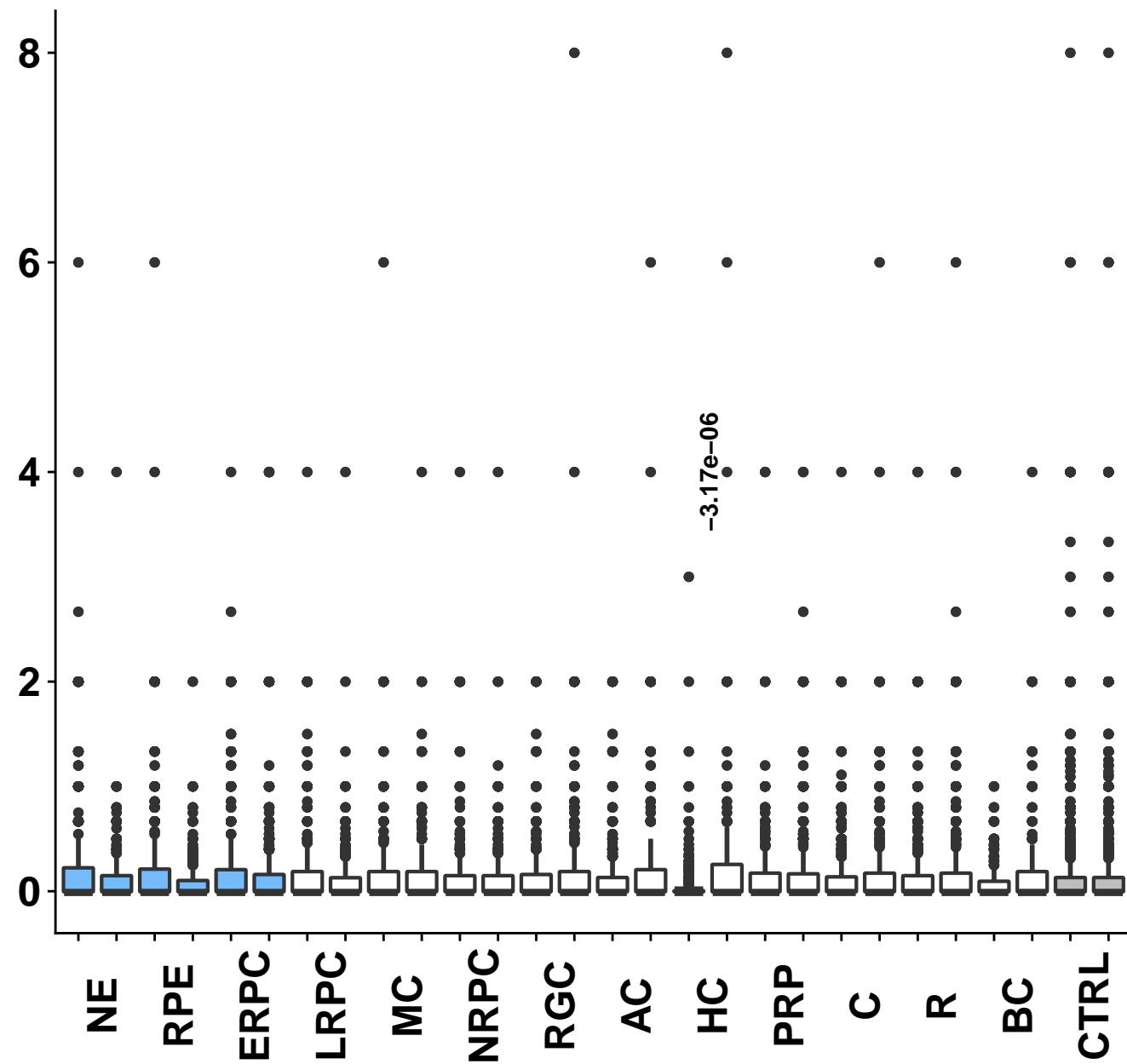
# Etv1\_1\_mean



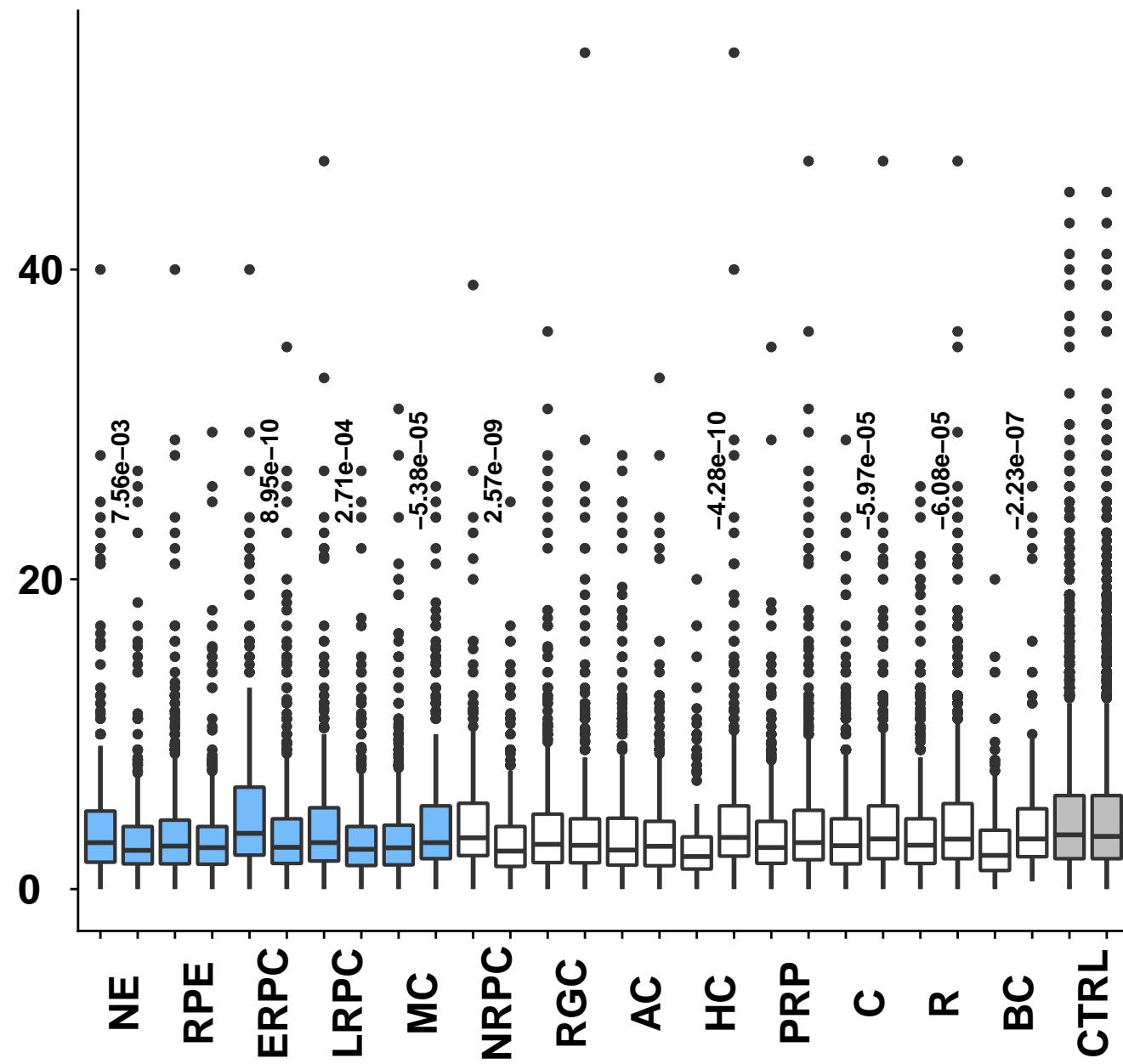
## Etv1\_2\_mean



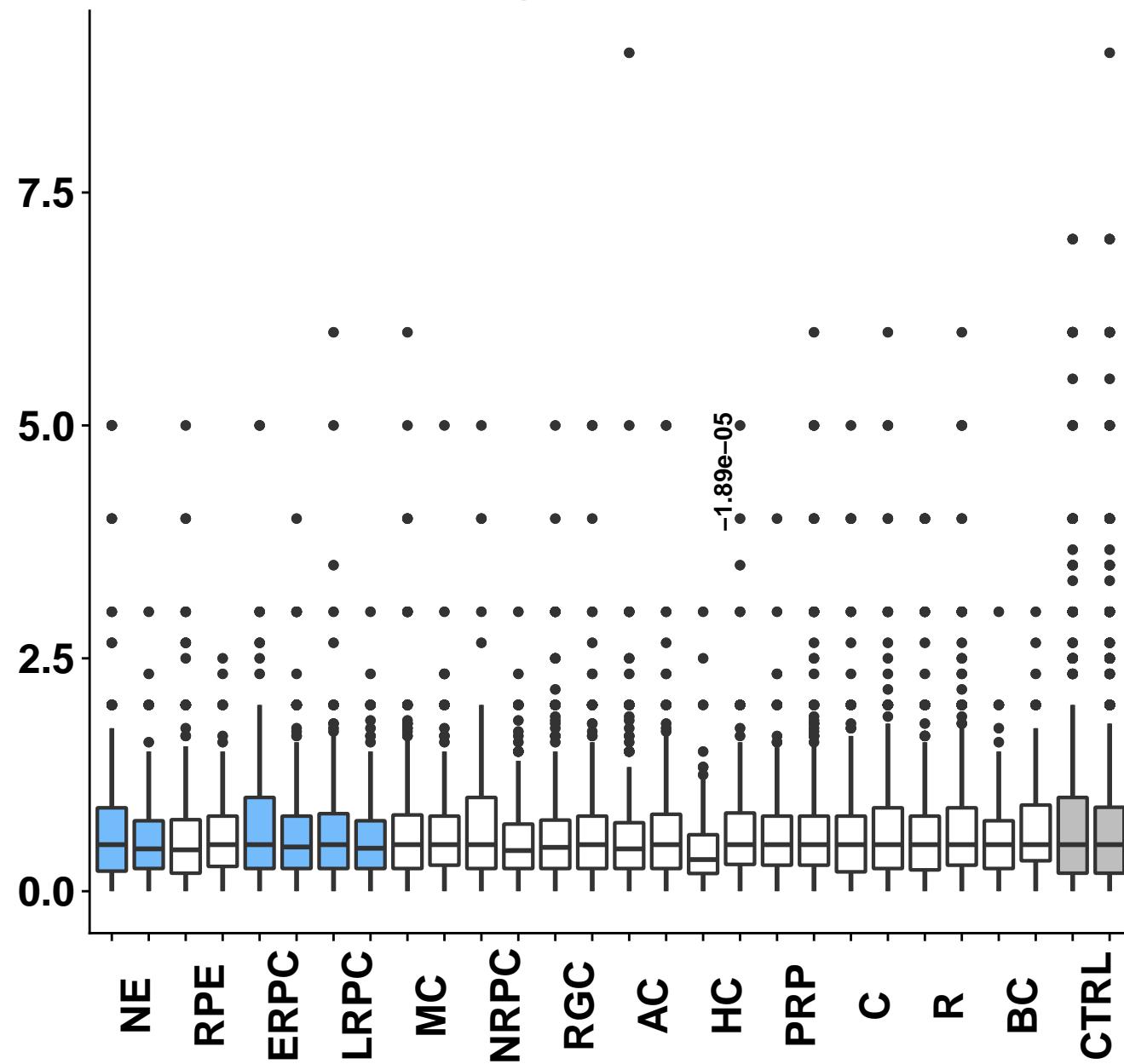
## Id2\_1\_mean



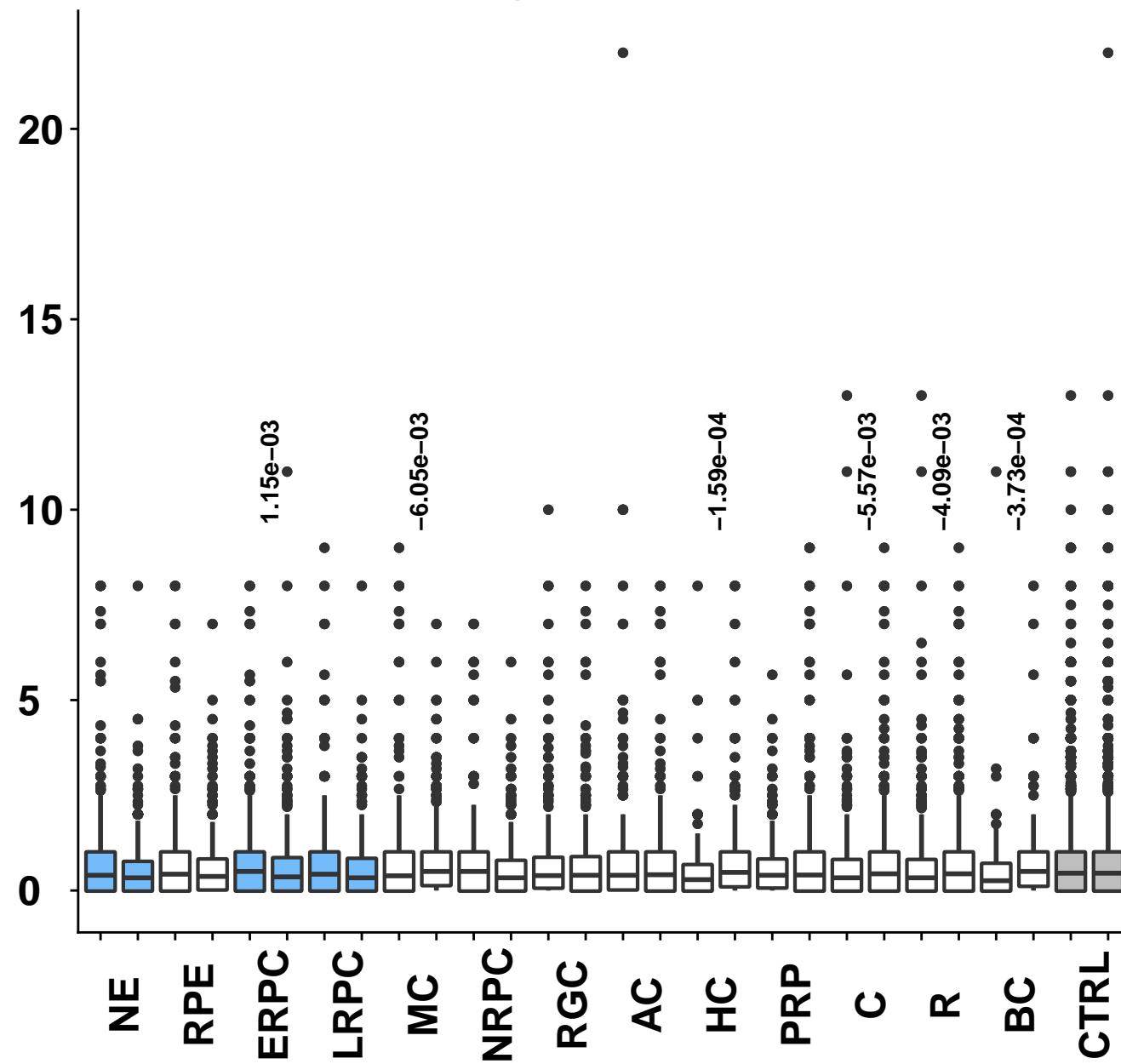
# Hes1\_1\_mean



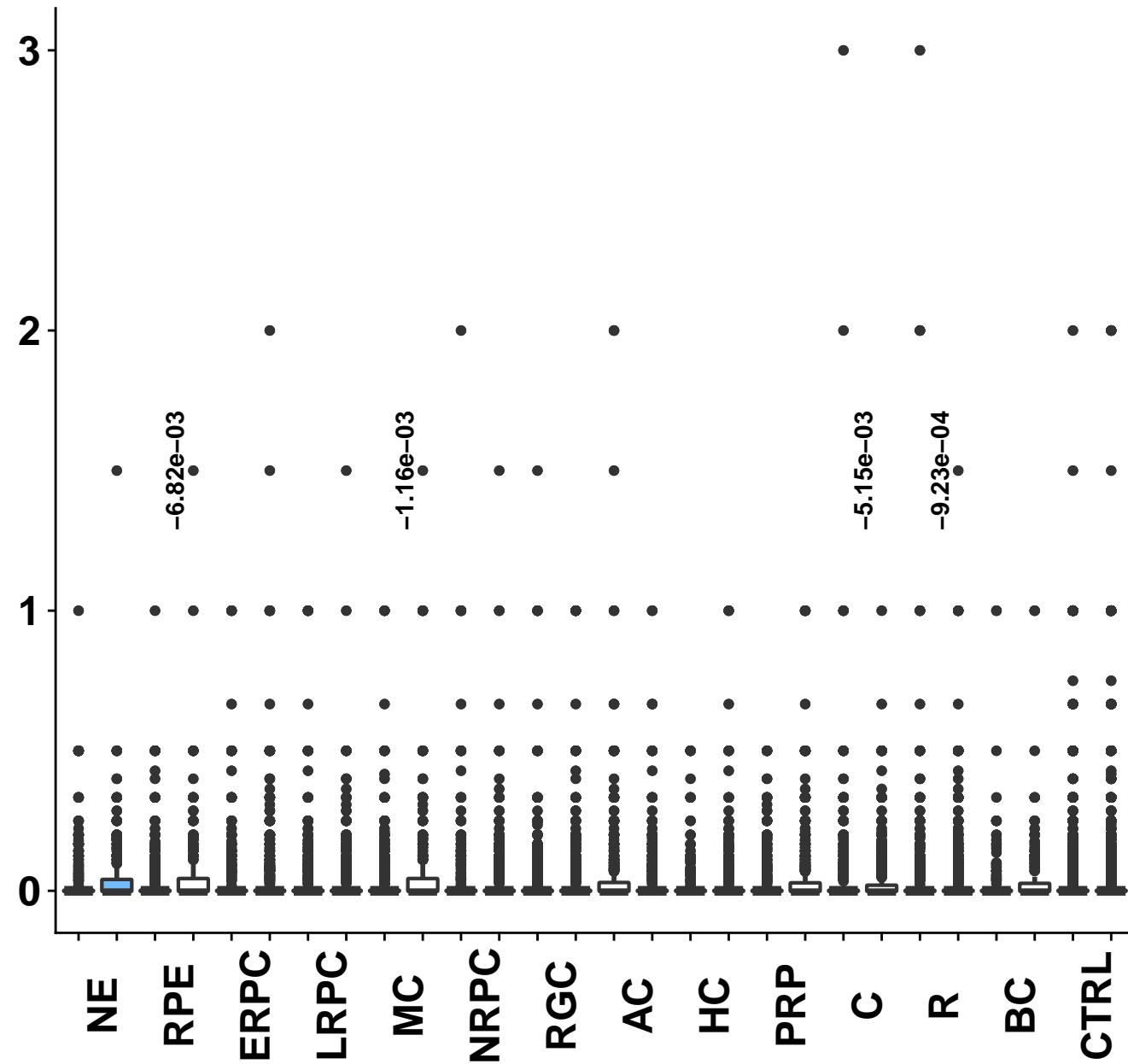
# Plagl1\_1\_mean



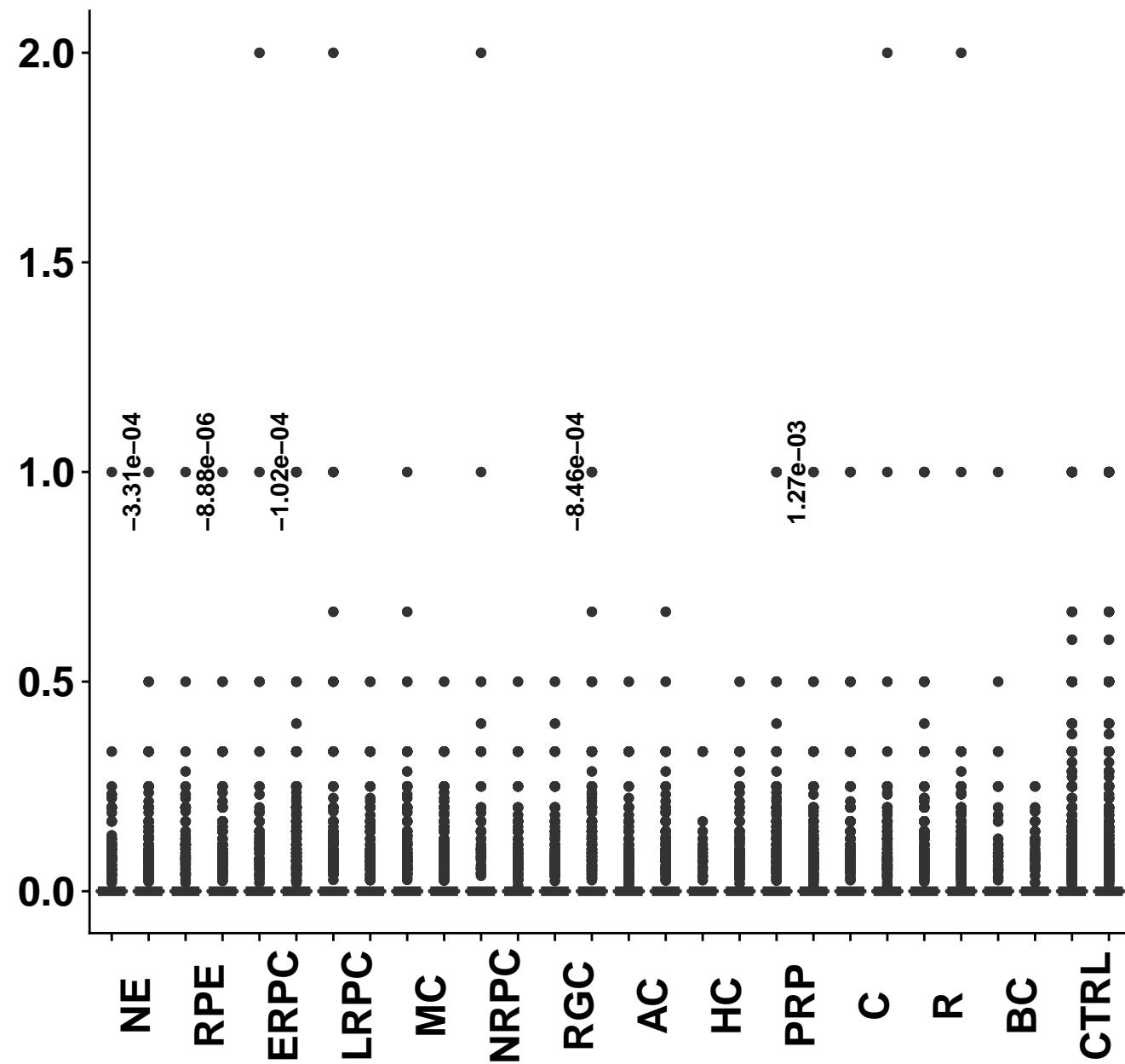
## Plagl1\_2\_mean



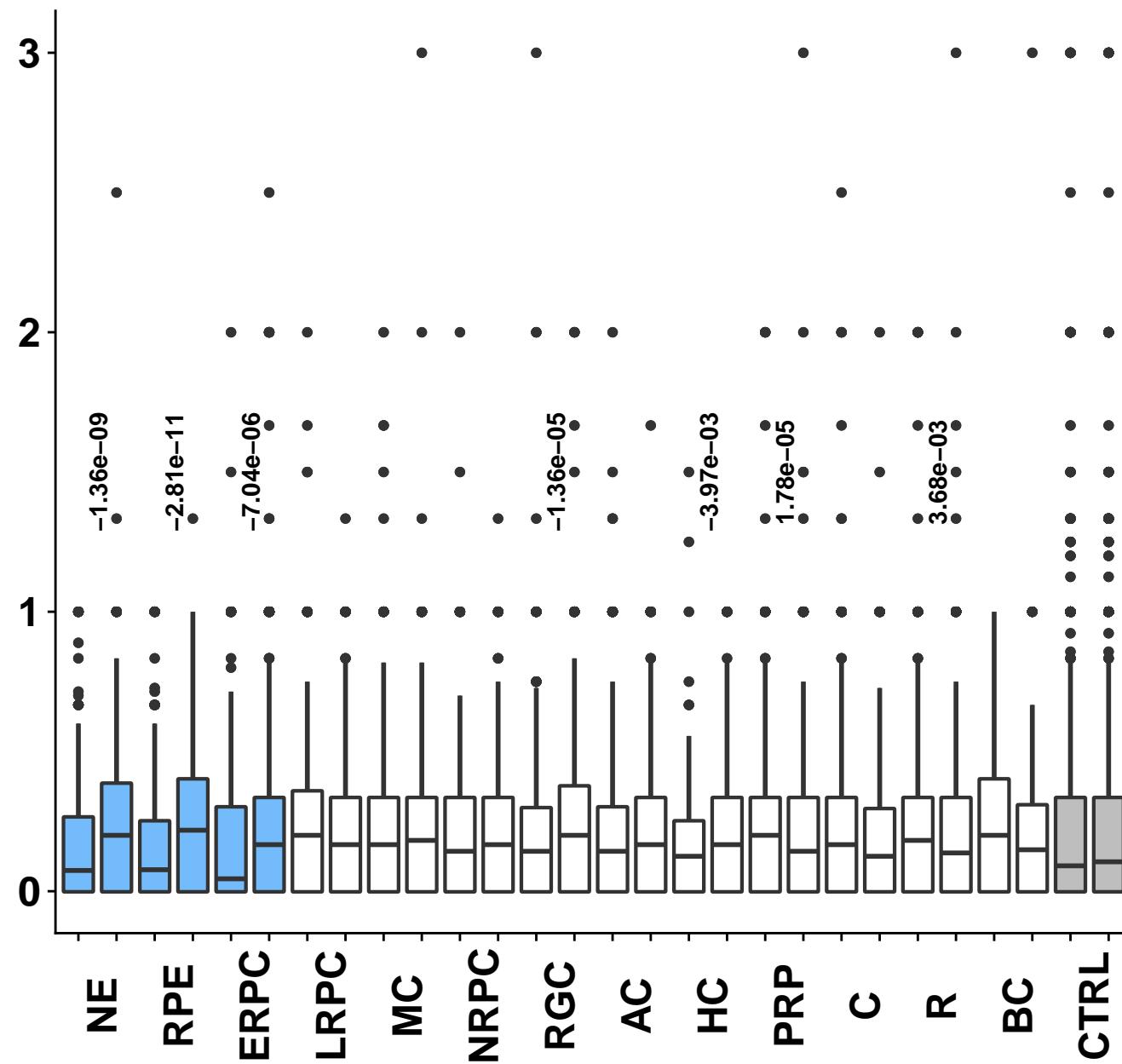
## Plagl1\_3\_mean



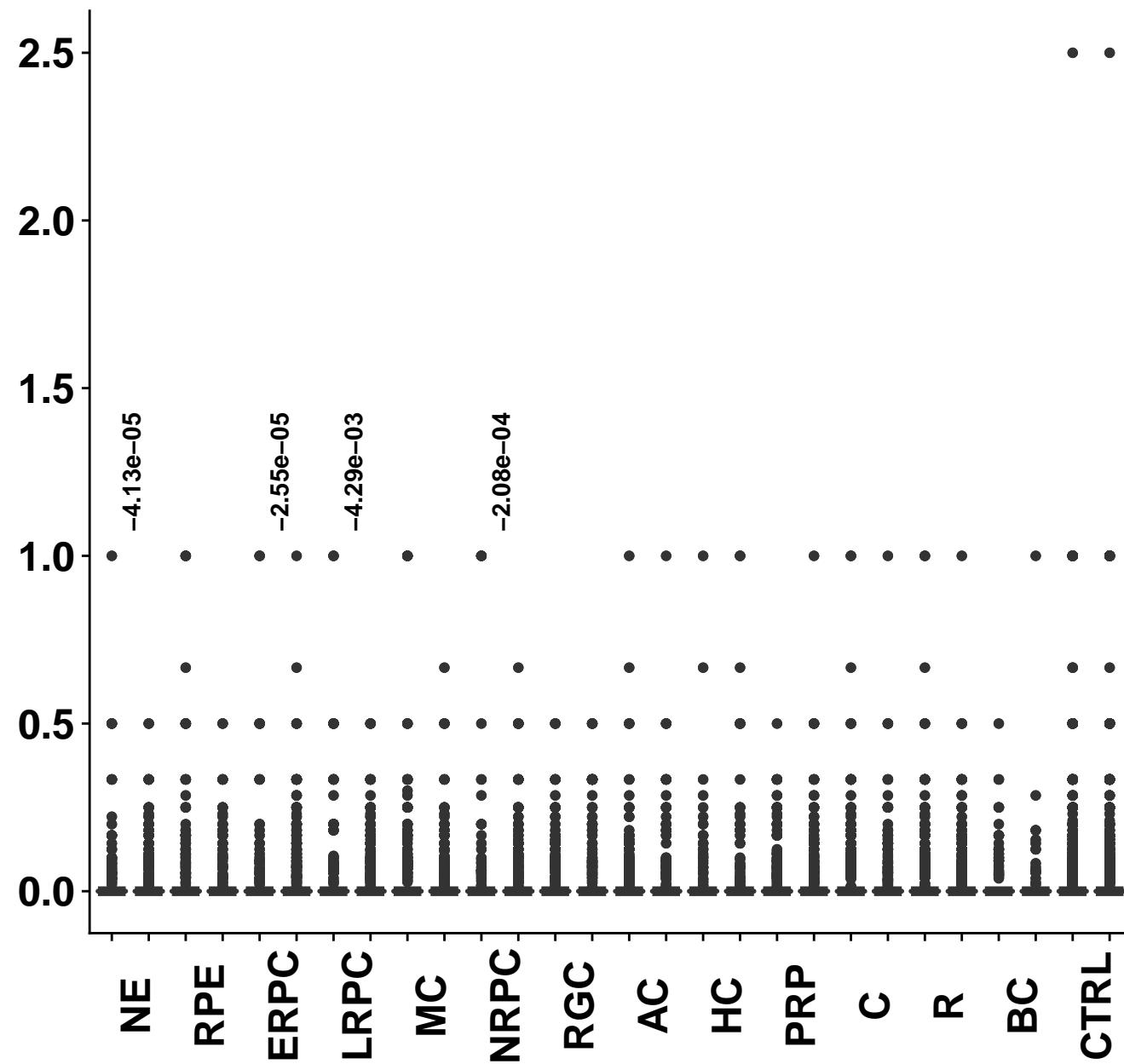
## Foxp1\_1\_mean



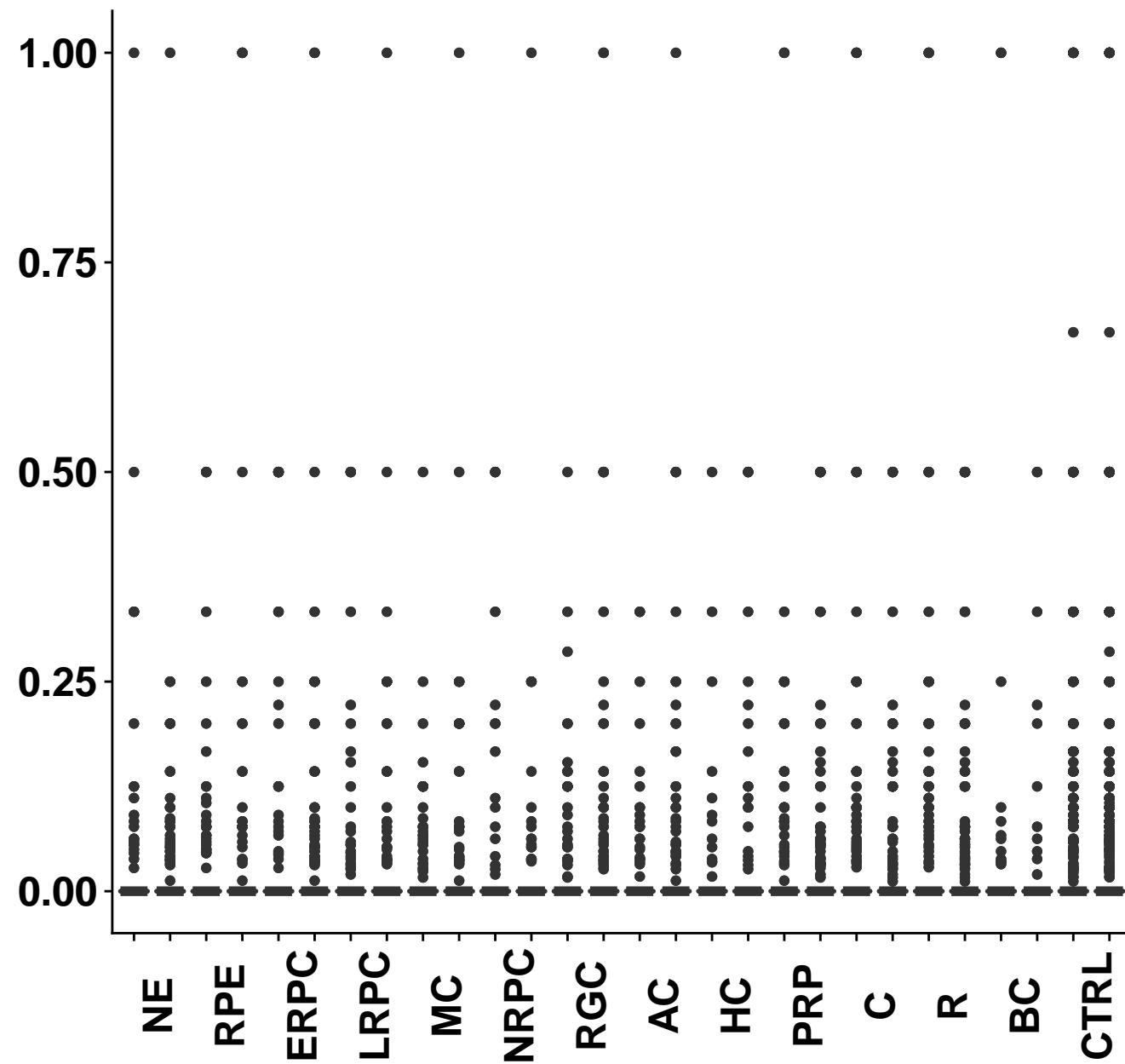
## Foxp1\_2\_mean



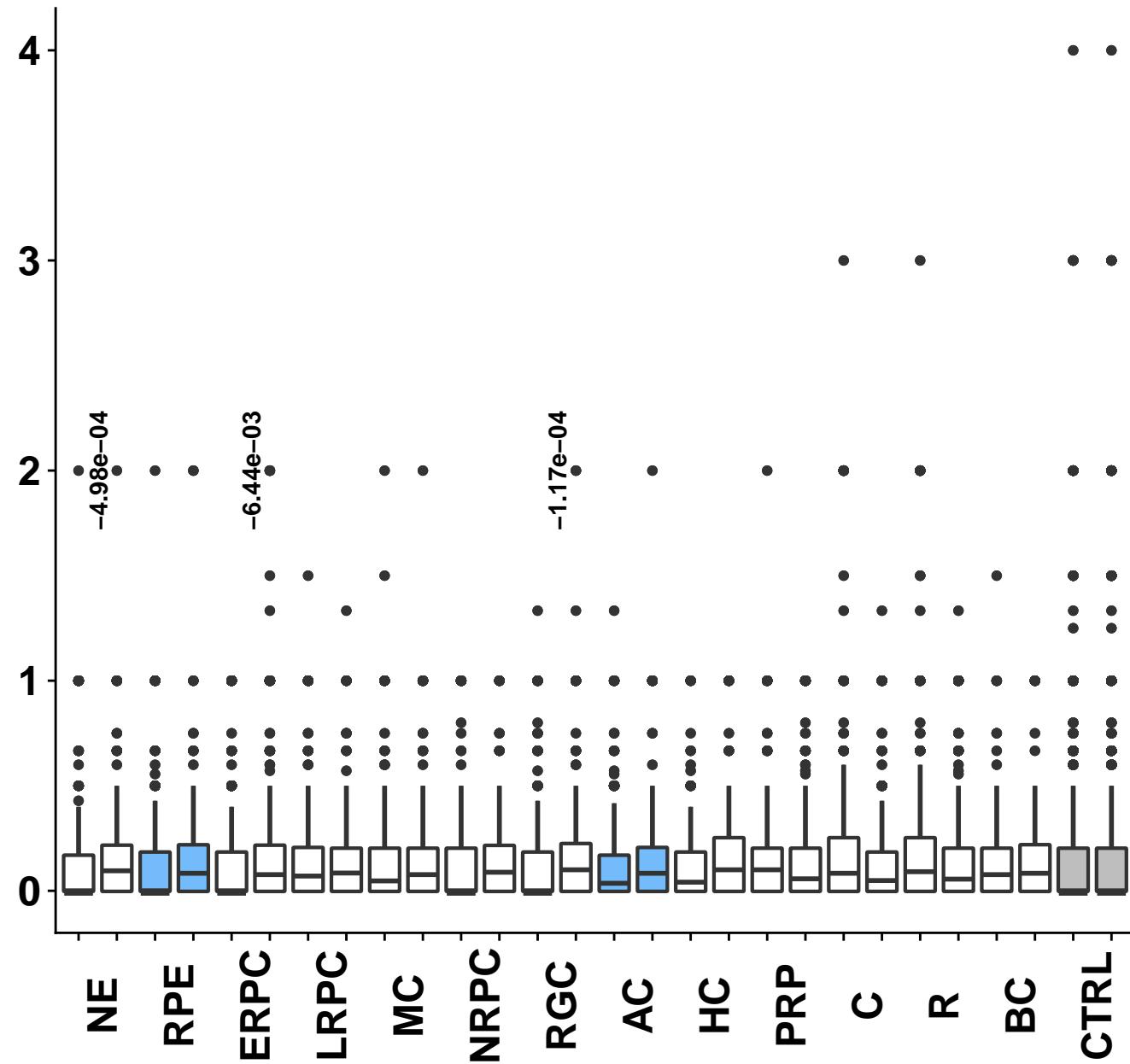
## Maf\_6\_mean



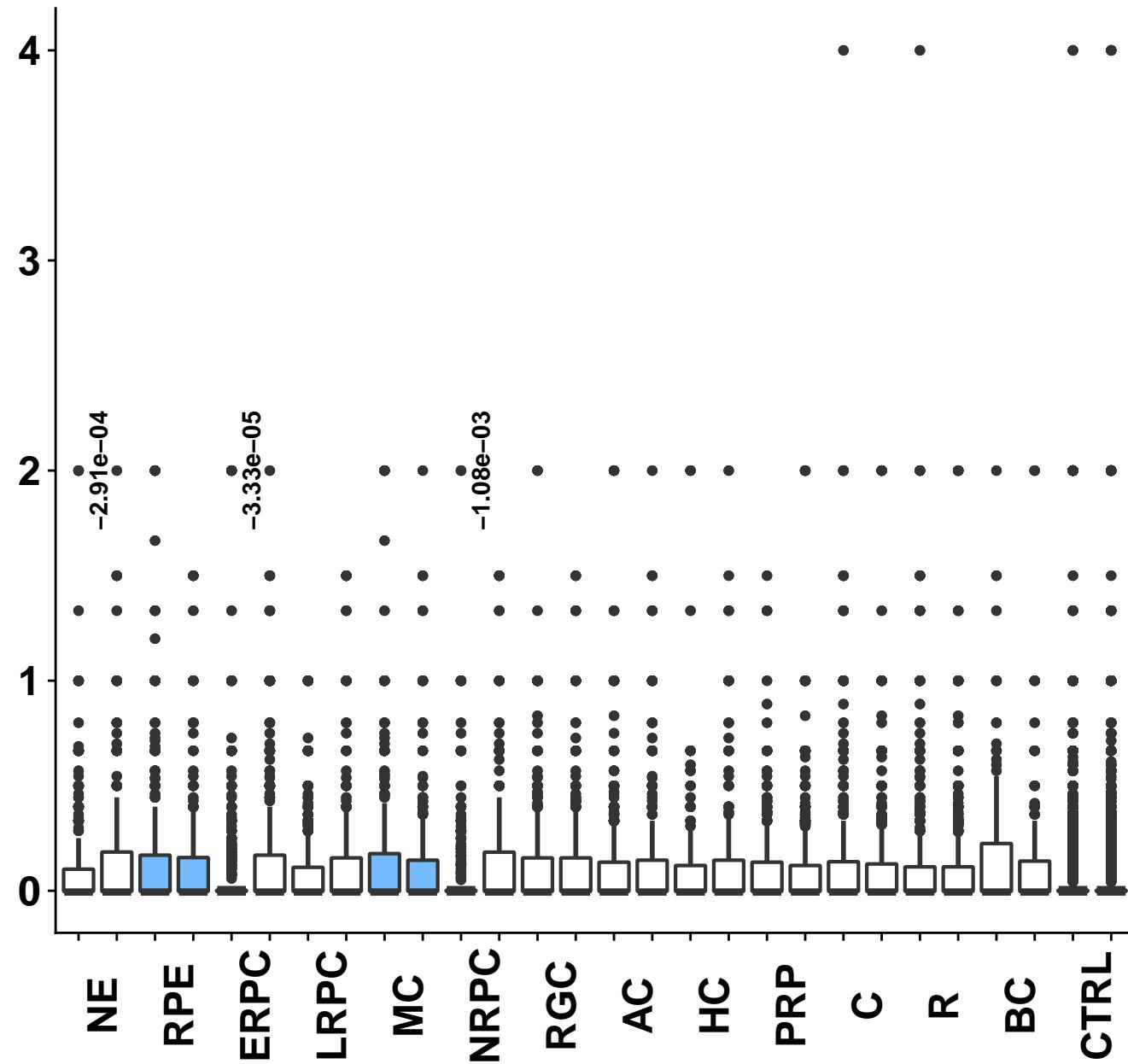
## Nr4a1\_1\_mean



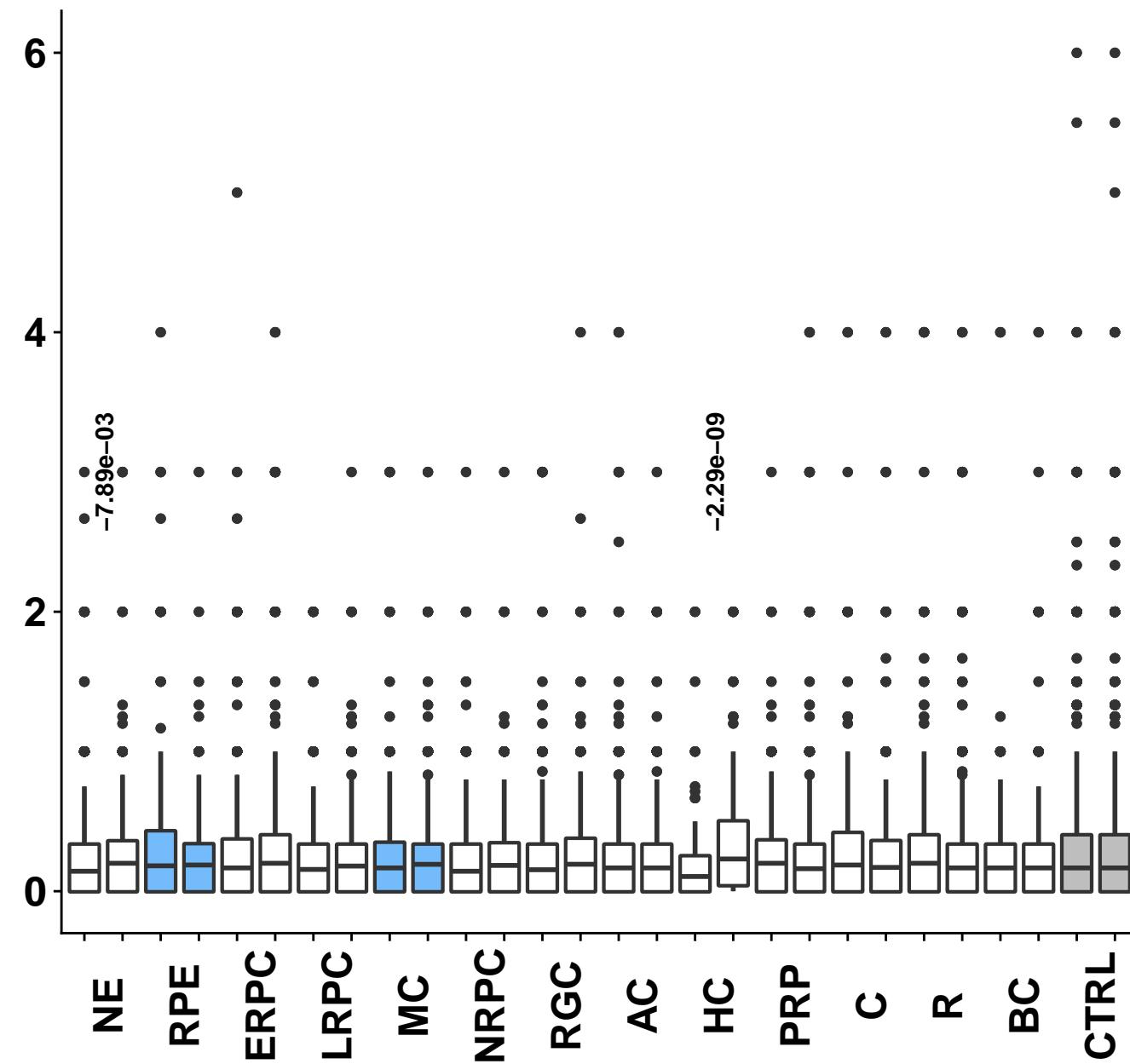
## Nr4a1\_2\_mean



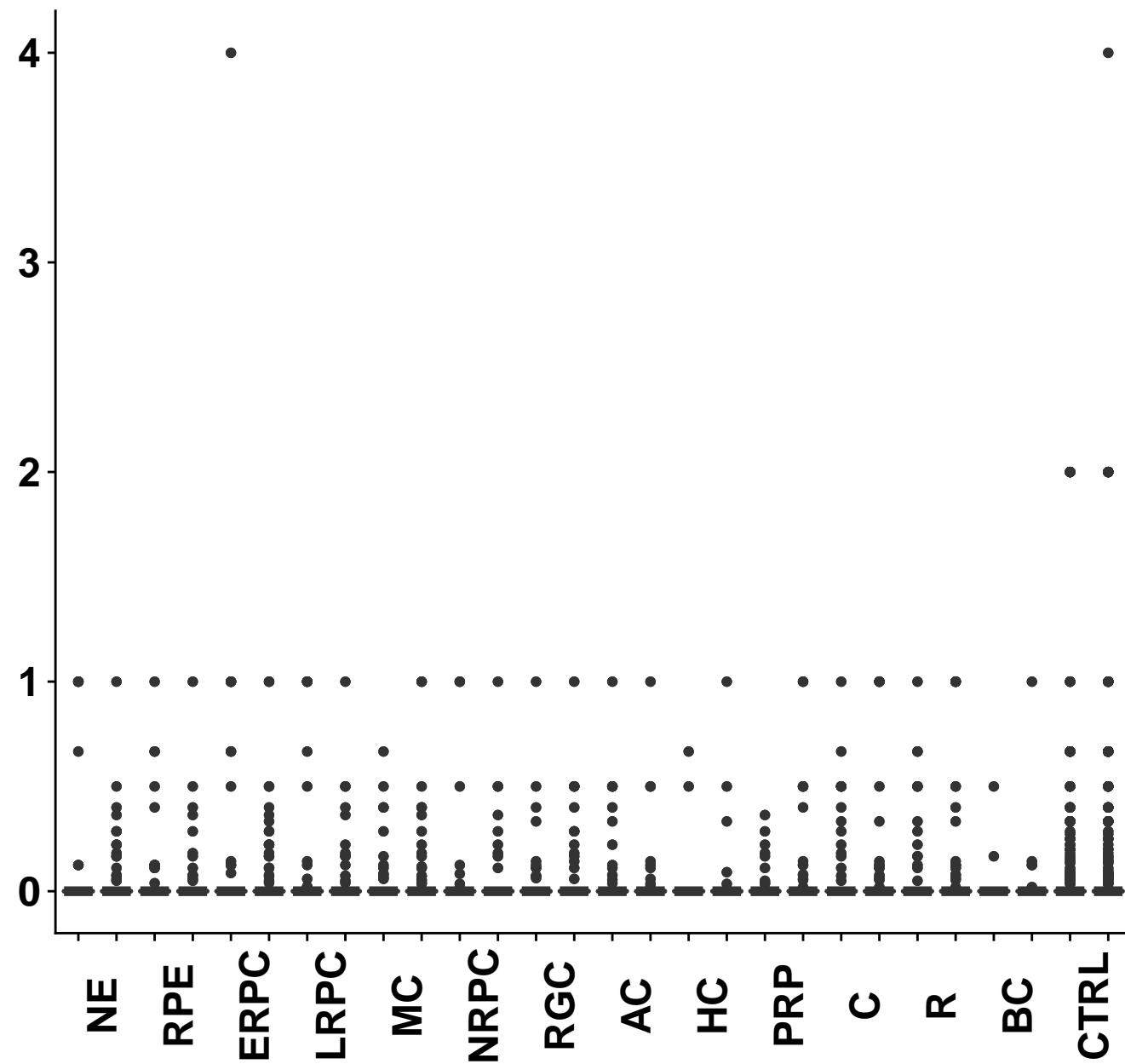
## Atf3\_1\_mean



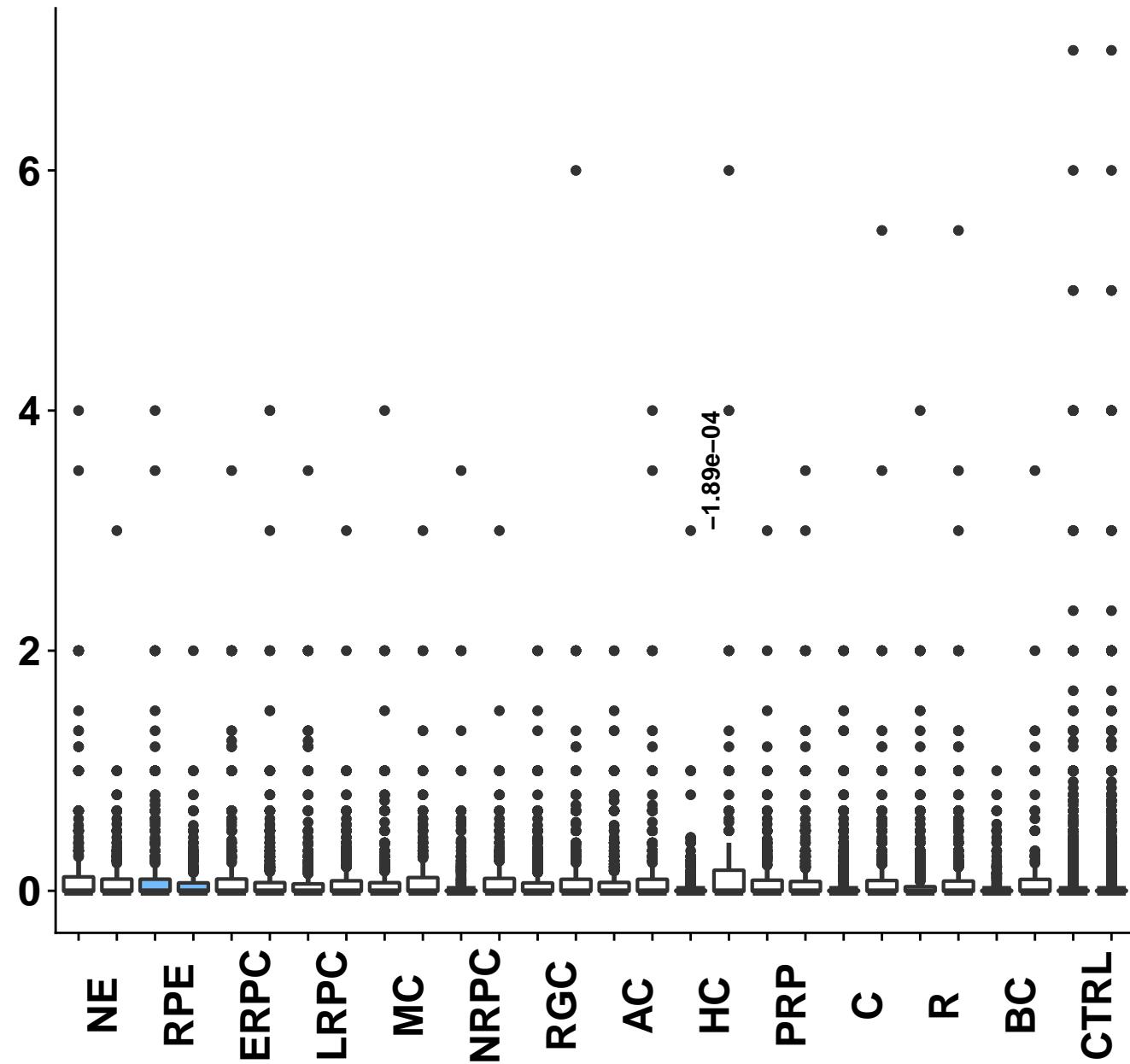
## Atf3\_2\_mean



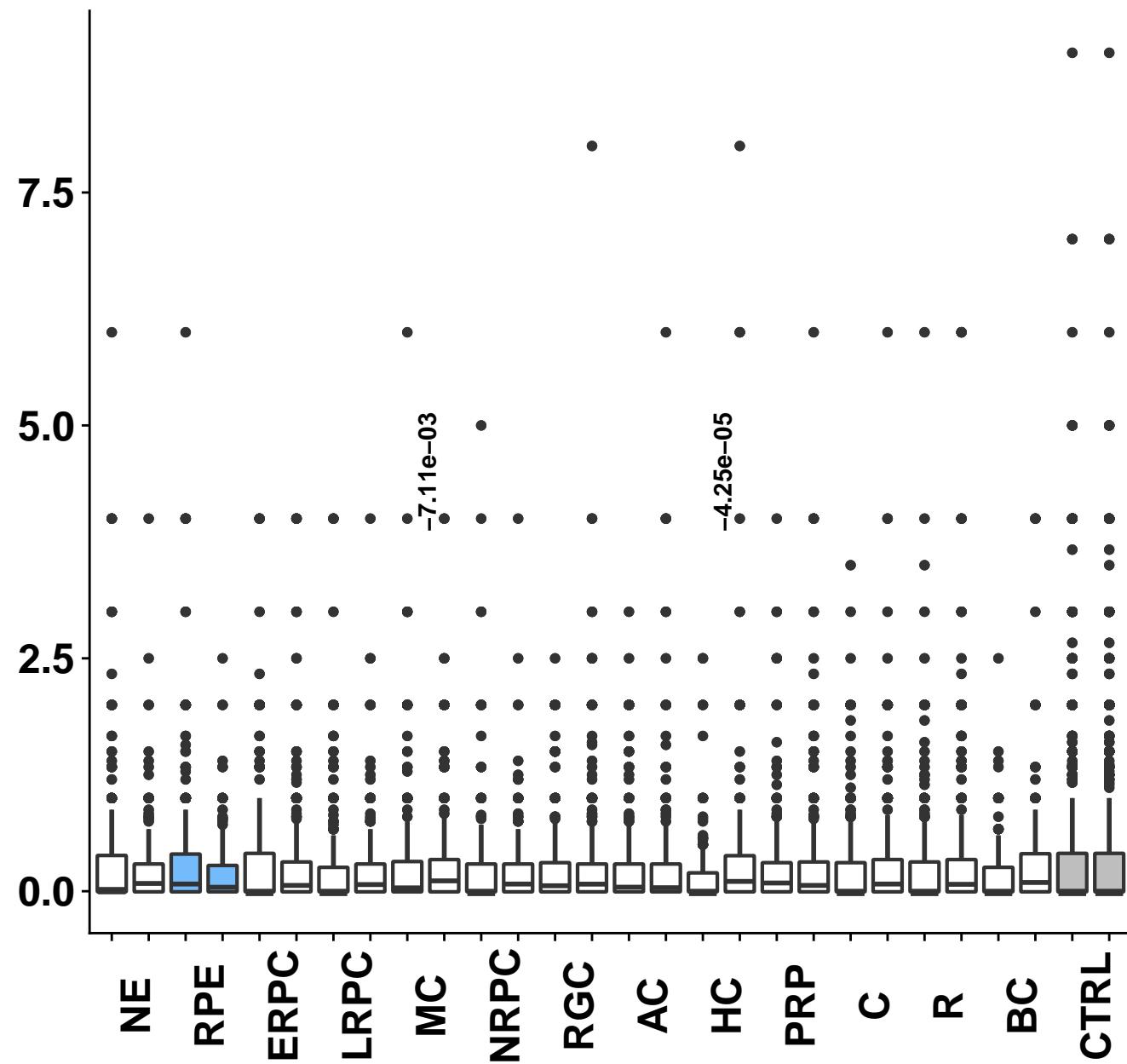
### Atf3\_3\_mean



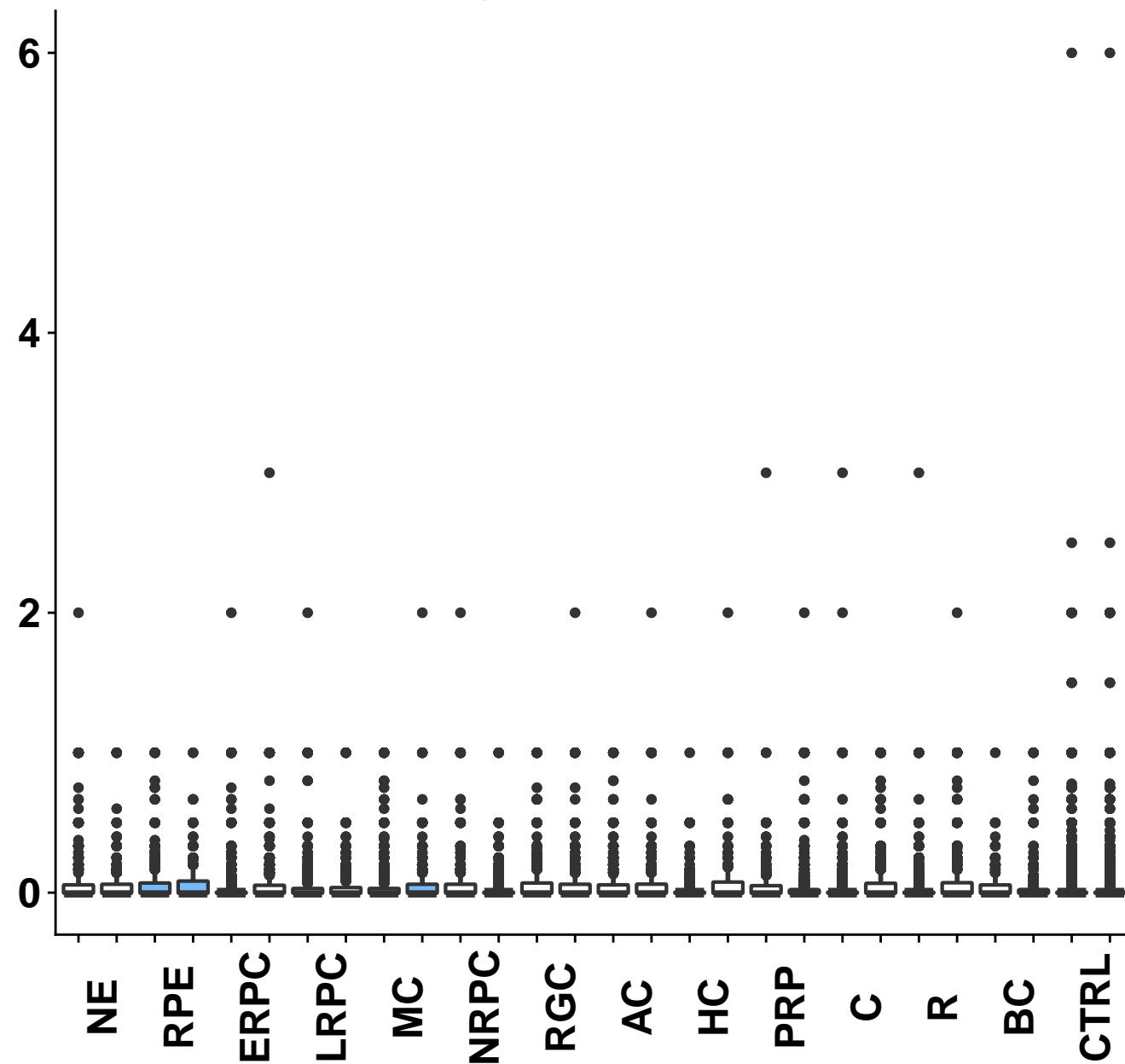
## Bhlhe40\_1\_mean



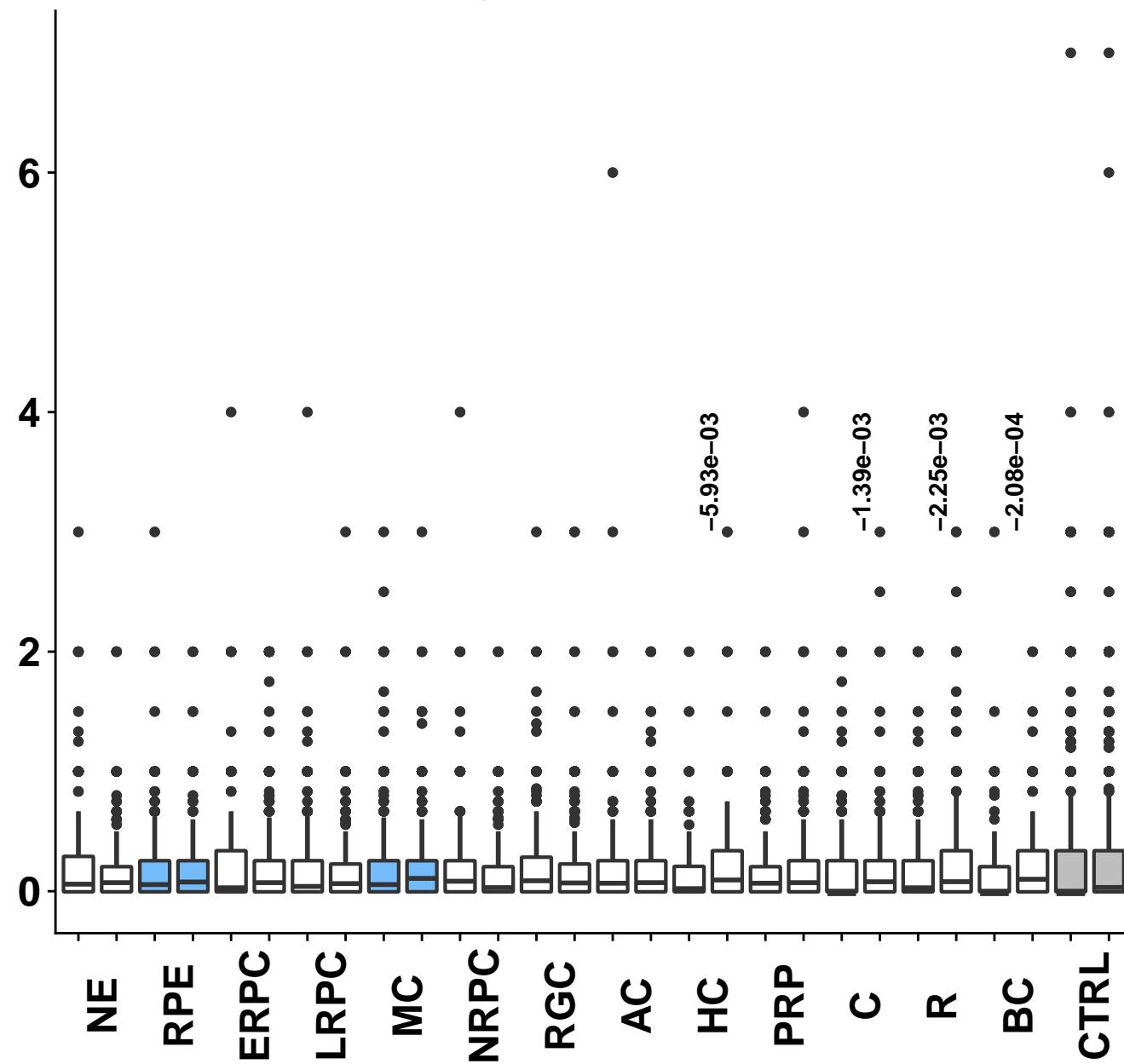
## Bhlhe40\_2\_mean



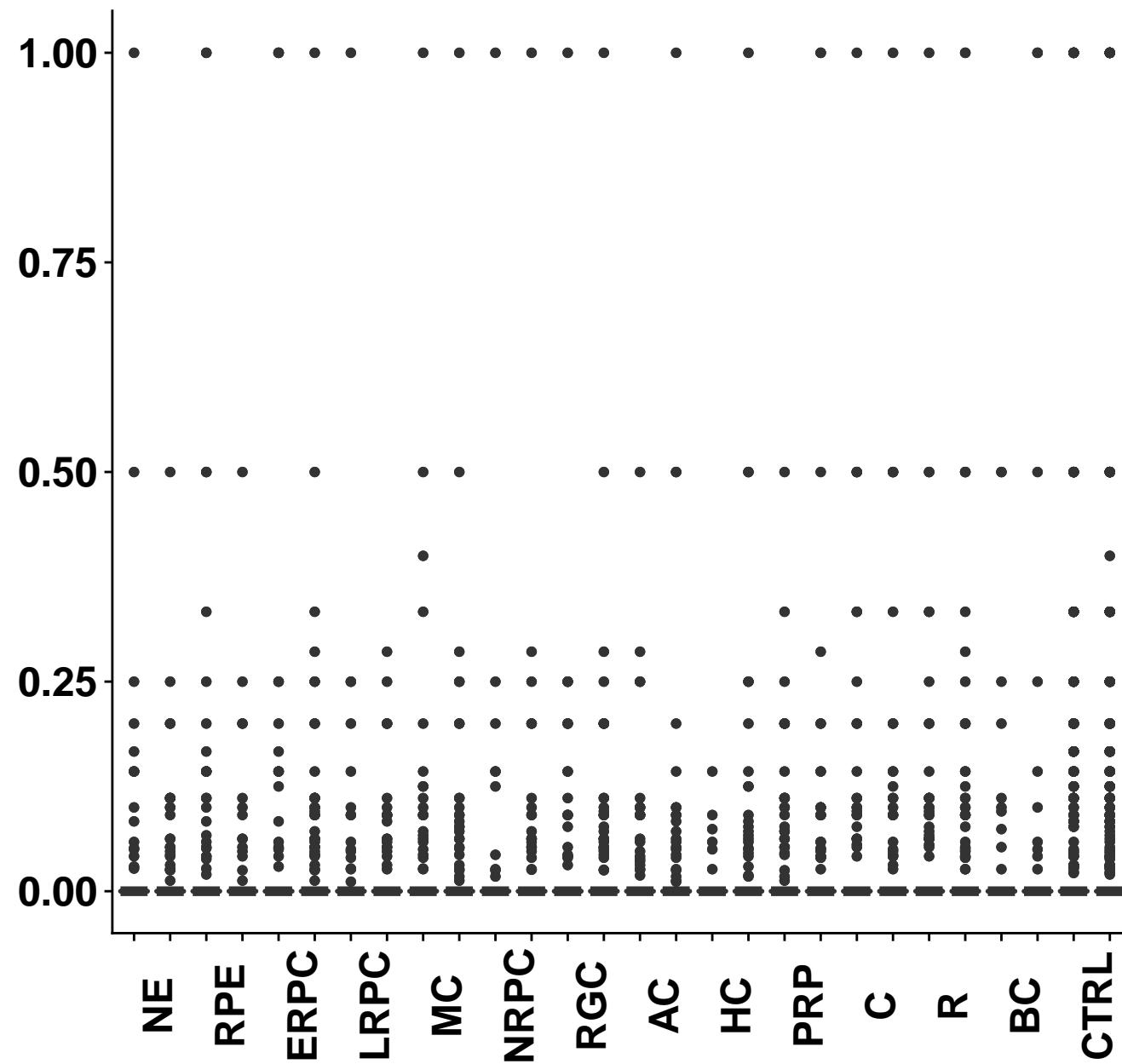
## Egr2\_1\_mean



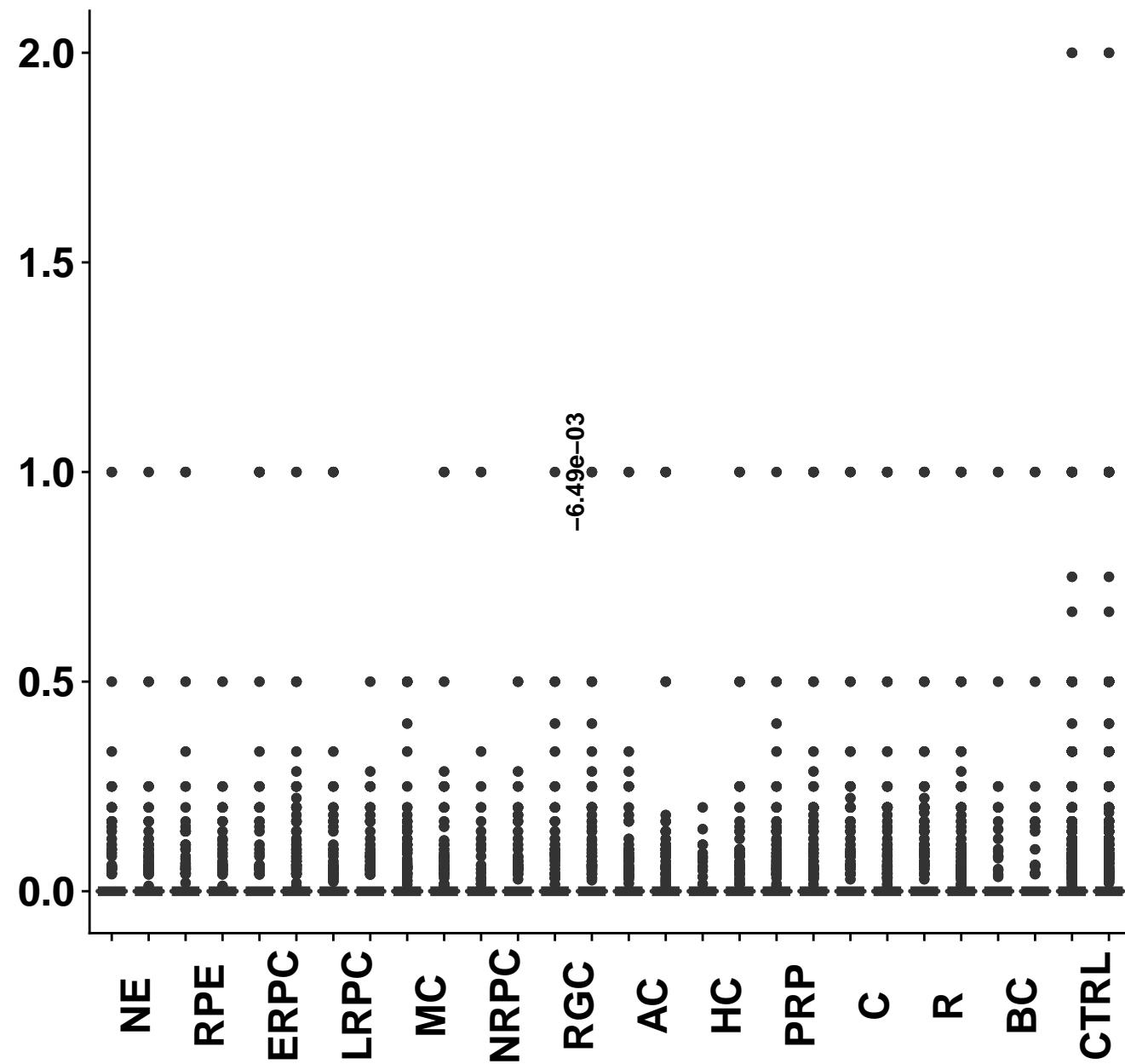
## Egr2\_2\_mean



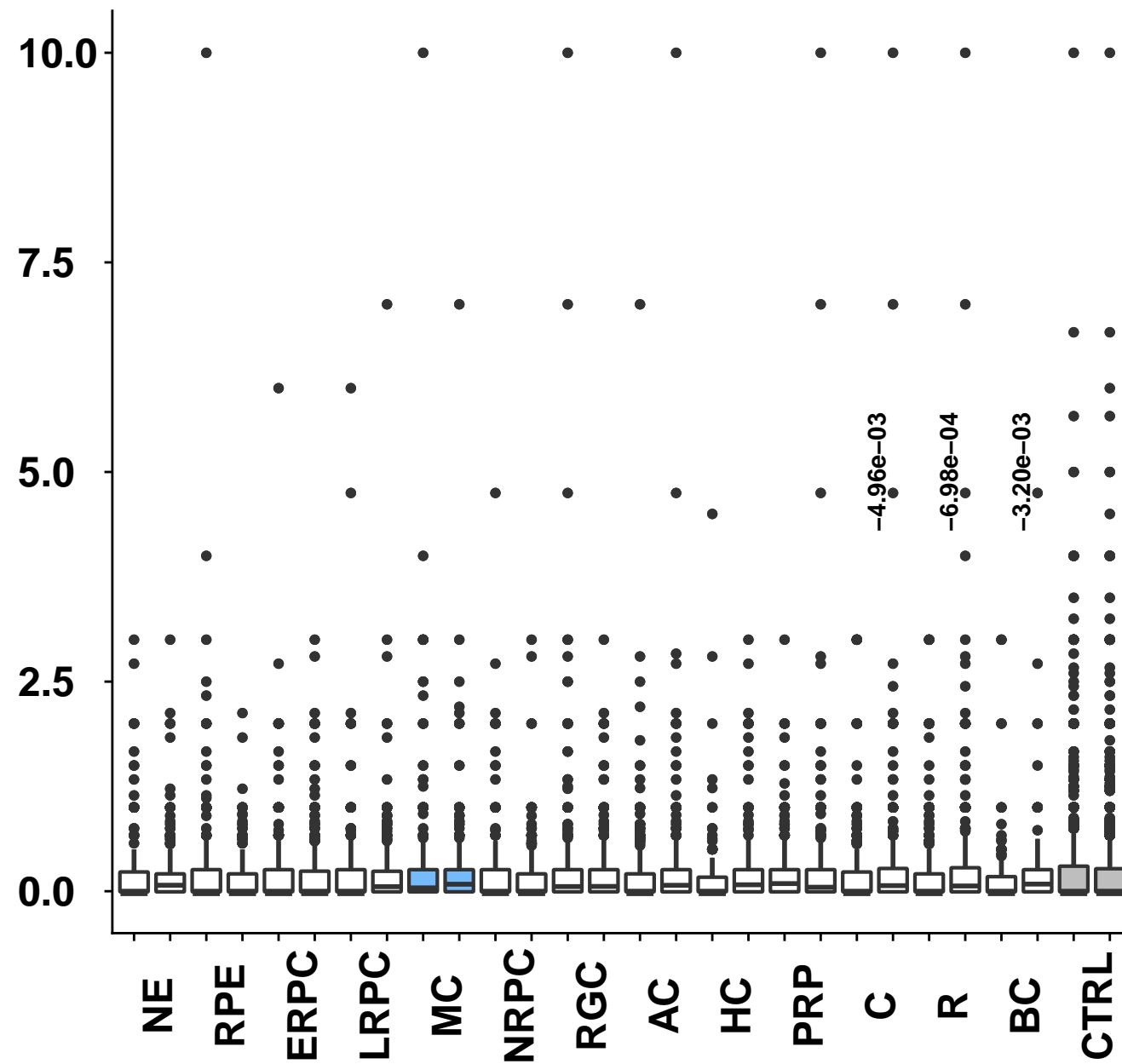
# **Irf1\_1\_mean**



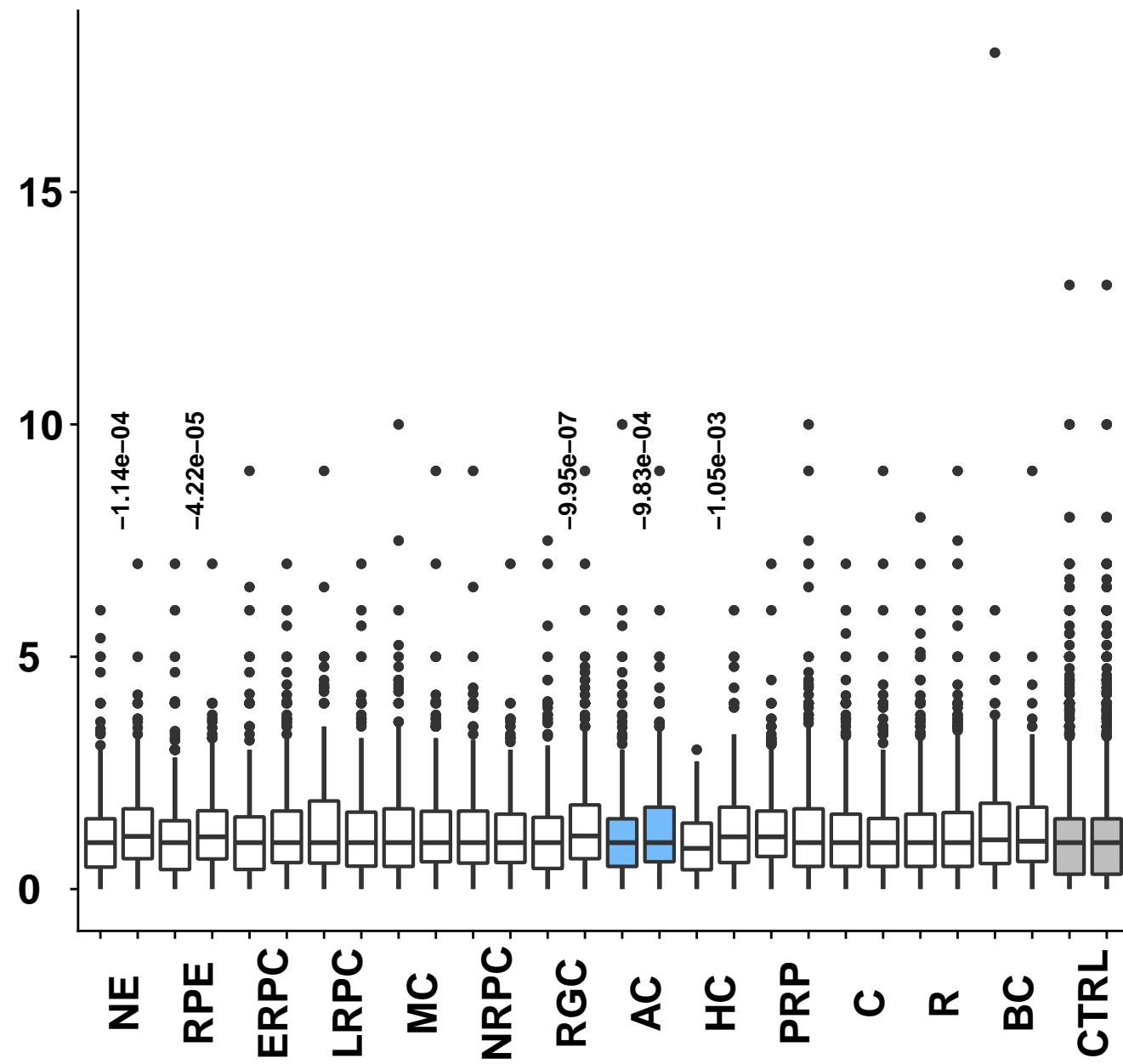
## **Irf1\_2\_mean**

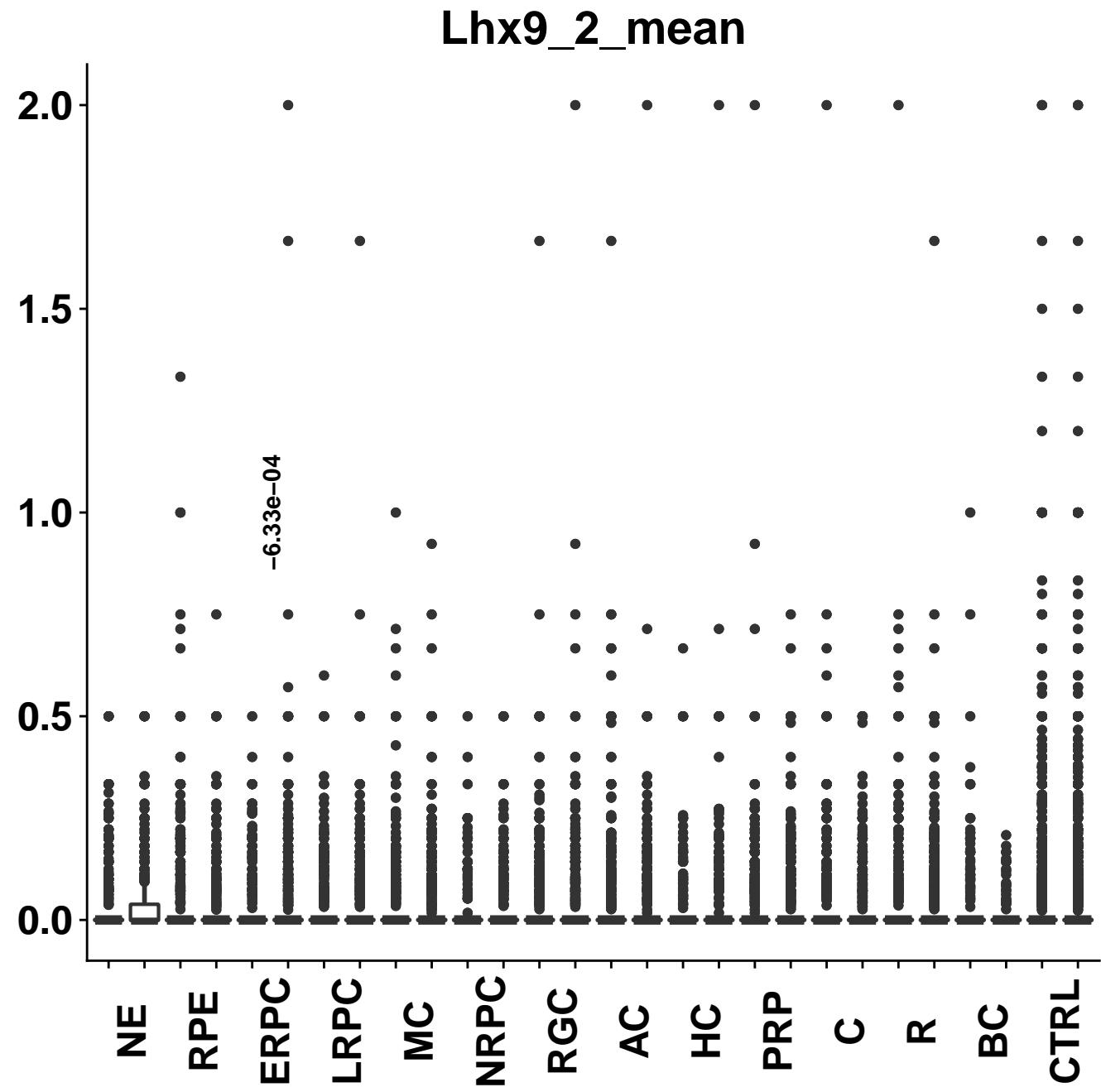


## Klf10\_1\_mean

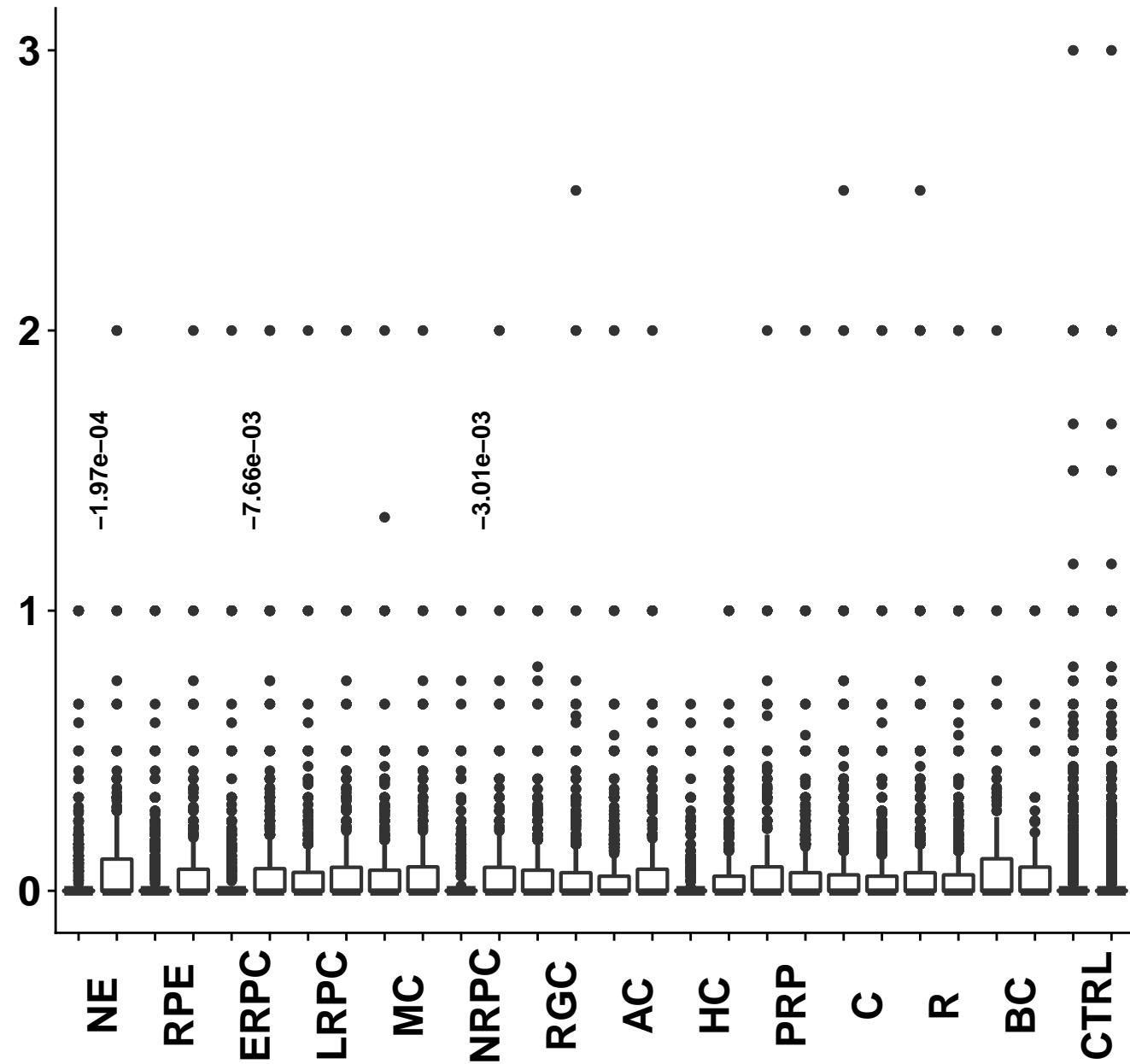


## Lhx9\_1\_mean

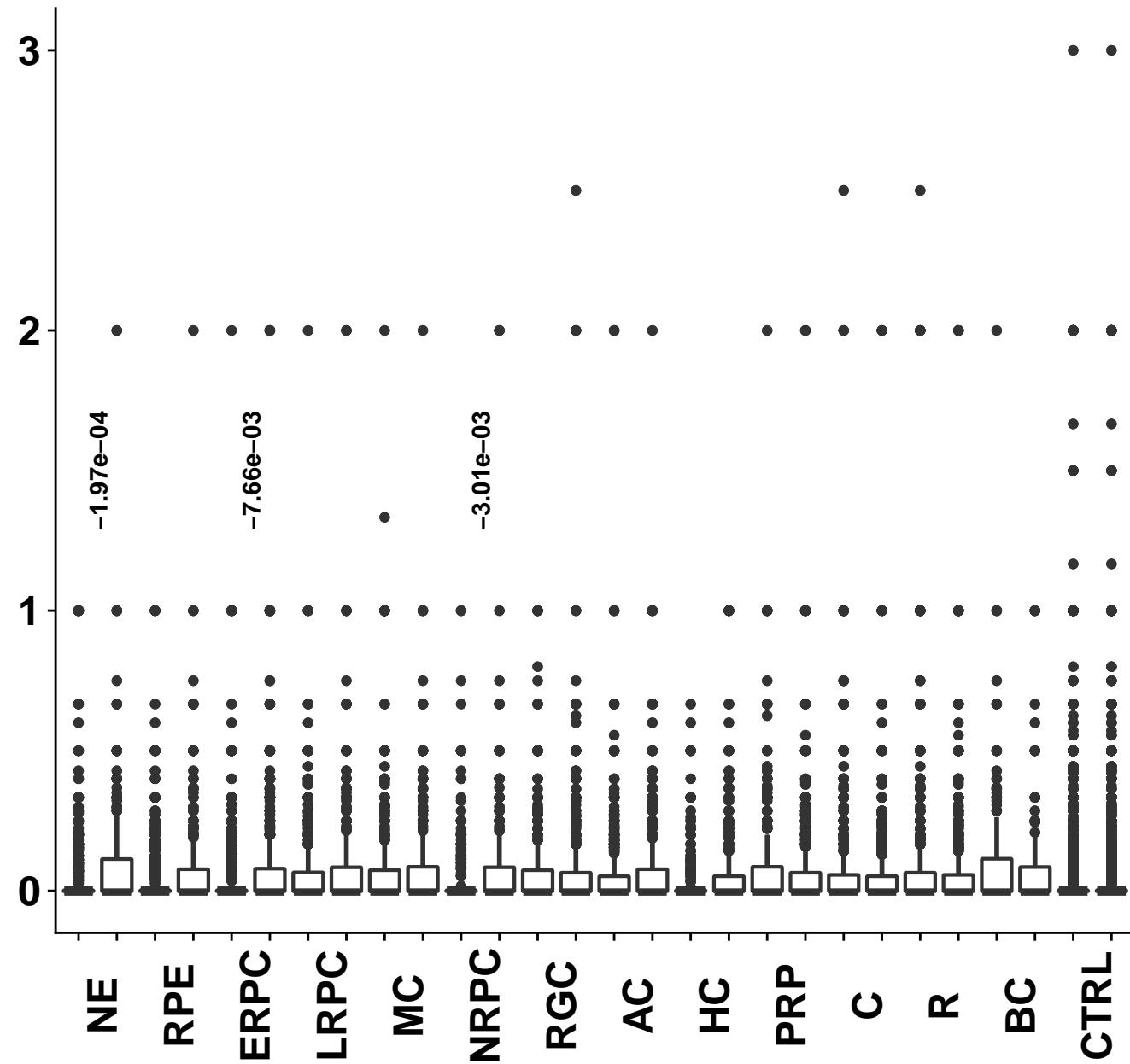




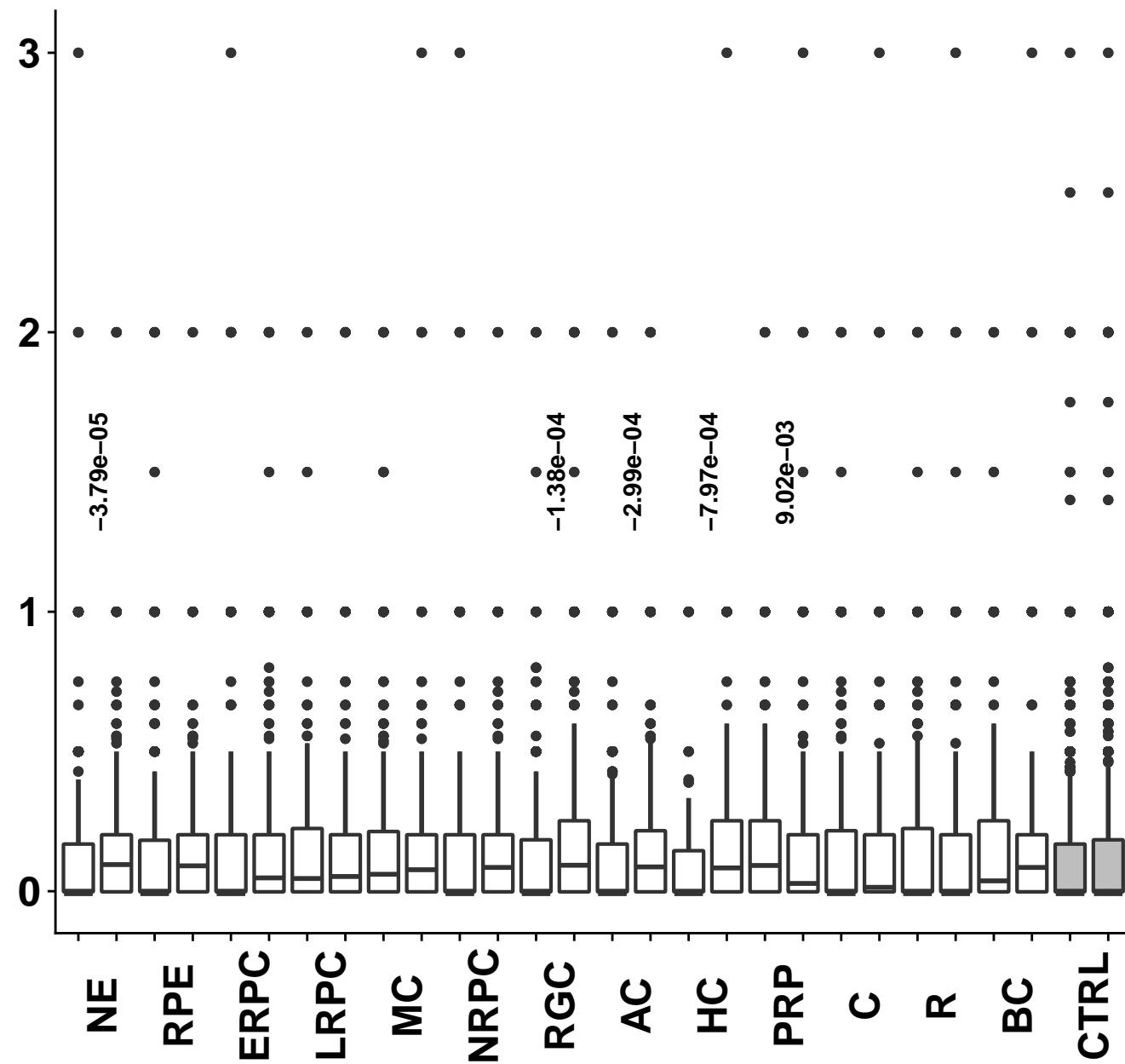
## Arid5a\_1\_mean



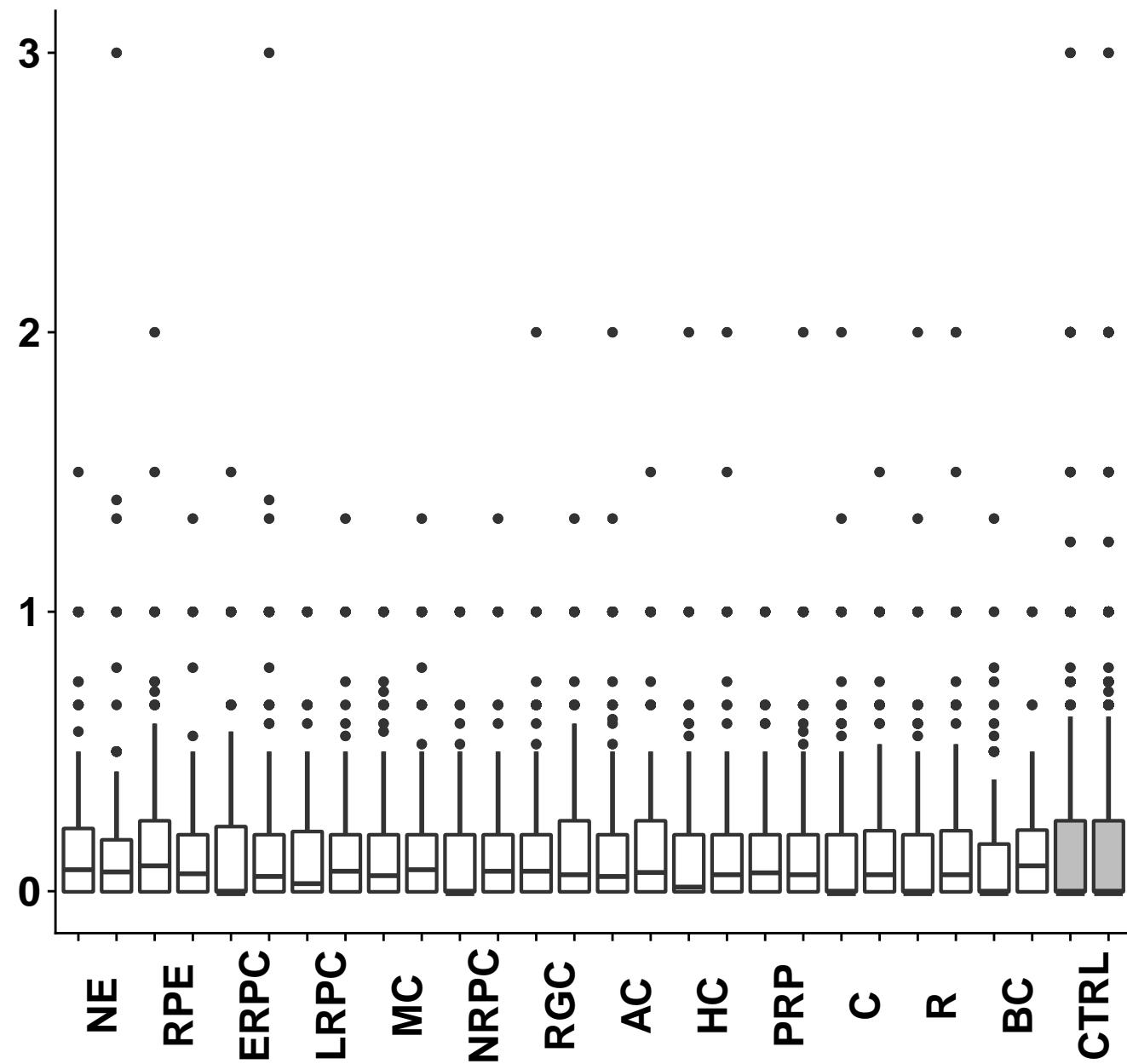
## Arid5a\_2\_mean



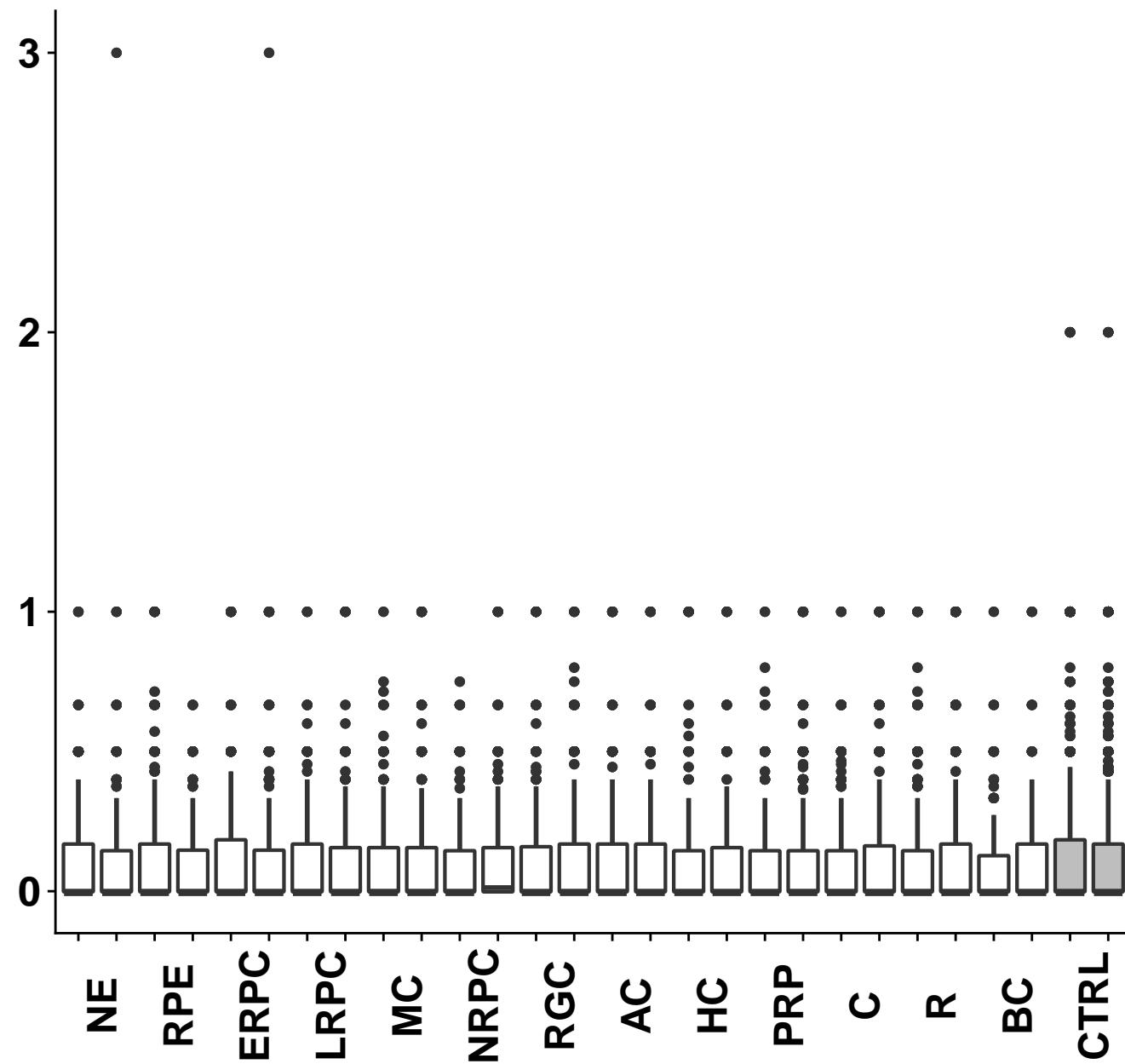
### Arid5a\_3\_mean



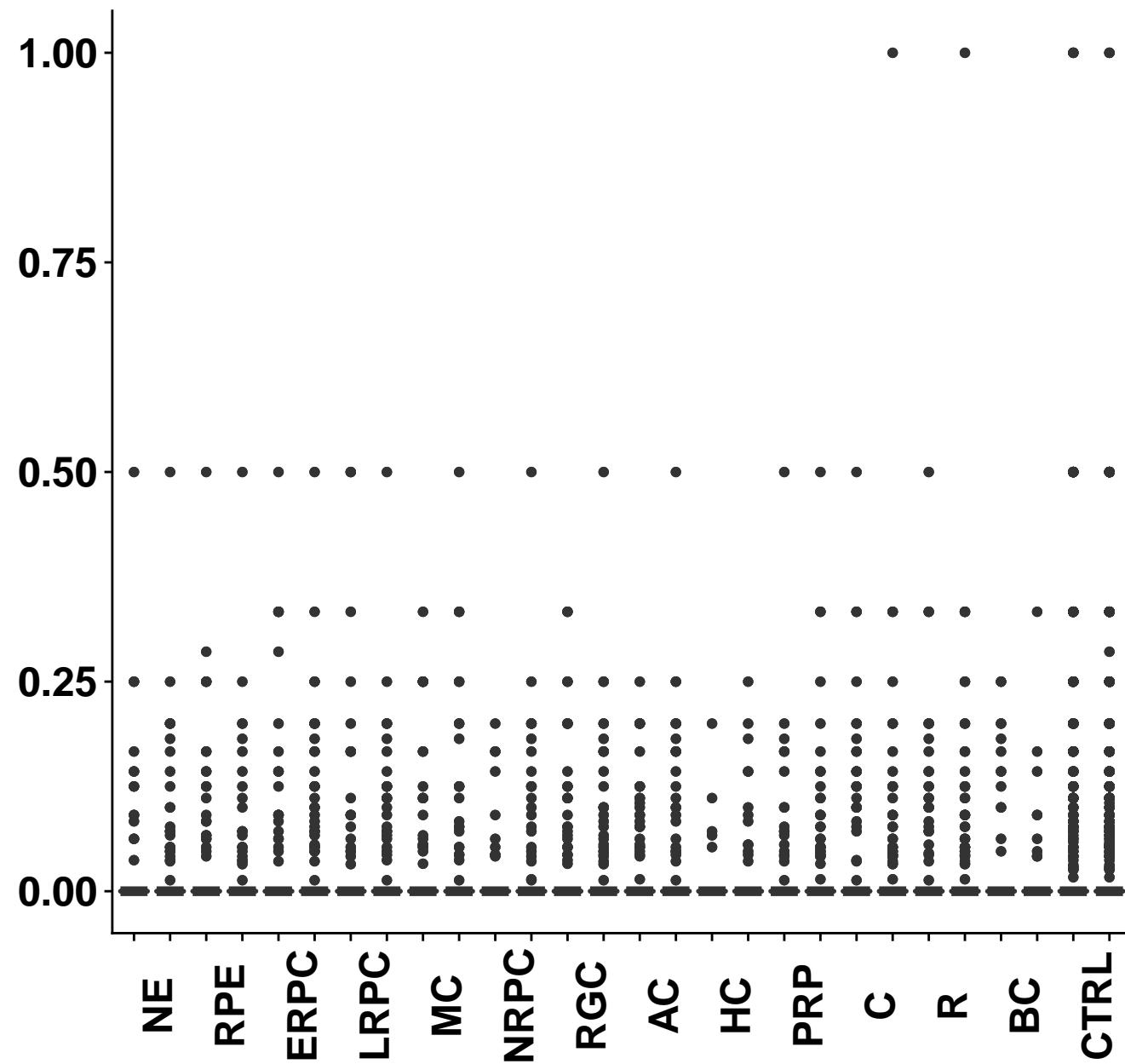
## Ctcf\_1\_mean



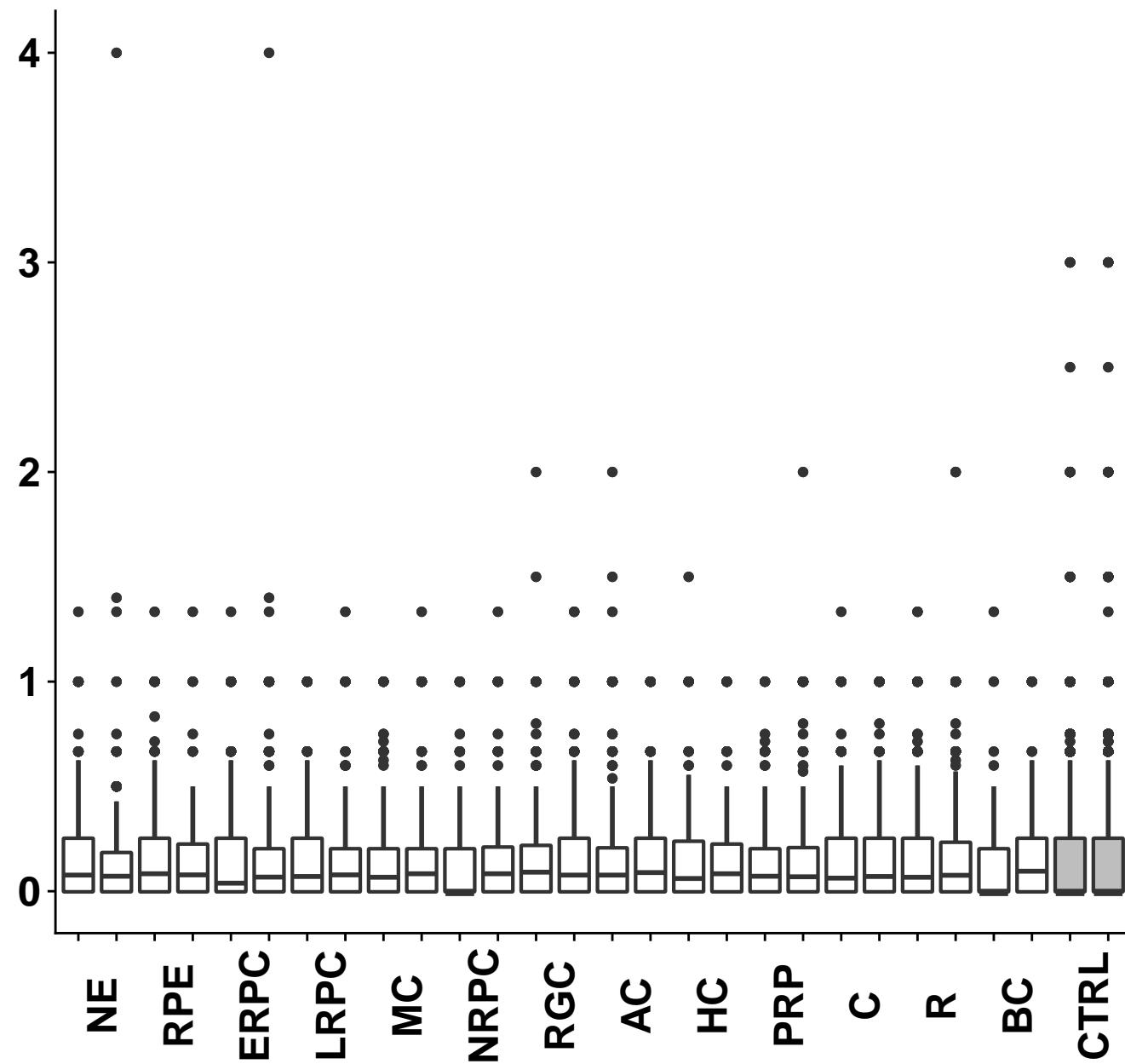
## Ctcf\_2\_mean



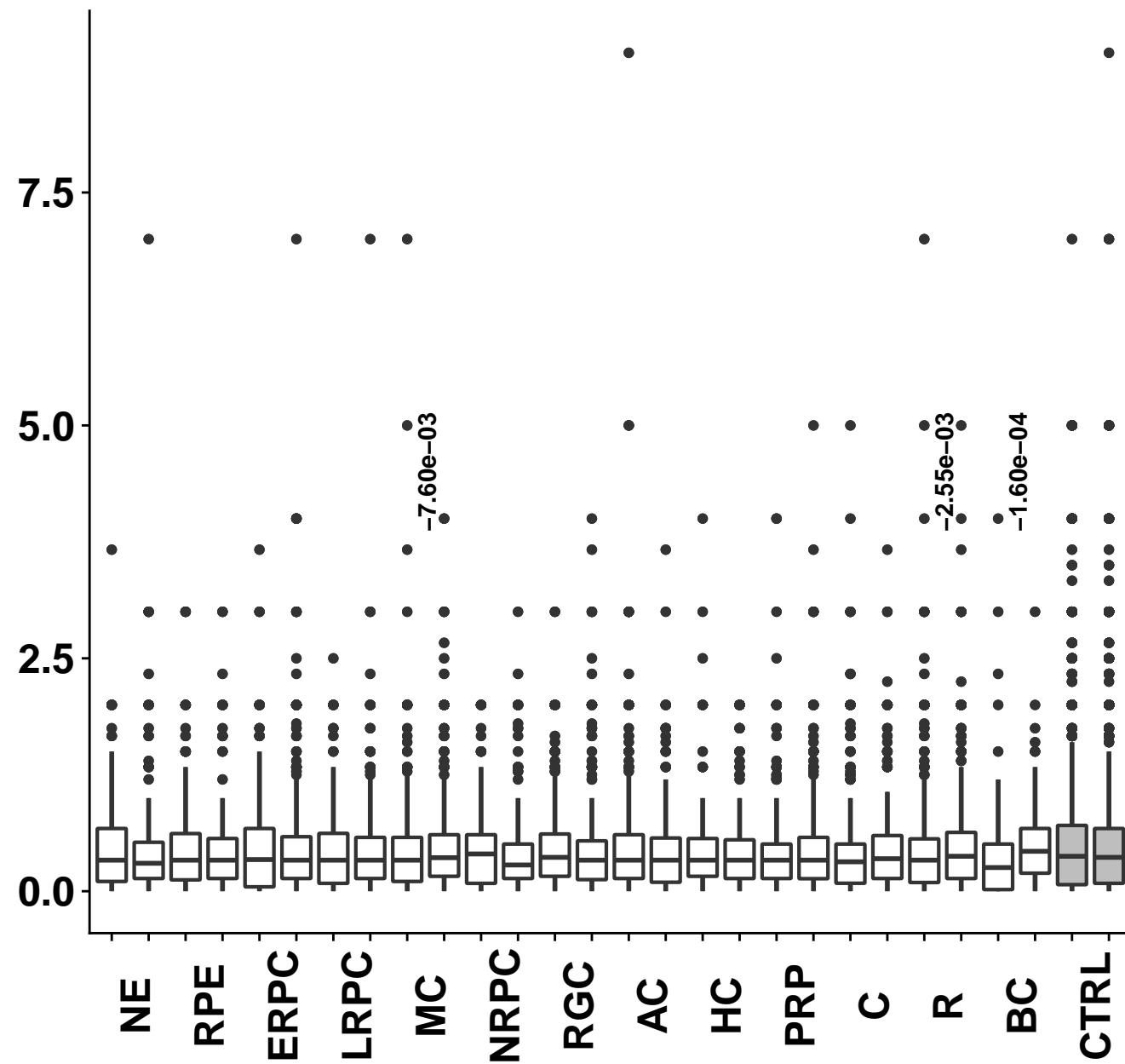
### Ctcf\_3\_mean



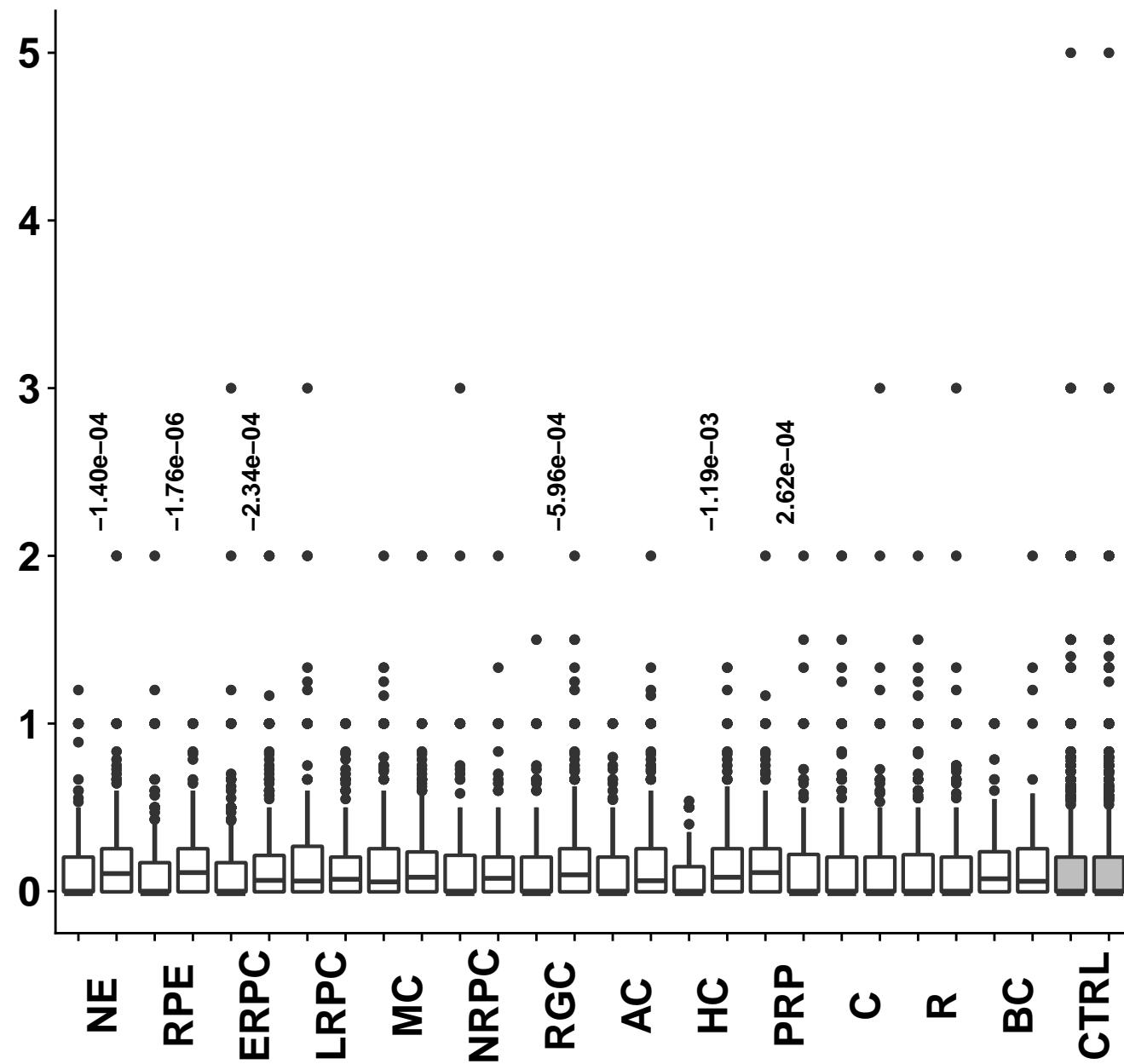
## Ctcf\_4\_mean



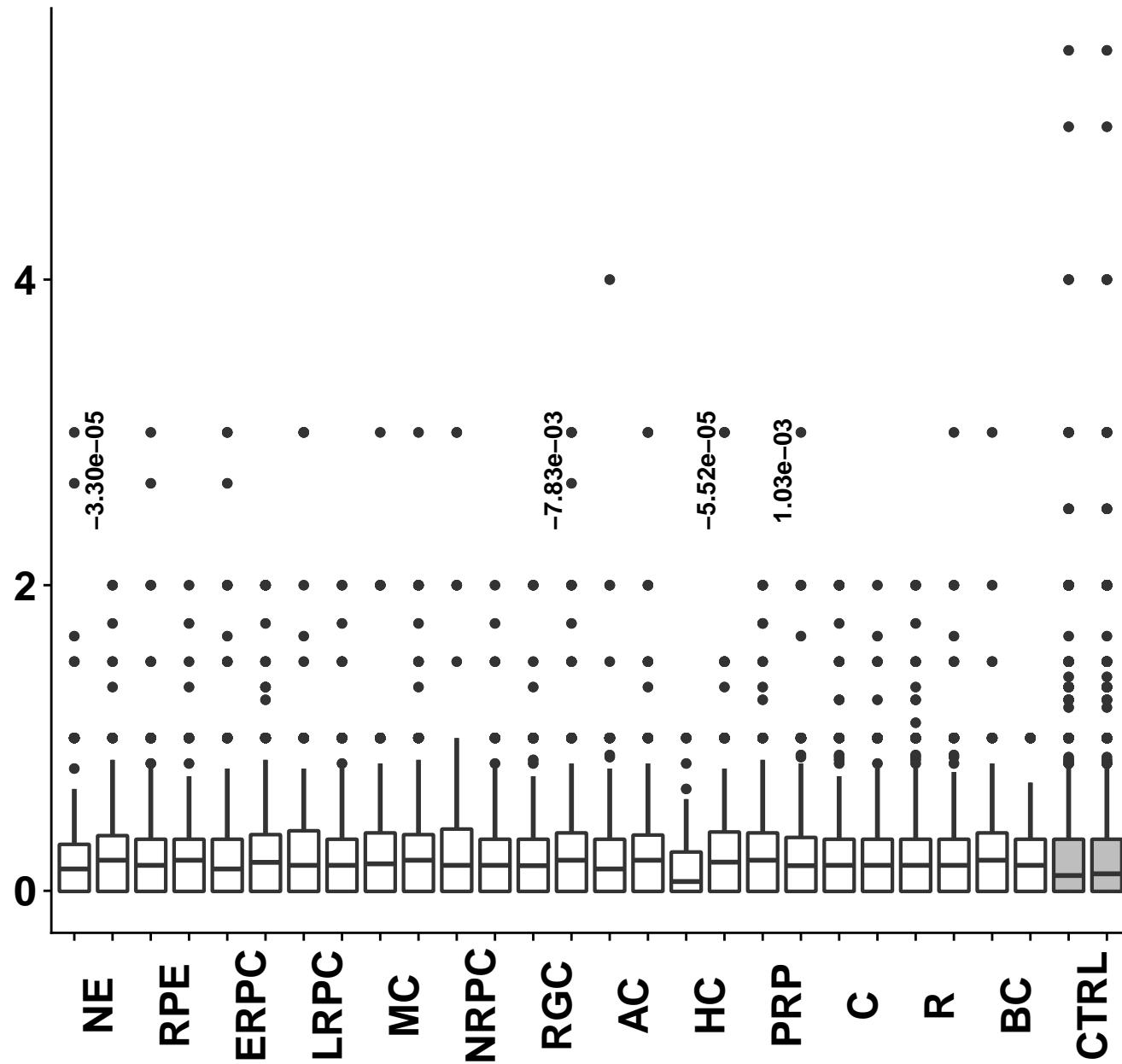
## Ctcf\_5\_mean



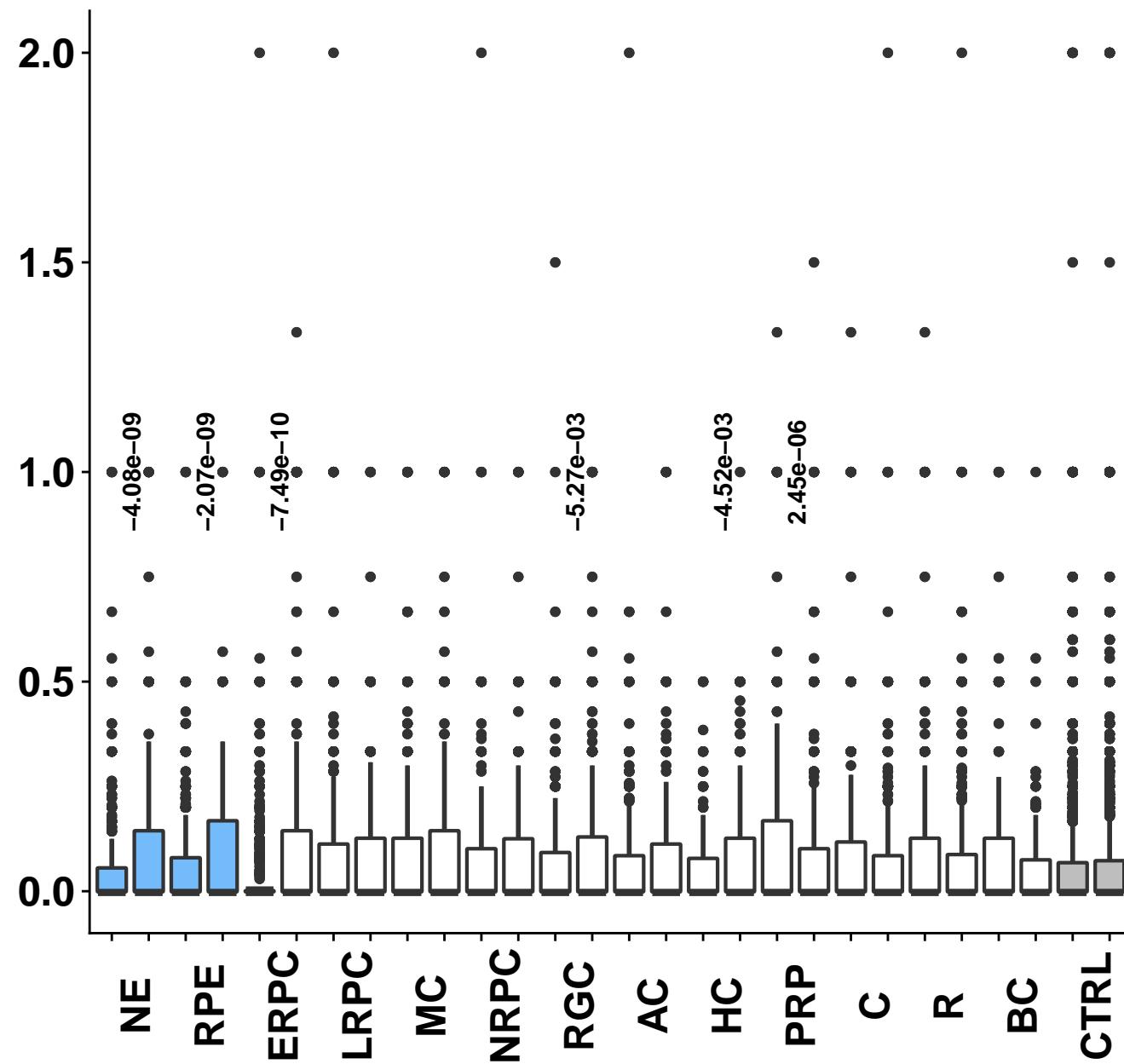
## Foxj1\_1\_mean

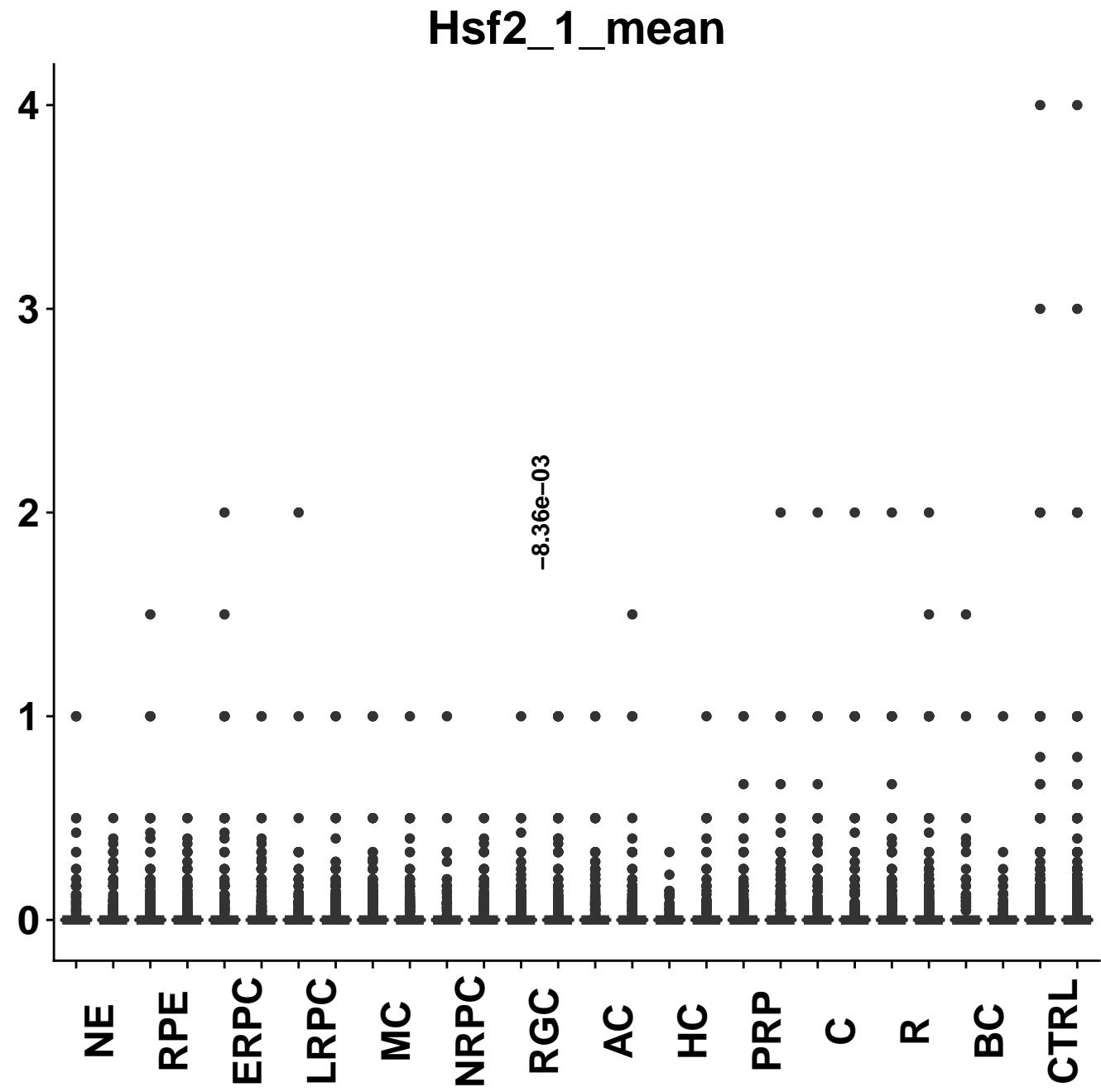


## Foxj1\_2\_mean

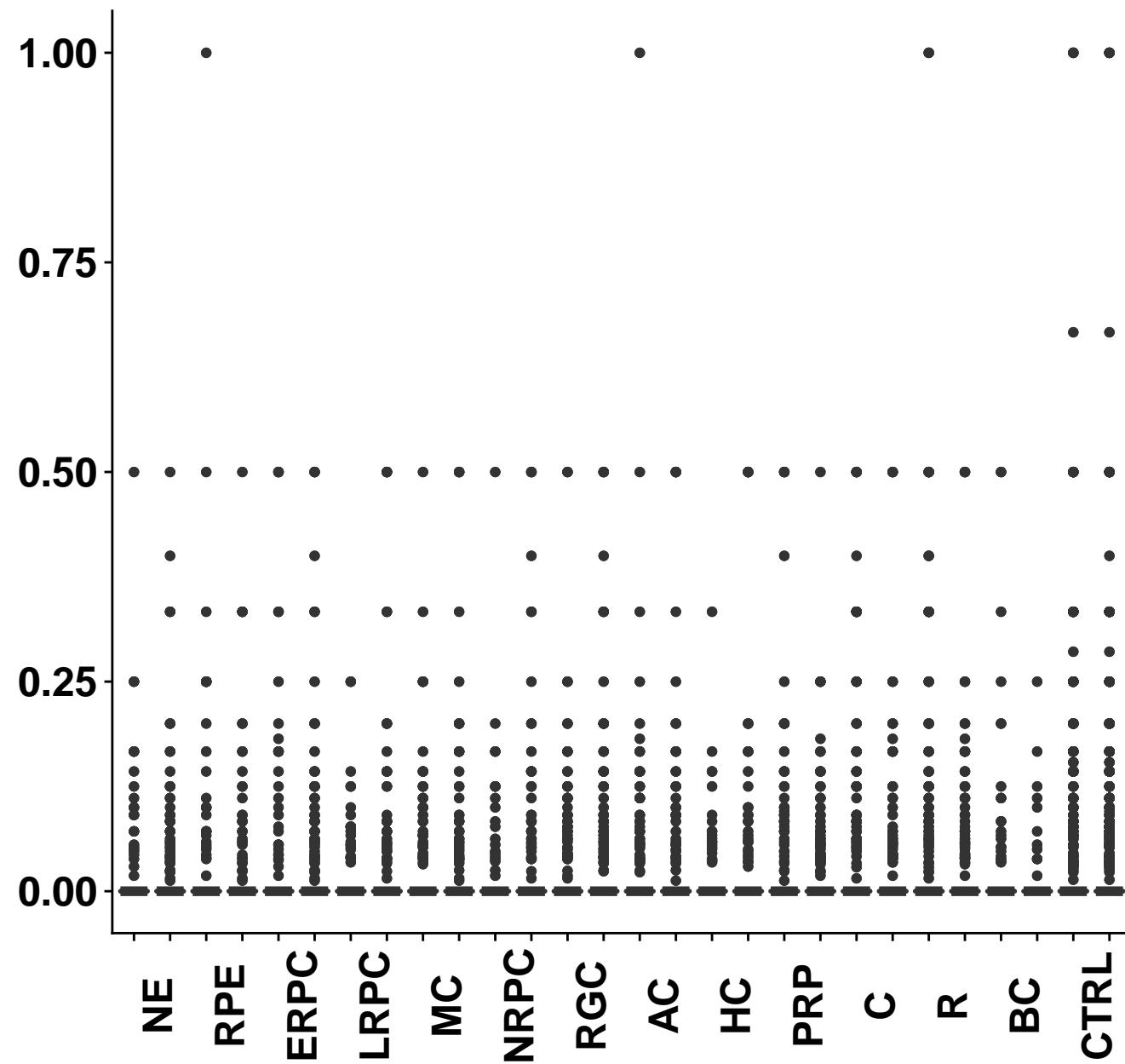


## Foxp2\_1\_mean

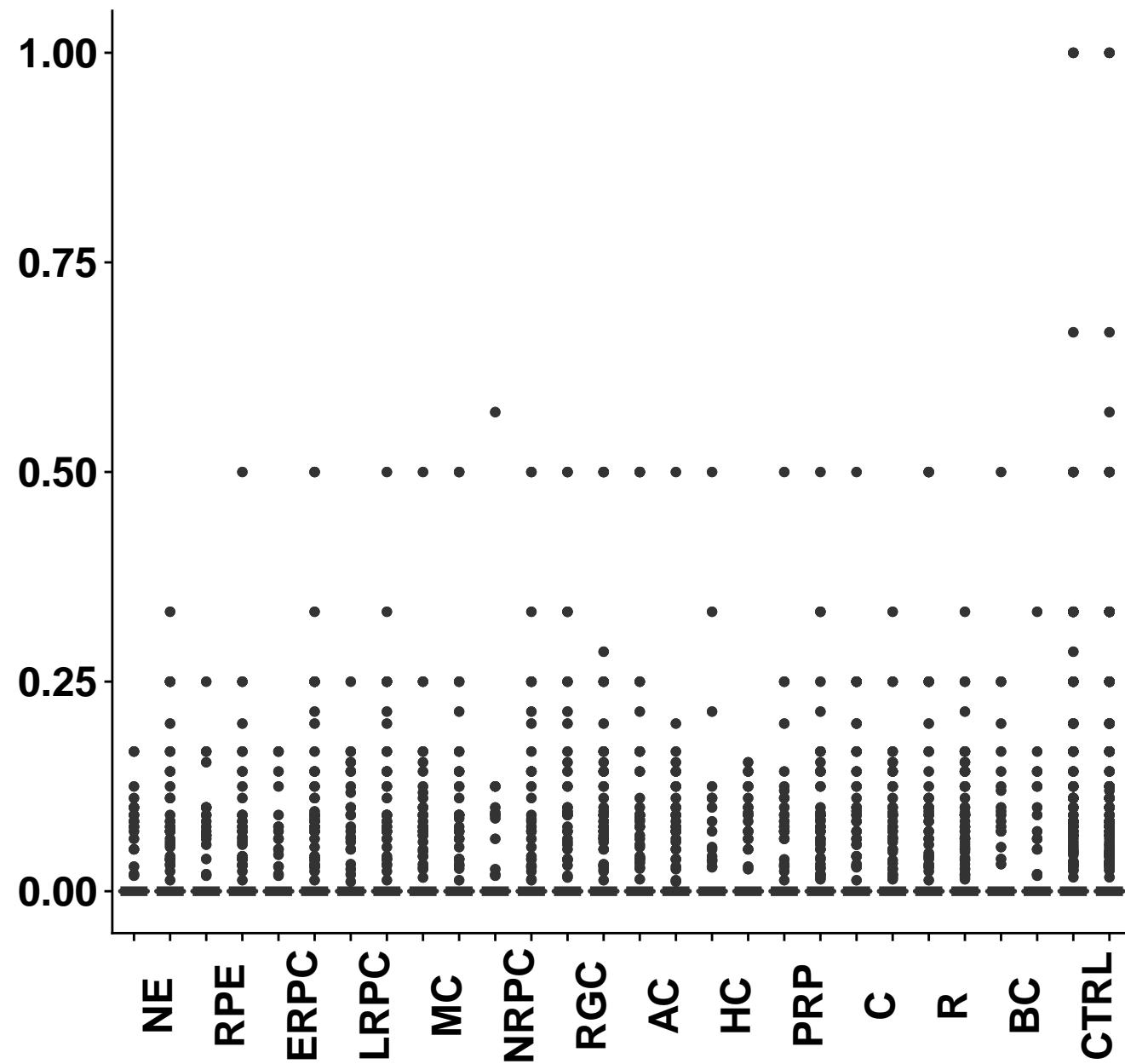




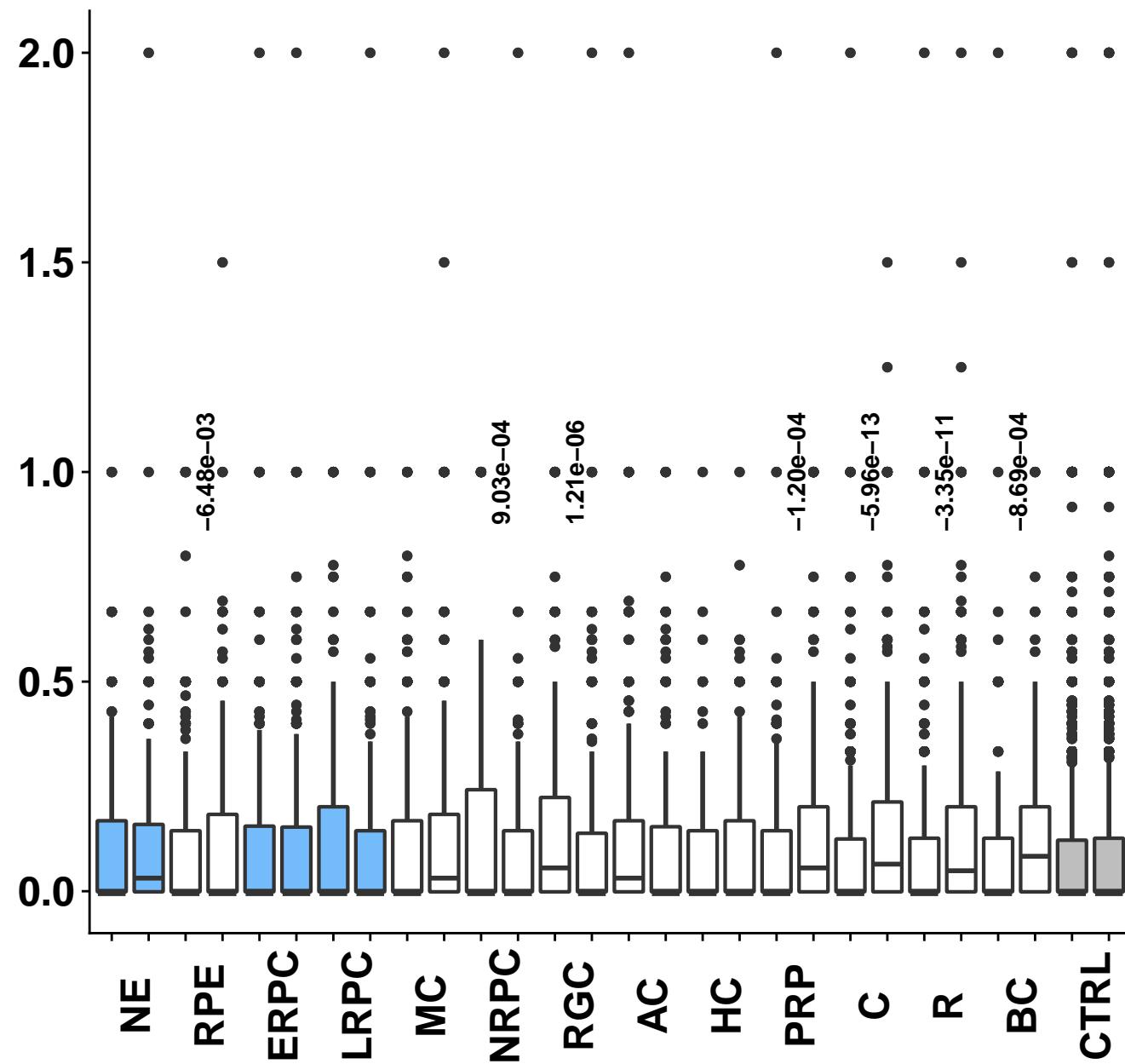
## Mecom\_1\_mean



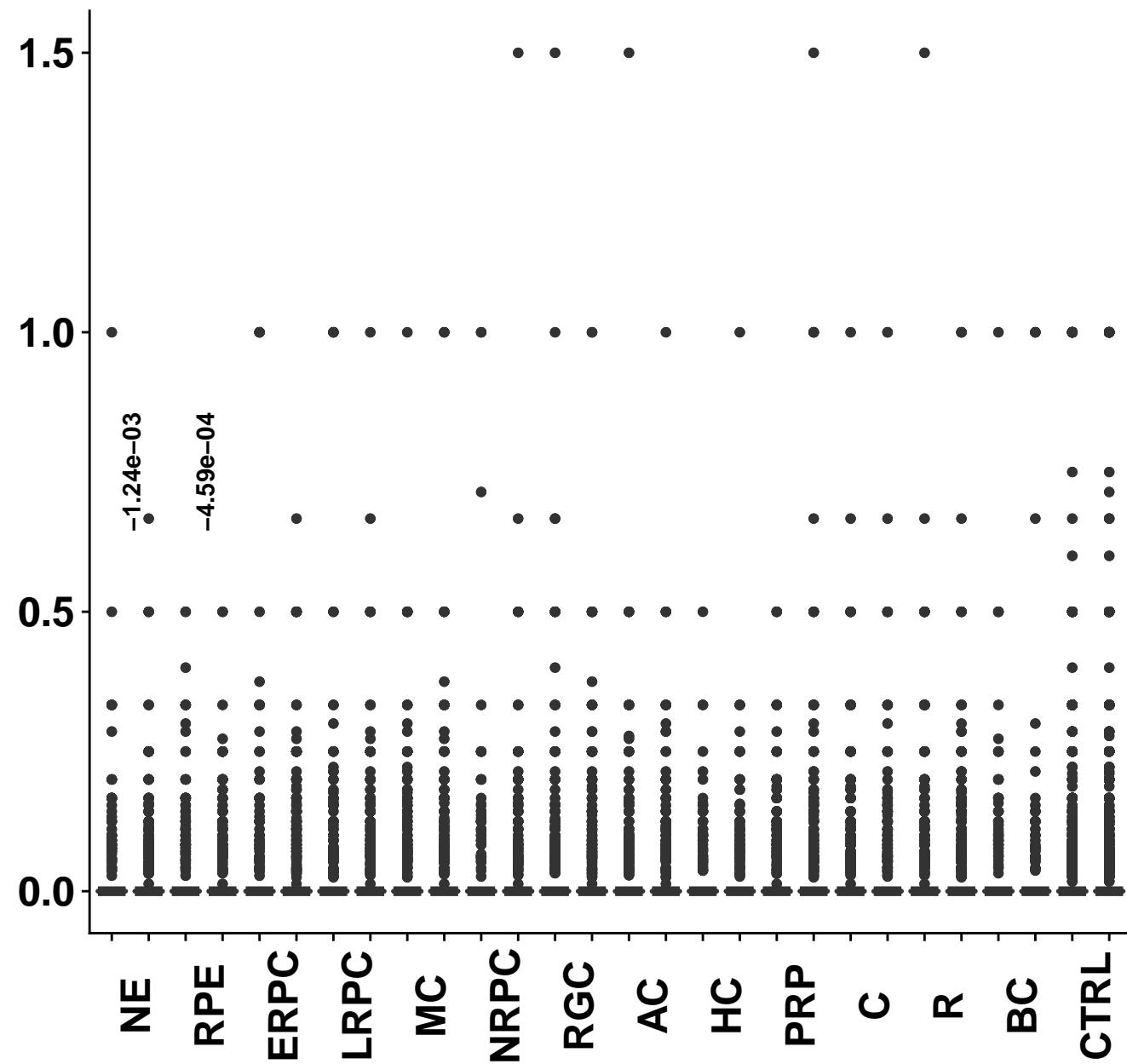
## **Sox2\_1\_mean**



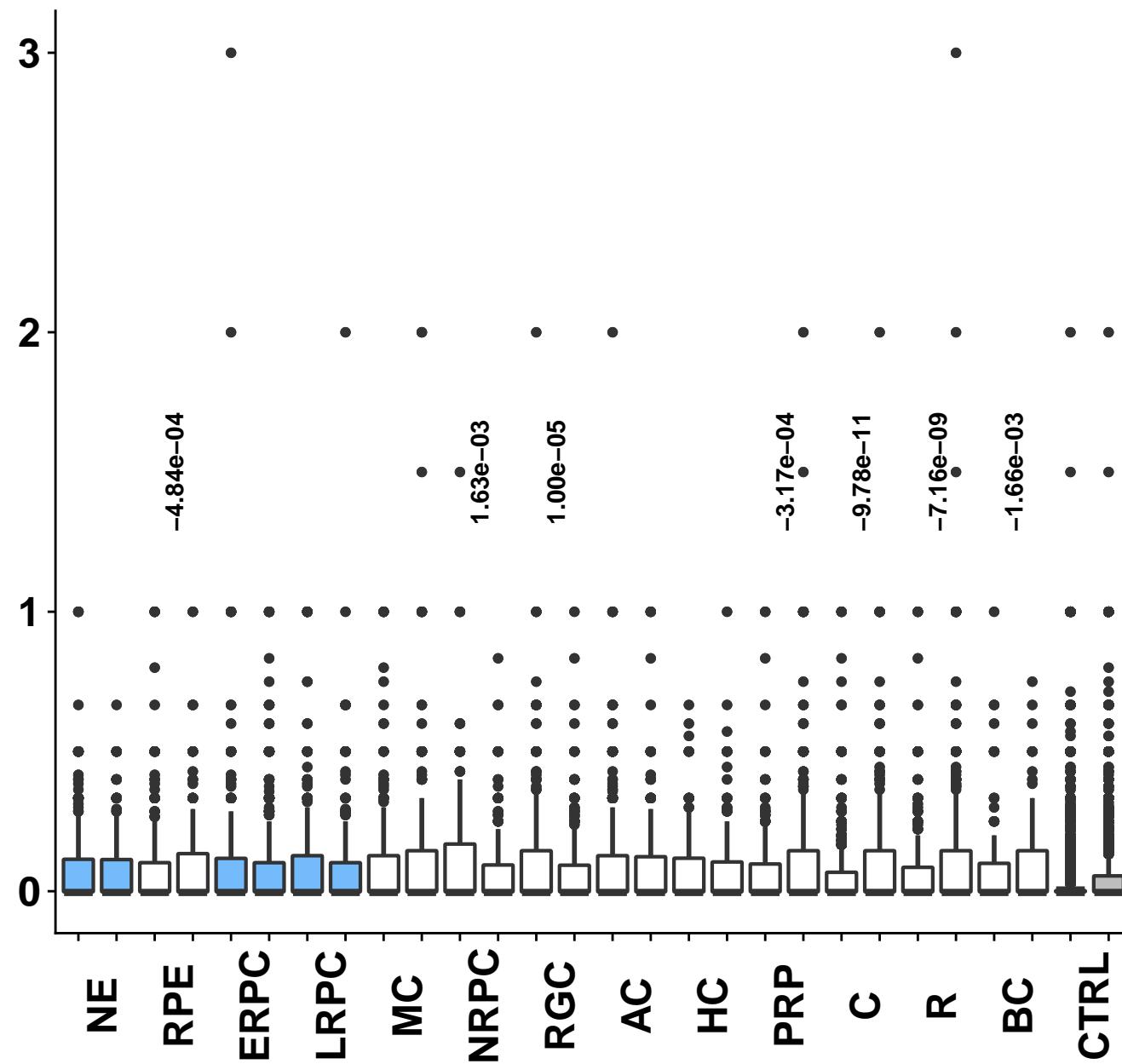
## **Sox2\_2\_mean**



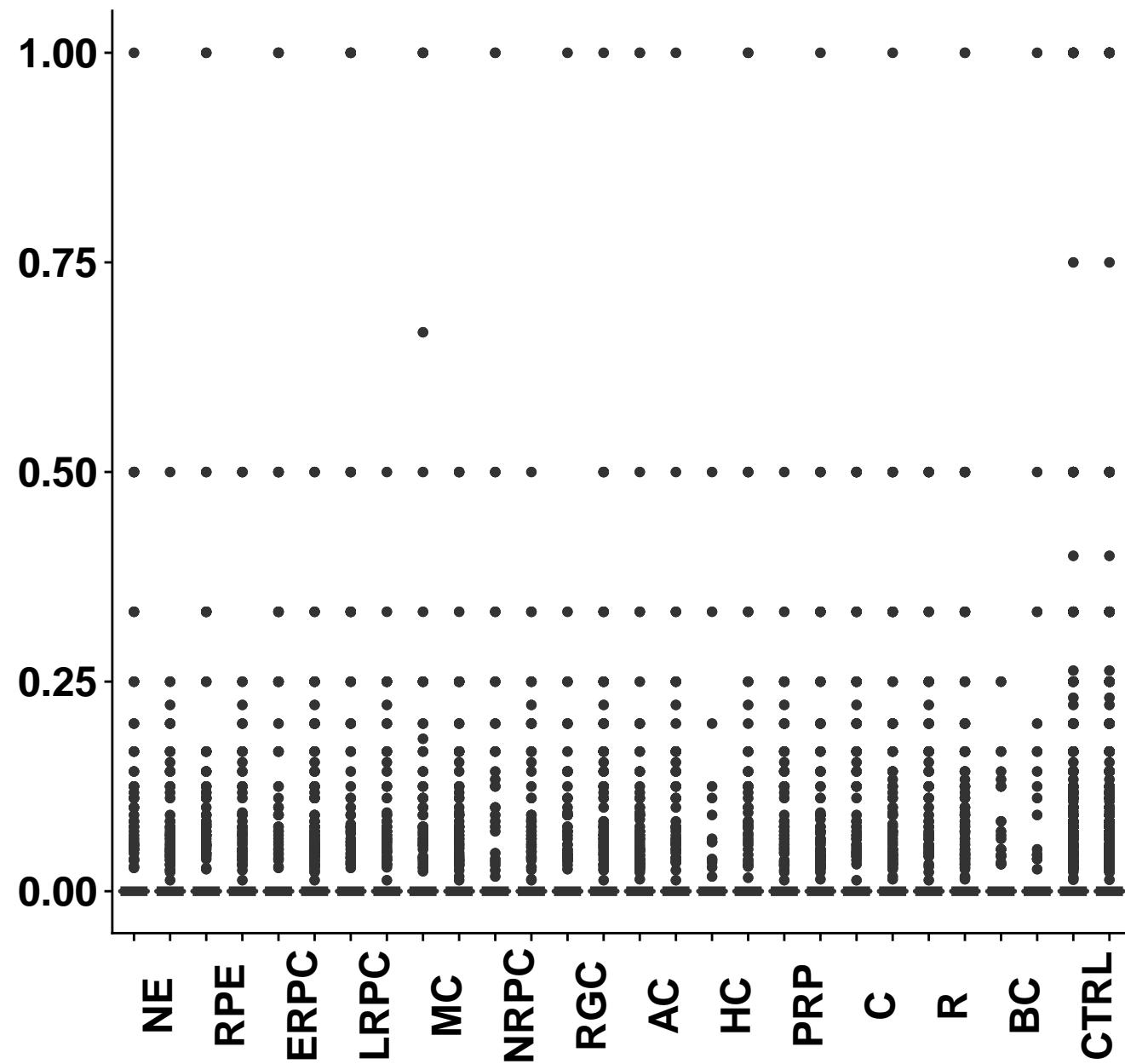
### **Sox2\_3\_mean**



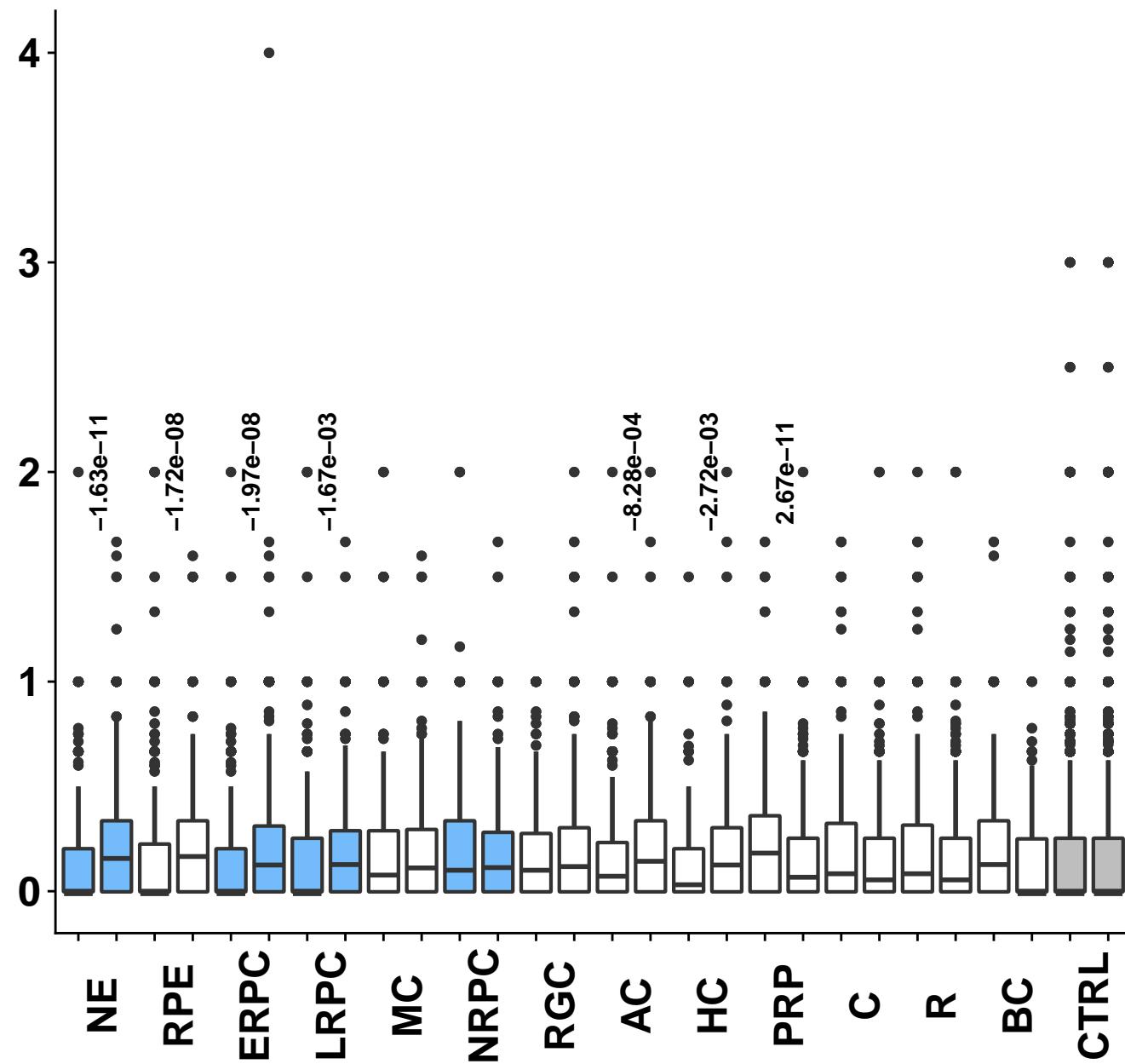
## Sox2\_4\_mean



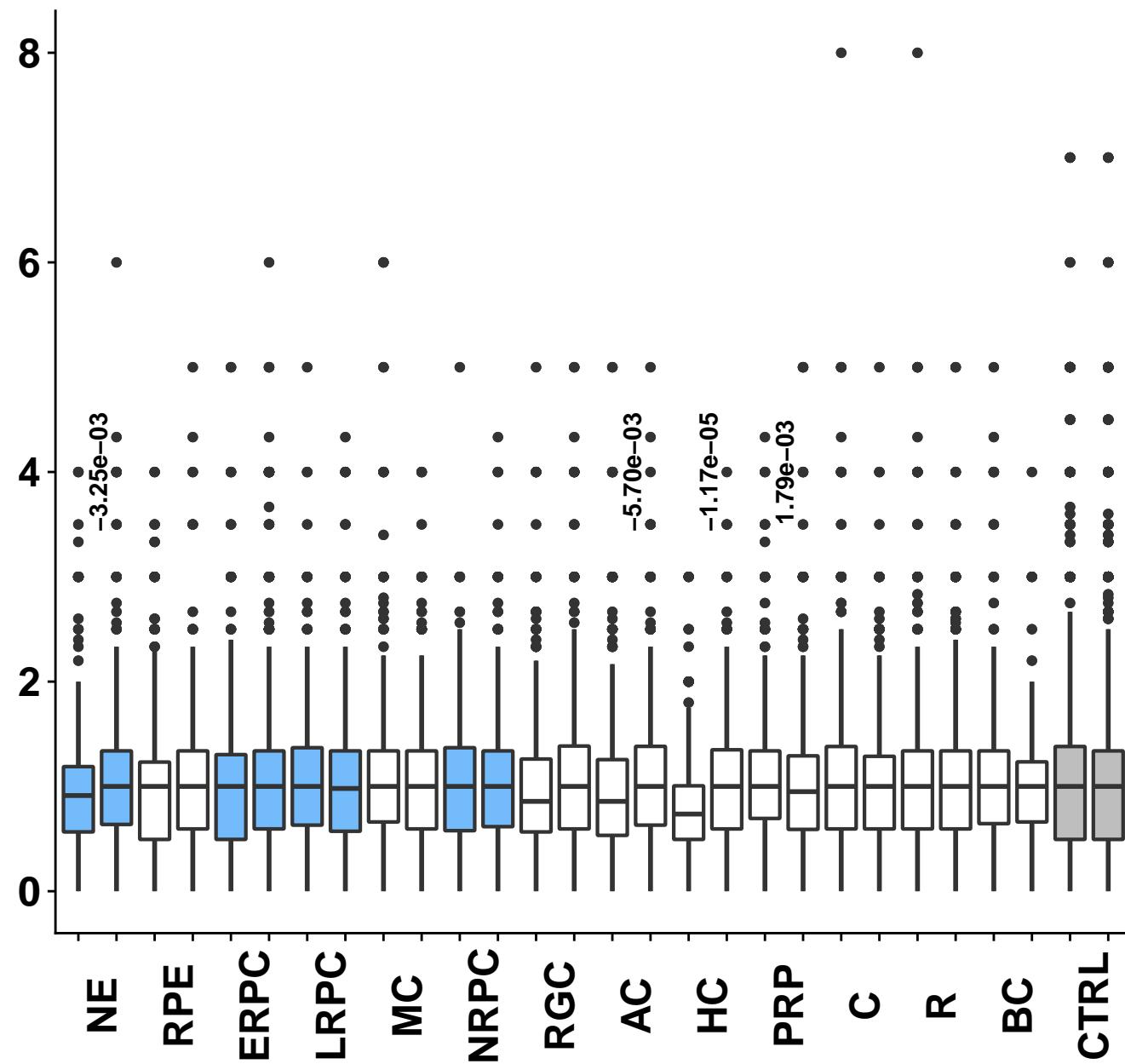
### Tcf3\_1\_mean



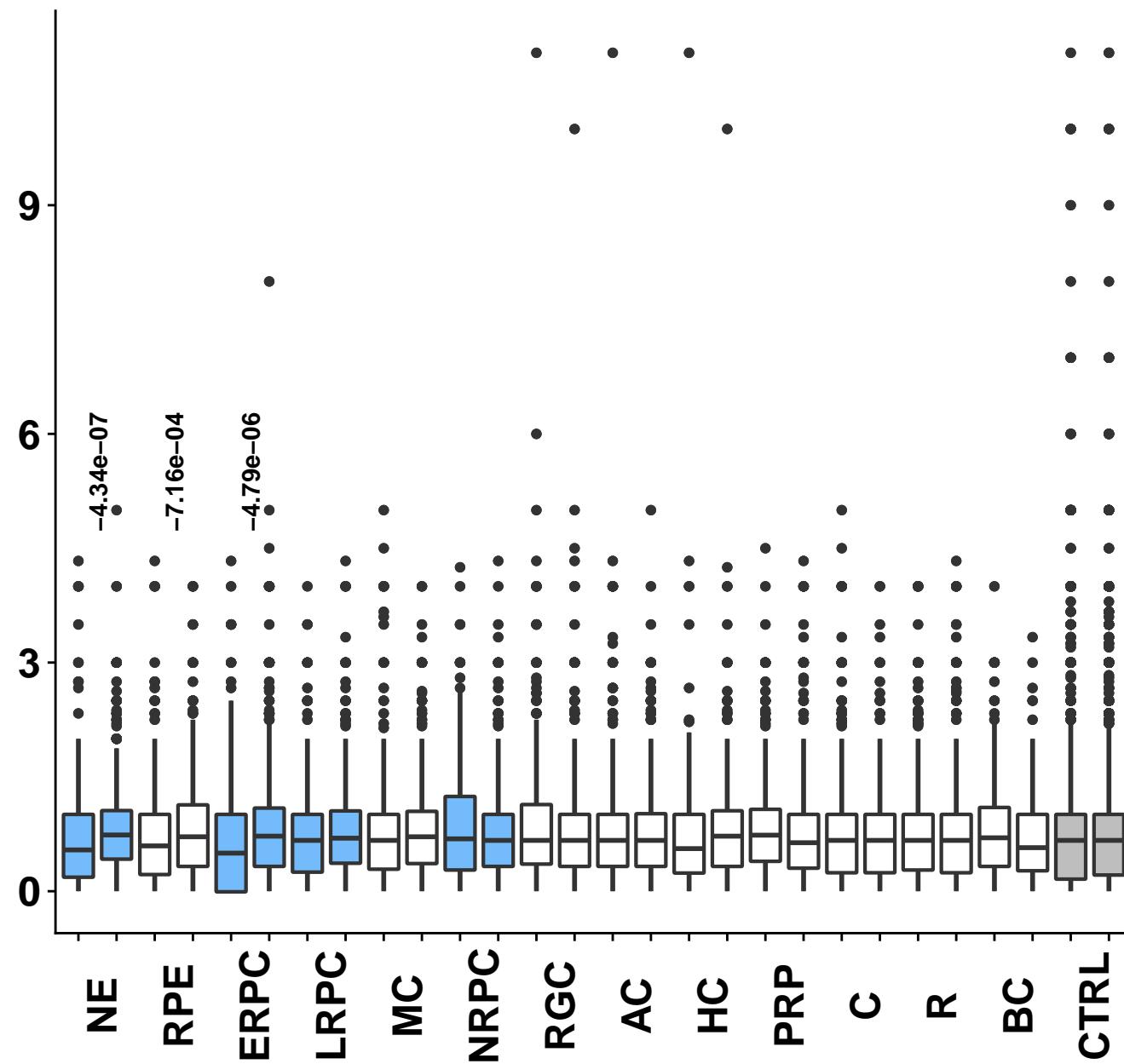
## Tcf3\_2\_mean



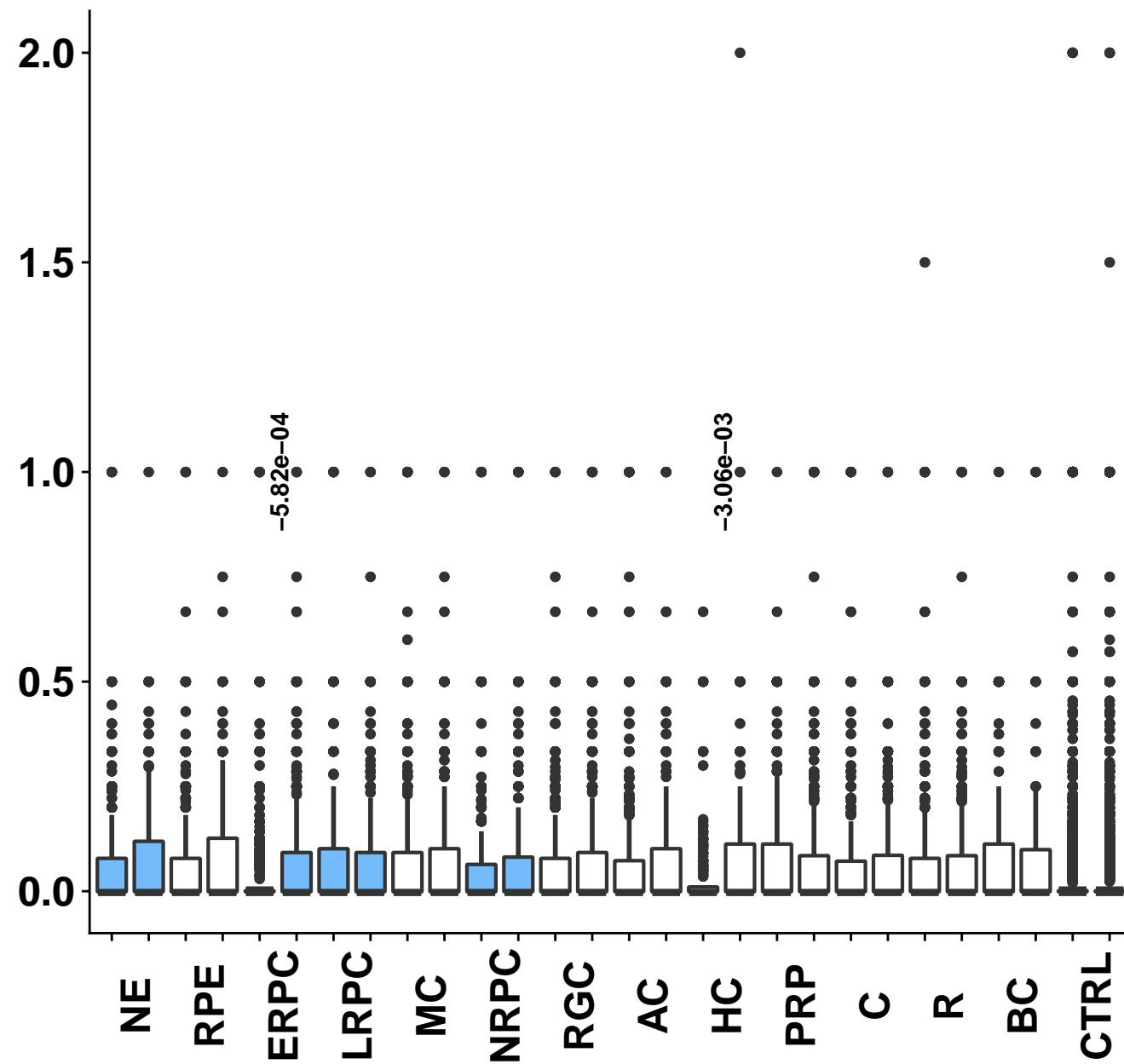
### Tcf3\_3\_mean

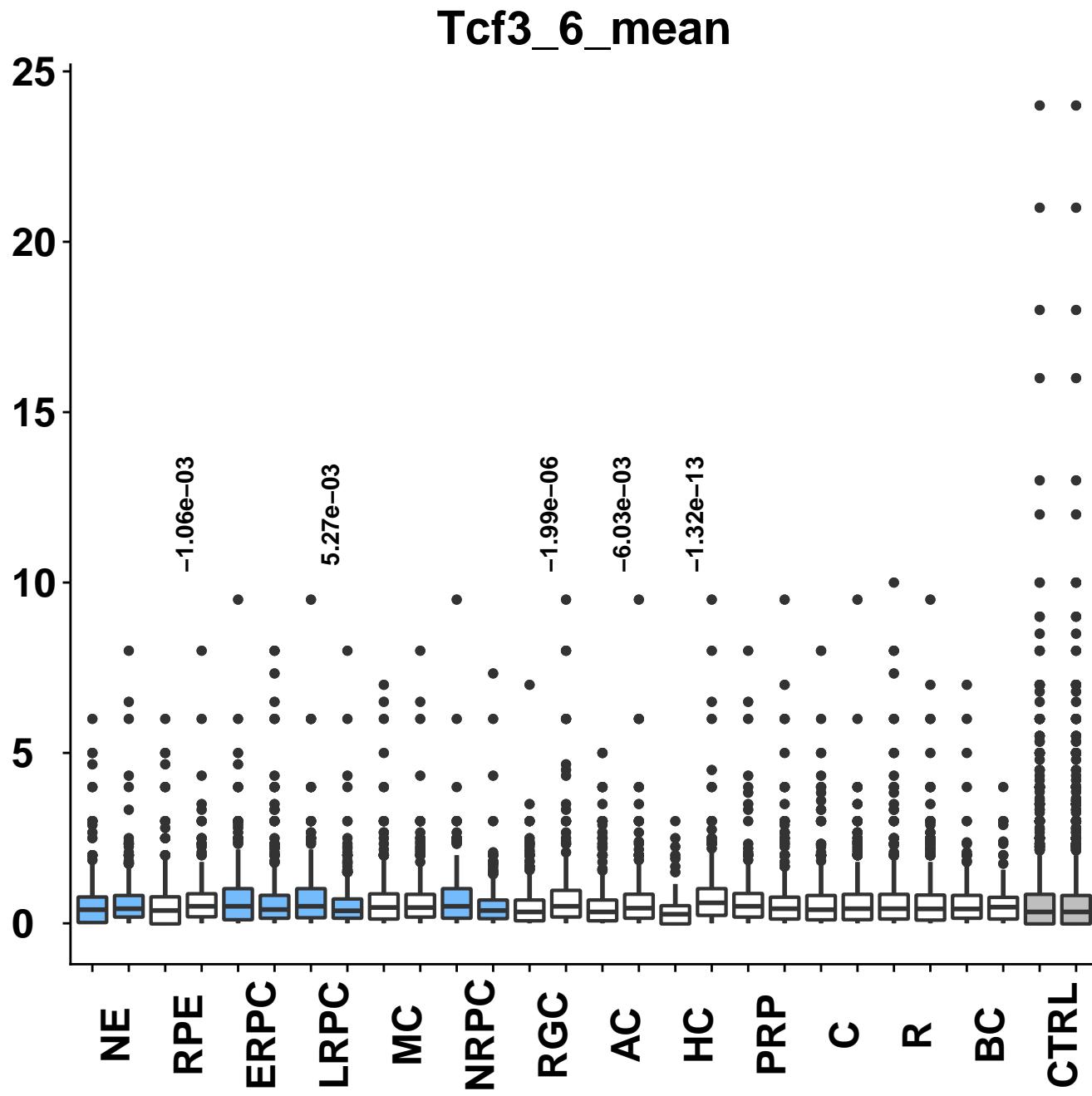


## Tcf3\_4\_mean

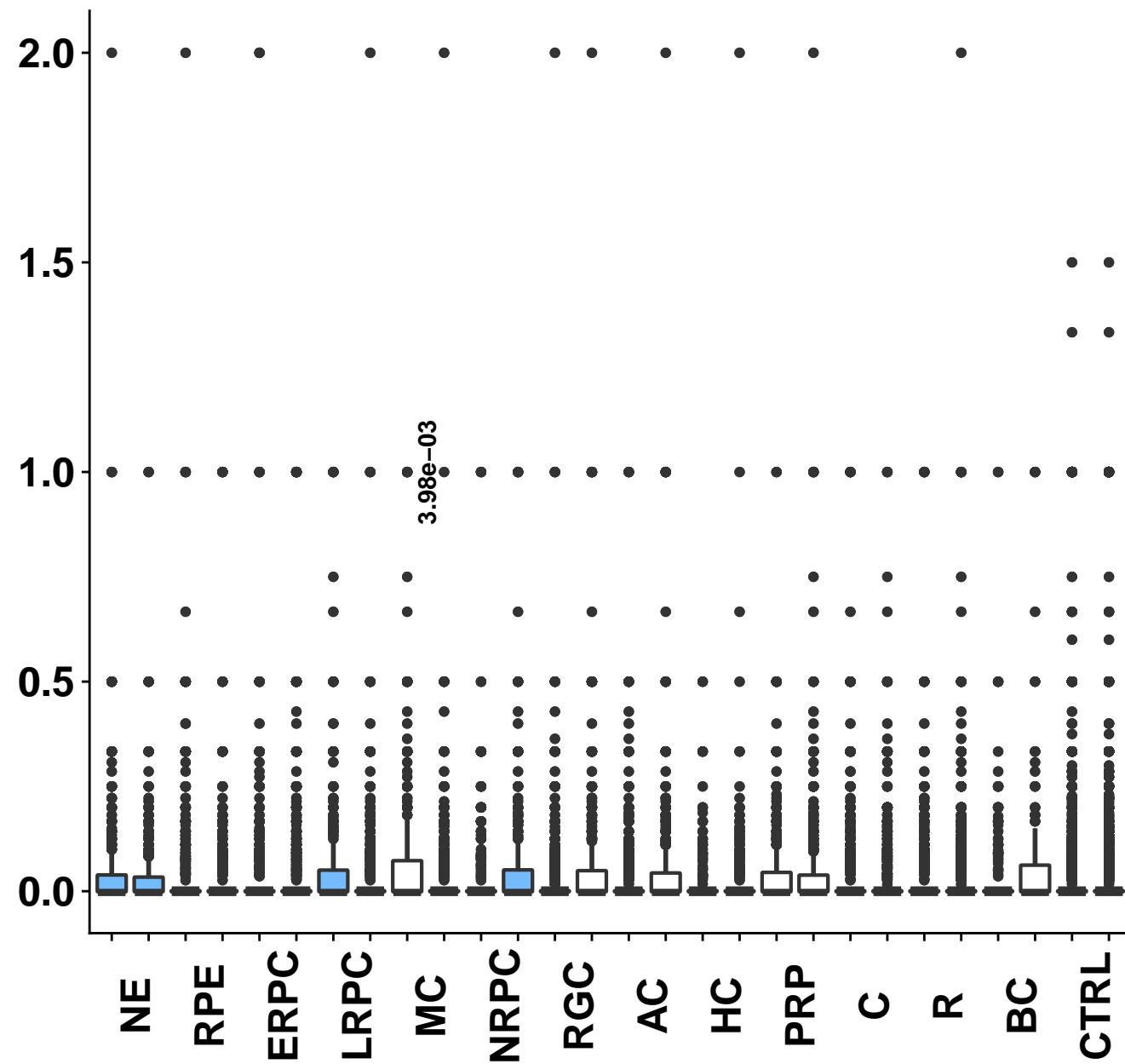


## Tcf3\_5\_mean

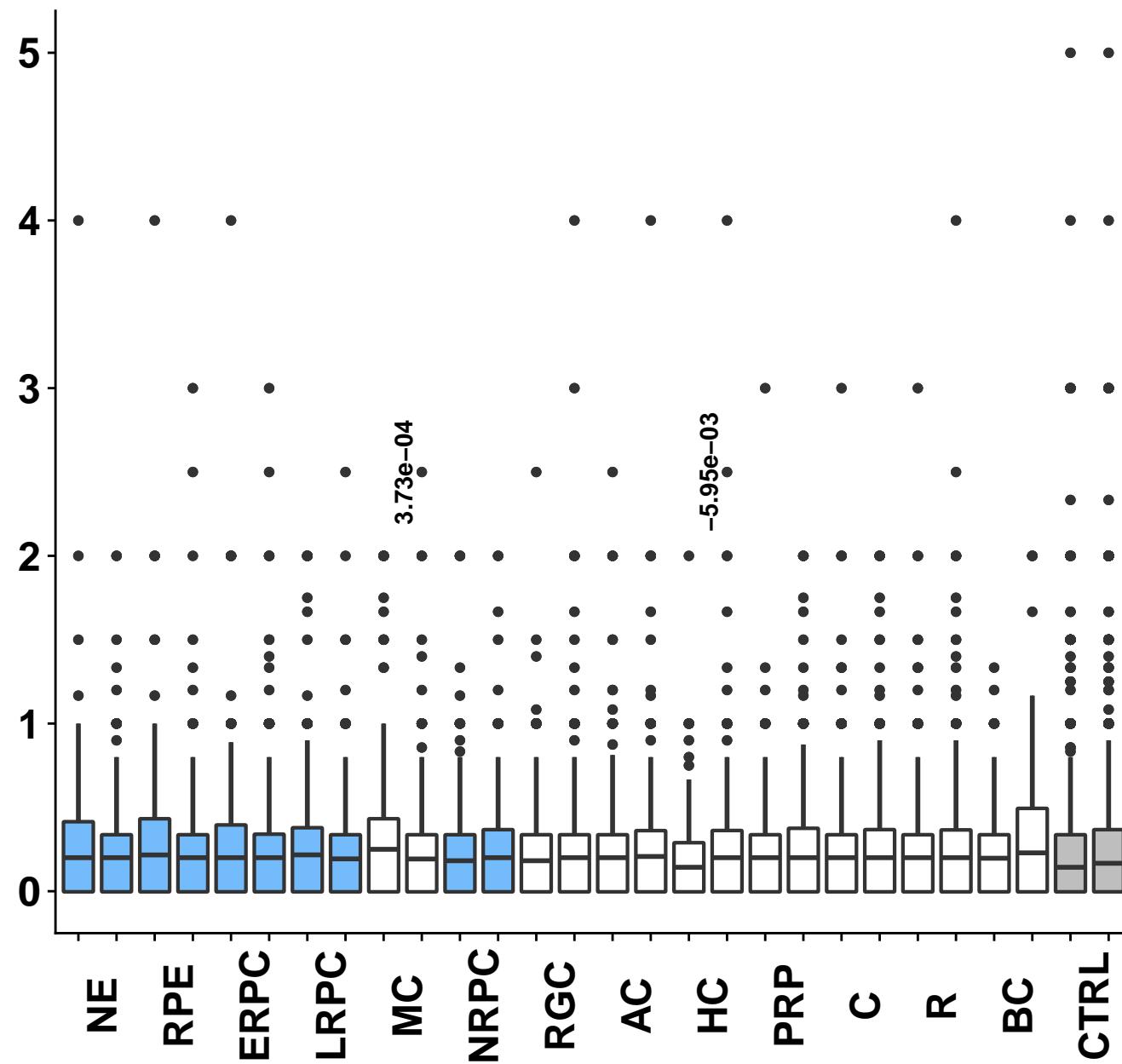




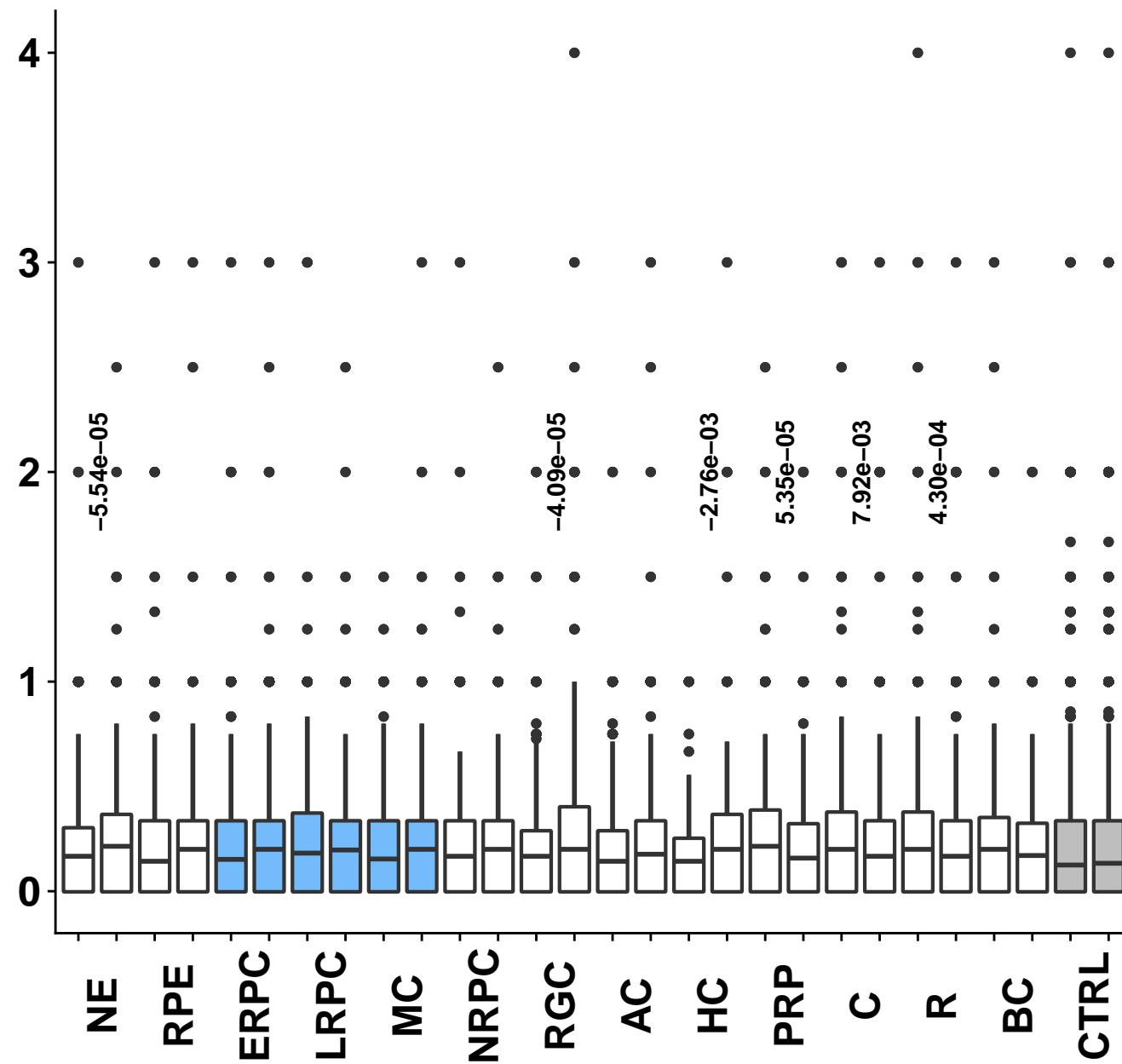
## Tead2\_1\_mean



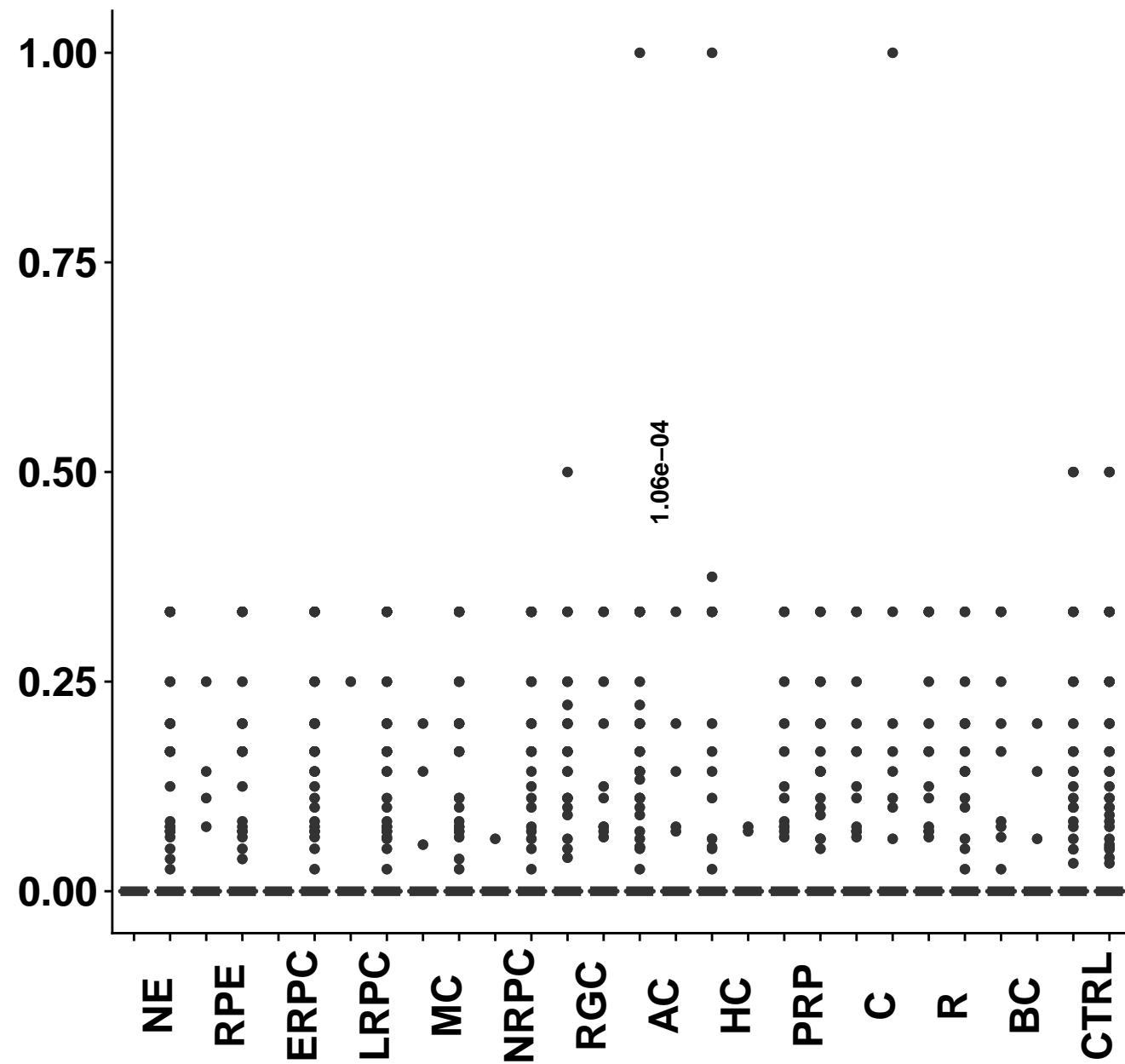
## Tead2\_2\_mean



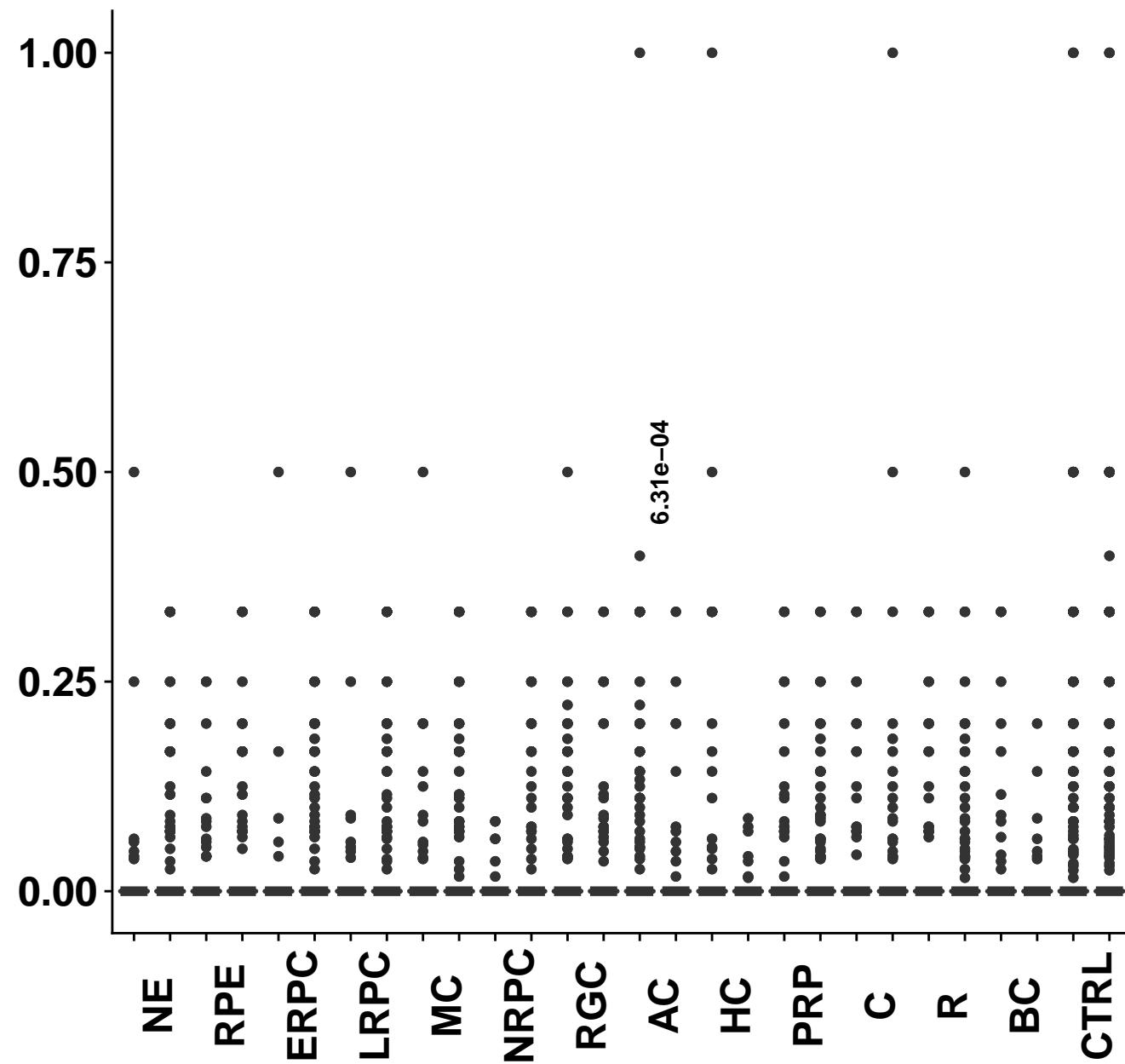
## Nr2e1\_1\_mean



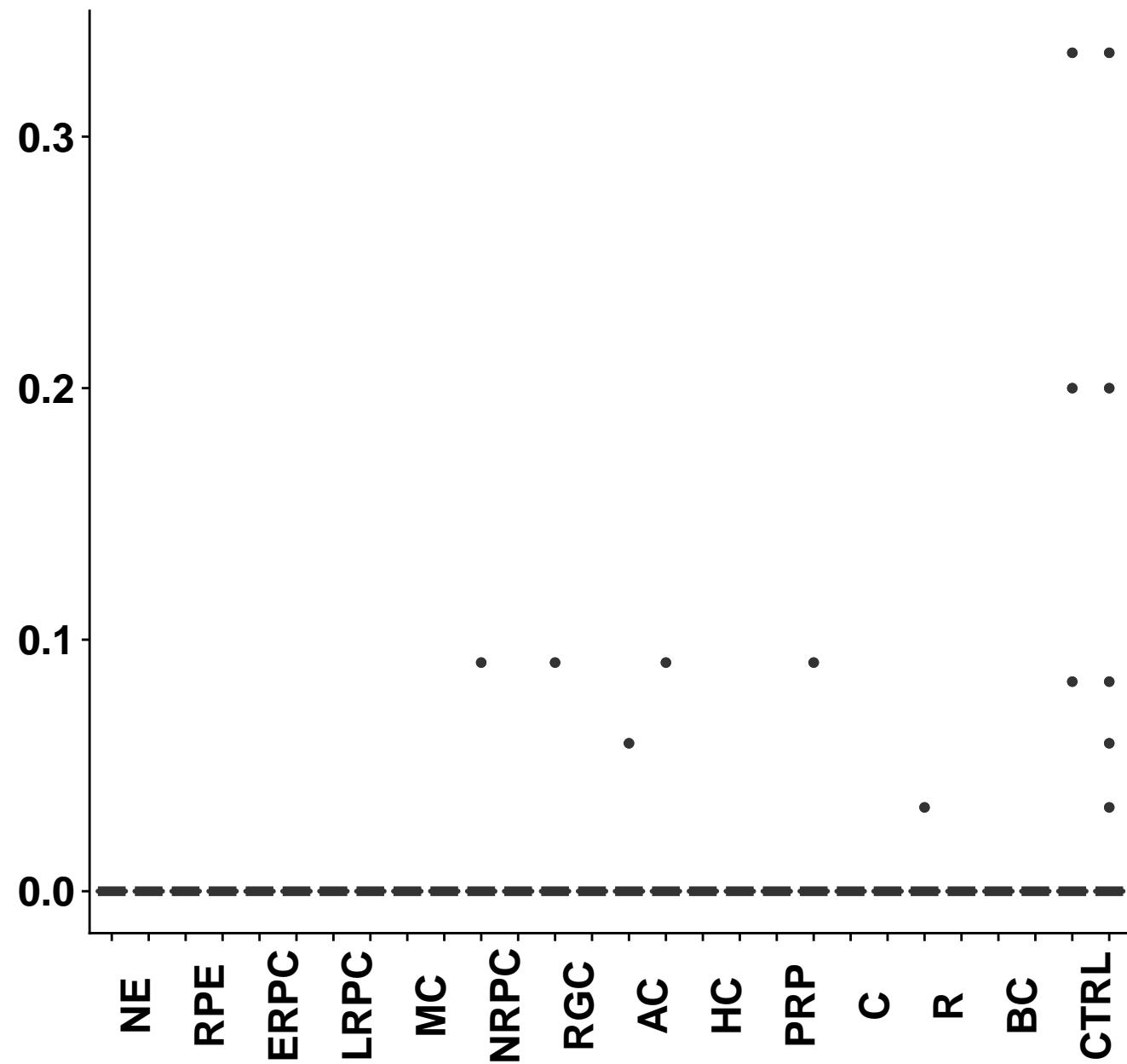
## Rest\_1\_mean



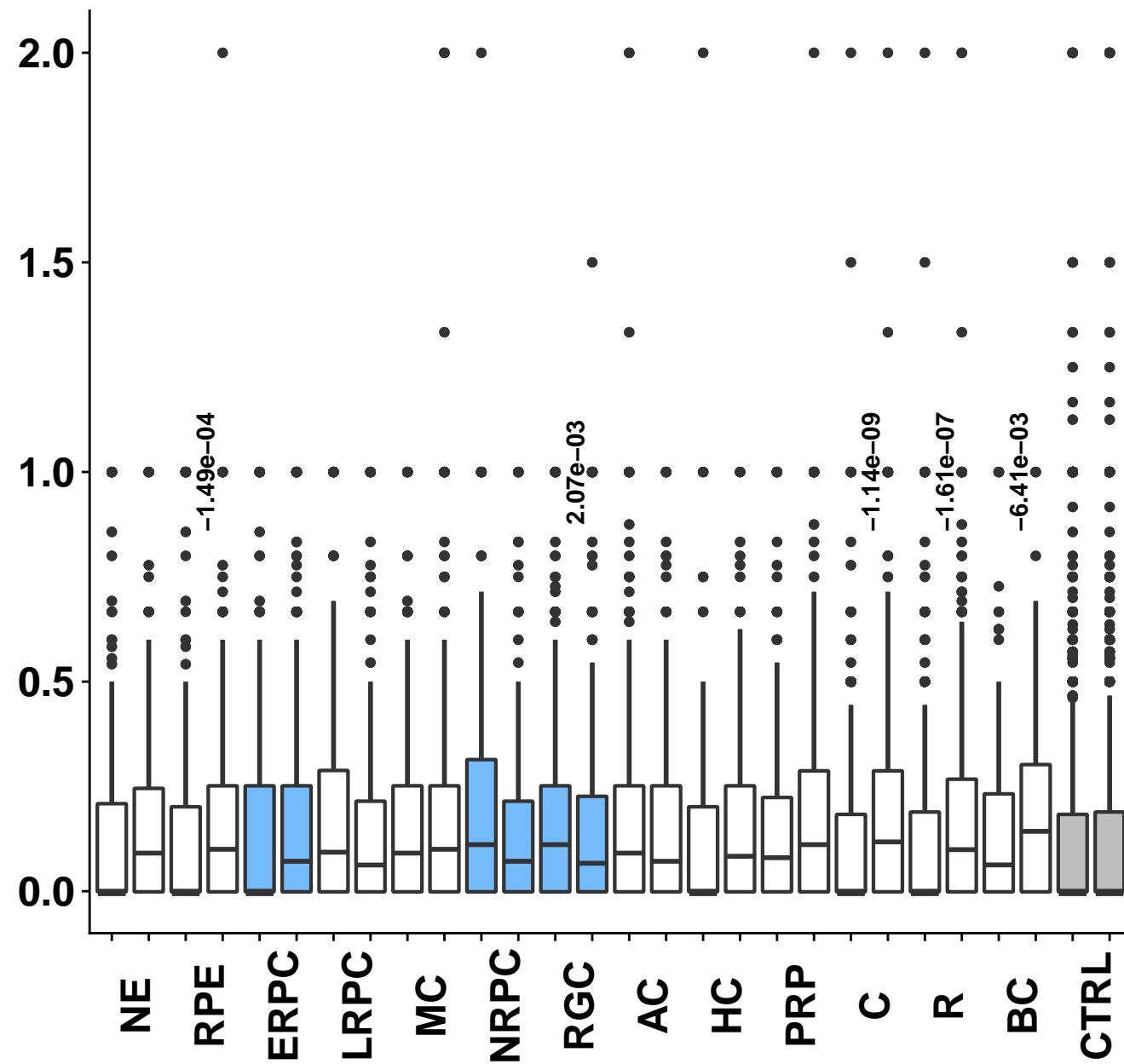
## Rest\_2\_mean



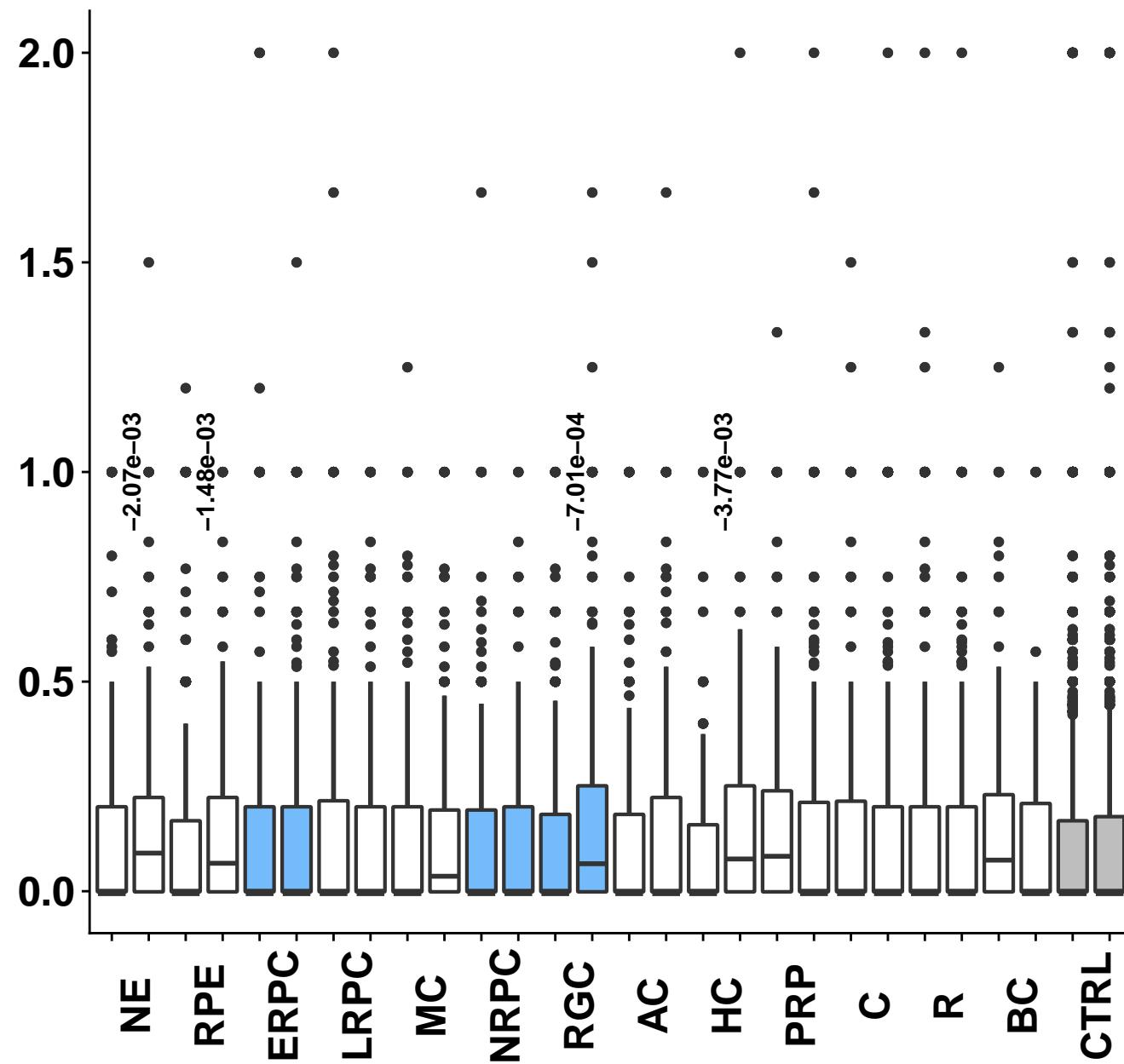
## **Sox11\_1\_mean**



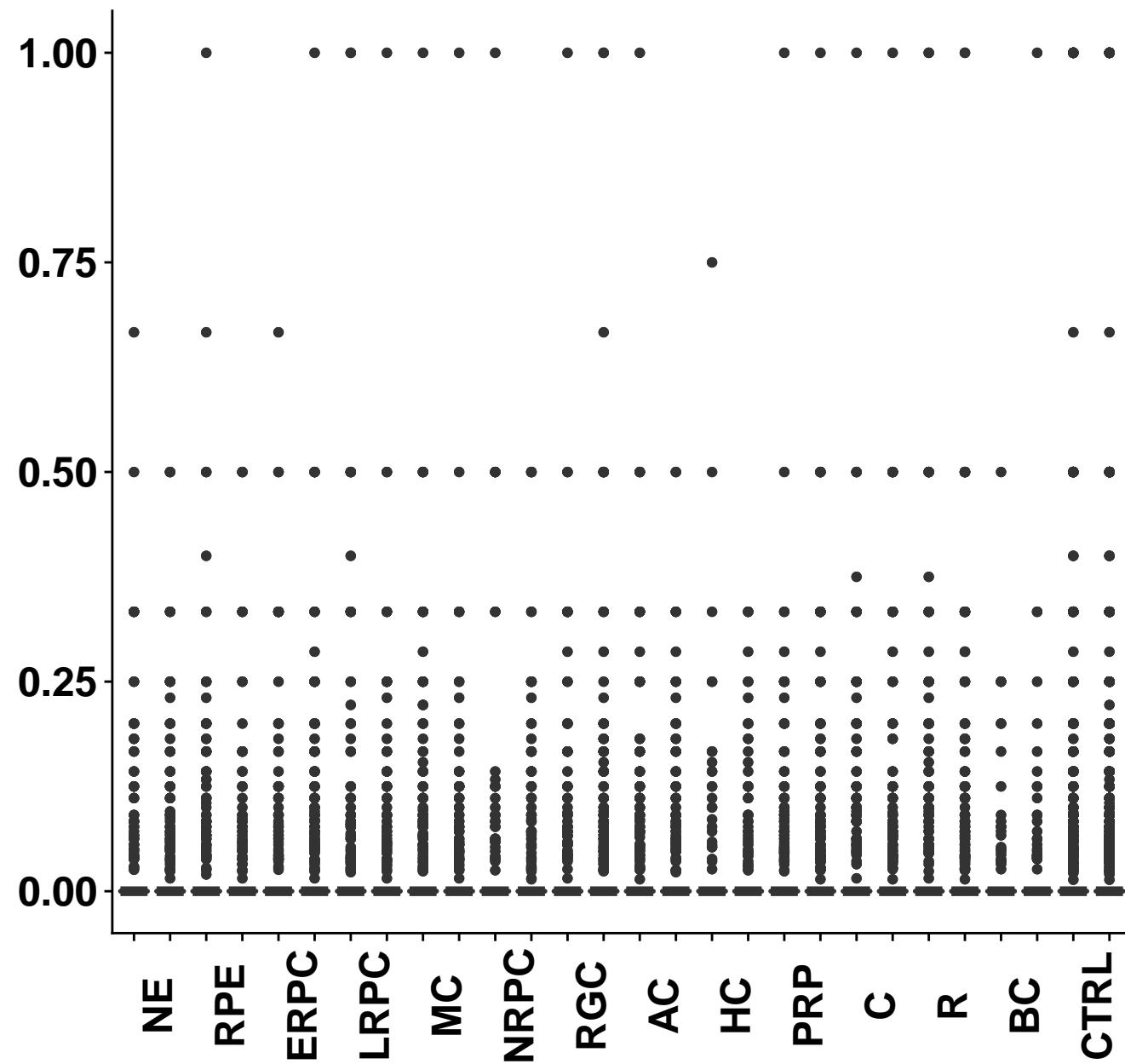
## Sox11\_2\_mean



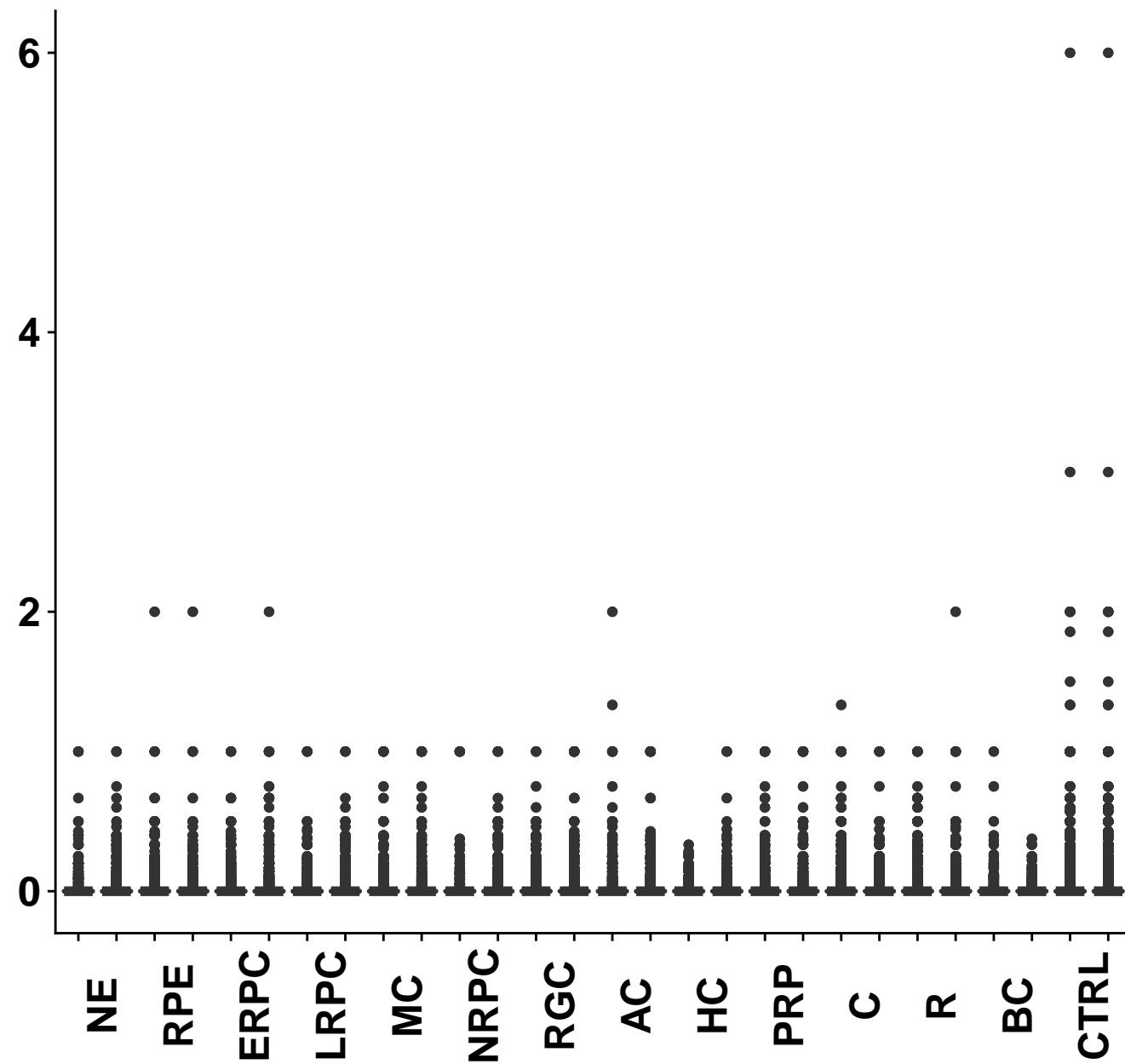
## Sox11\_3\_mean



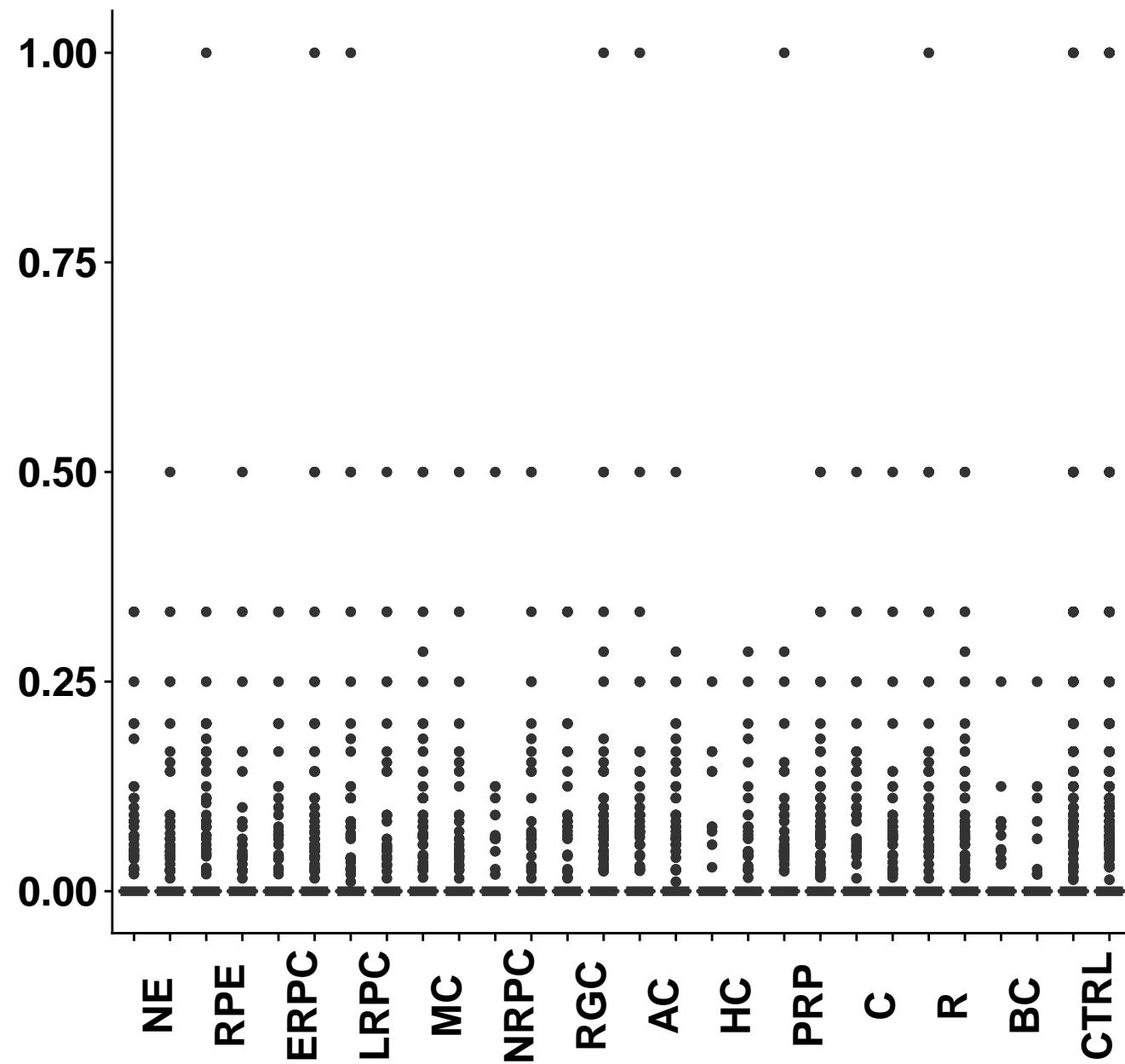
## Six6\_1\_mean



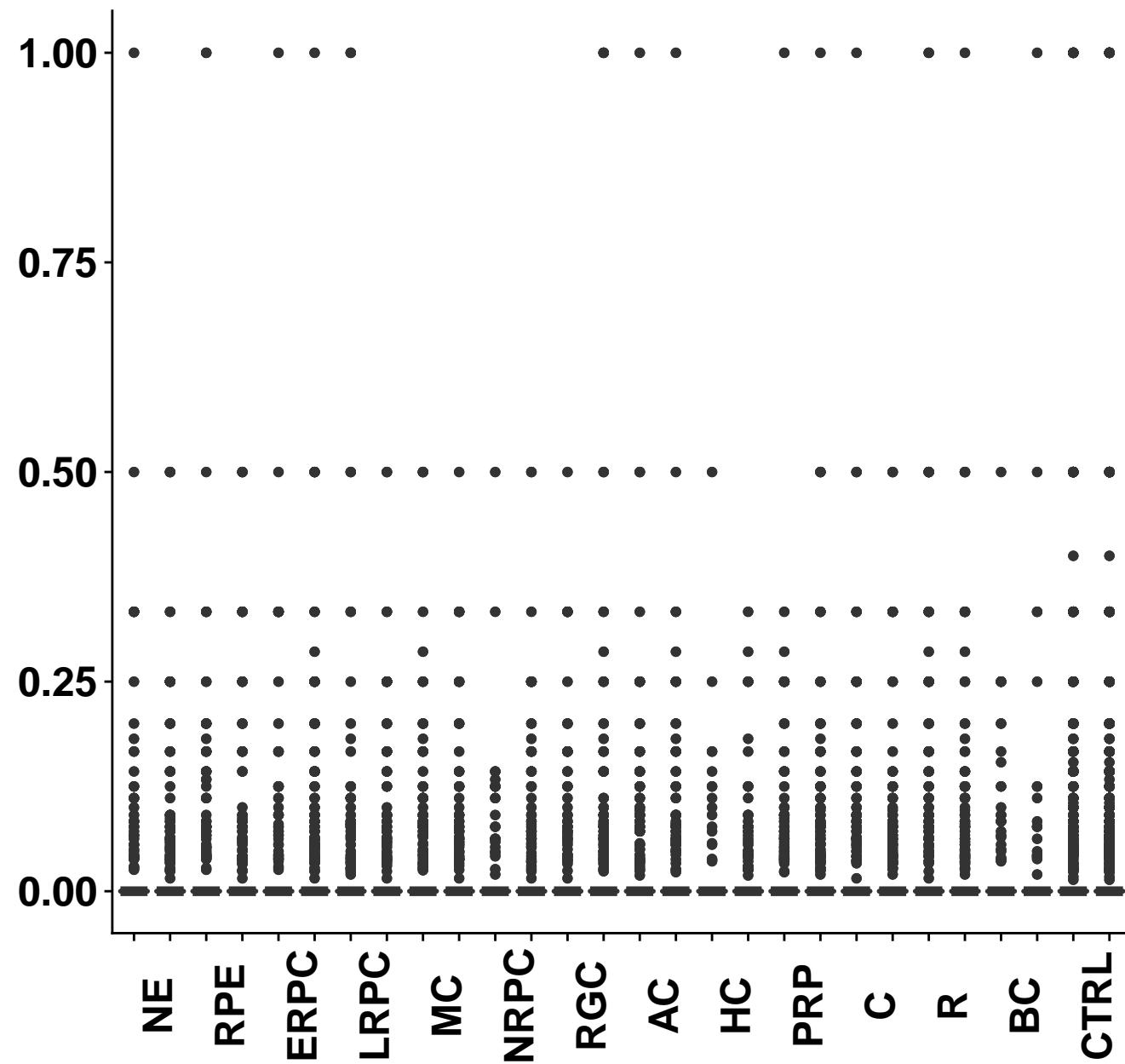
## Six6\_2\_mean



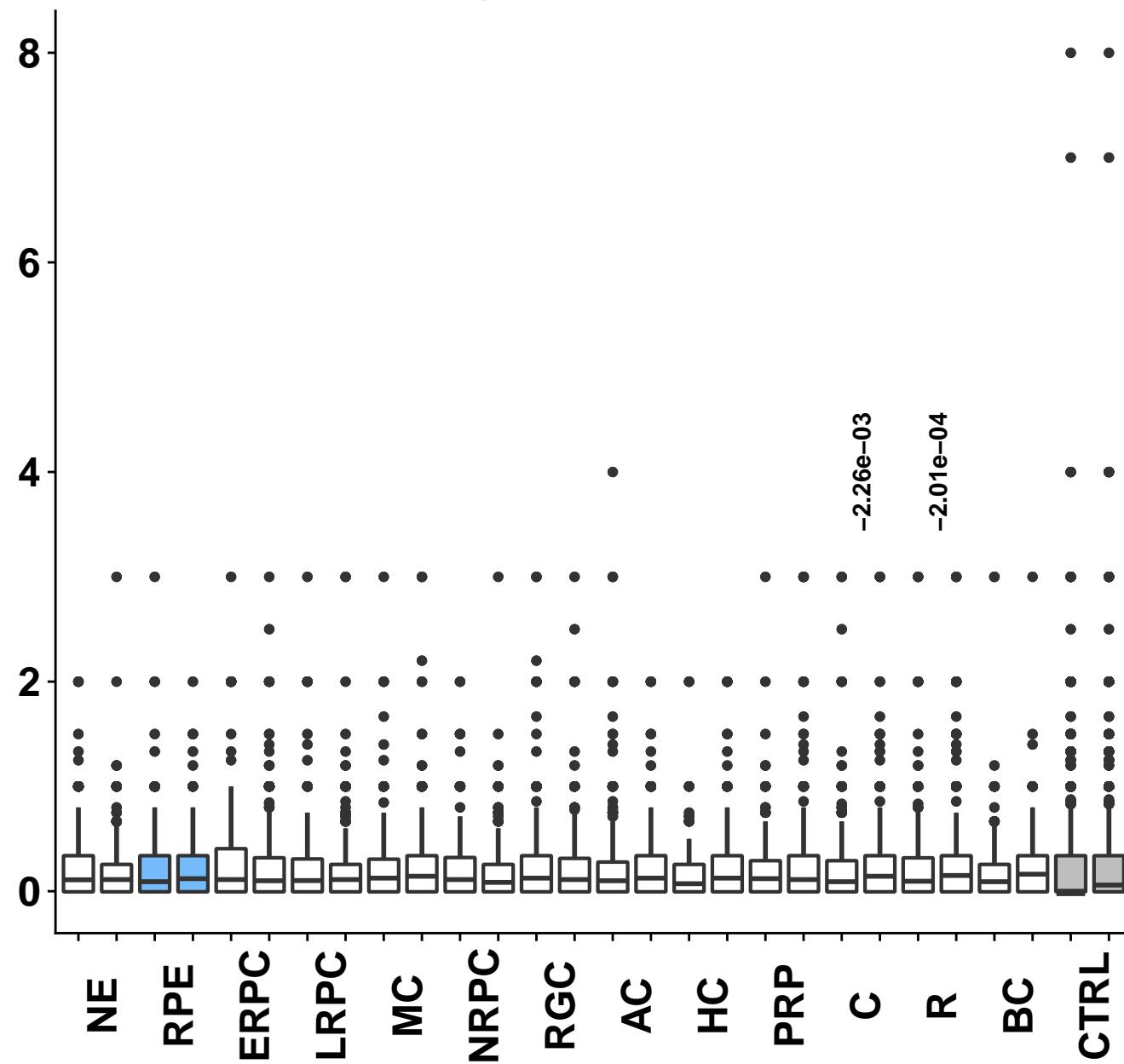
## Six6\_3\_mean



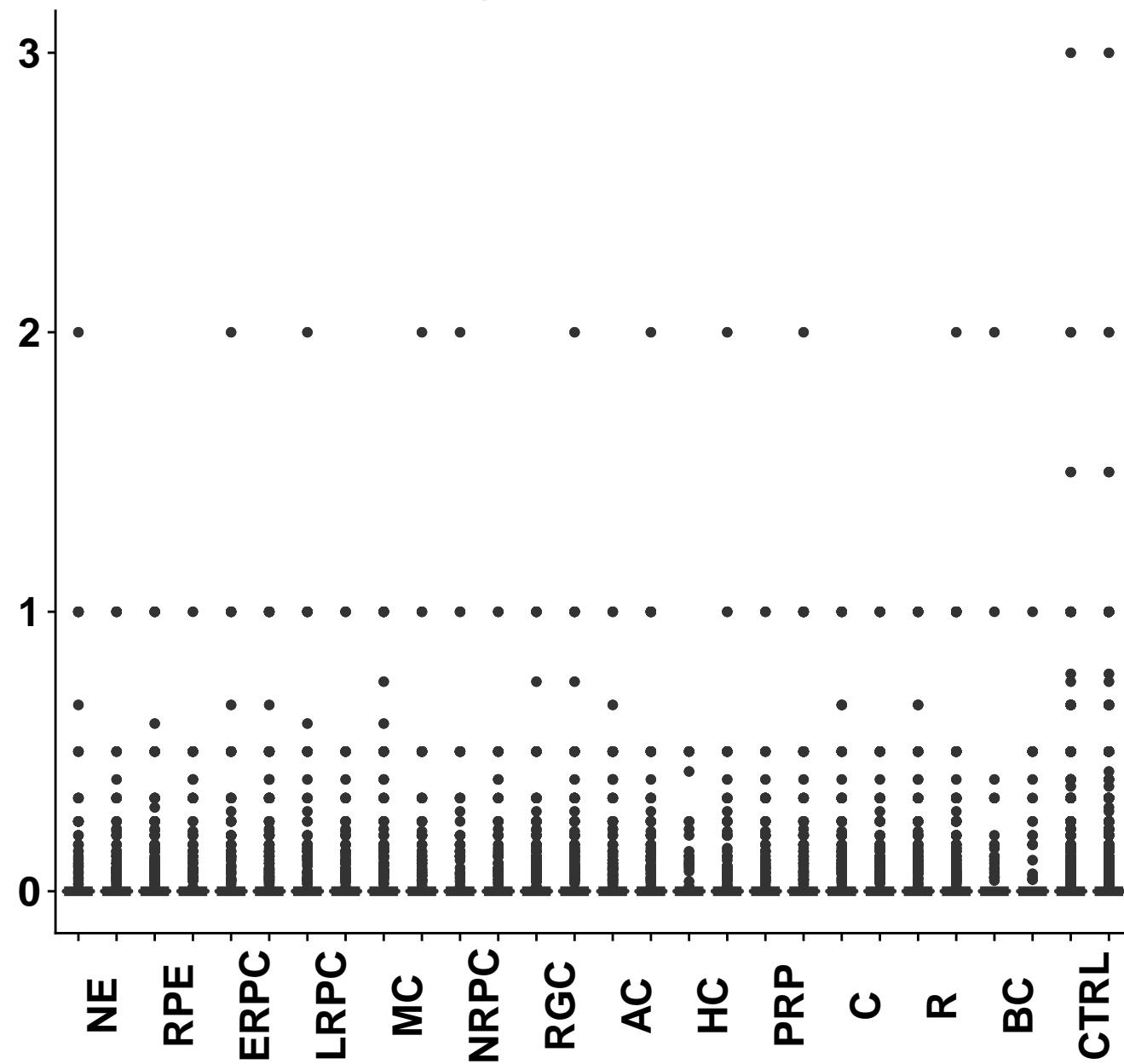
## Six6\_4\_mean



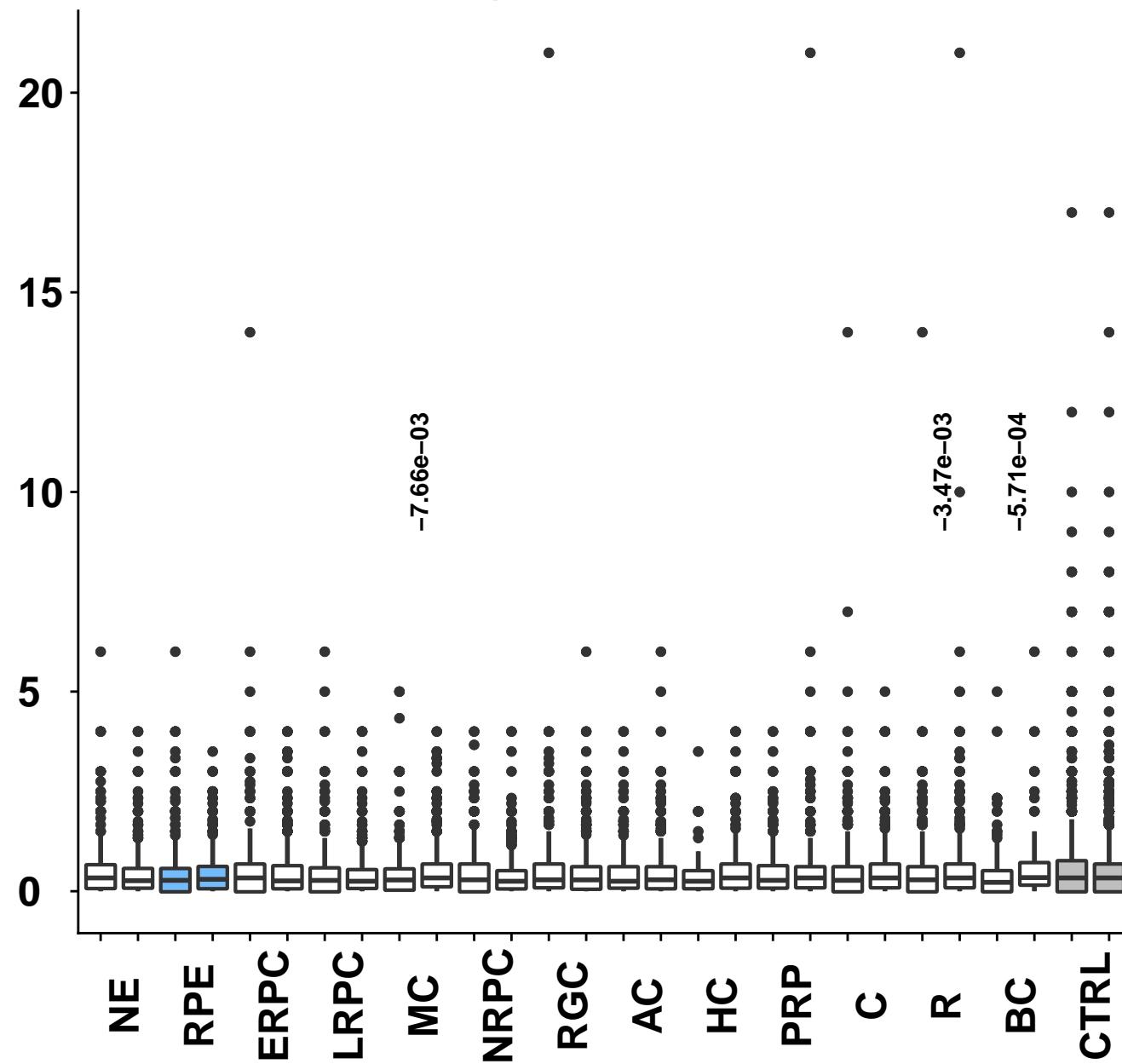
## Egr1\_1\_mean



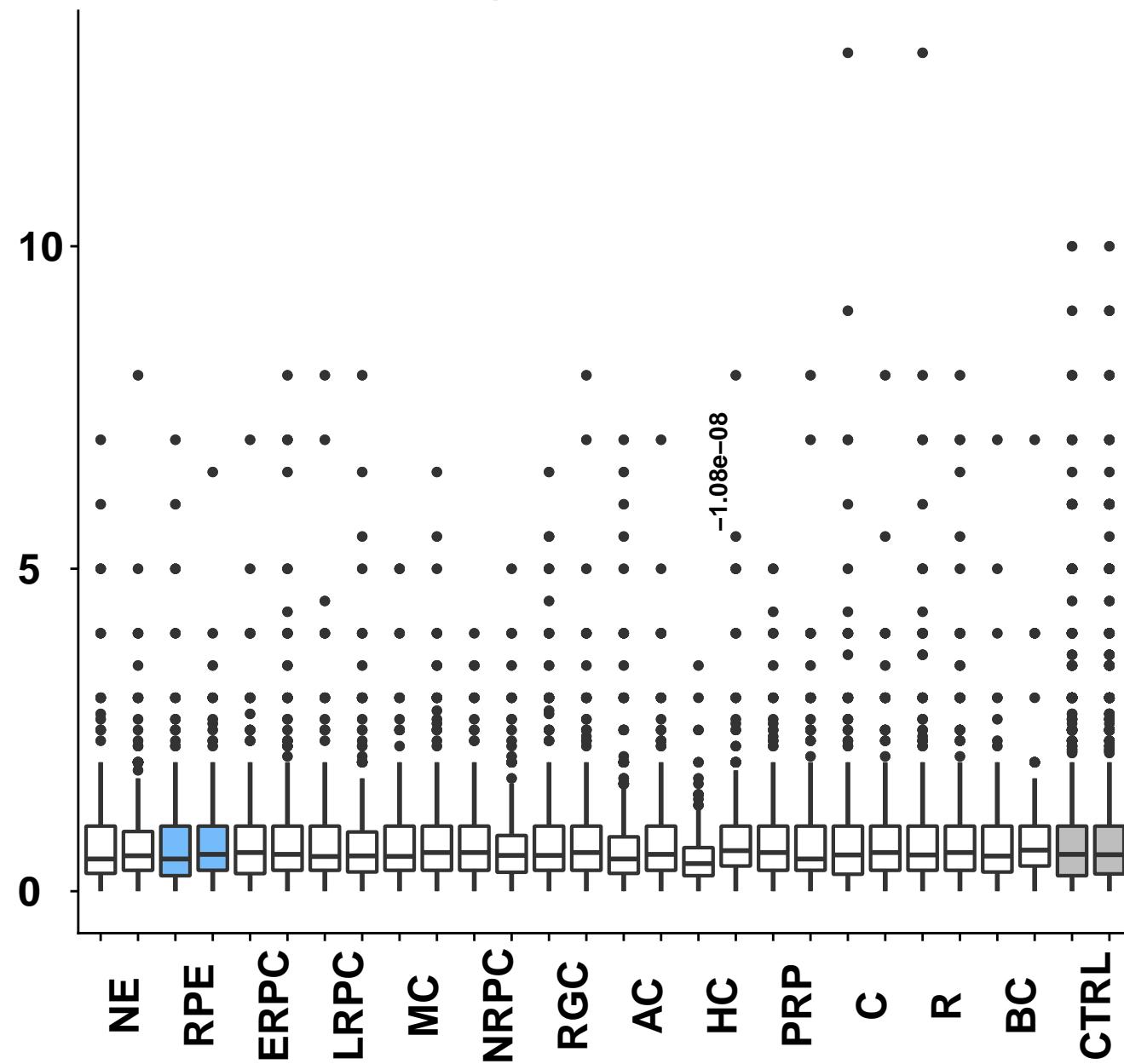
## Egr1\_2\_mean



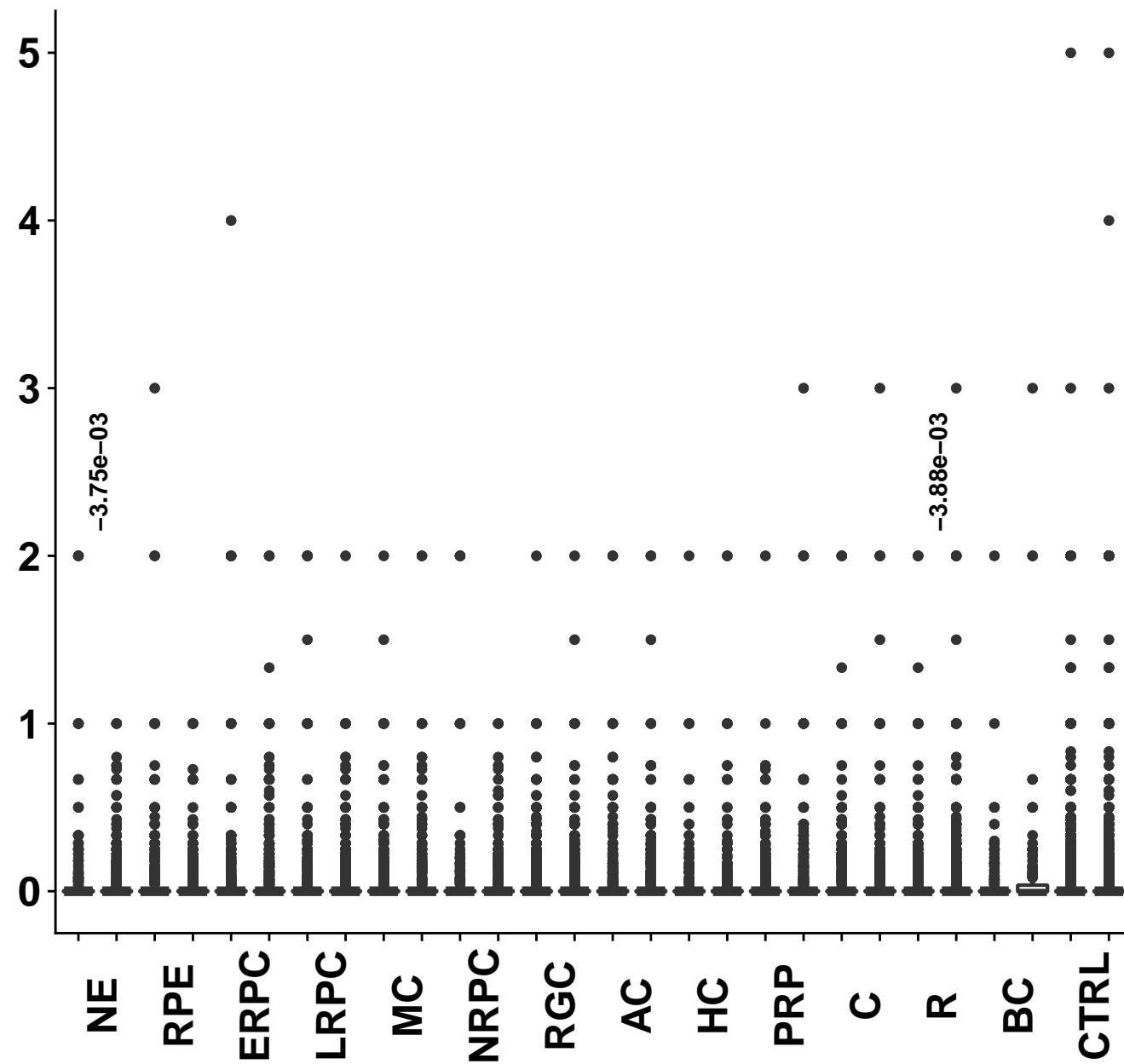
### Egr1\_3\_mean



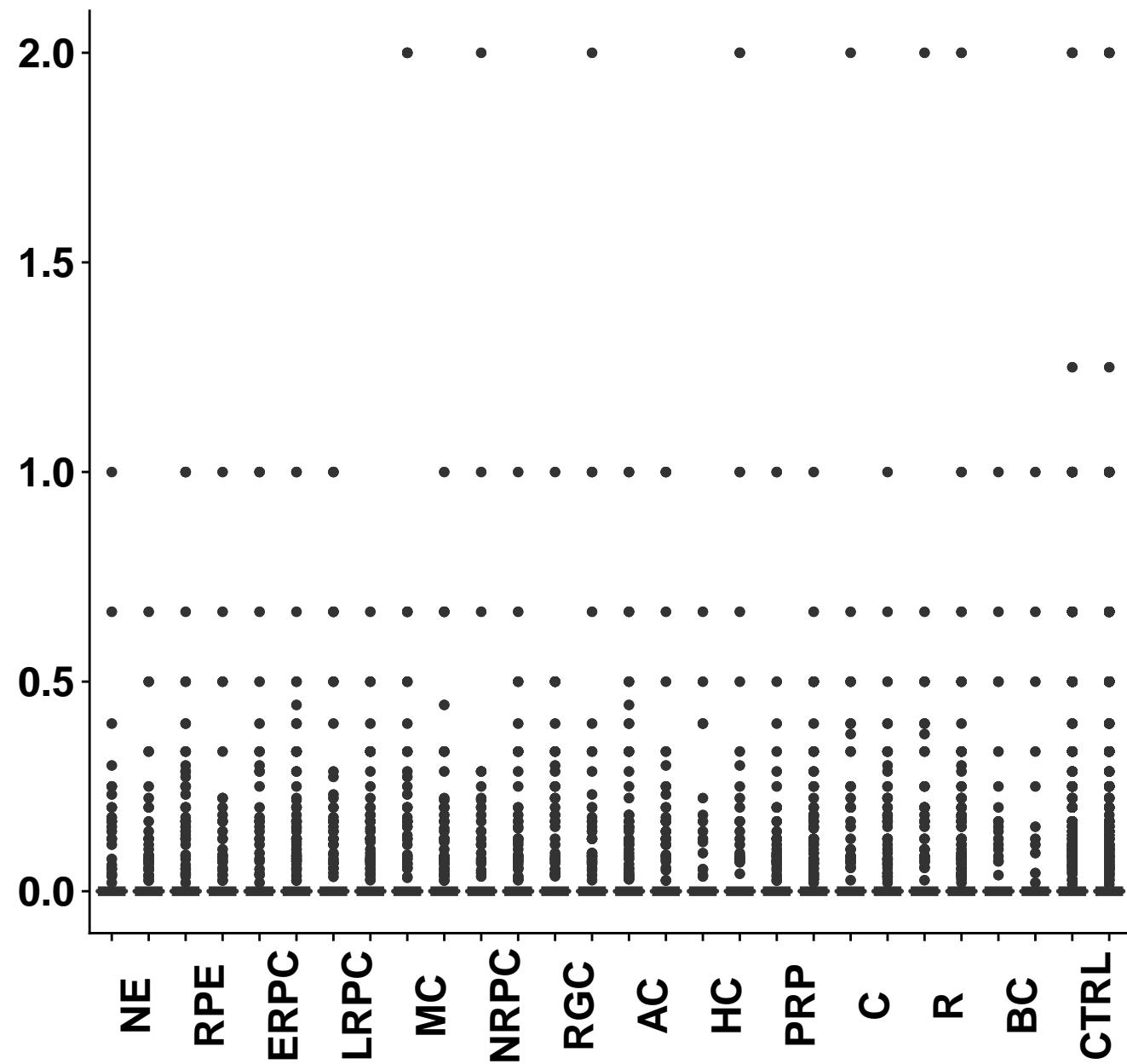
## Egr1\_4\_mean



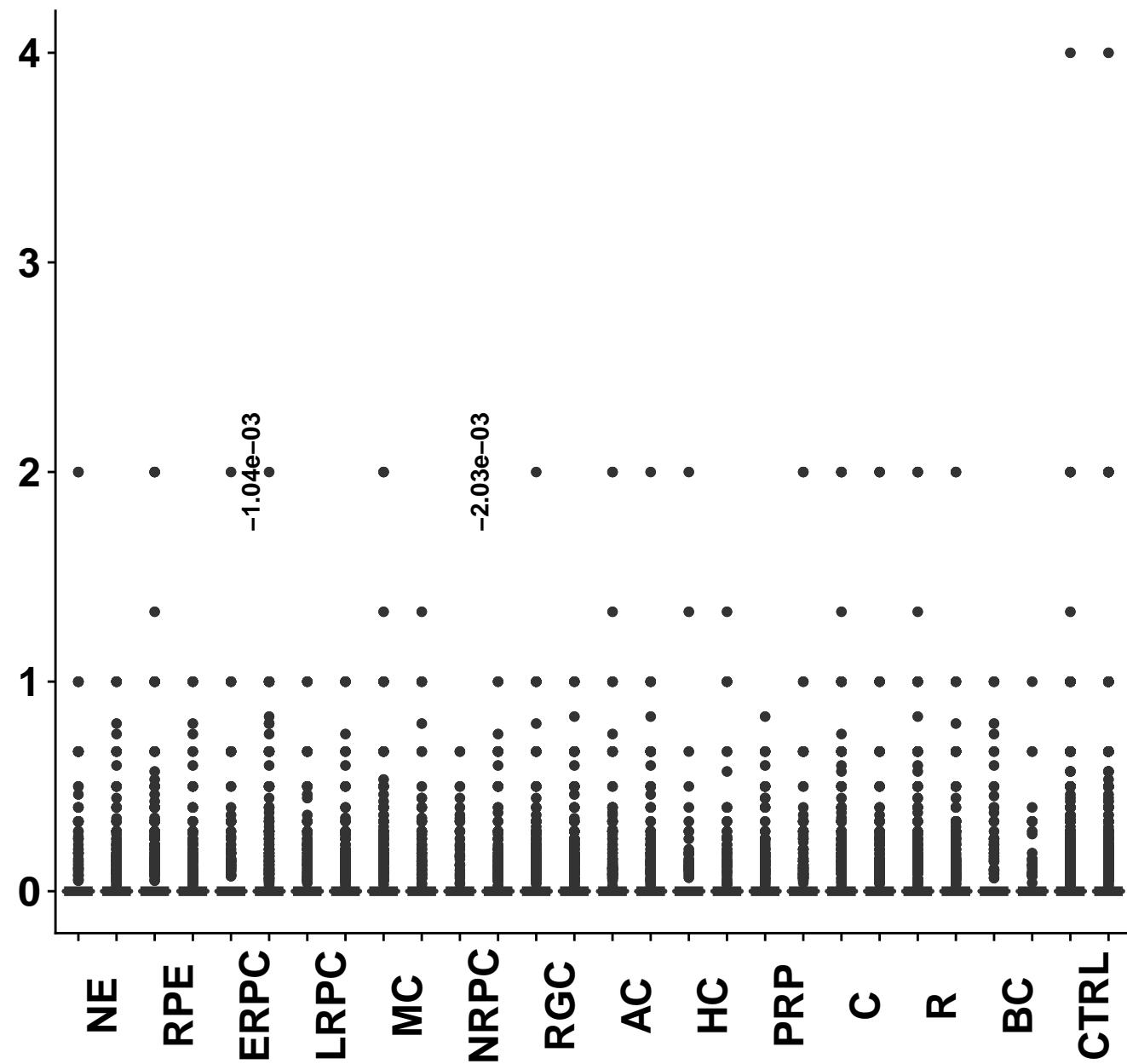
## Creb5\_1\_mean



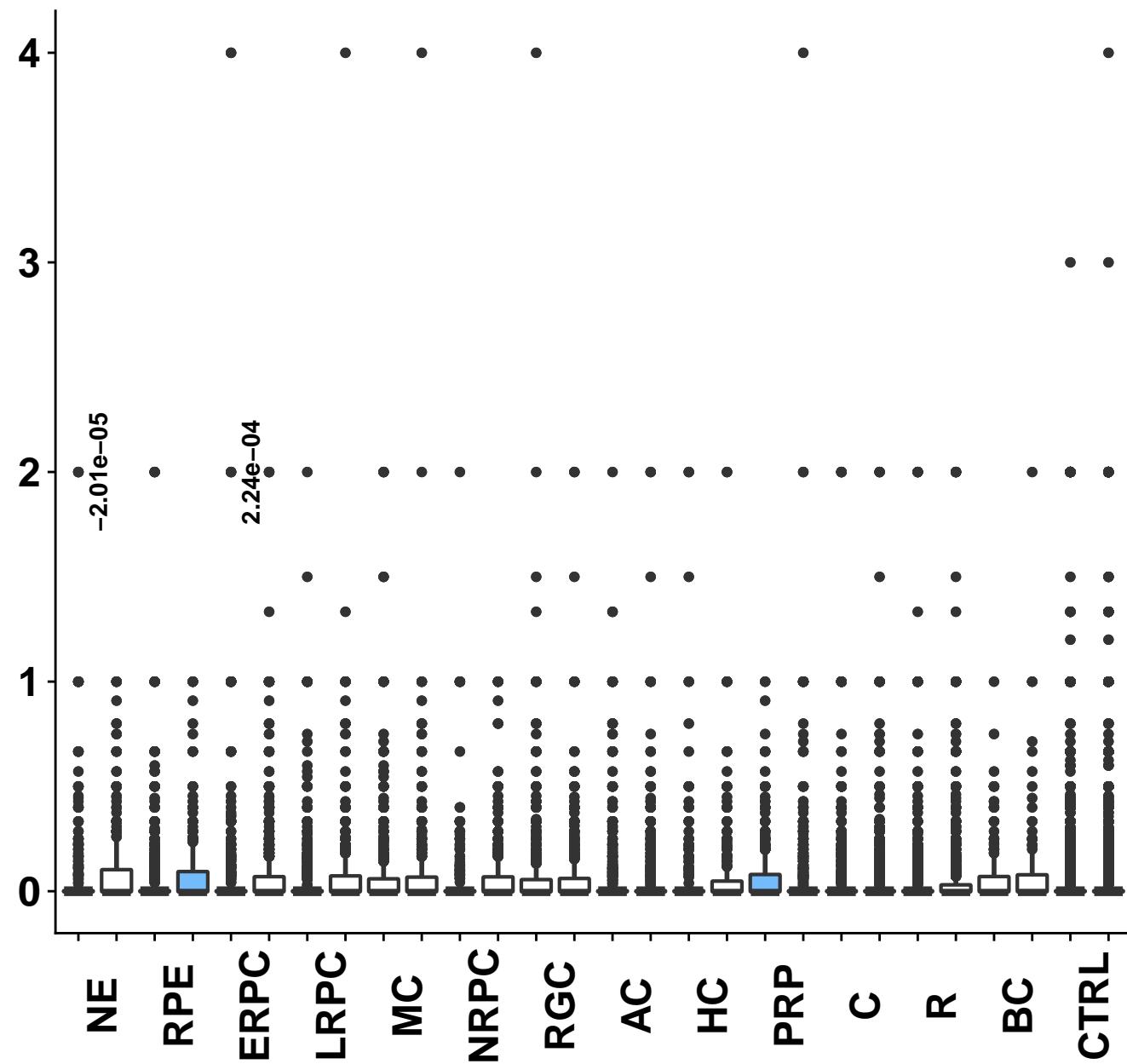
## Hes5\_1\_mean



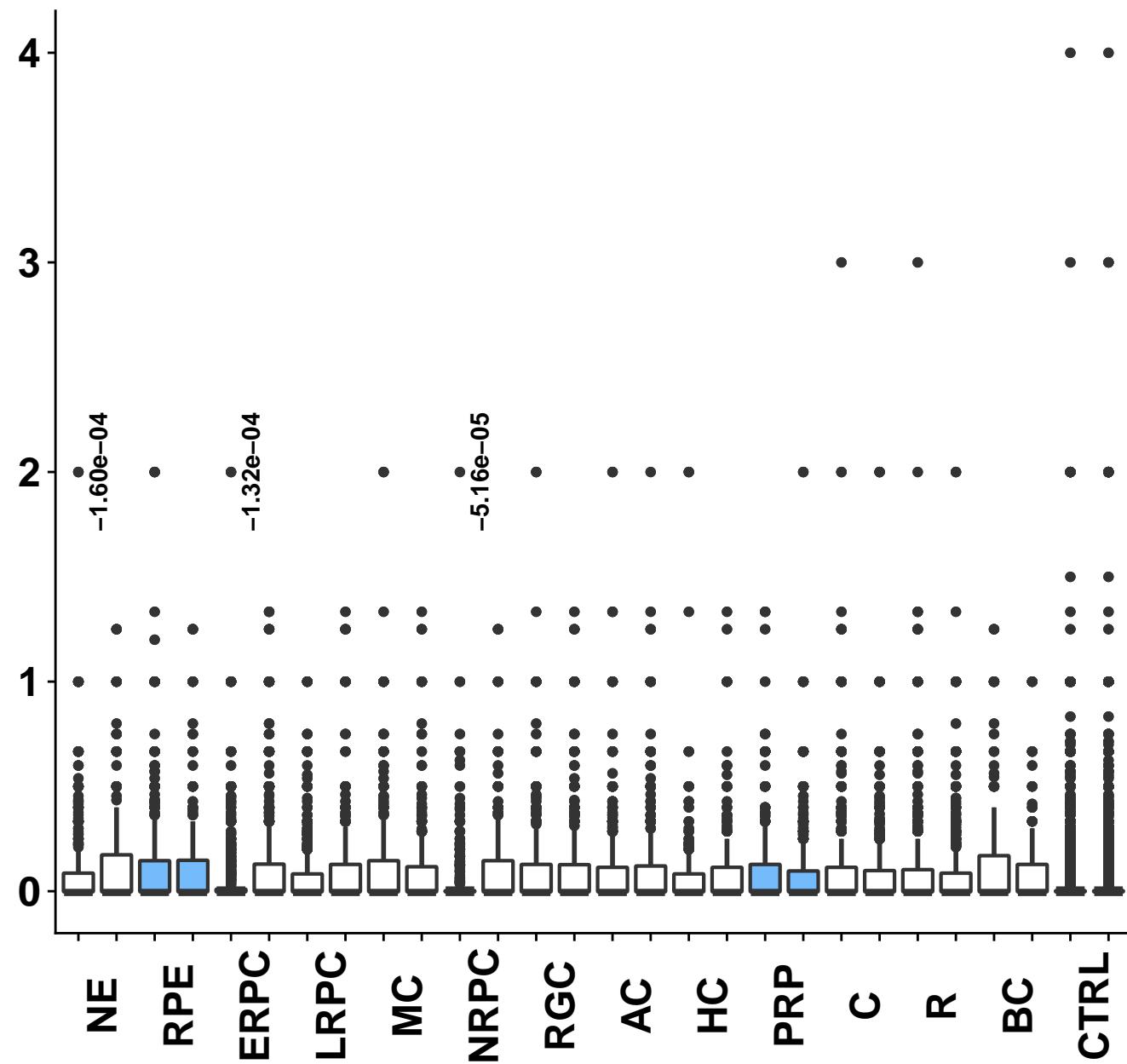
## Jun\_1\_mean



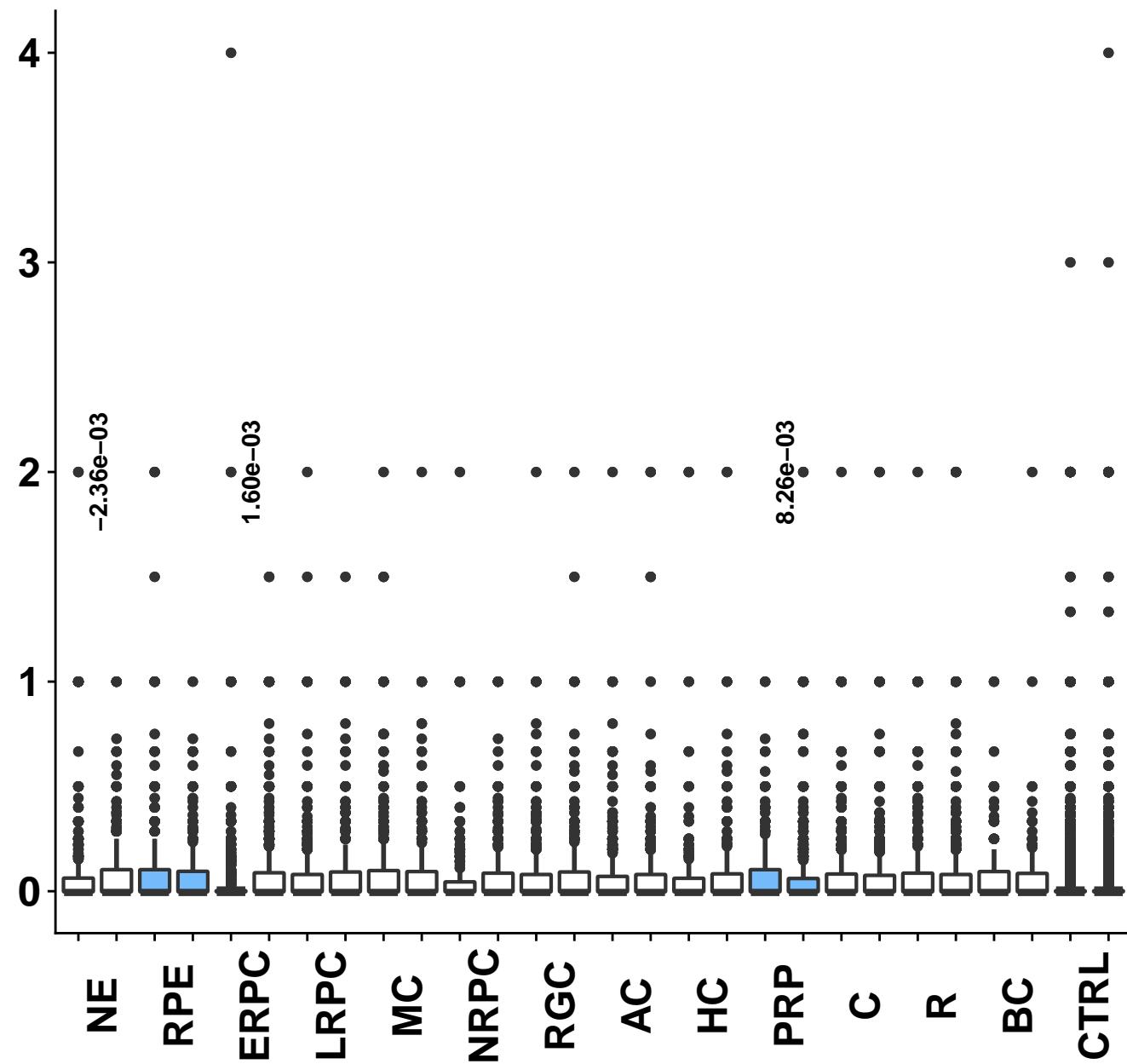
### Jun\_3\_mean



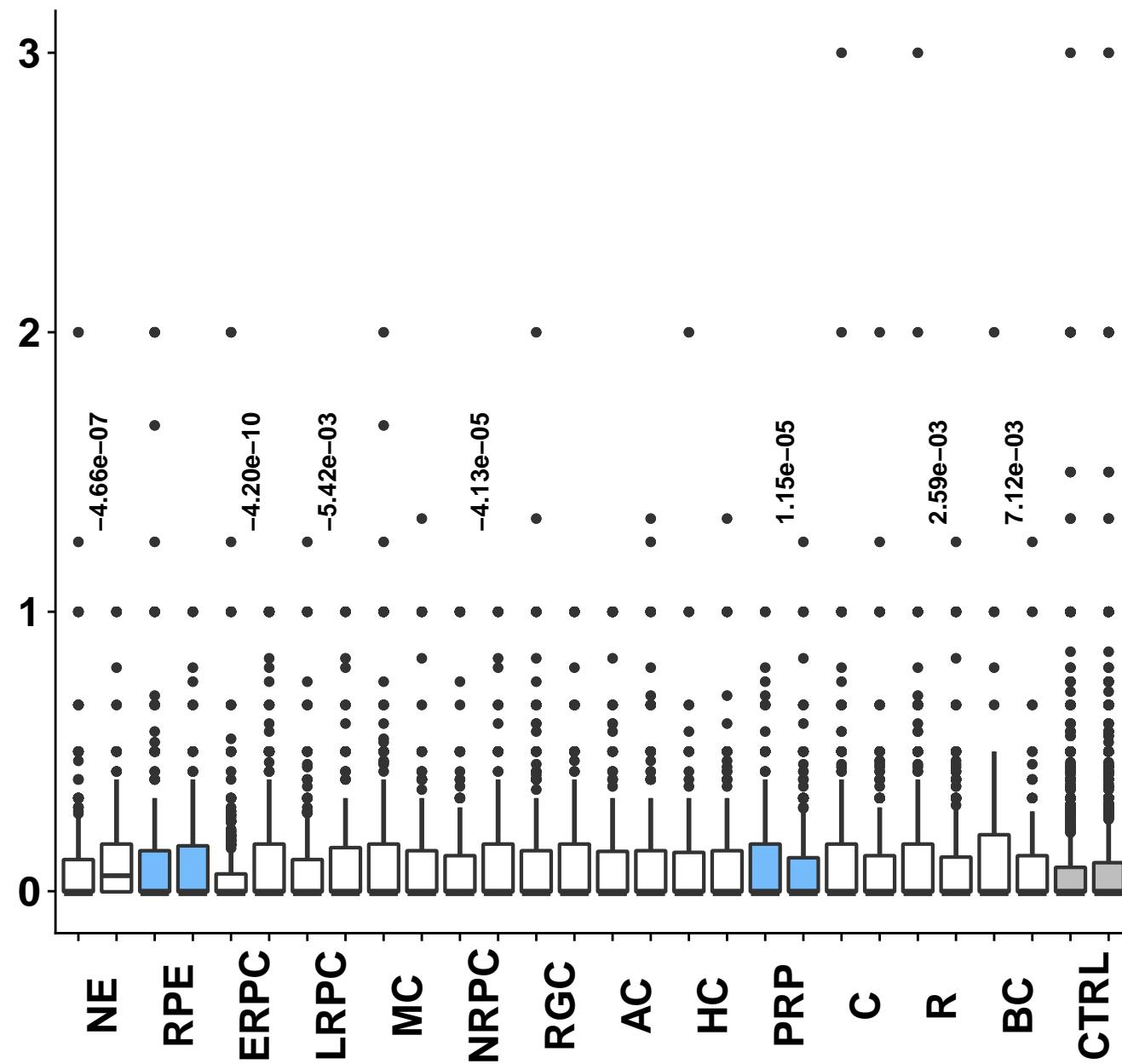
## Jun\_8\_mean



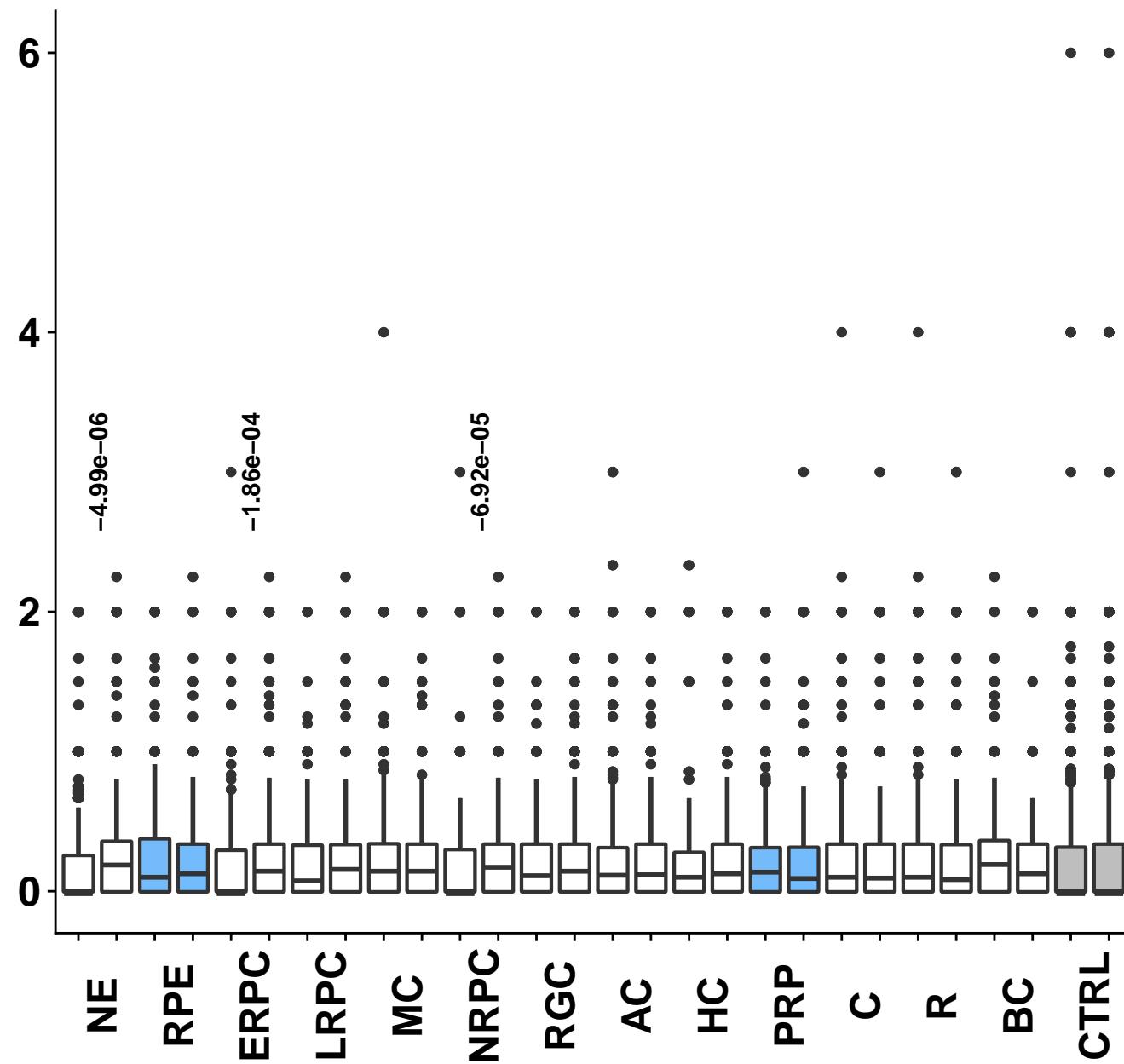
## Jun\_9\_mean



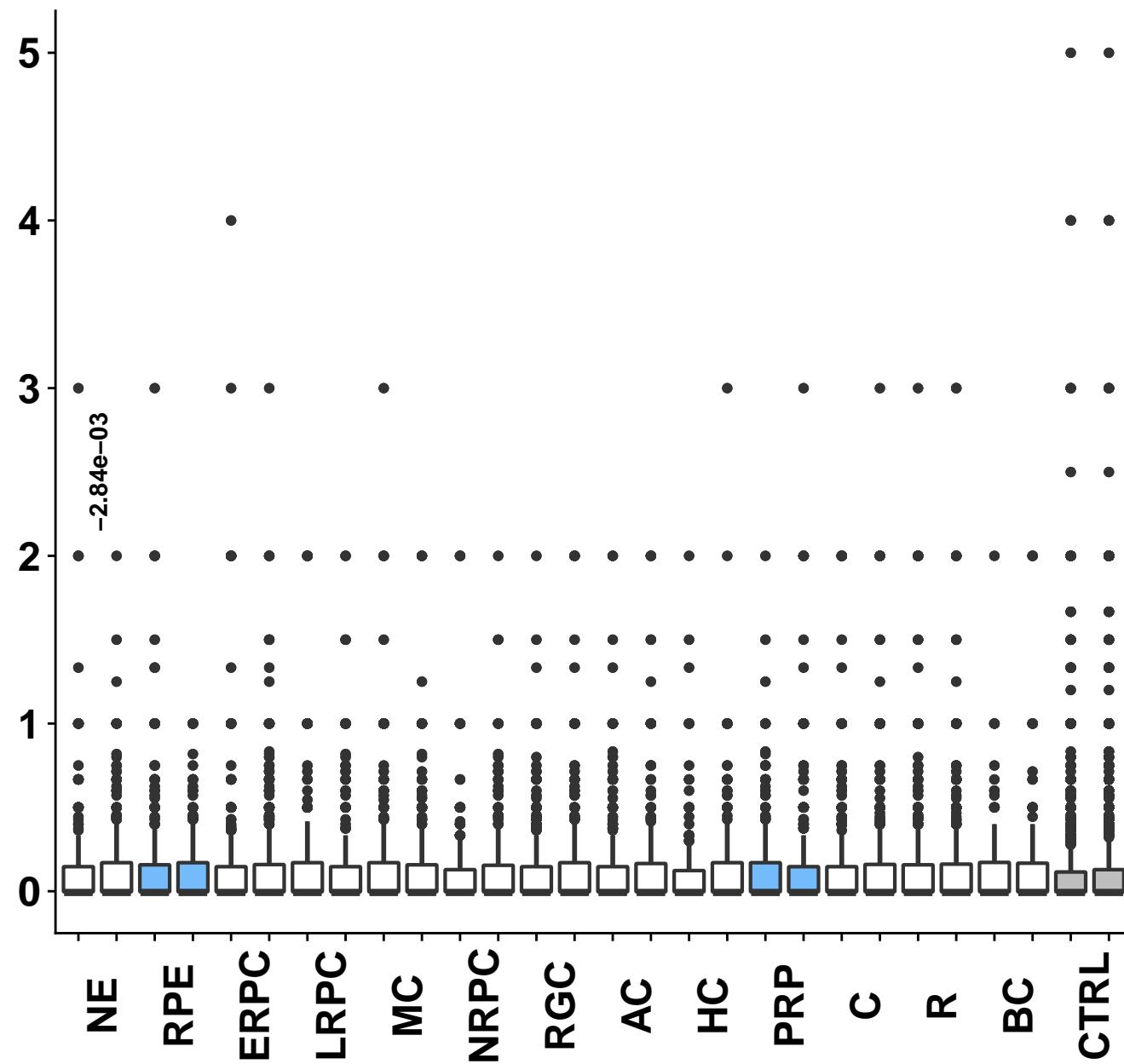
## Jun\_10\_mean



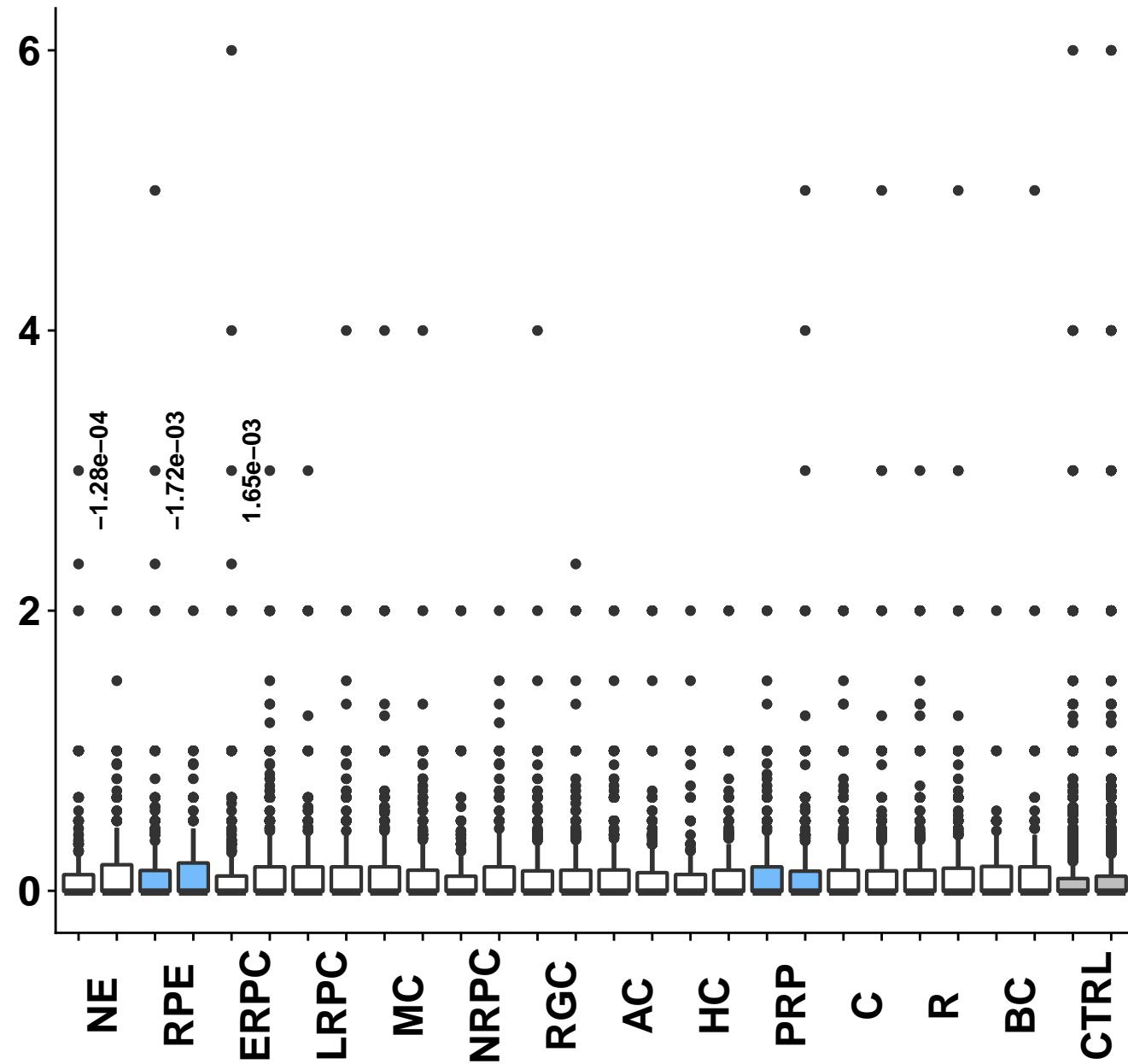
## Jun\_11\_mean



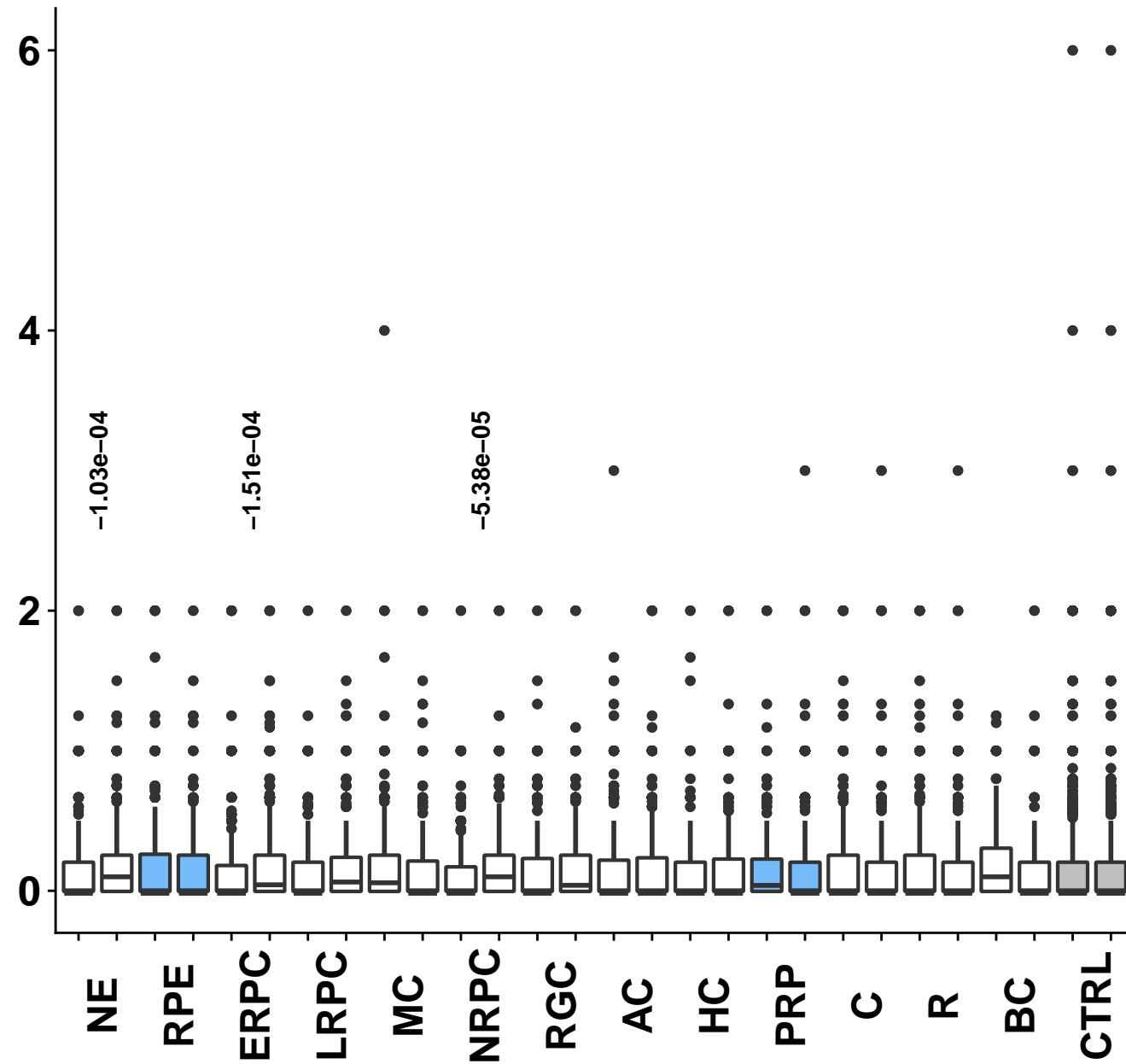
## Jun\_12\_mean



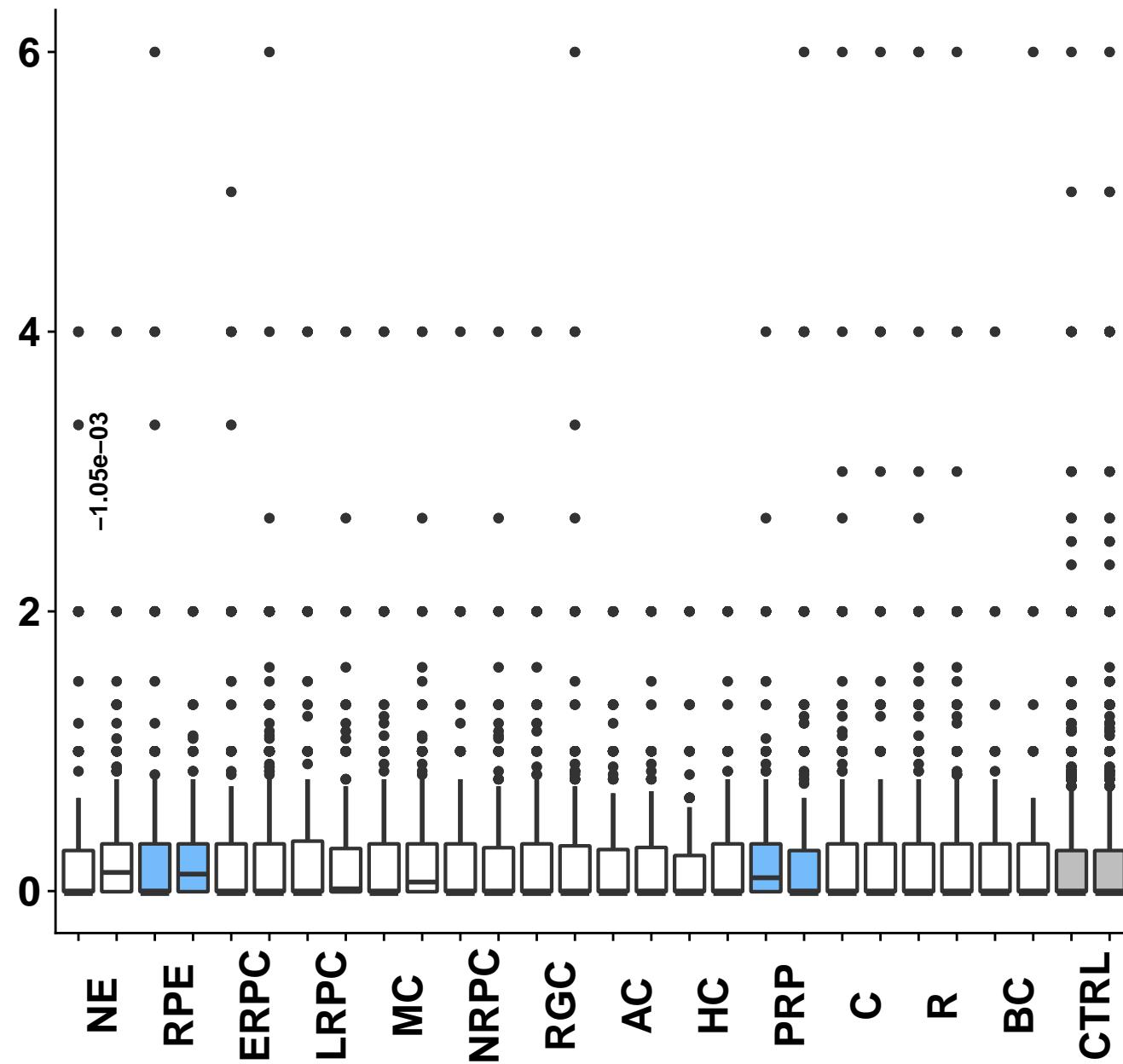
## Jun\_13\_mean



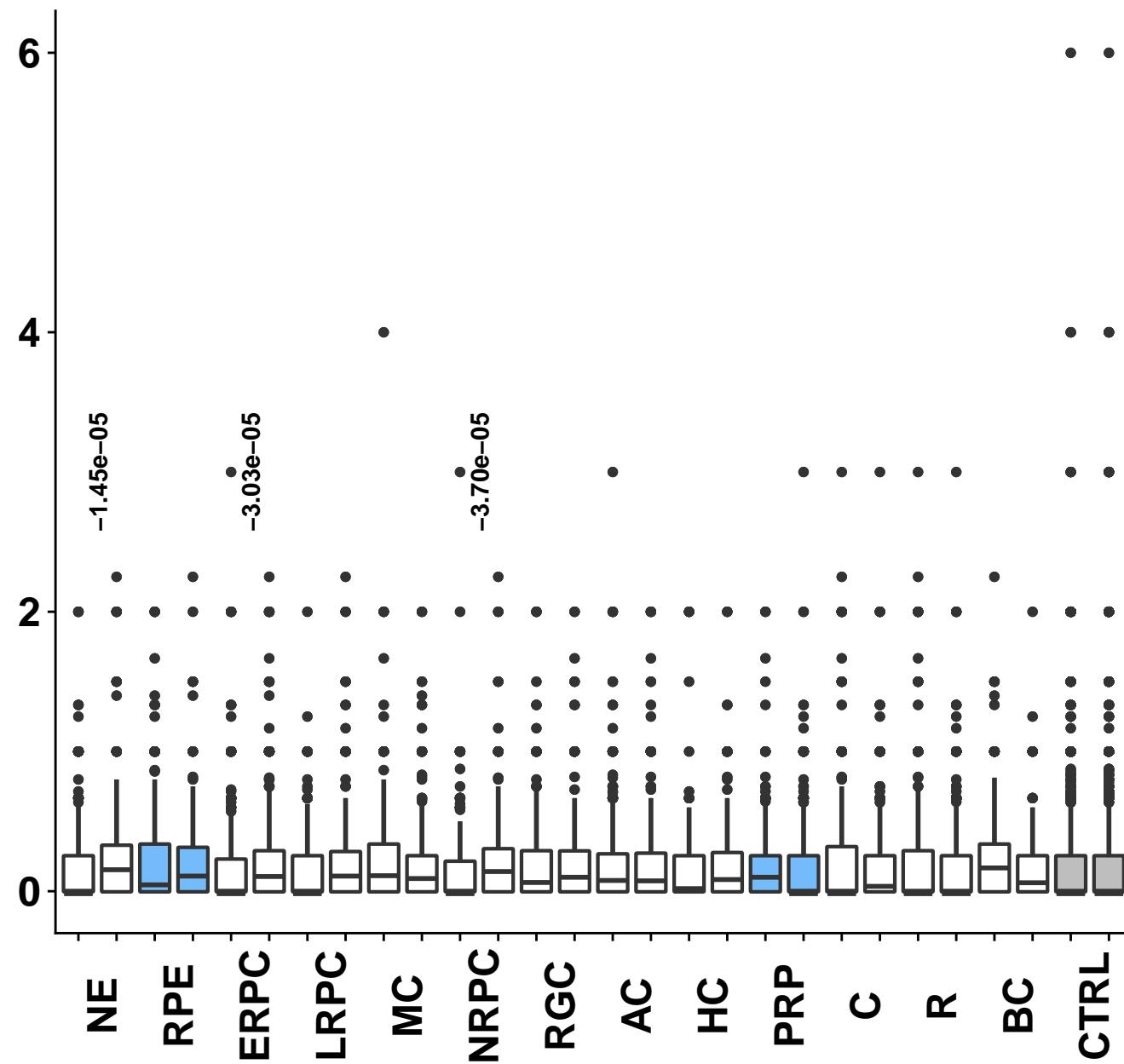
## Jun\_14\_mean



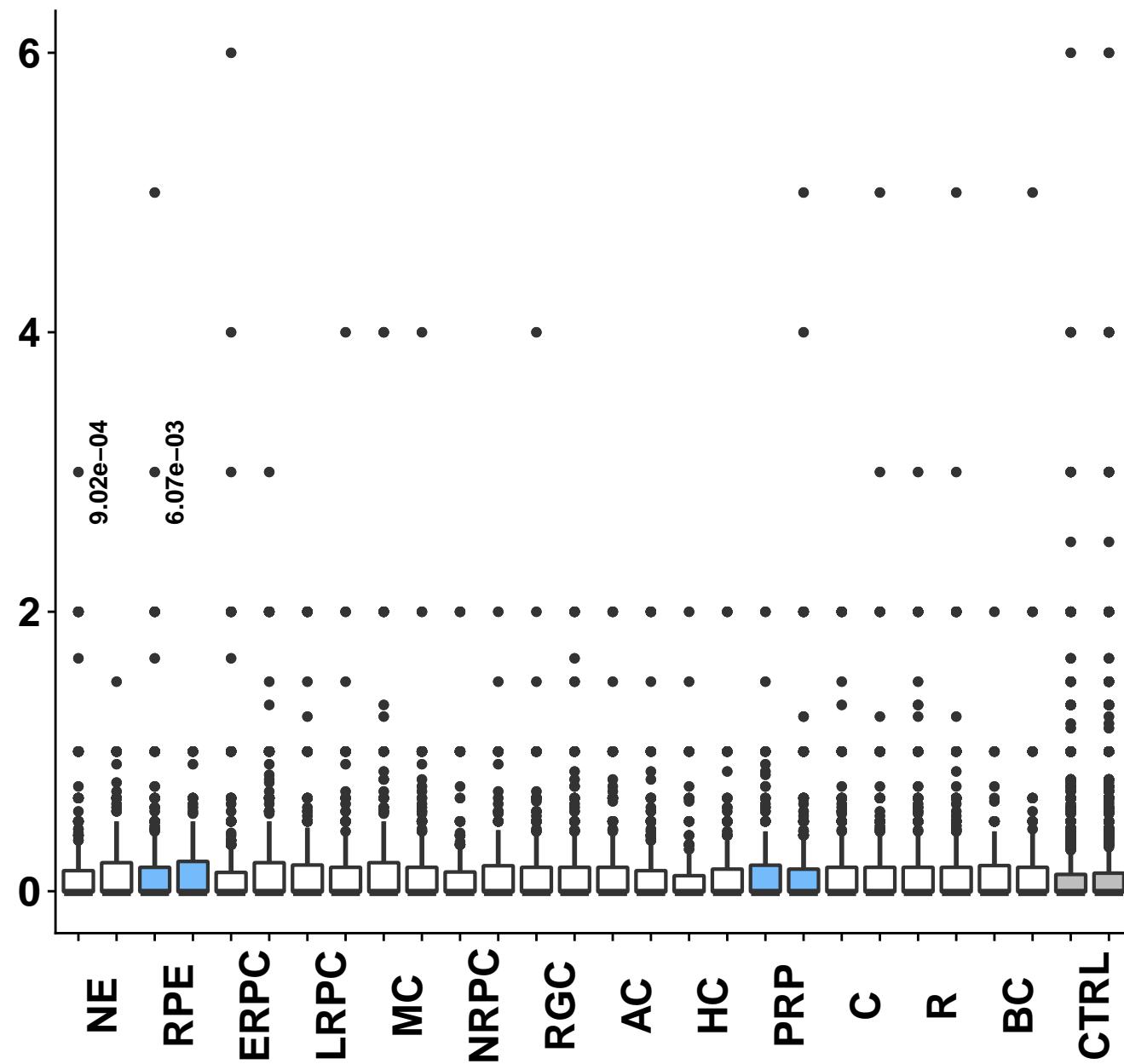
Jun\_15\_mean



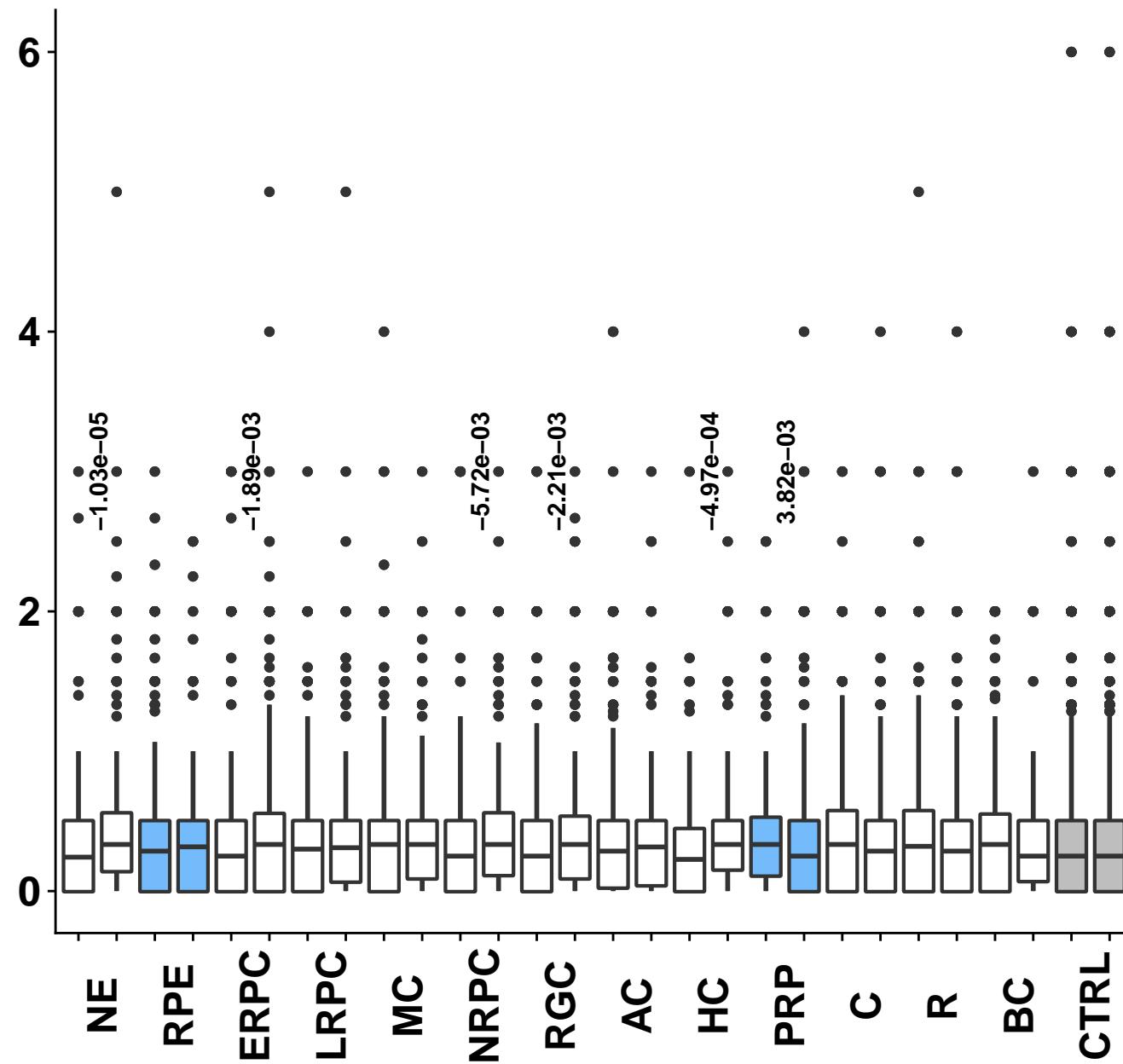
## Jun\_16\_mean



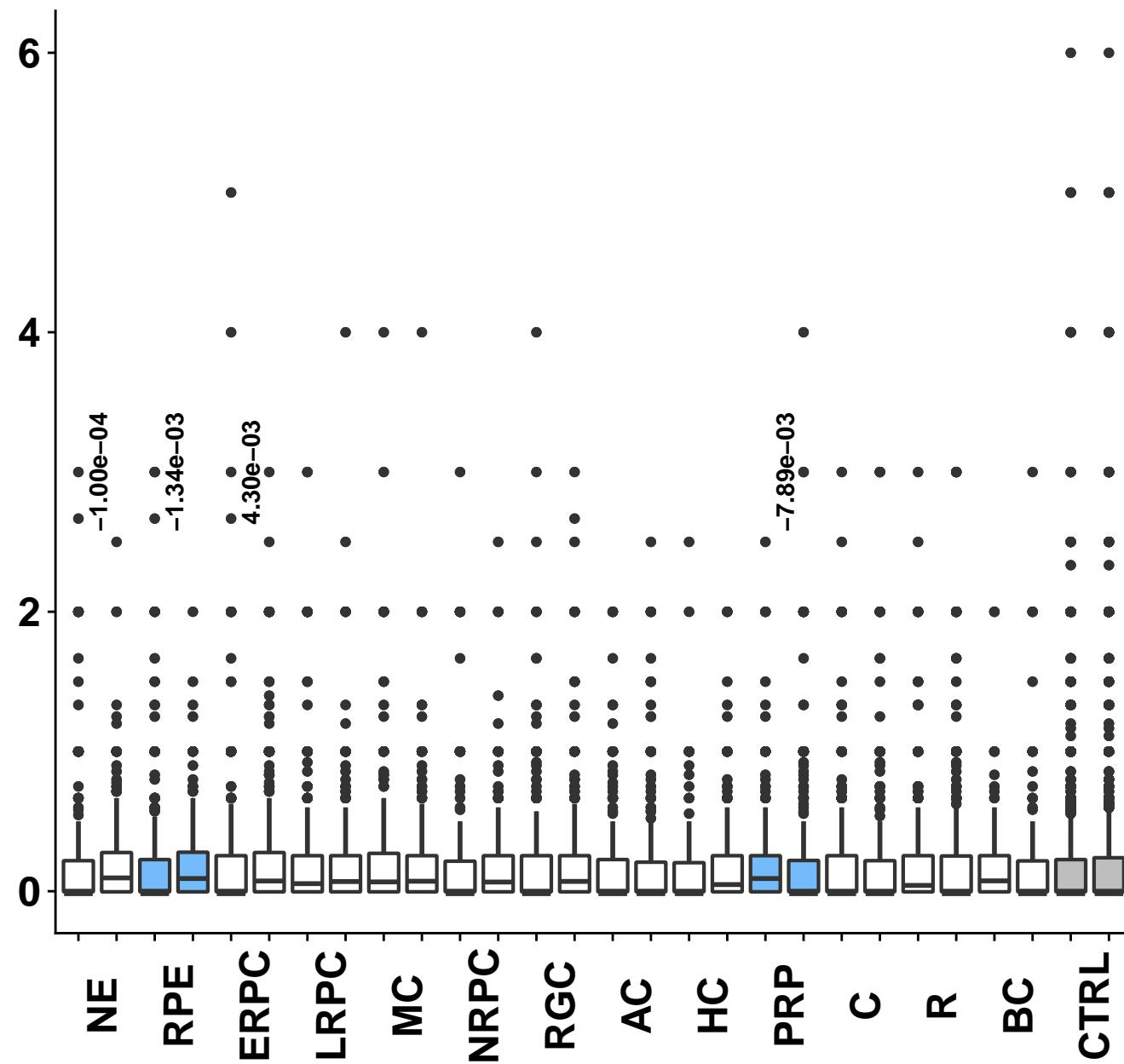
**Jun\_17\_mean**



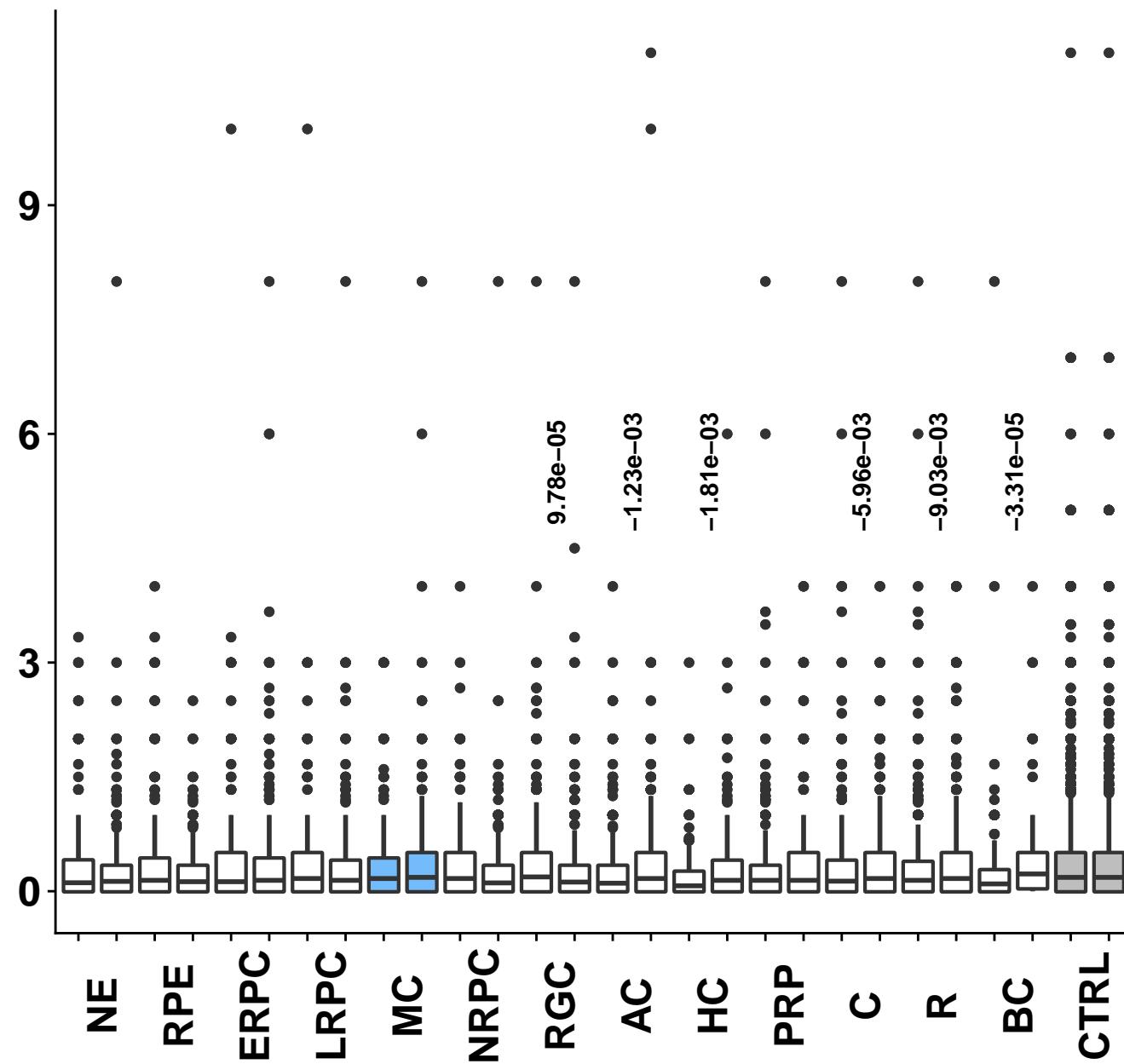
## Jun\_18\_mean



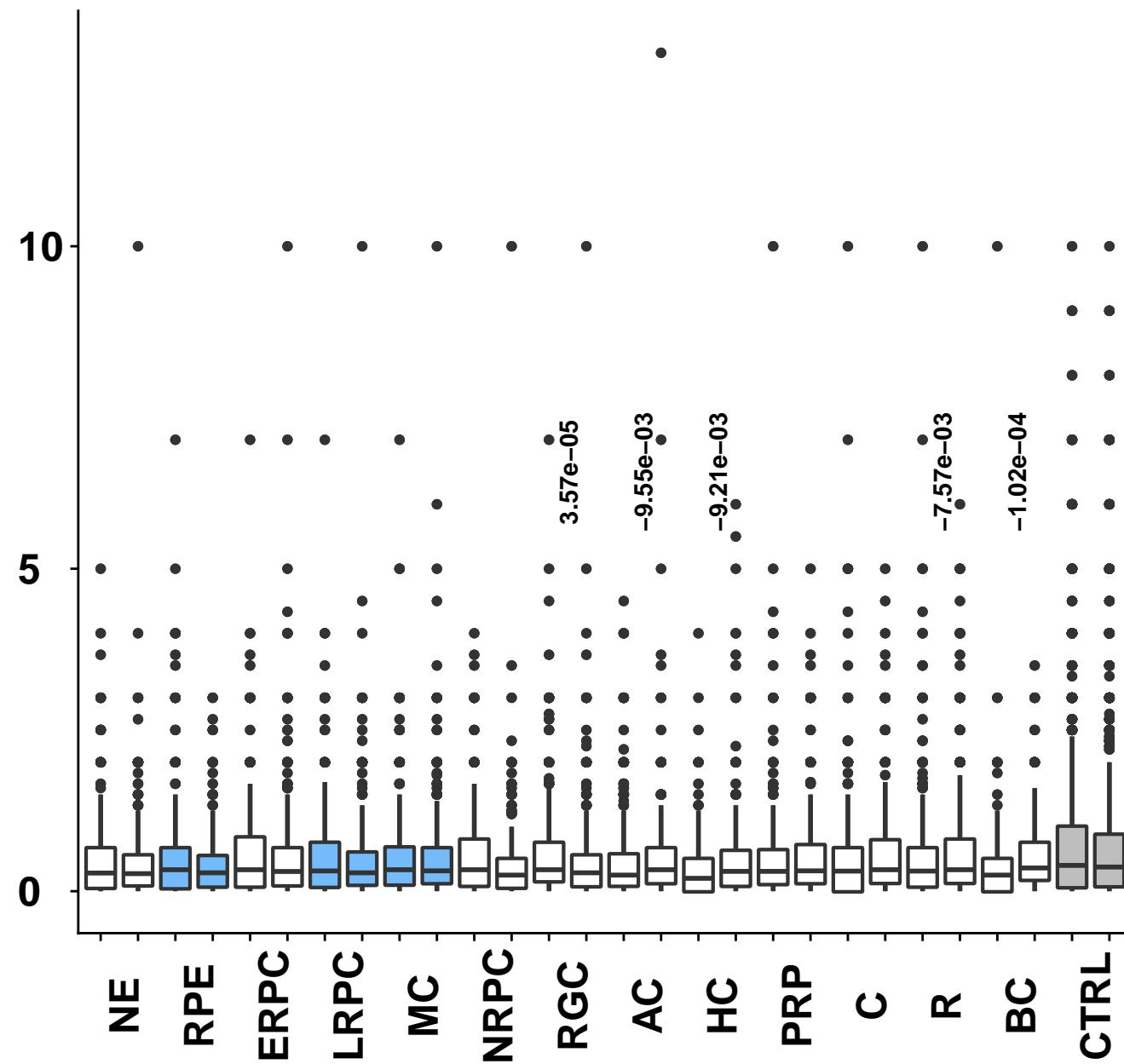
## Jun\_19\_mean



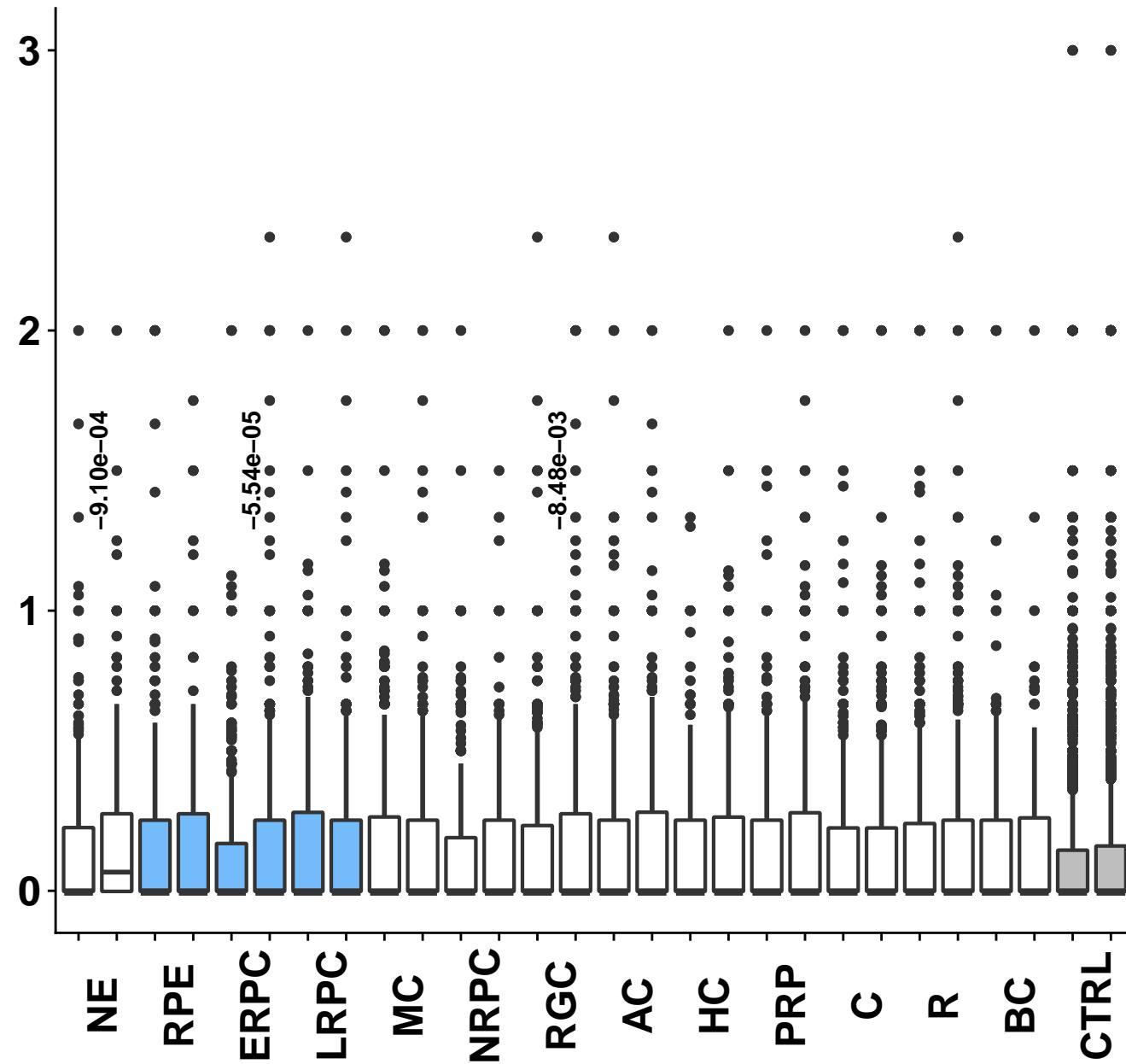
# Klf3\_1\_mean



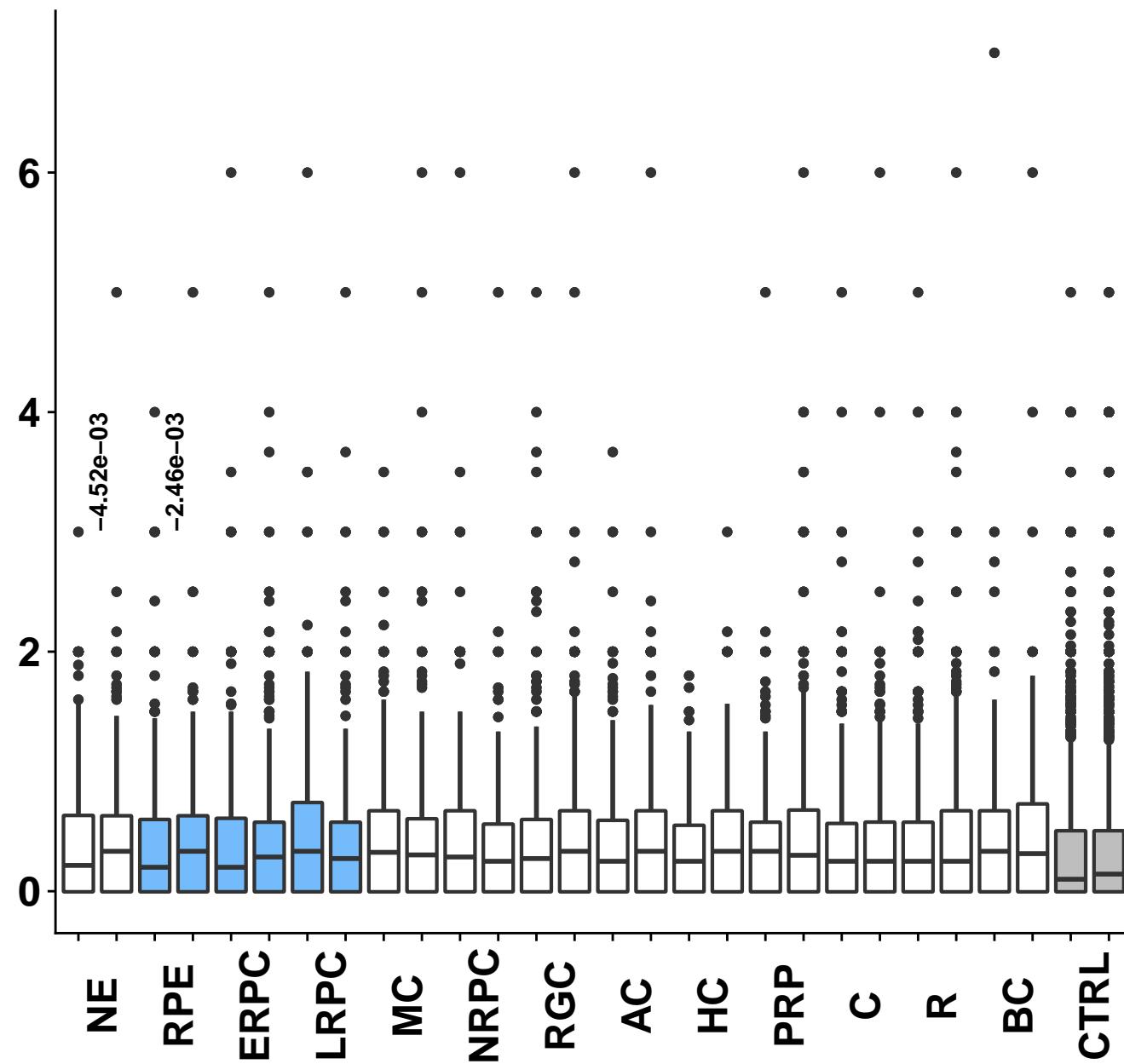
# Klf6\_1\_mean

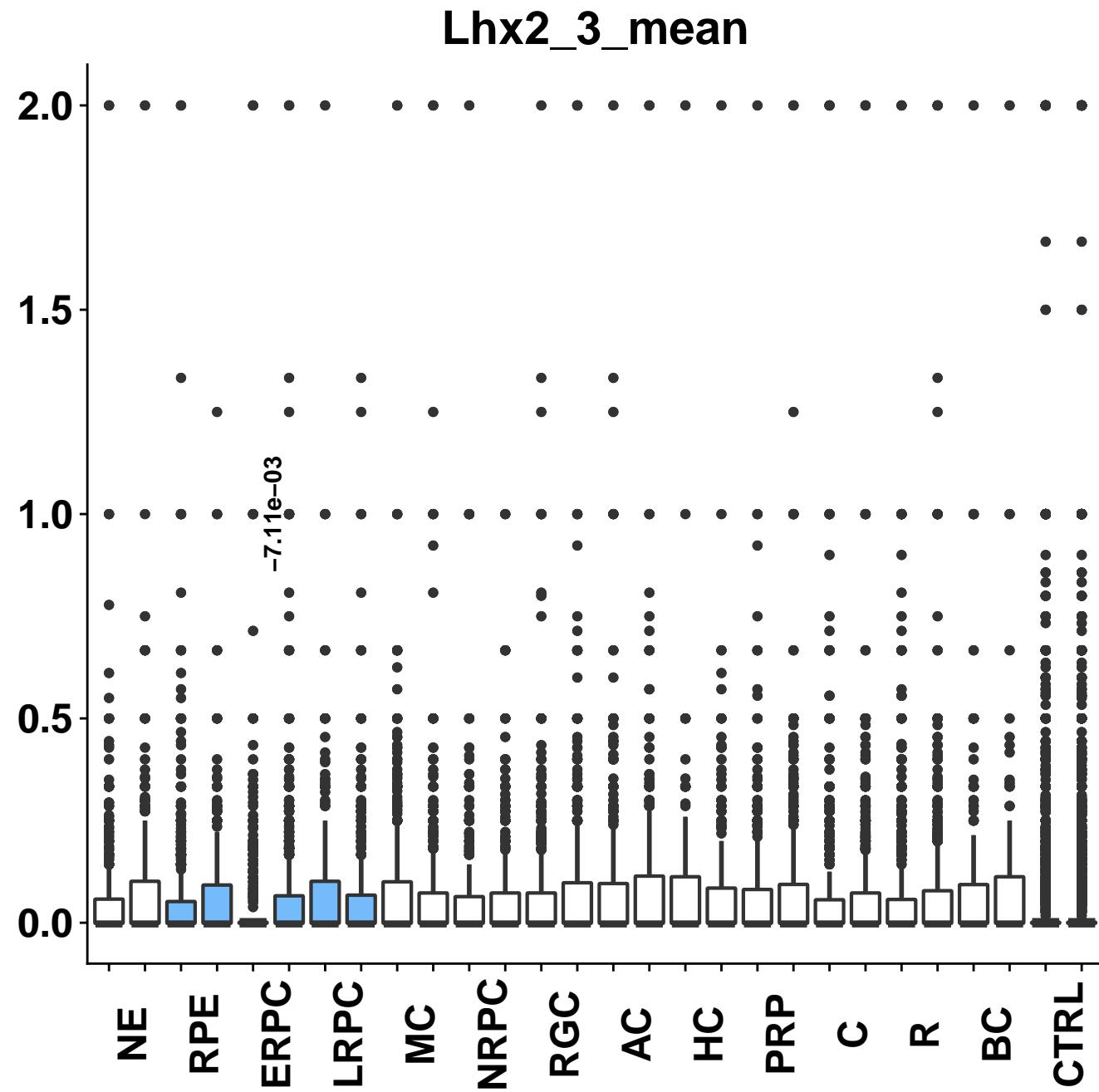


## Lhx2\_1\_mean

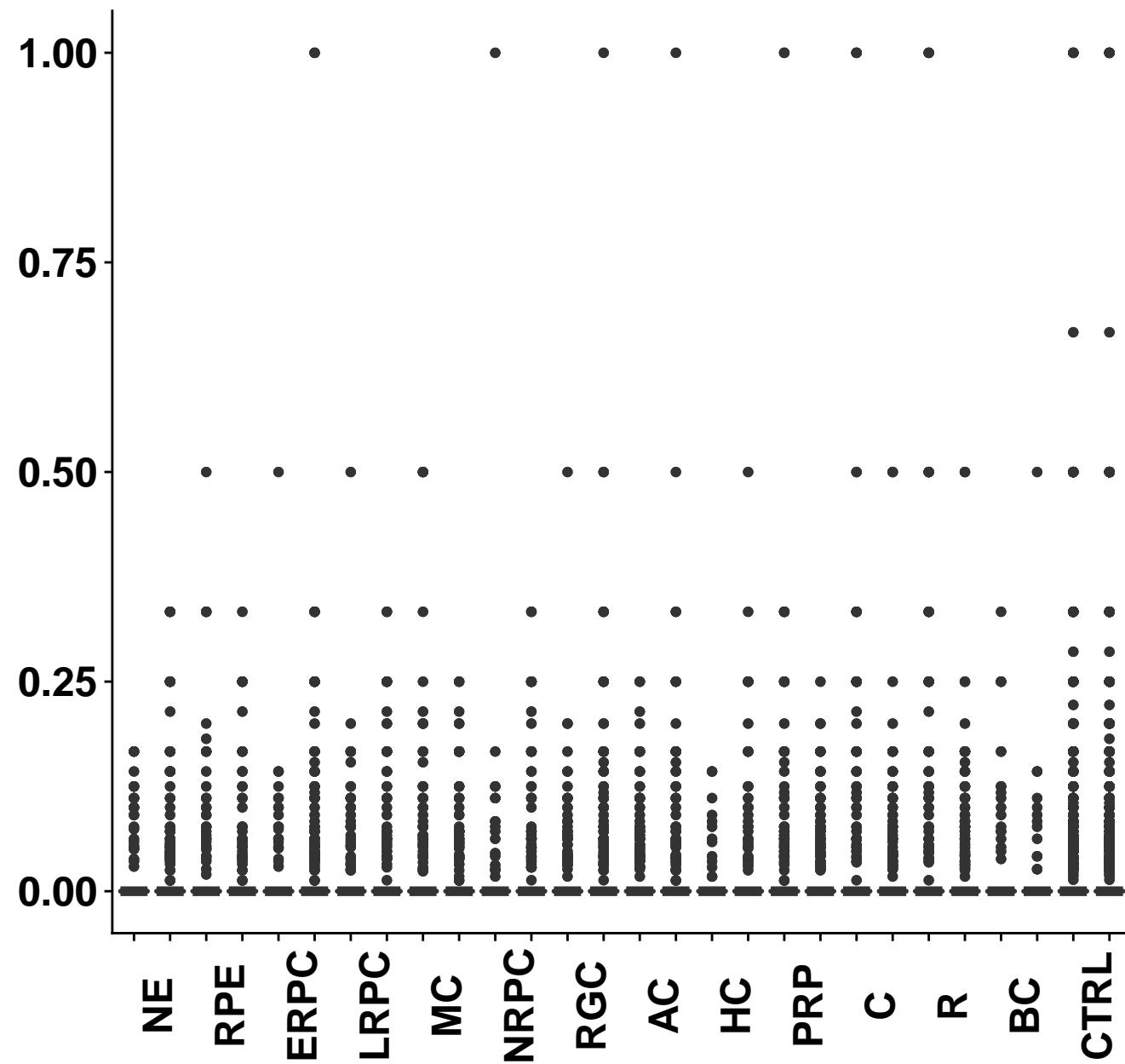


## Lhx2\_2\_mean

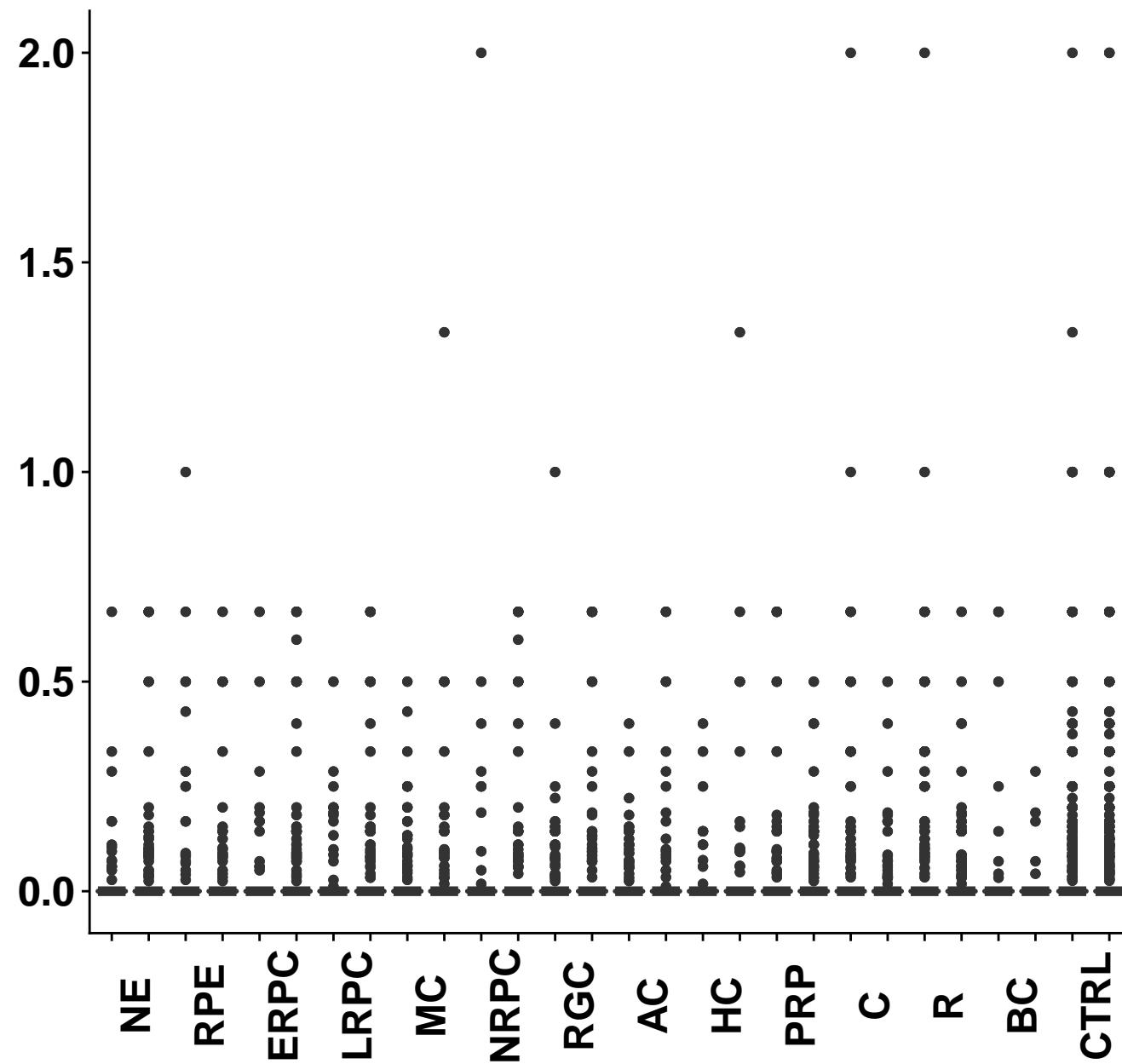




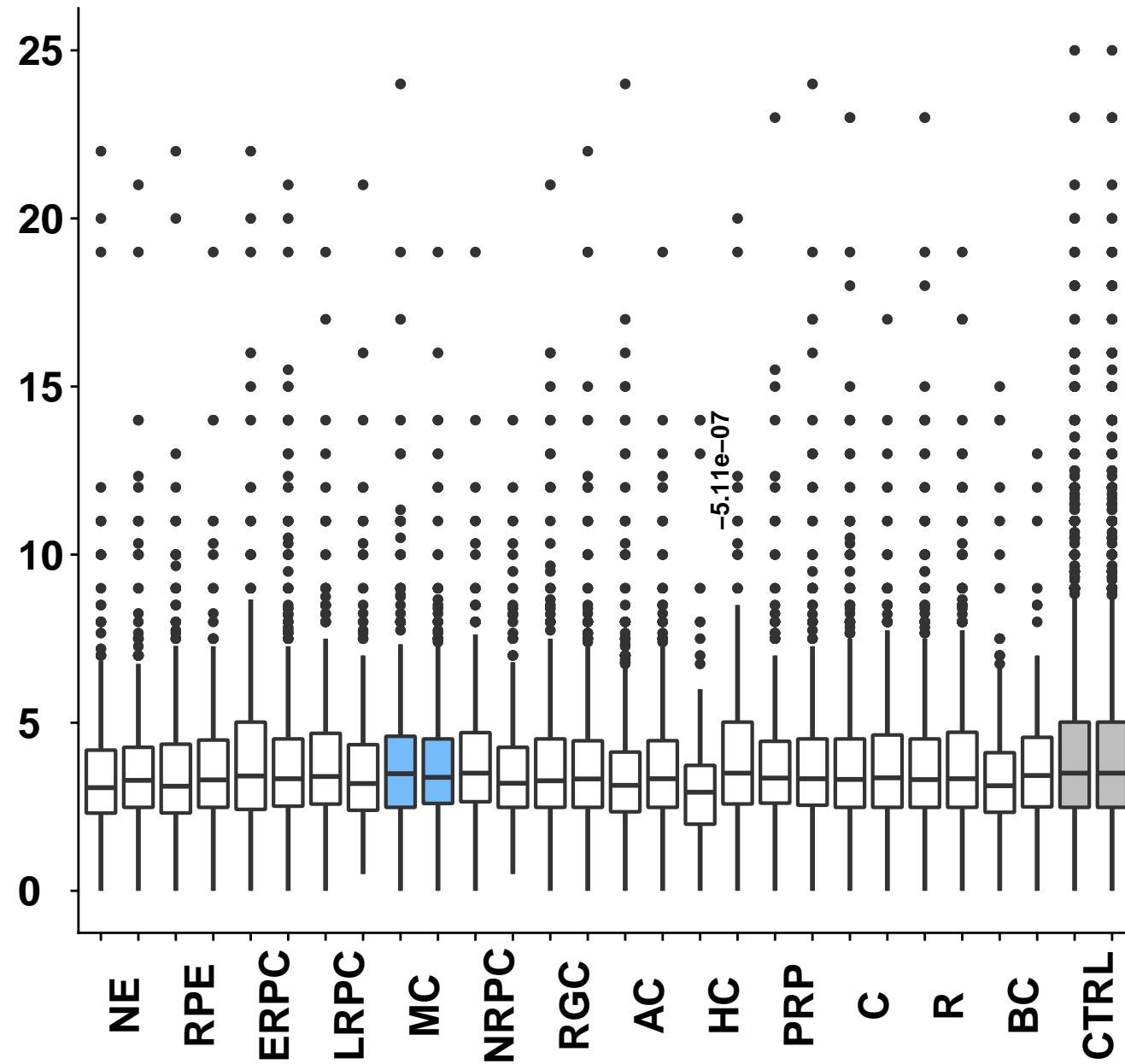
## Maff\_1\_mean



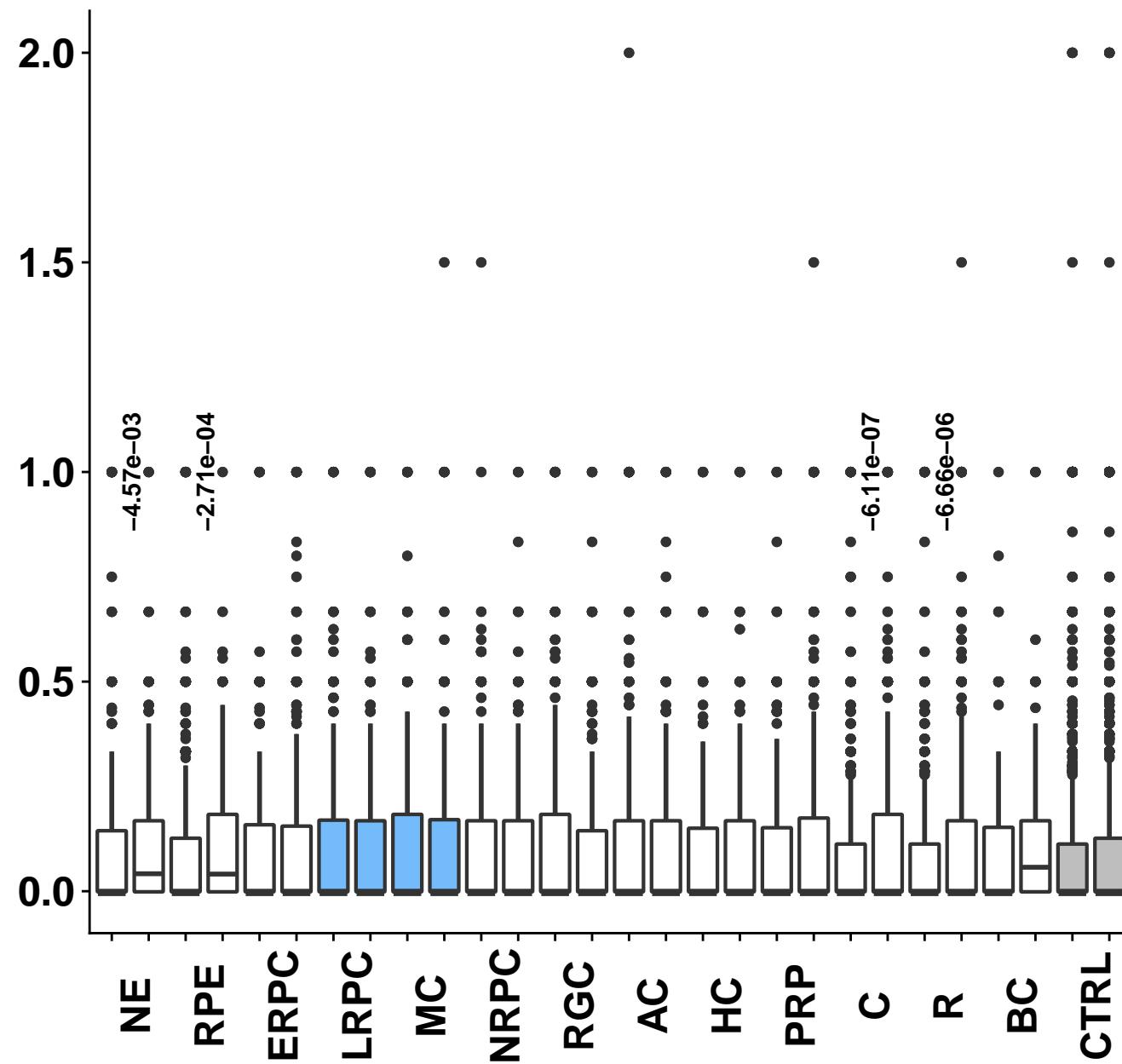
## Maff\_2\_mean



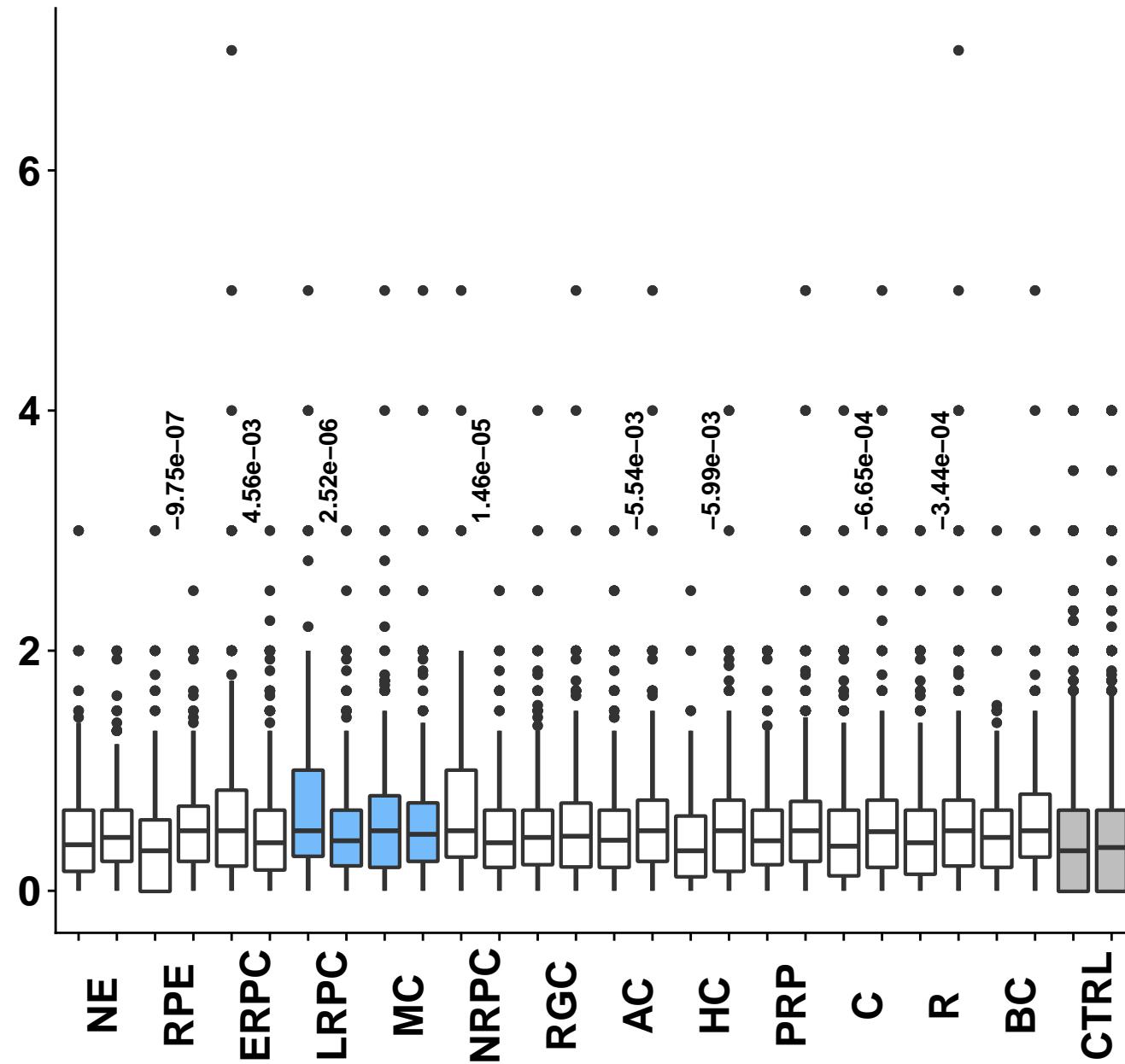
# Nfix\_1\_mean



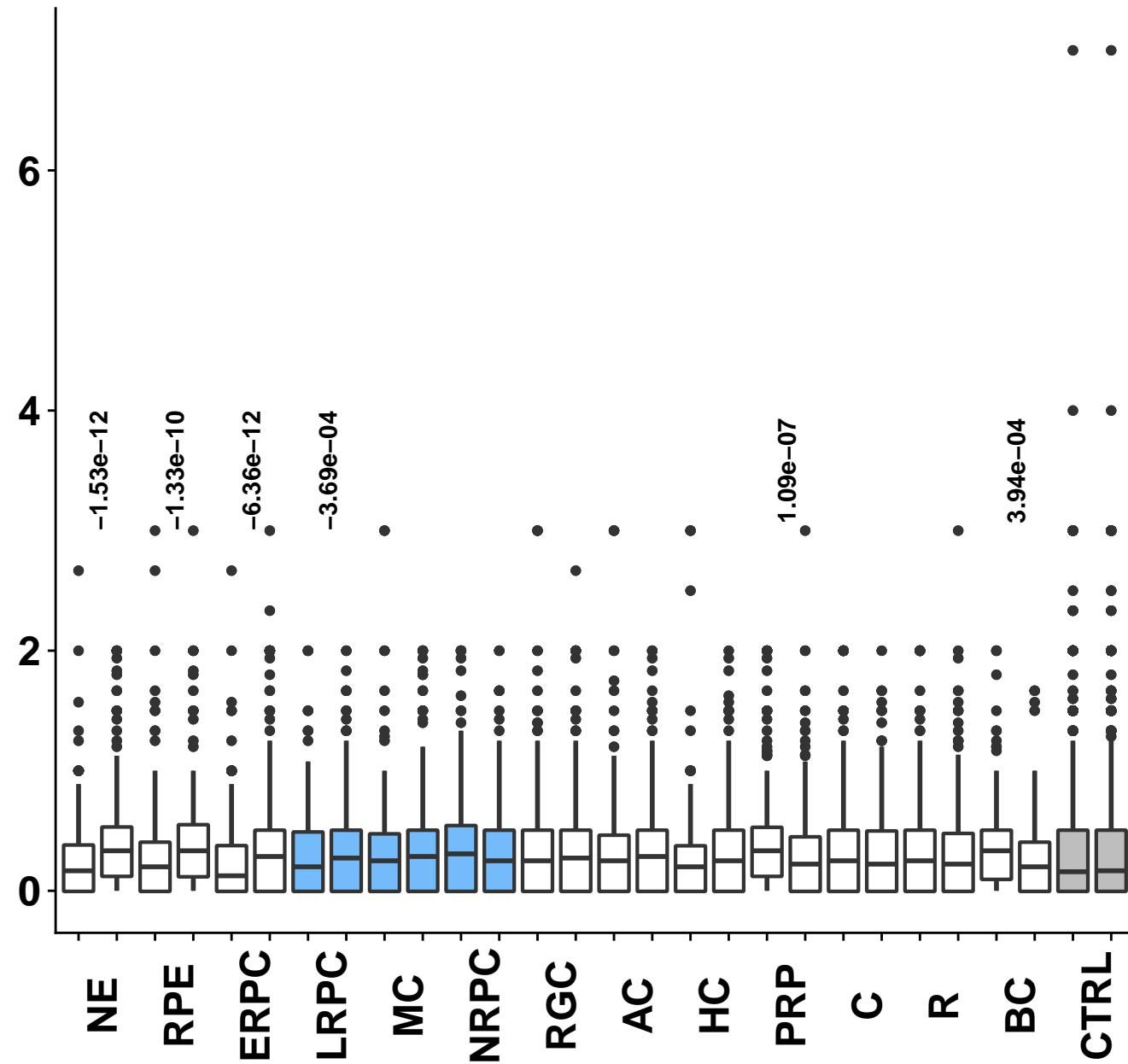
## Sox9\_1\_mean



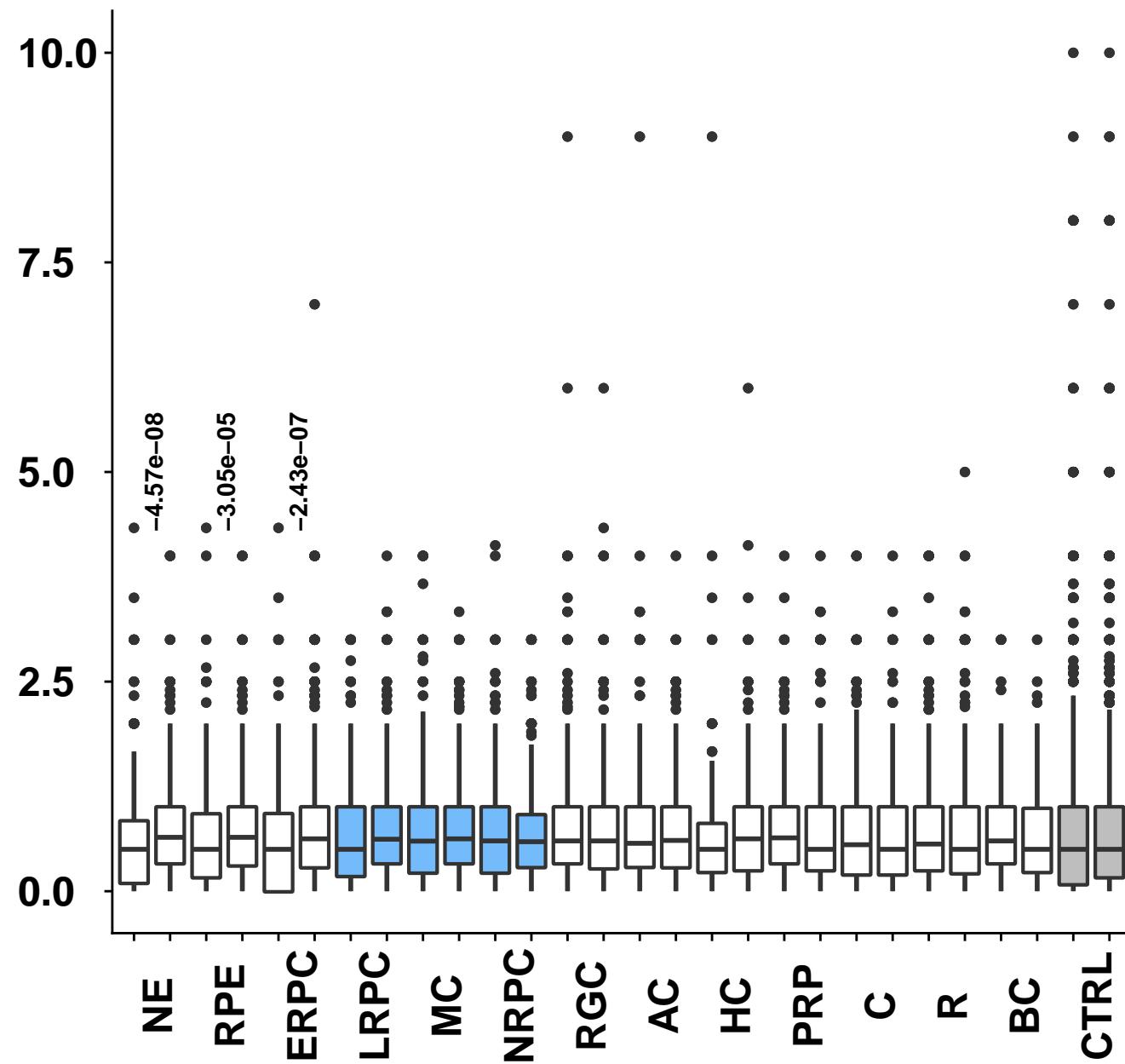
## Sox9\_2\_mean



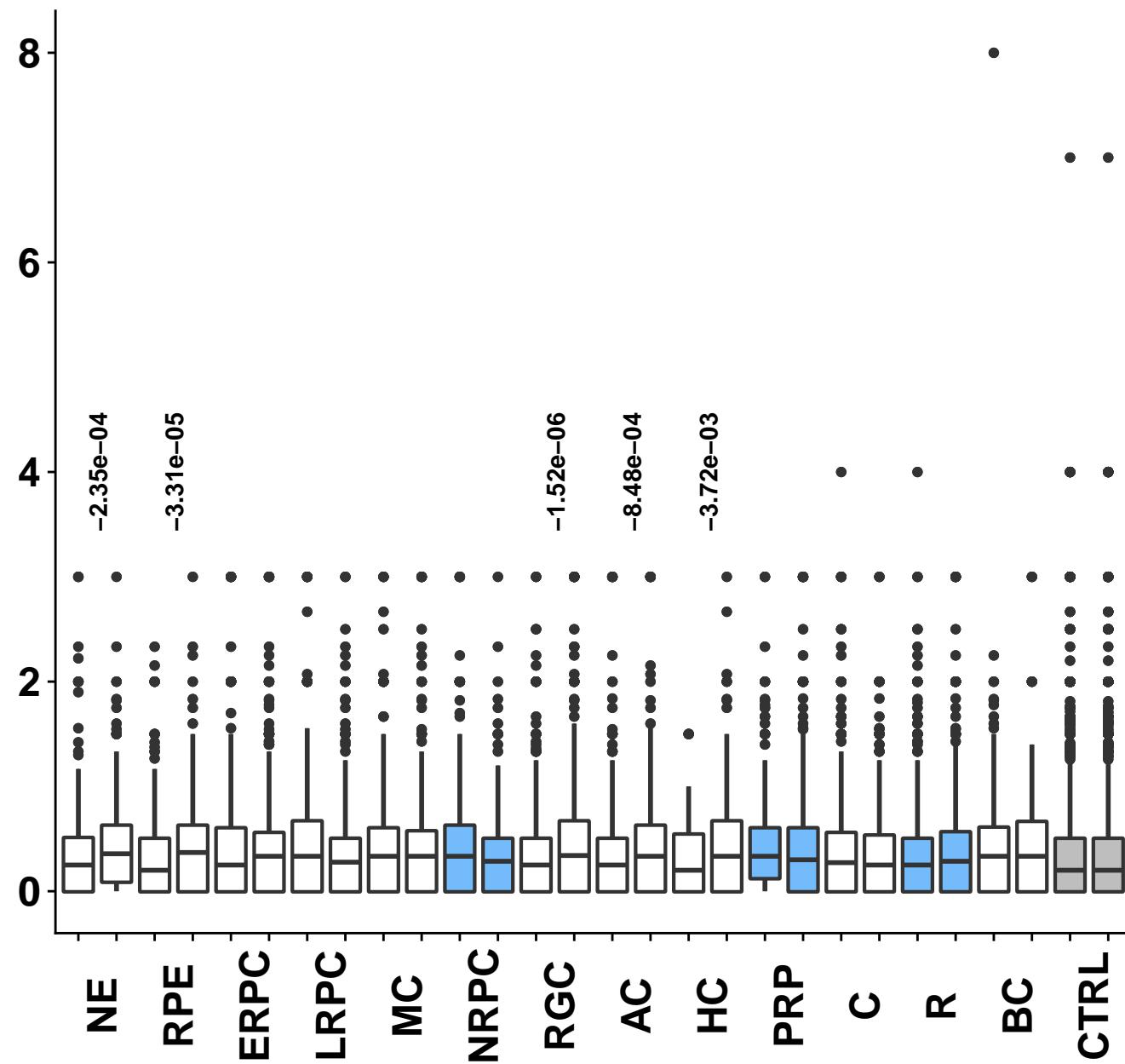
## Tcf4\_1\_mean



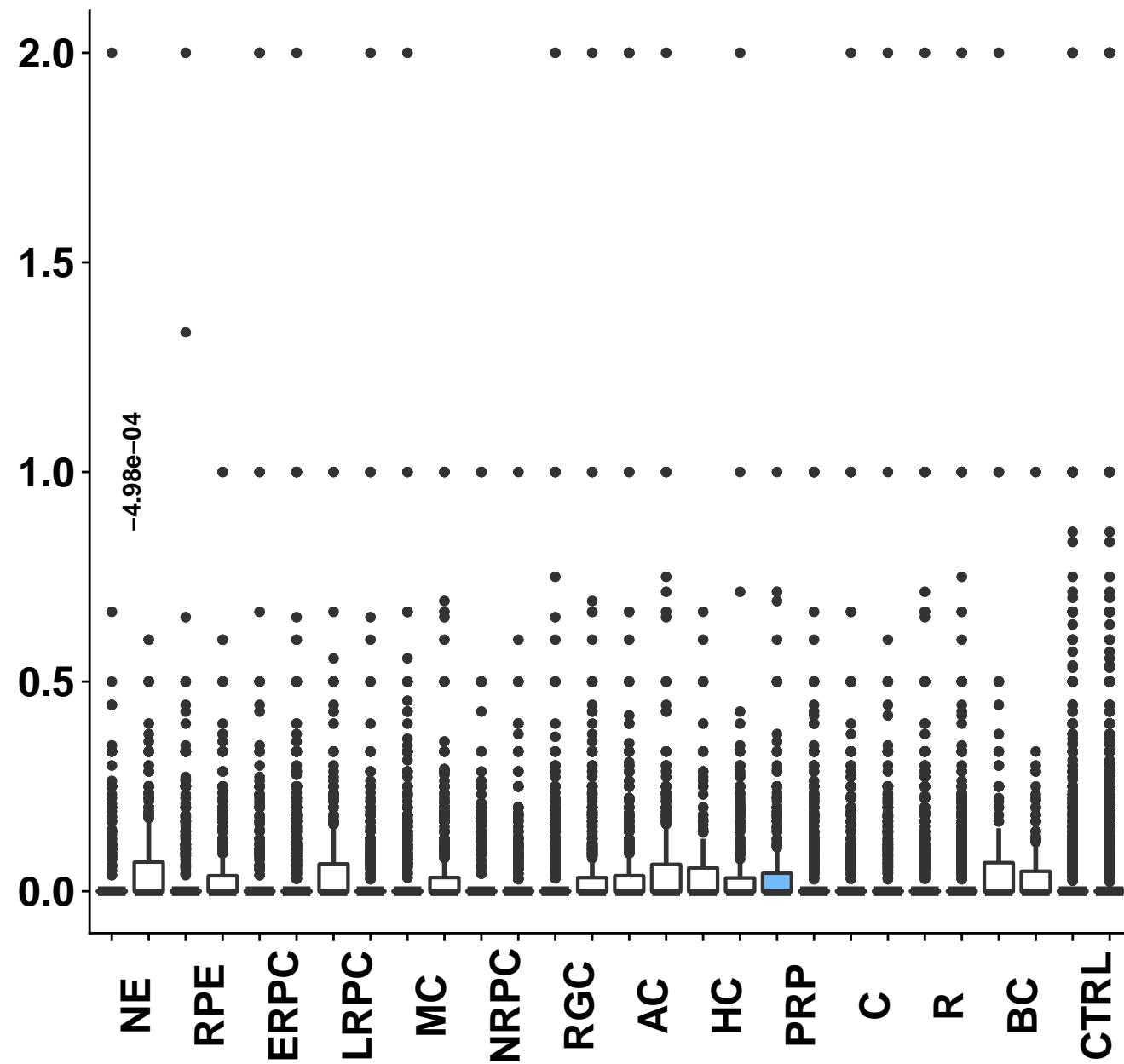
## Tcf4\_2\_mean



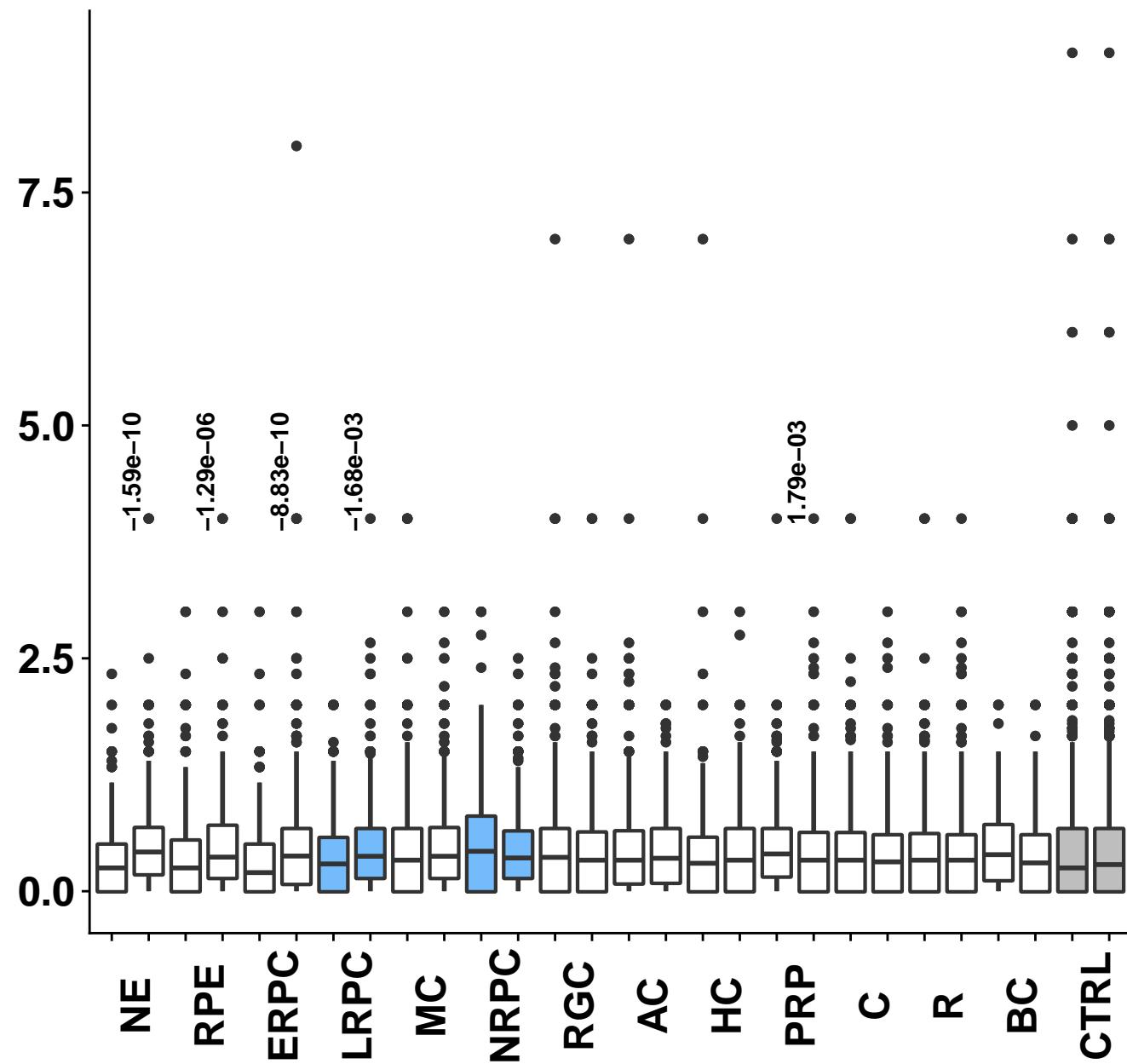
## Rax\_2\_mean



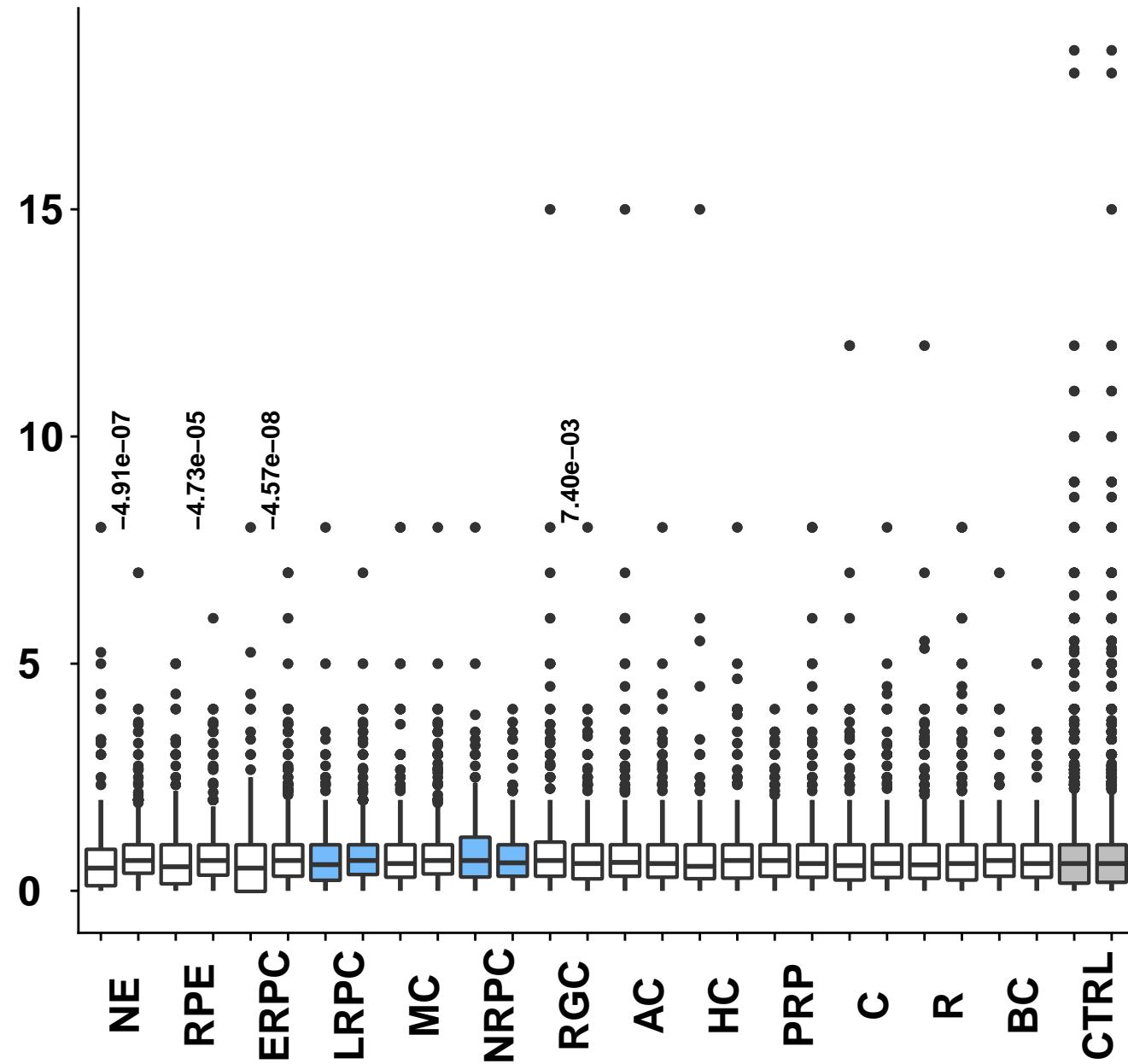
### Rax\_3\_mean



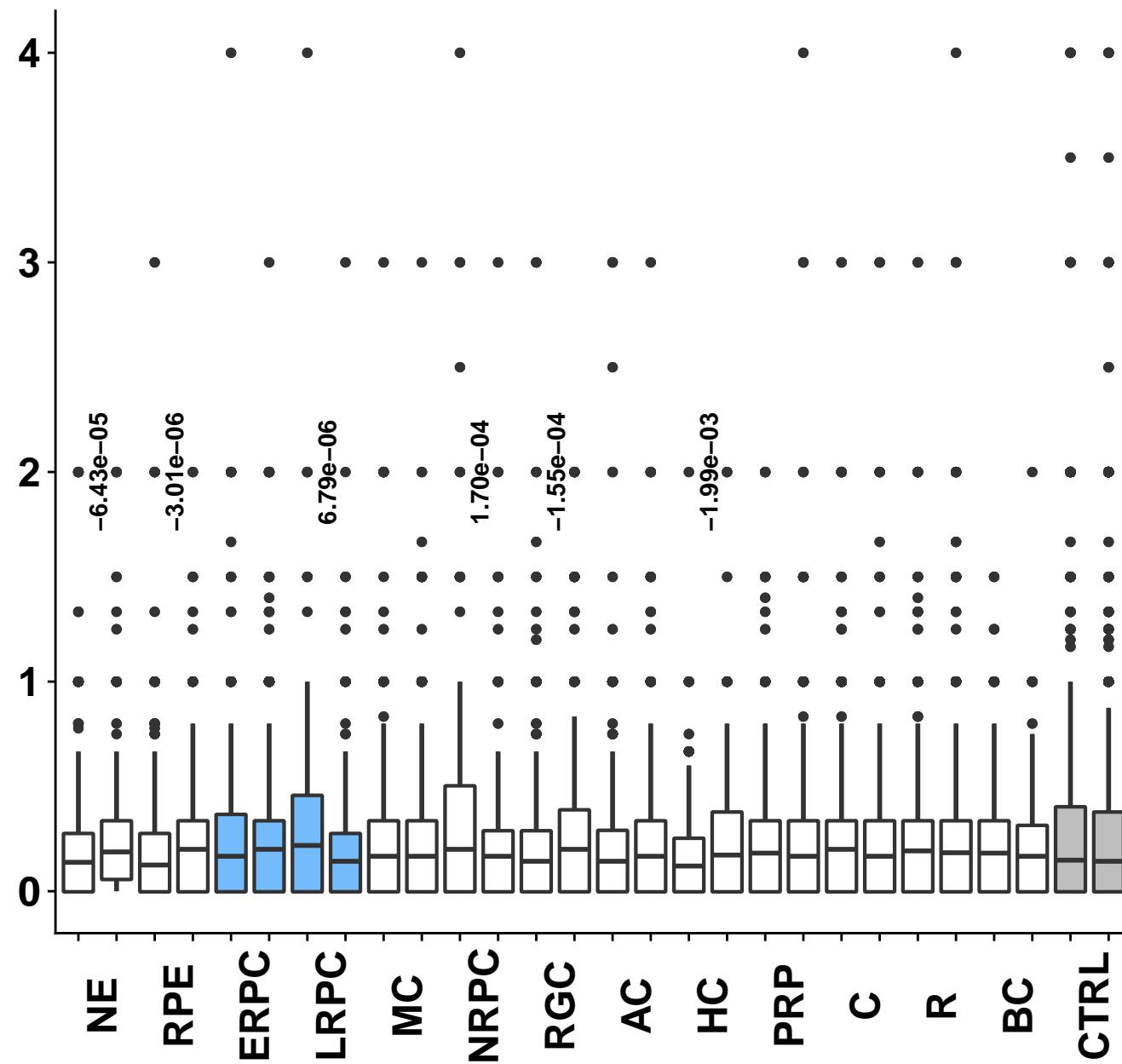
## Ascl1\_1\_mean



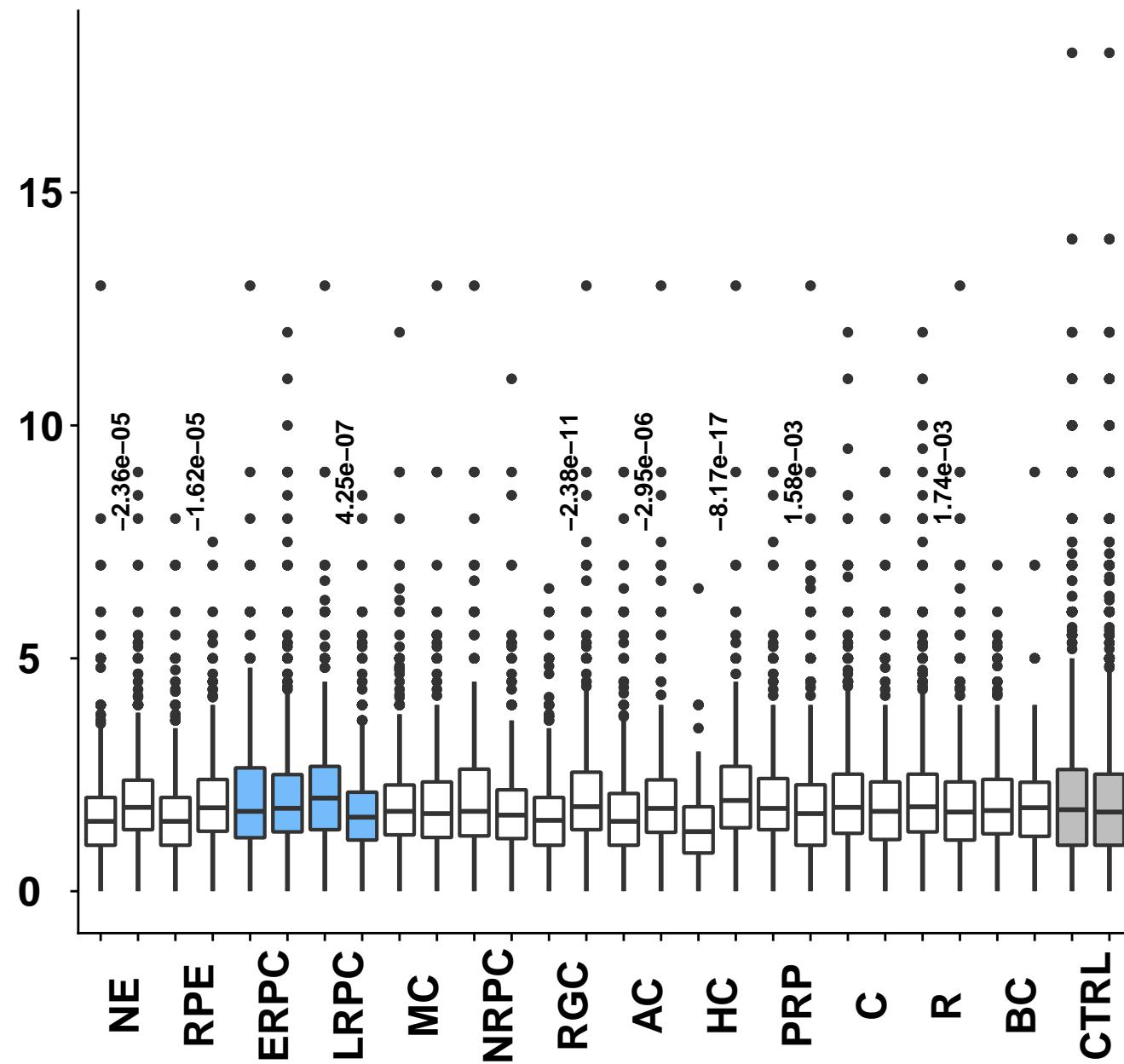
## Ascl1\_2\_mean



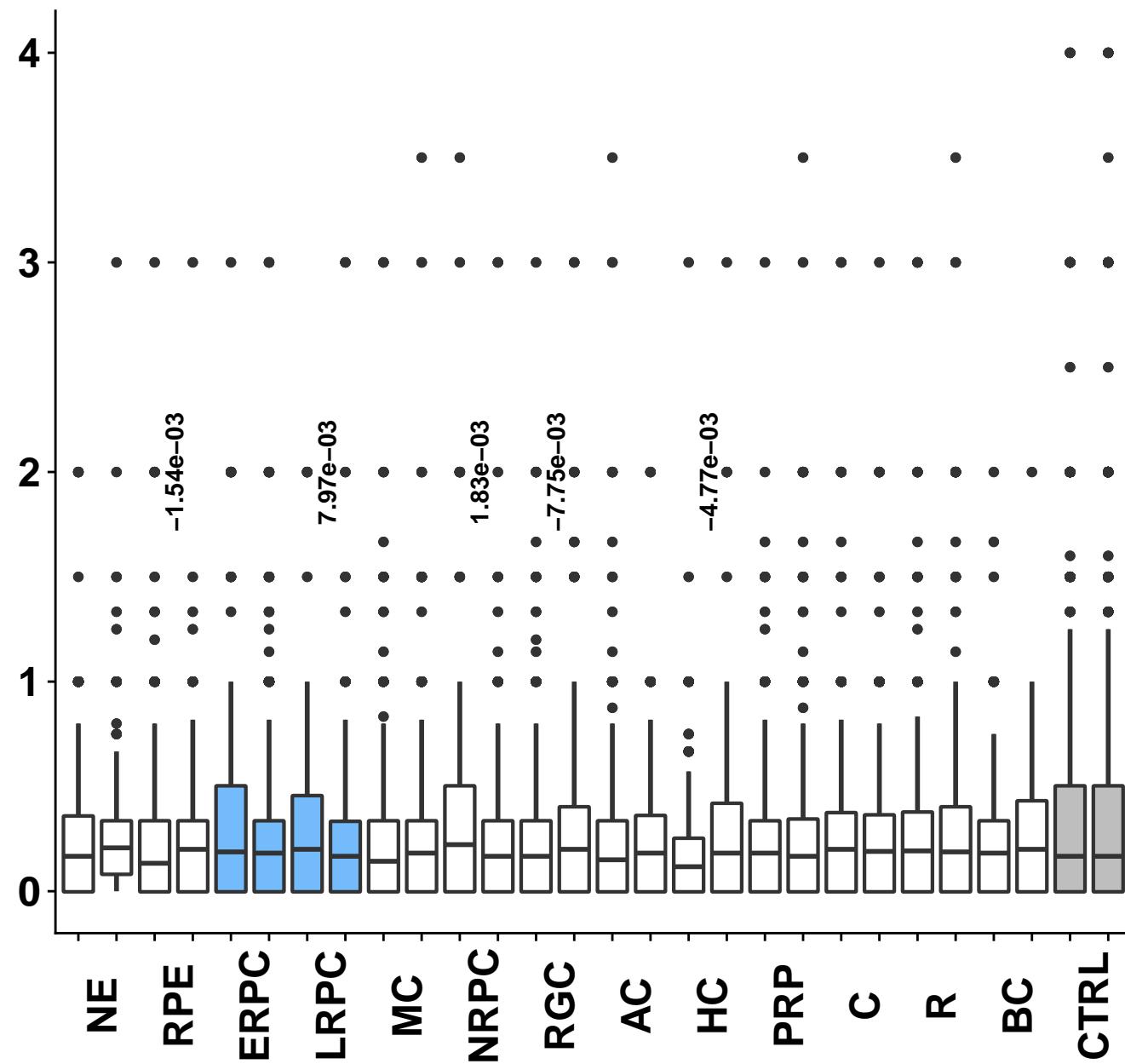
### Myb\_3\_mean



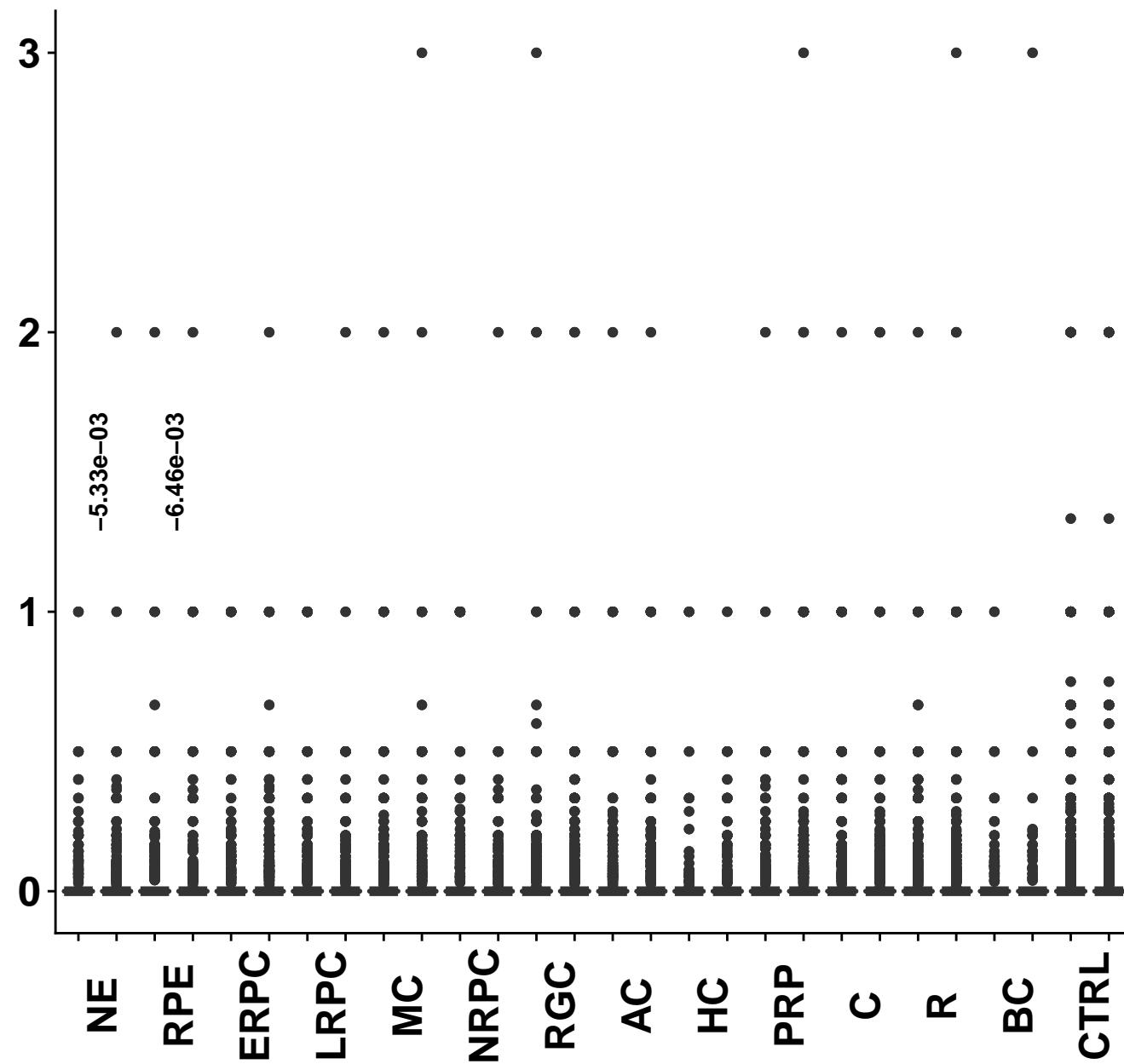
## Myb\_4\_mean



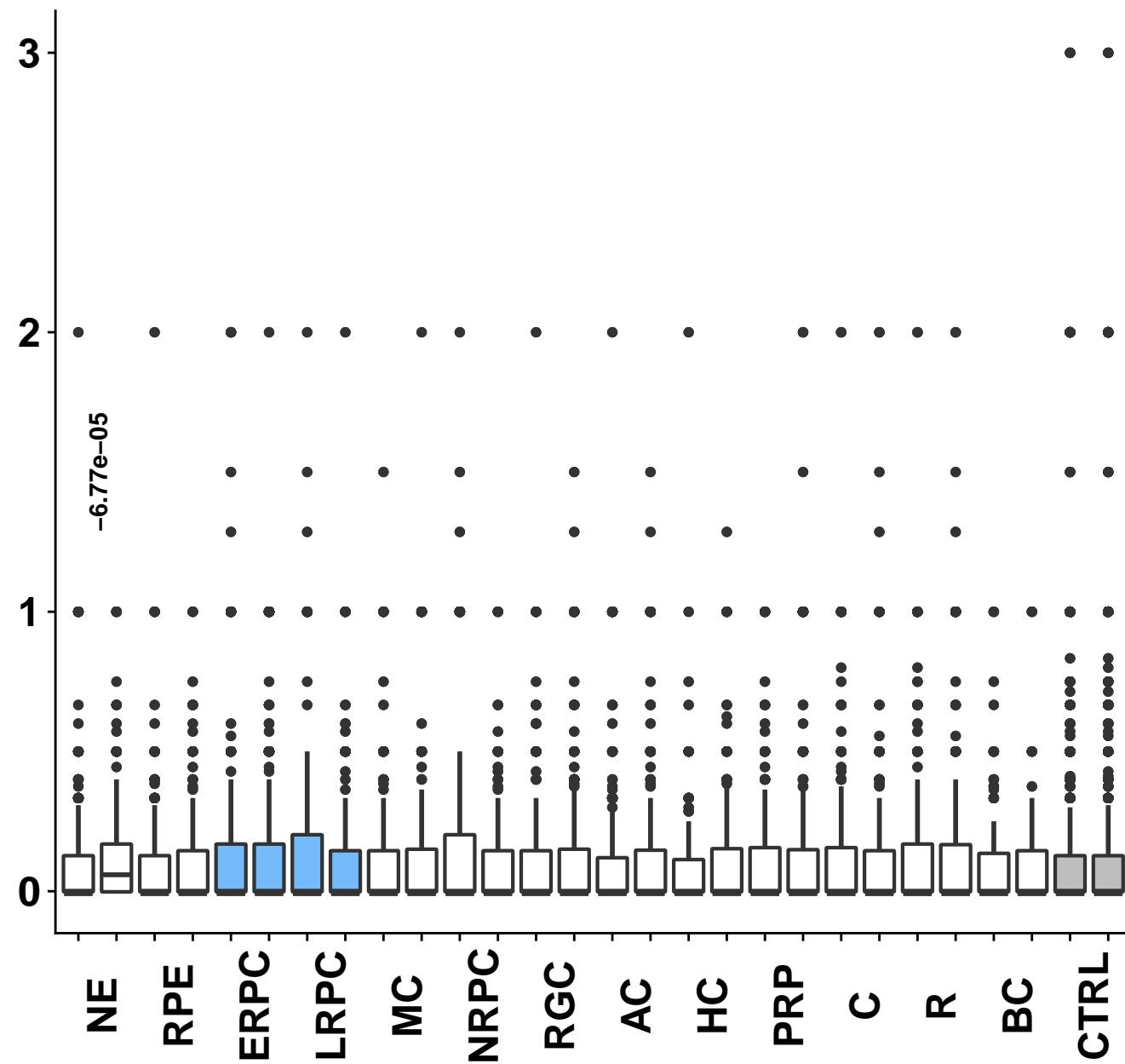
## Myb\_7\_mean



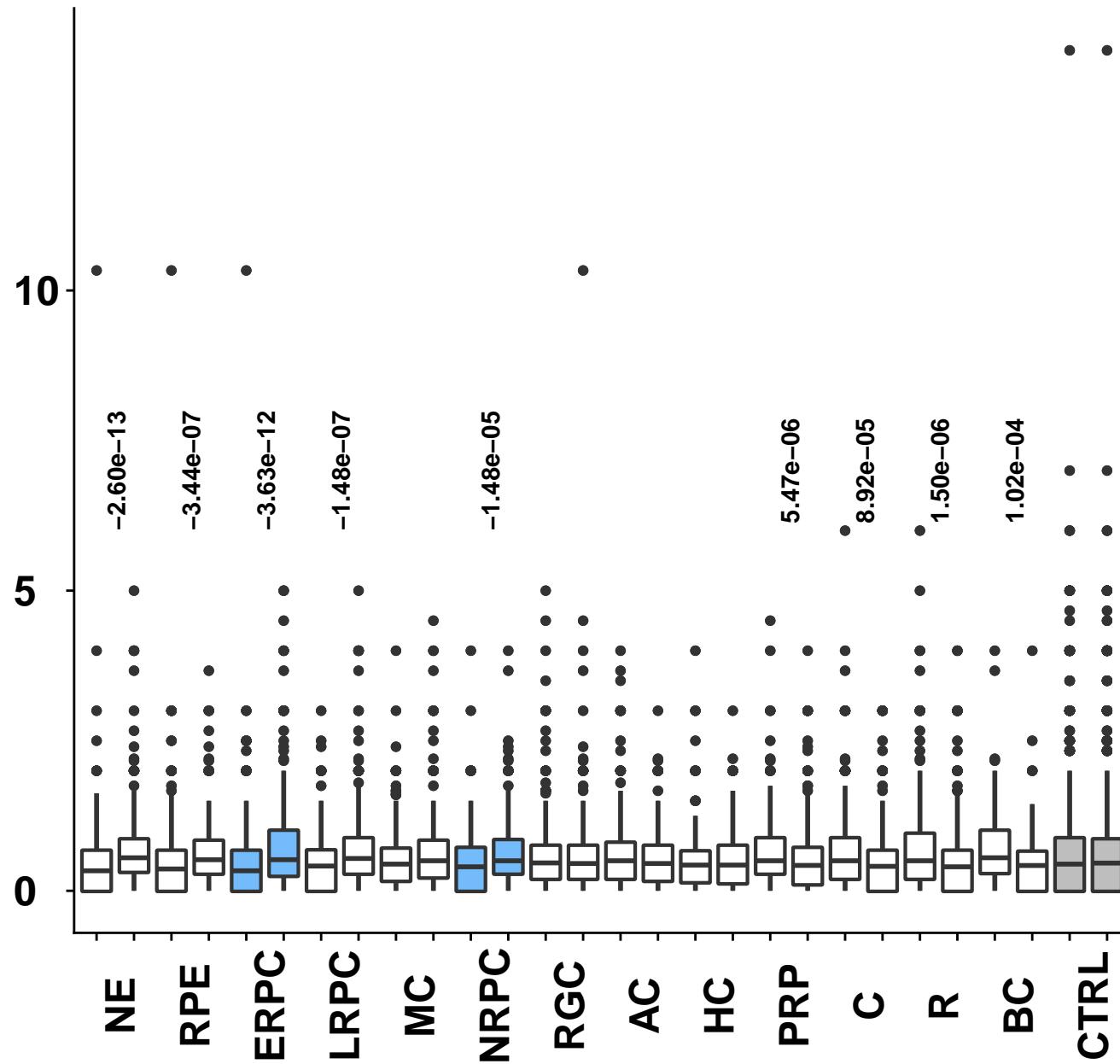
## Myb\_8\_mean



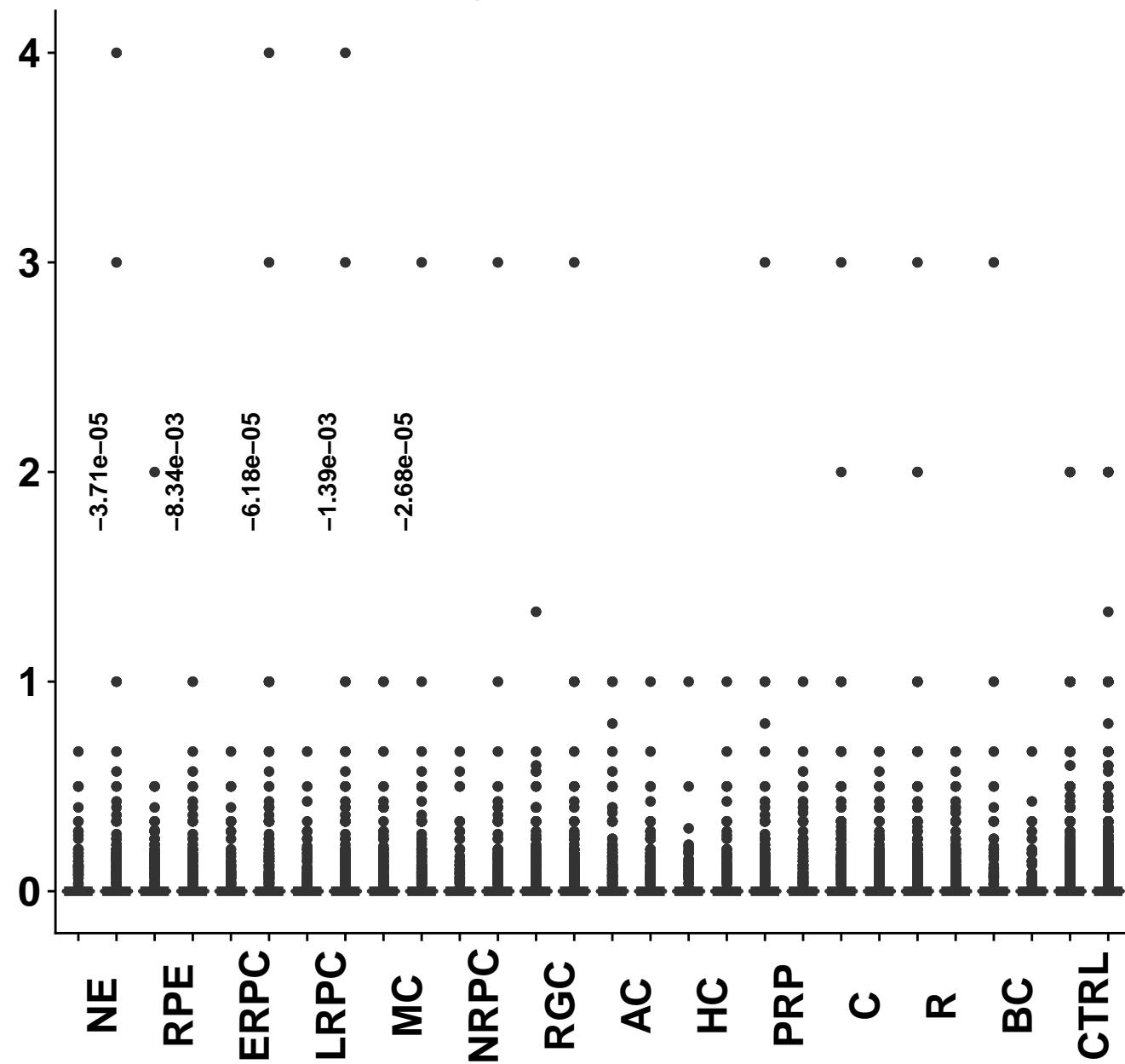
## Myb\_10\_mean



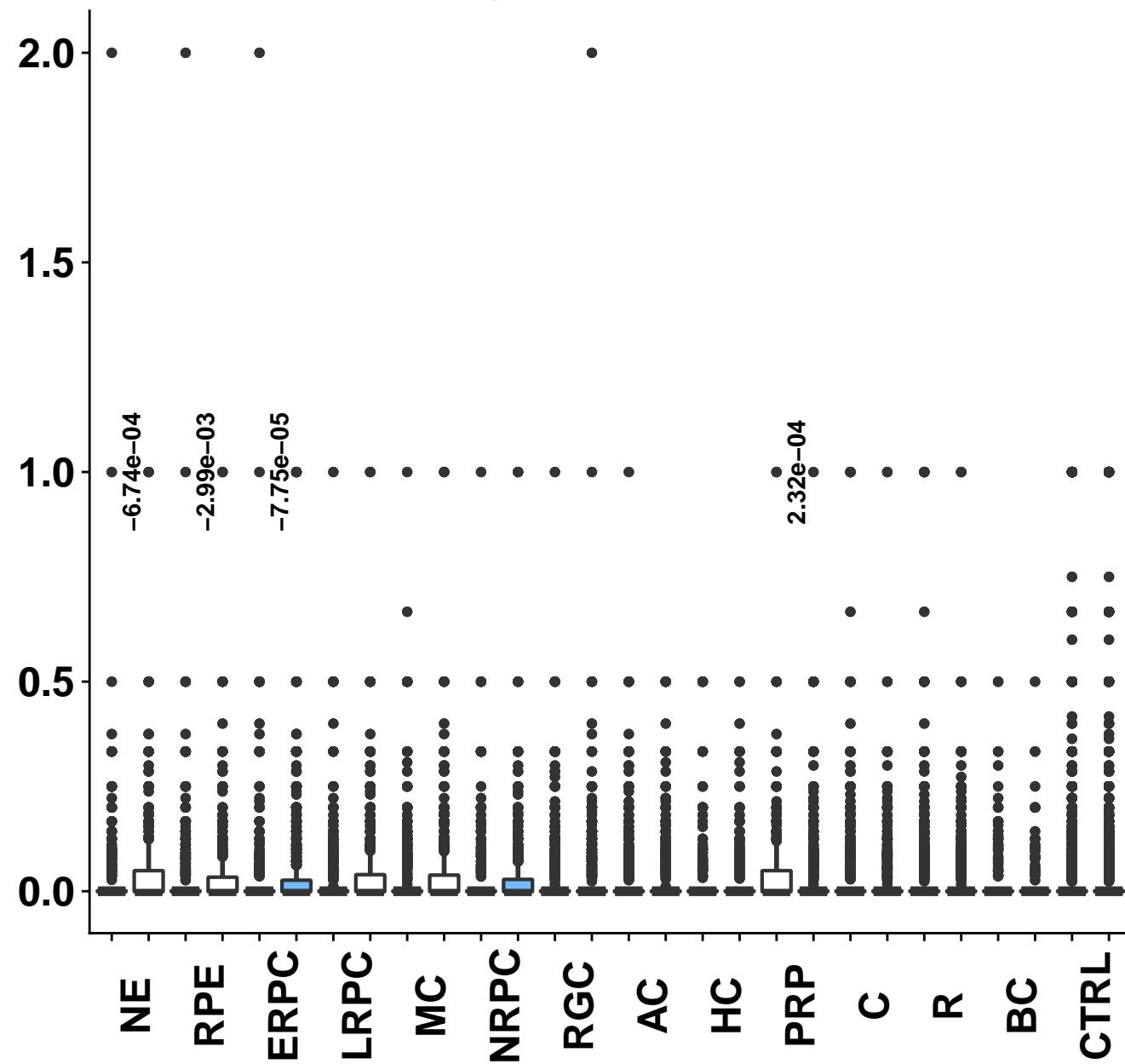
# Tgif2\_1\_mean



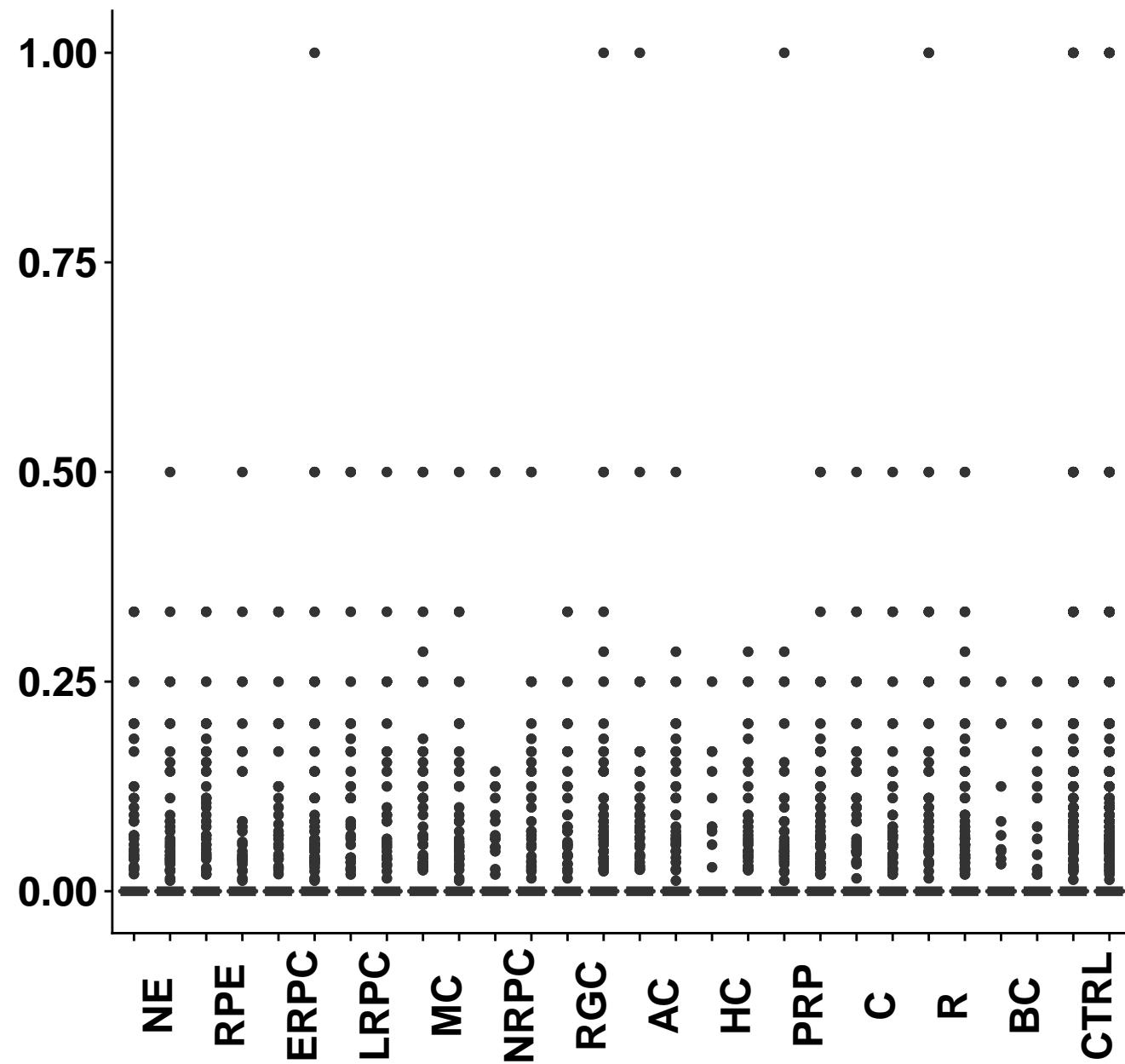
## Tgif2\_2\_mean



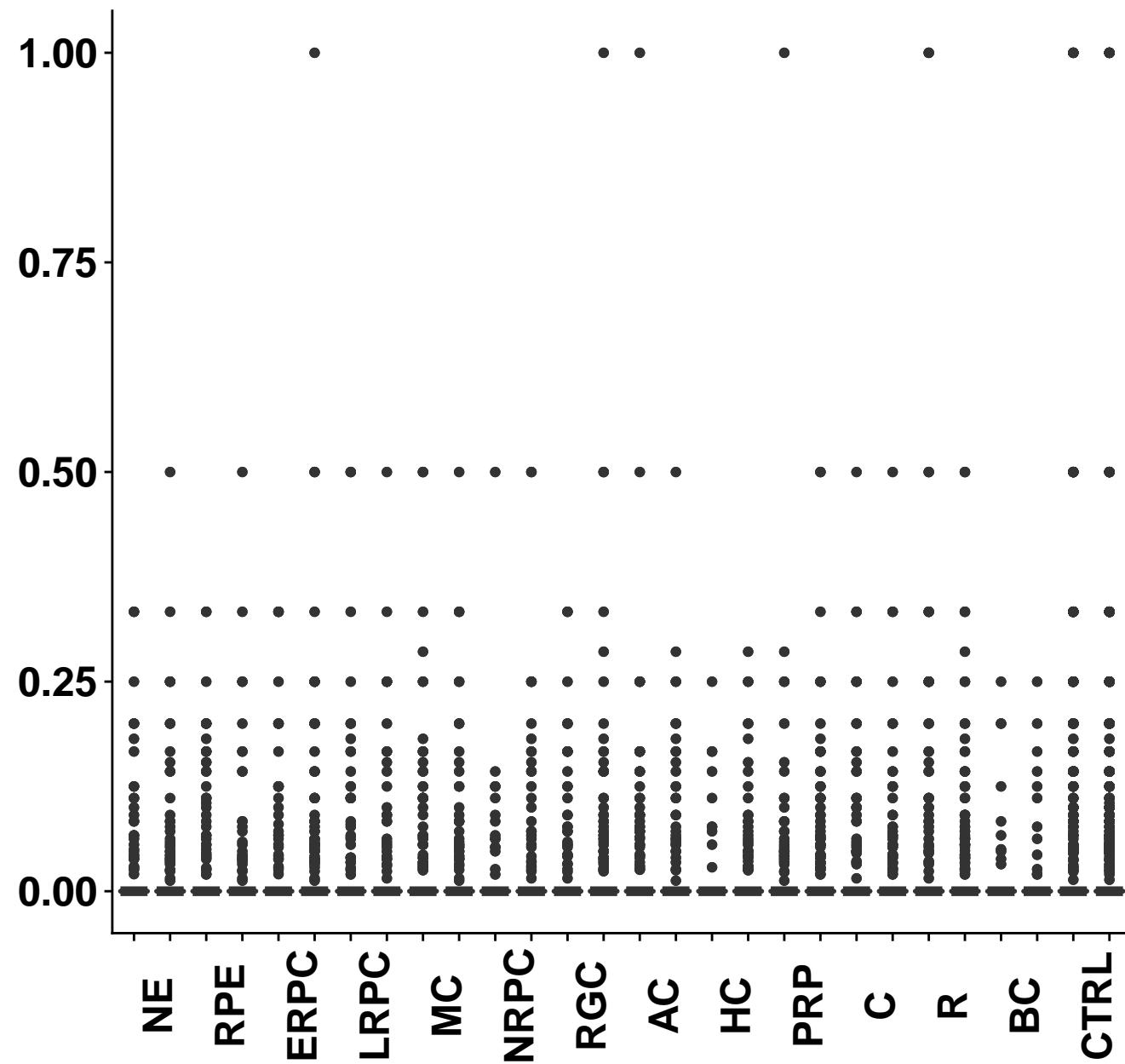
### Tgif2\_3\_mean



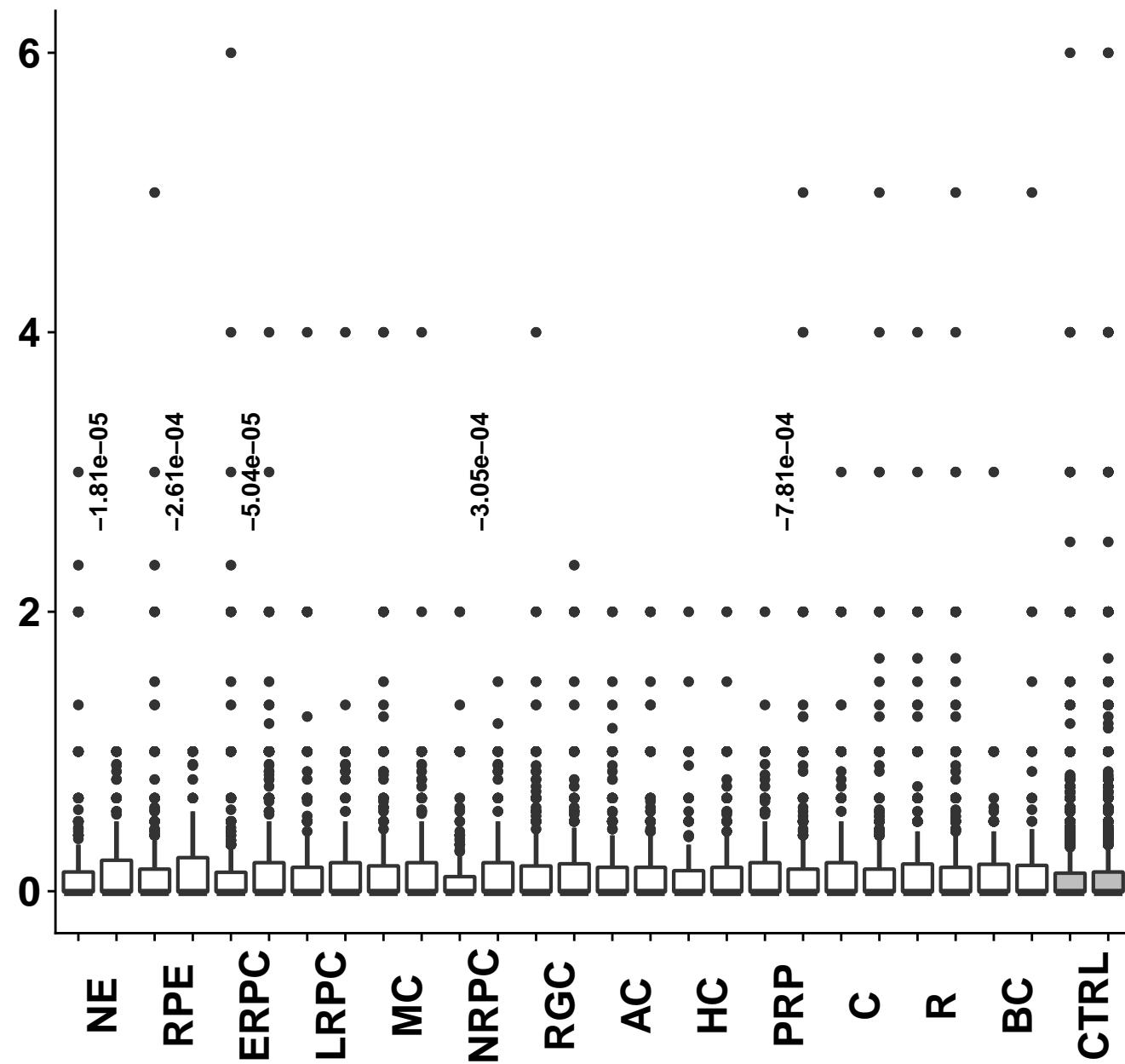
## Six3\_1\_mean



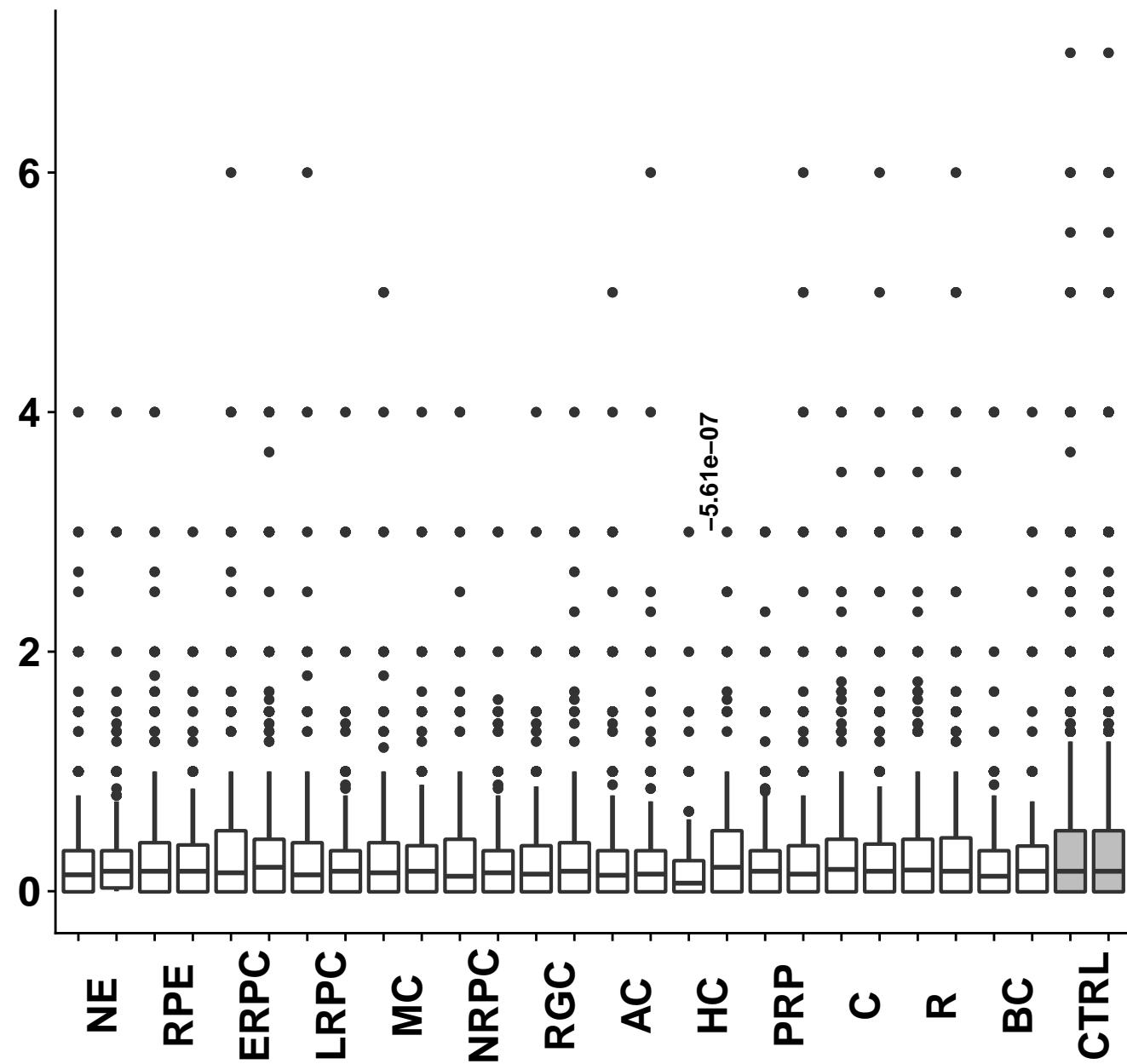
## Six3\_2\_mean



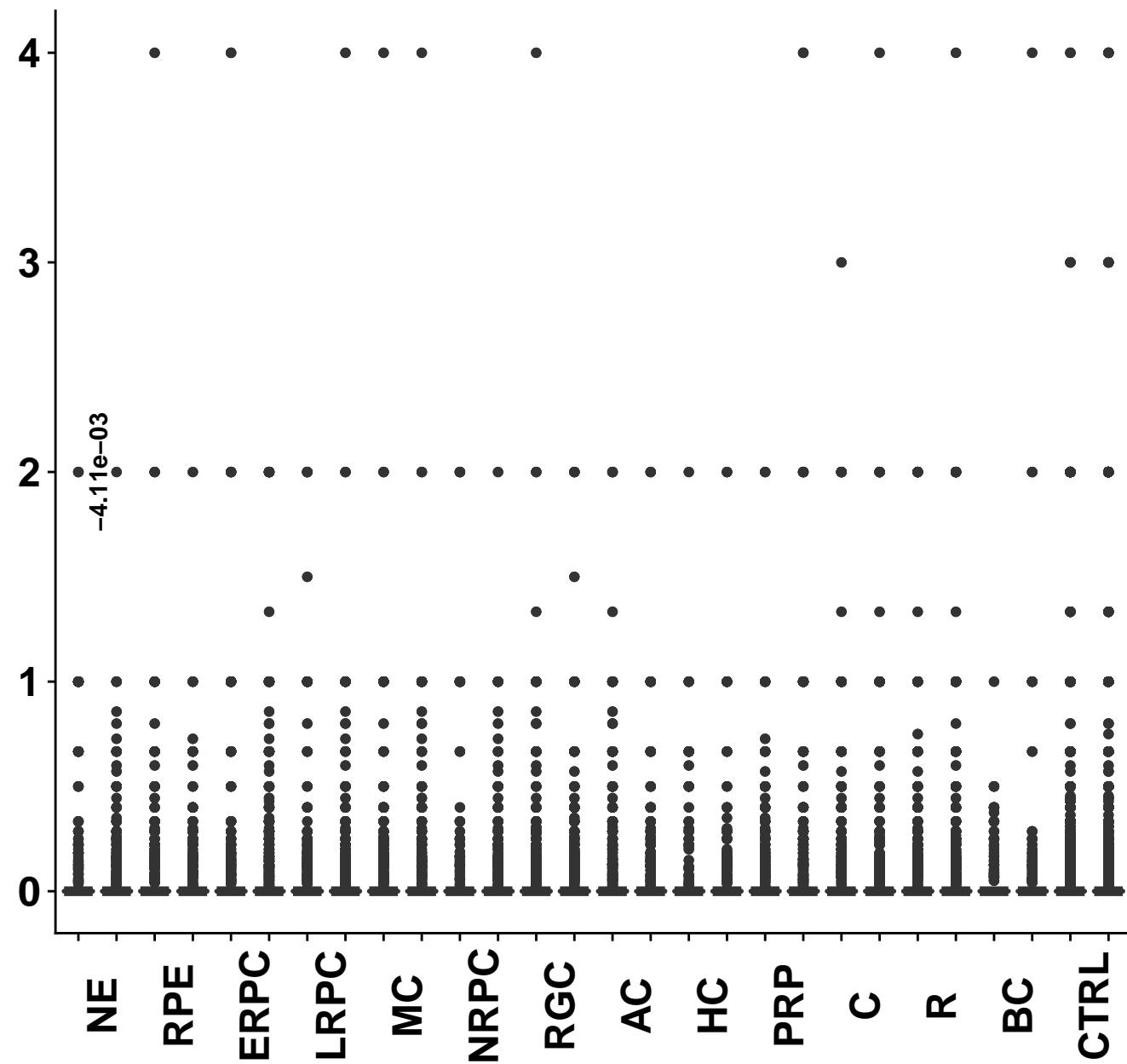
## Atf1\_1\_mean



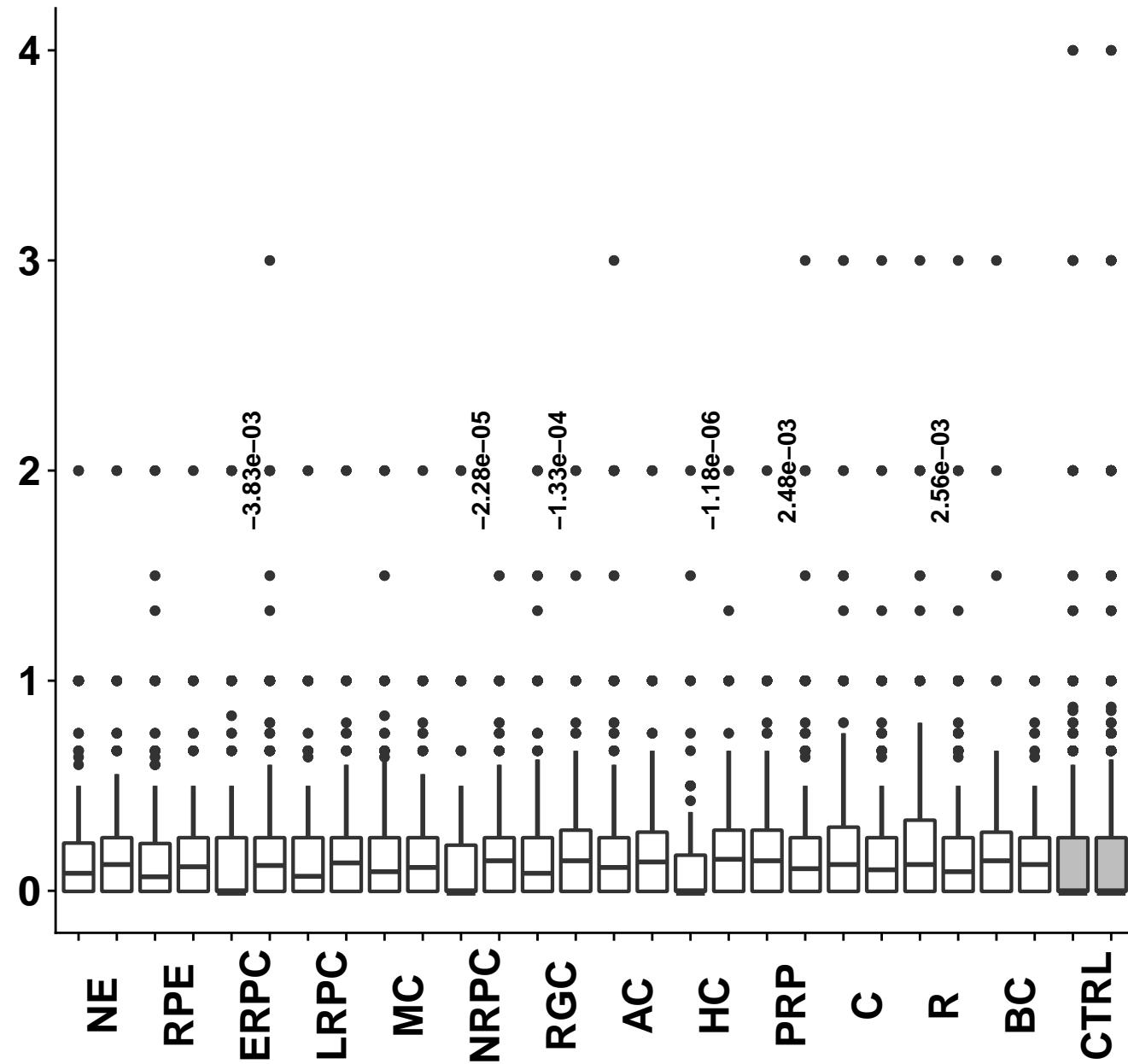
## Atf1\_2\_mean

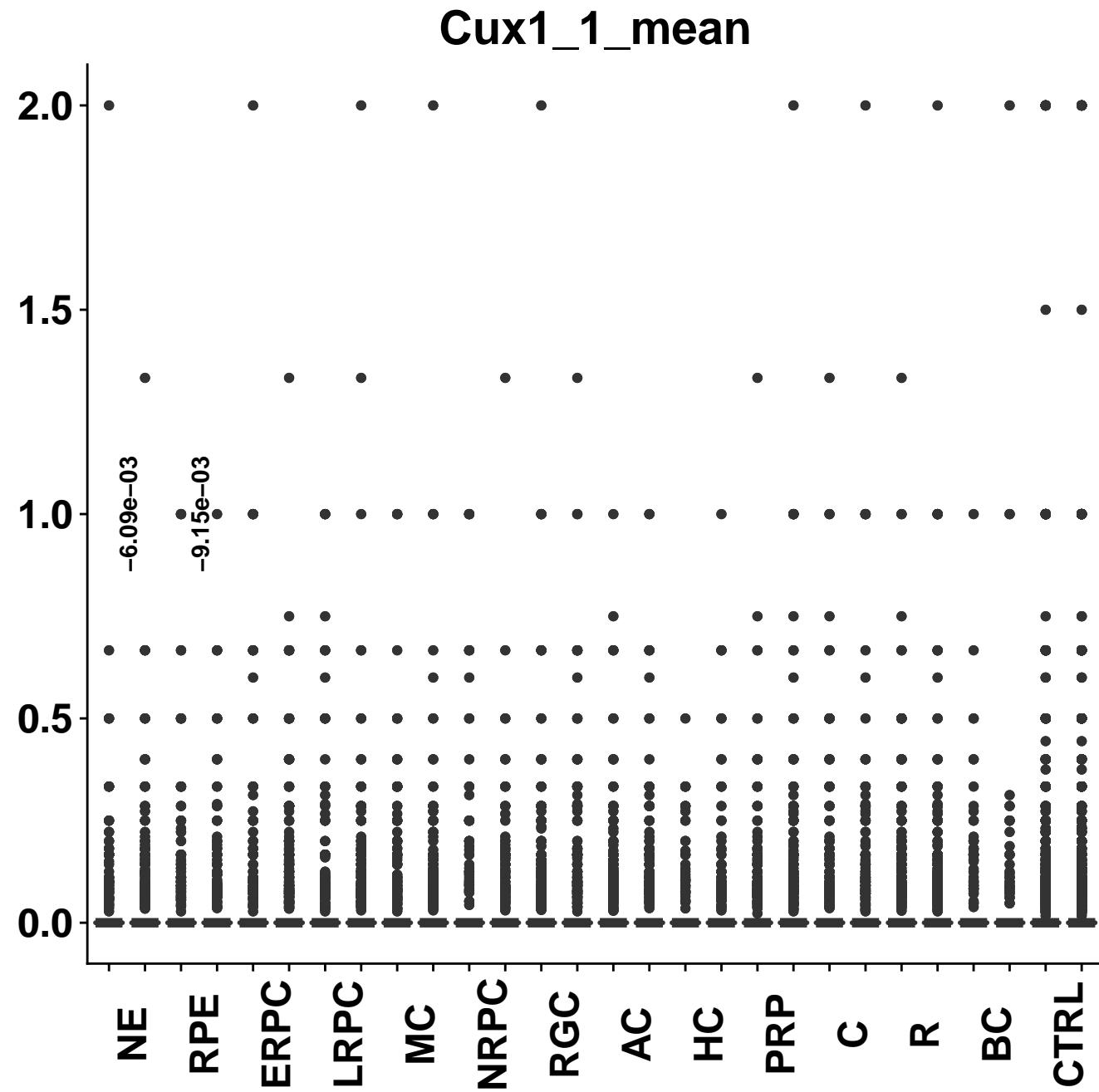


### Atf1\_3\_mean

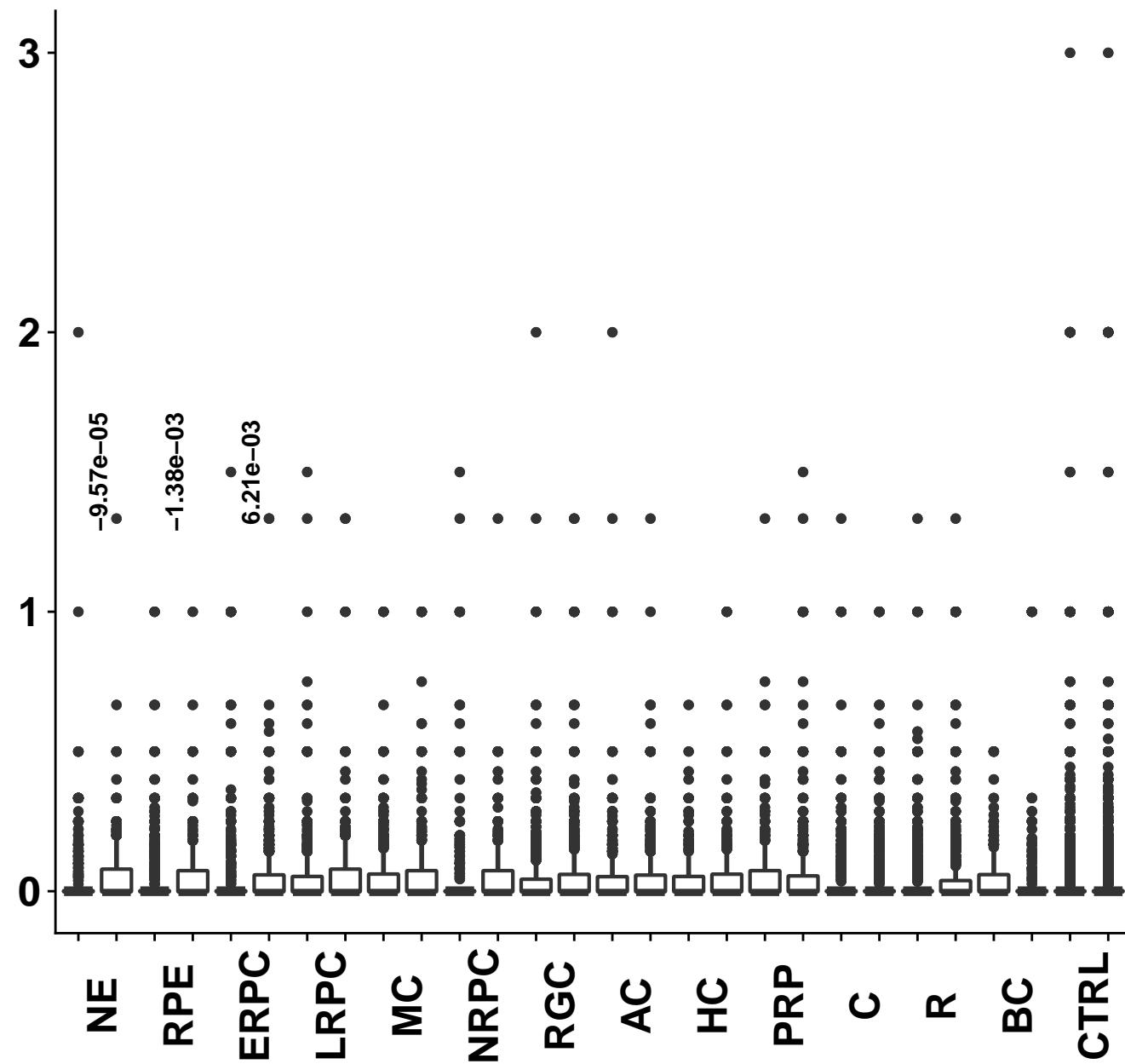


## Atf1\_4\_mean

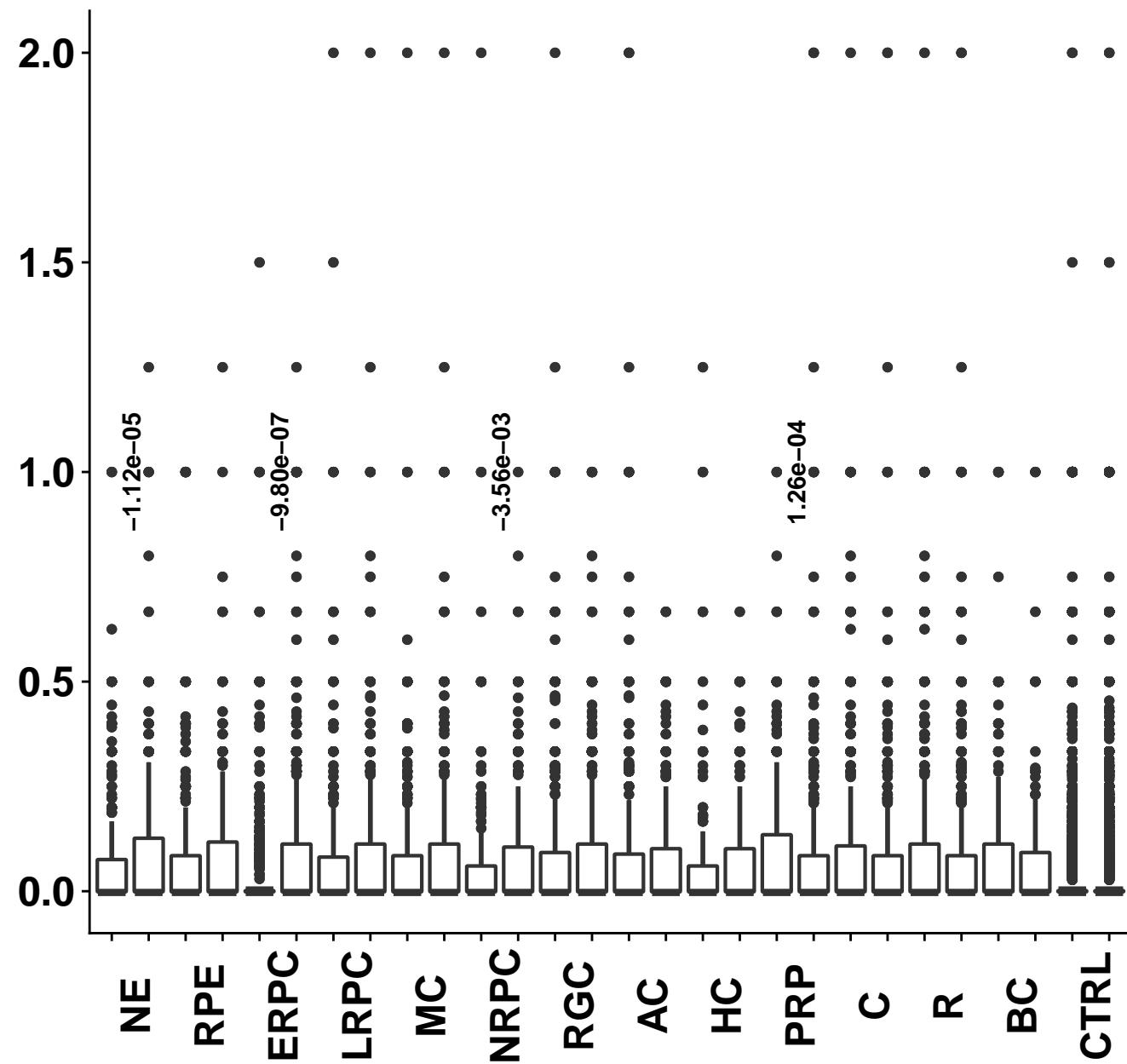




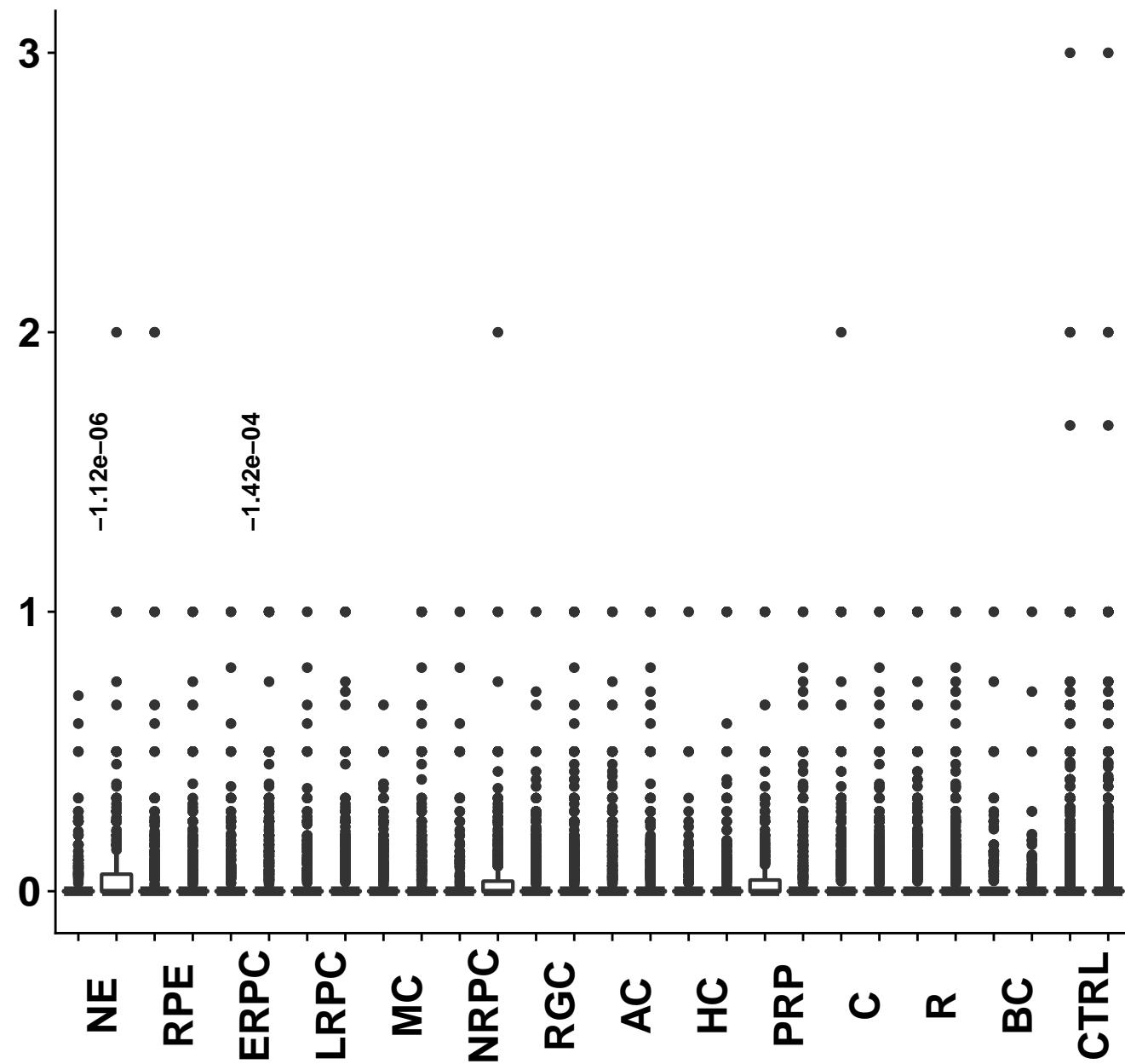
## Cux1\_2\_mean



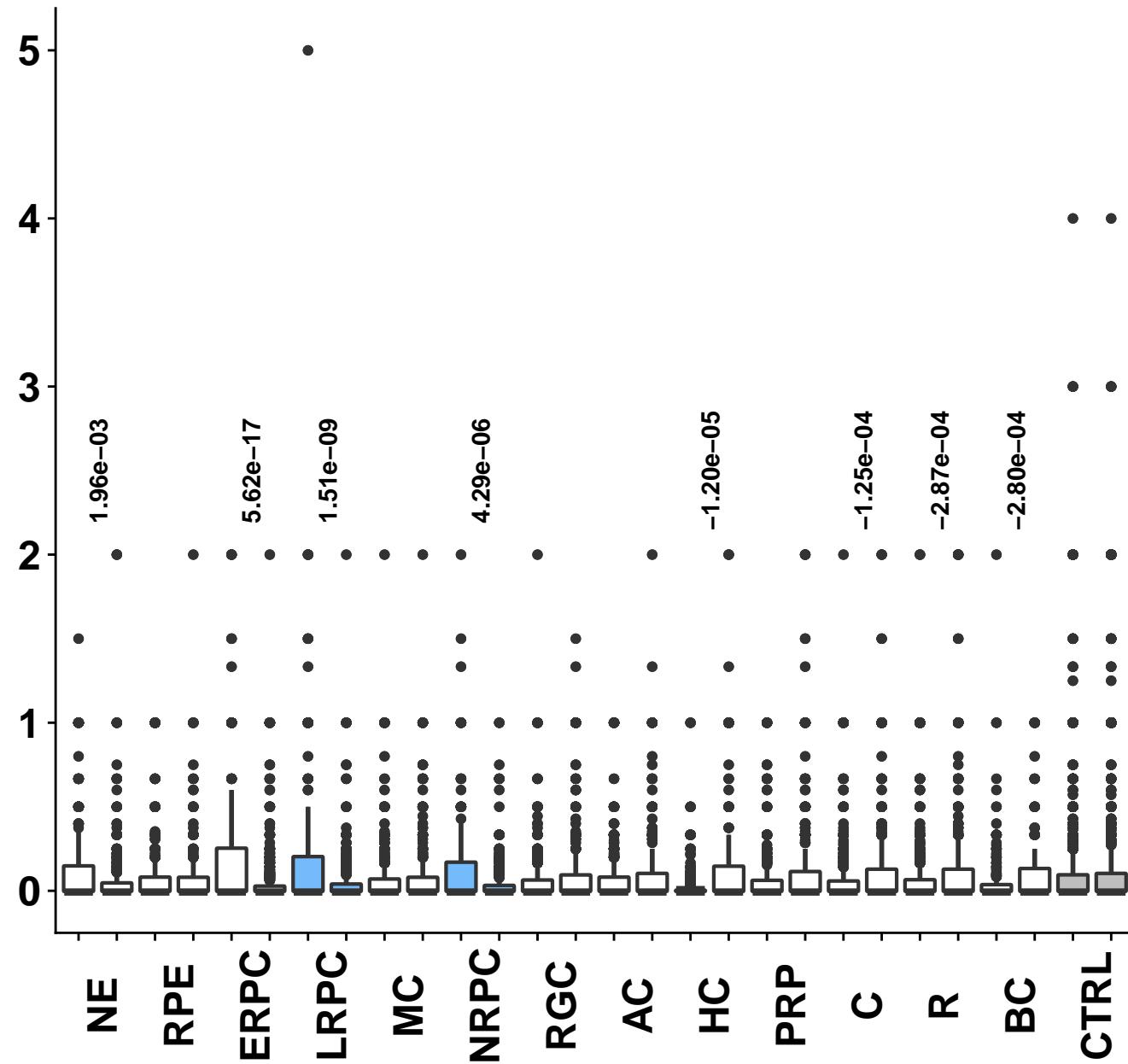
### Cux1\_3\_mean



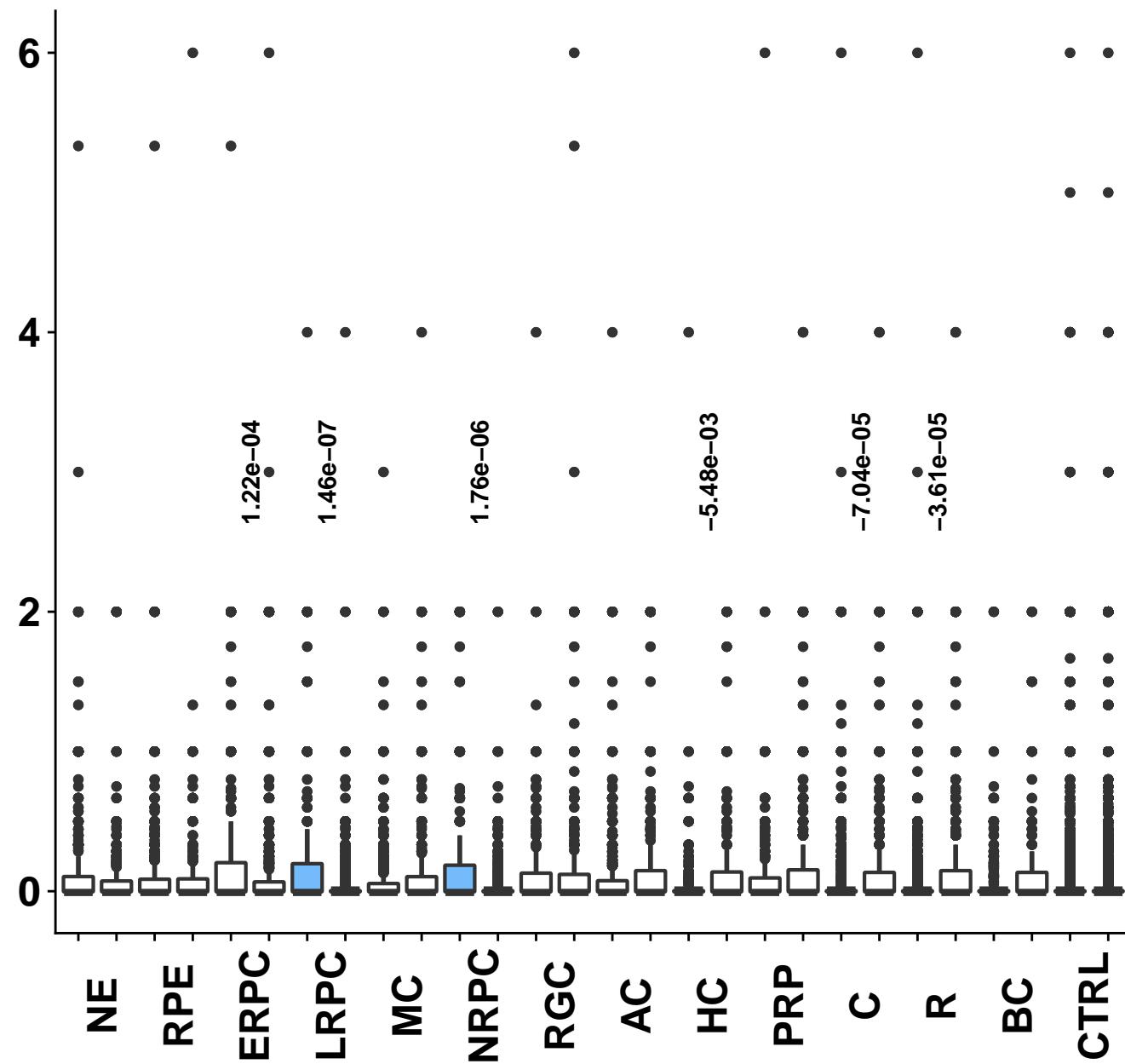
## Cux1\_4\_mean



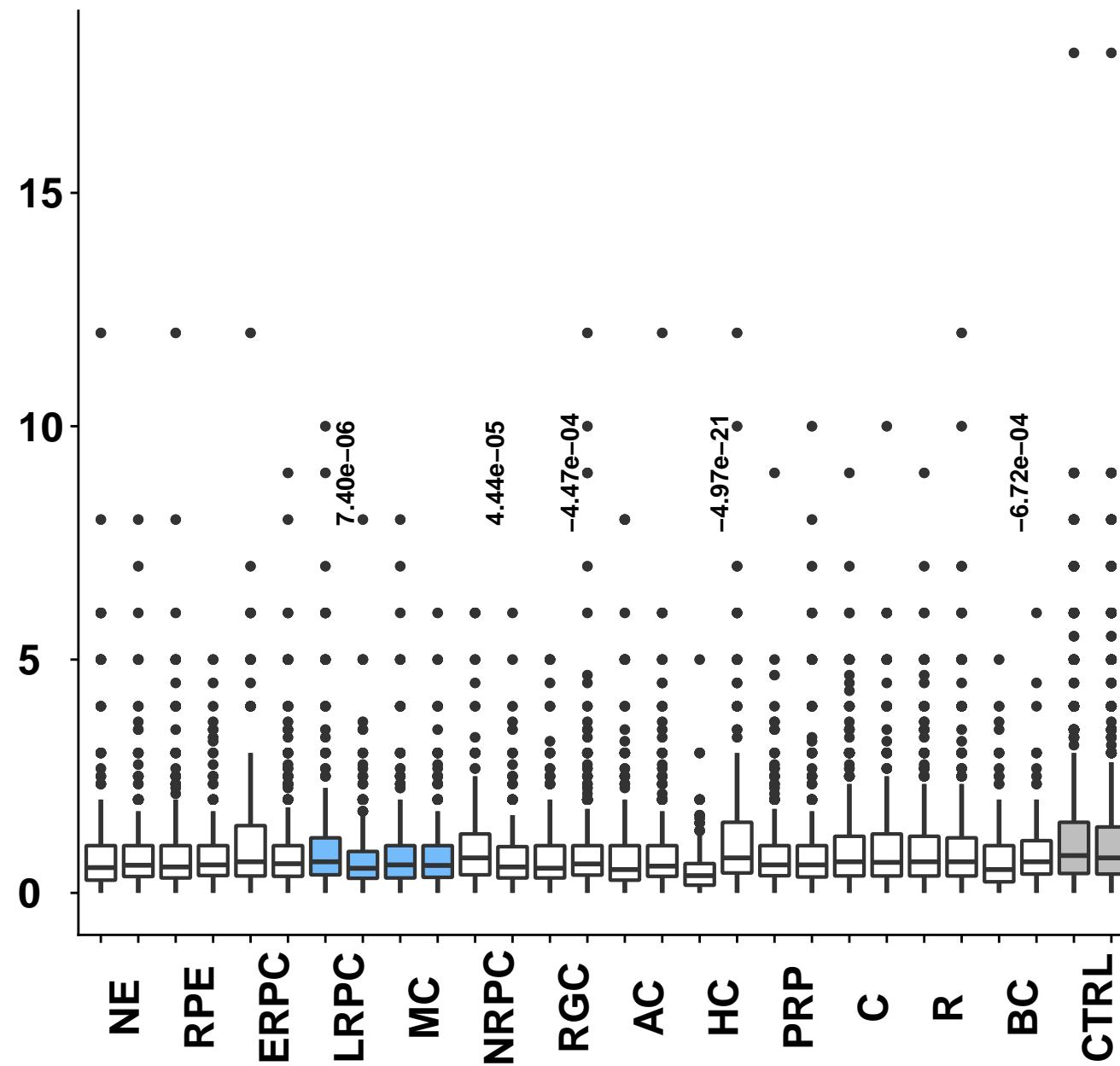
## E2f1\_1\_mean



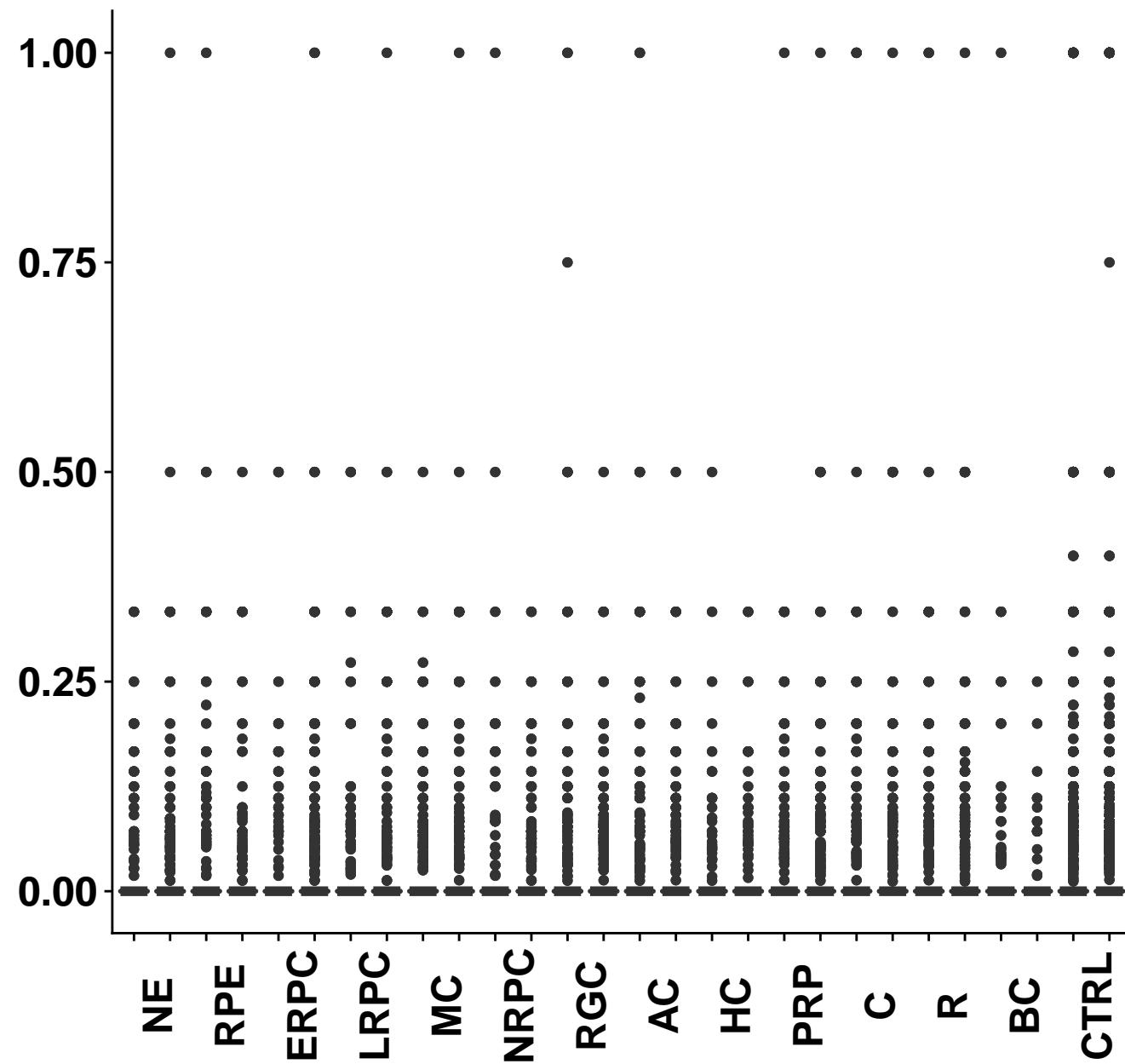
## E2f1\_2\_mean



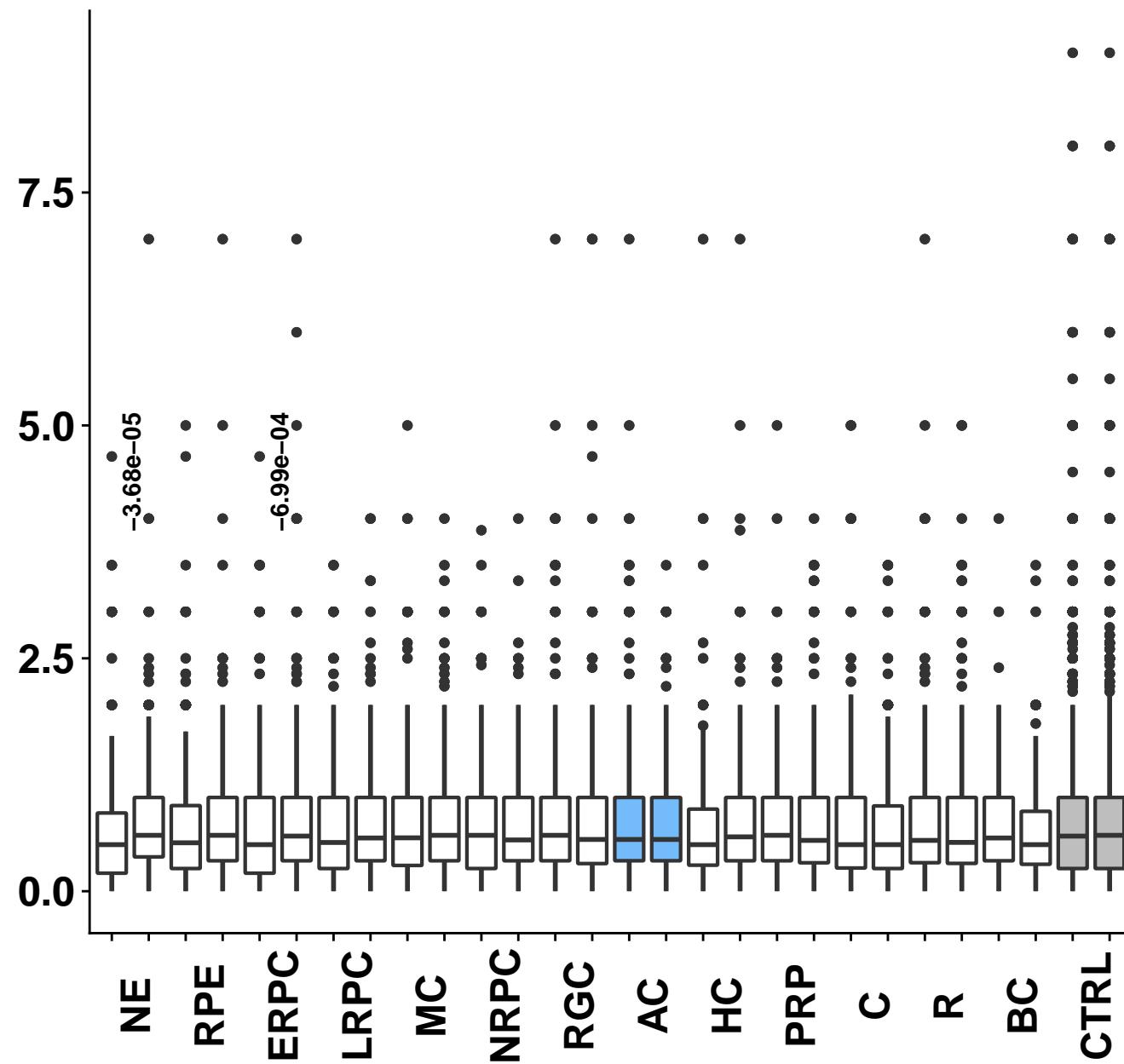
## Etv5\_1\_mean



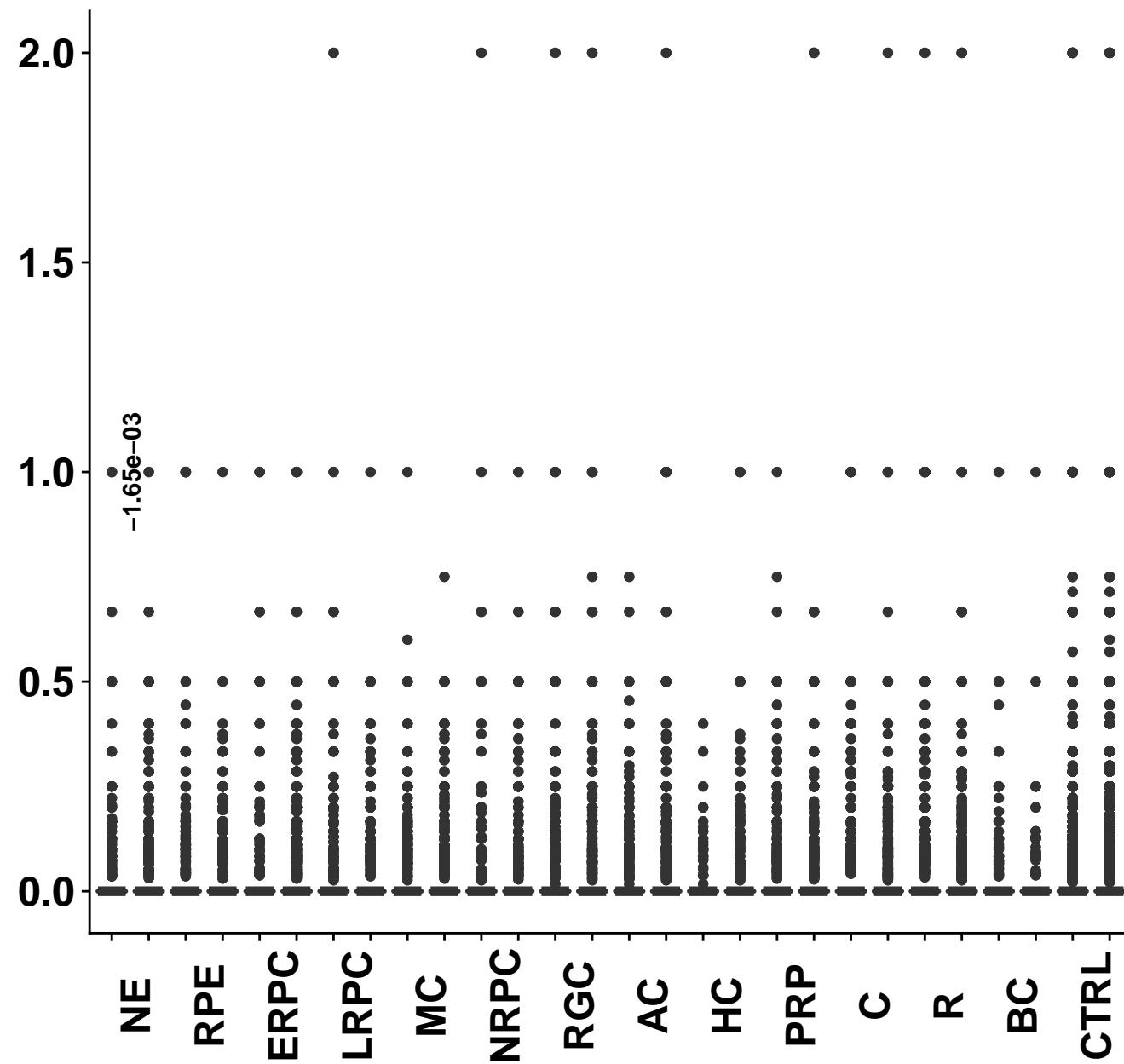
## Gli3\_1\_mean



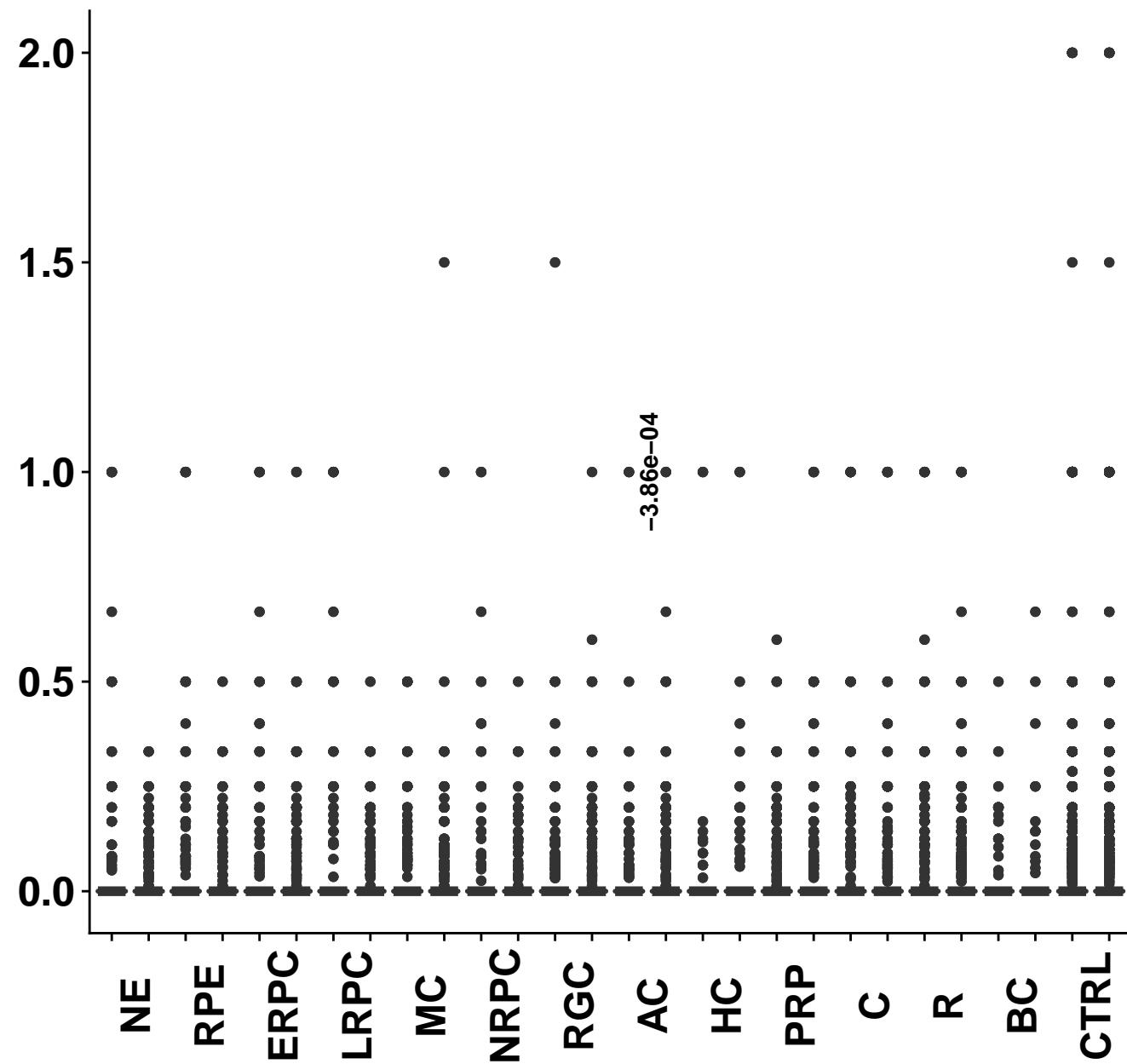
## Id4\_1\_mean



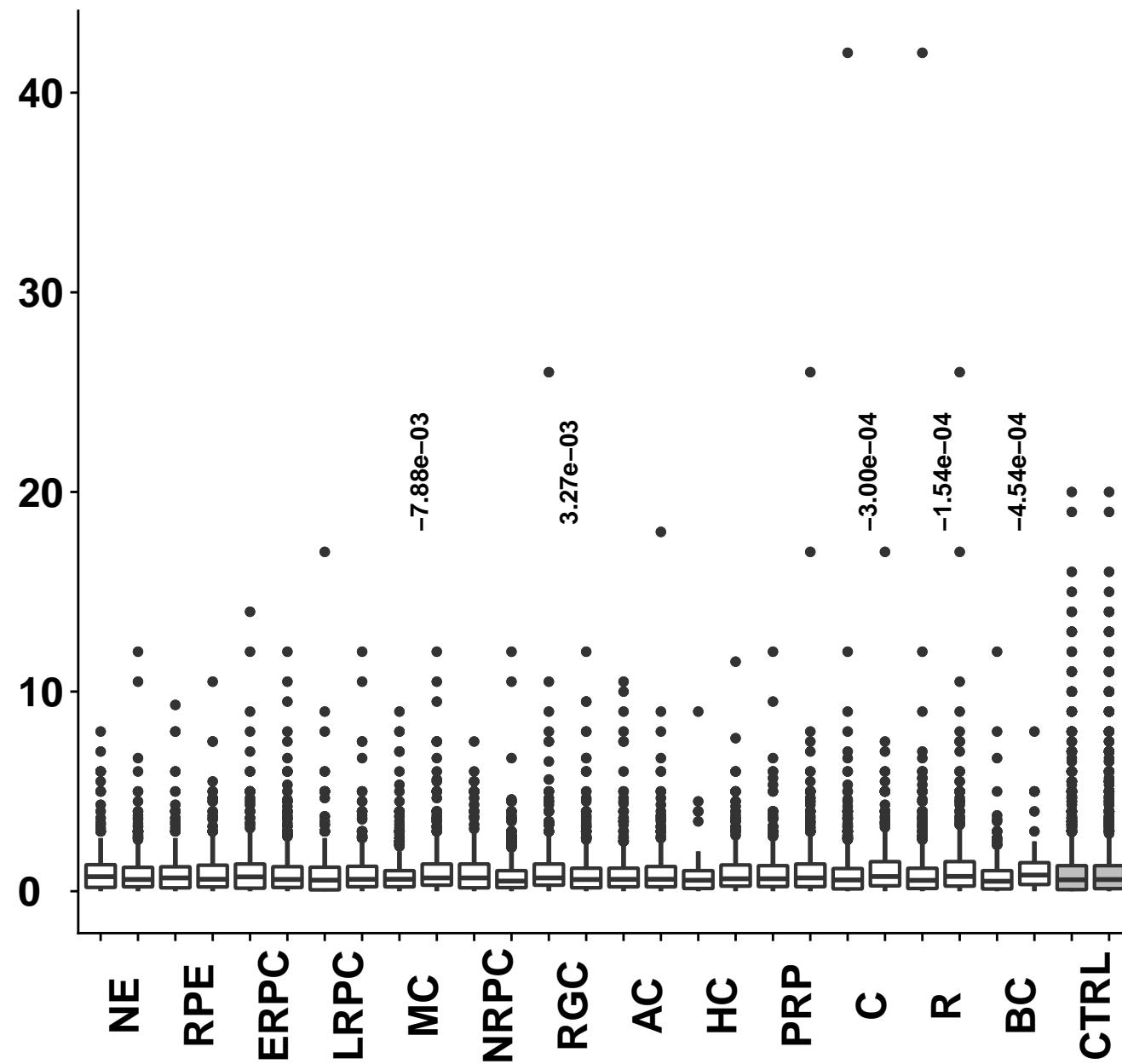
## **Irx5\_1\_mean**

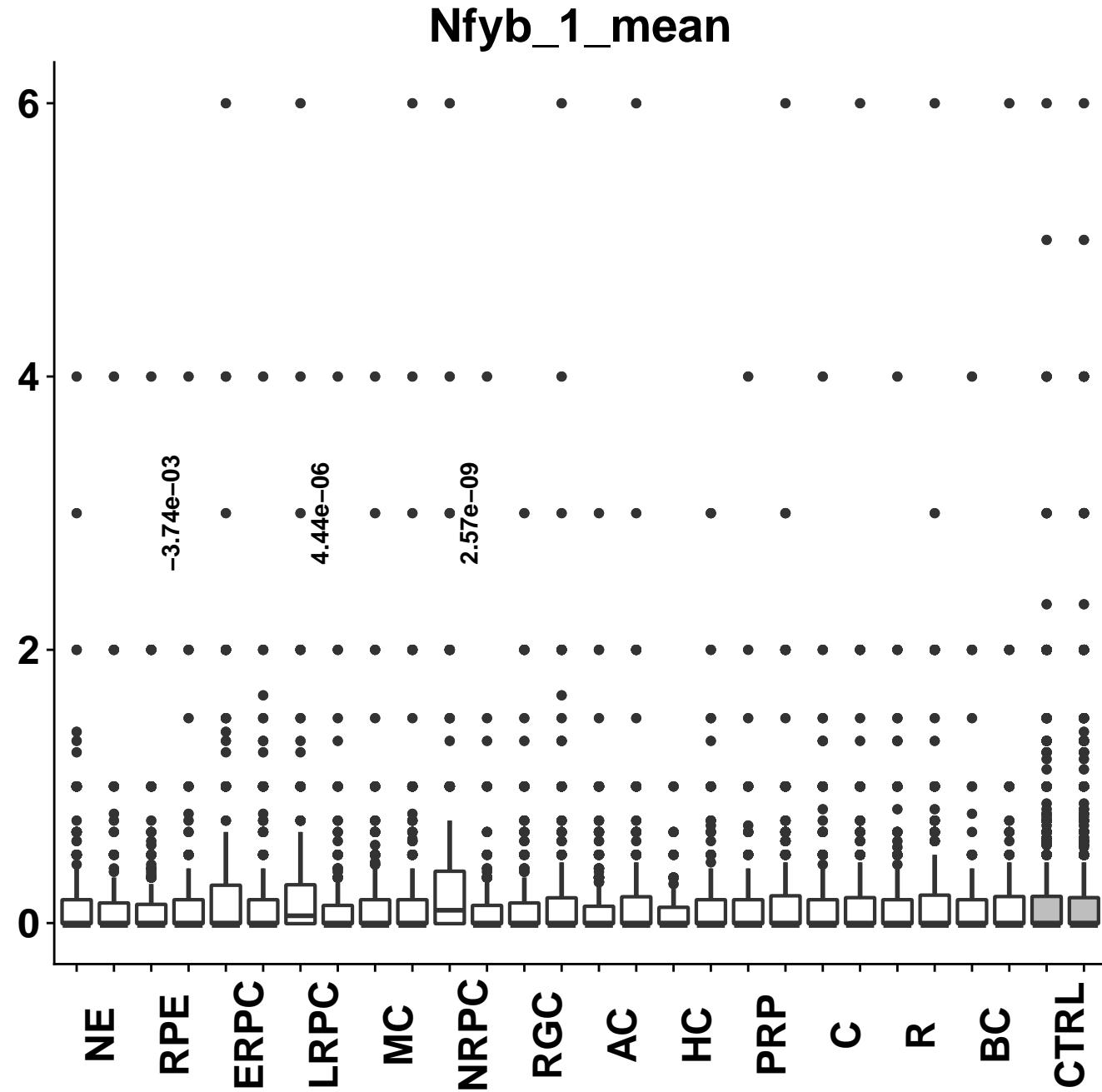


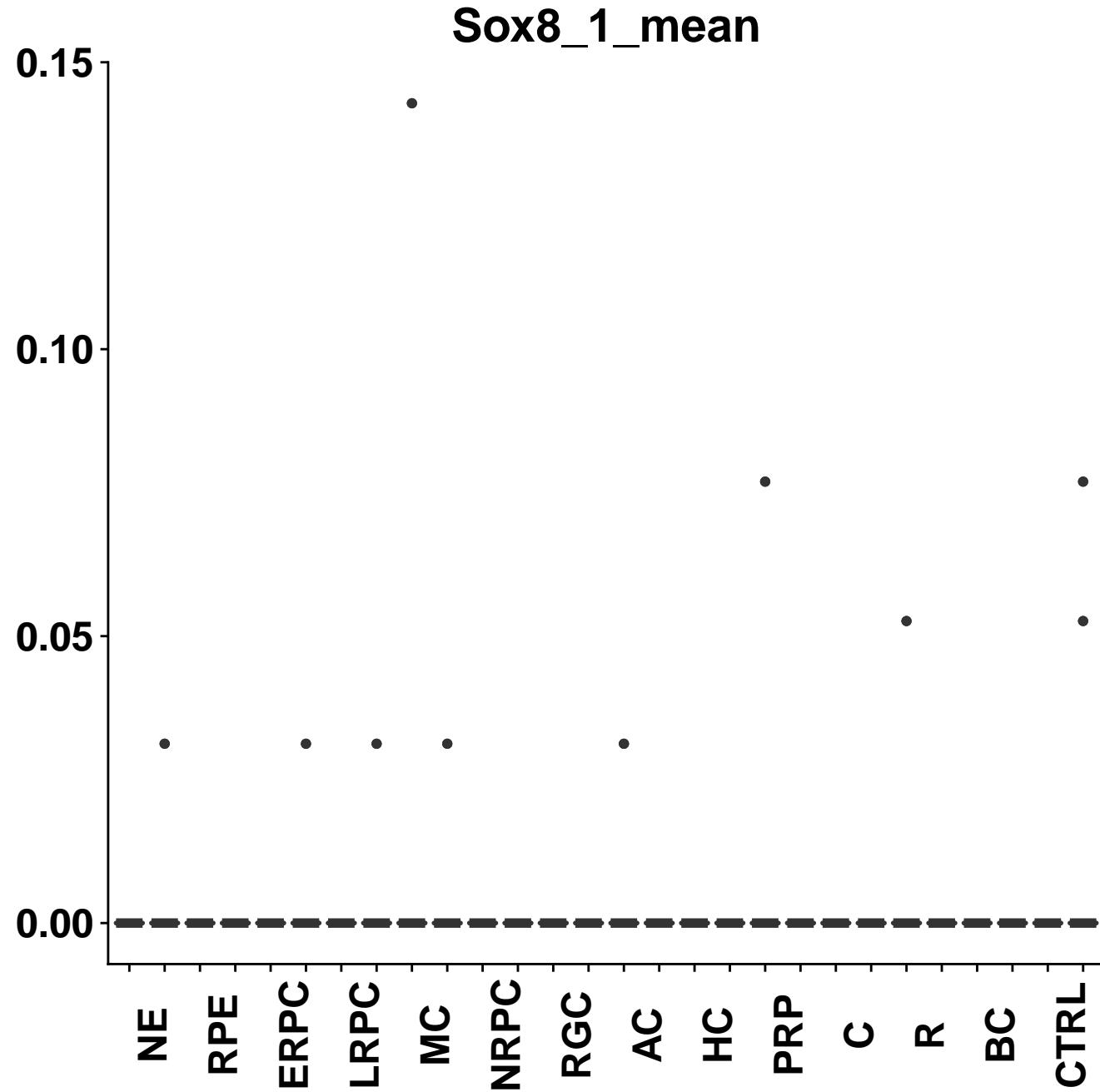
# Klf13\_1\_mean



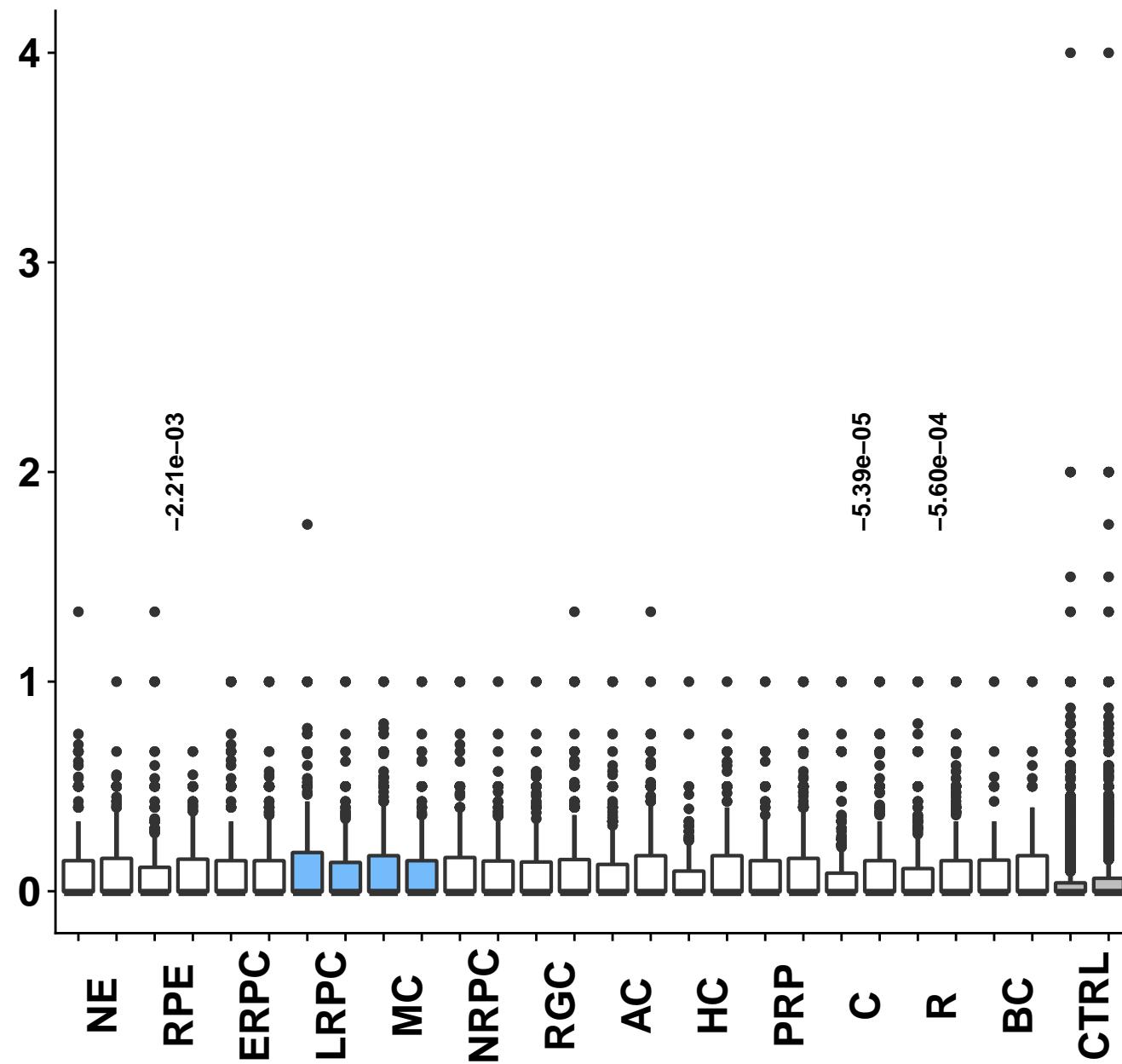
## Maz\_1\_mean



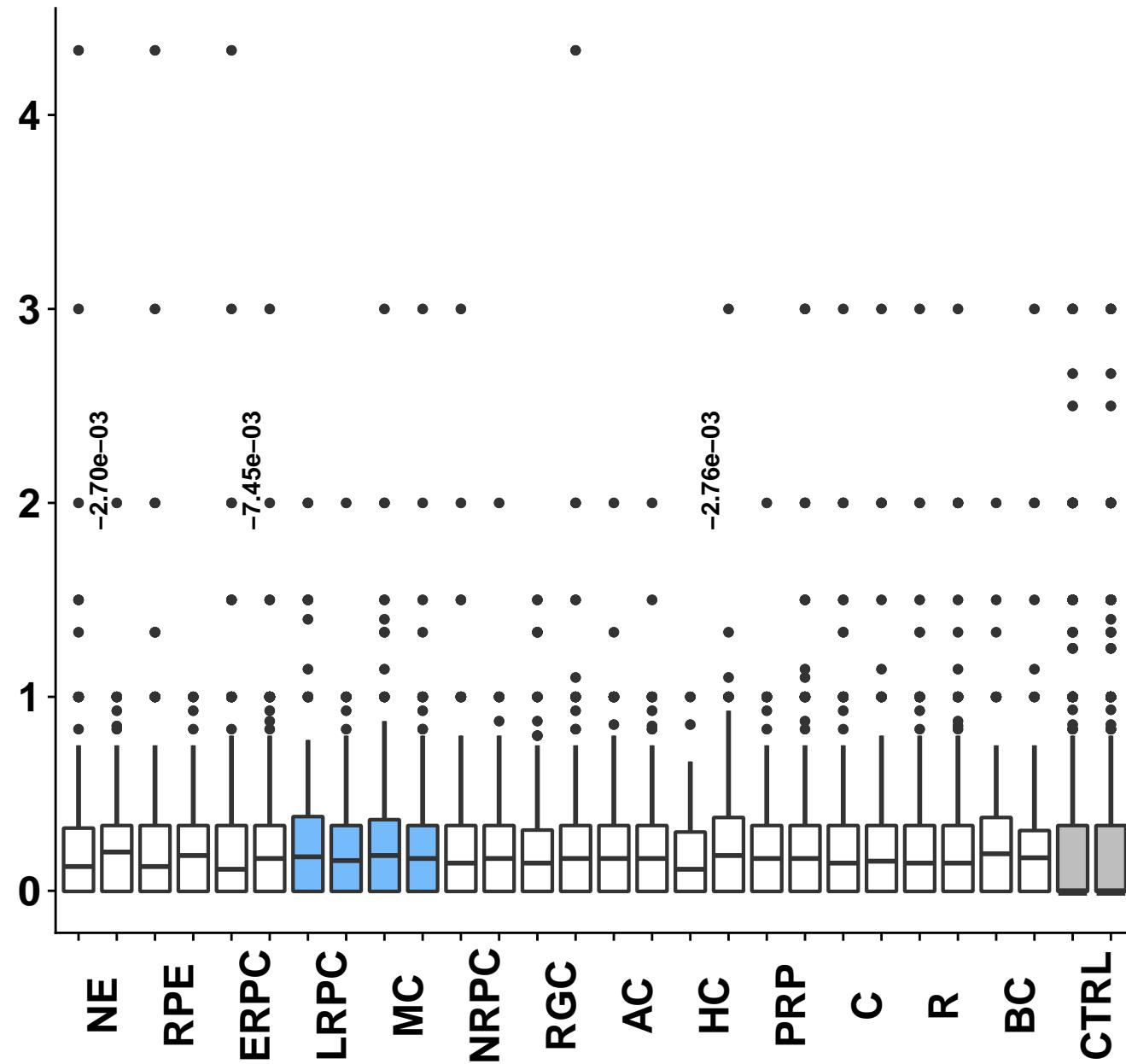




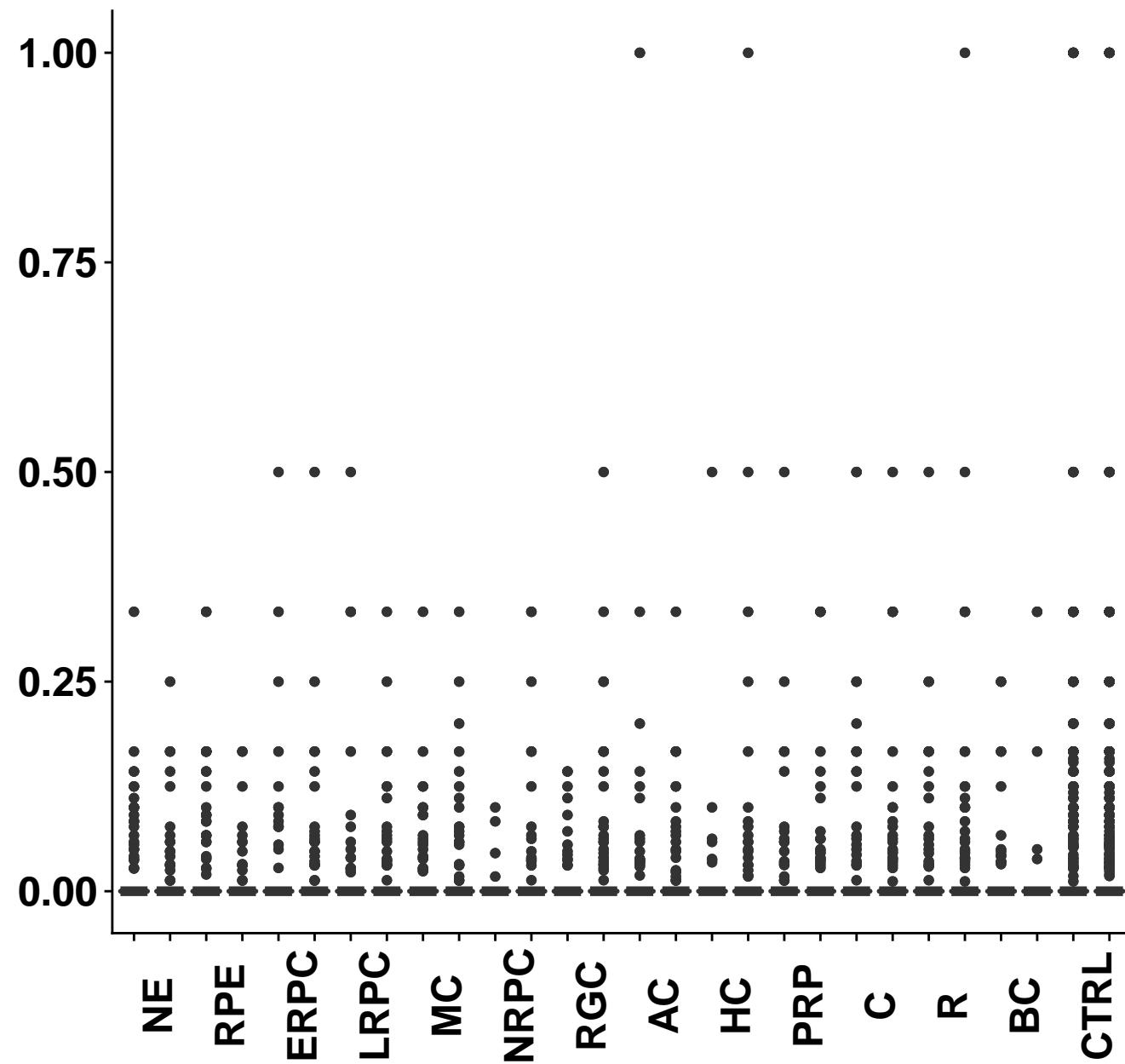
## Sox8\_2\_mean



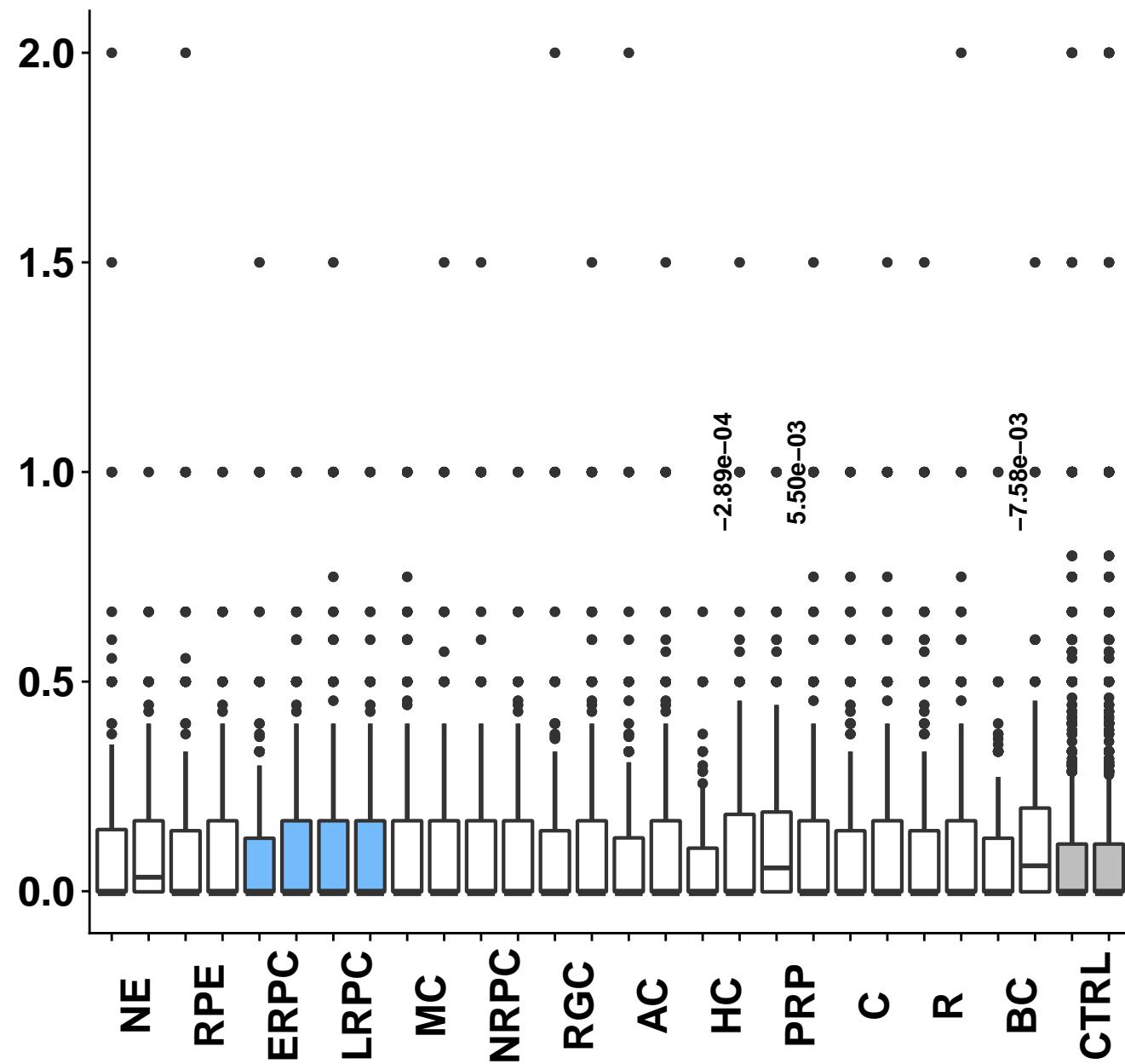
## Sox8\_3\_mean



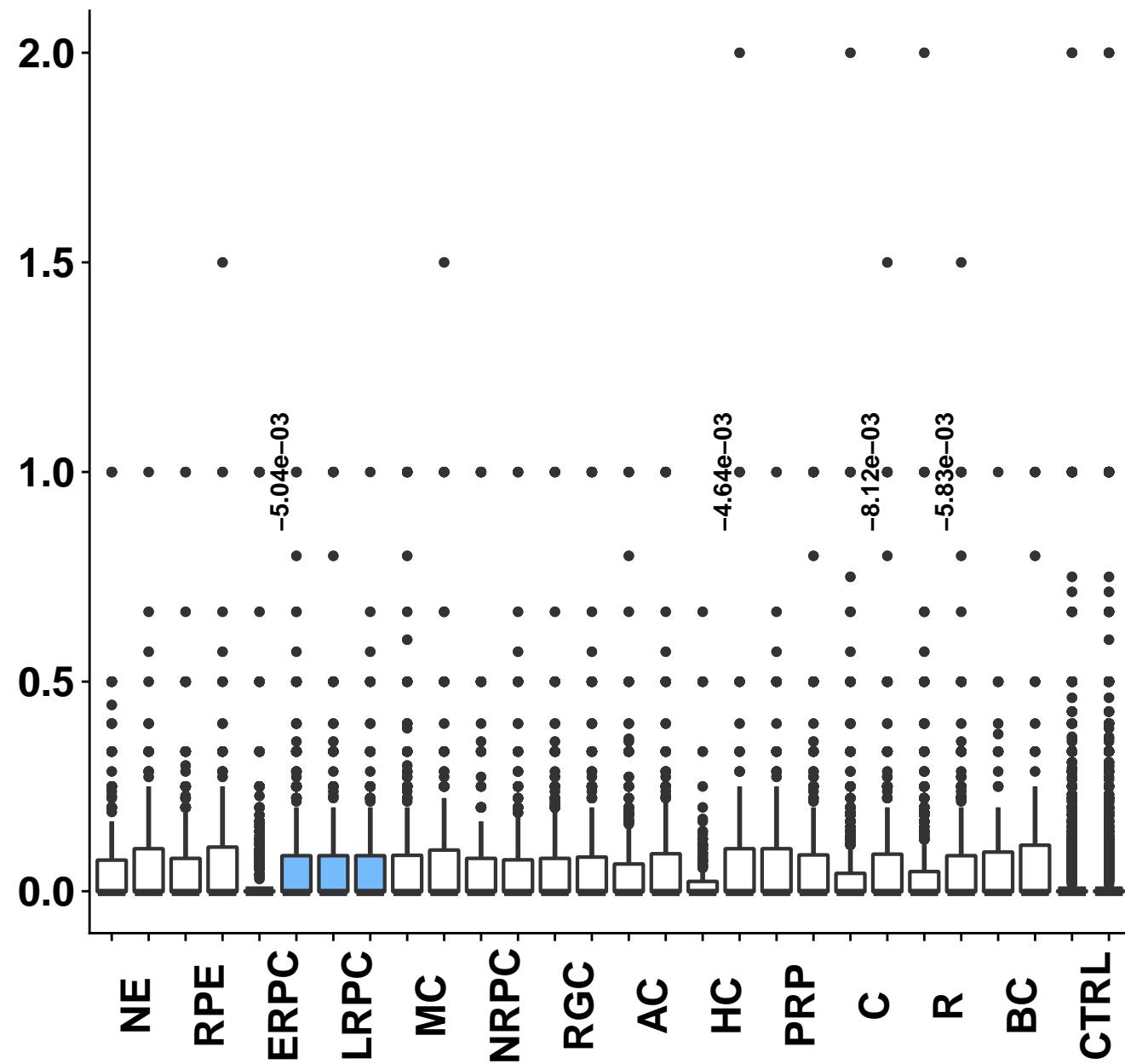
## Tcf7l2\_1\_mean



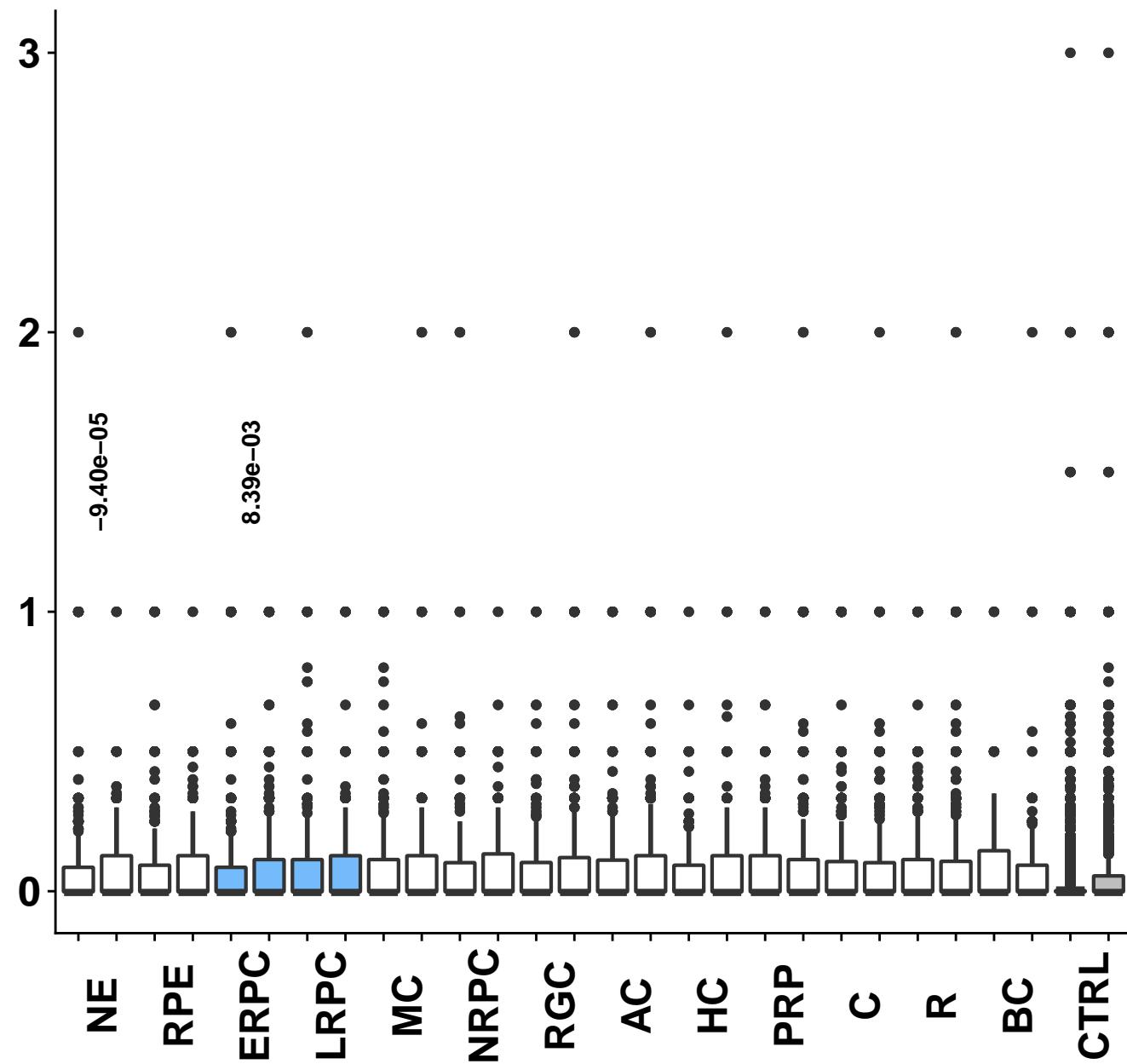
## Tcf7l2\_2\_mean



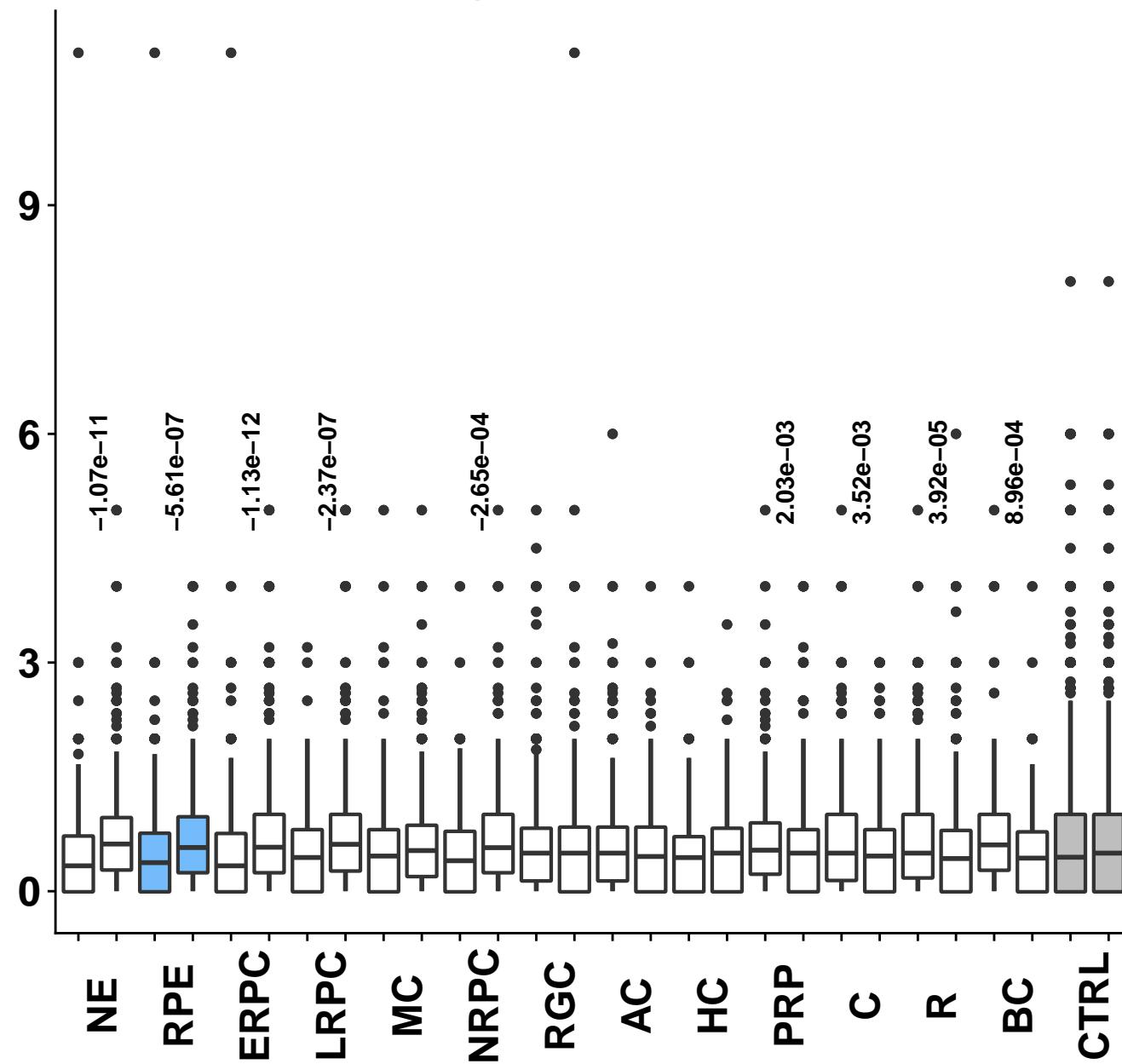
### Tcf7l2\_3\_mean



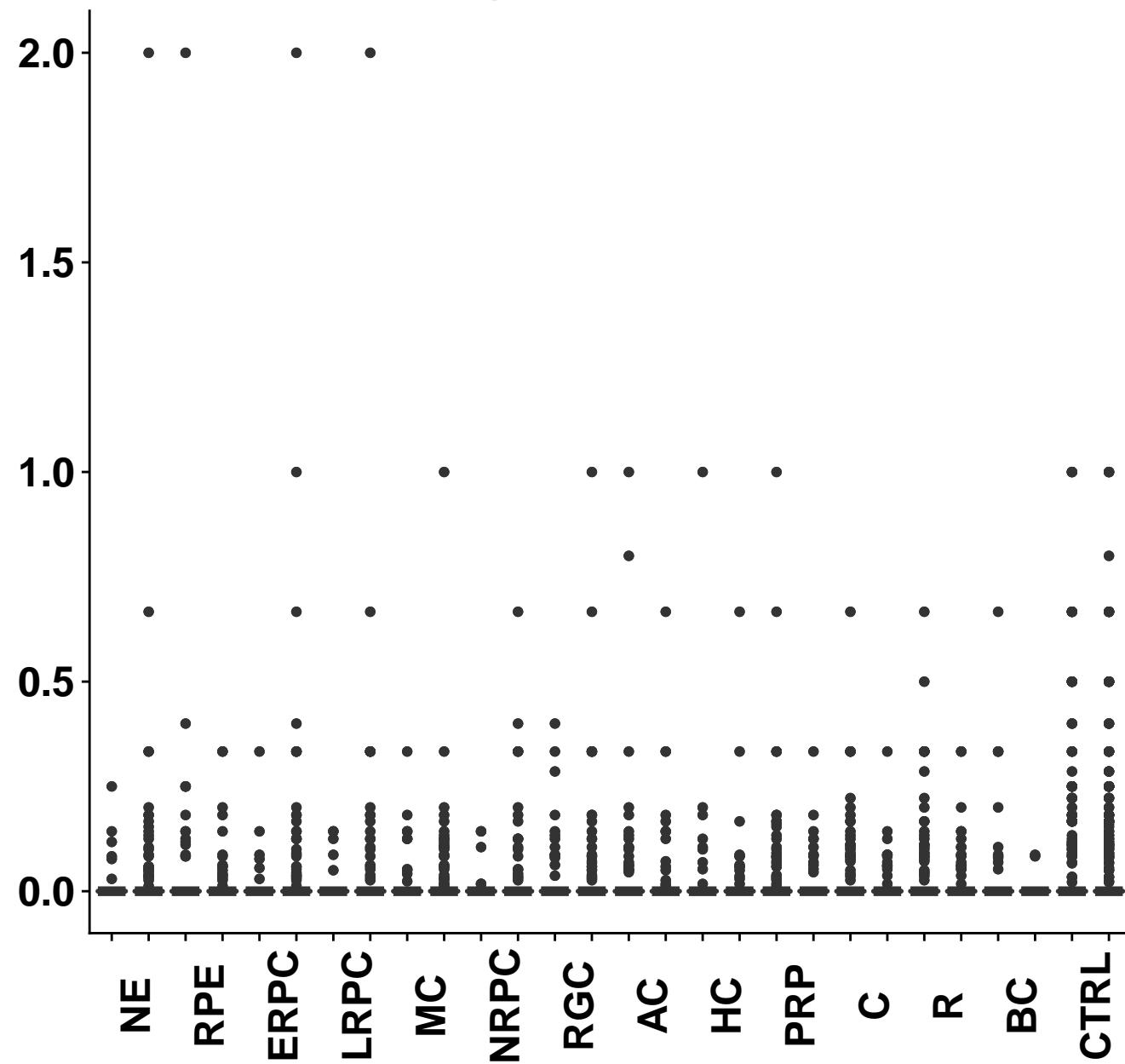
## Tcf7l2\_4\_mean



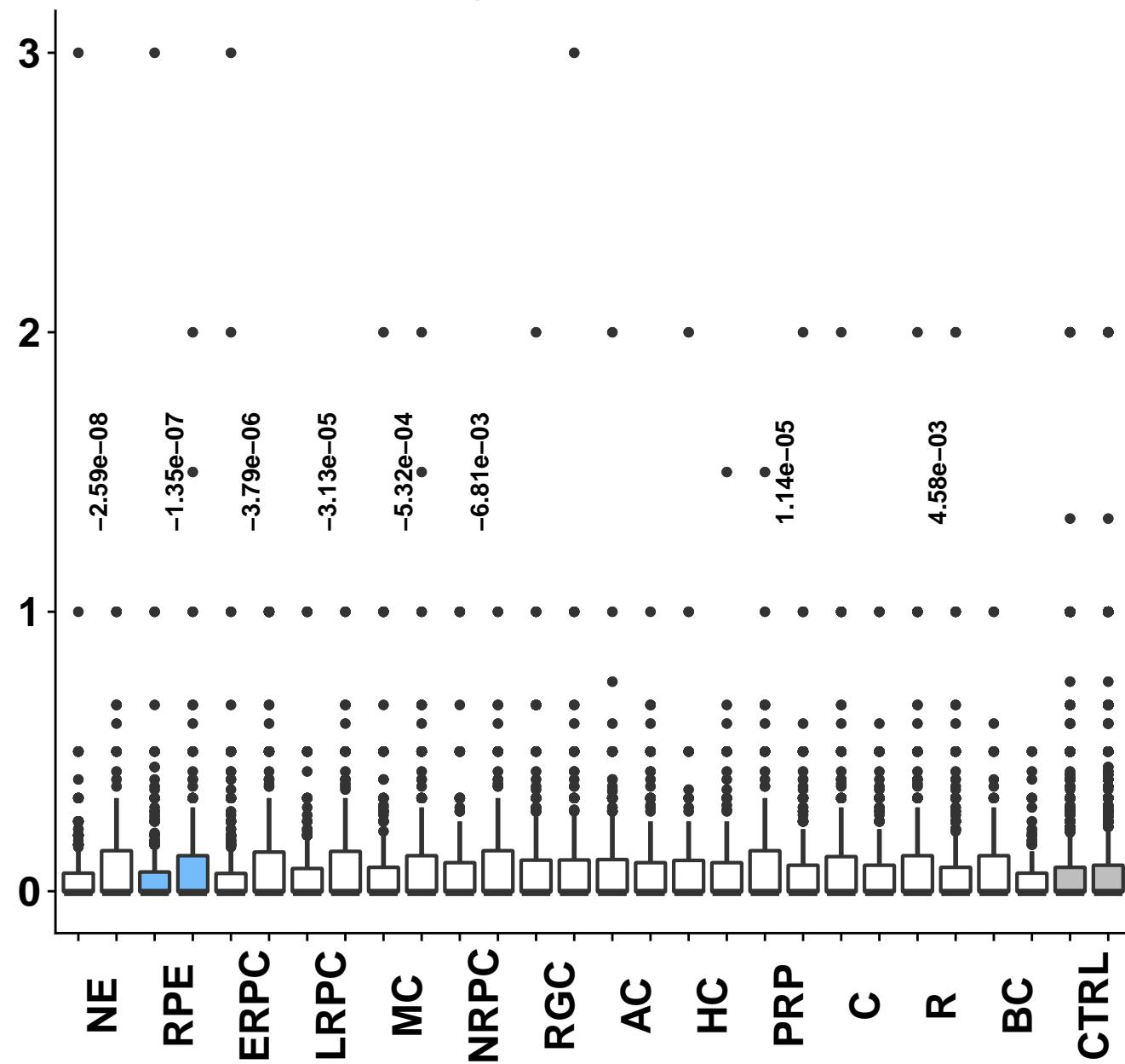
## Tgif1\_1\_mean



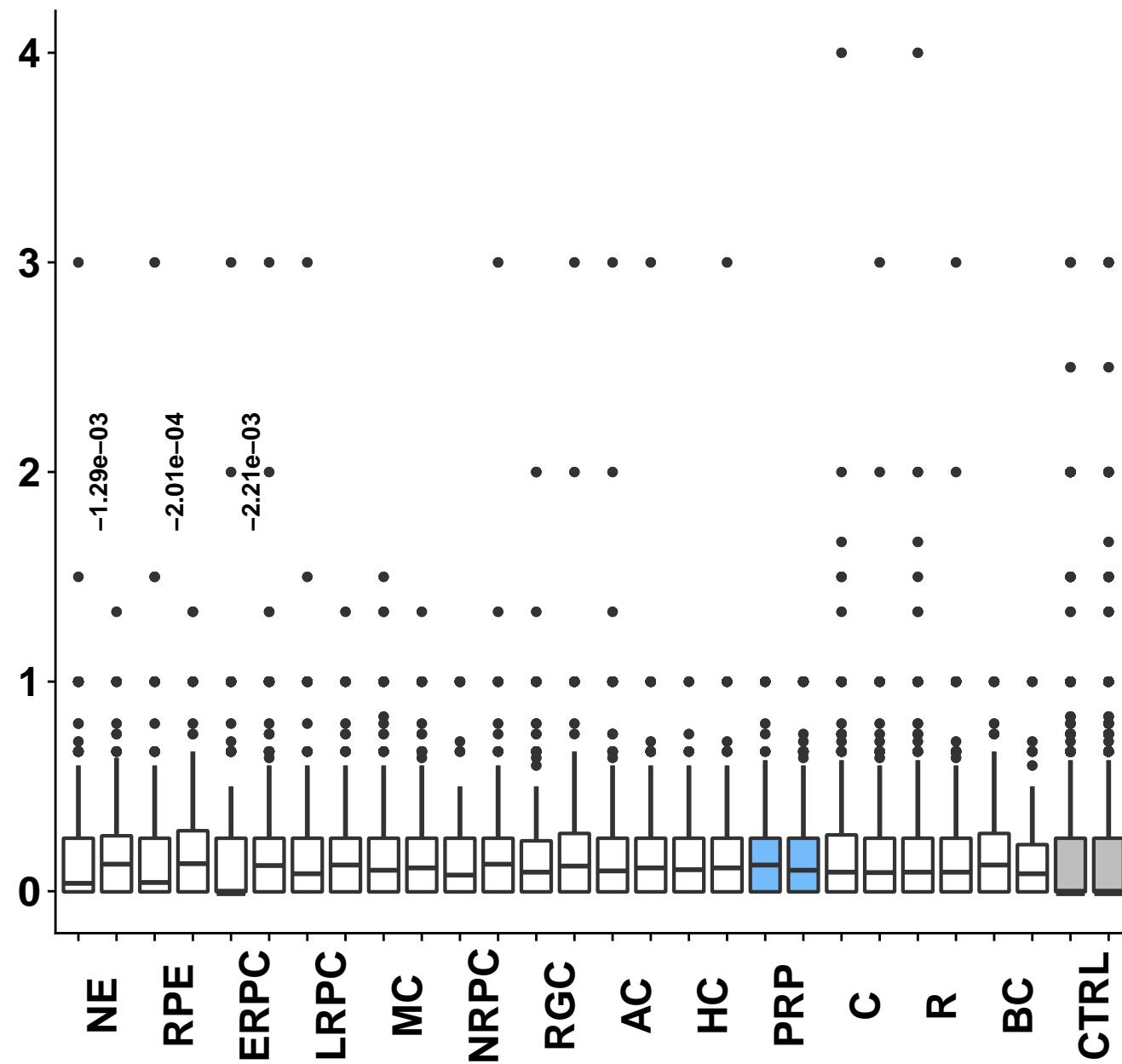
## Tgif1\_2\_mean



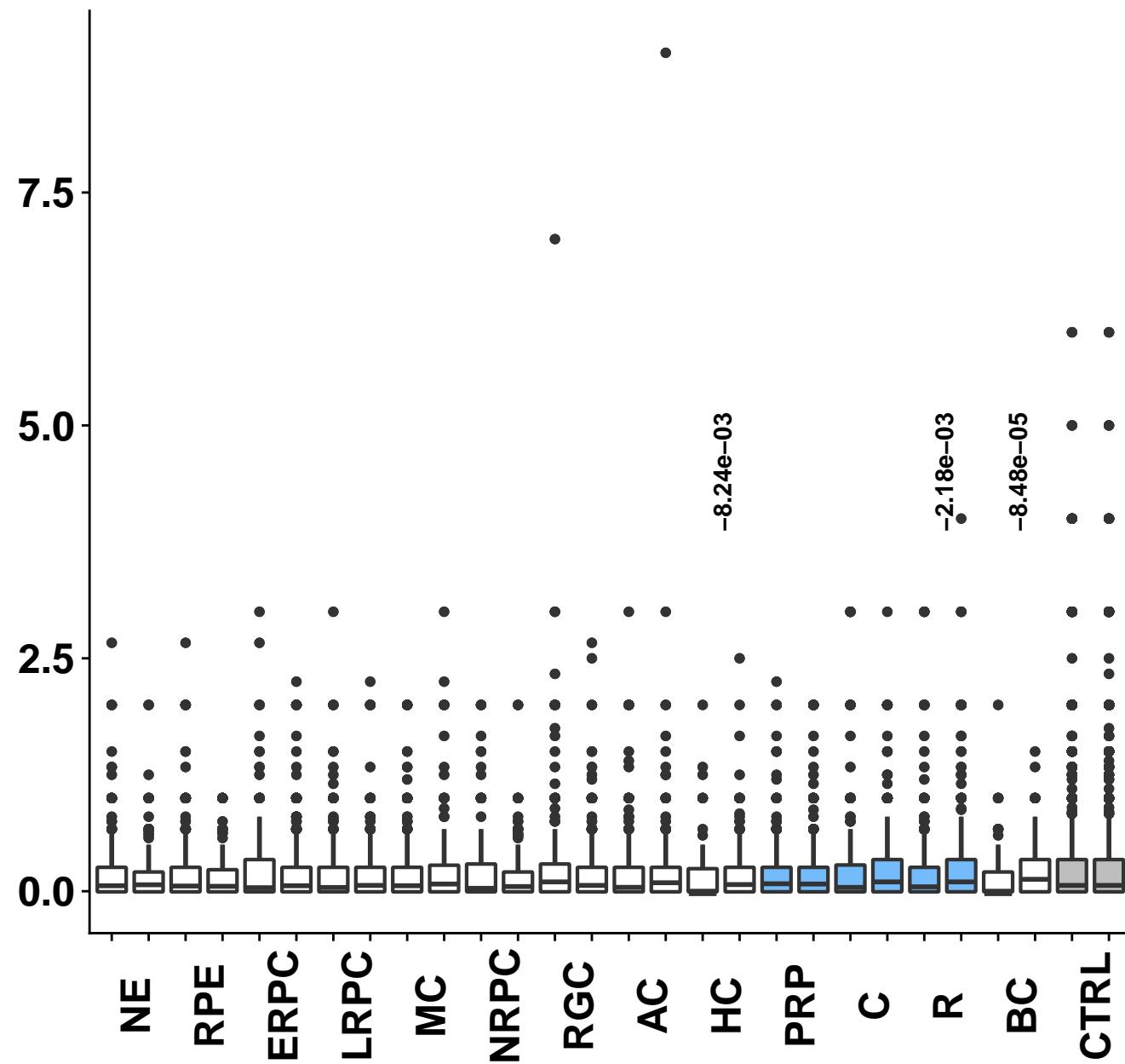
## Tgif1\_3\_mean



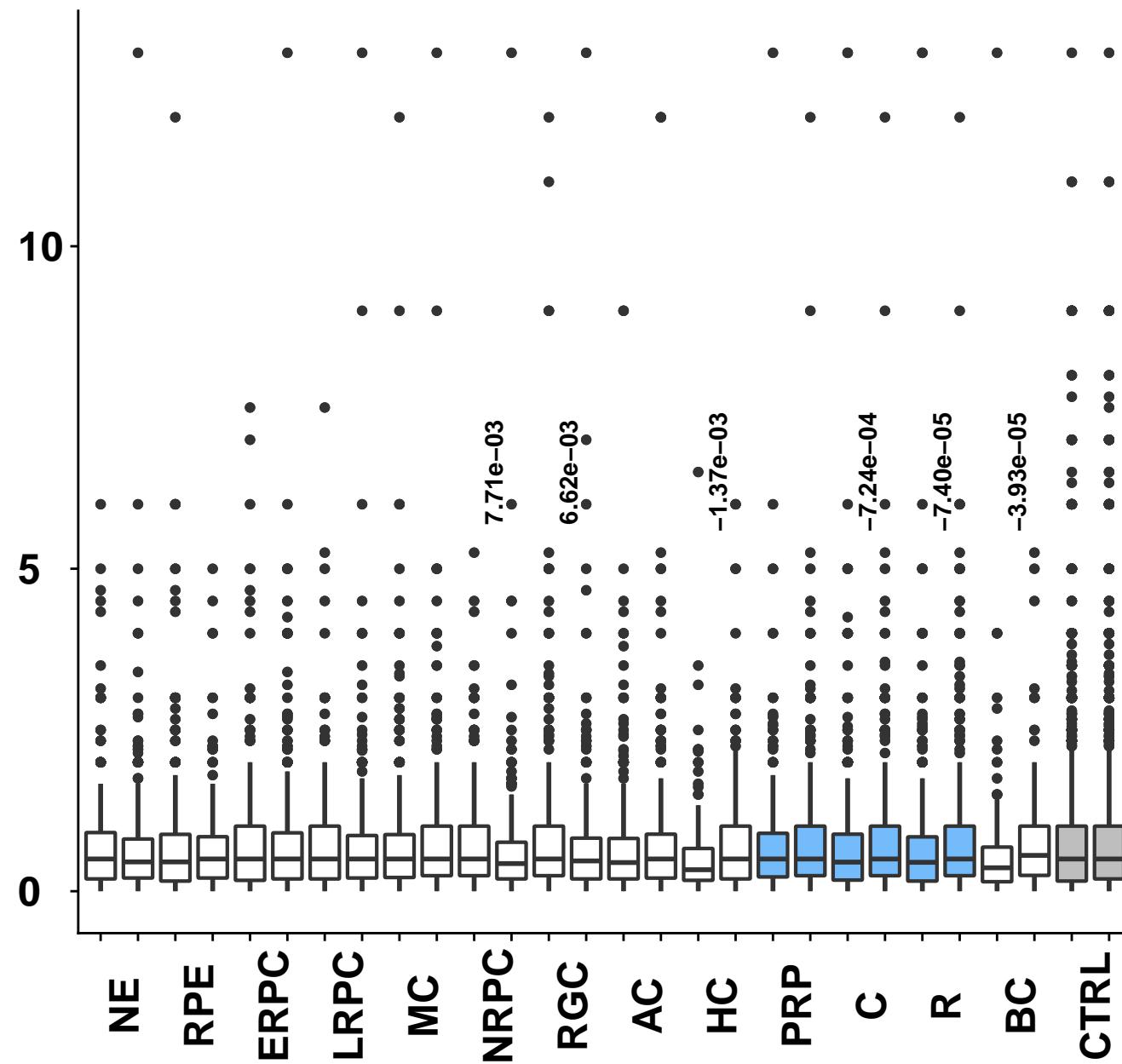
## Ddit3\_1\_mean



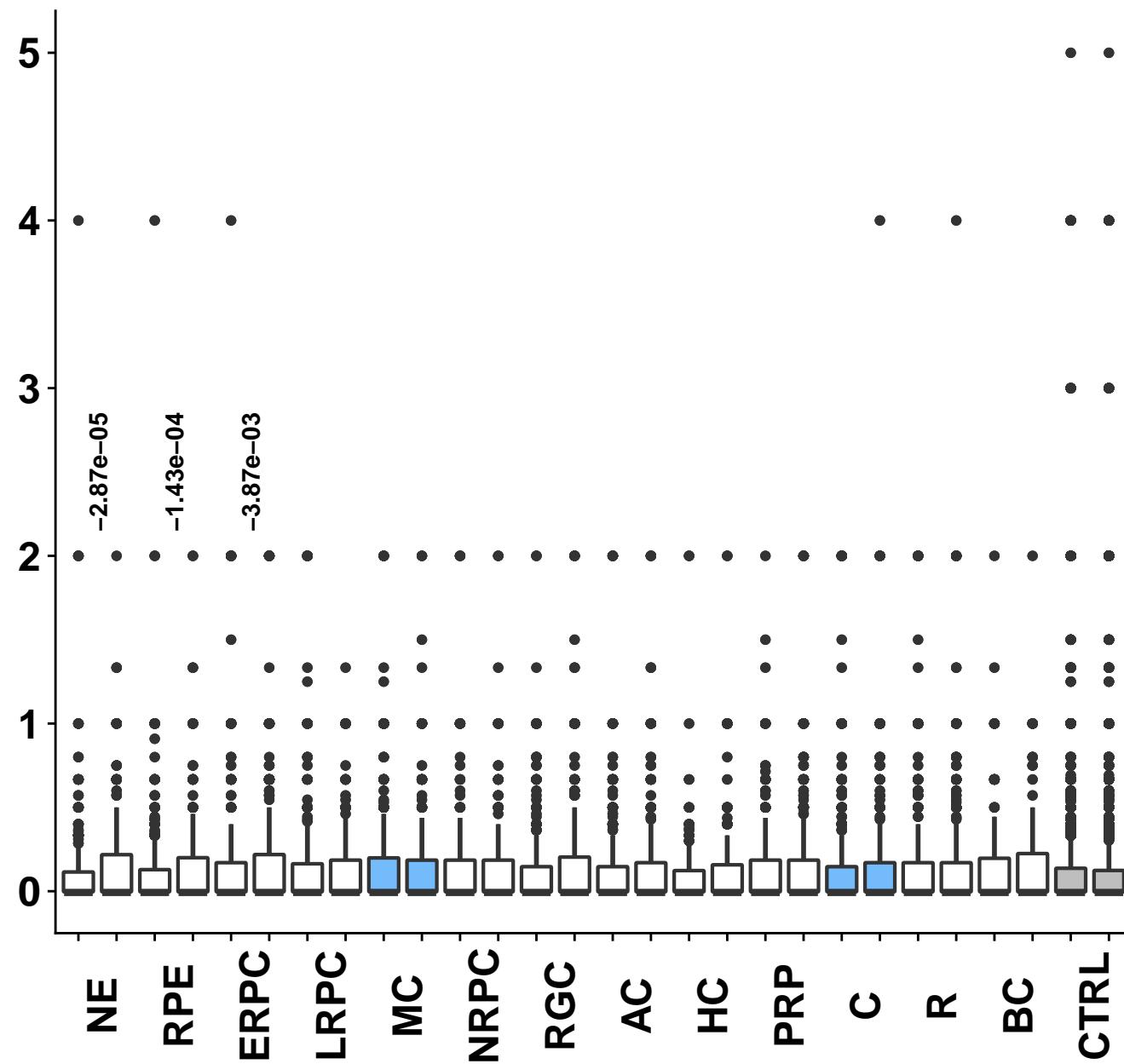
# Klf9\_1\_mean



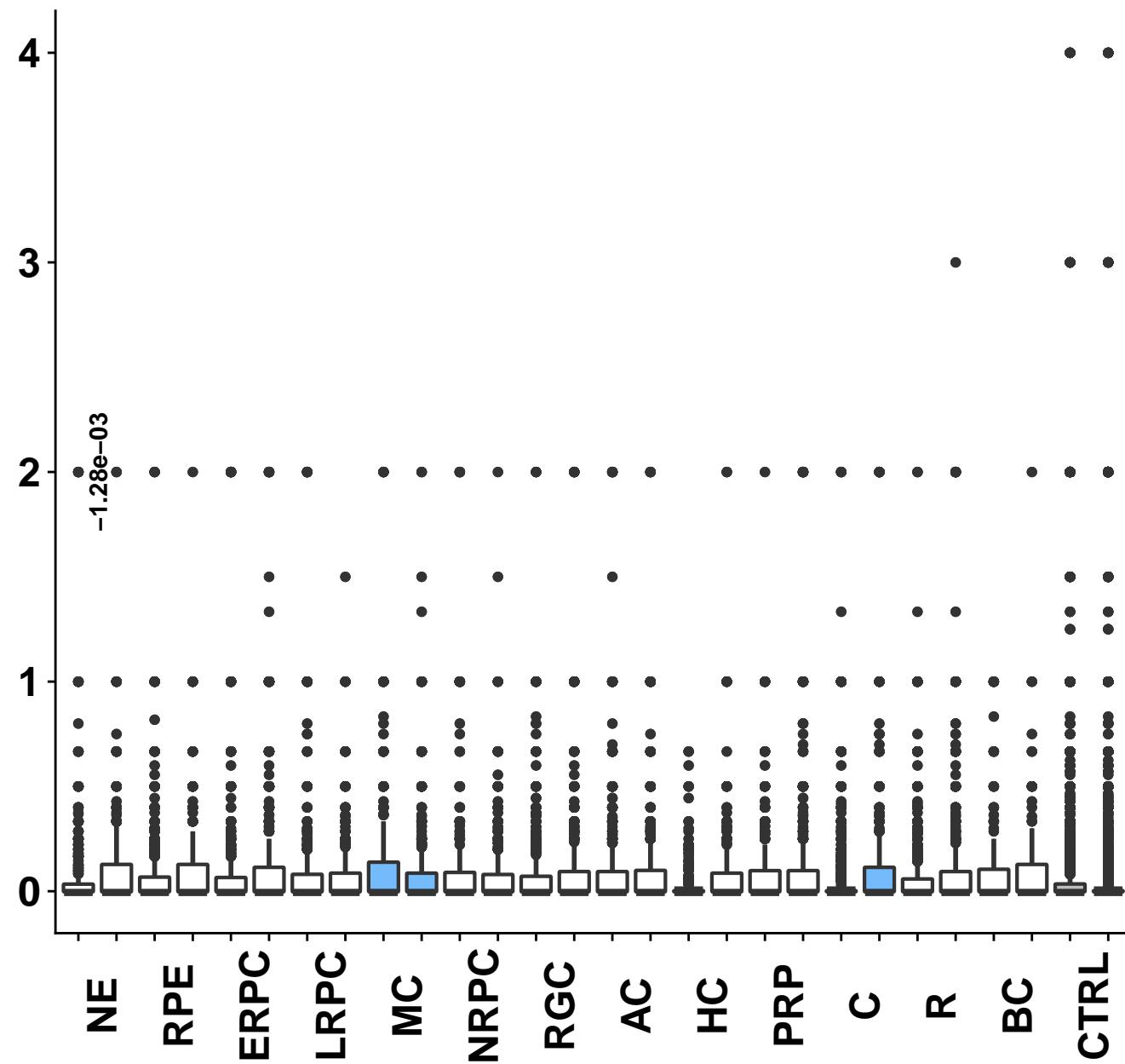
## Klf9\_2\_mean



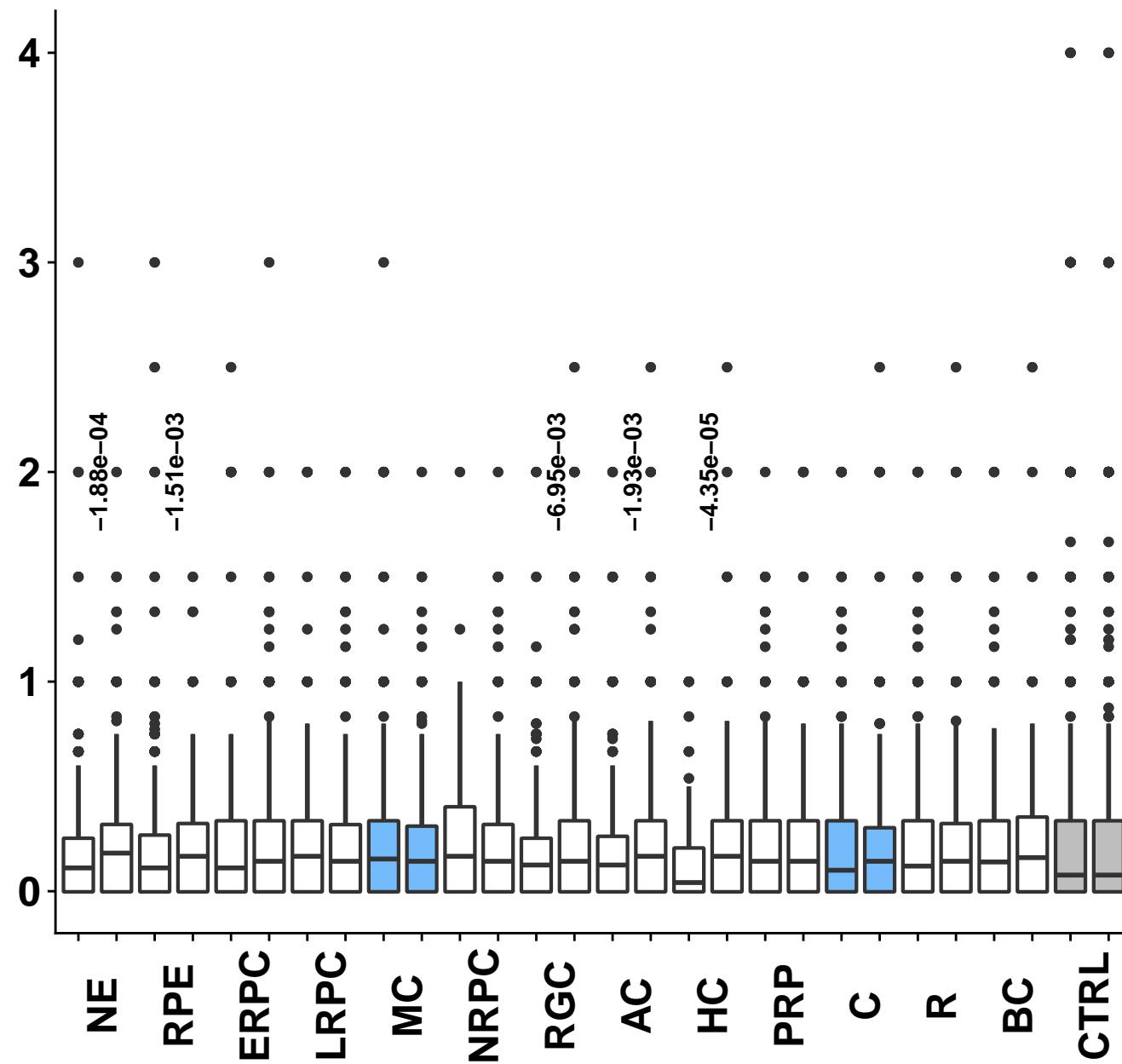
## Stat3\_1\_mean

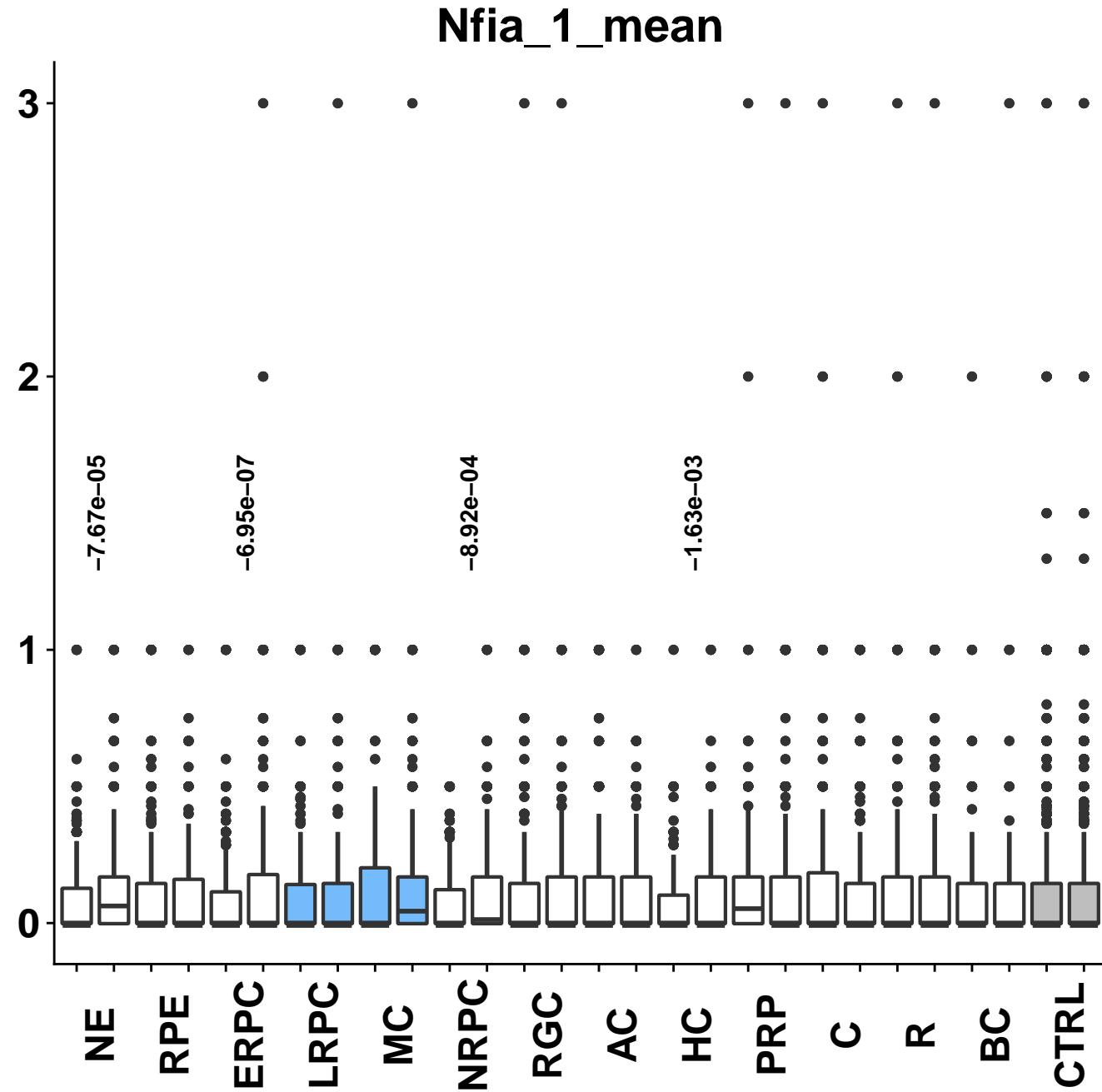


## Stat3\_2\_mean

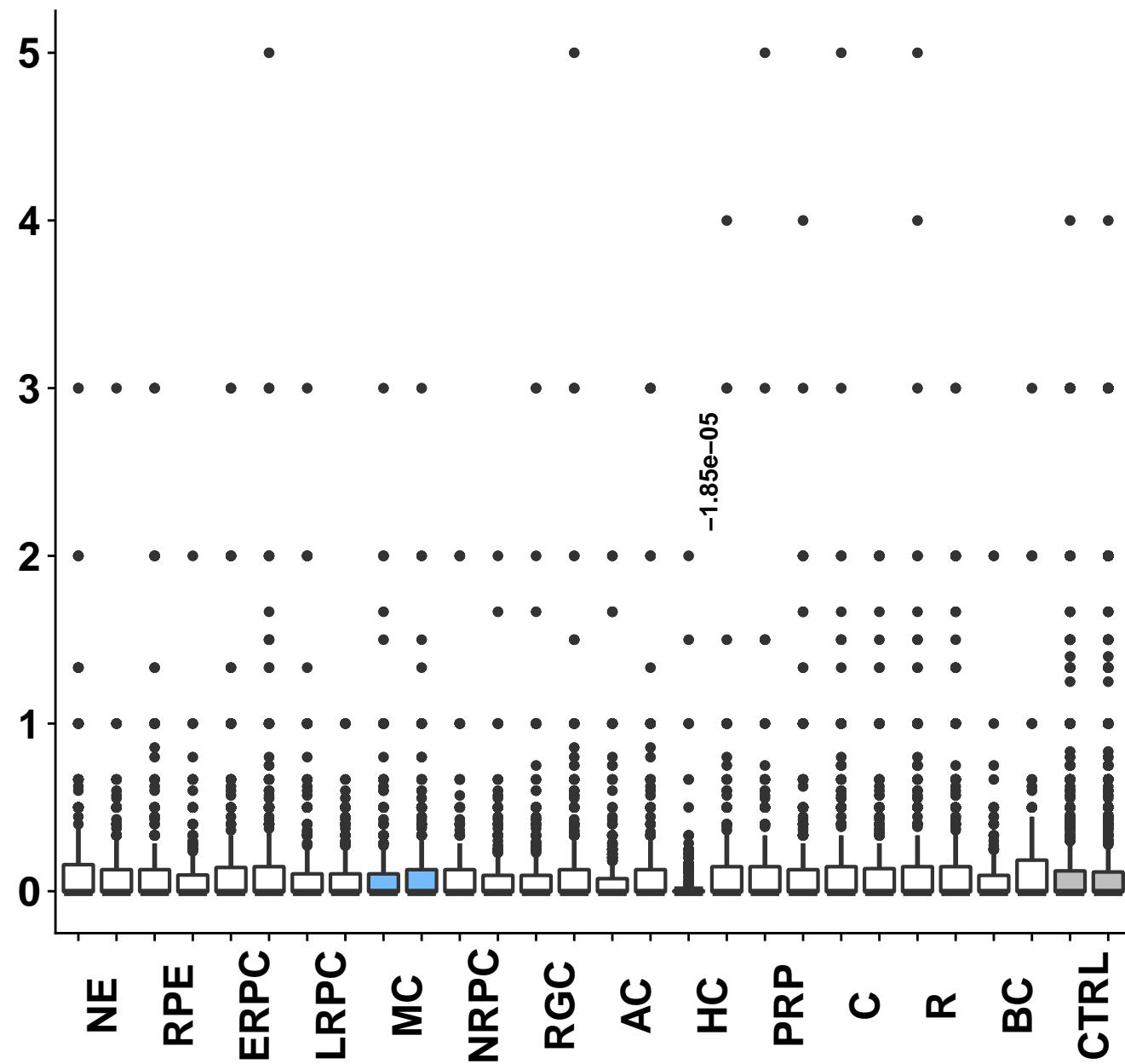


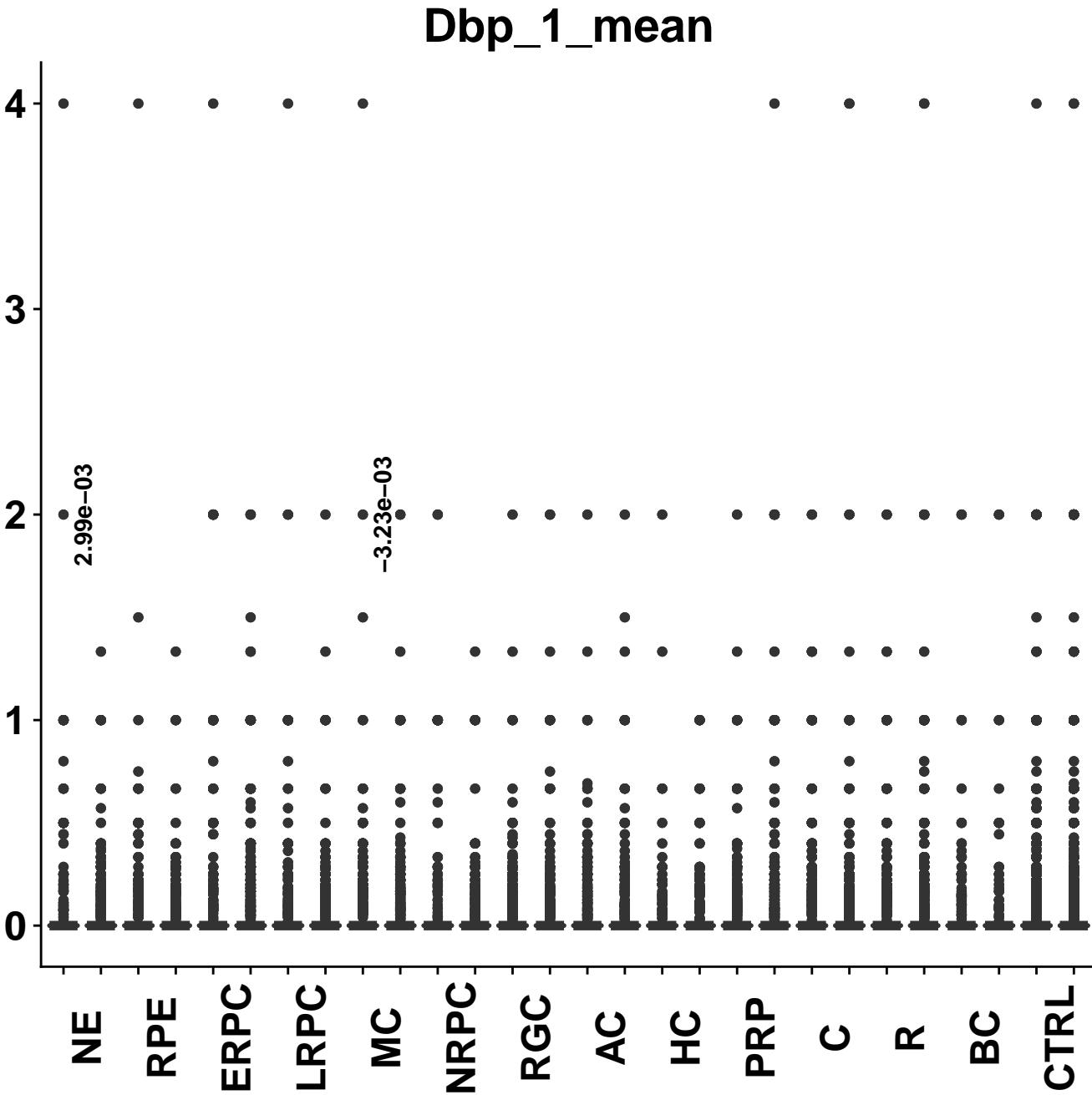
### Stat3\_3\_mean



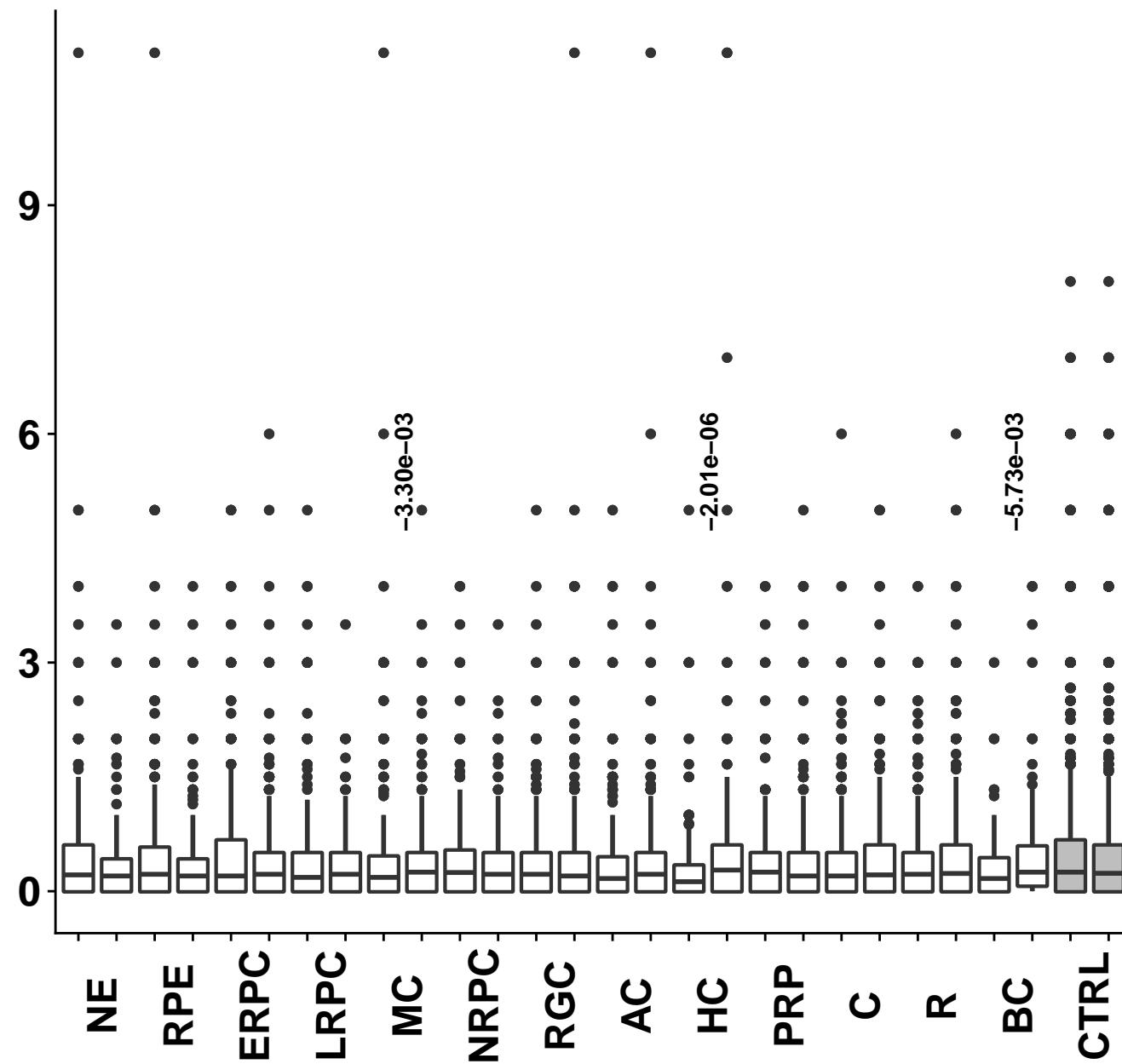


## Creb3l2\_1\_mean

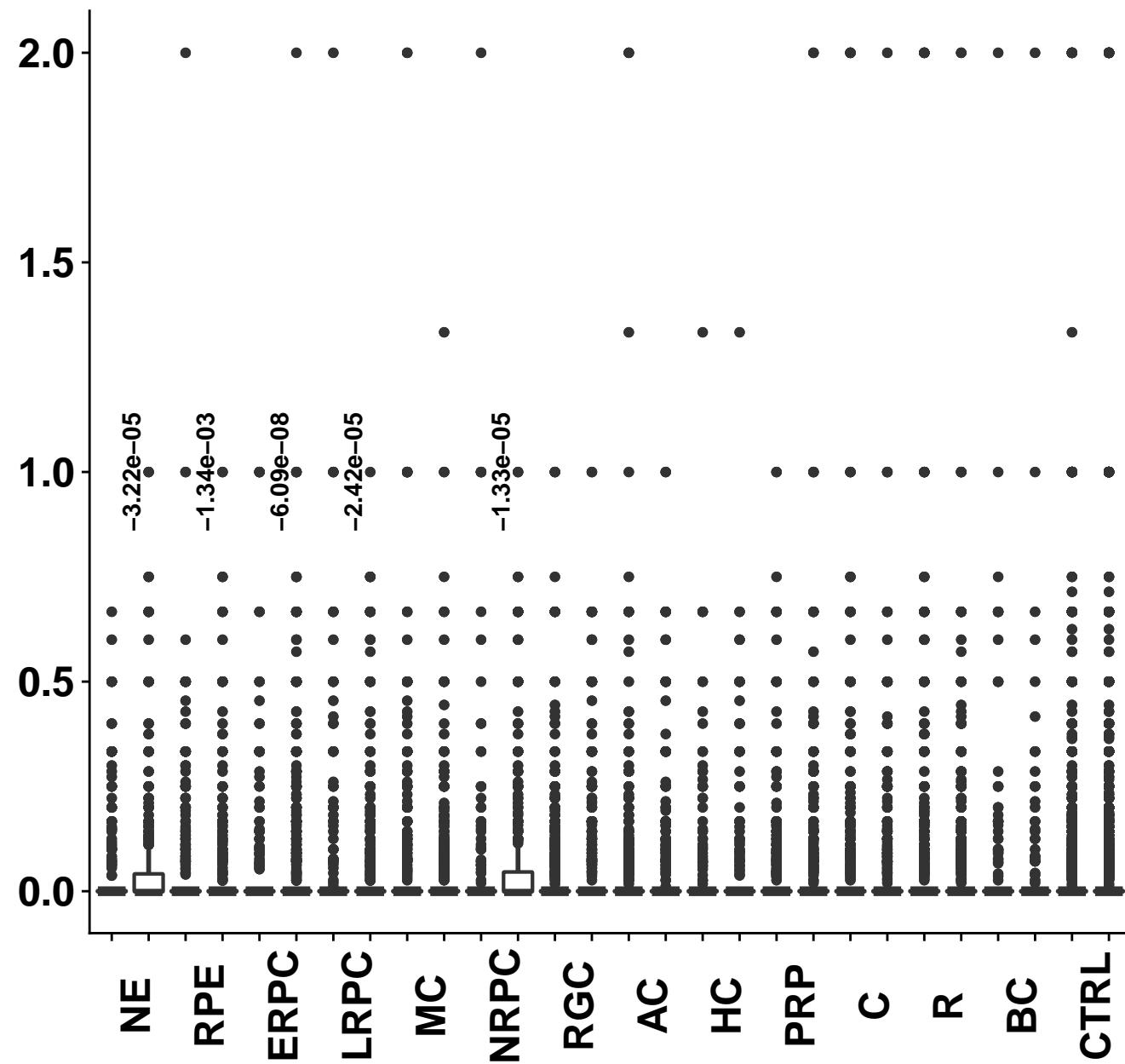




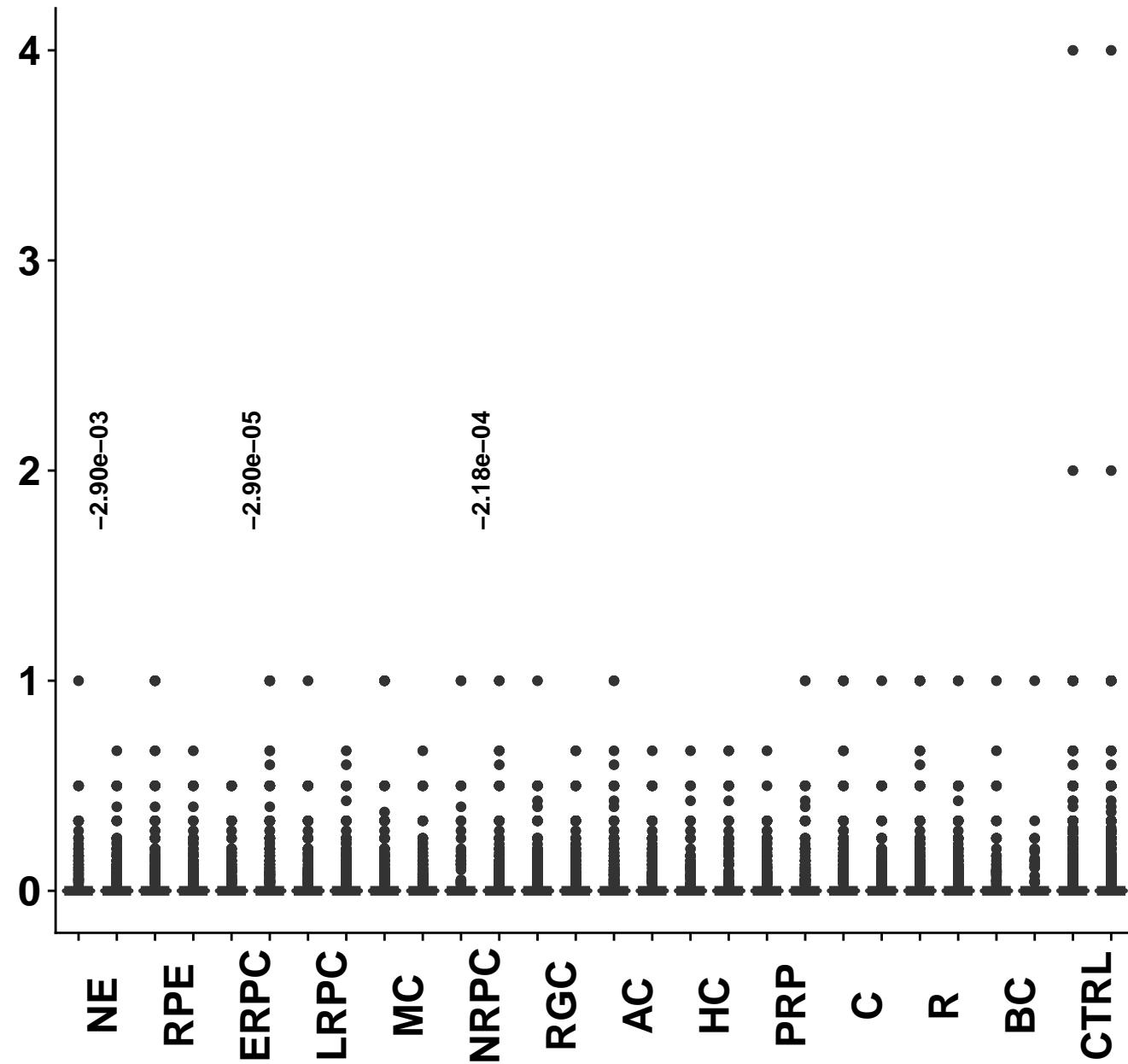
## Hey2\_1\_mean



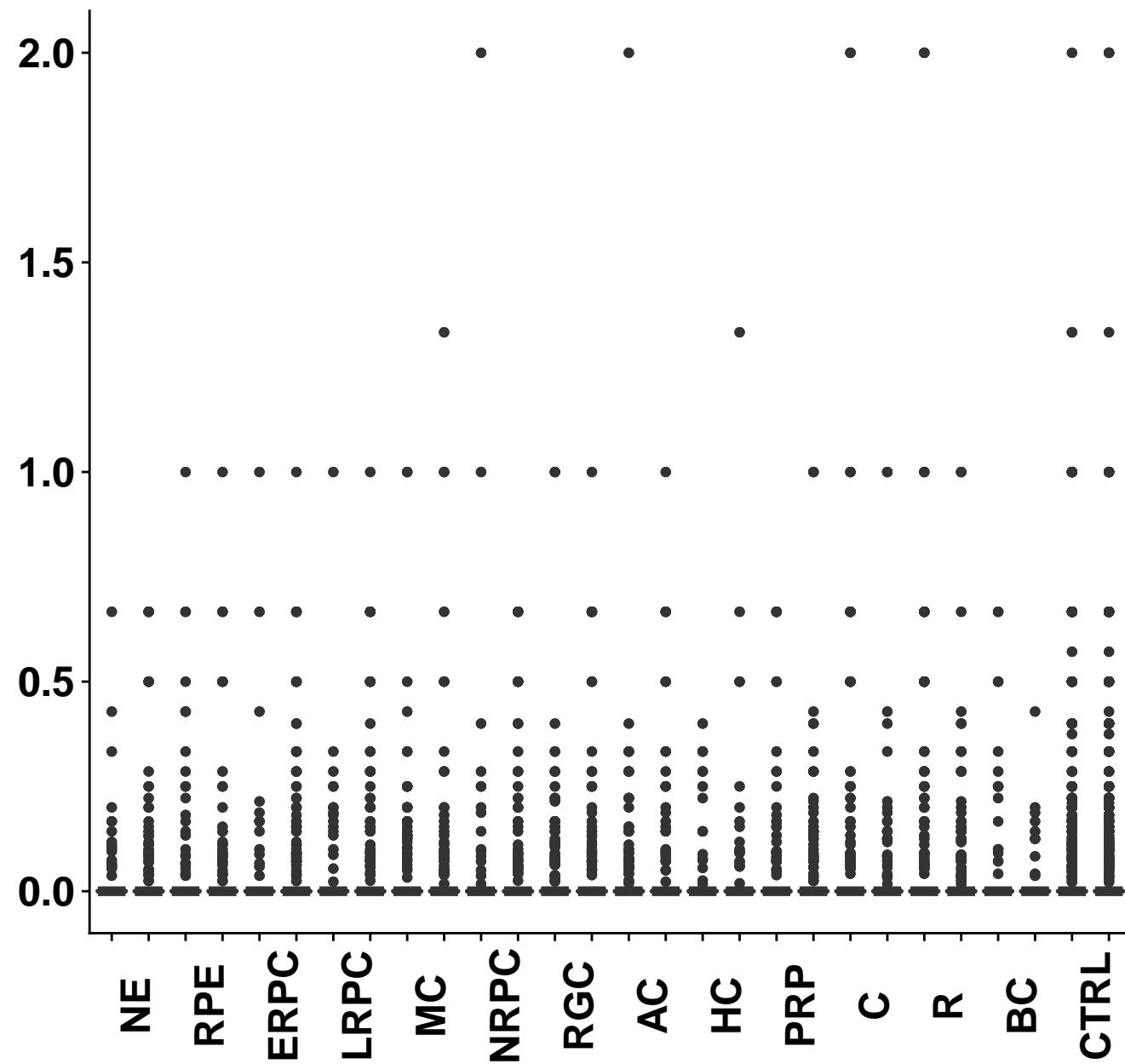
## Mafk\_1\_mean



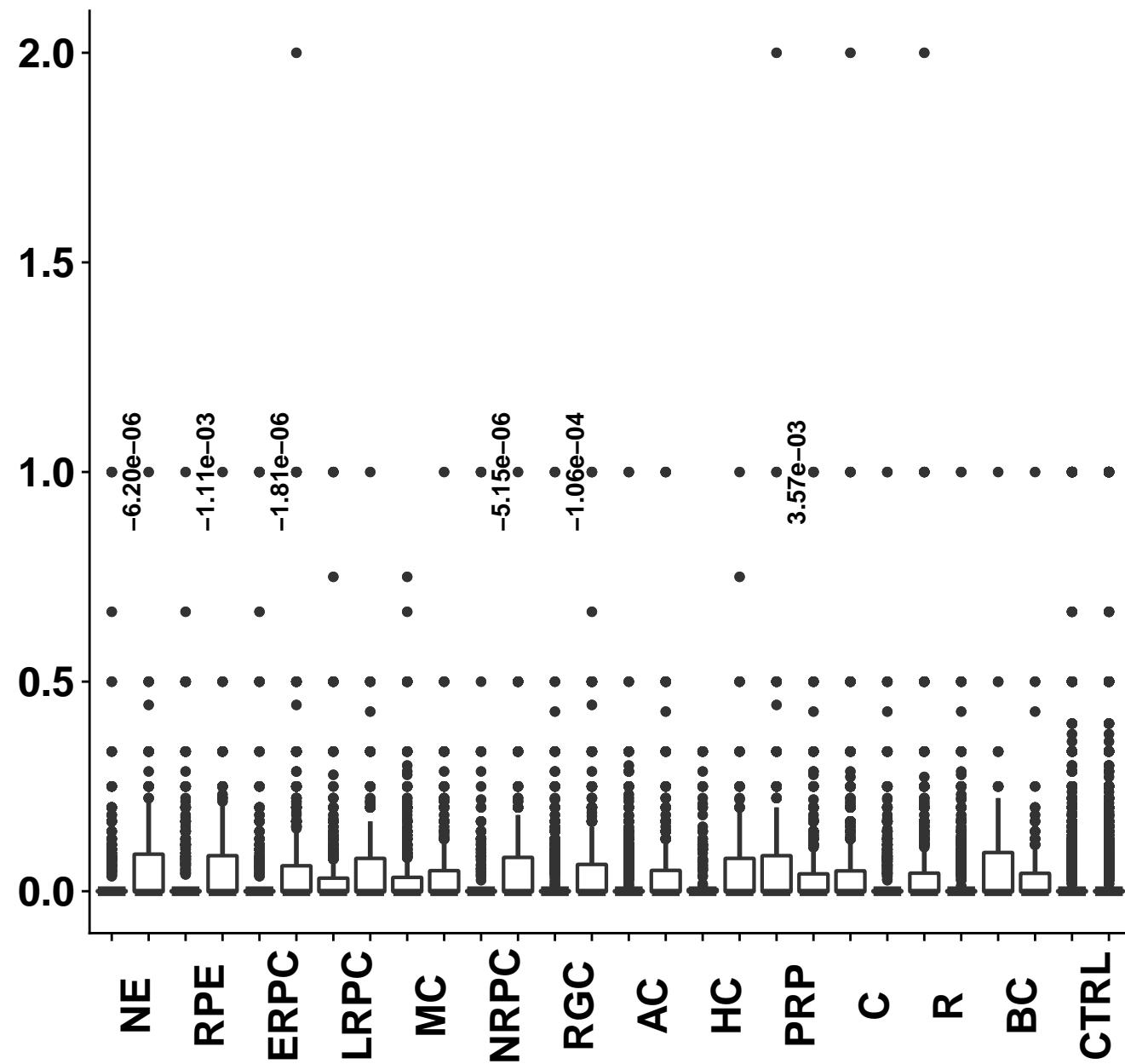
## Mafk\_2\_mean



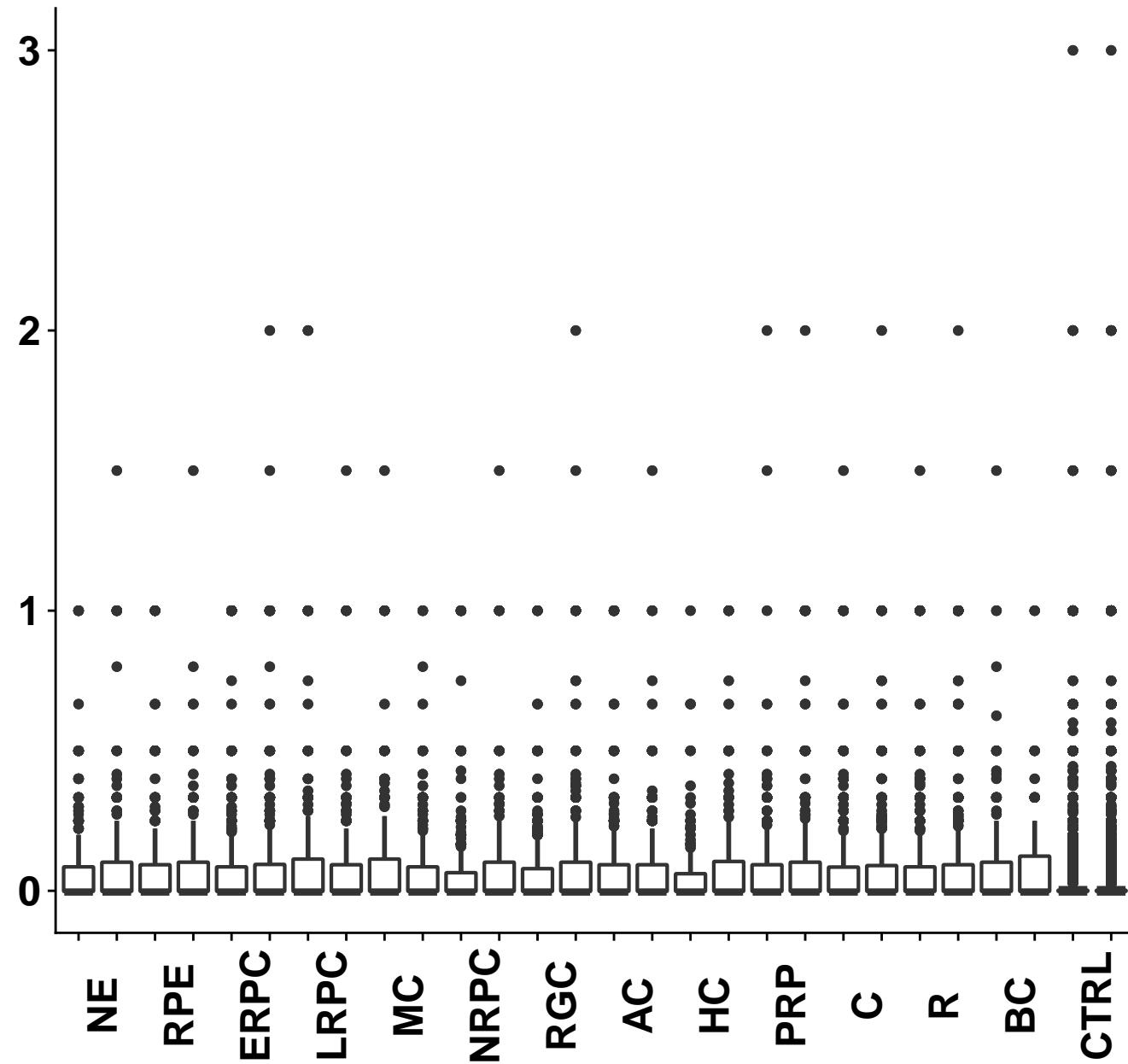
### Mafk\_3\_mean



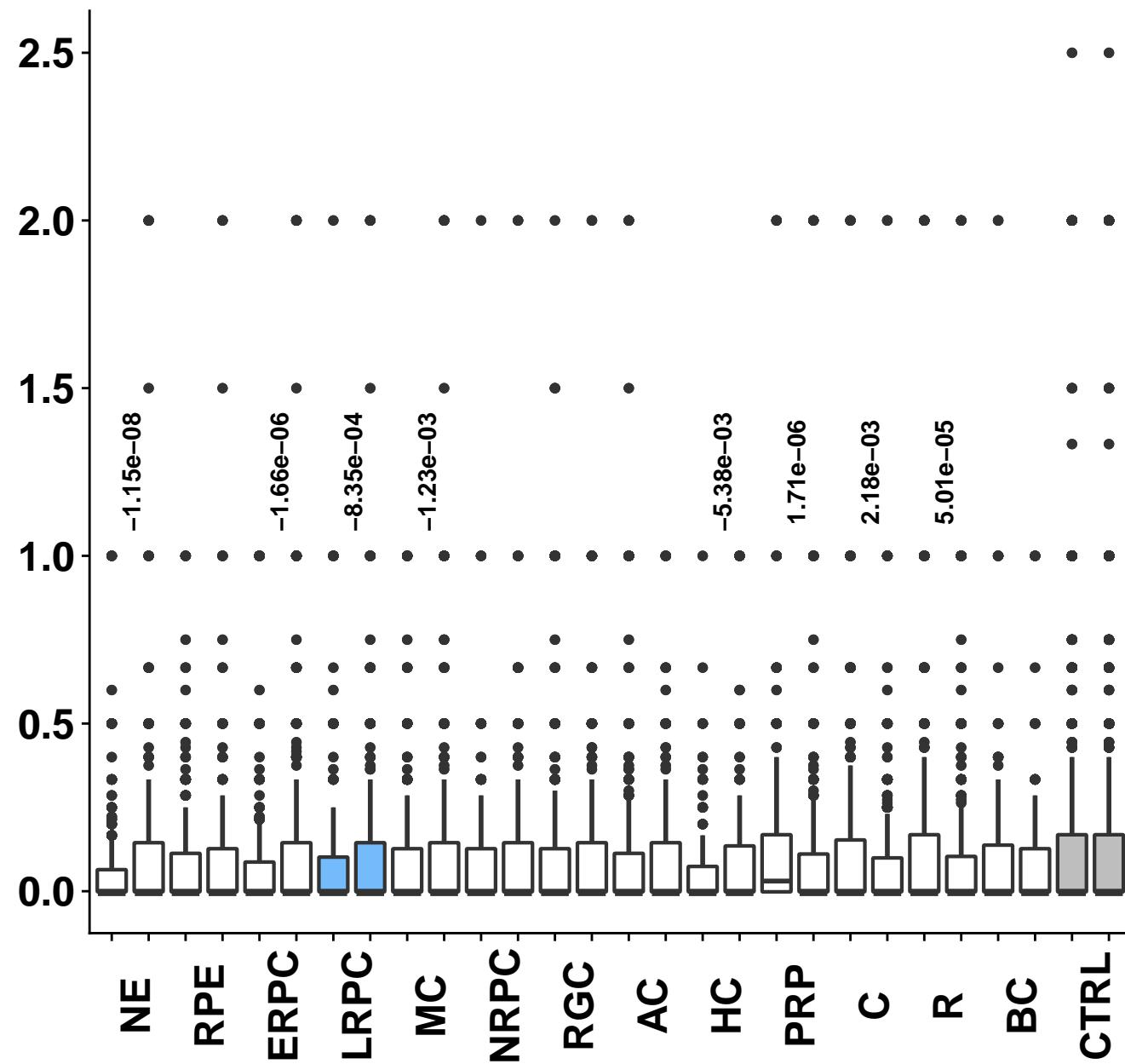
## Mafk\_4\_mean



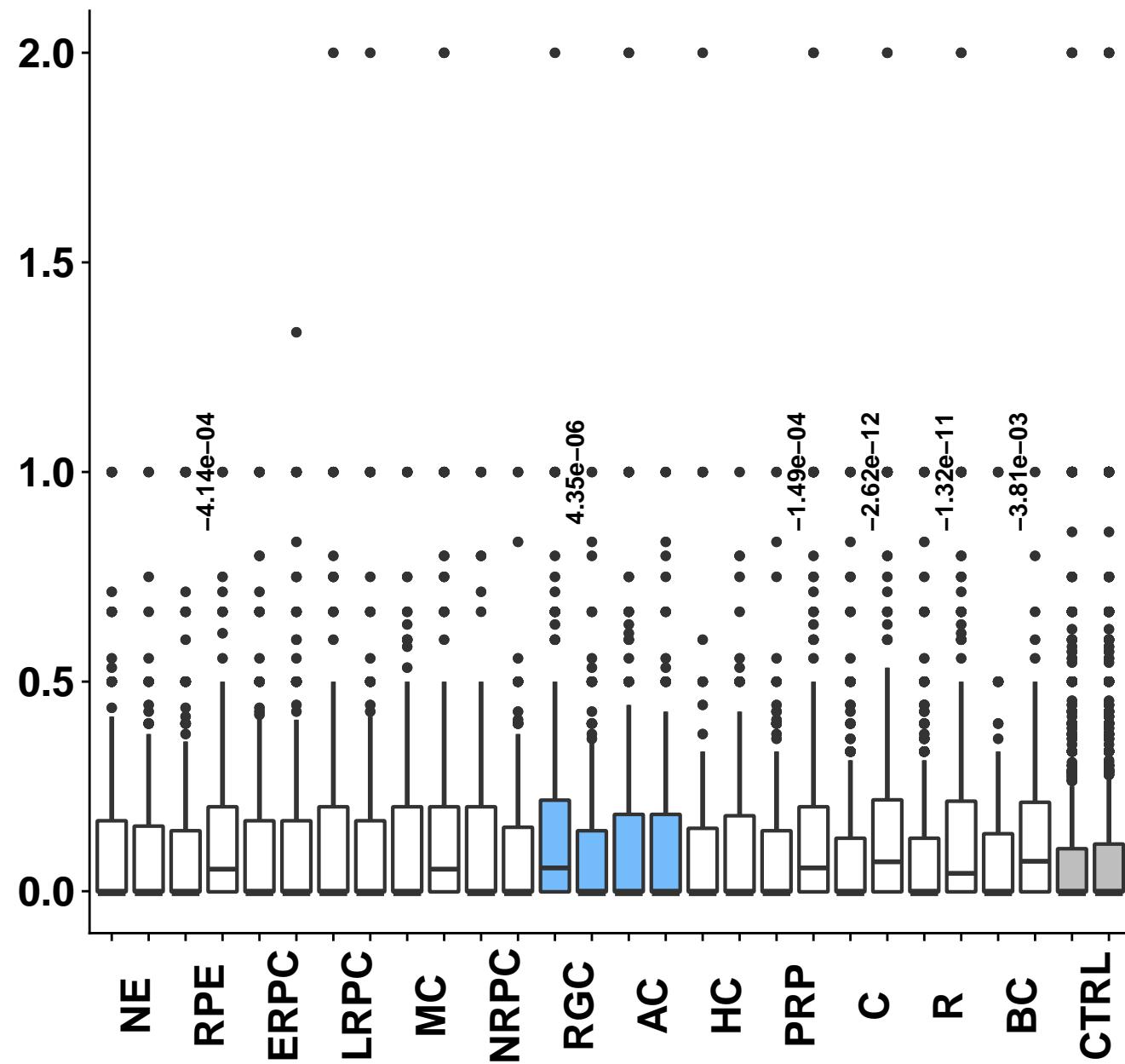
## Mafk\_5\_mean



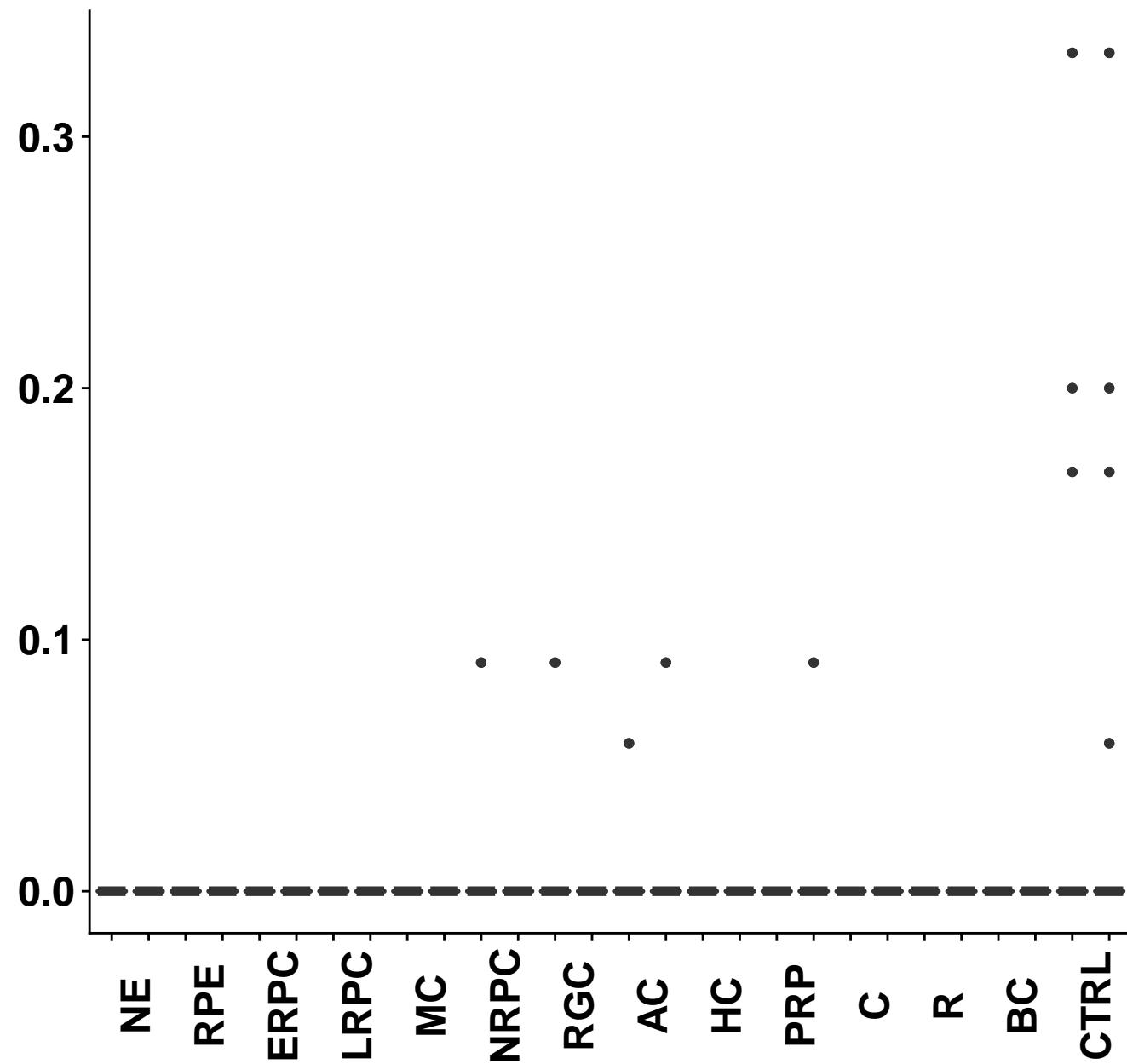
## Zeb2\_1\_mean



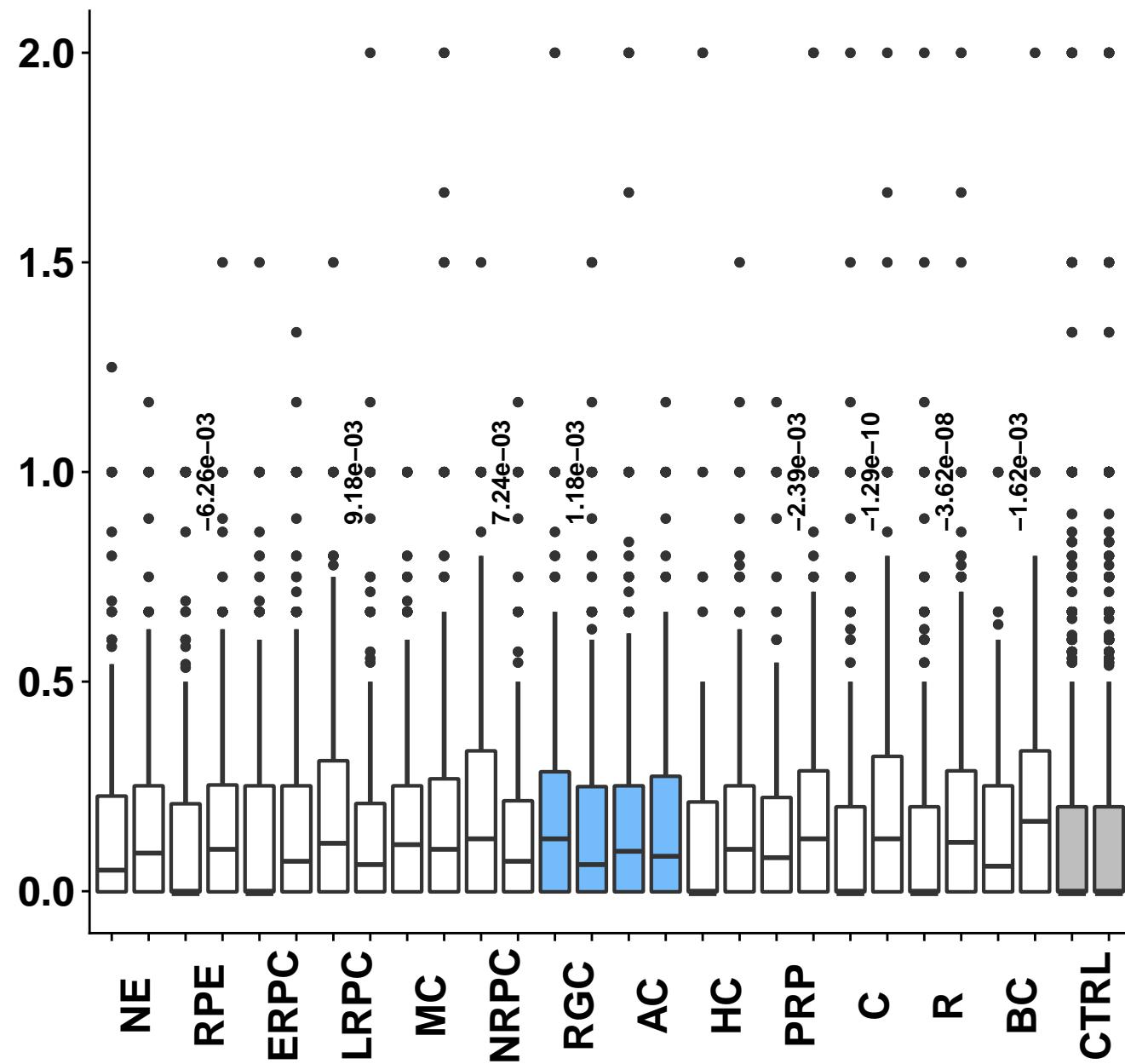
## Sox4\_1\_mean



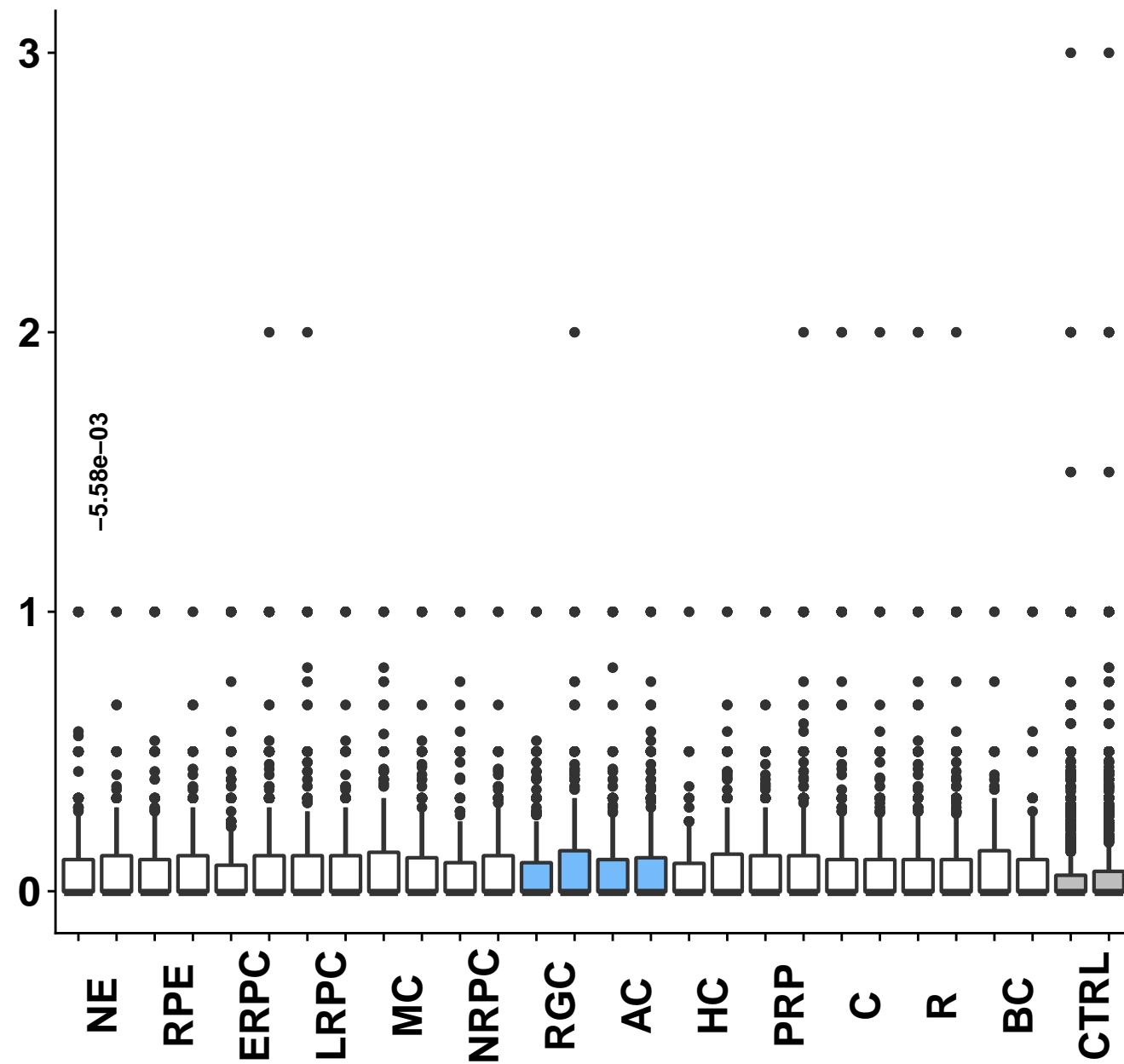
## **Sox4\_2\_mean**



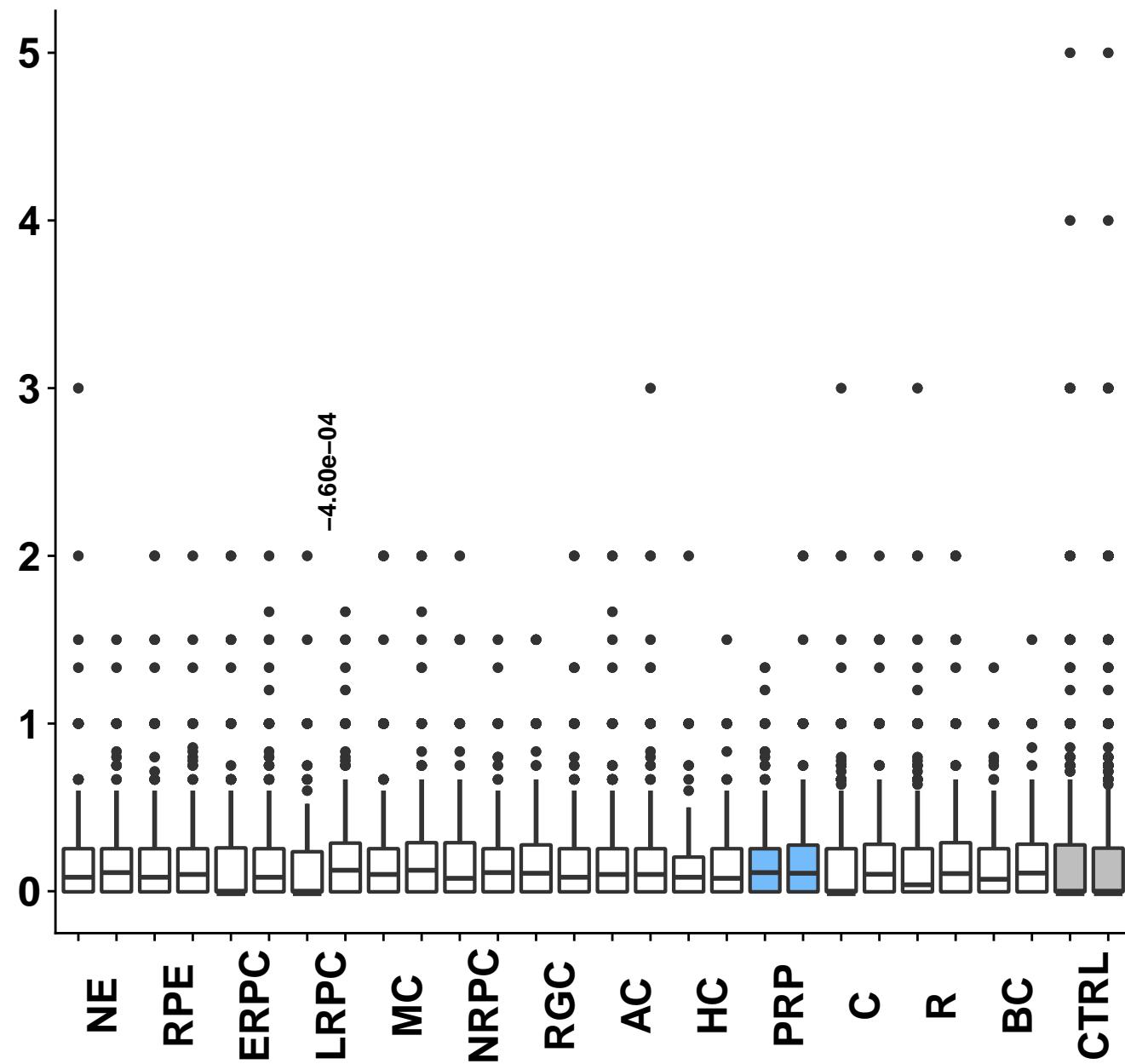
### **Sox4\_3\_mean**



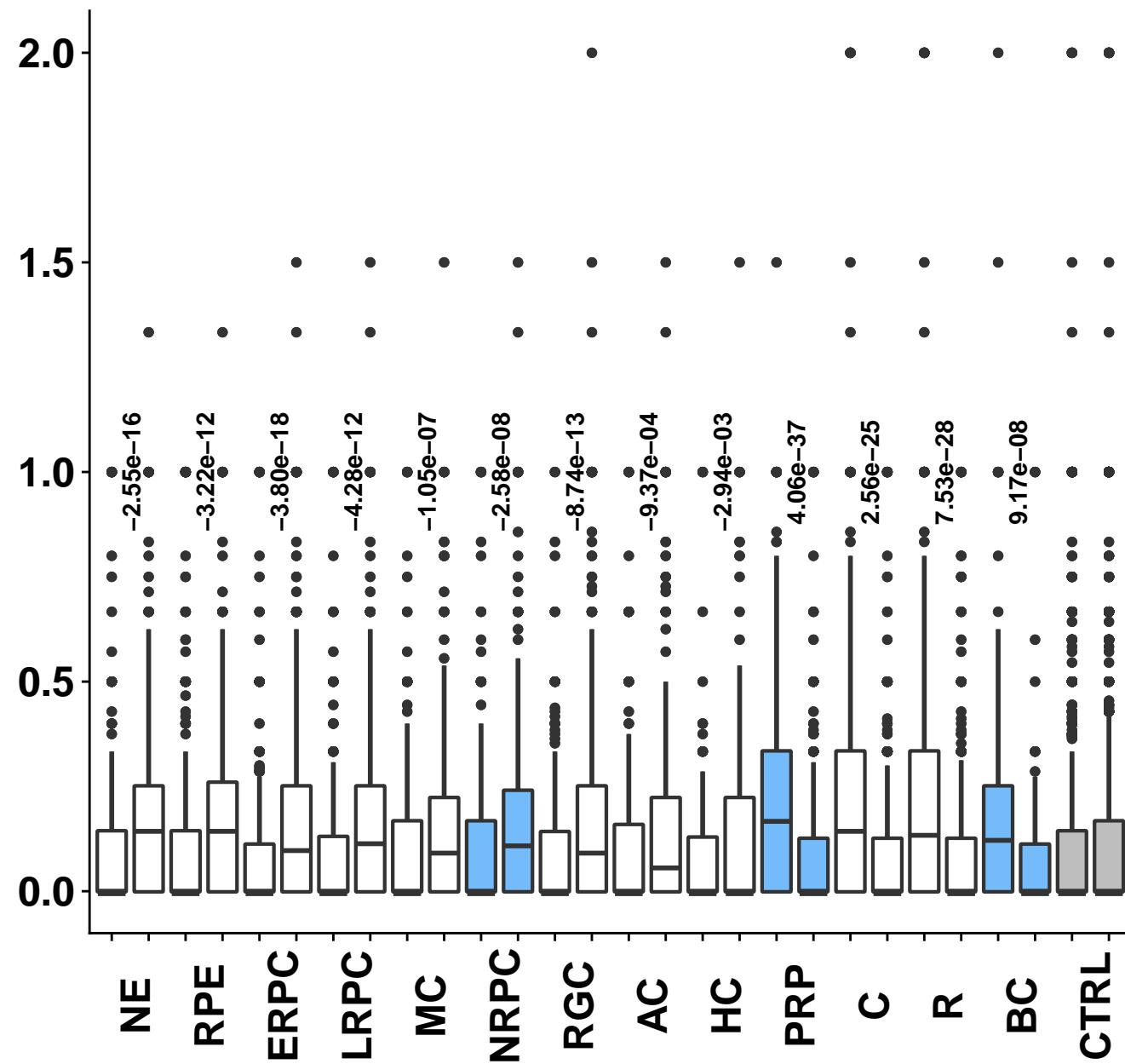
## **Sox4\_4\_mean**



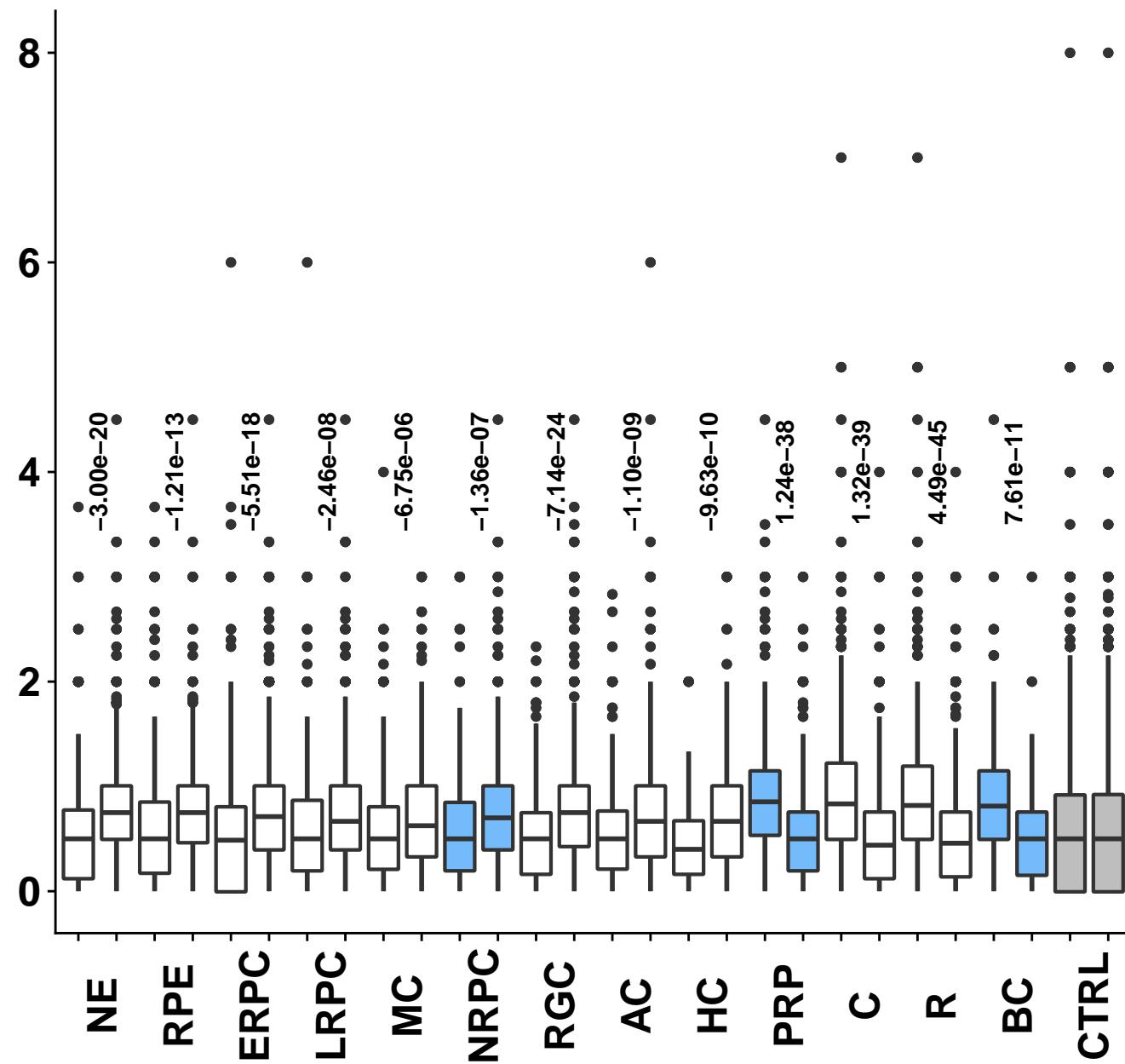
# Insm1\_1\_mean



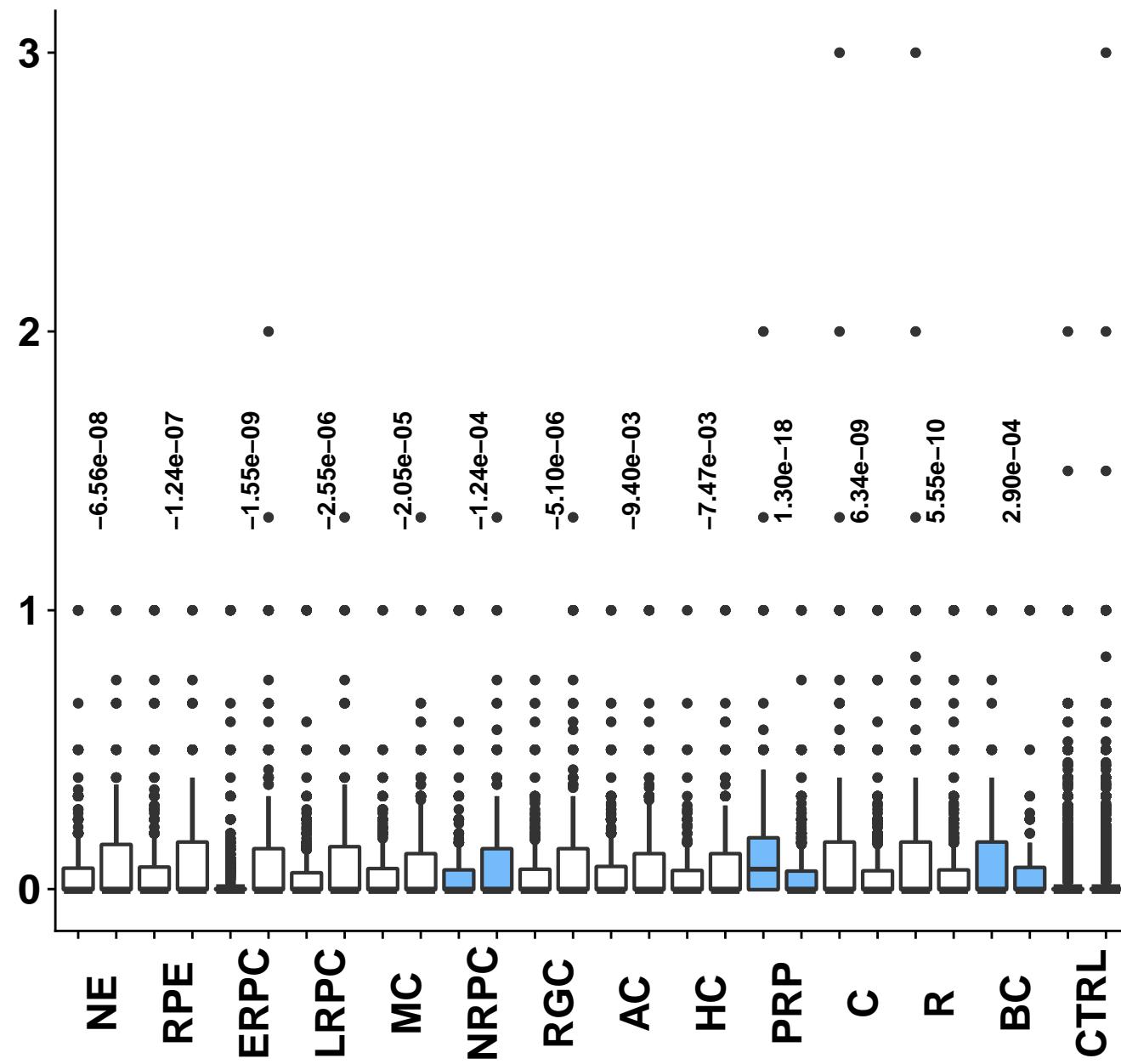
## Otx2\_1\_mean



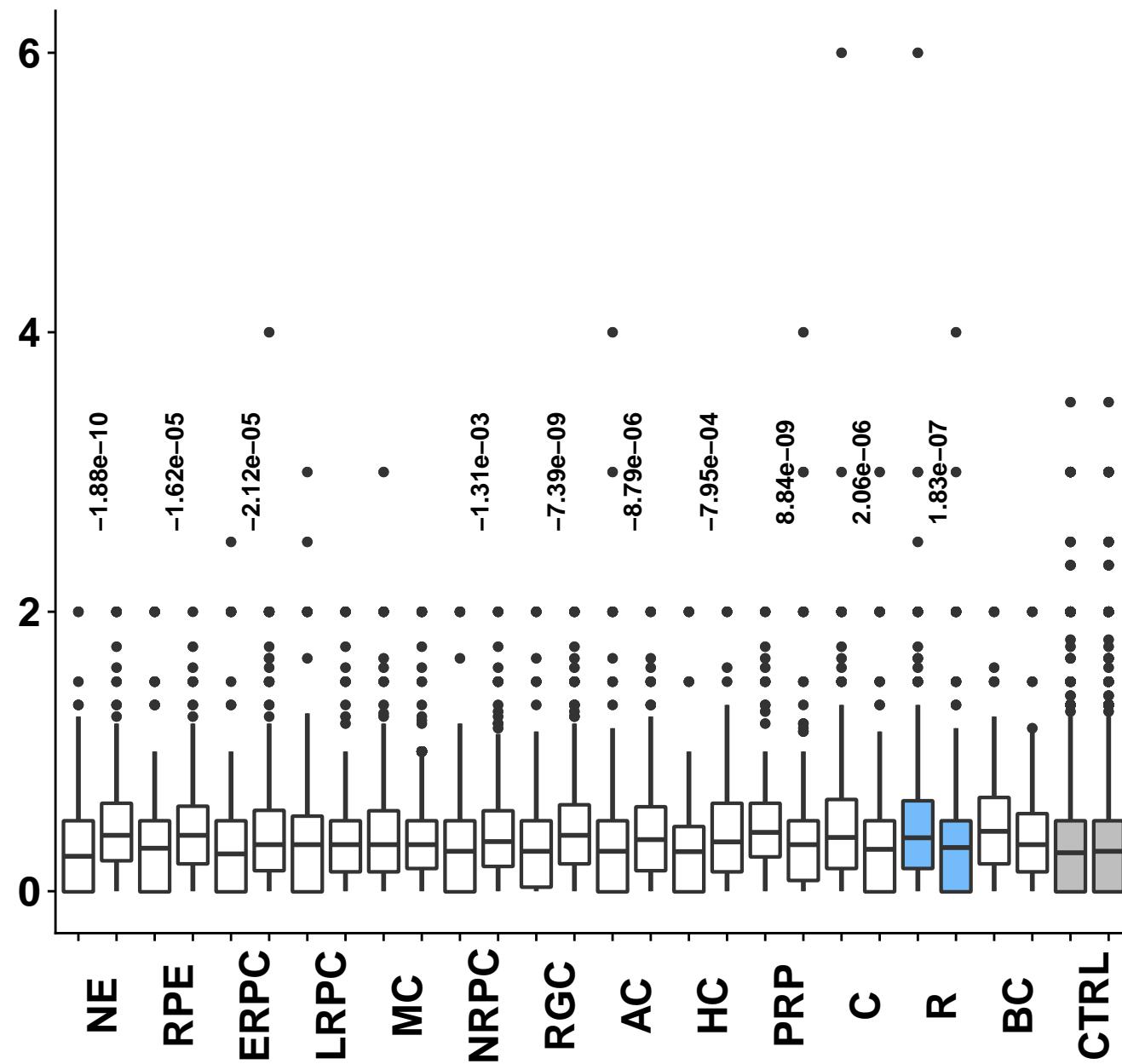
## Otx2\_2\_mean



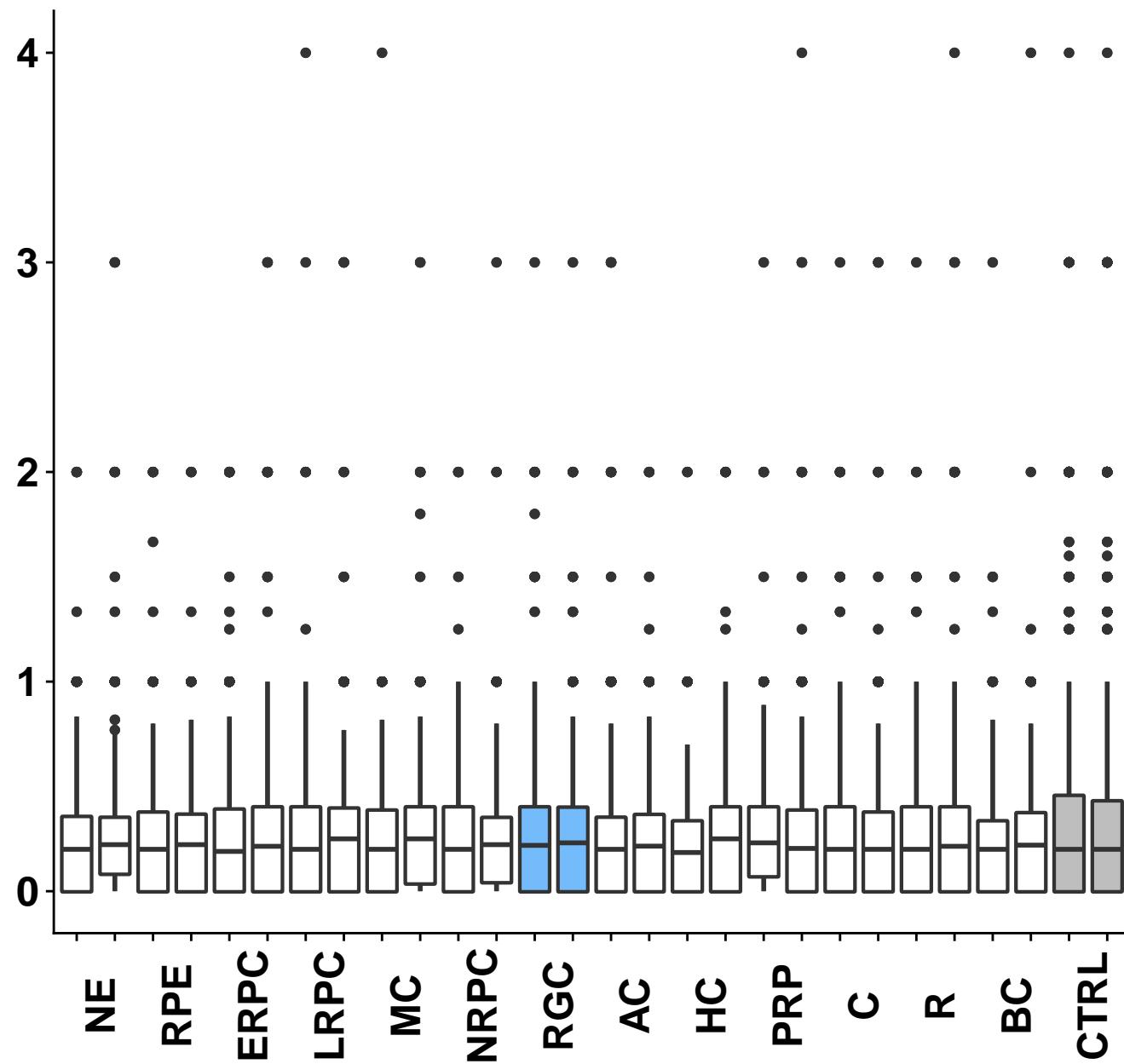
## Otx2\_3\_mean



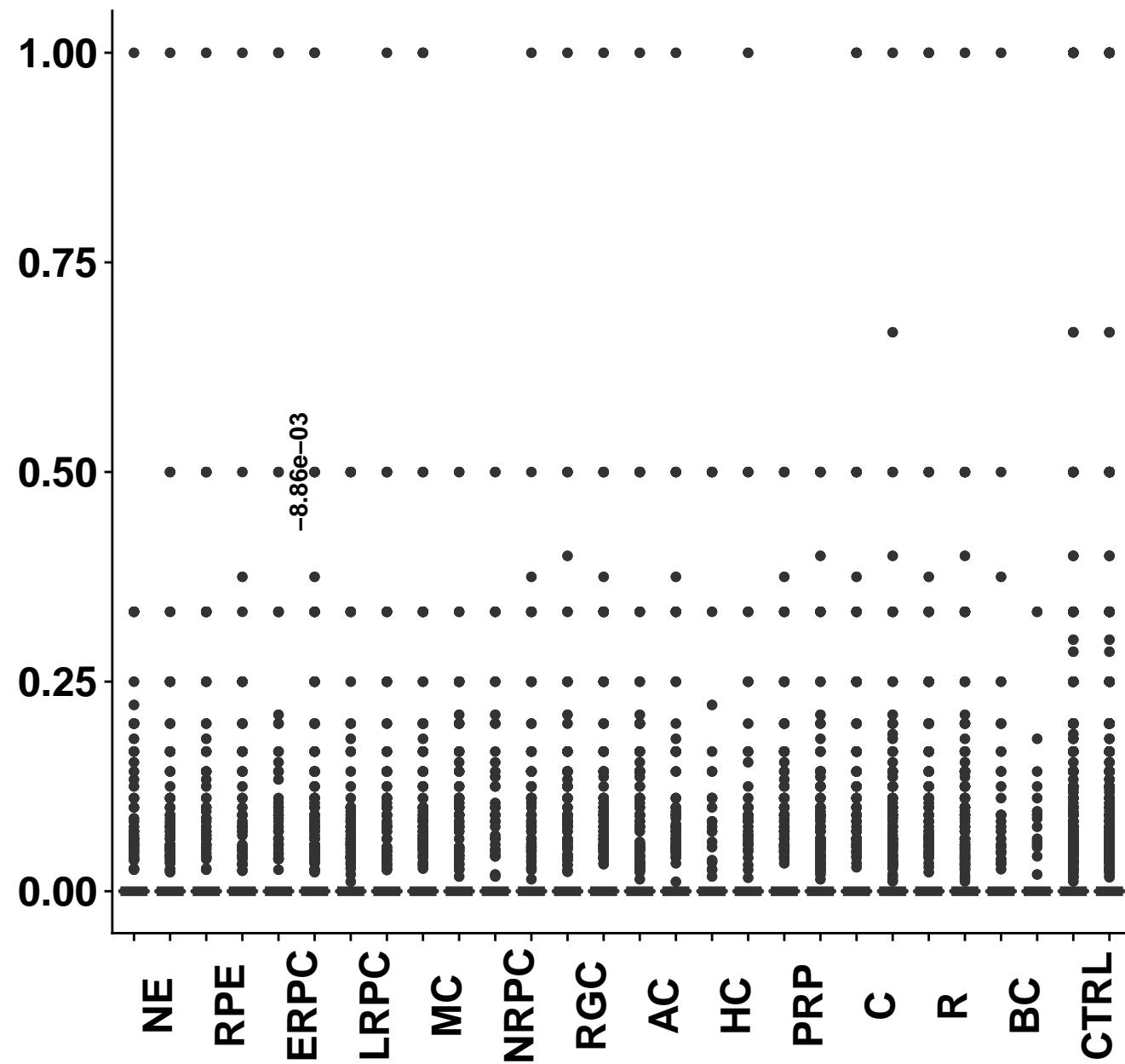
## Rorb\_1\_mean



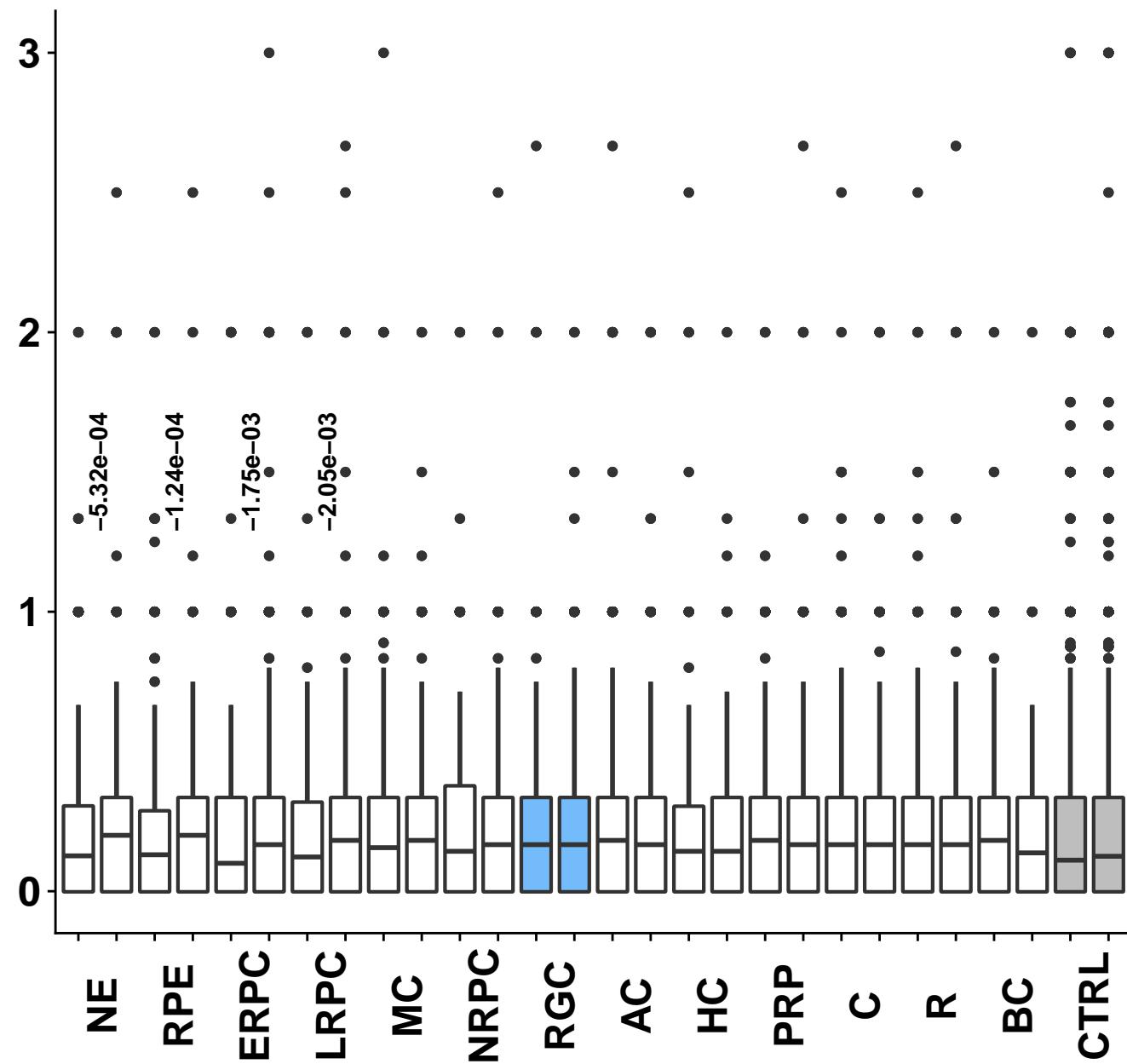
## Smad2\_1\_mean



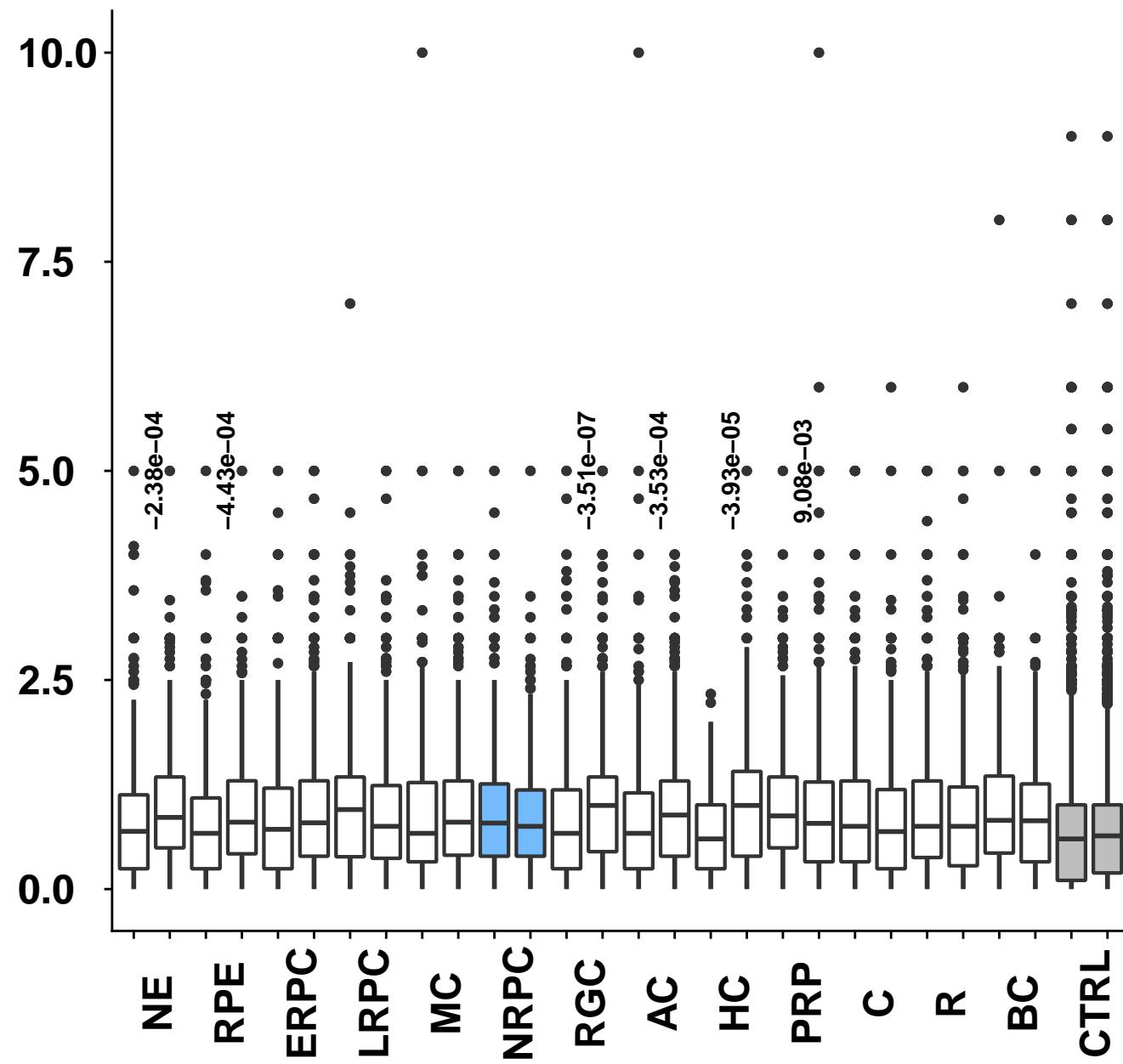
## Smad2\_2\_mean



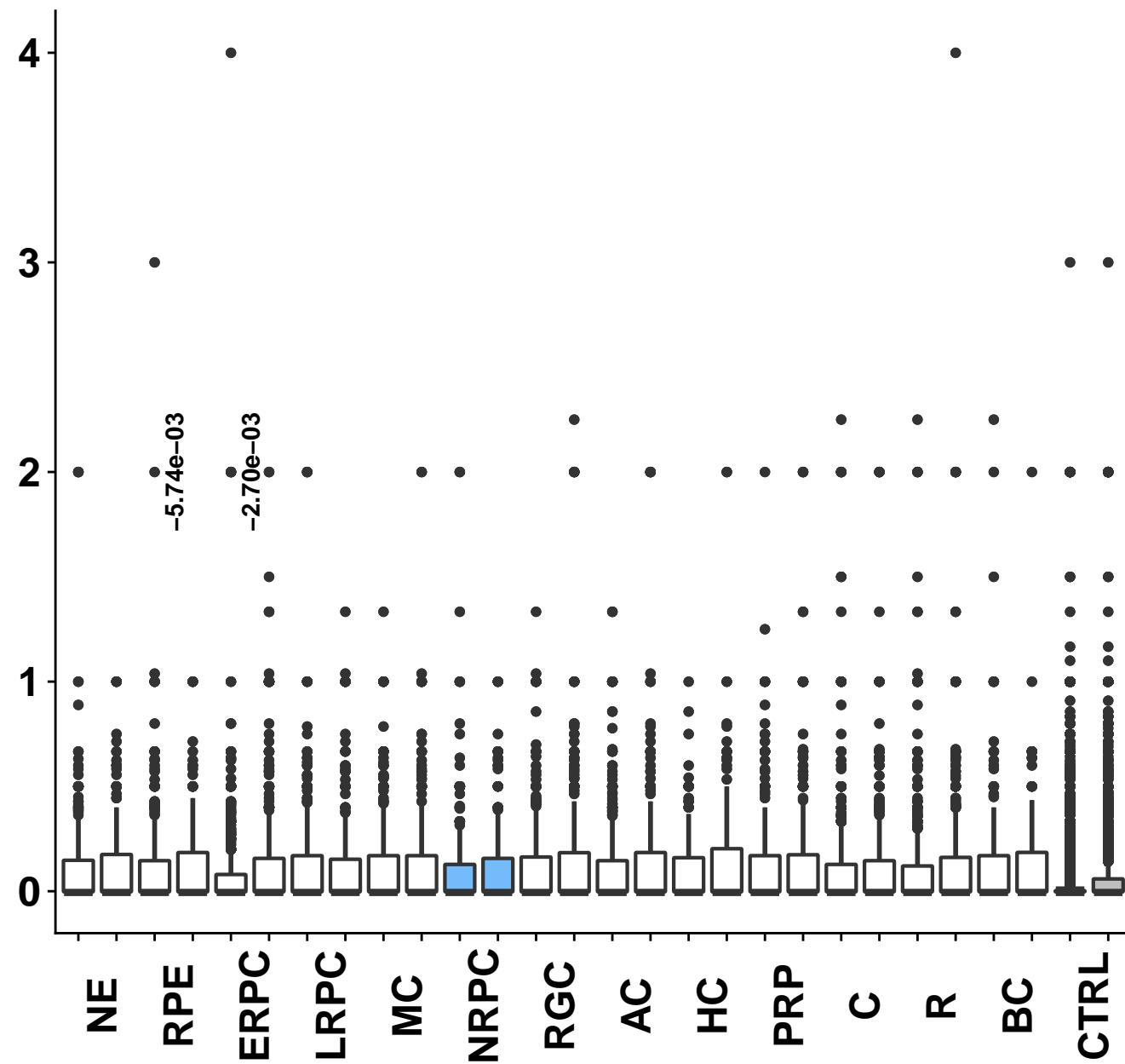
## Smad2\_3\_mean



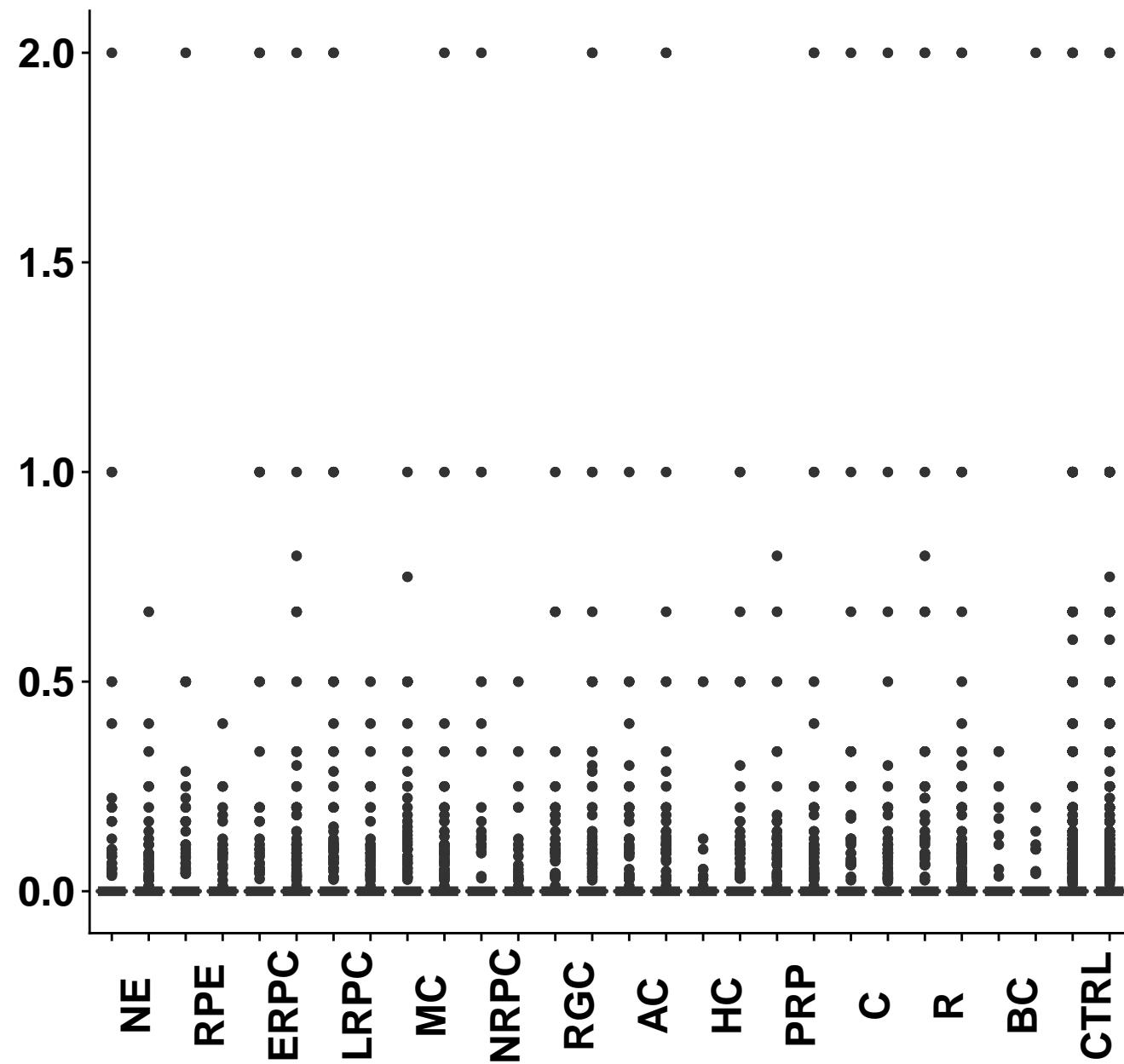
## Dlx2\_1\_mean



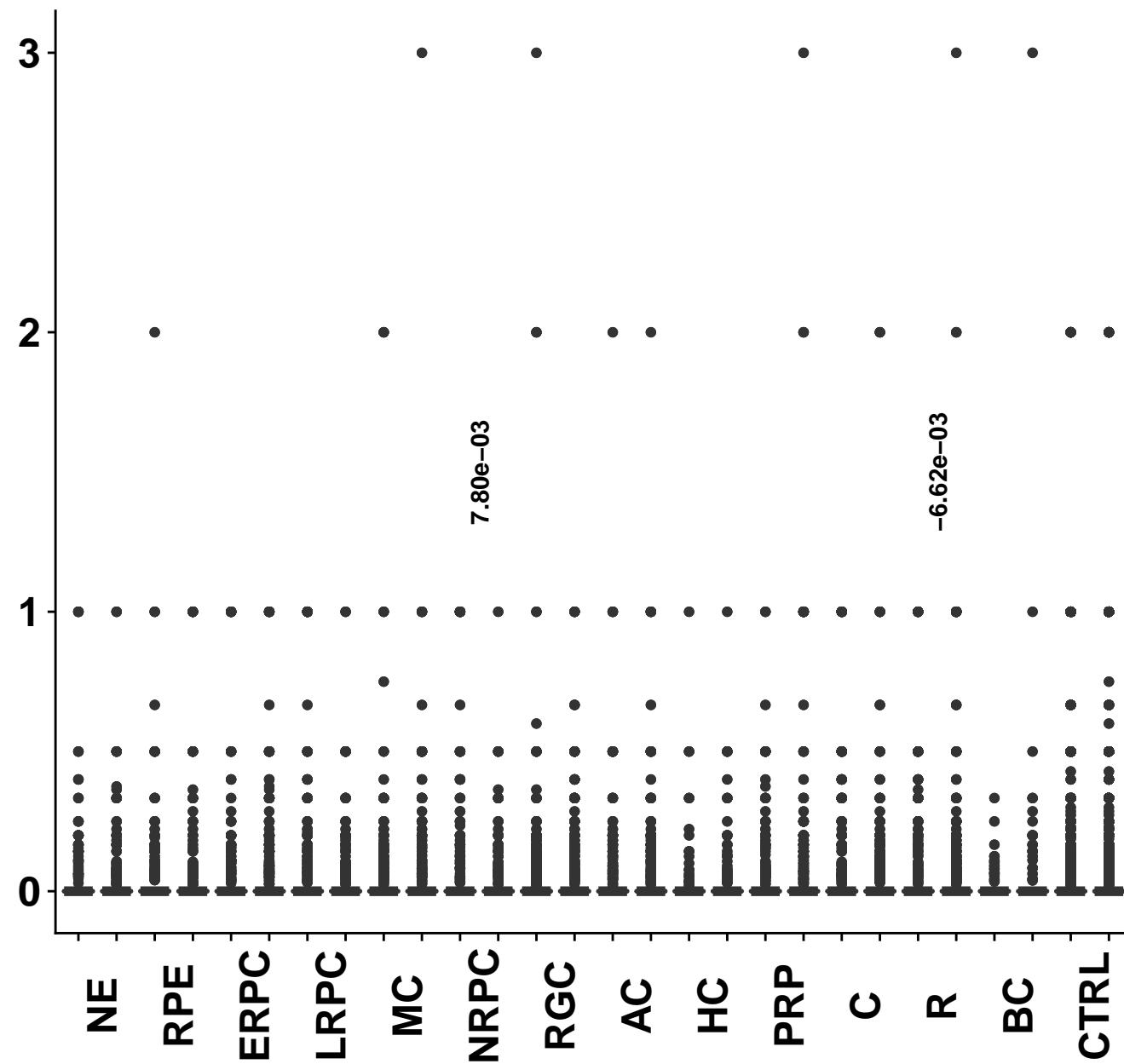
## Dlx2\_2\_mean



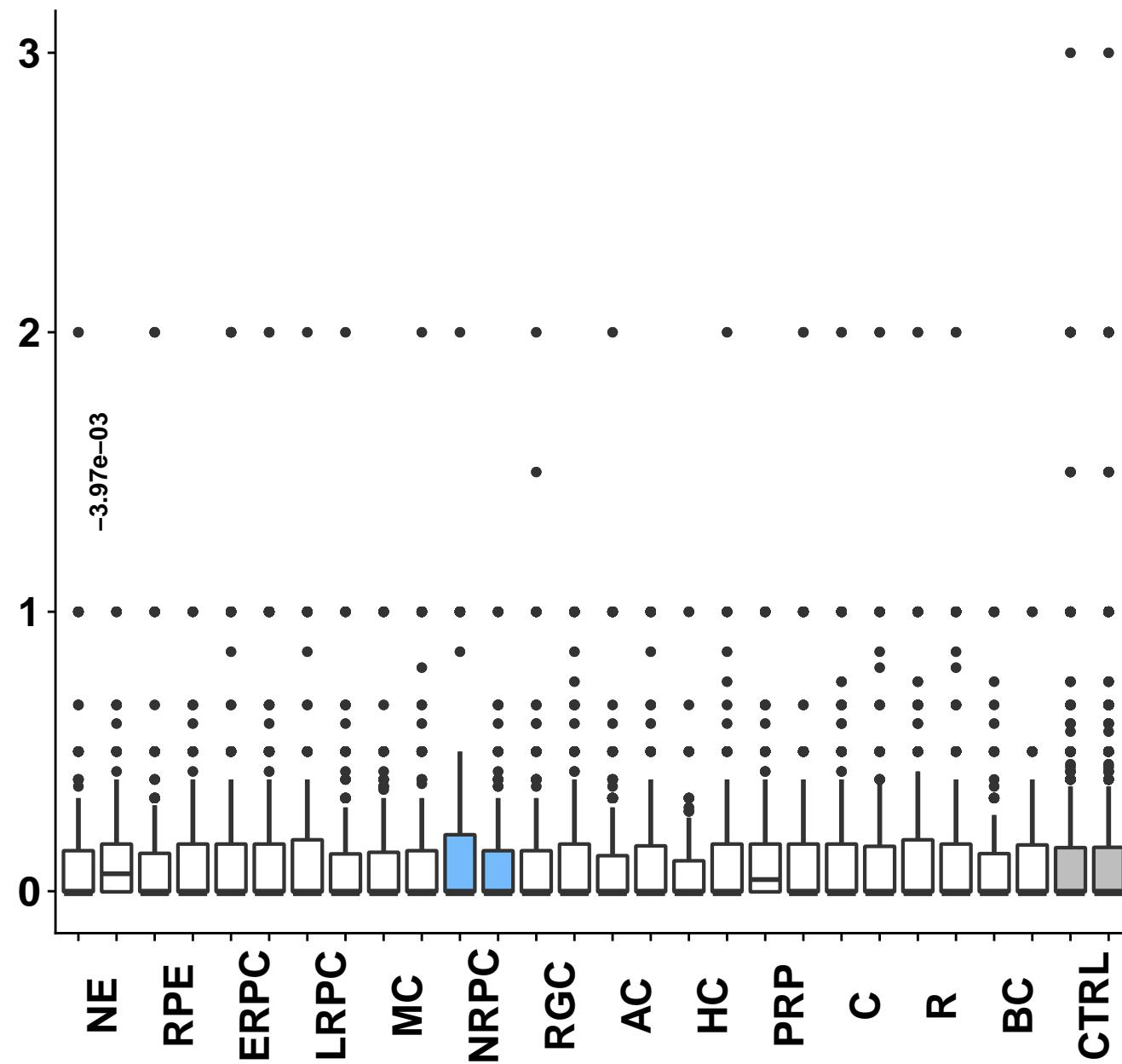
## MybI1\_1\_mean



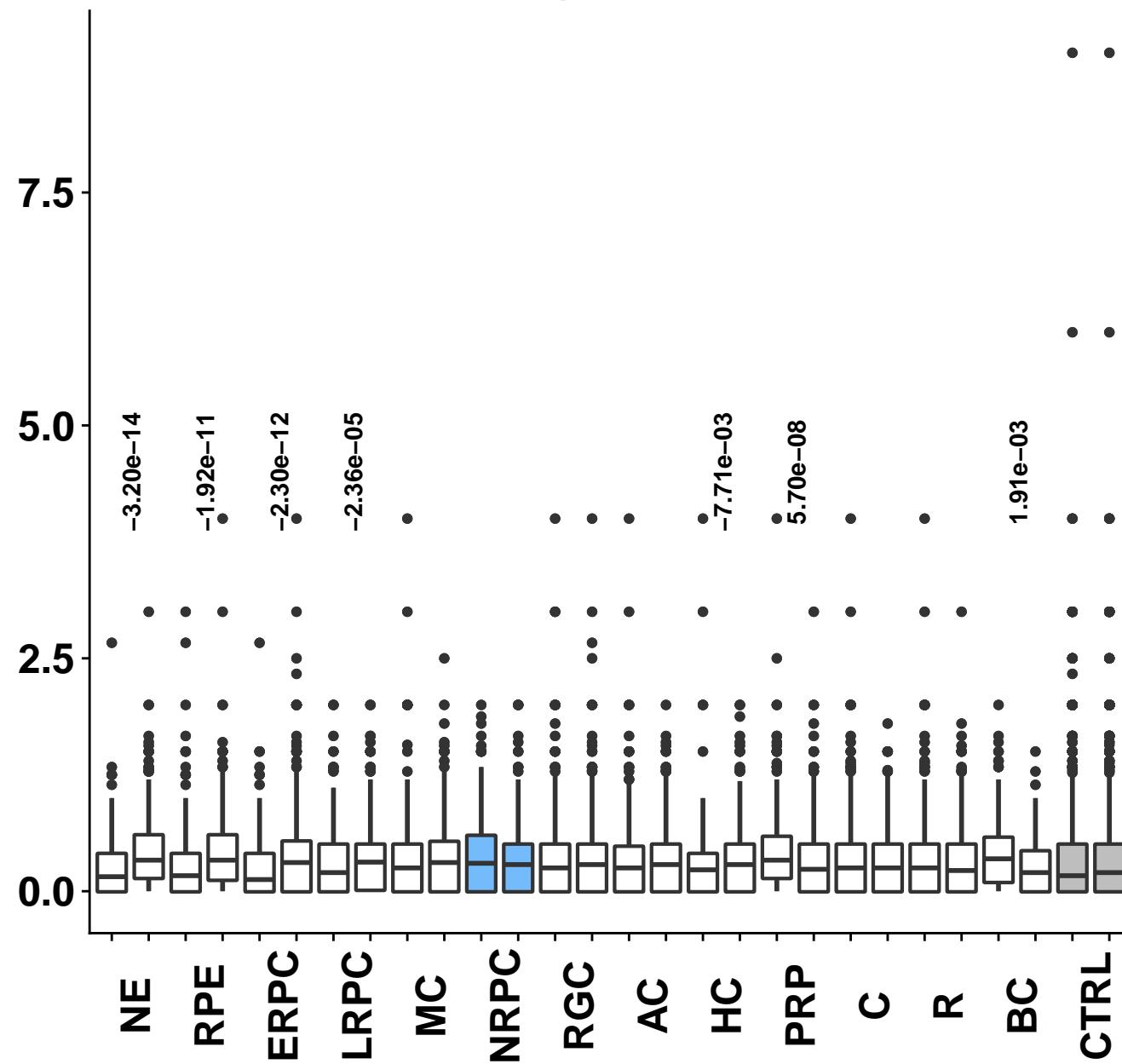
## Mybl1\_2\_mean



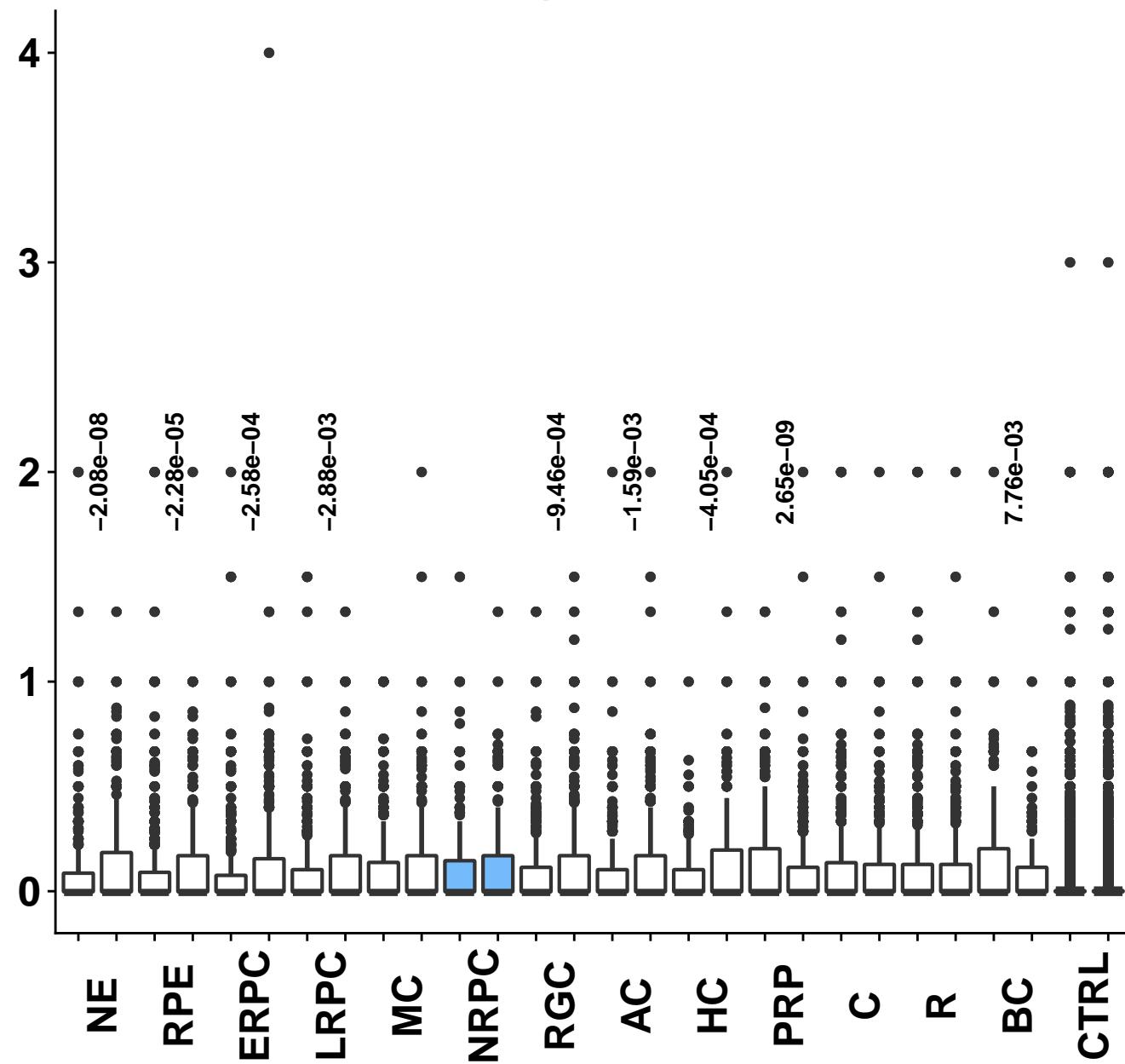
### Mybl1\_3\_mean



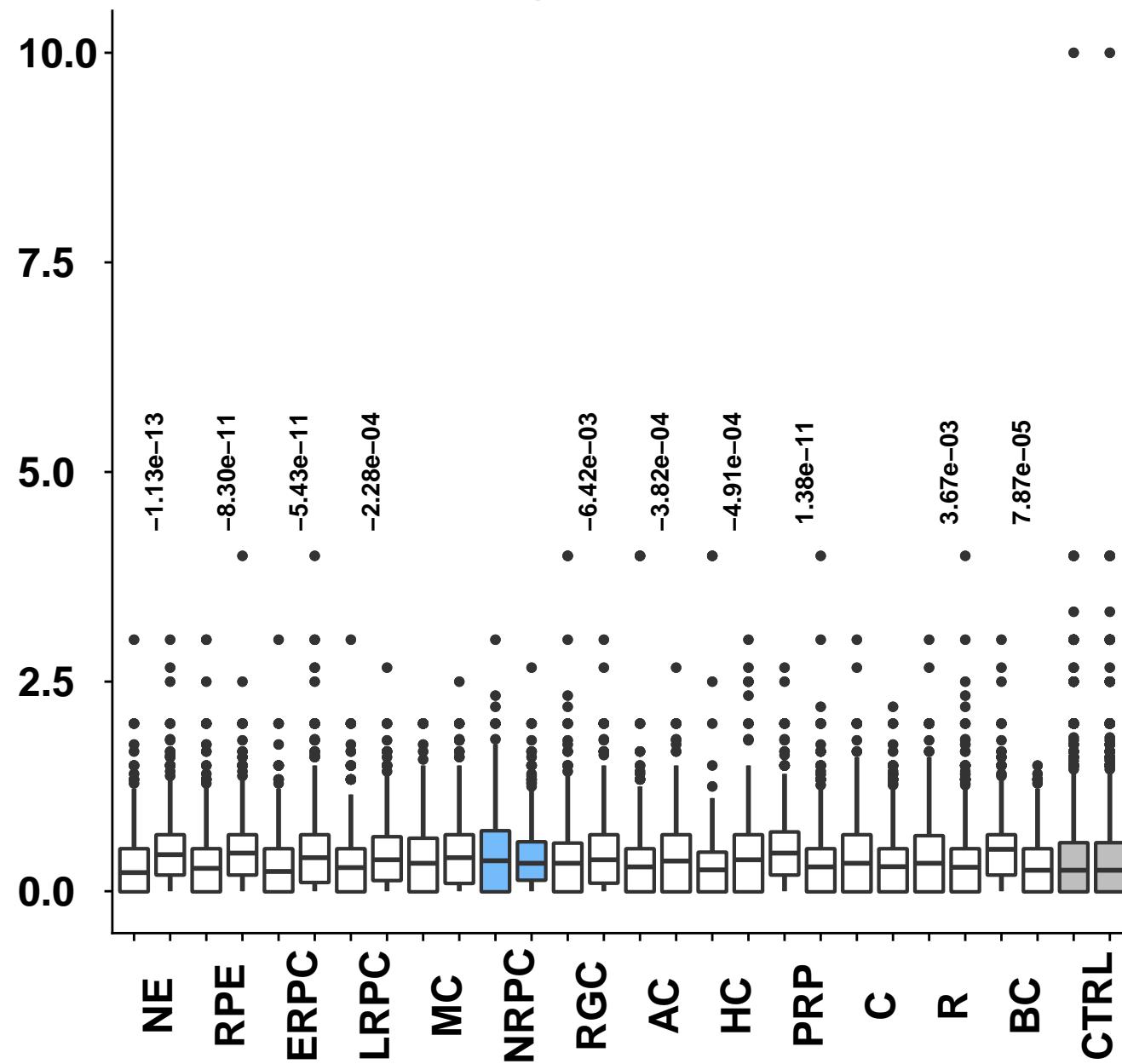
## Neurog2\_1\_mean



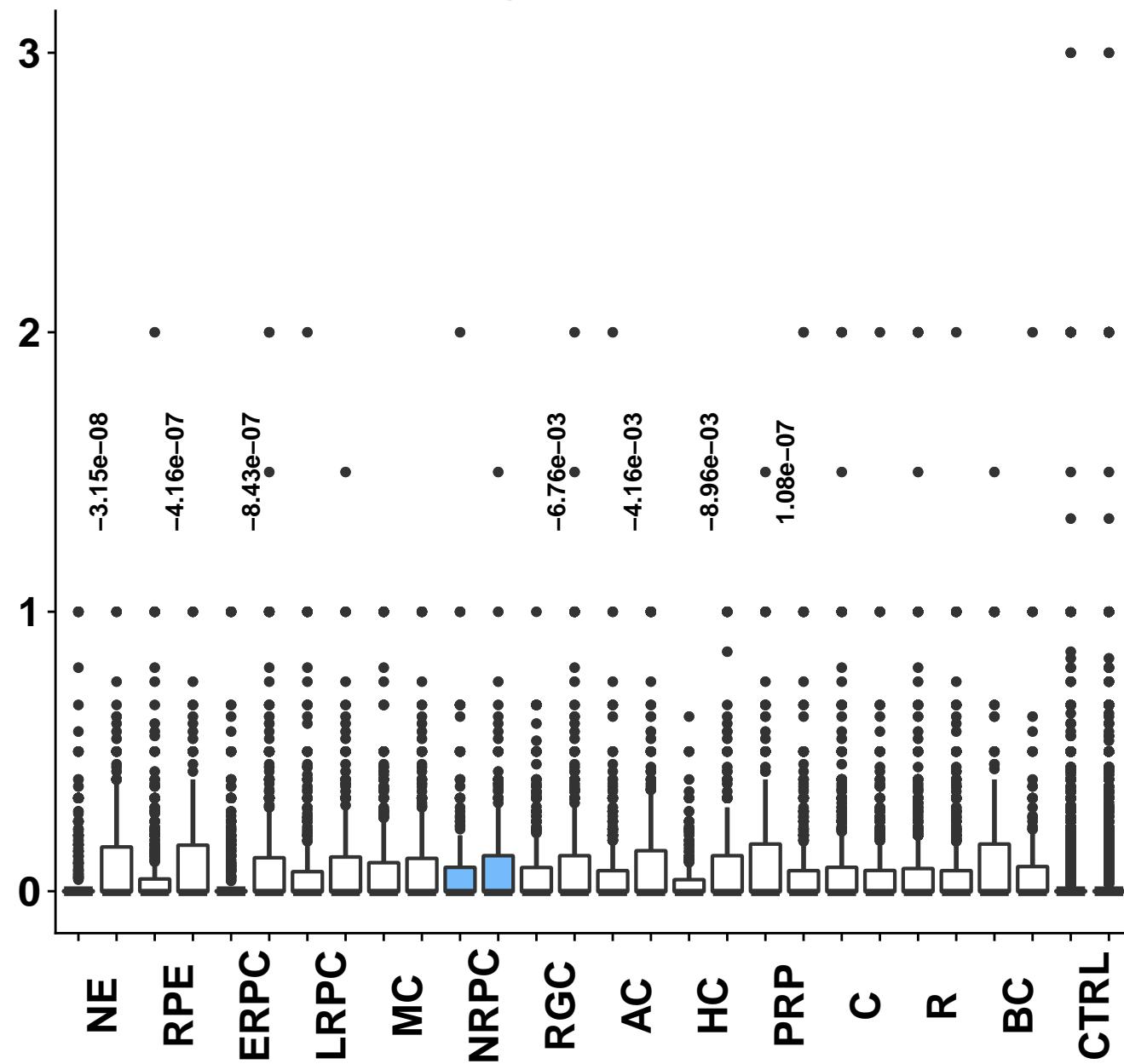
## Neurog2\_2\_mean



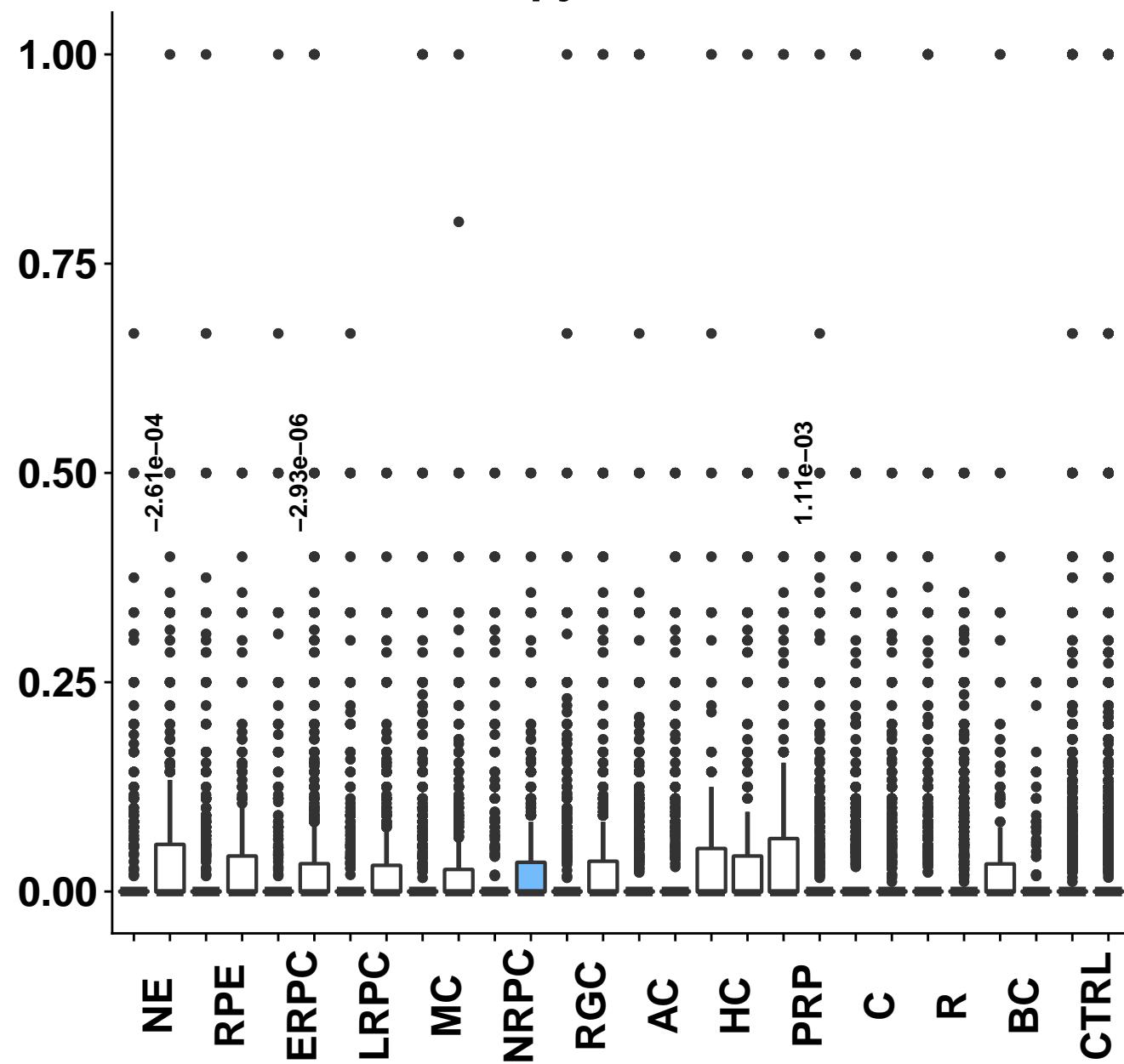
## Olig2\_1\_mean



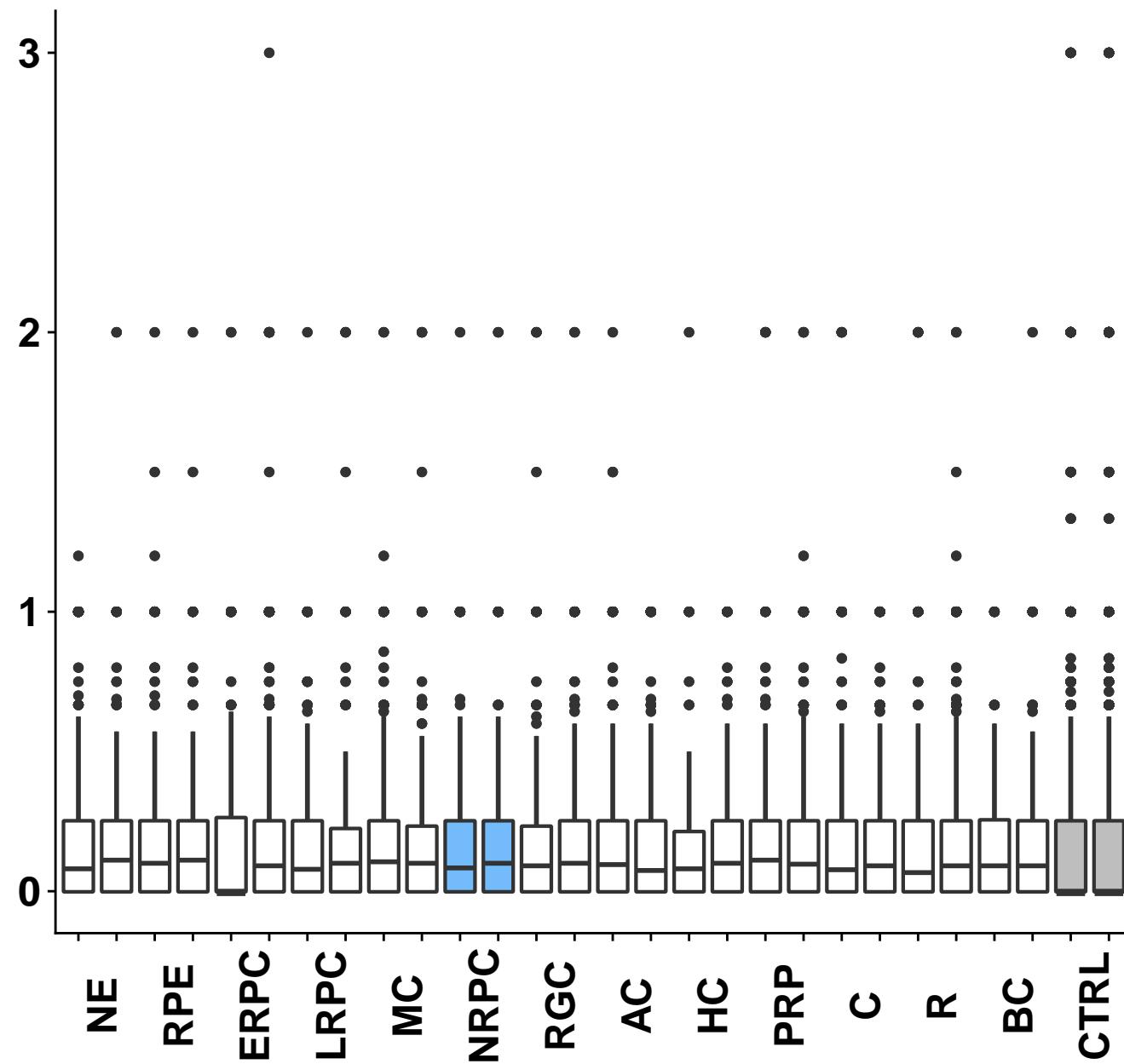
## Olig2\_2\_mean



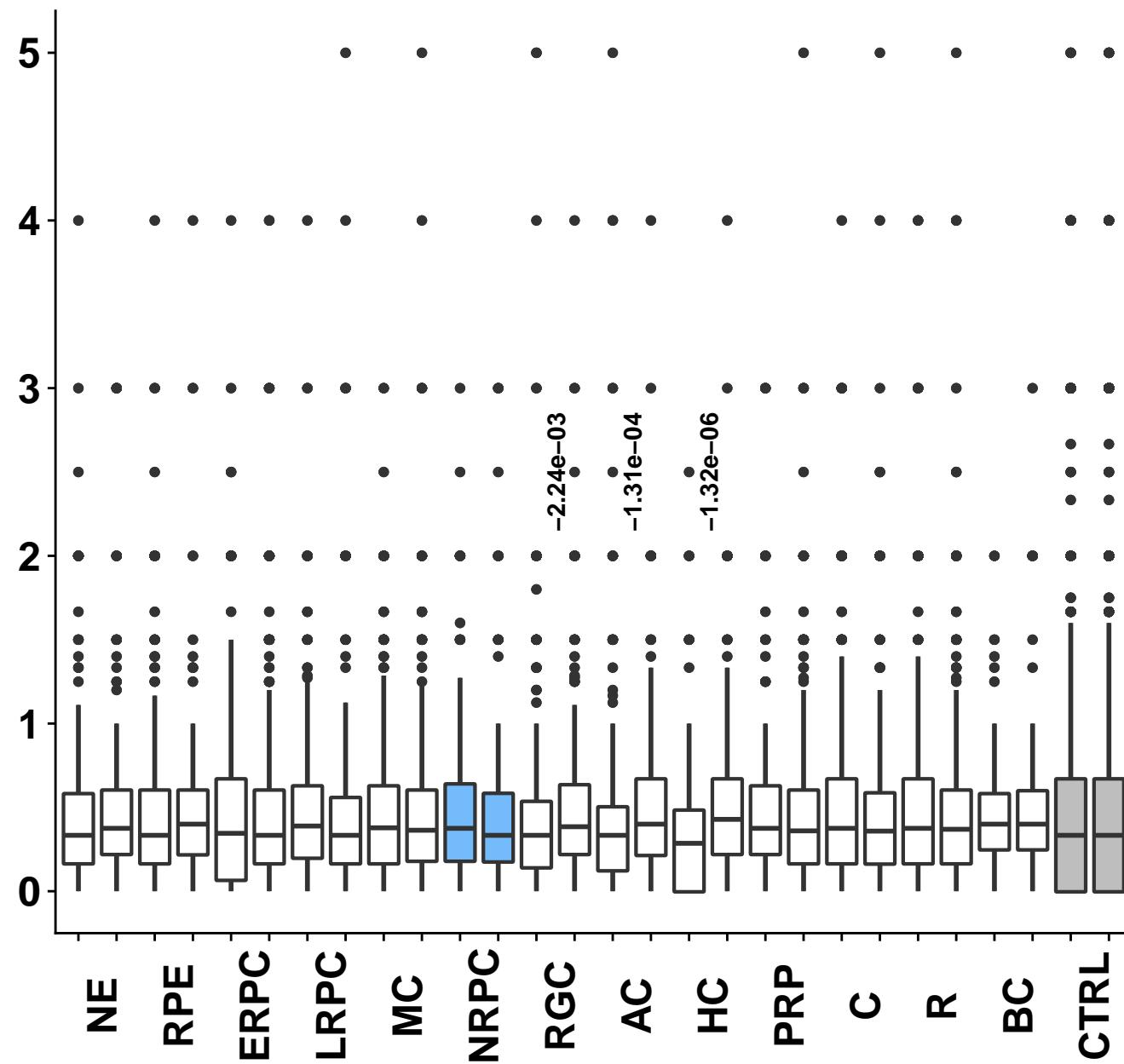
## Rbpj\_1\_mean



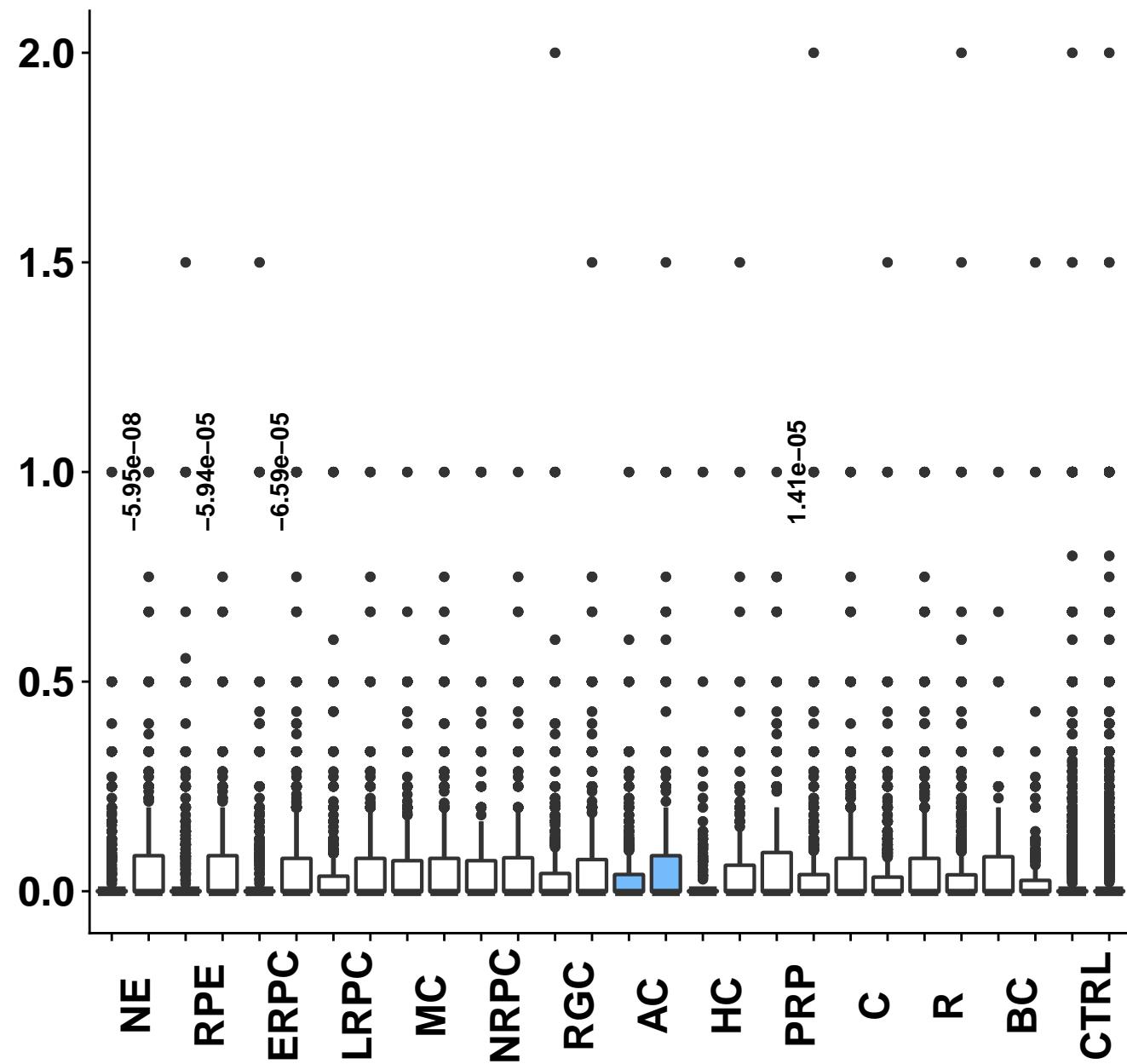
## Rbpj\_2\_mean



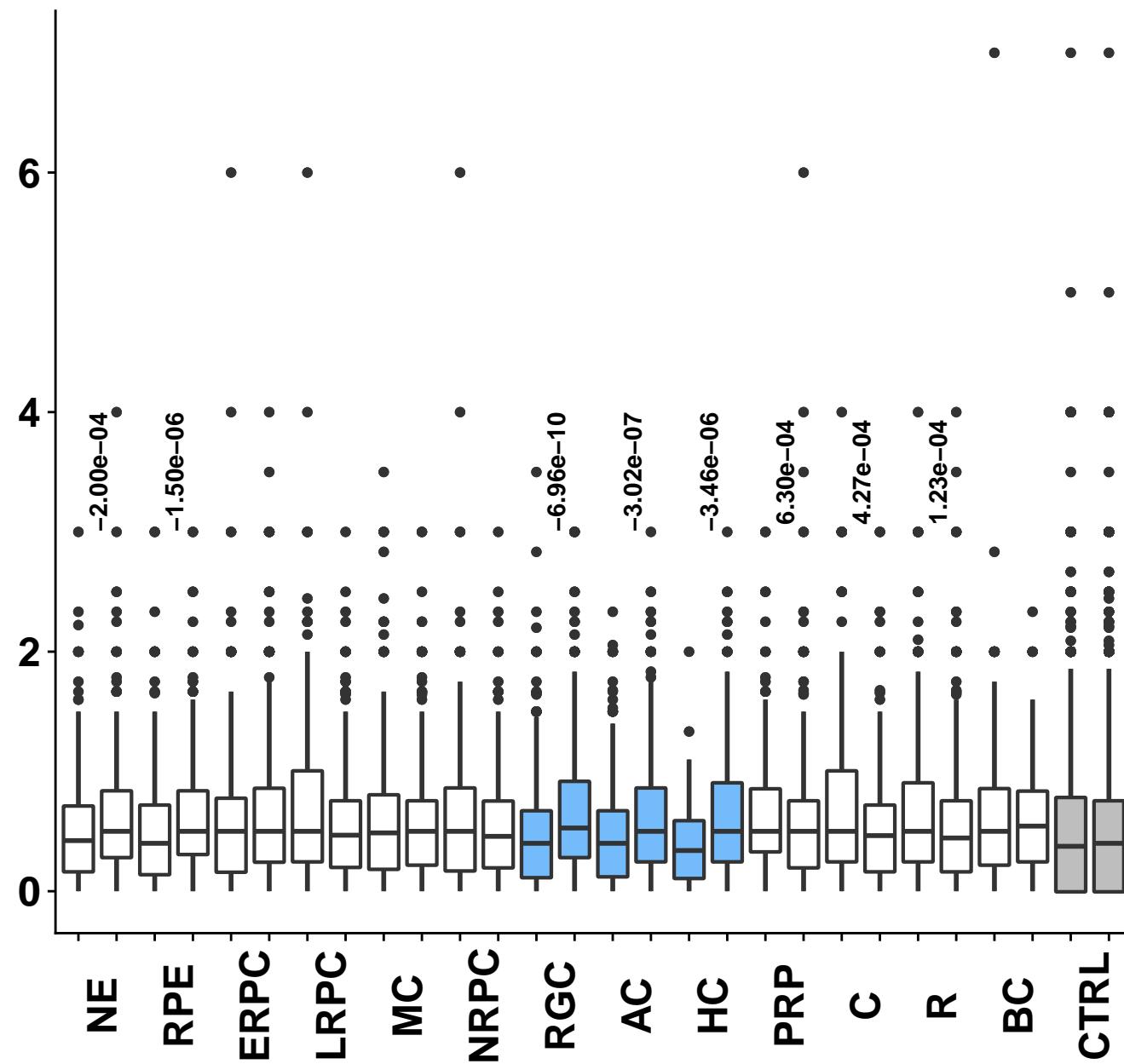
## Rbpj\_3\_mean



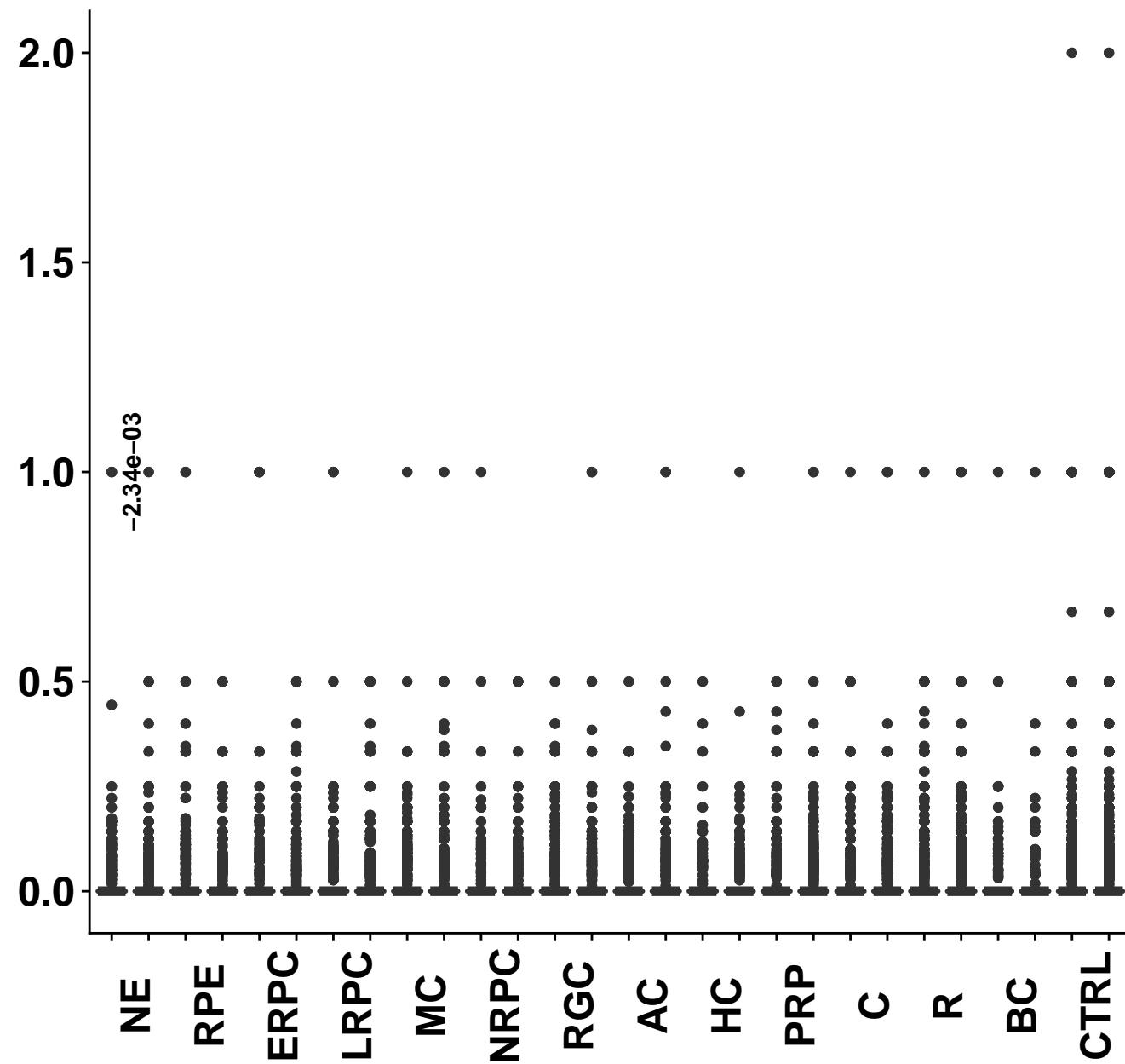
## Thra\_1\_mean



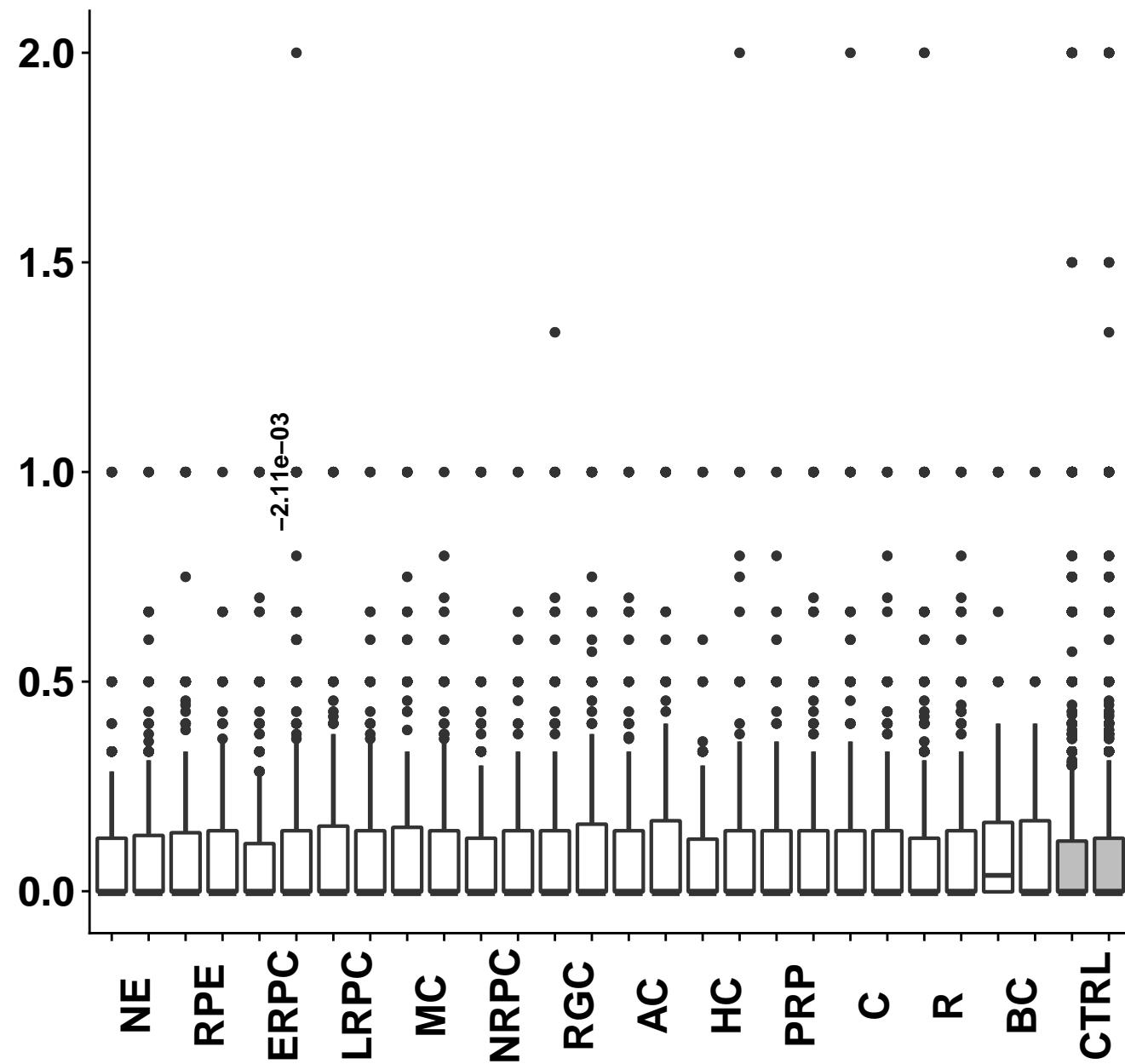
## Barhl2\_1\_mean



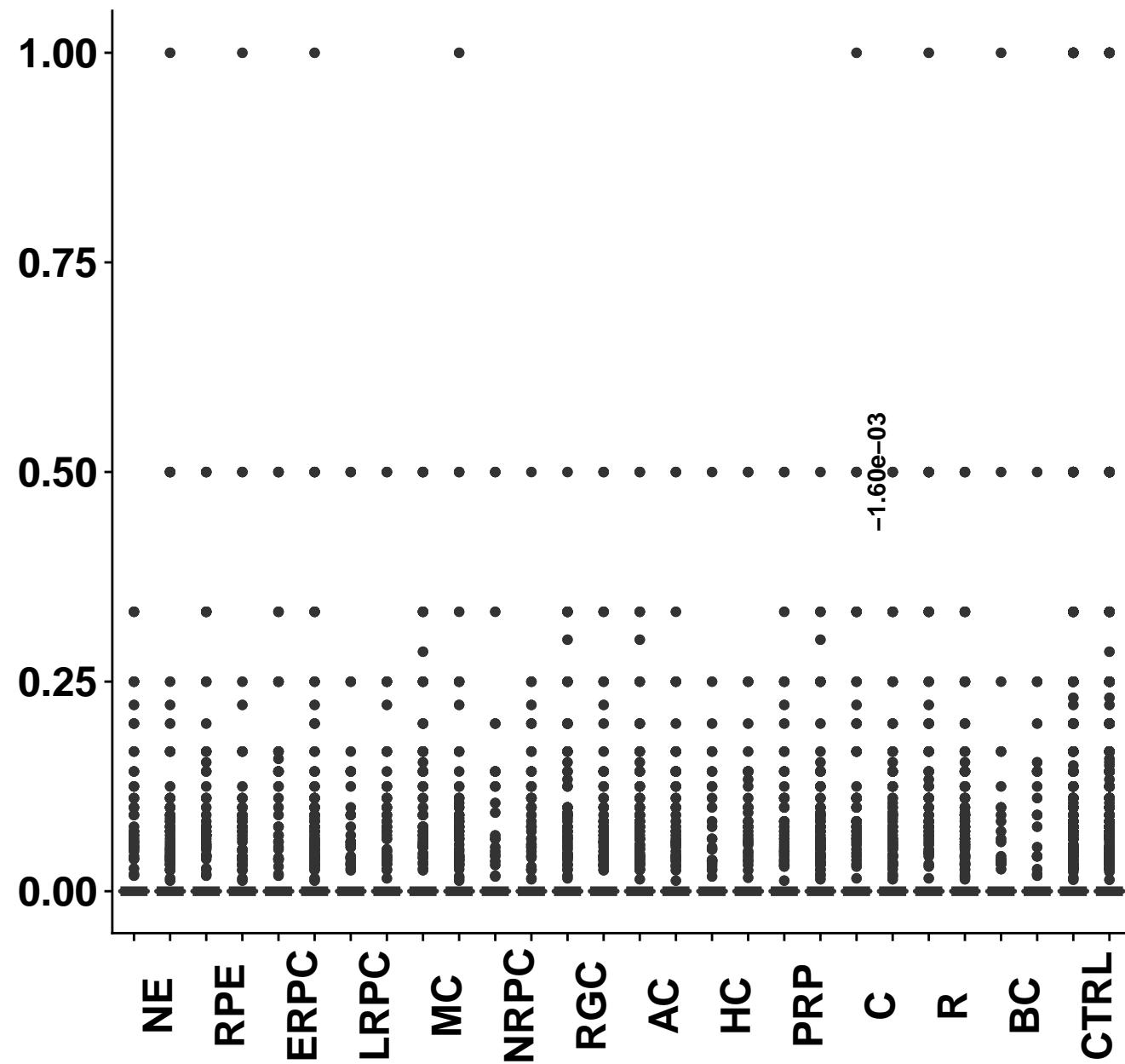
## Barhl2\_2\_mean



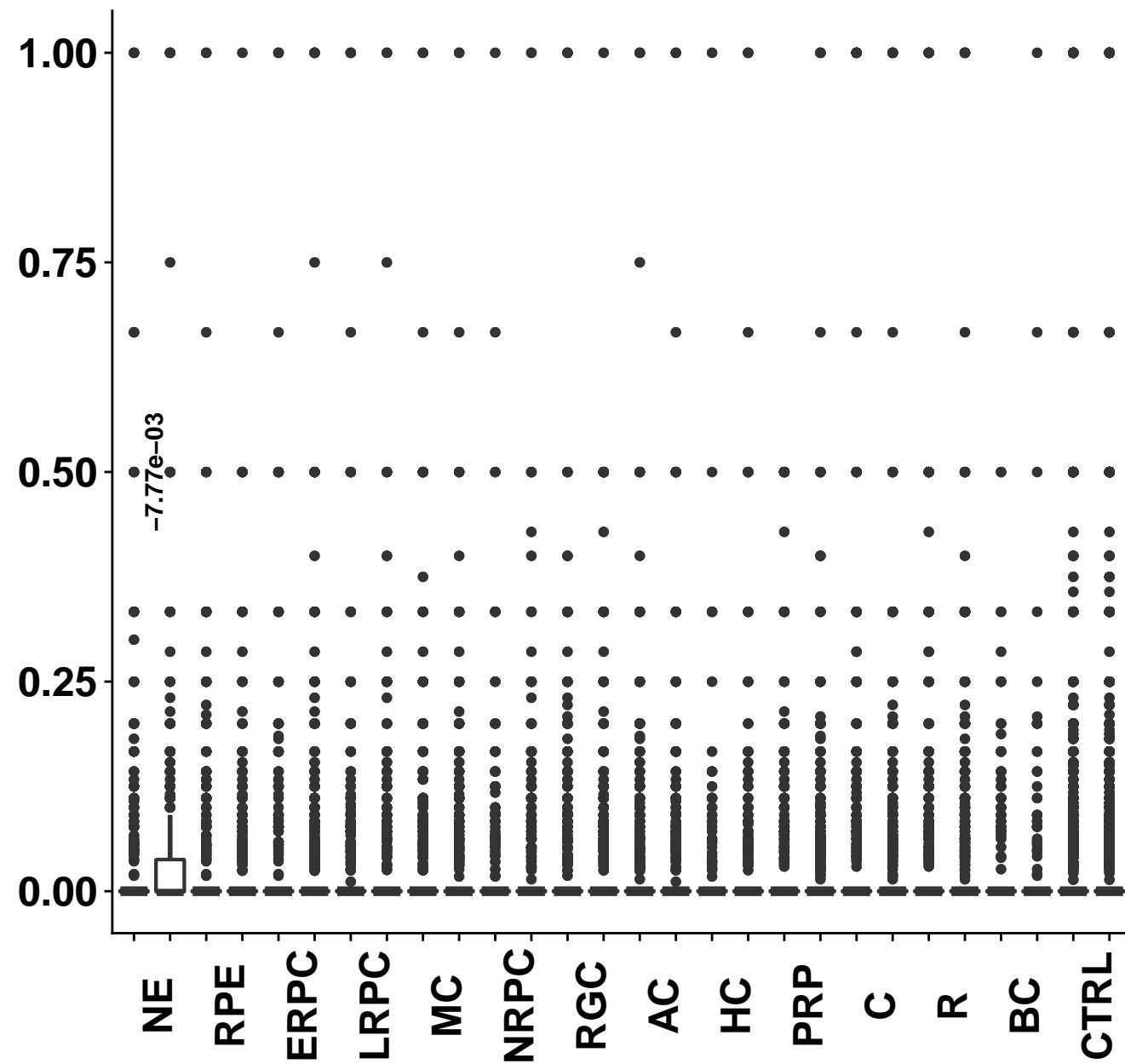
## Bcl11a\_1\_mean



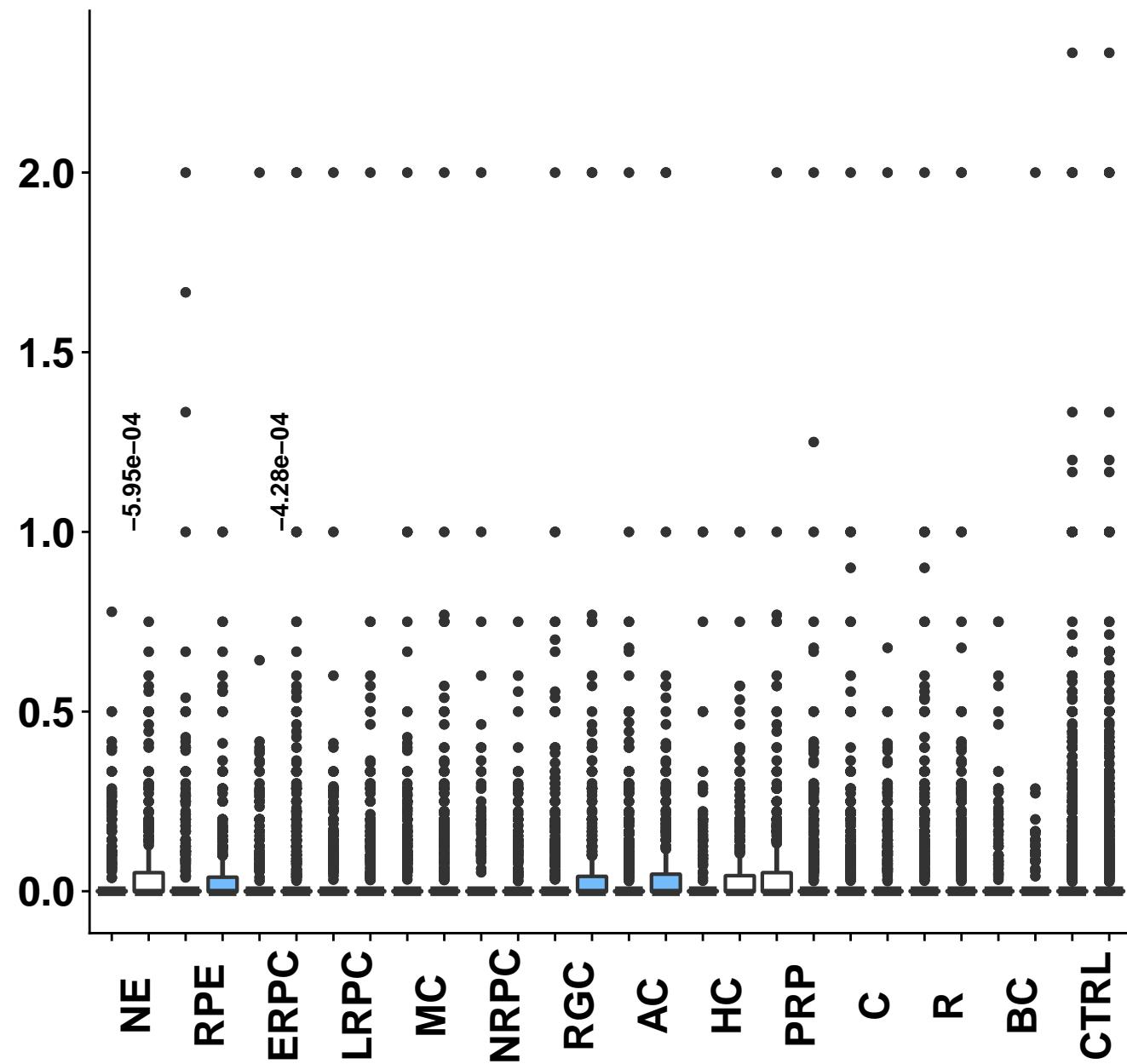
# Pax6\_1\_mean



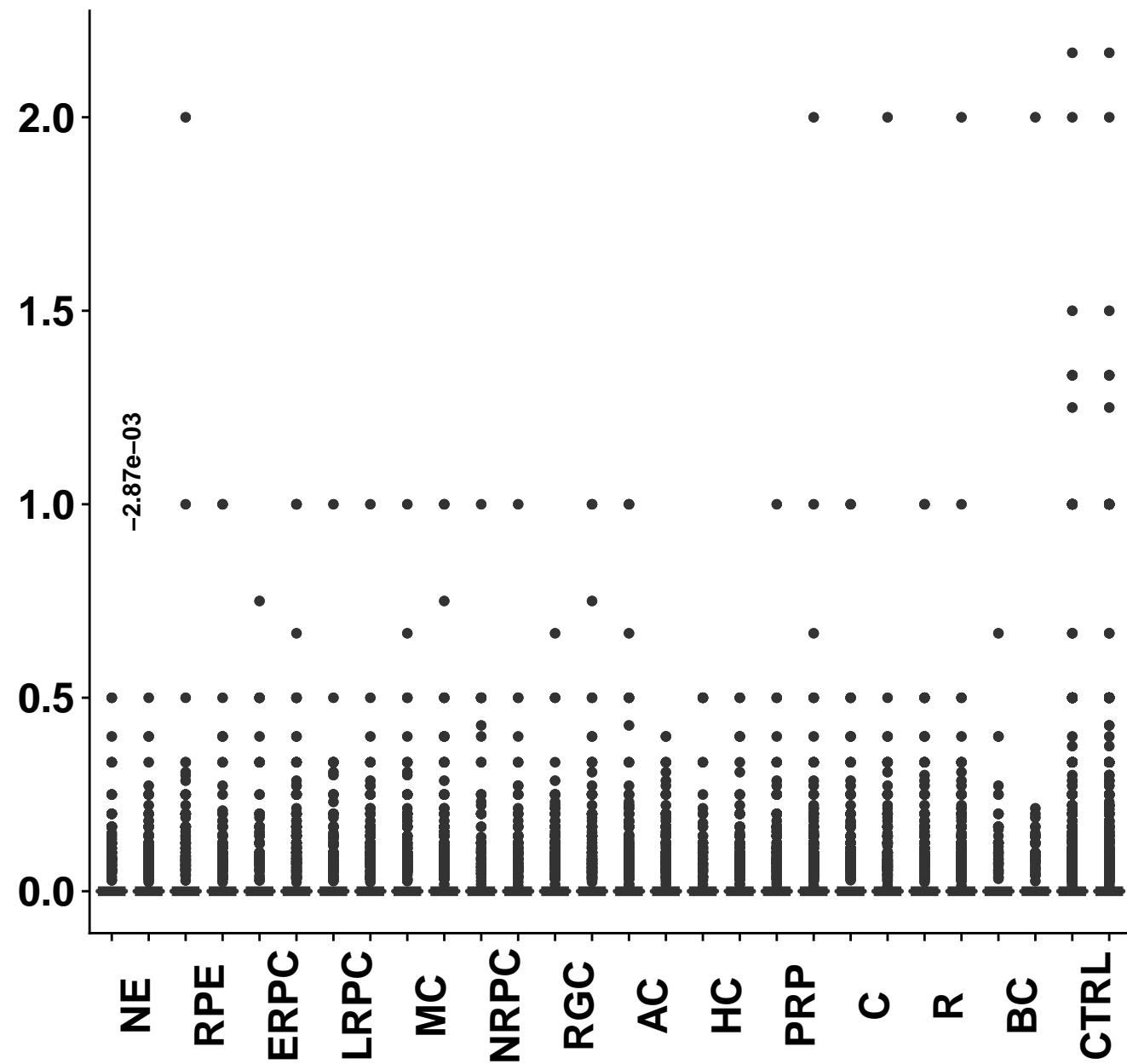
## Pax6\_2\_mean



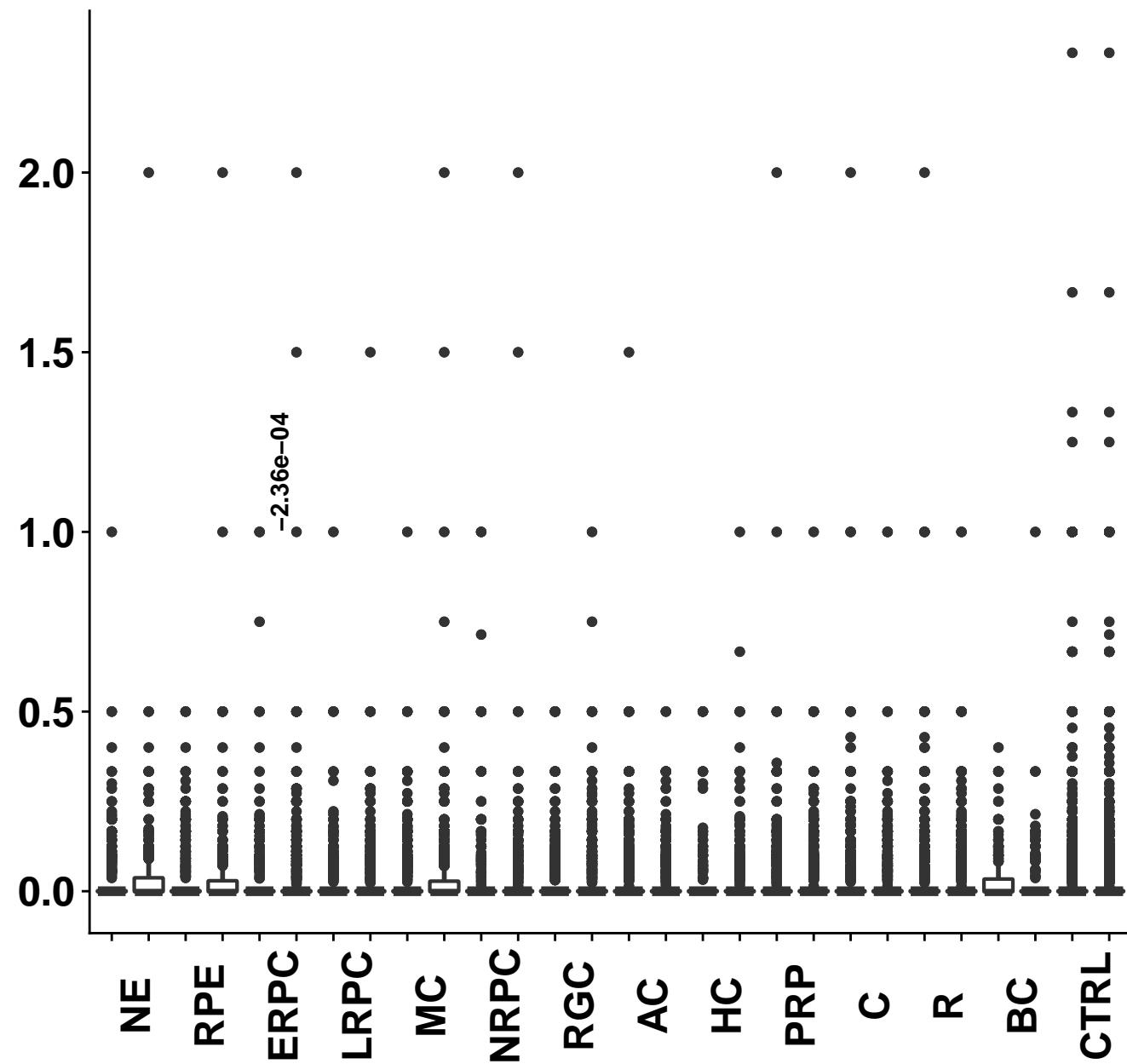
## Pax6\_3\_mean



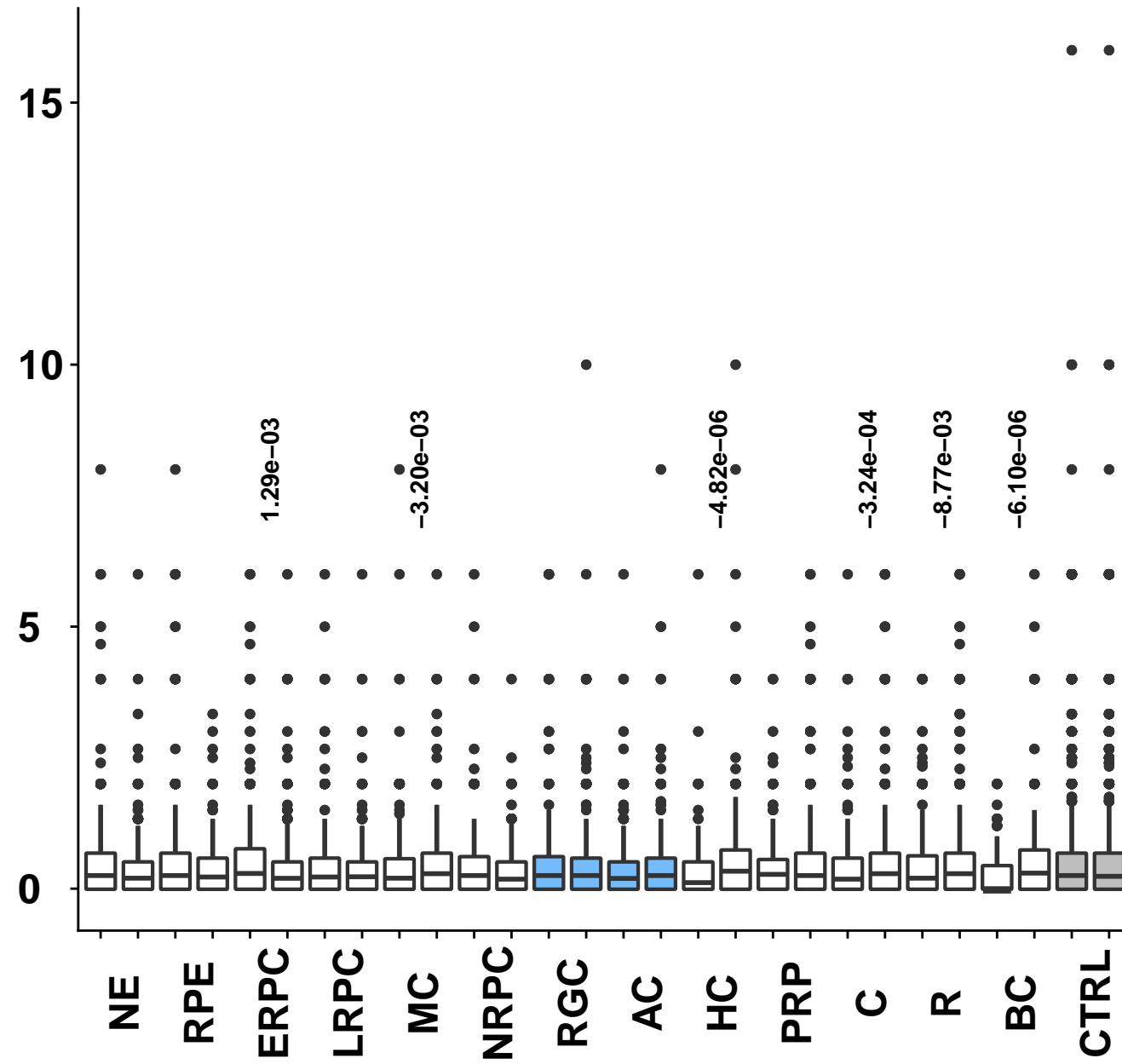
## Pou2f2\_1\_mean



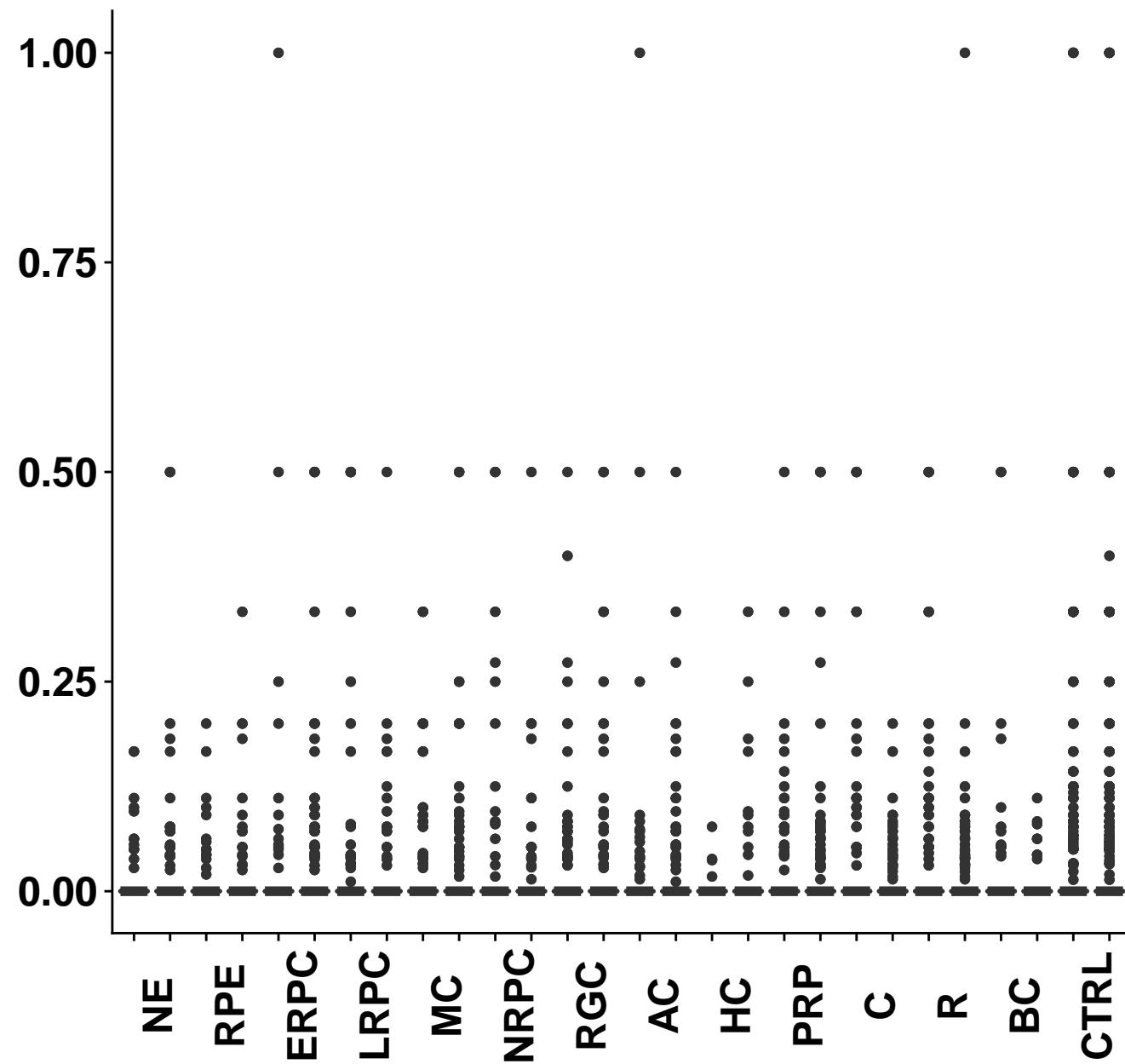
## Pou2f2\_2\_mean



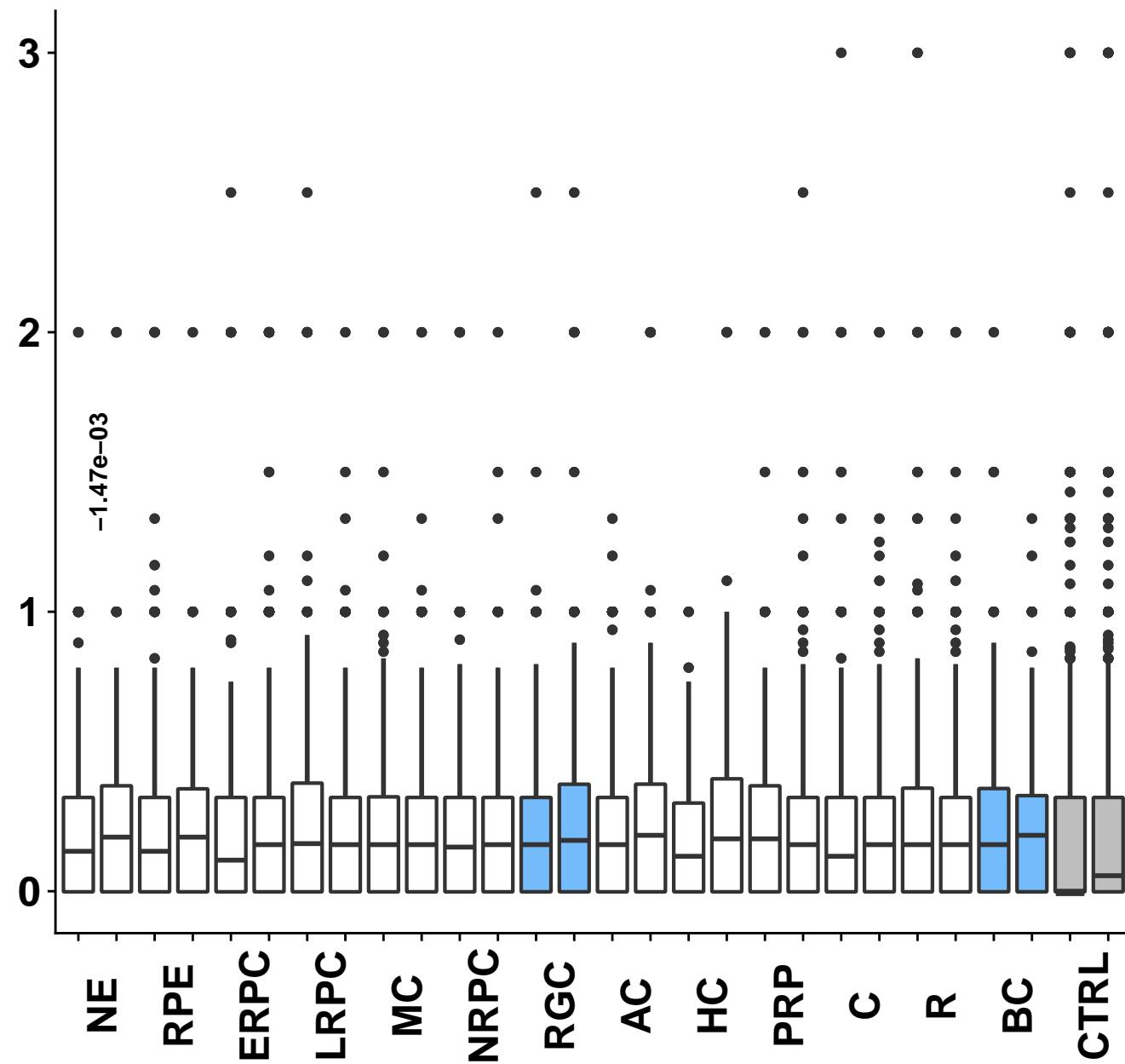
## Mycn\_1\_mean



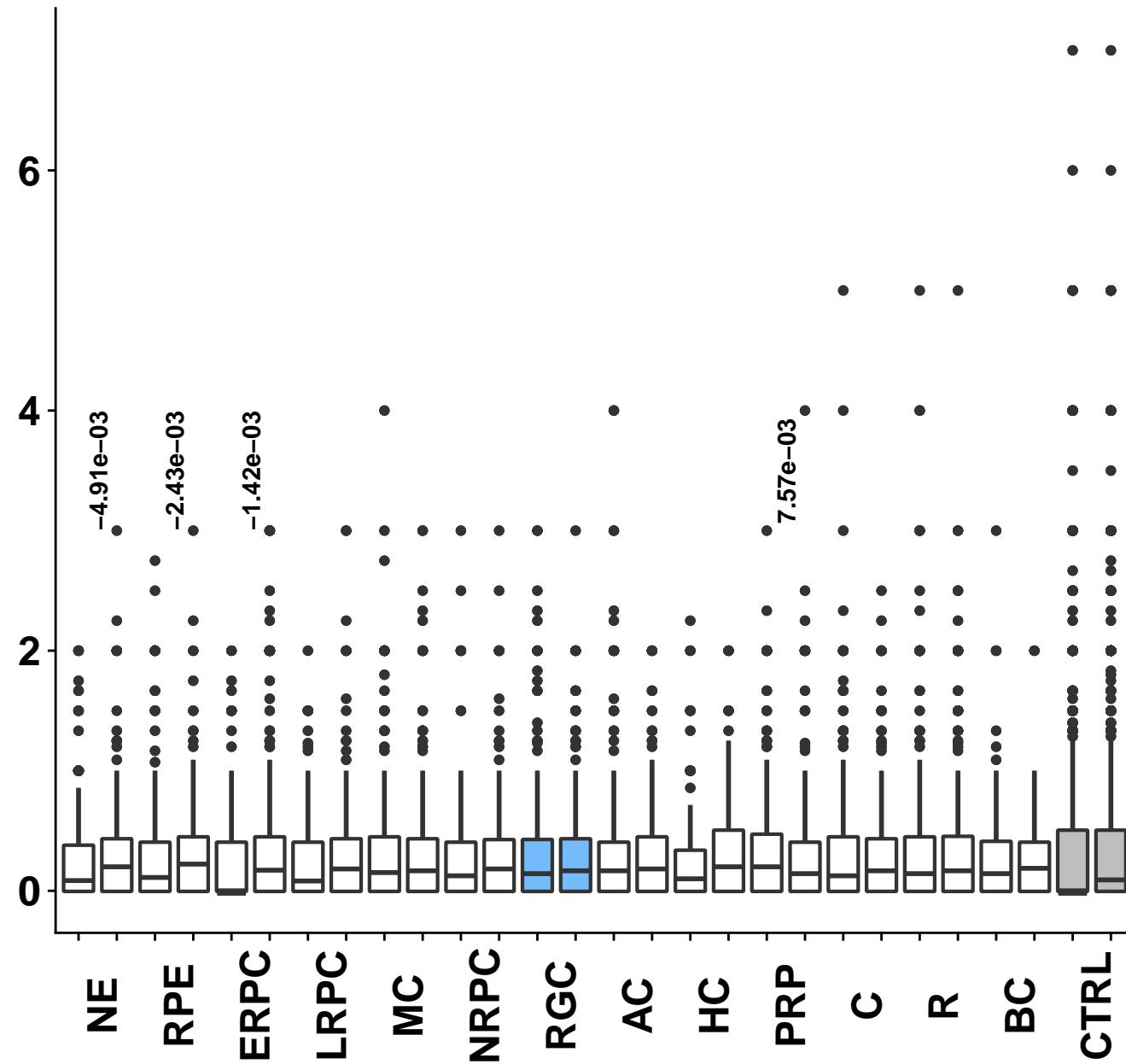
## Onecut2\_1\_mean



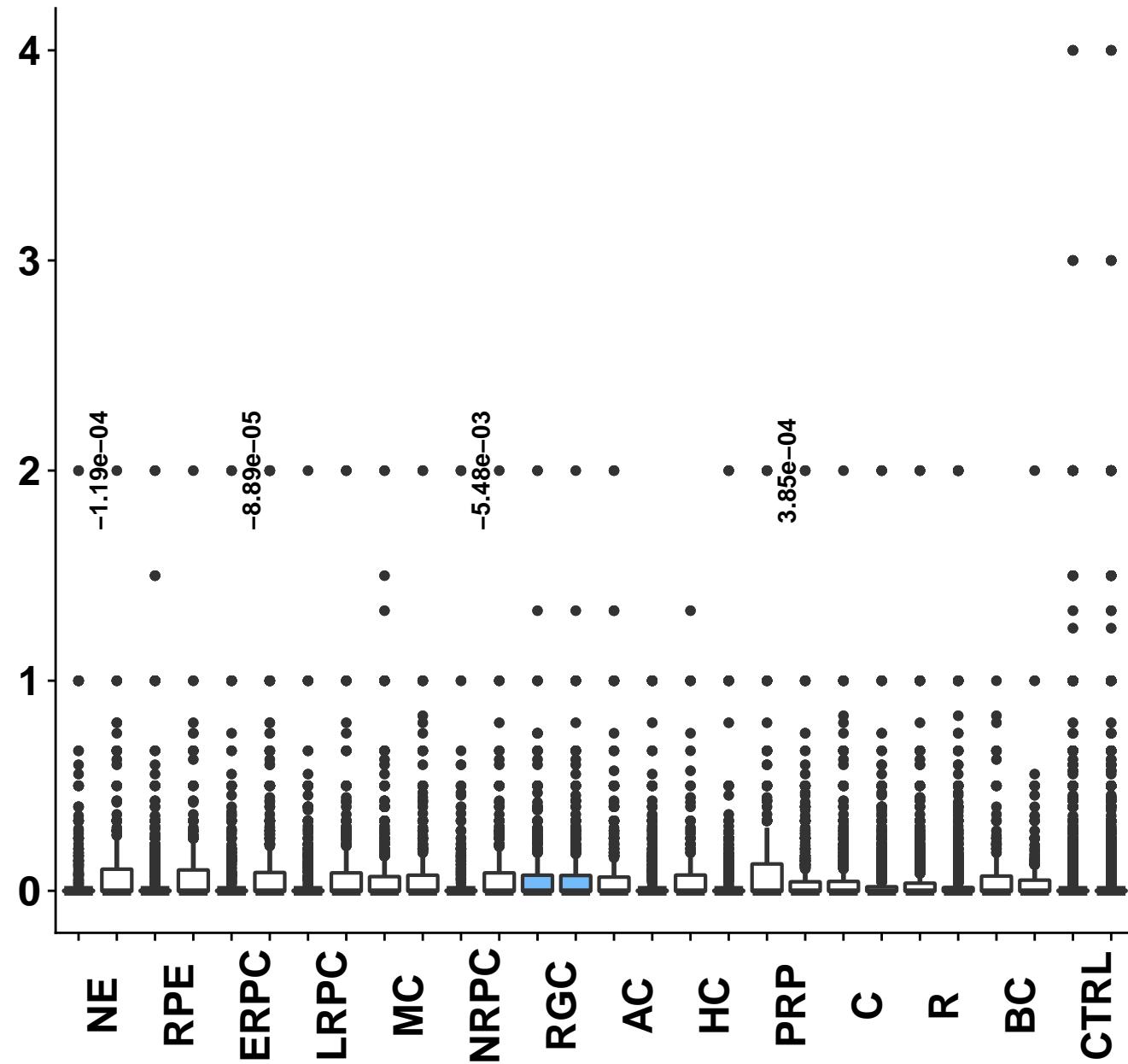
## **Isl1\_1\_mean**



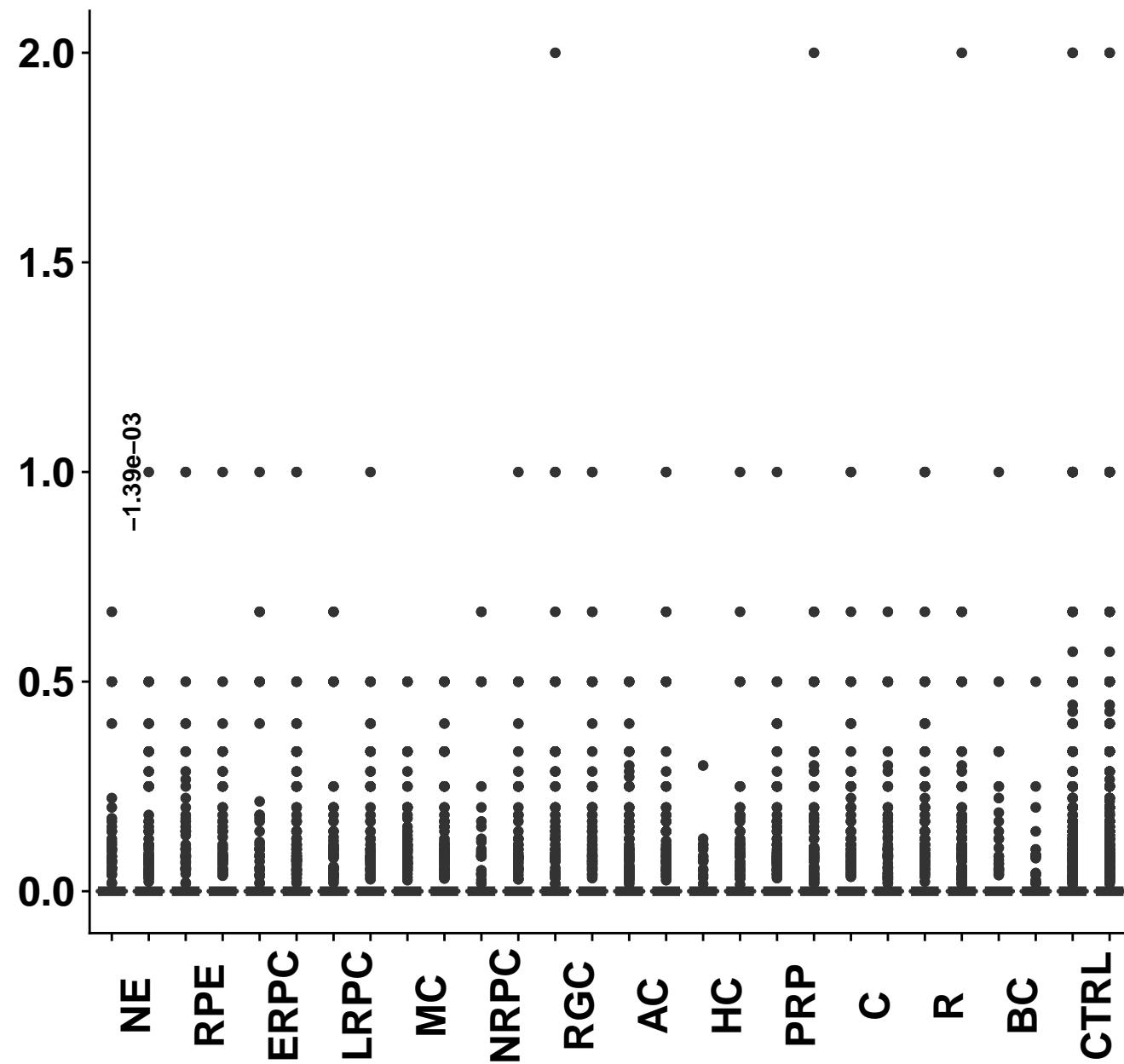
## Ebf1\_1\_mean



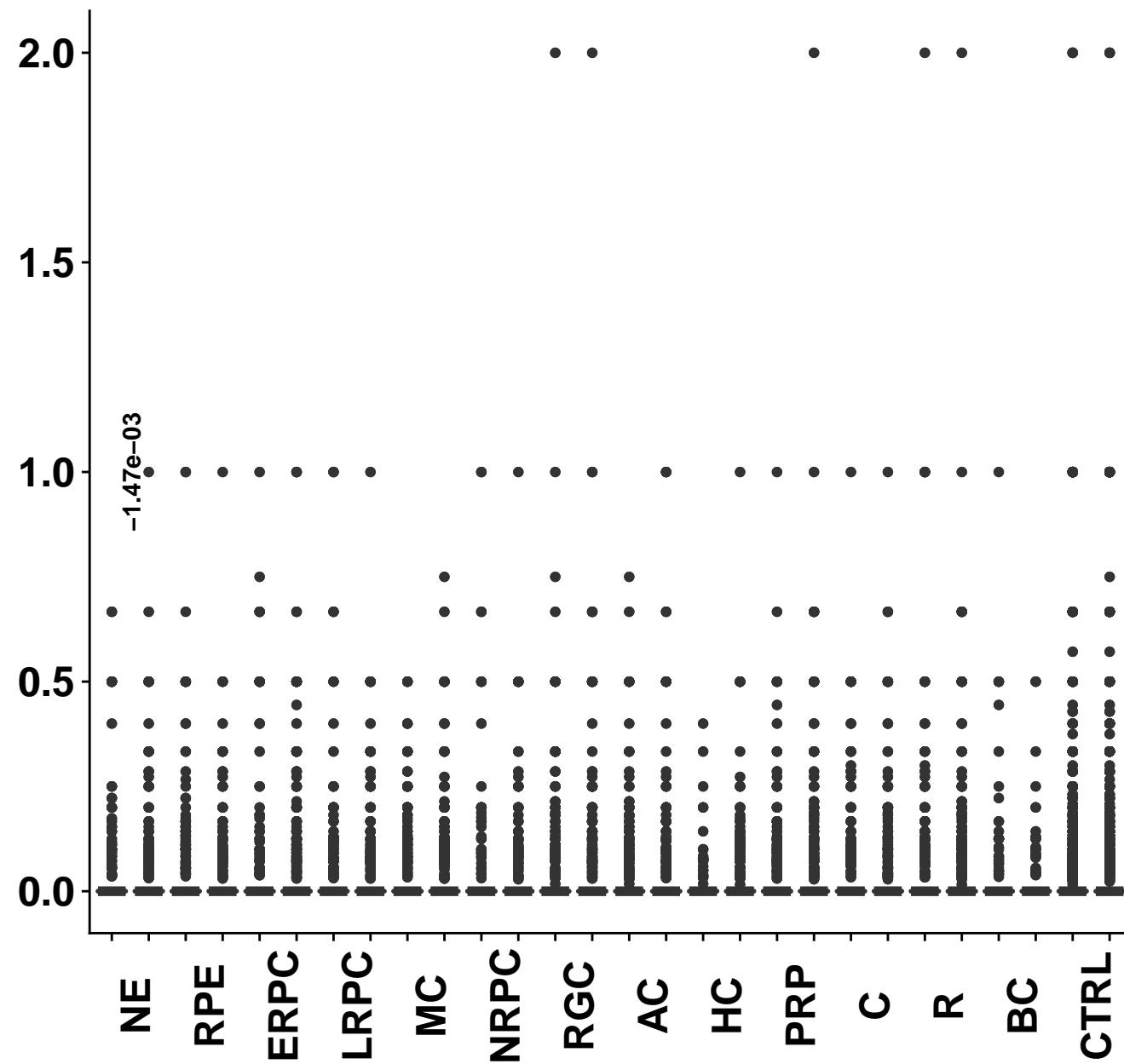
## Ebf1\_3\_mean



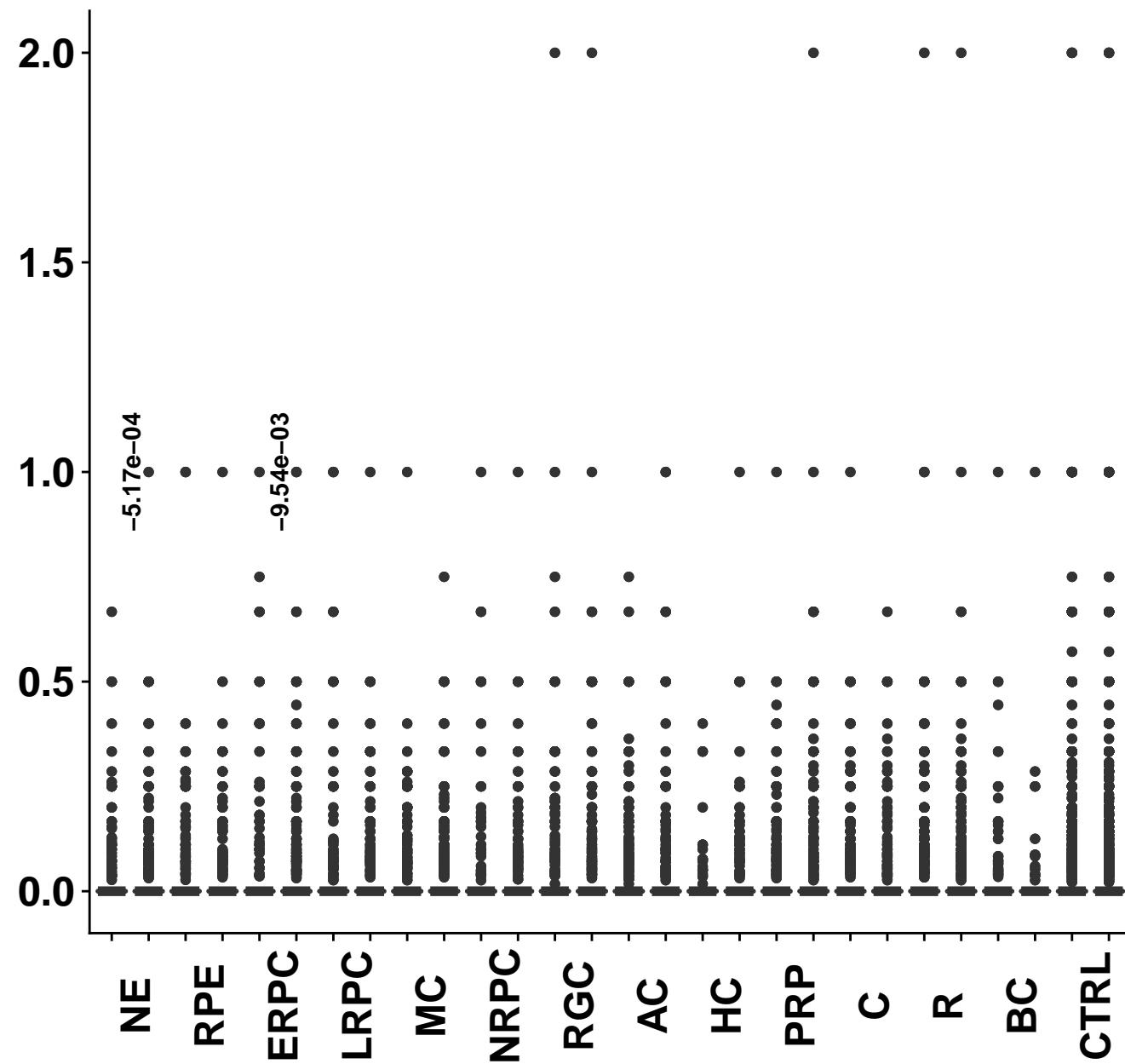
## Irx2\_1\_mean



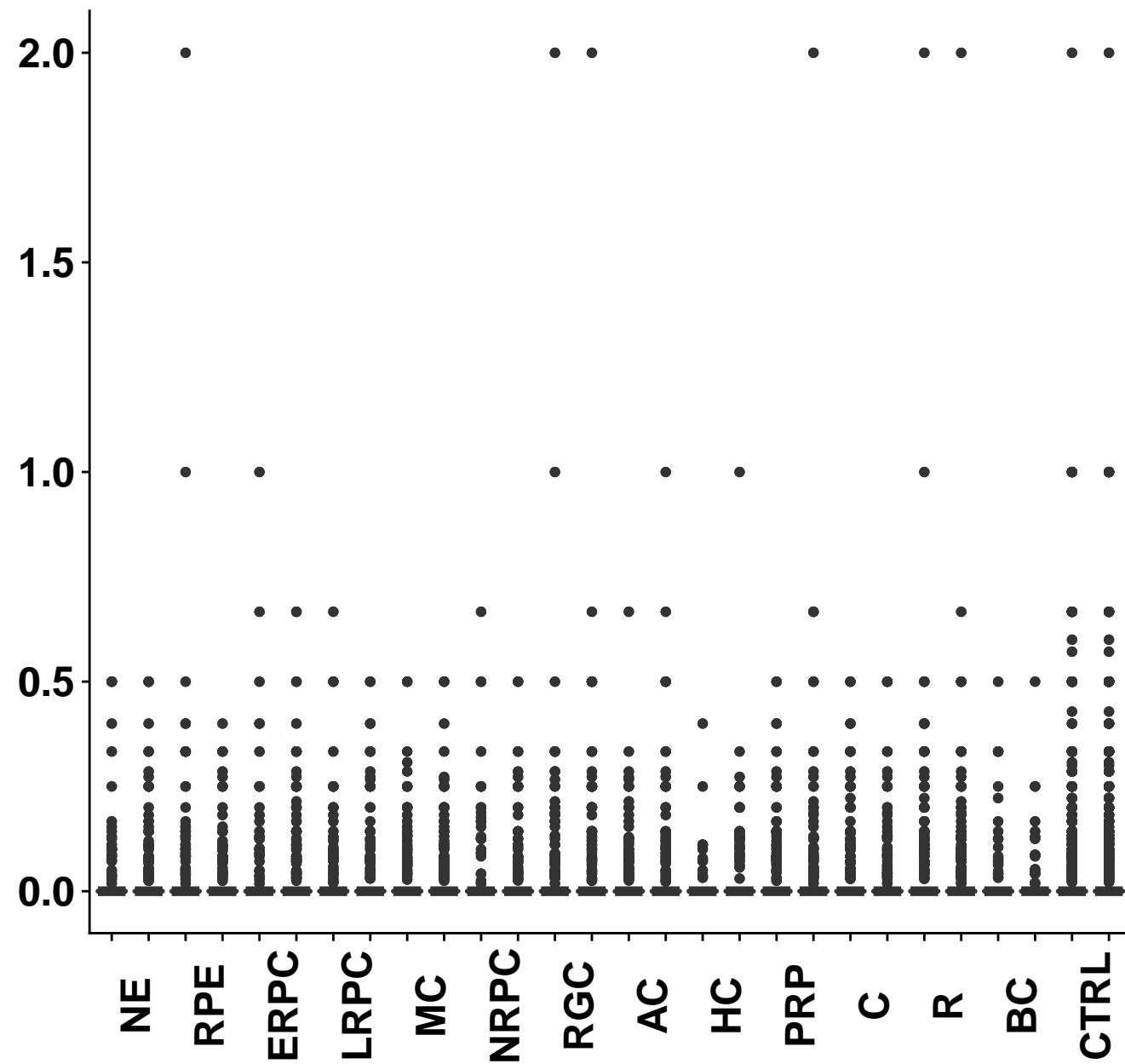
## Irx3\_1\_mean



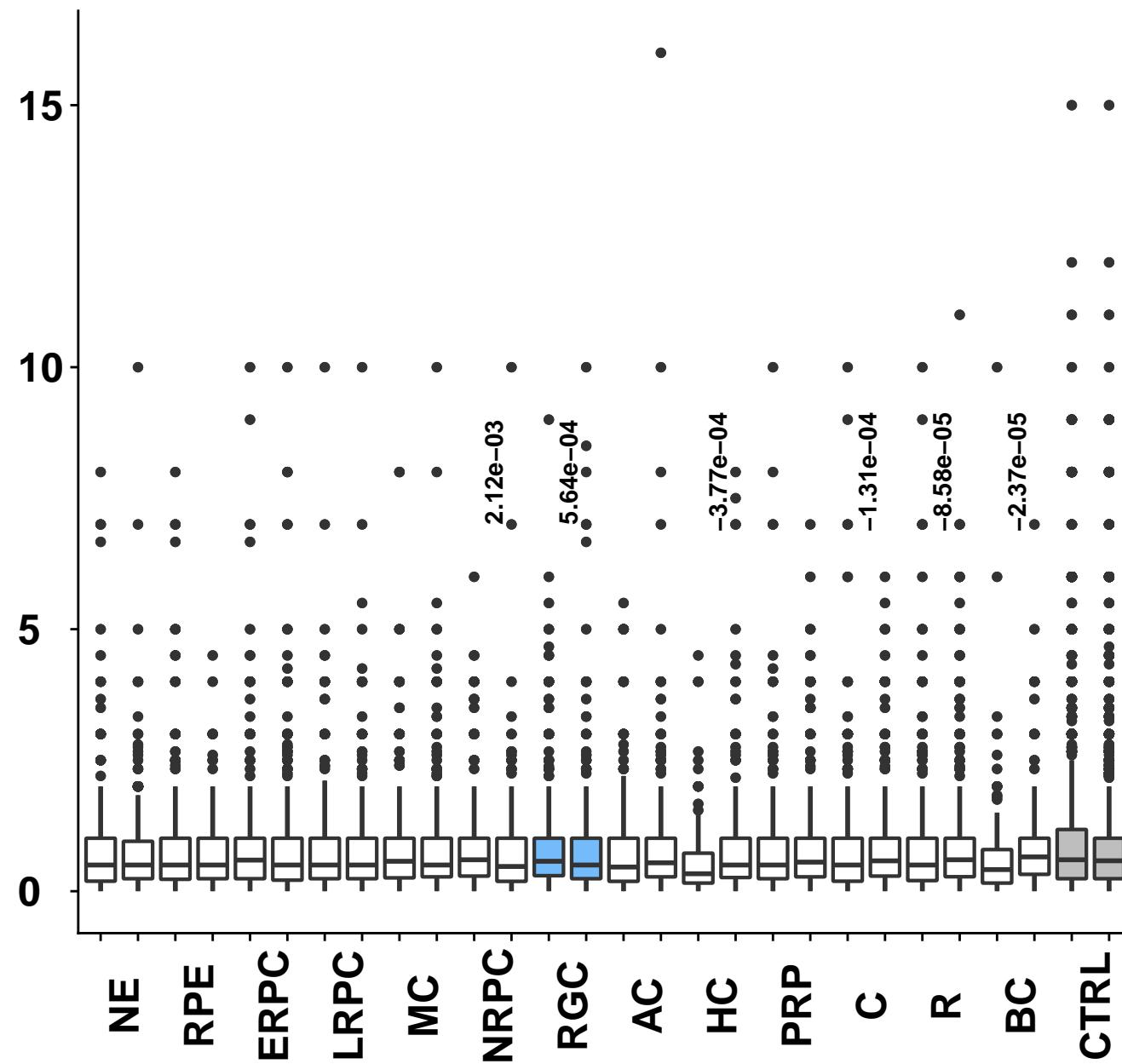
## **Irx3\_2\_mean**



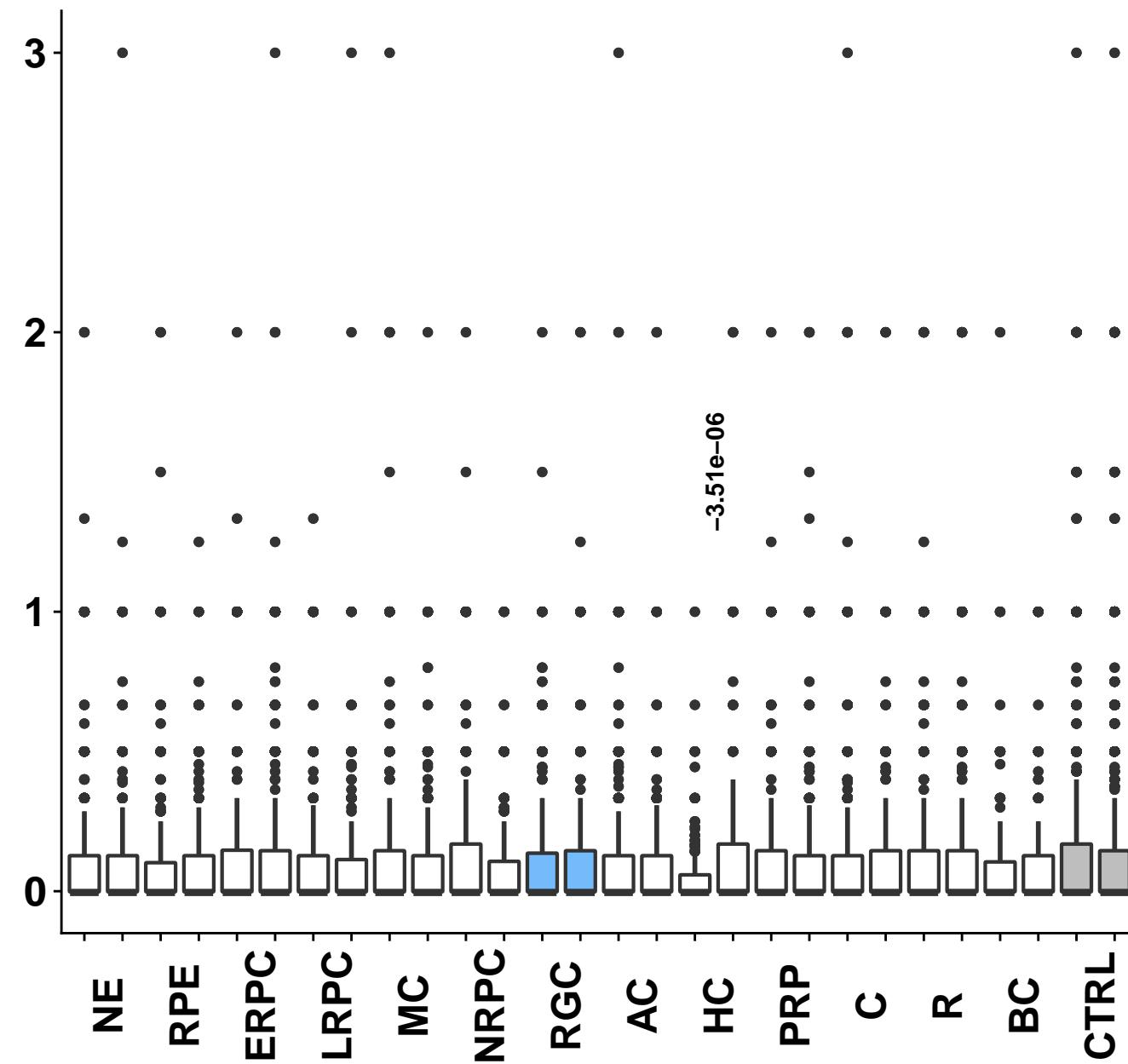
## **Irx6\_1\_mean**



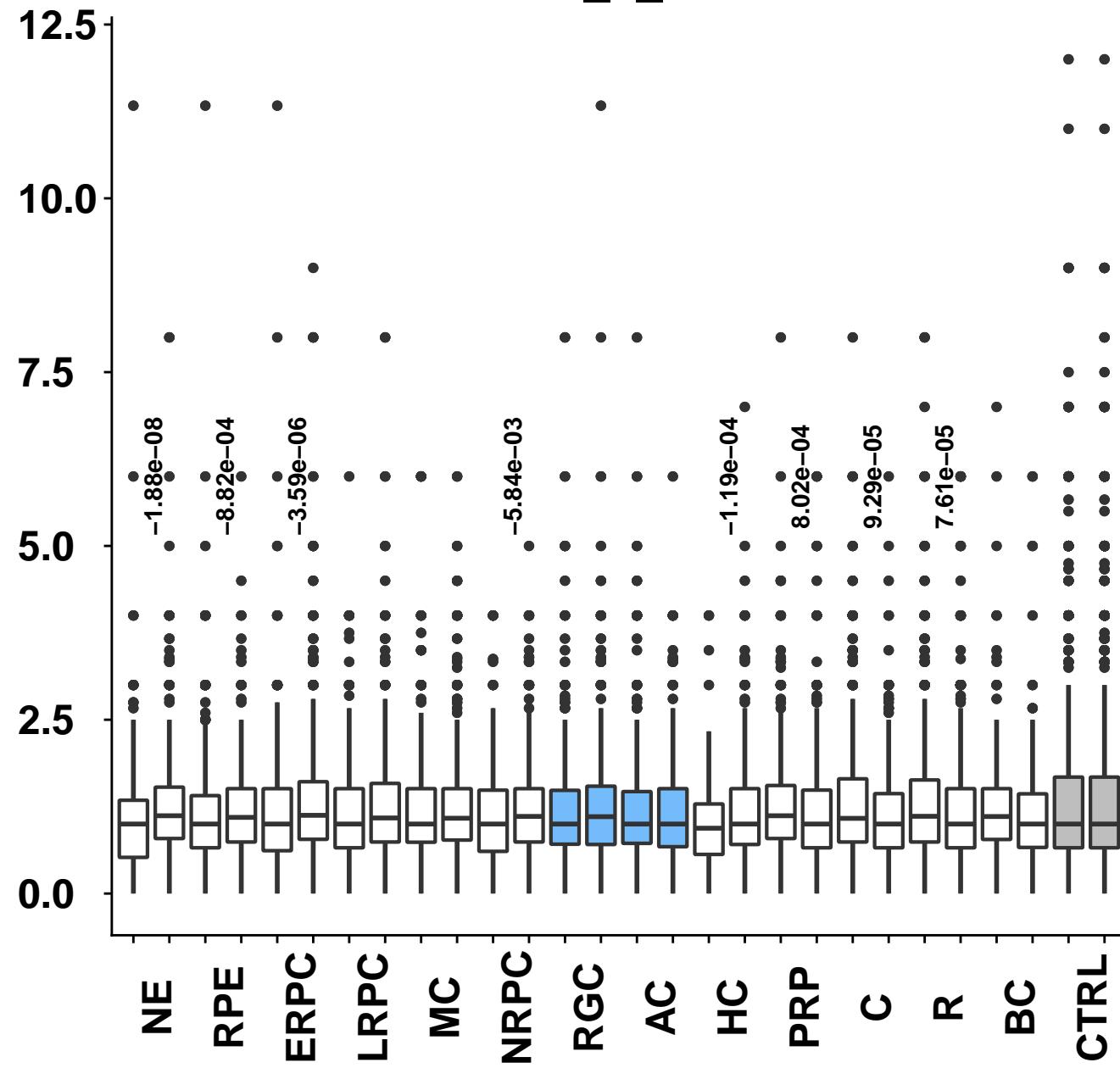
## Klf7\_1\_mean



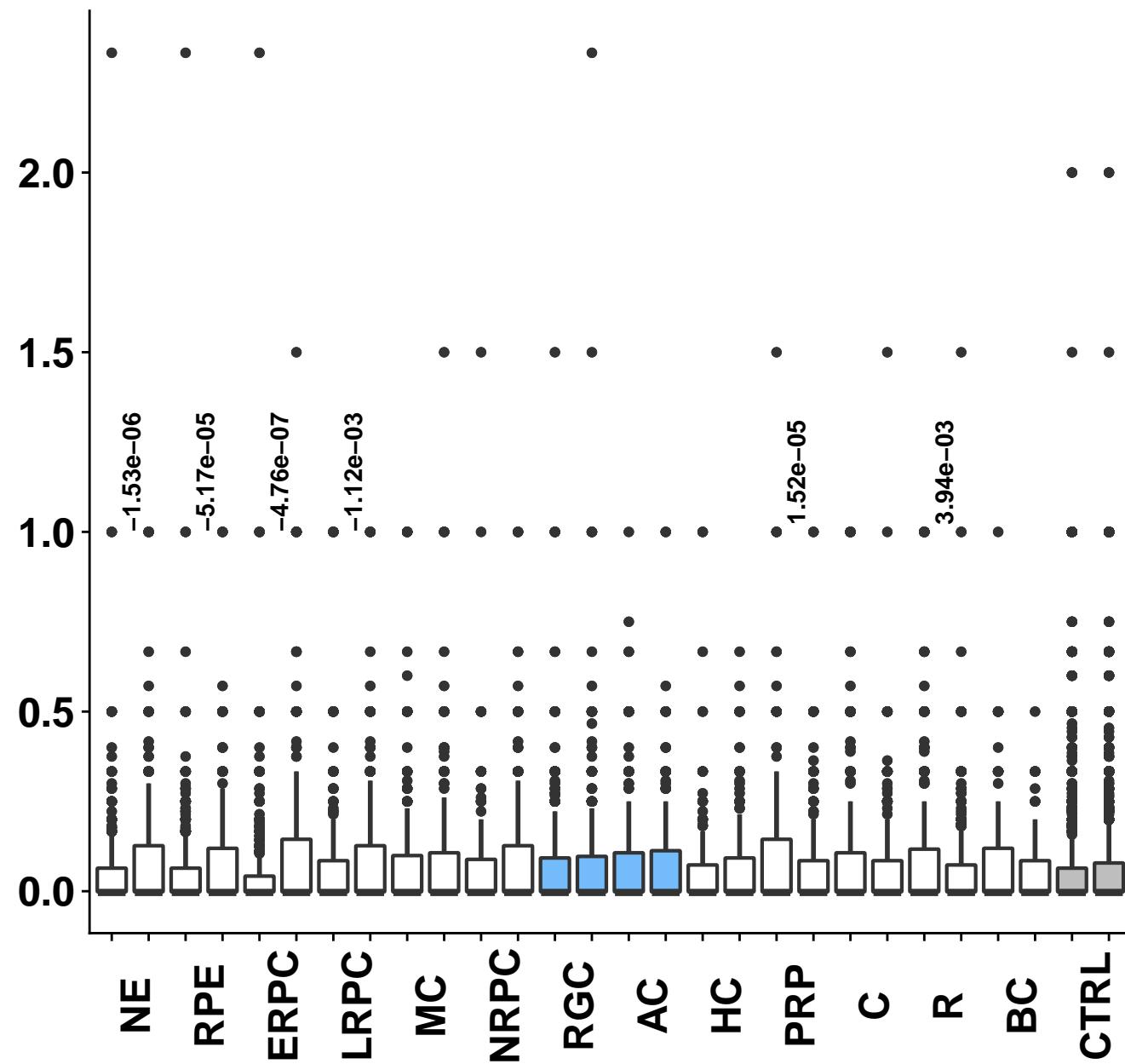
## Klf7\_2\_mean



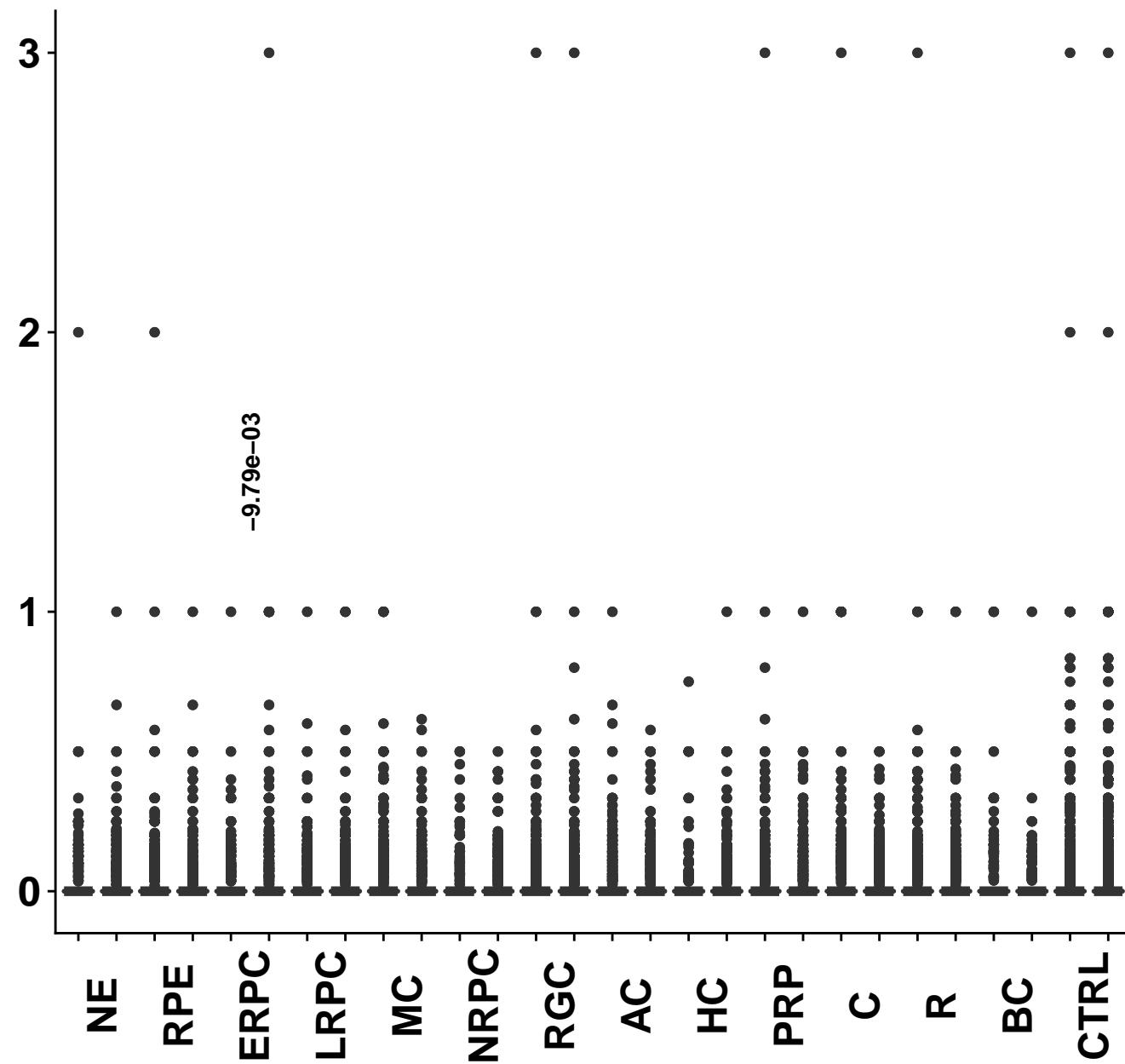
## Meis3\_1\_mean



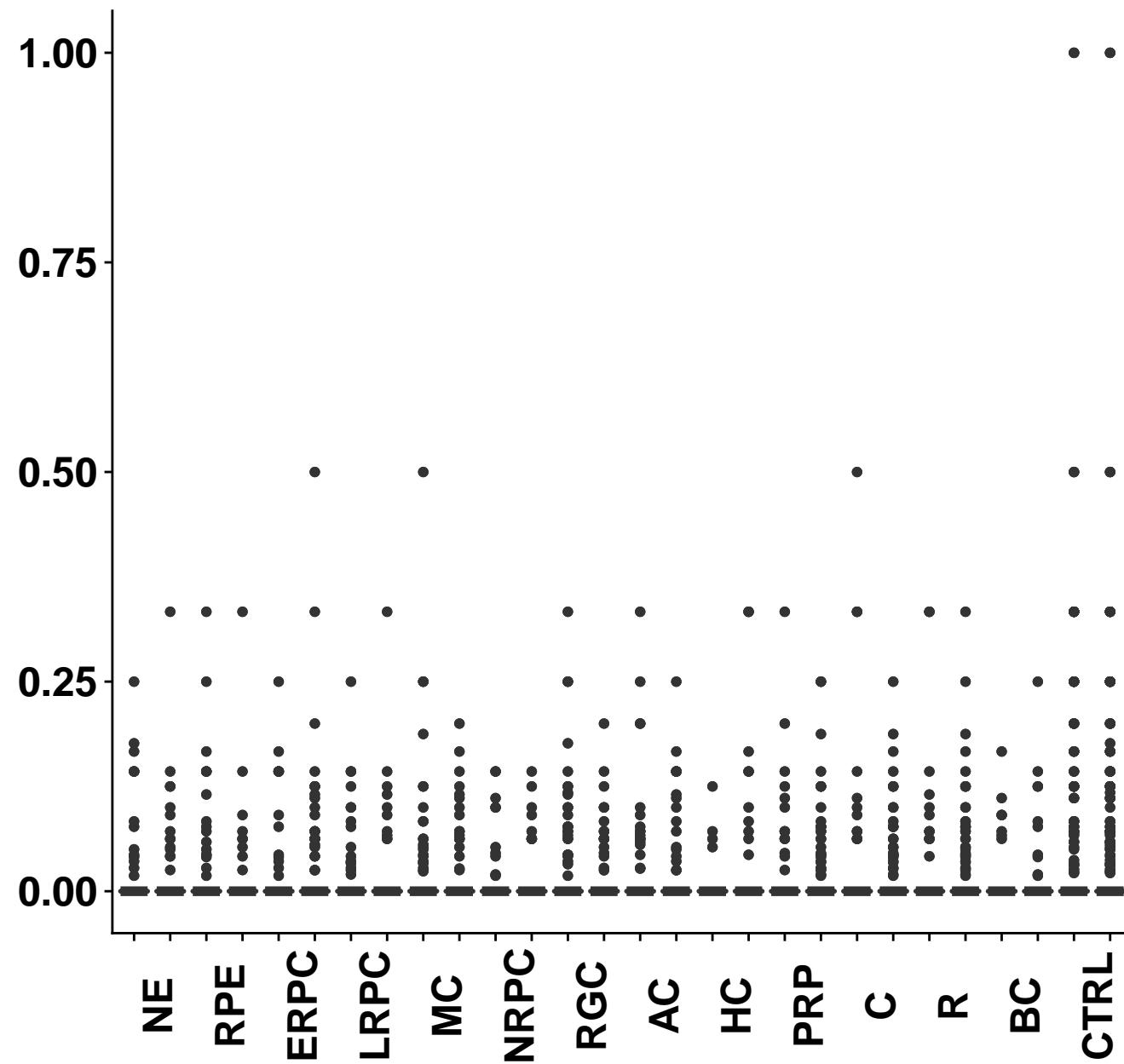
## Meis3\_2\_mean



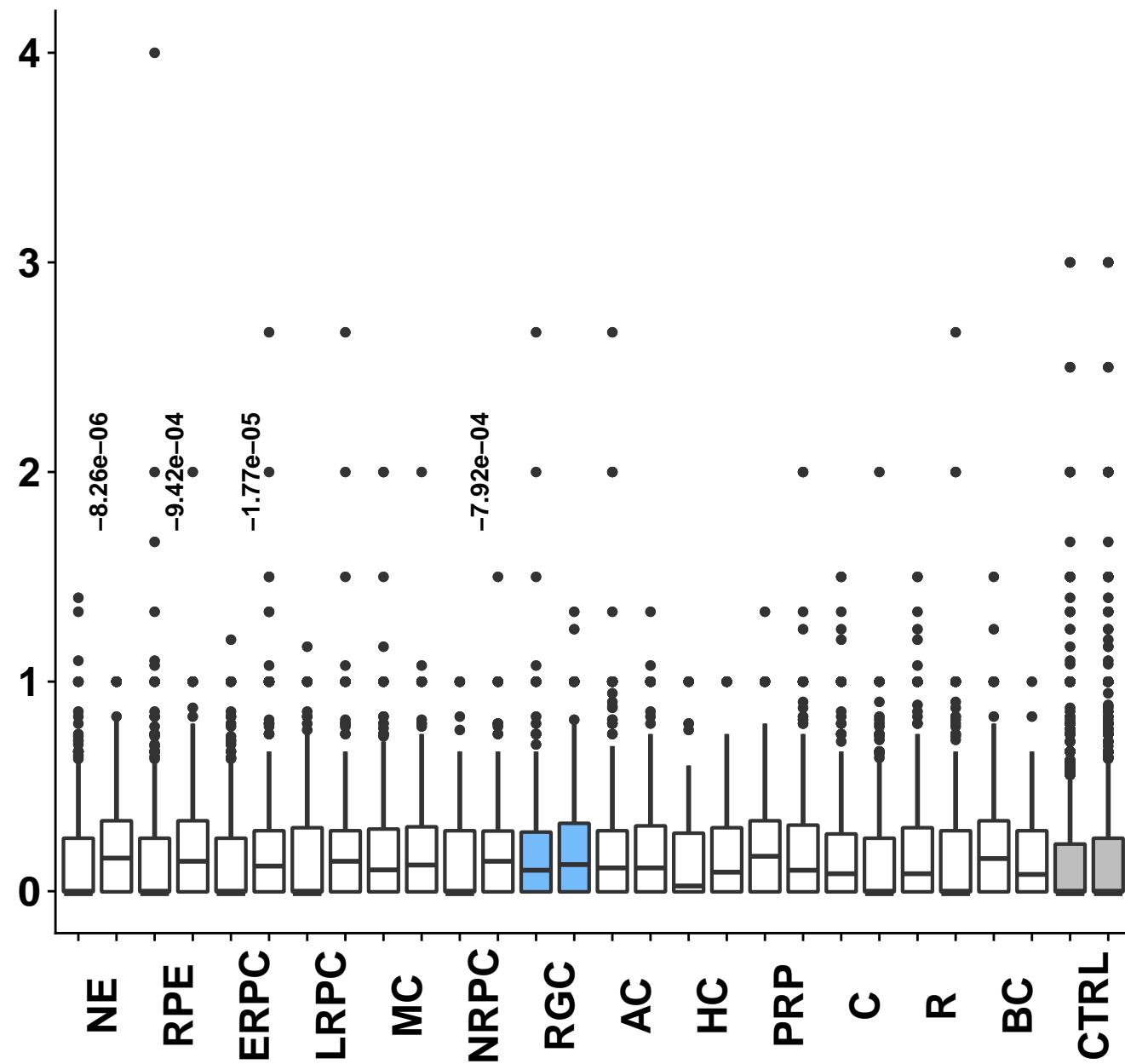
## Pou4f1\_1\_mean



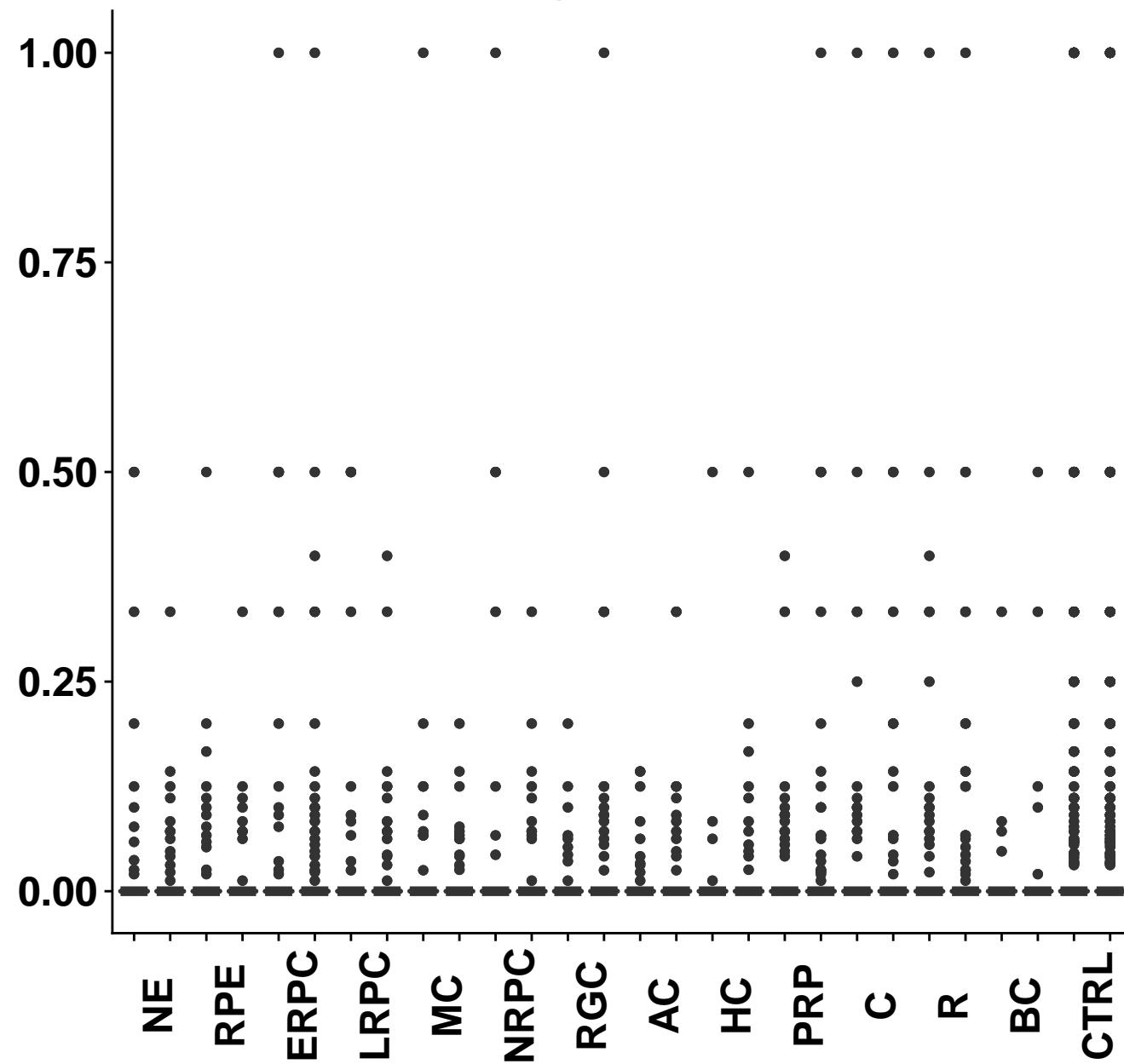
## Pou4f2\_1\_mean



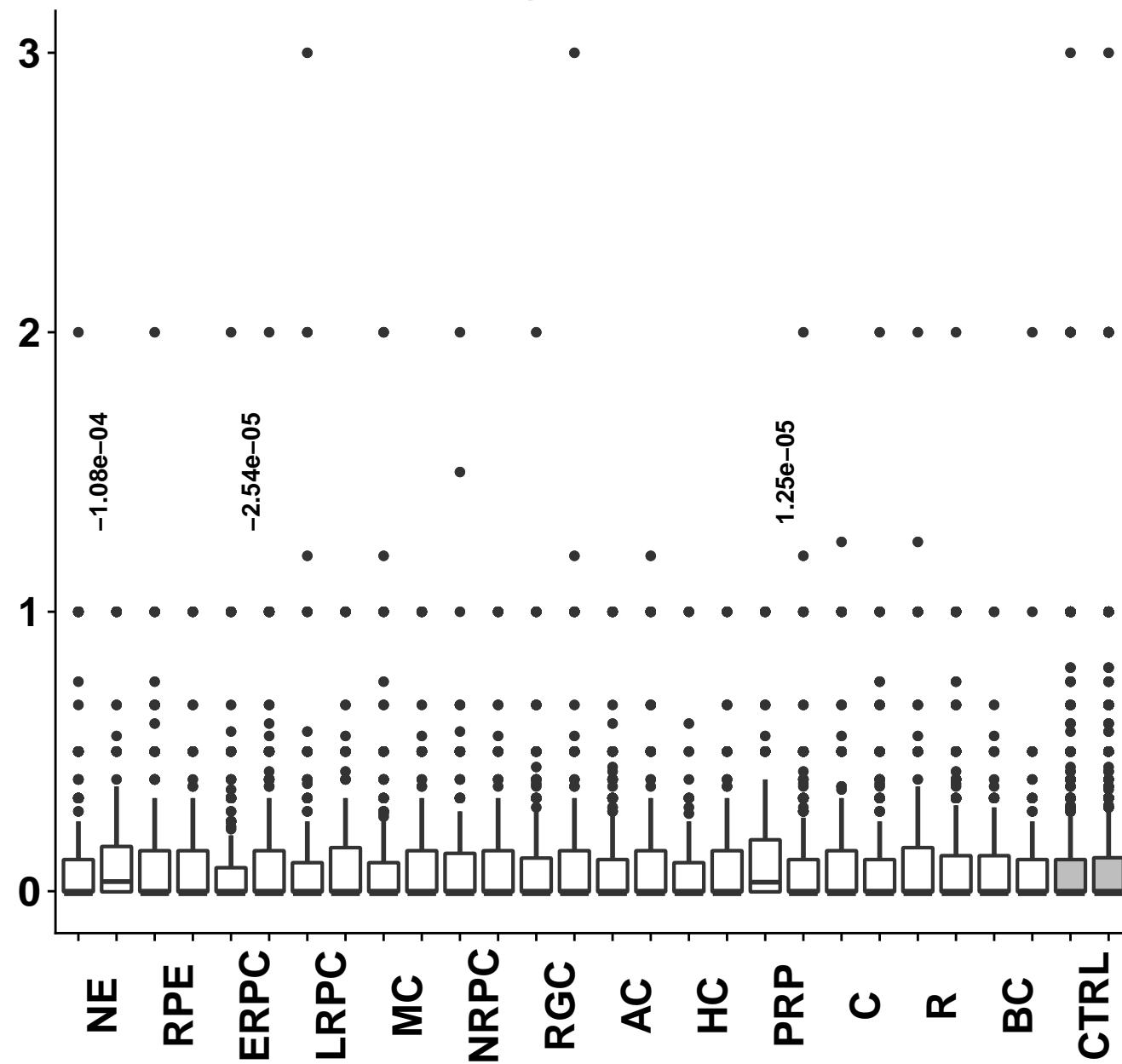
## Pou6f2\_1\_mean



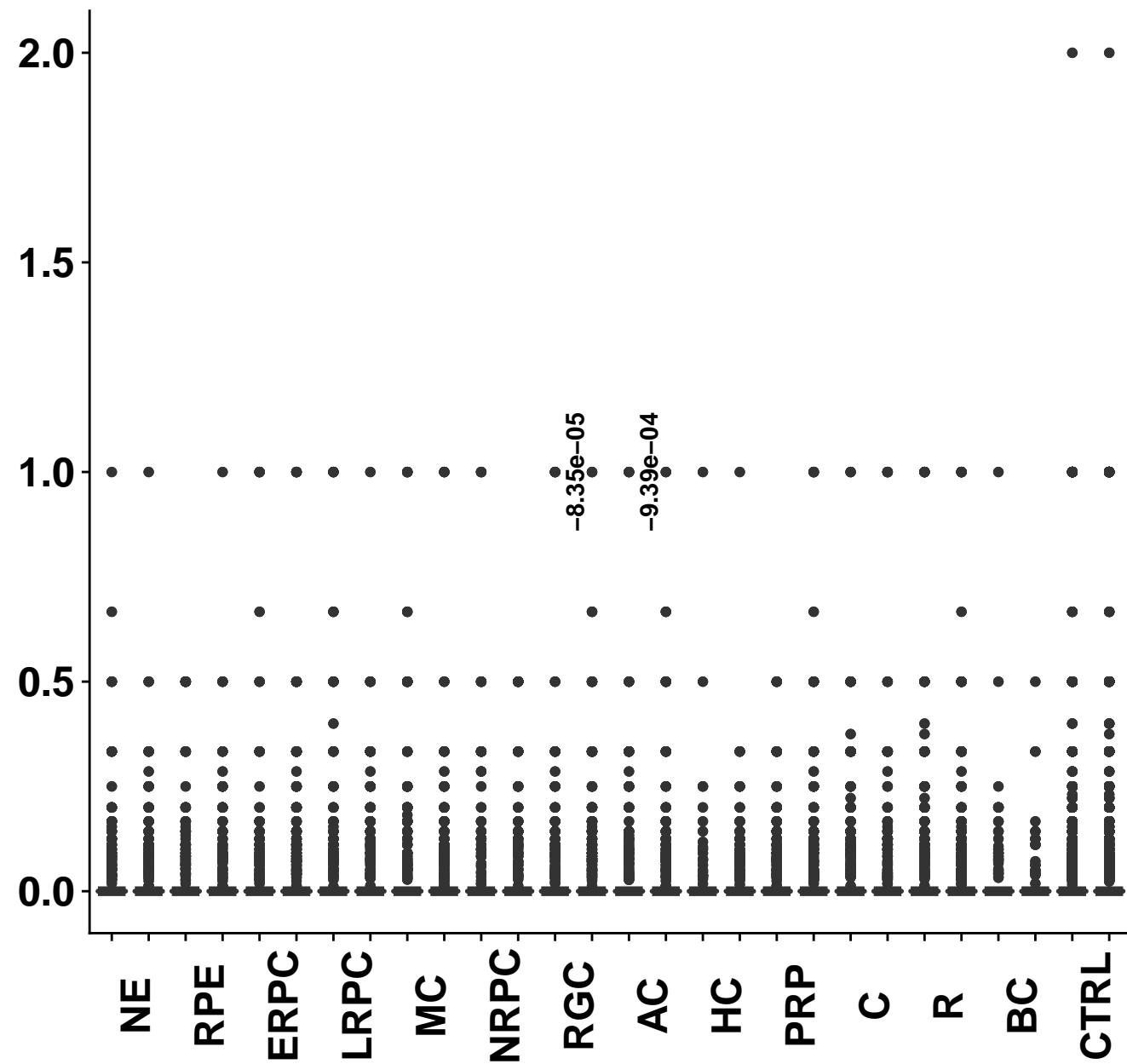
# Rxrg\_1\_mean



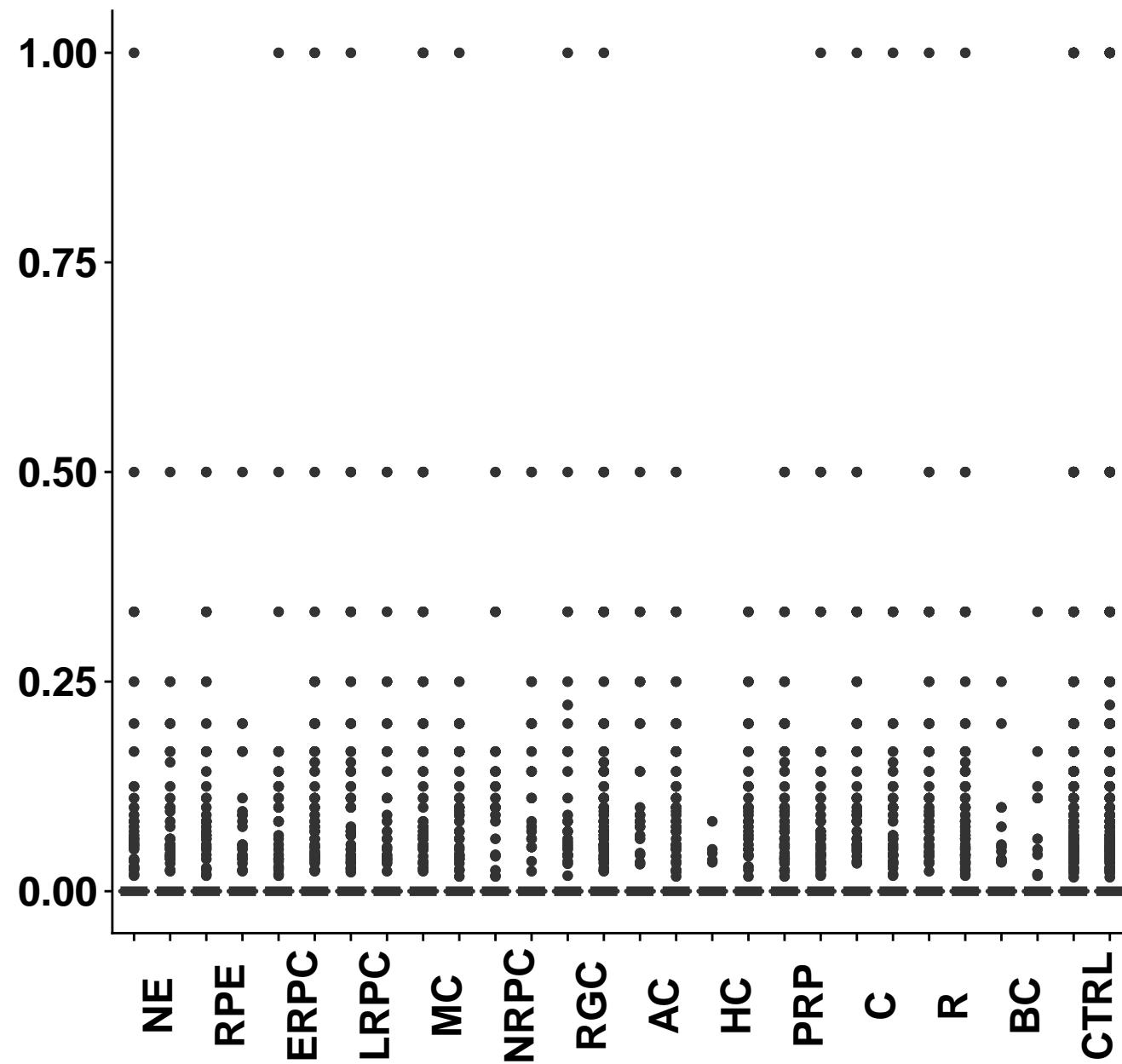
## Rxrg\_2\_mean



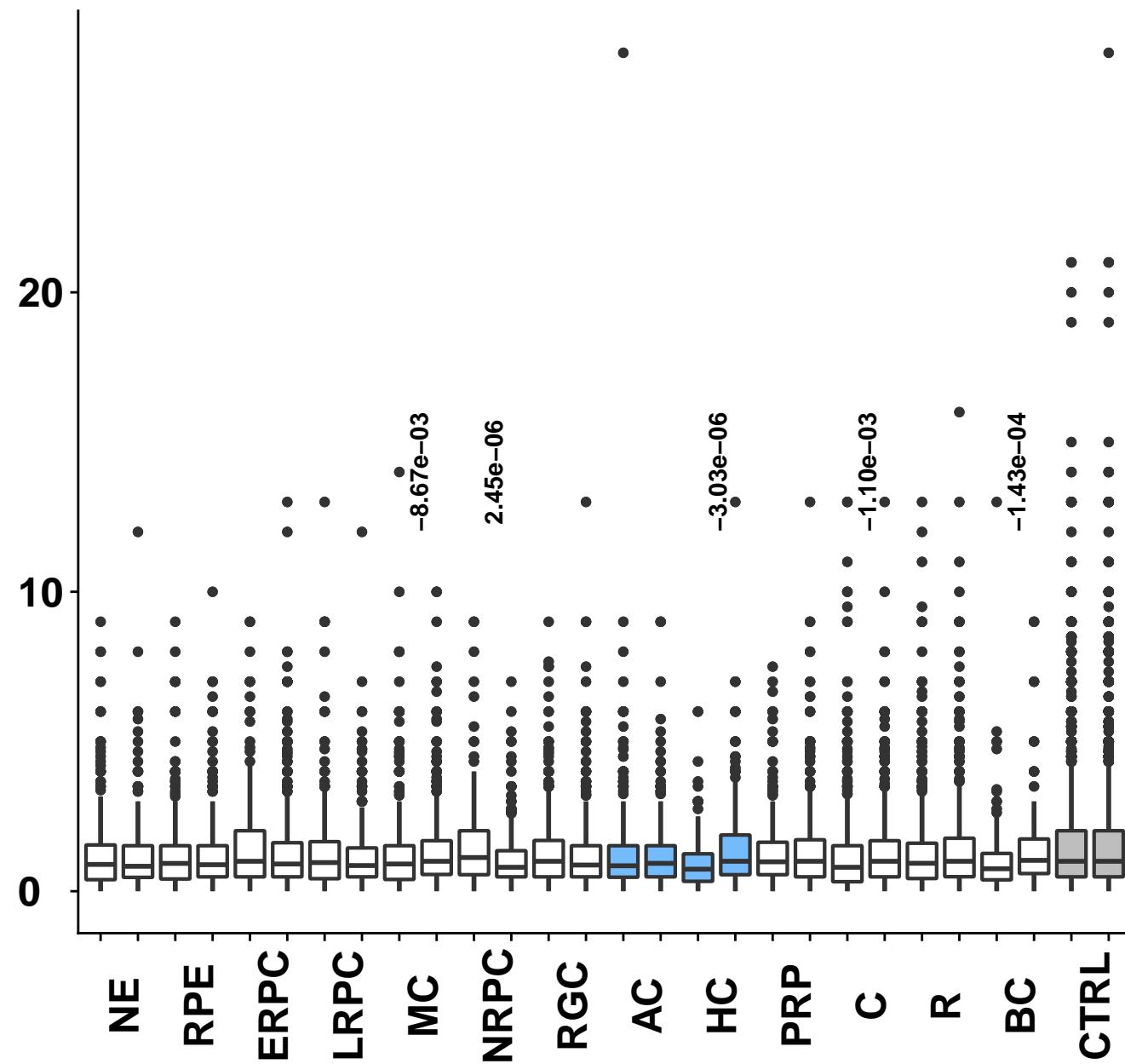
## **Scrt1\_1\_mean**



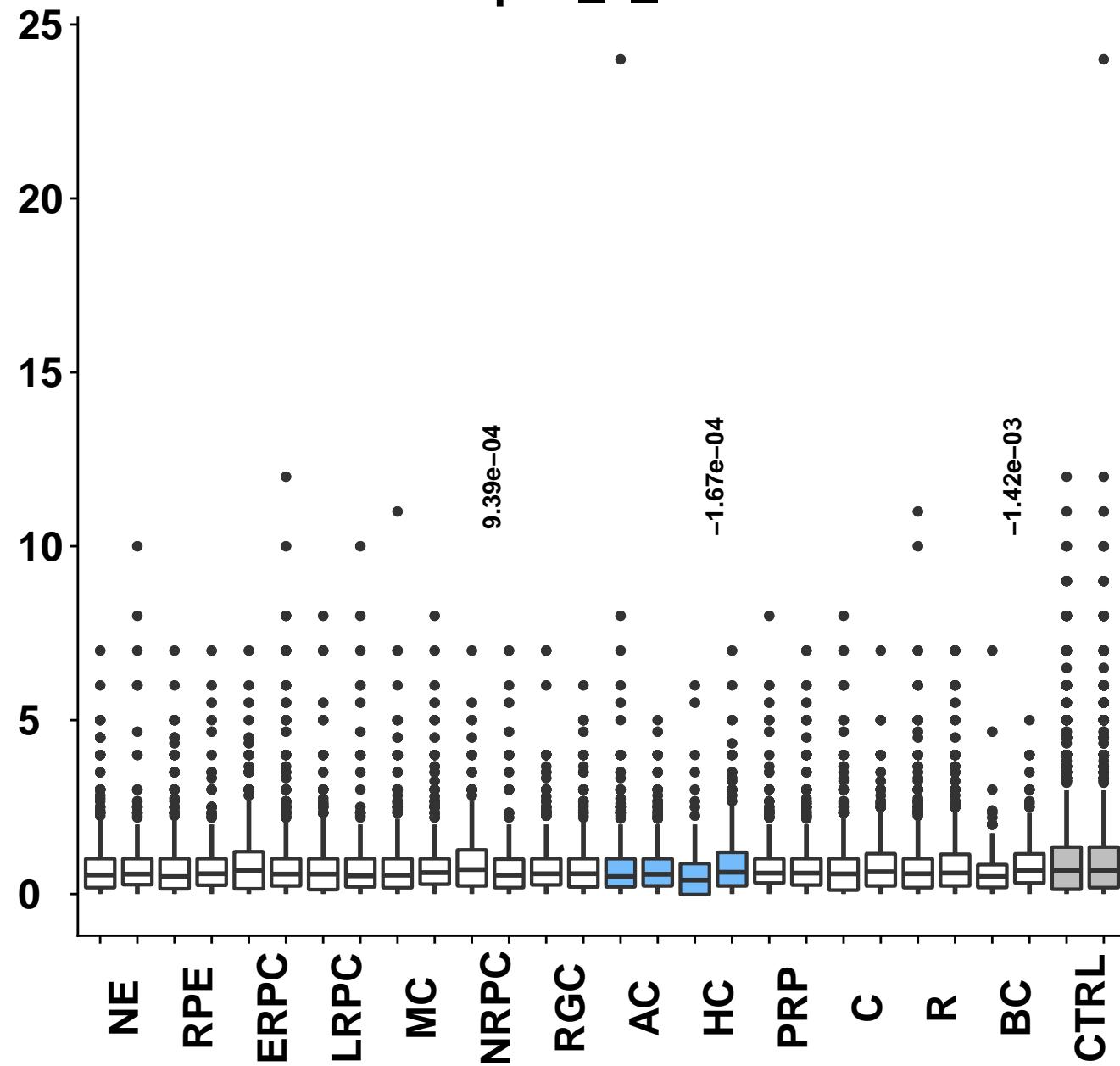
## Scrt1\_2\_mean



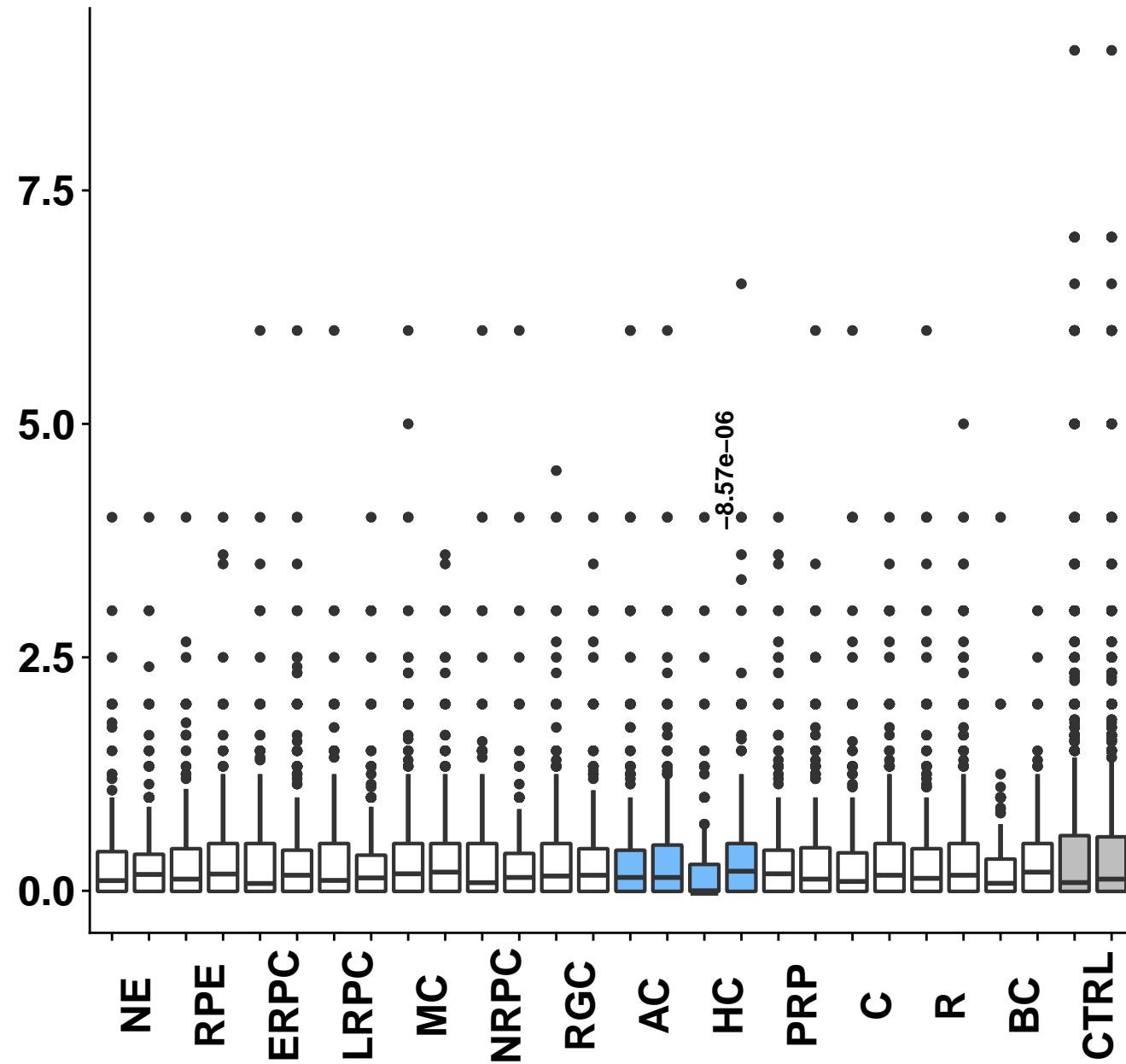
## Tfap2b\_1\_mean



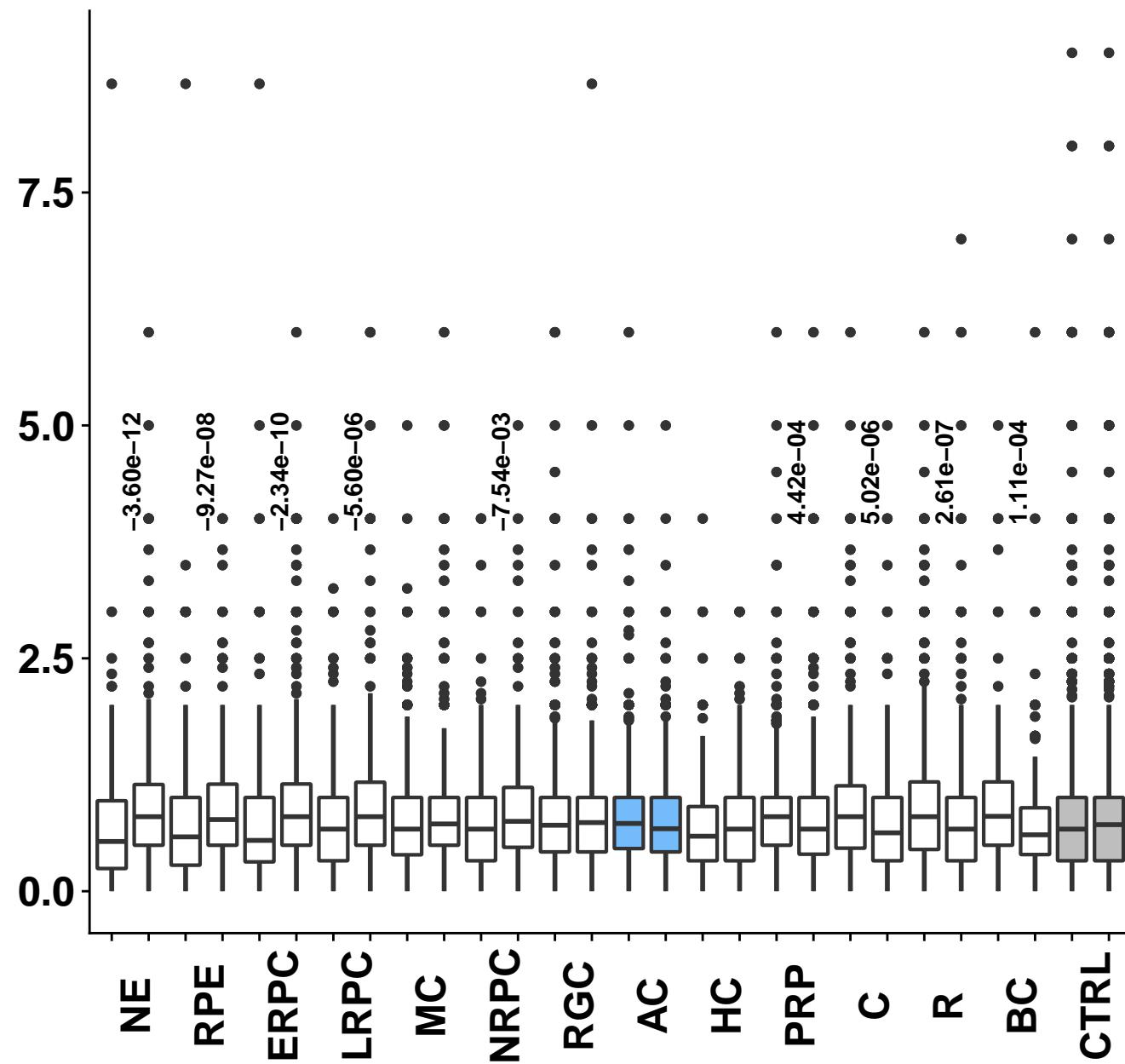
## Tfap2b\_2\_mean



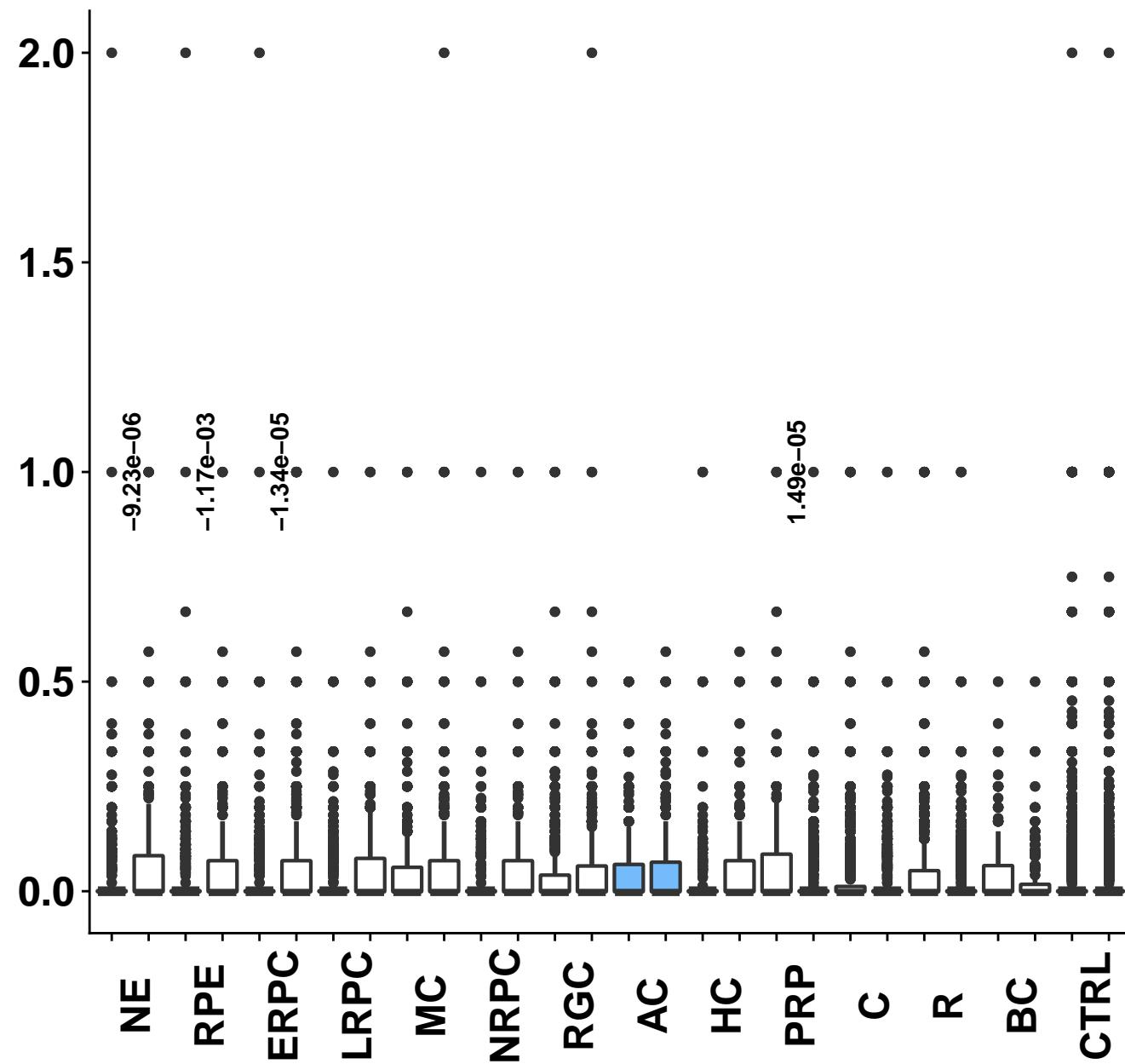
## Tfap2b\_3\_mean



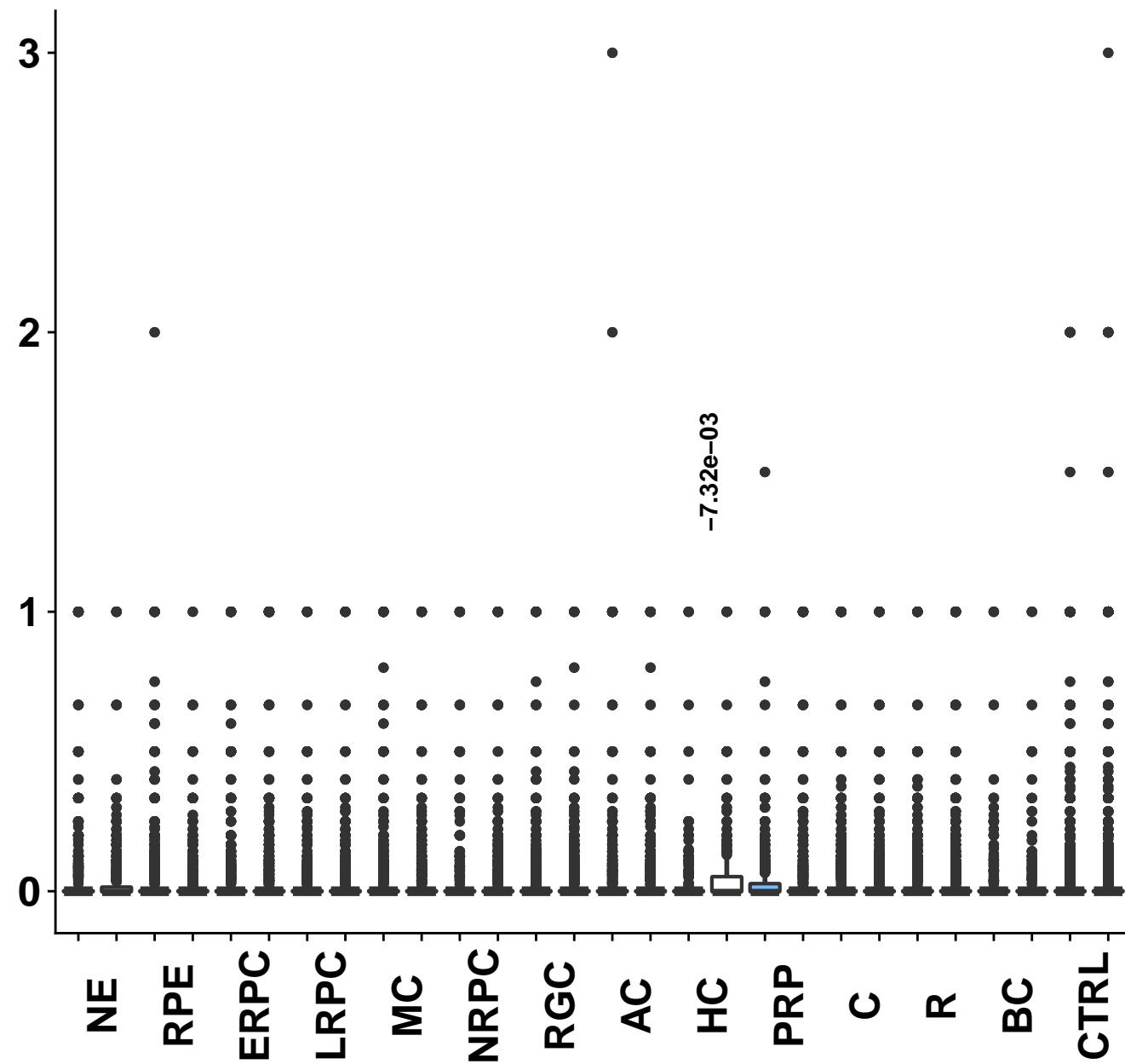
## Meis2\_1\_mean



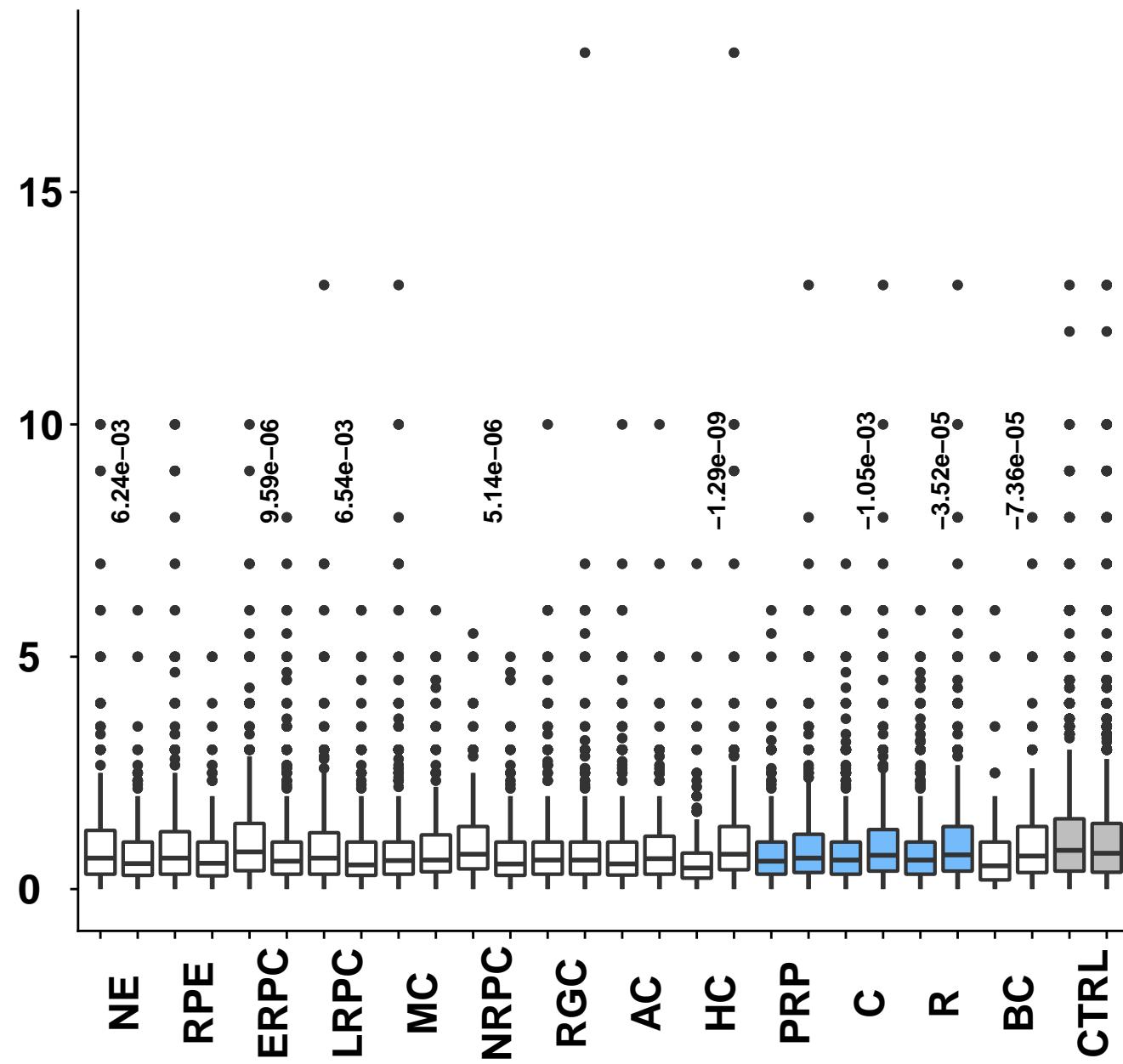
## Meis2\_2\_mean



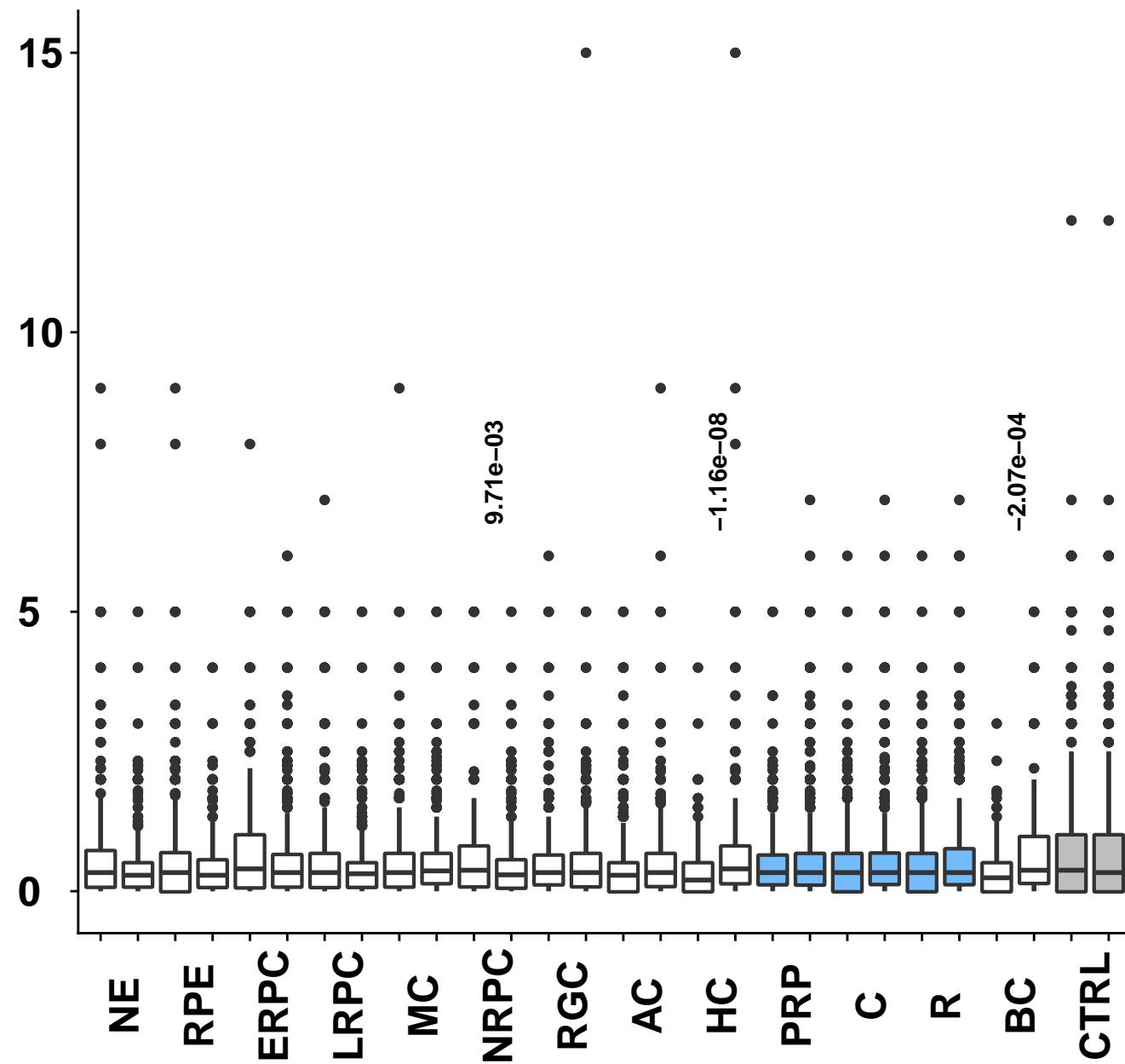
# Hif1a\_1\_mean



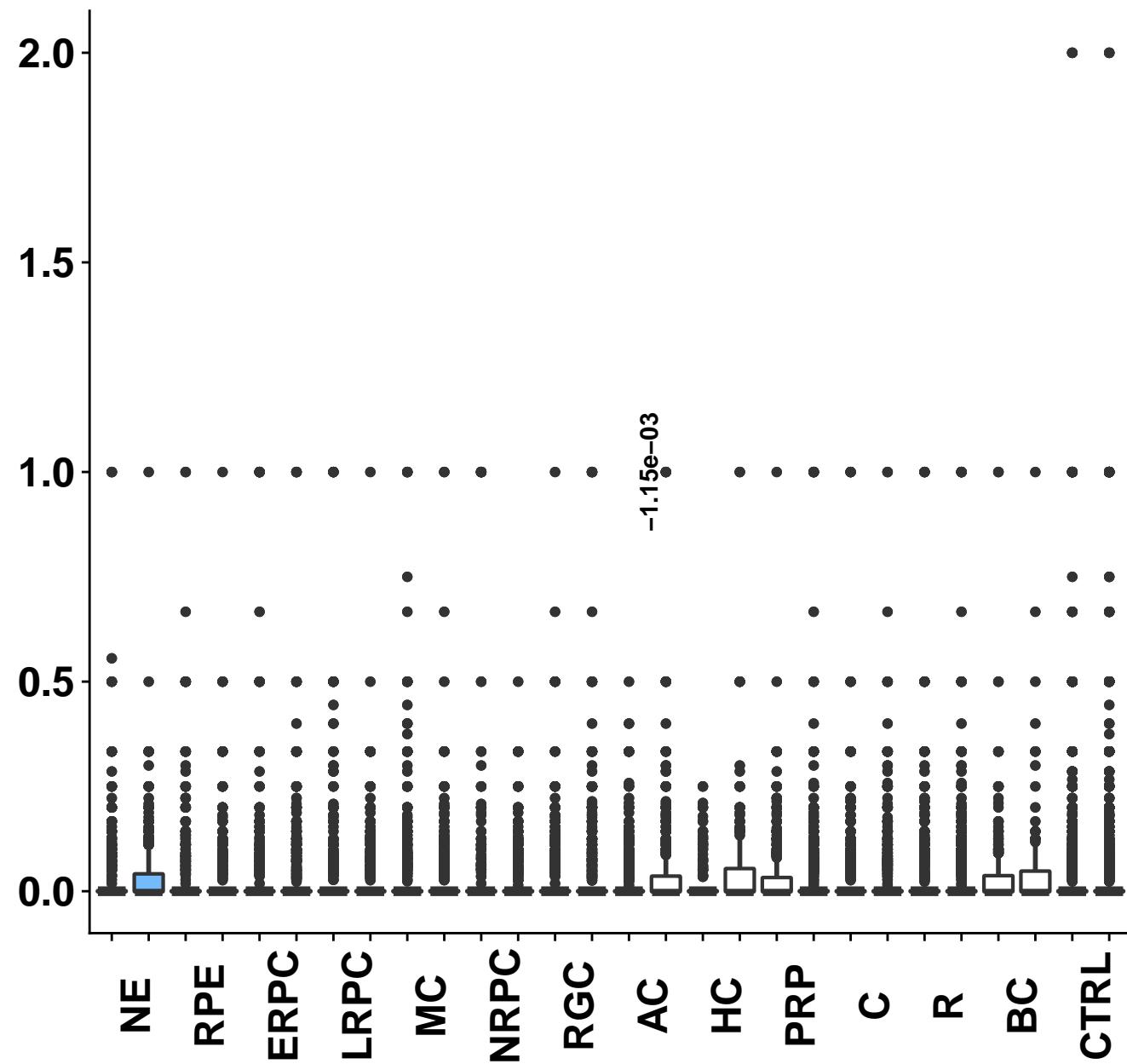
## Hif1a\_2\_mean



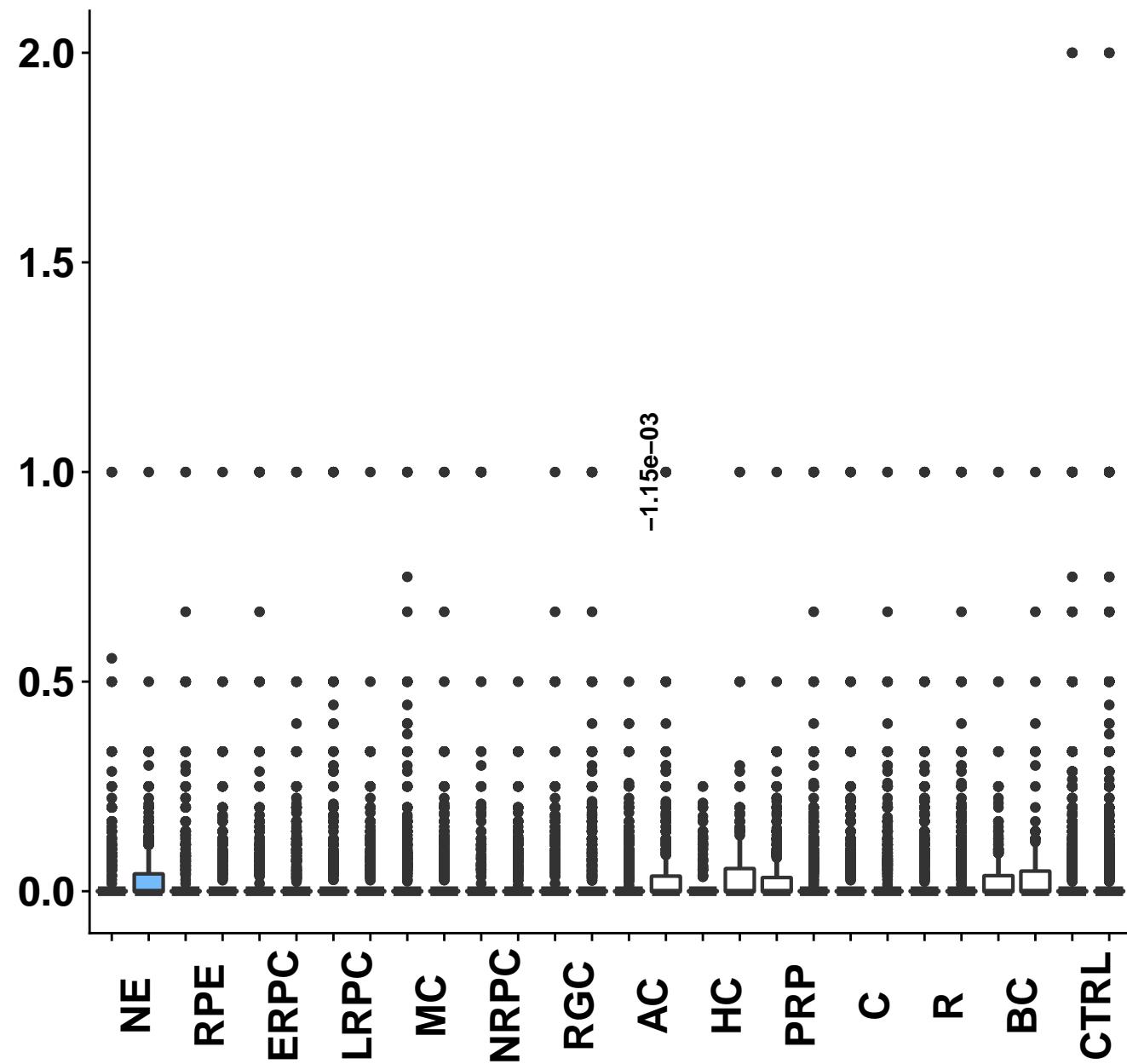
## Hif1a\_3\_mean



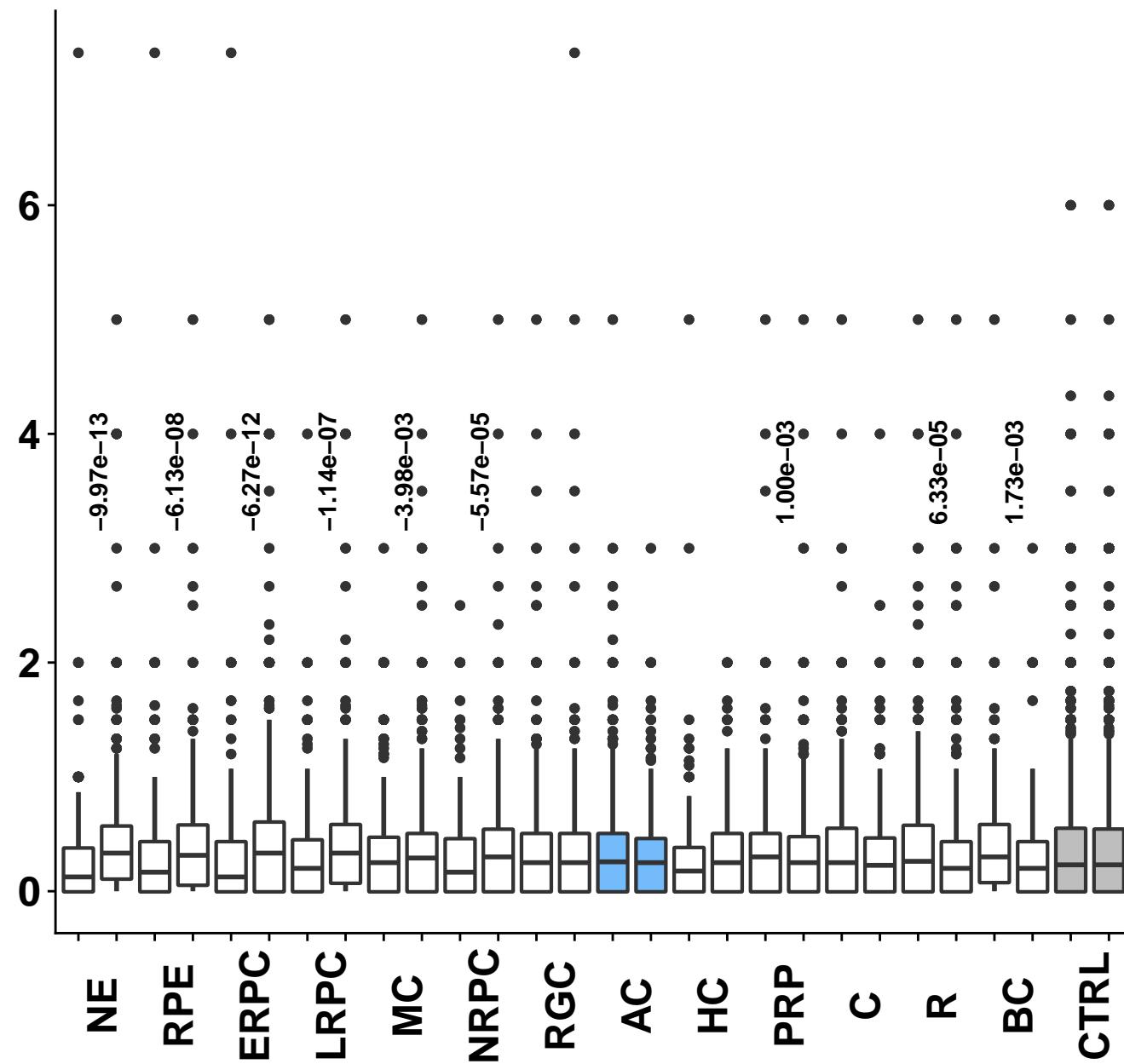
# Hmx1\_1\_mean



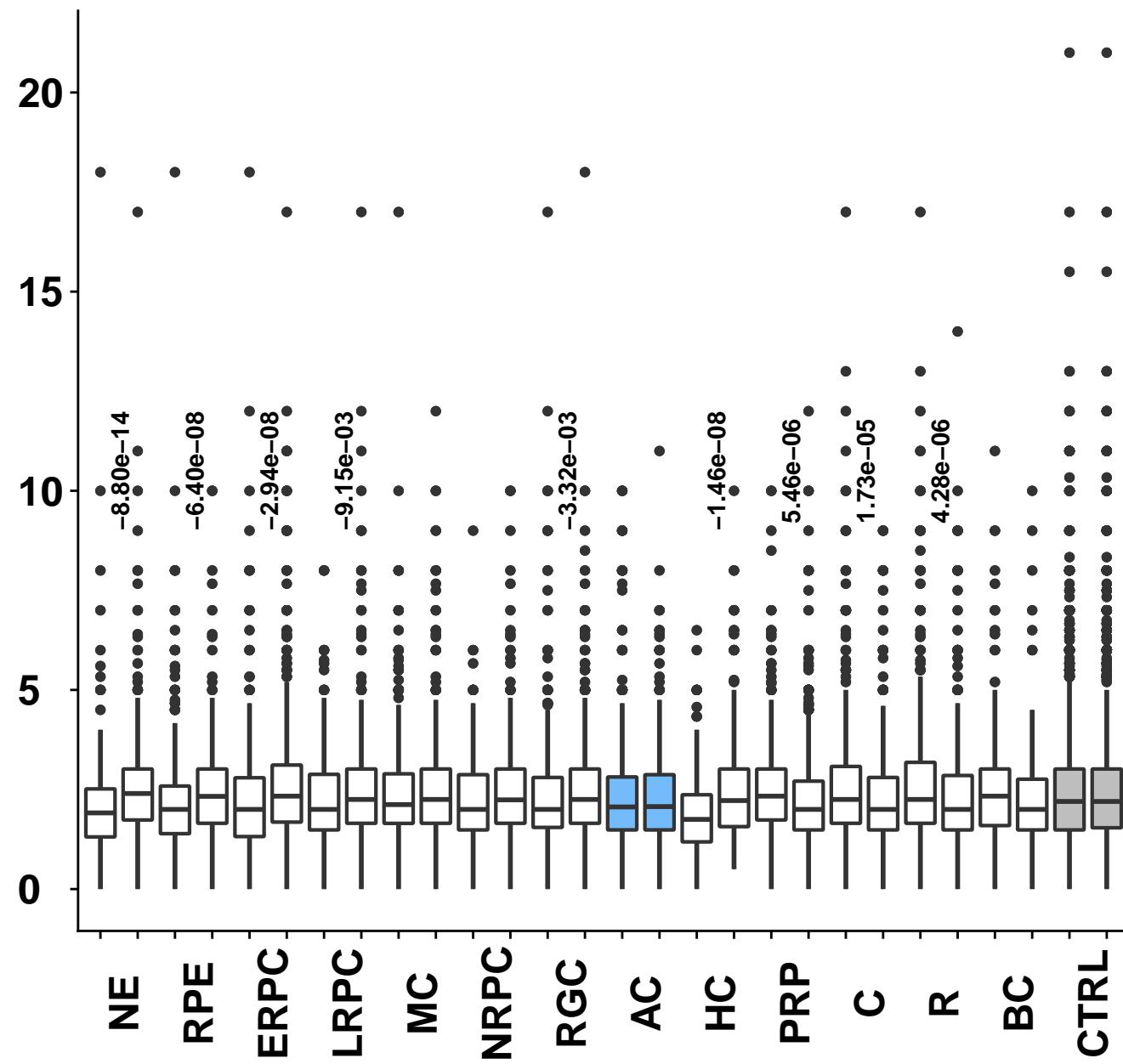
## Hmx1\_2\_mean



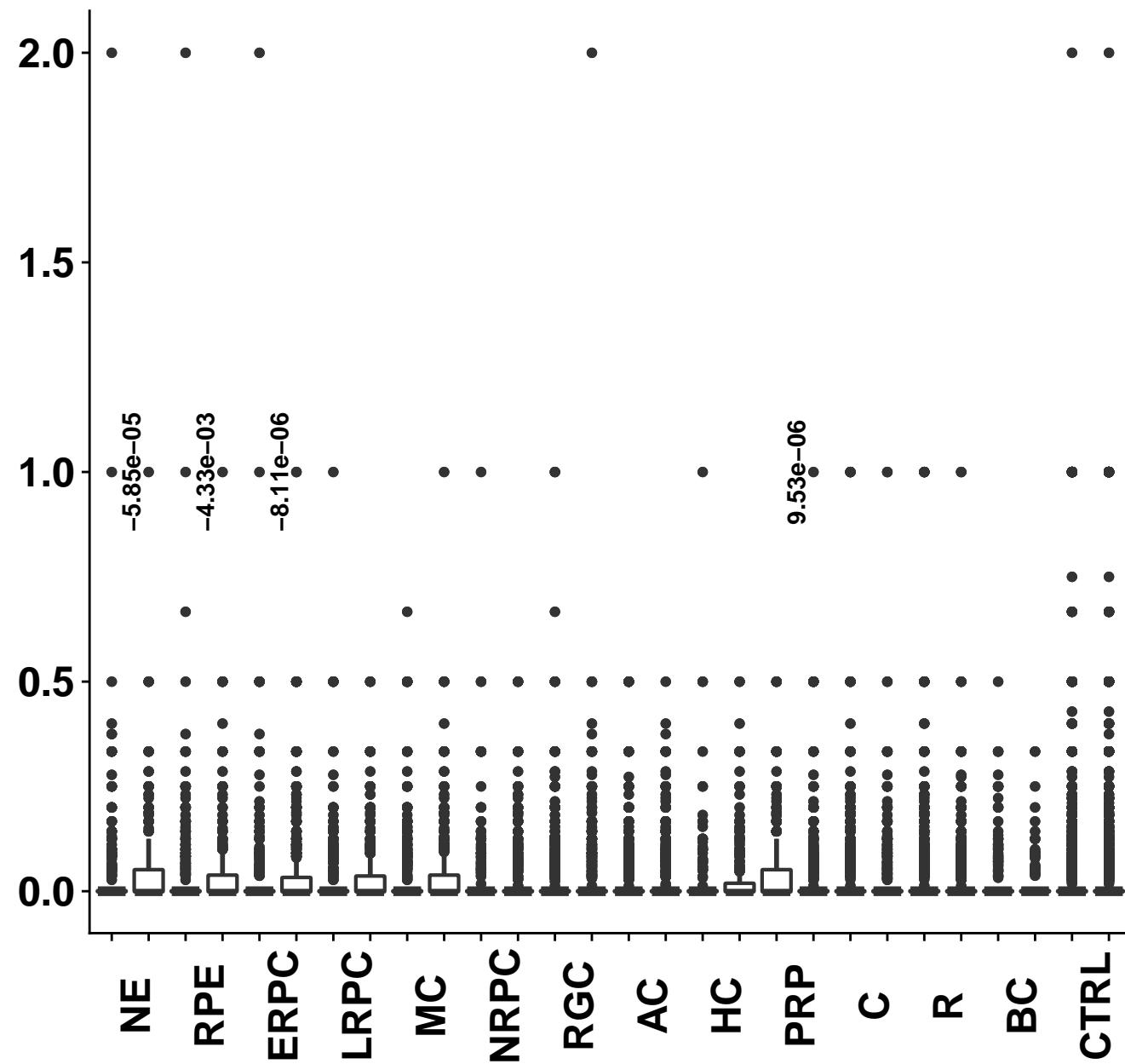
## Meis1\_1\_mean



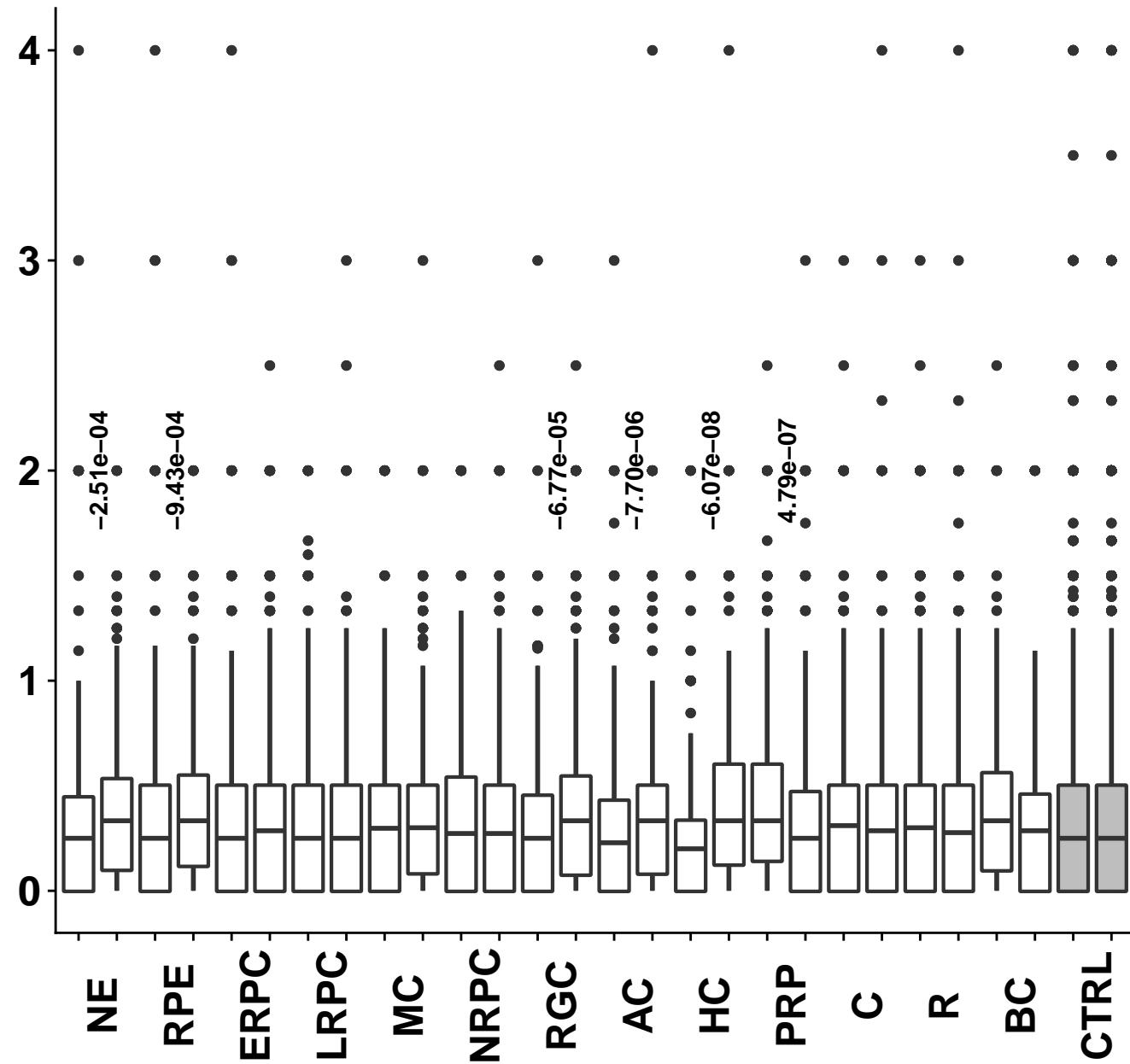
## Meis1\_2\_mean



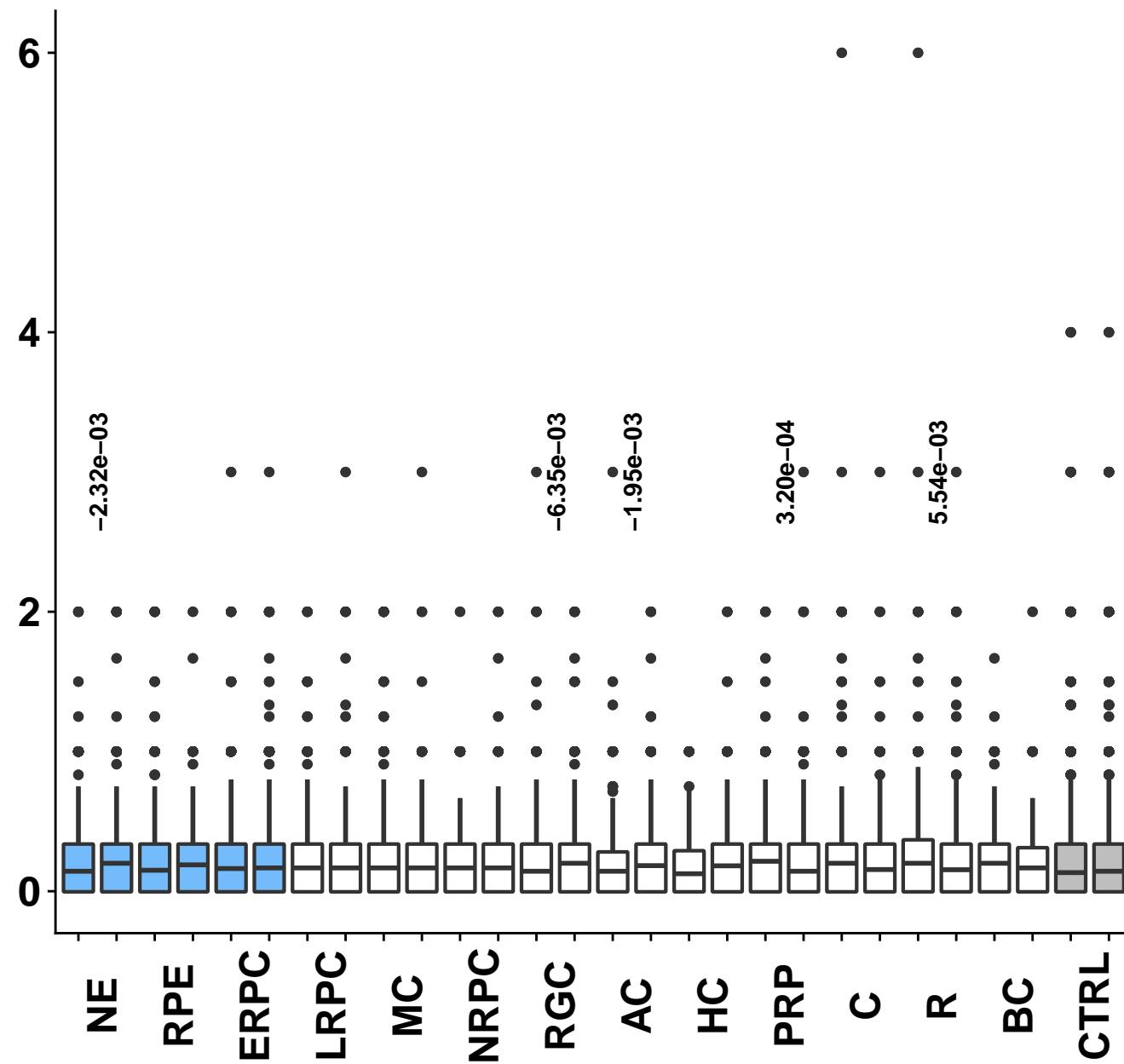
### Meis1\_3\_mean



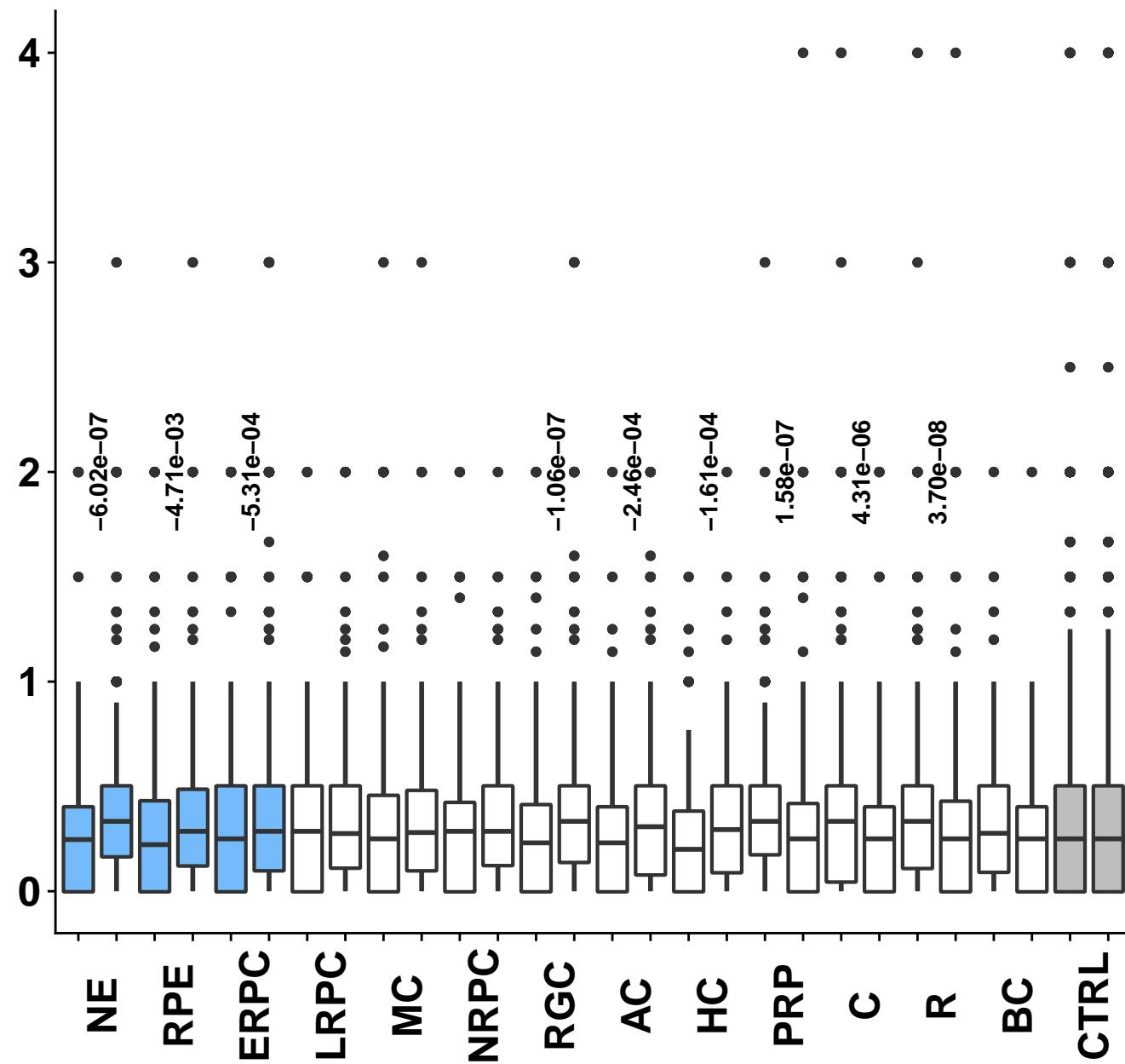
## Neurod2\_1\_mean



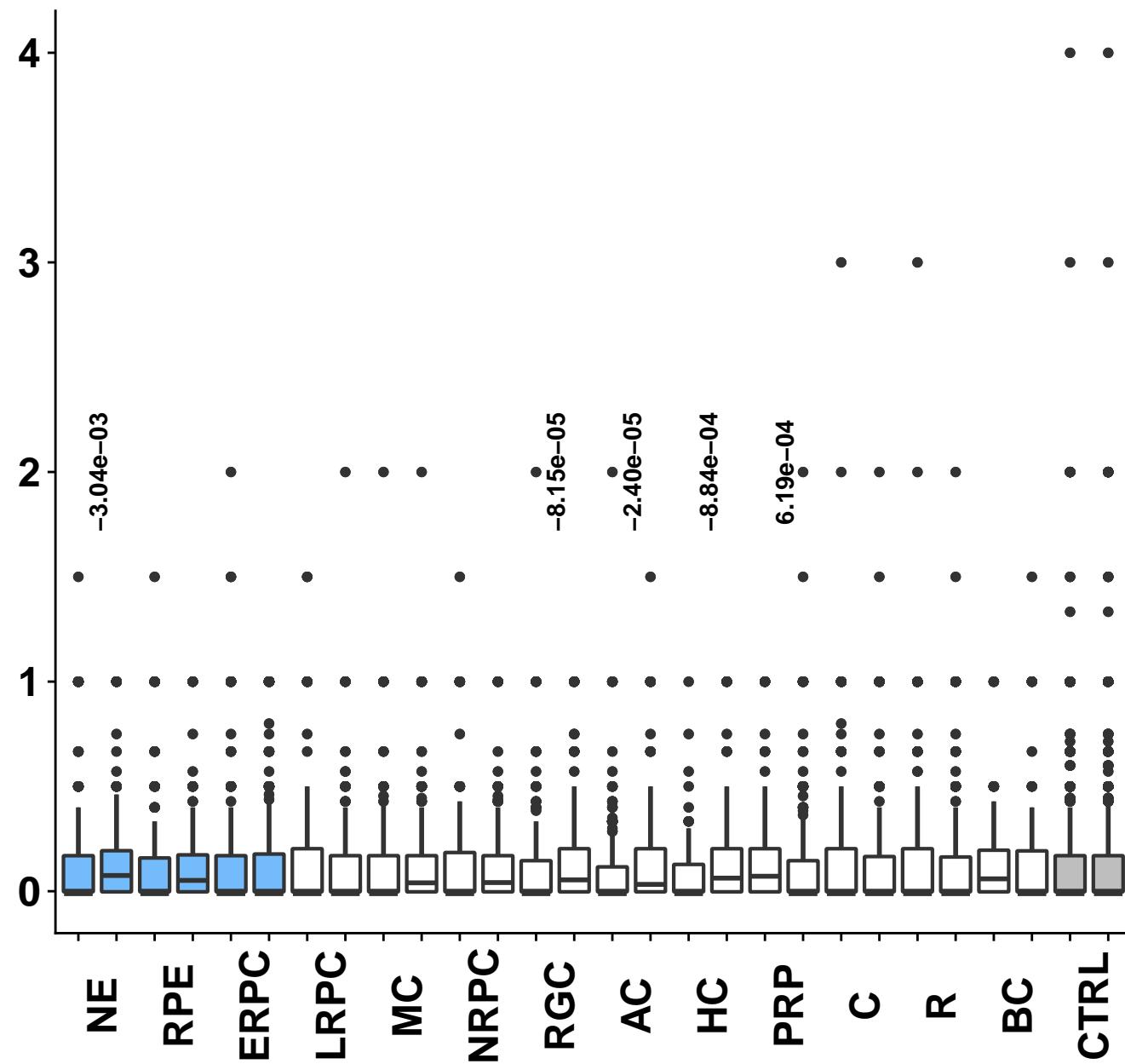
## Nr2f2\_1\_mean



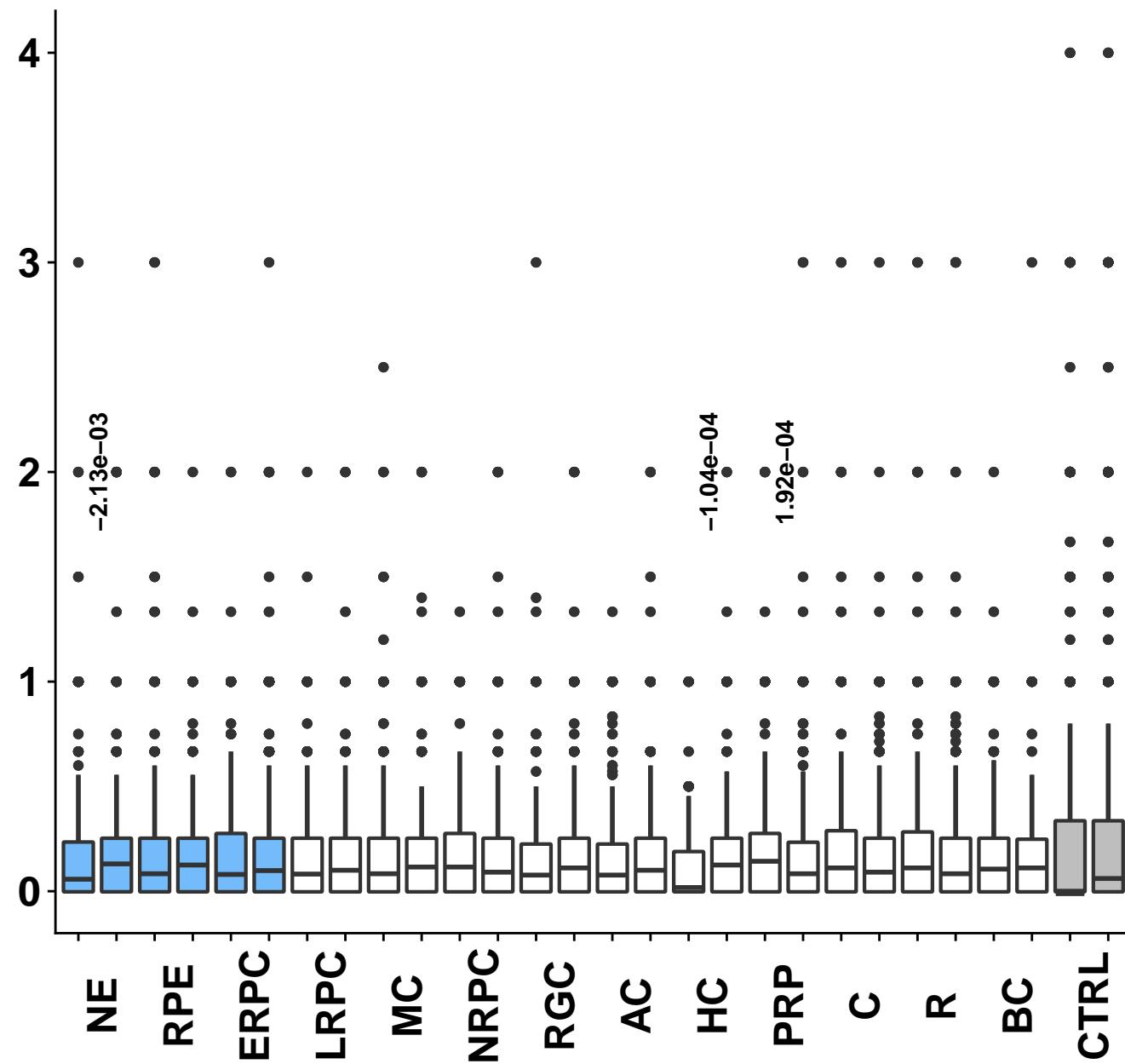
## Nr2f2\_2\_mean

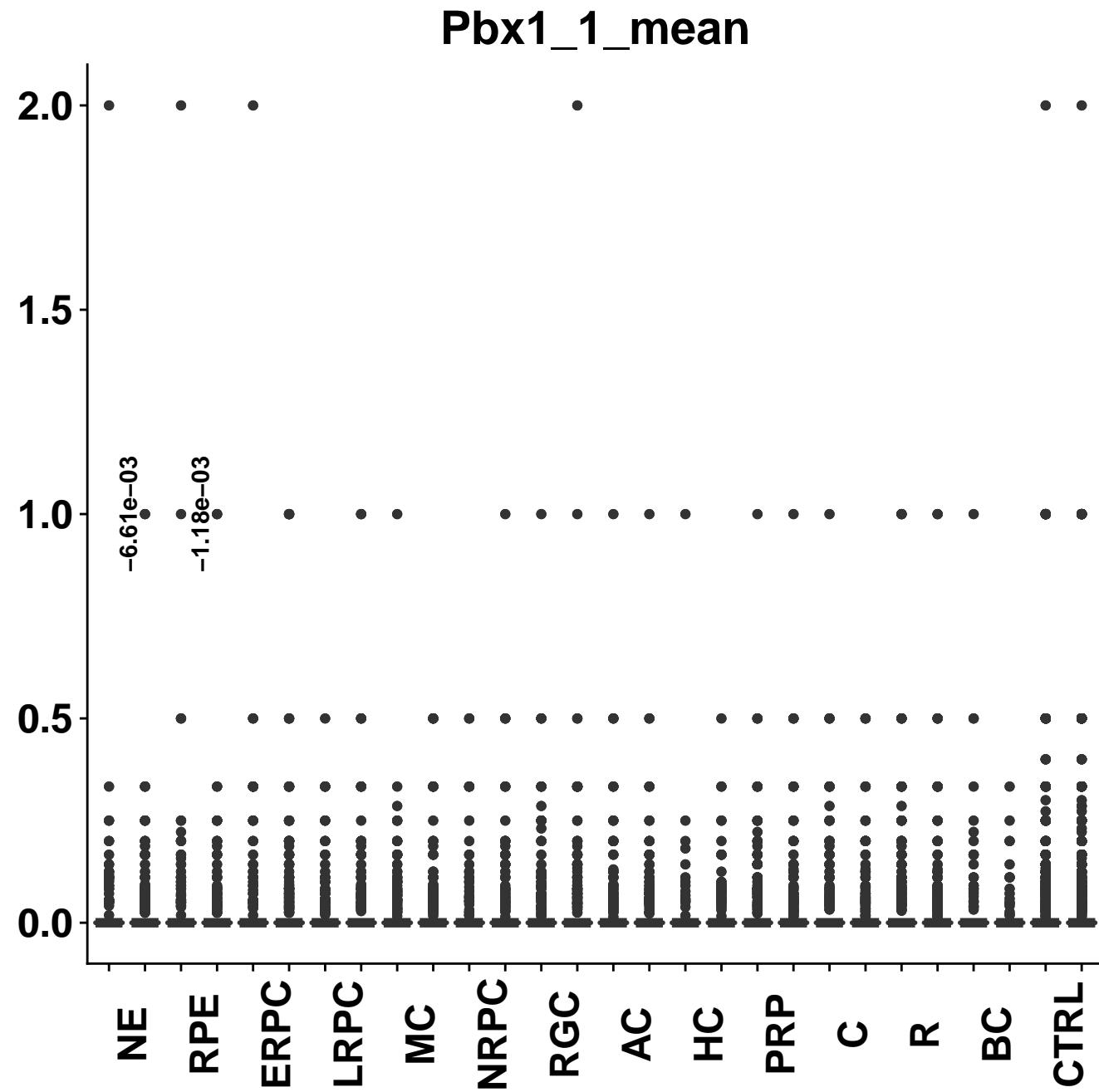


## Nr2f2\_3\_mean

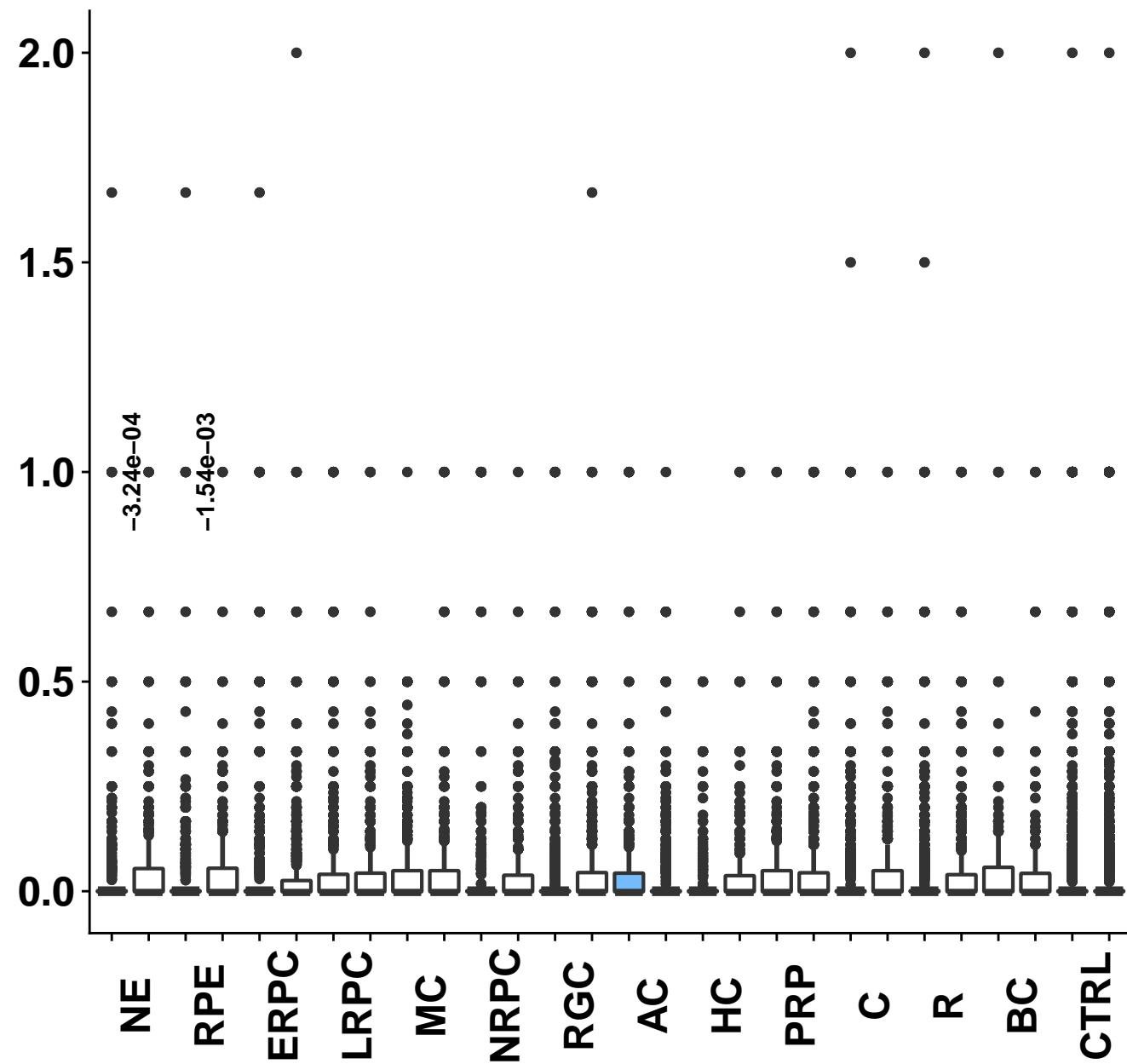


## Nr2f2\_4\_mean

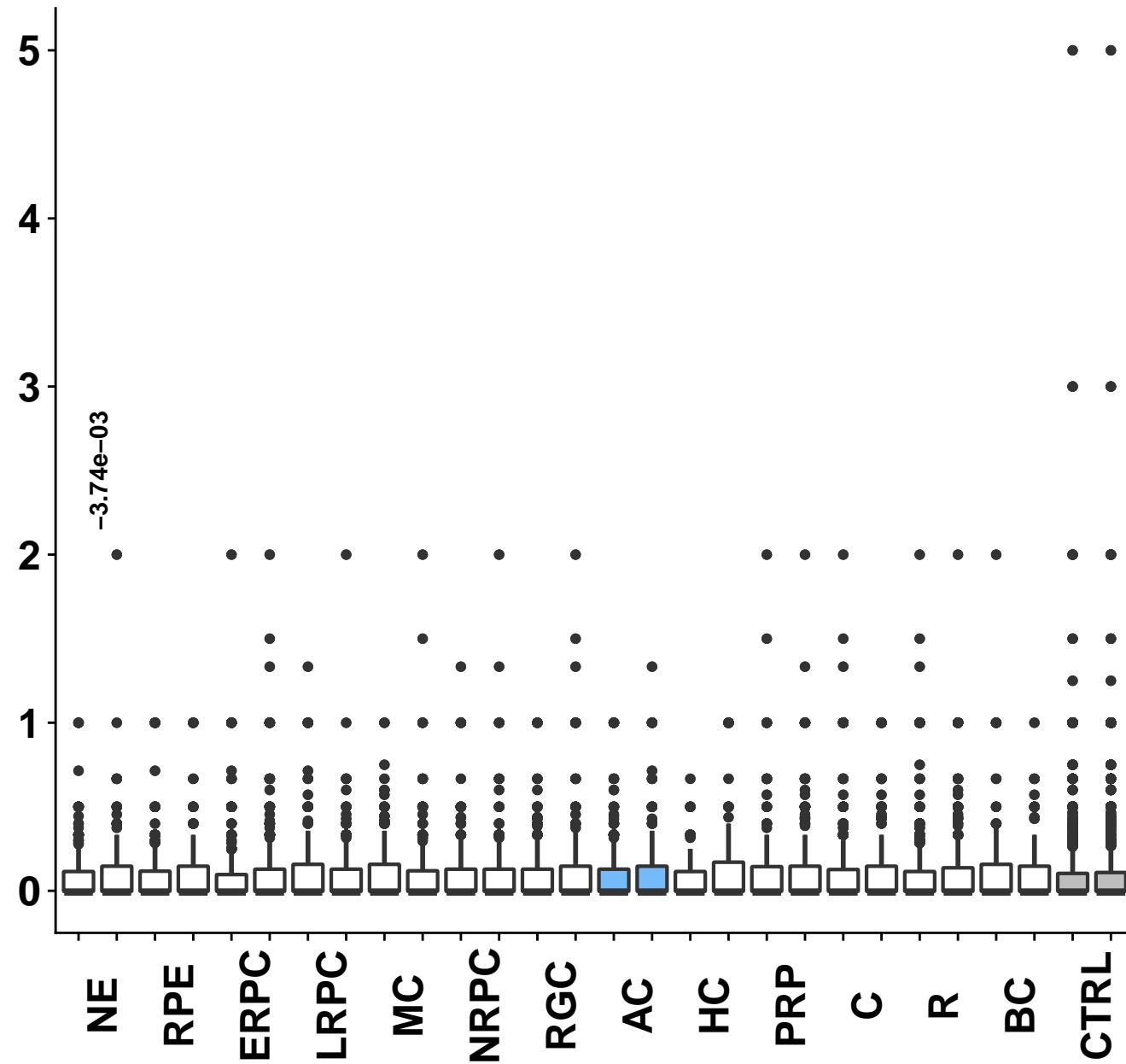




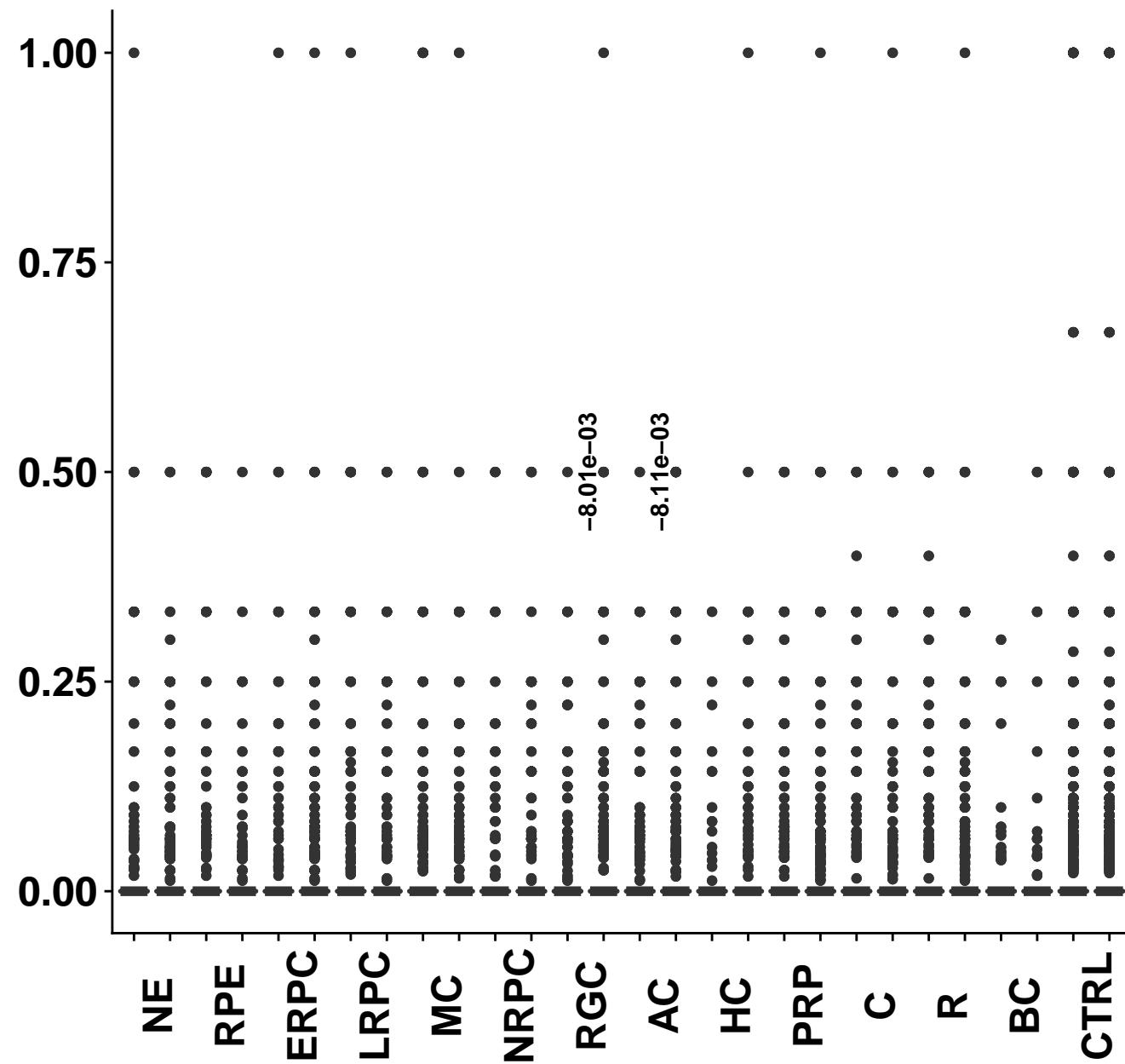
## Pbx1\_2\_mean



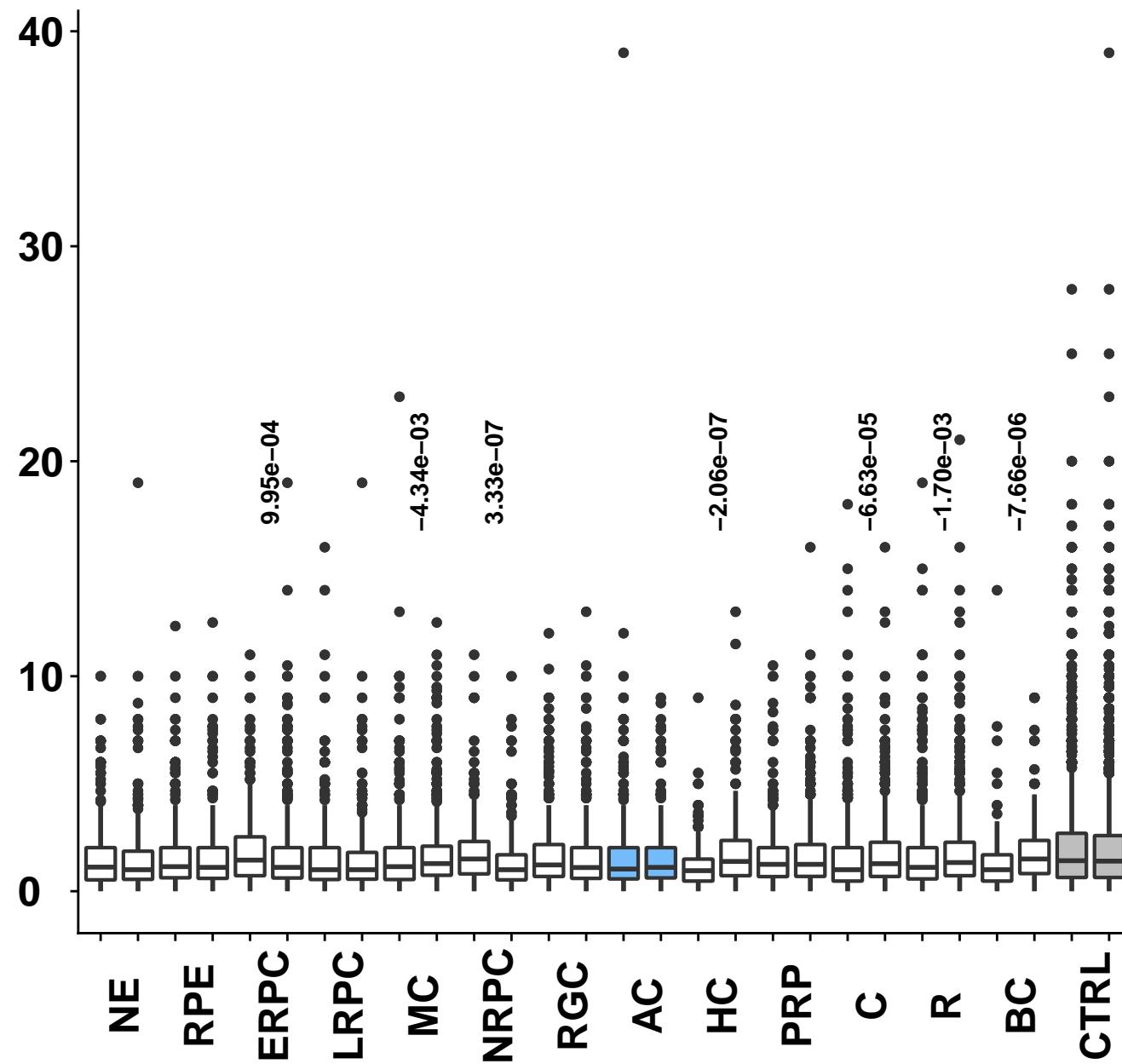
## Pbx1\_3\_mean



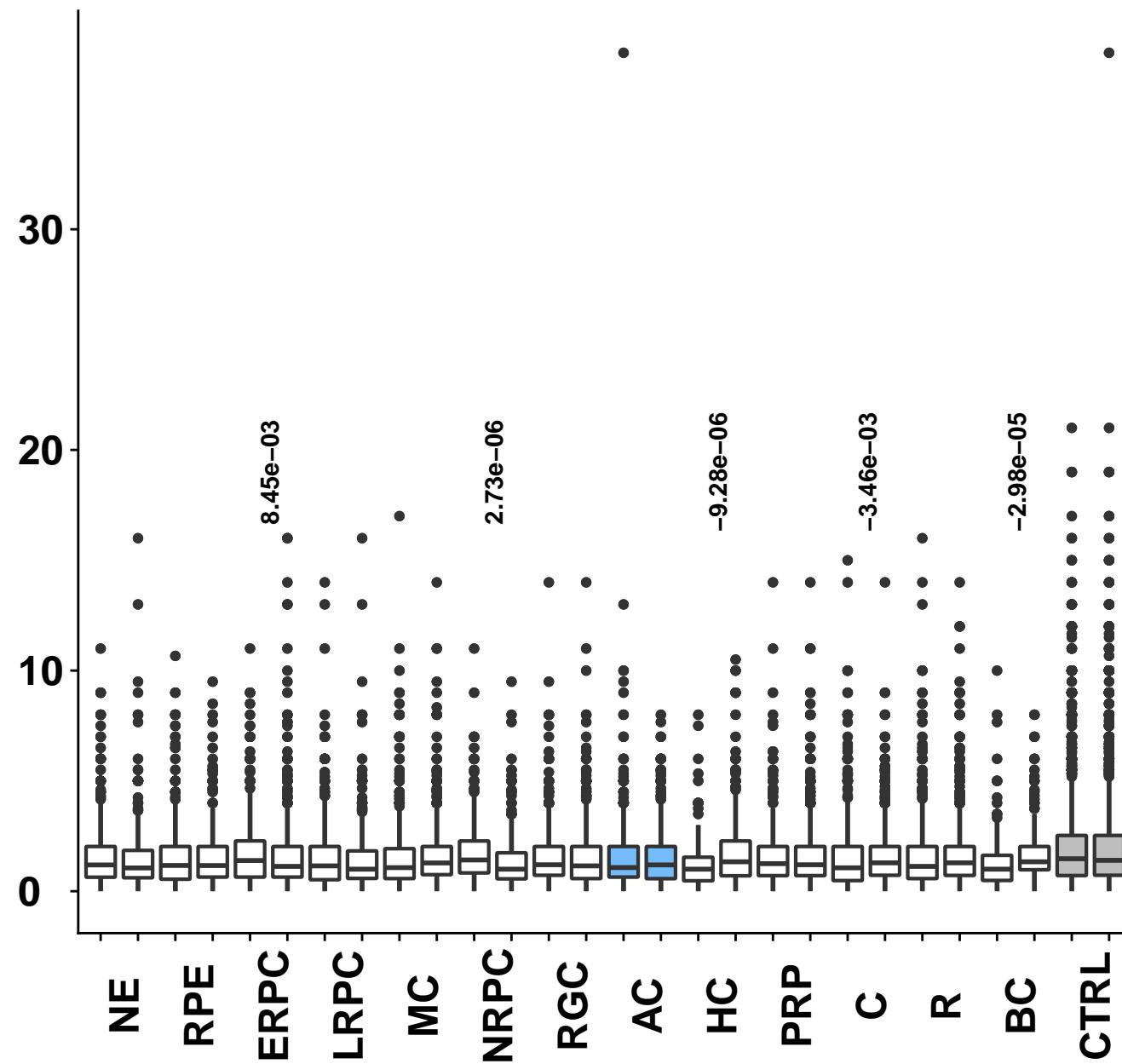
## Scrt2\_1\_mean



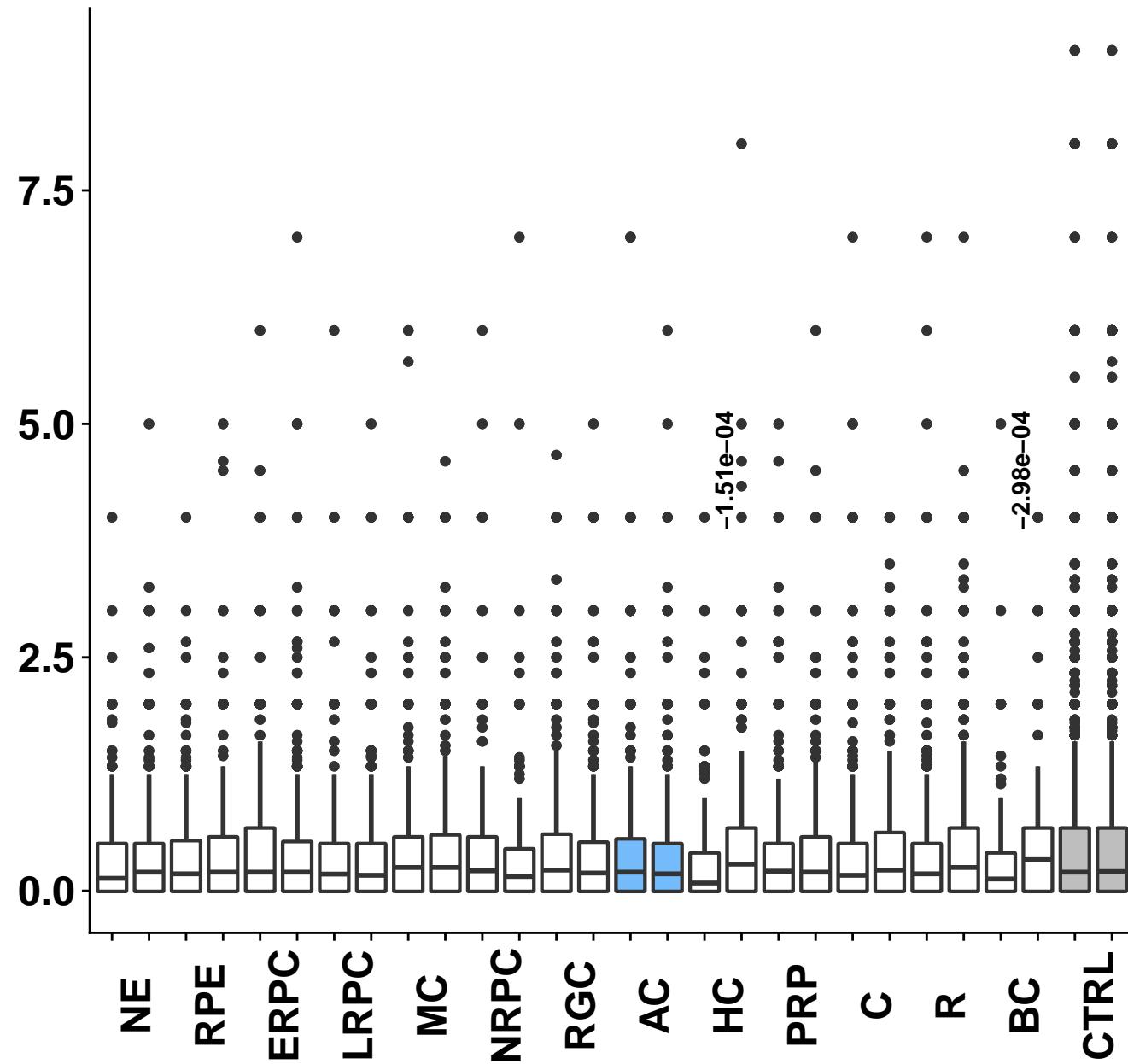
## Tfap2a\_1\_mean



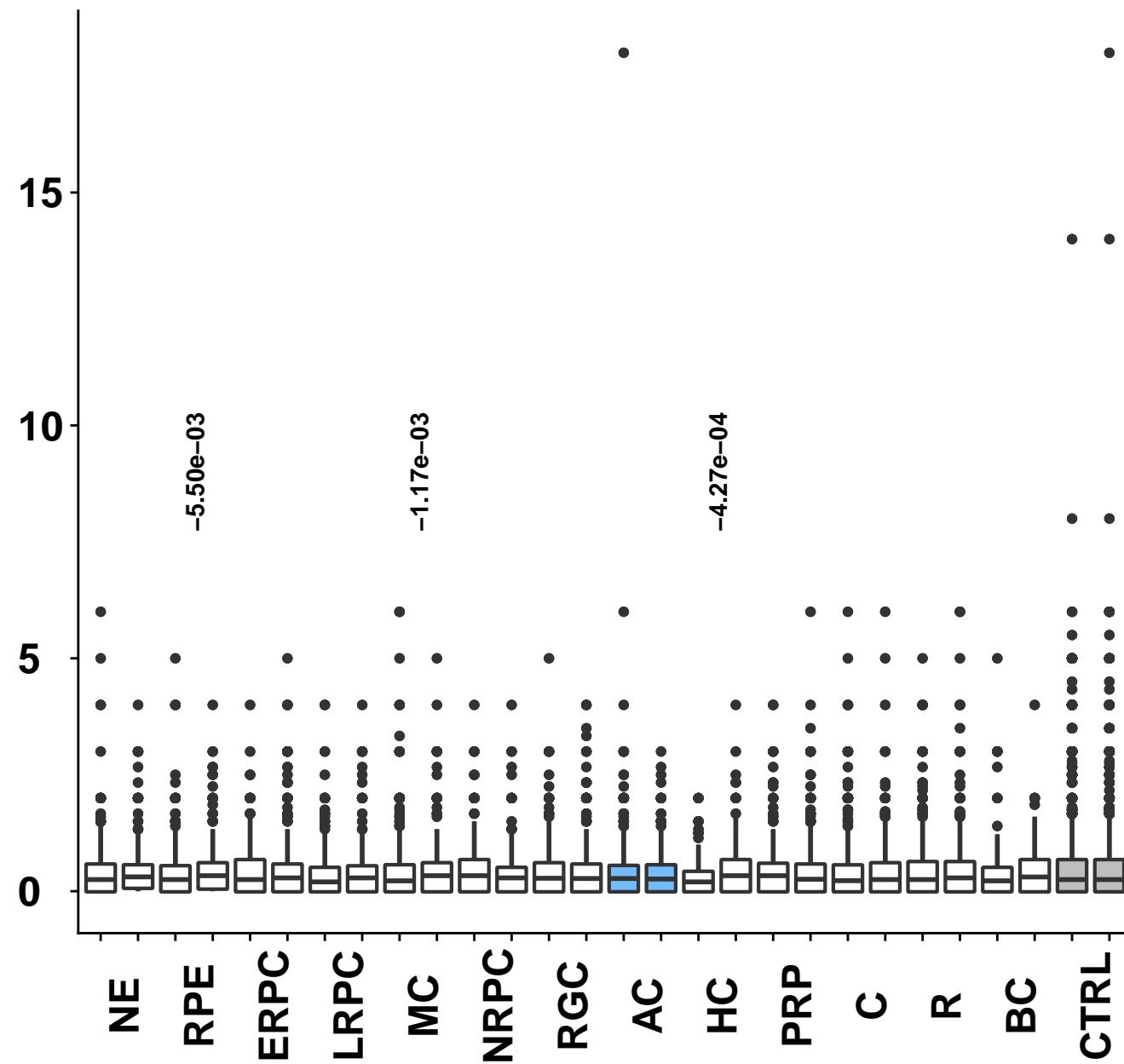
## Tfap2a\_2\_mean



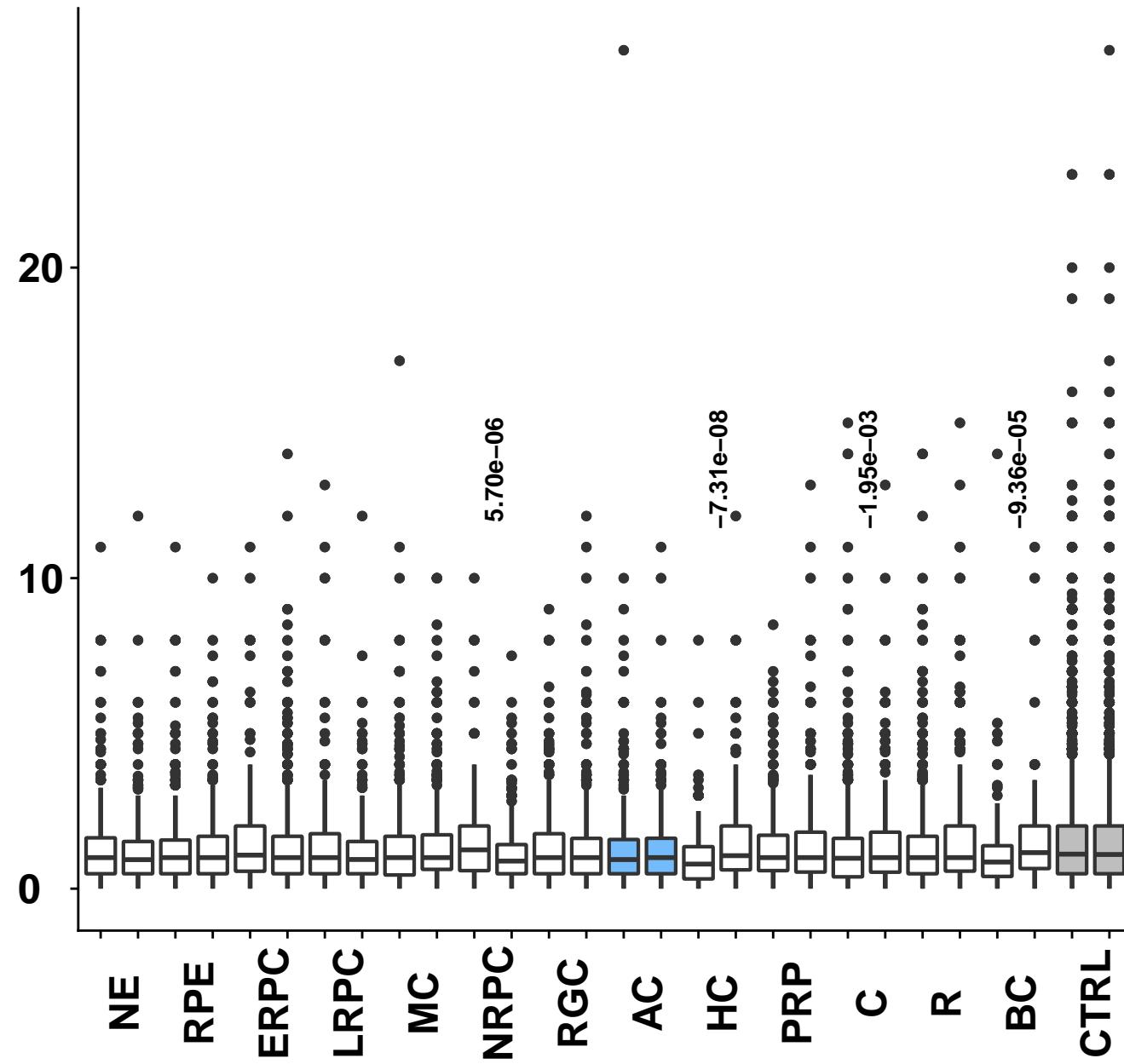
## Tfap2a\_3\_mean



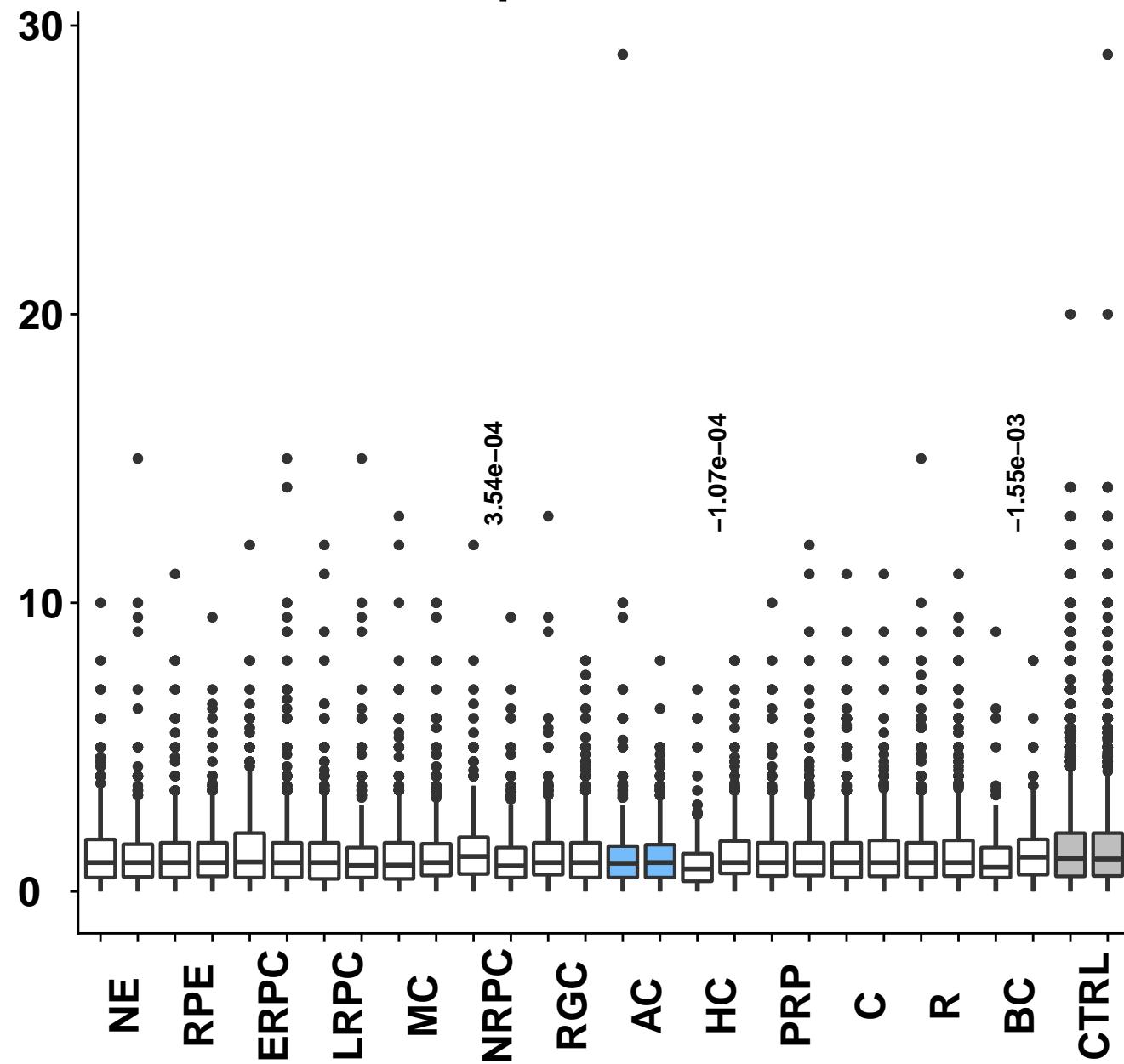
## Tfap2c\_1\_mean



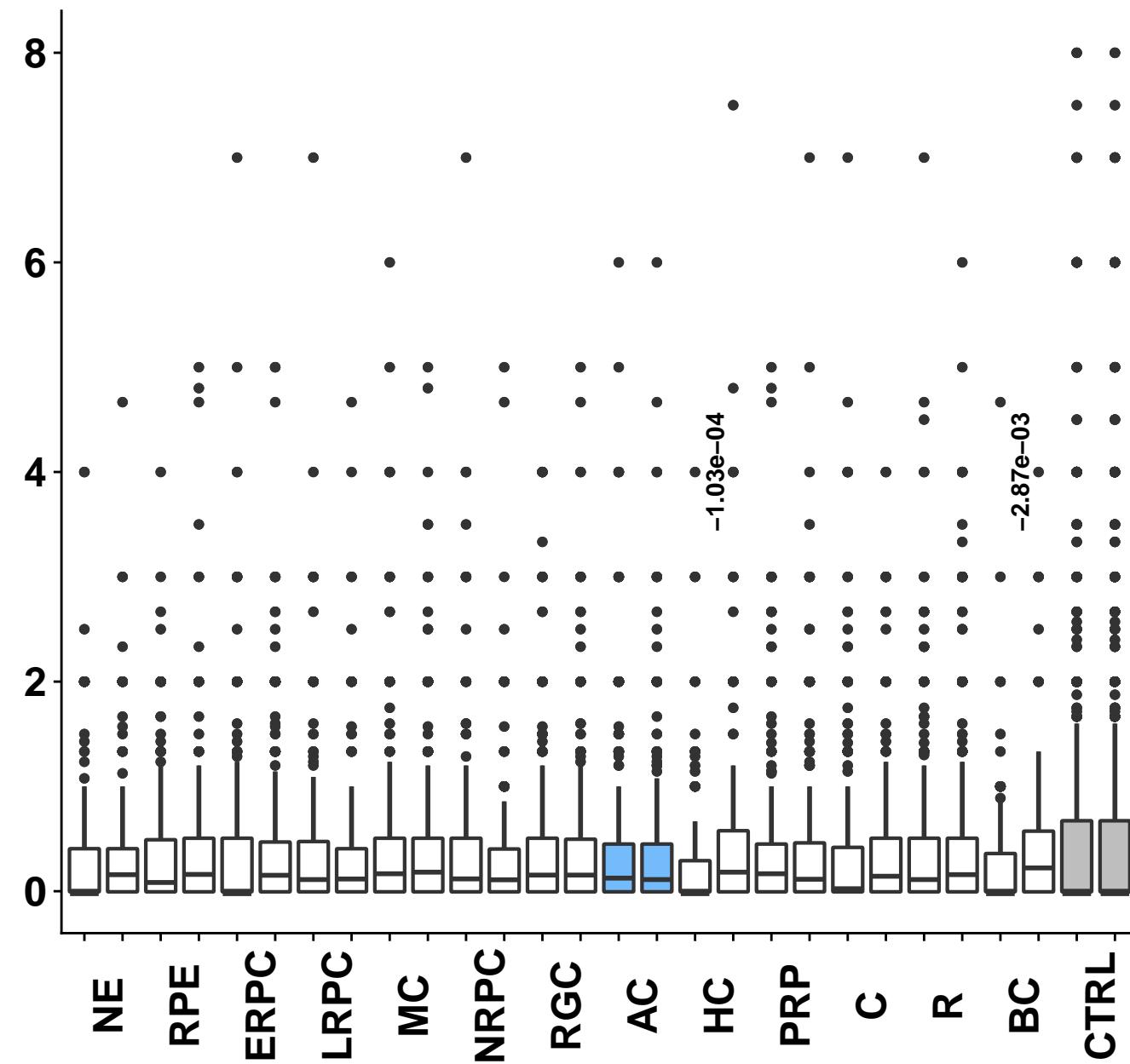
## Tfap2c\_2\_mean



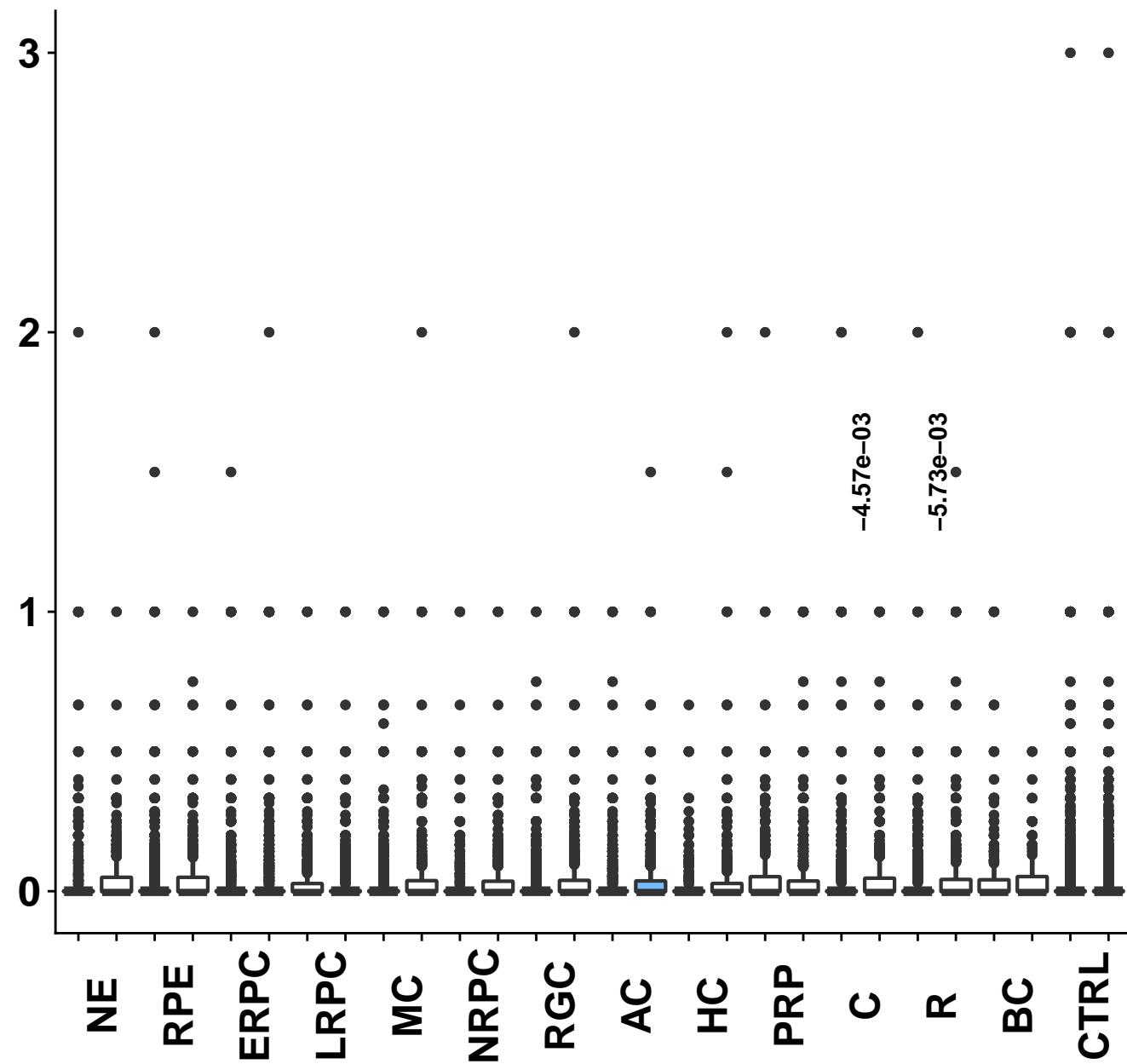
### Tfap2c\_3\_mean



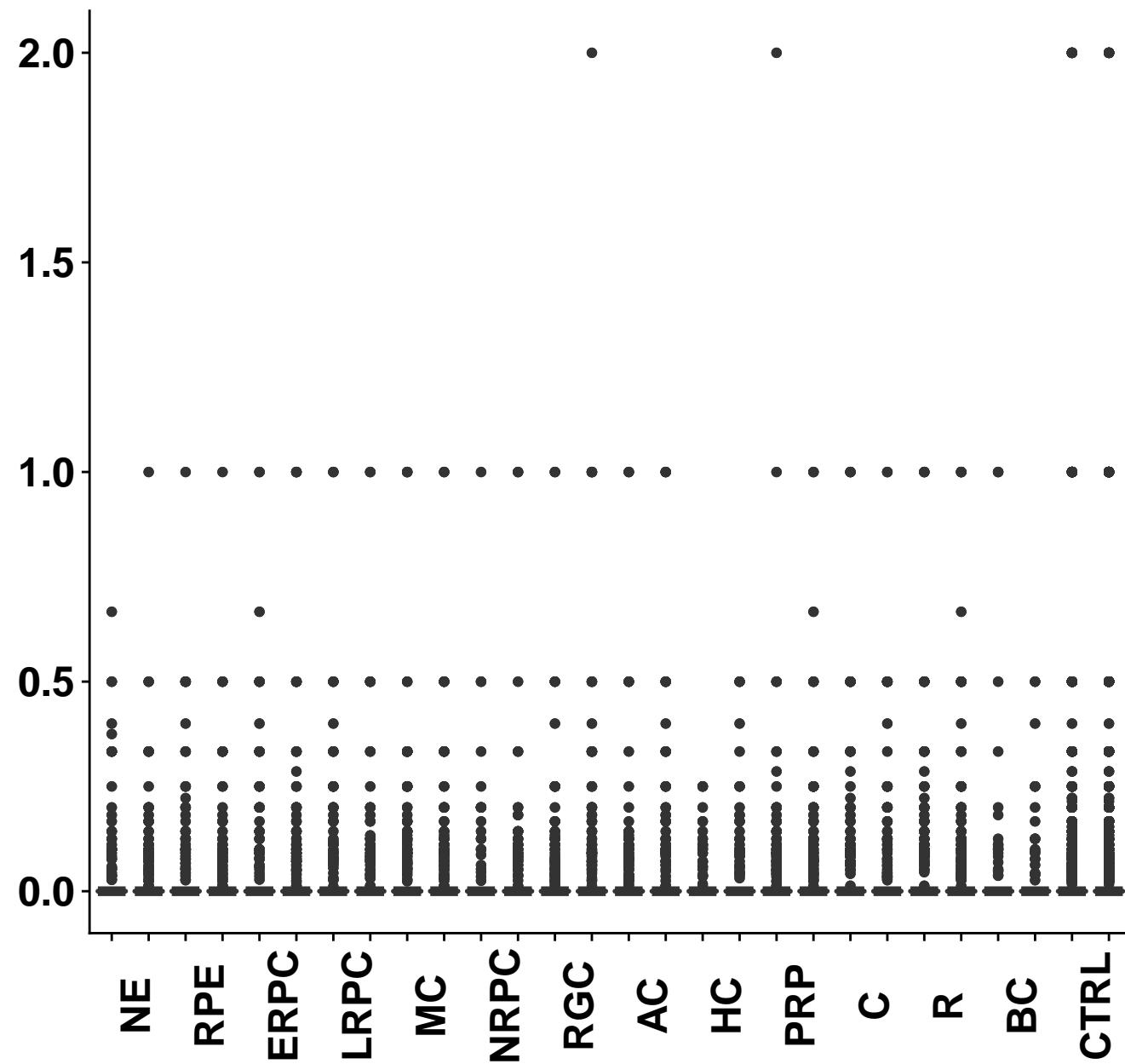
## Tfap2c\_4\_mean



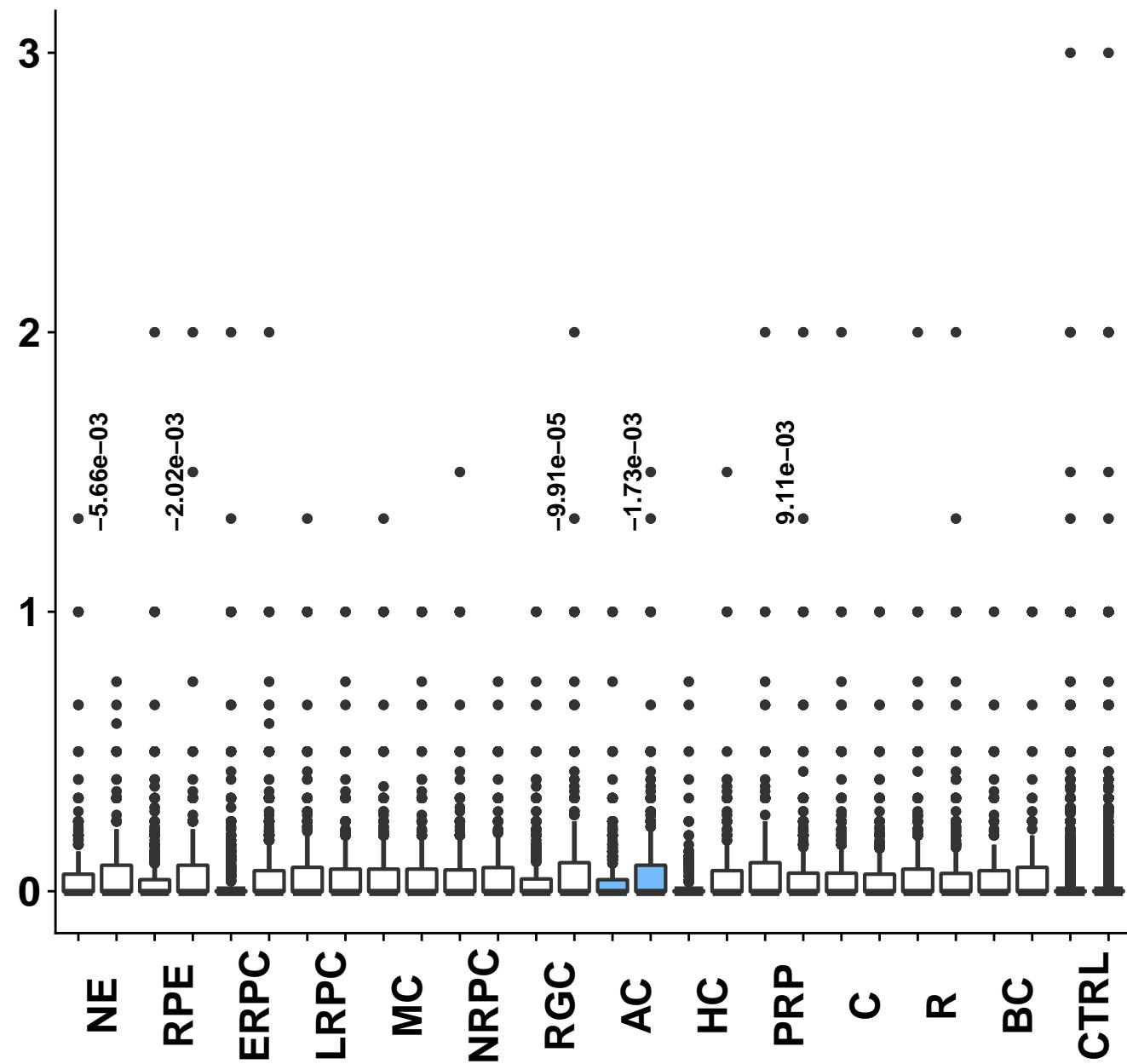
## Zbtb12\_1\_mean



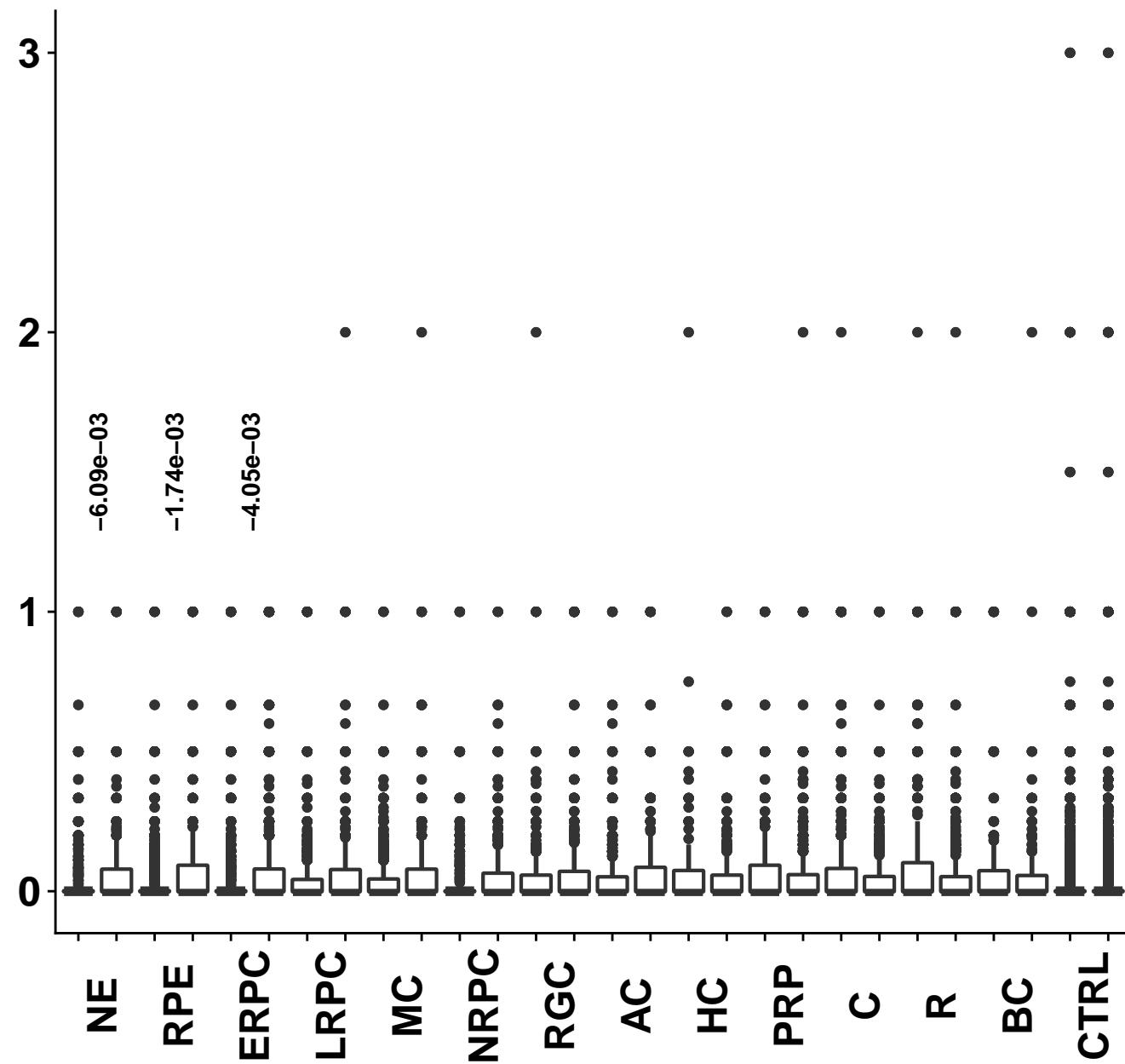
## Zbtb12\_2\_mean



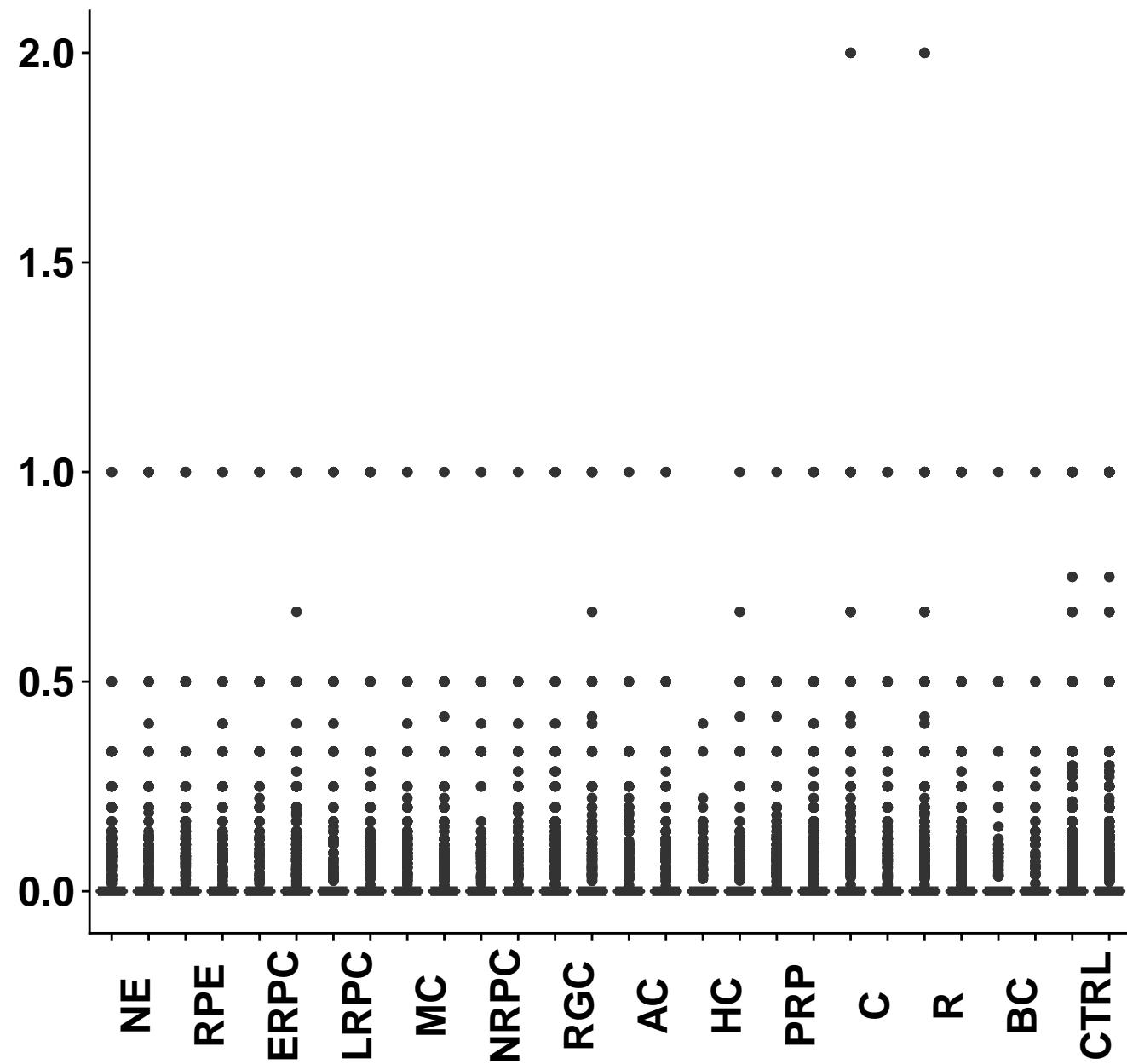
## Zbtb12\_3\_mean



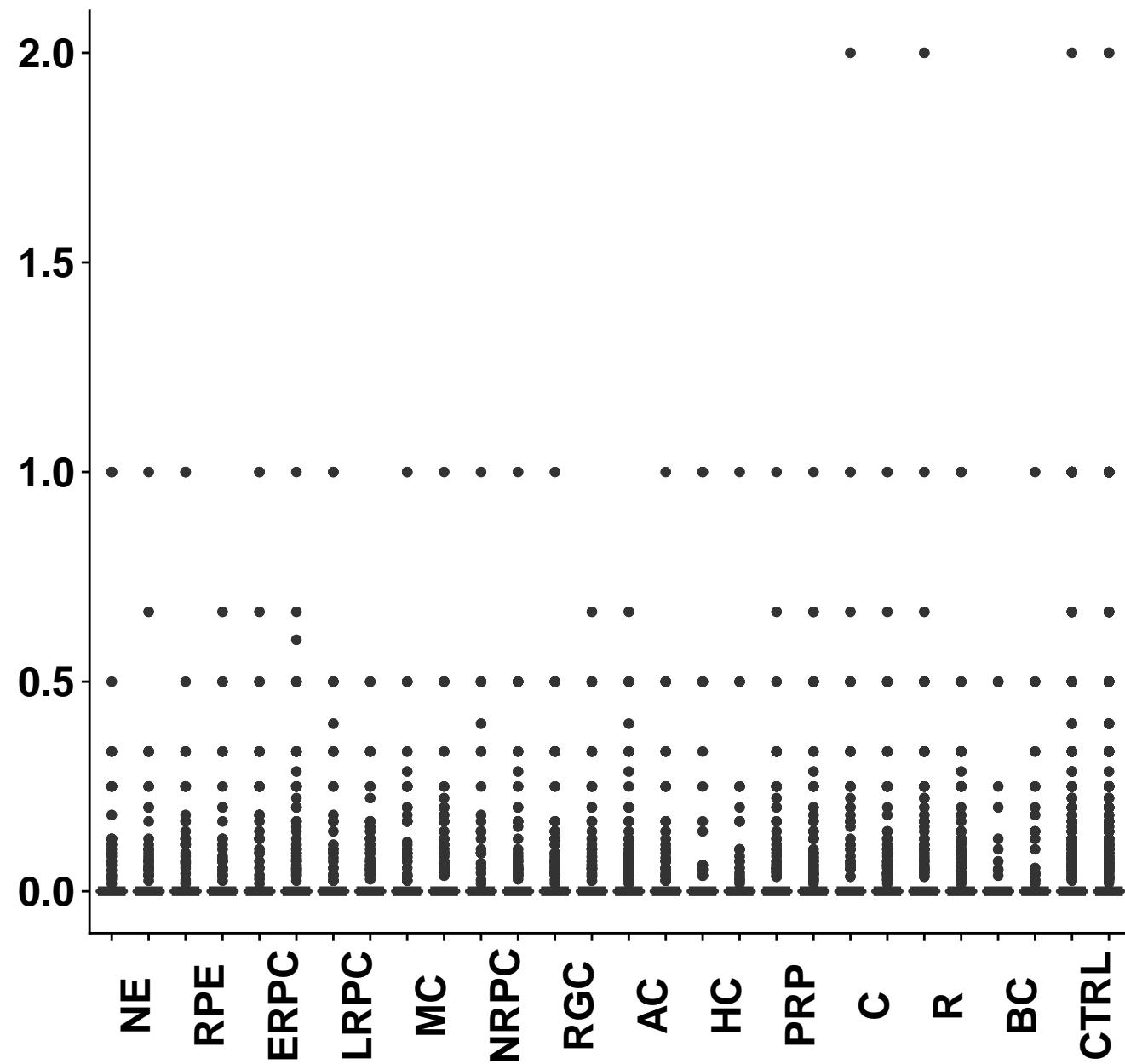
## Esrrb\_1\_mean



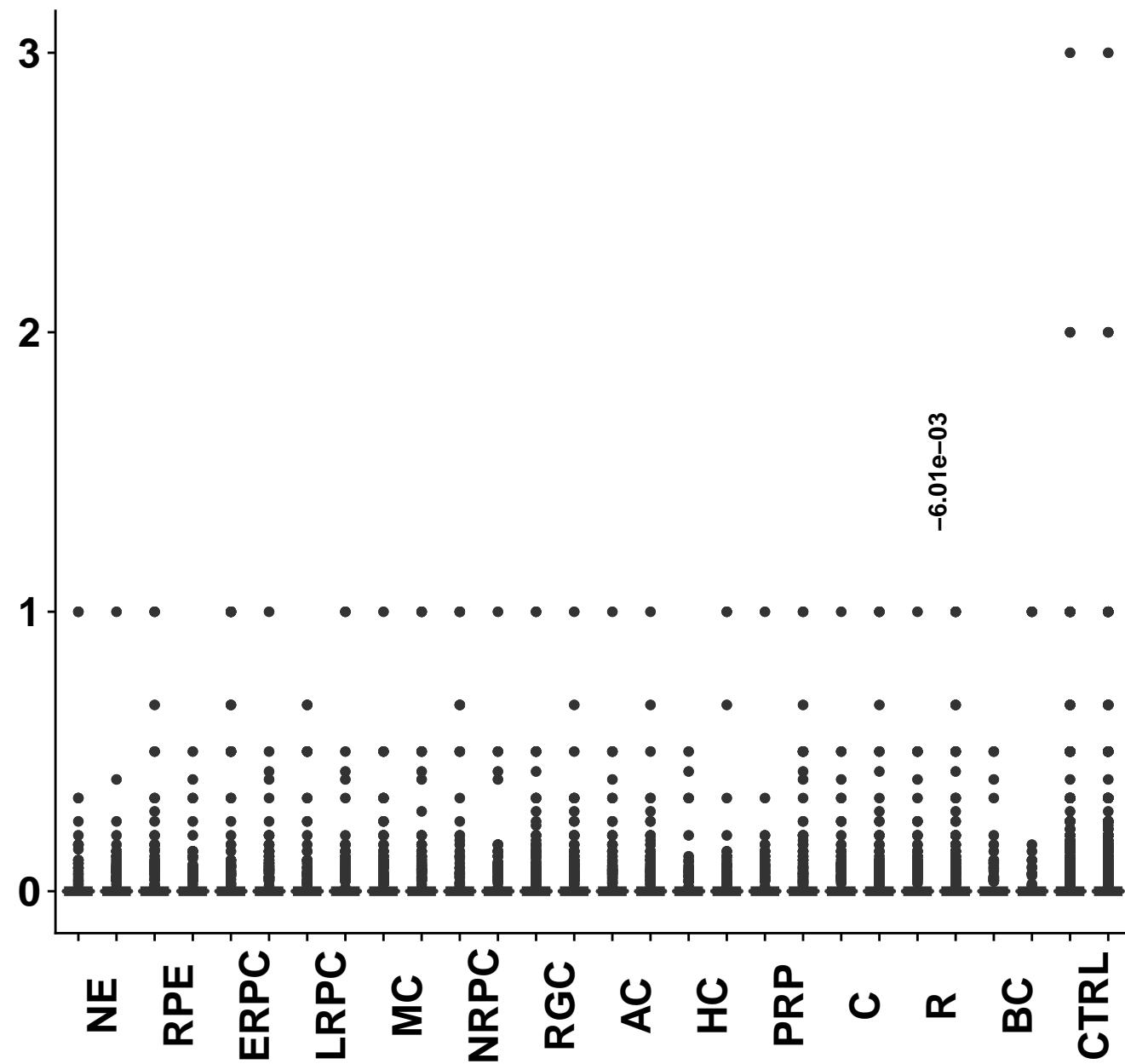
## **Esrrb\_2\_mean**



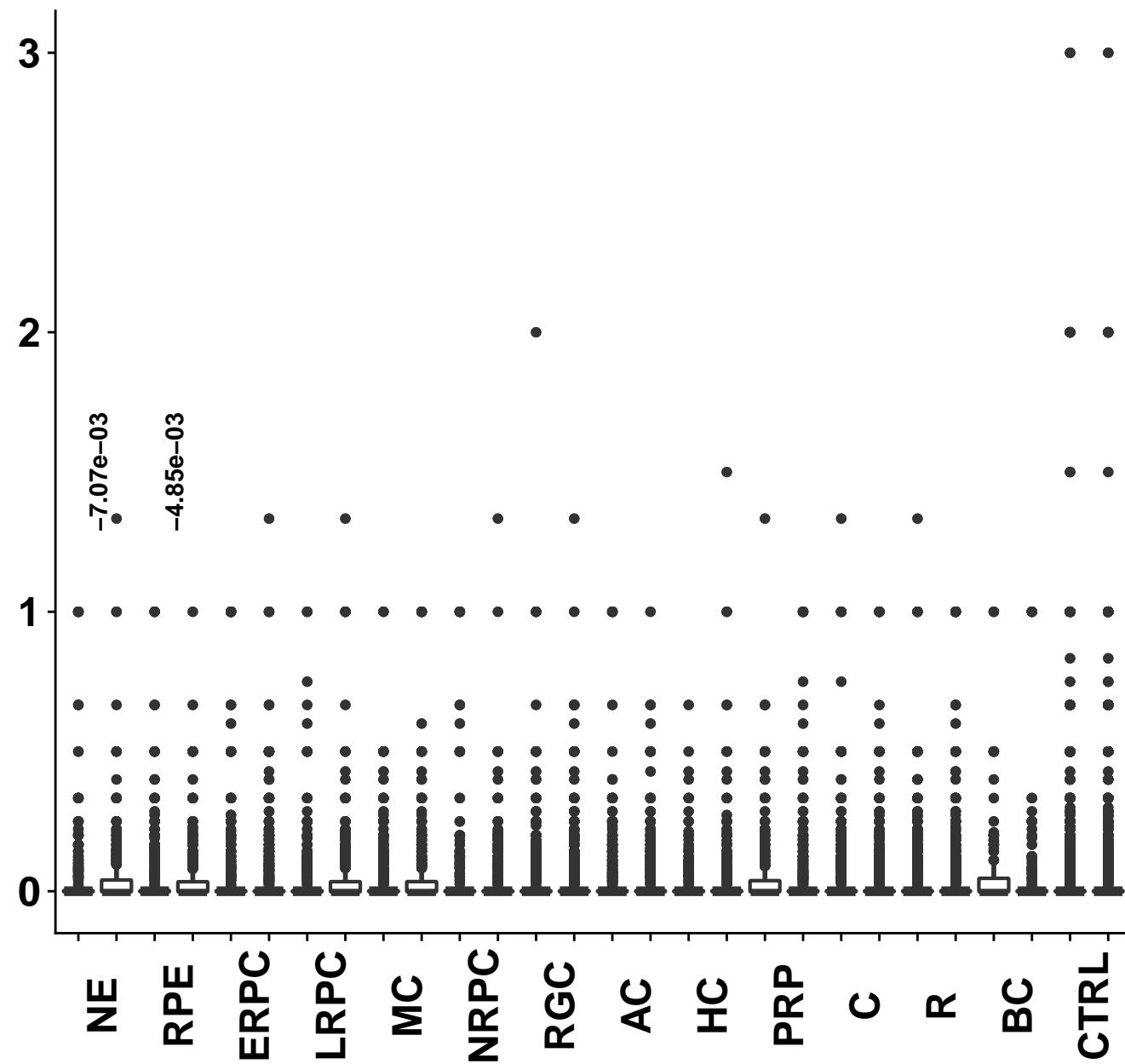
## Prox1\_1\_mean



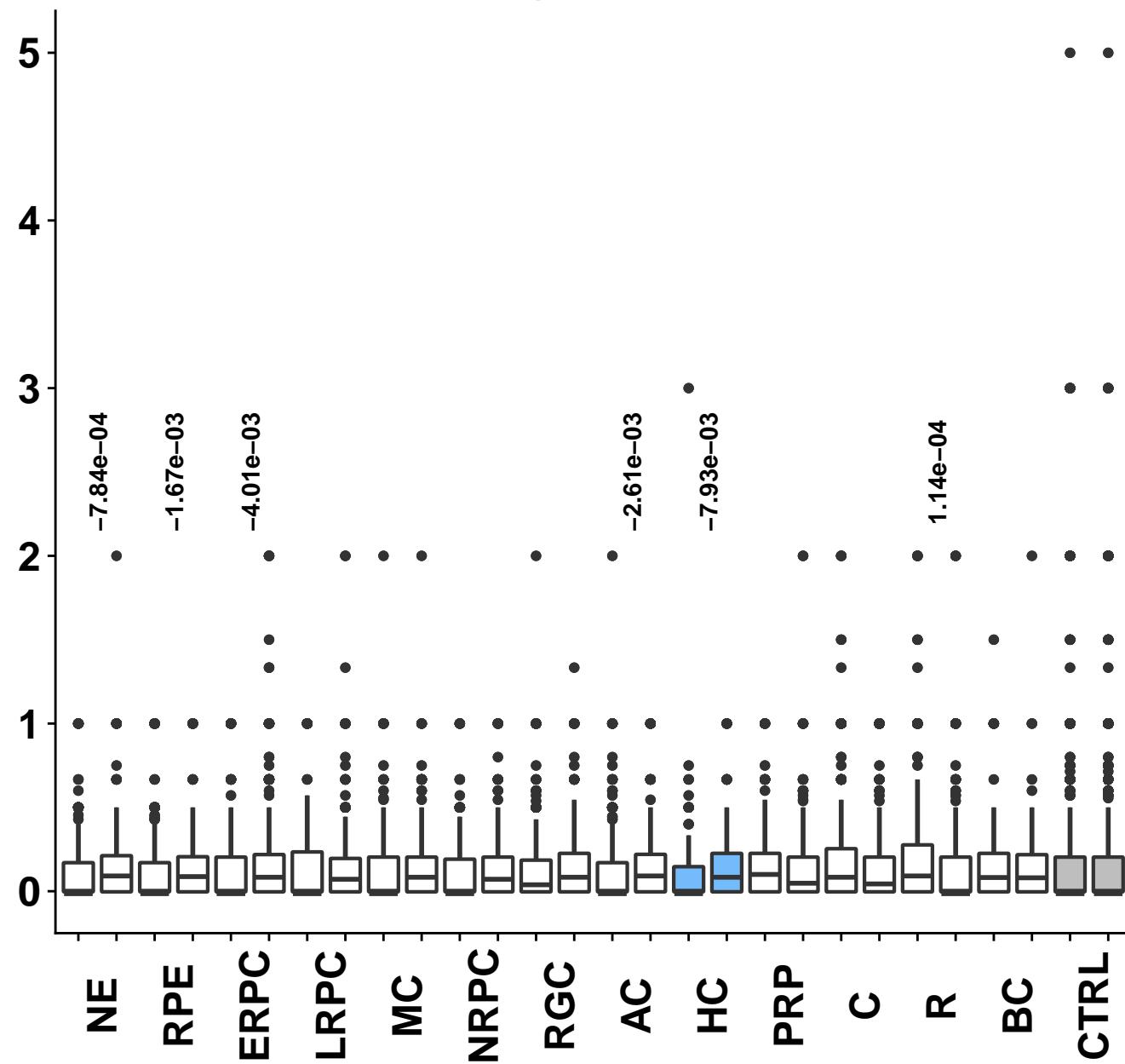
## Cux2\_1\_mean



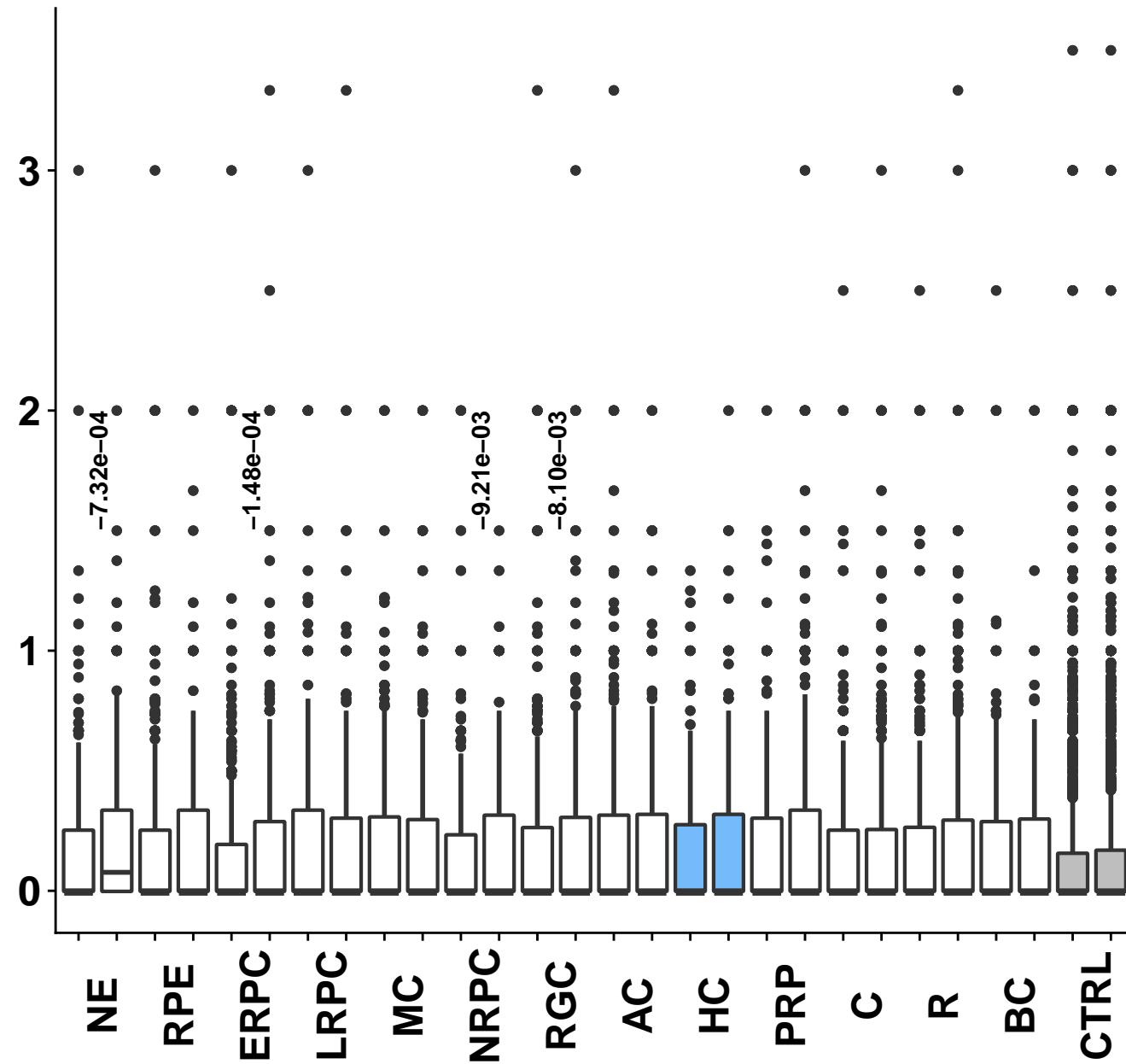
## Cux2\_2\_mean



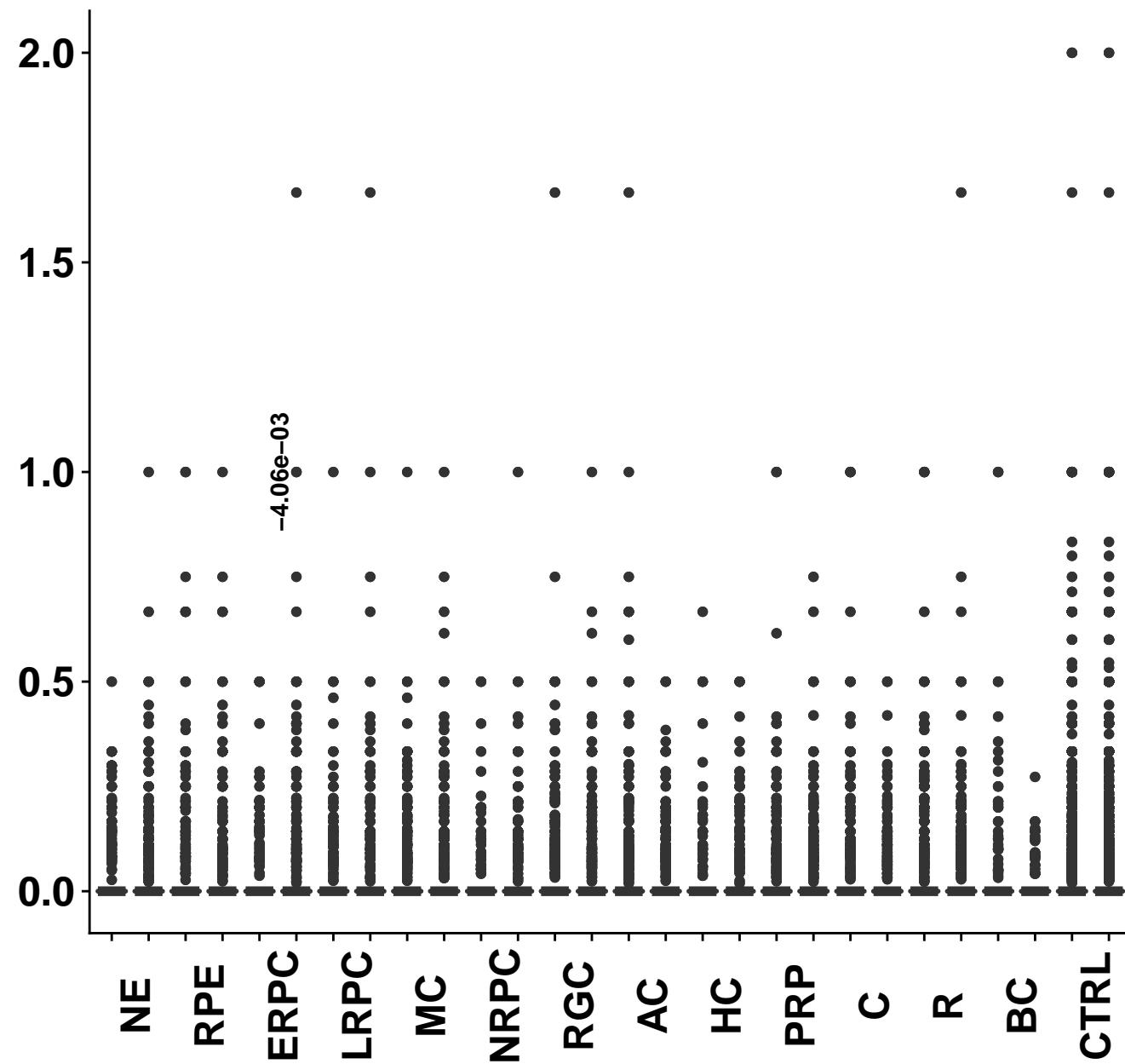
## Esrrg\_1\_mean



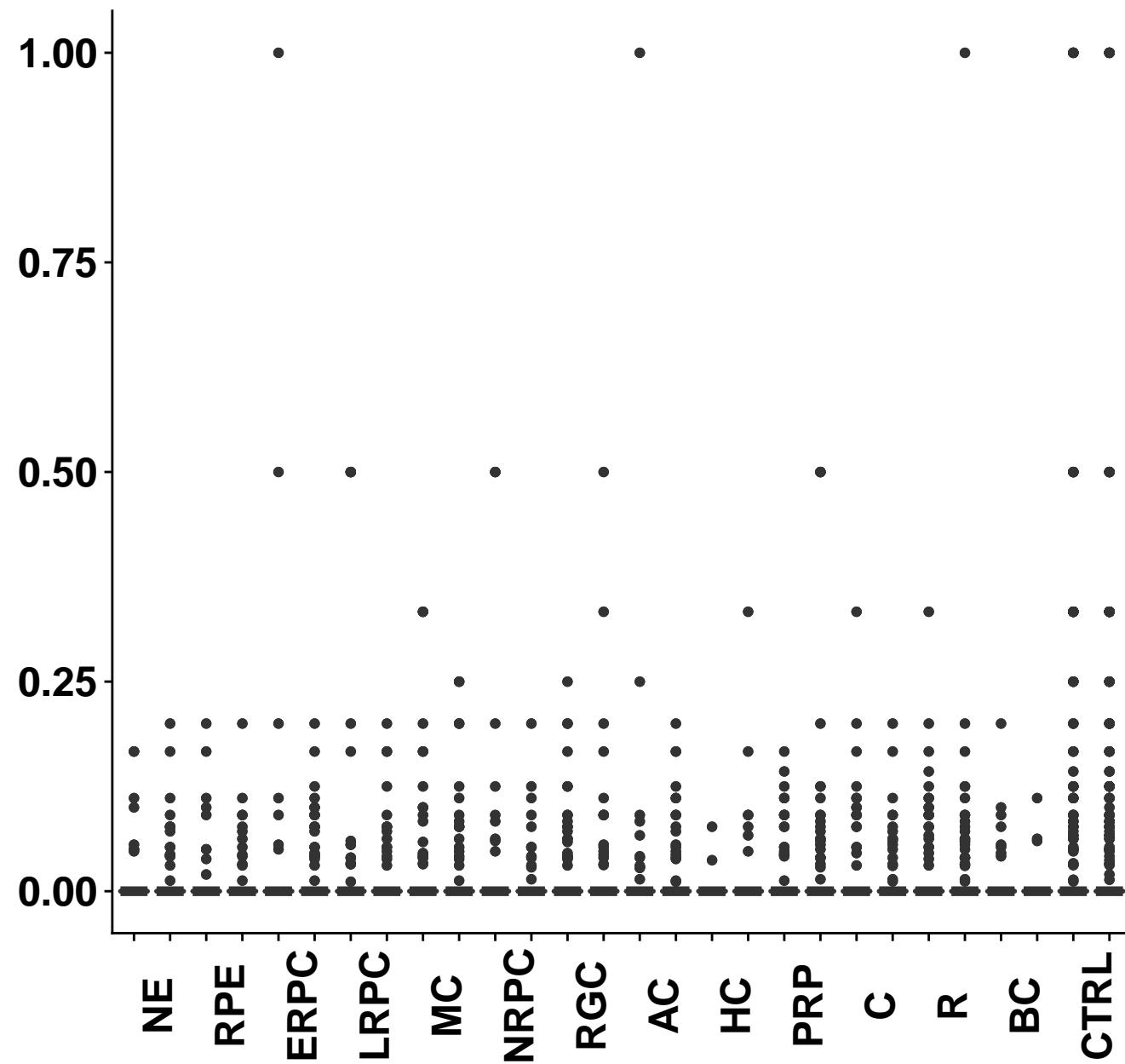
# Lhx1\_1\_mean



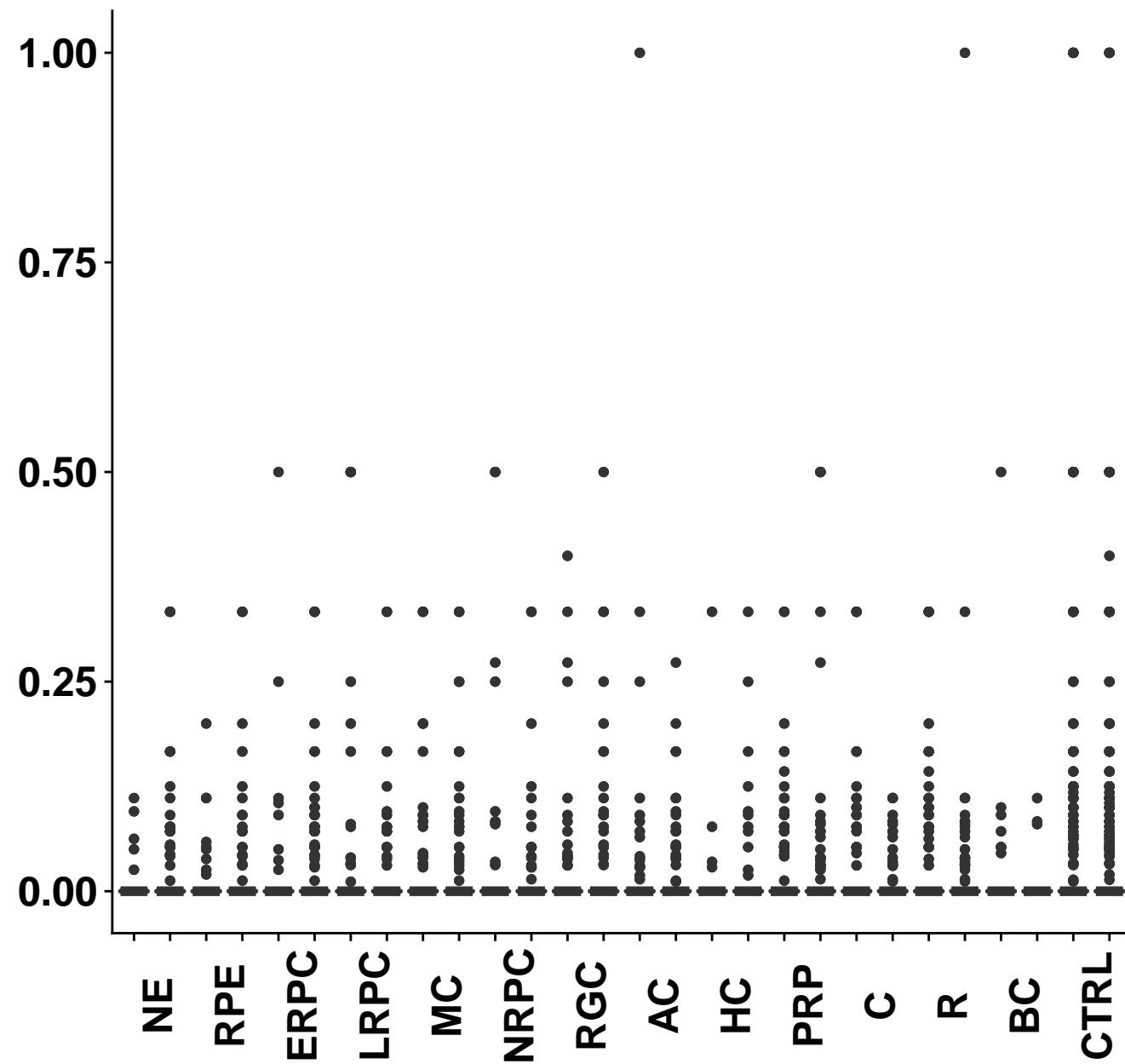
## Lhx1\_2\_mean



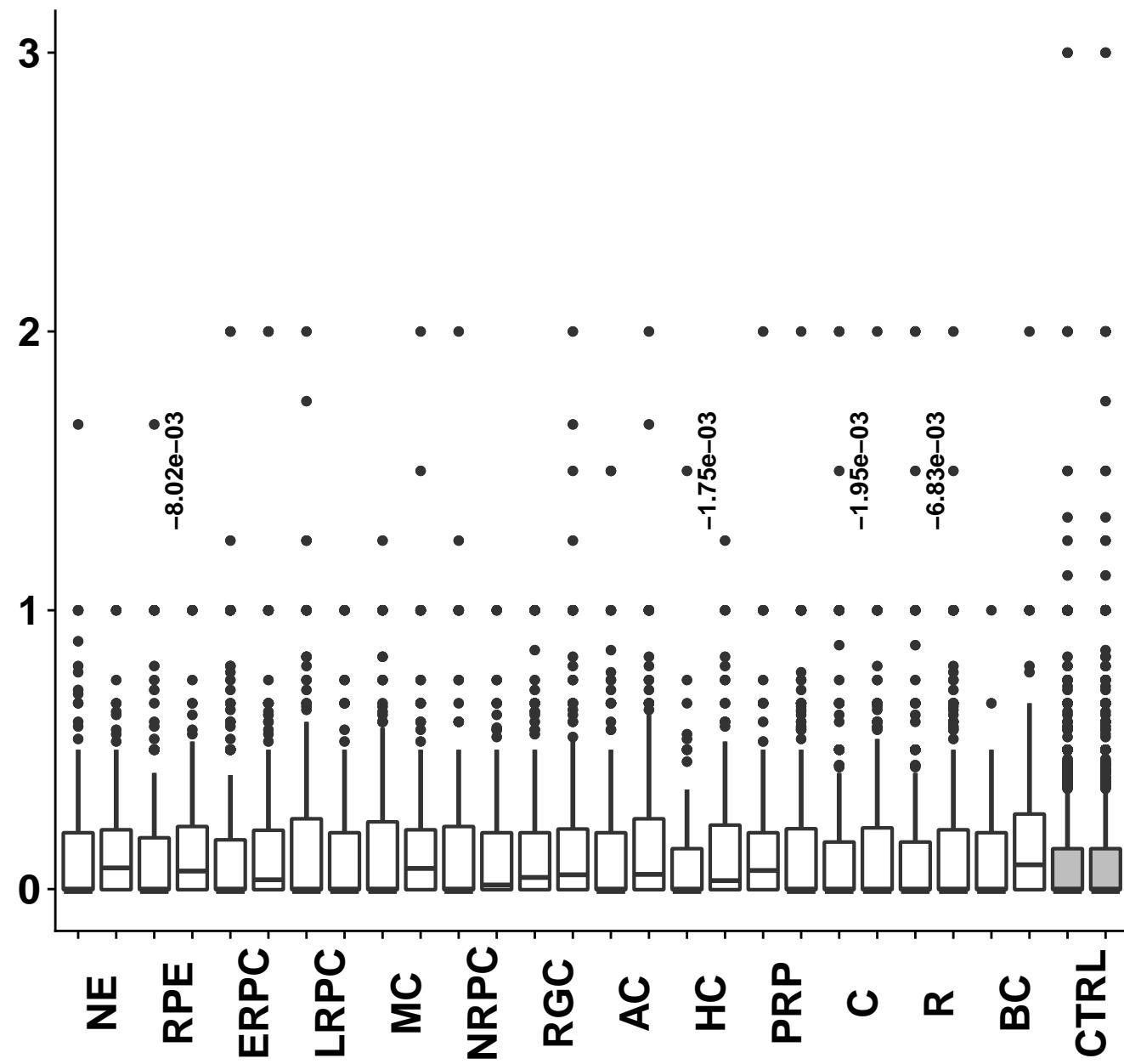
## Onecut1\_1\_mean



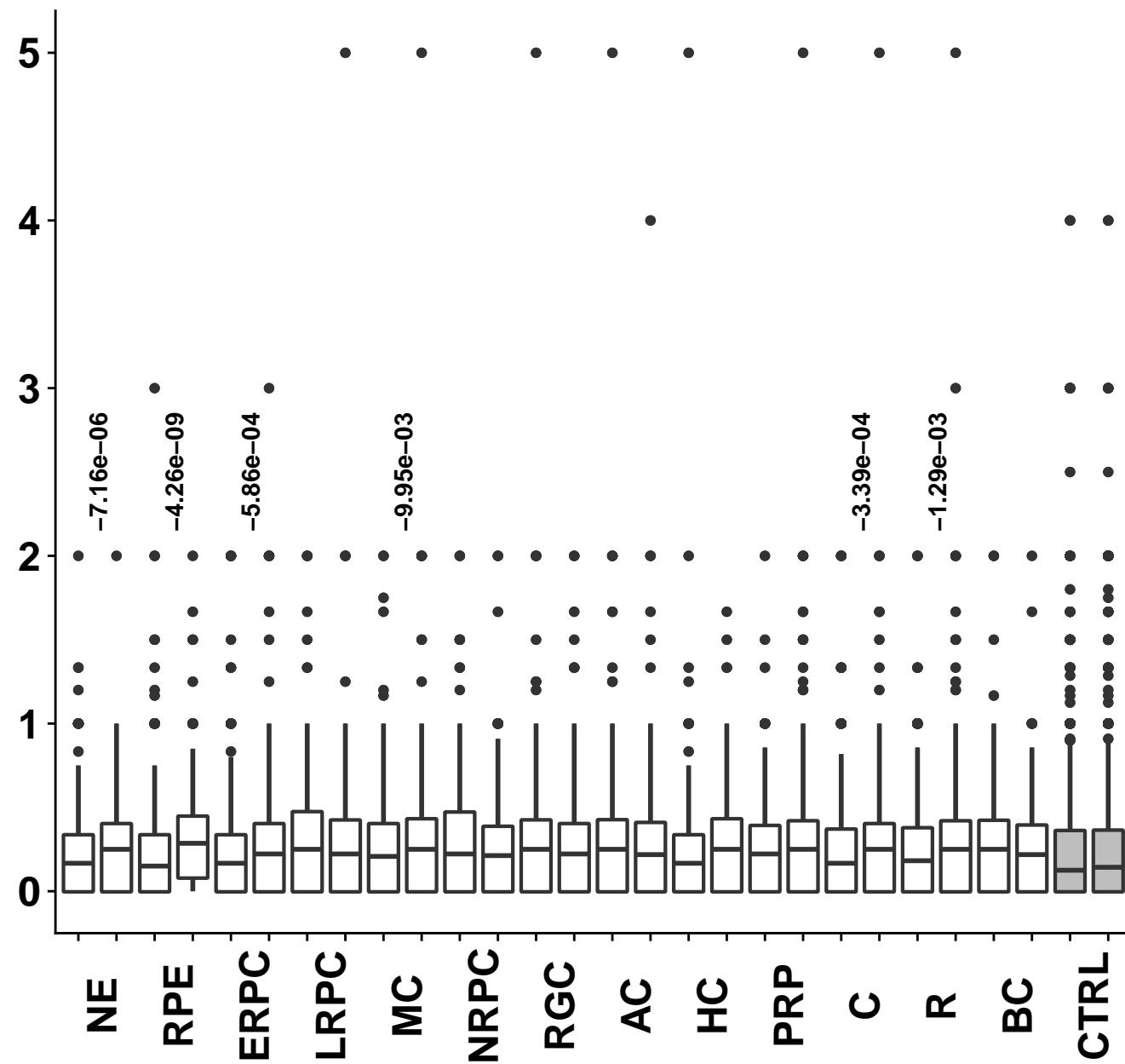
## Onecut3\_1\_mean



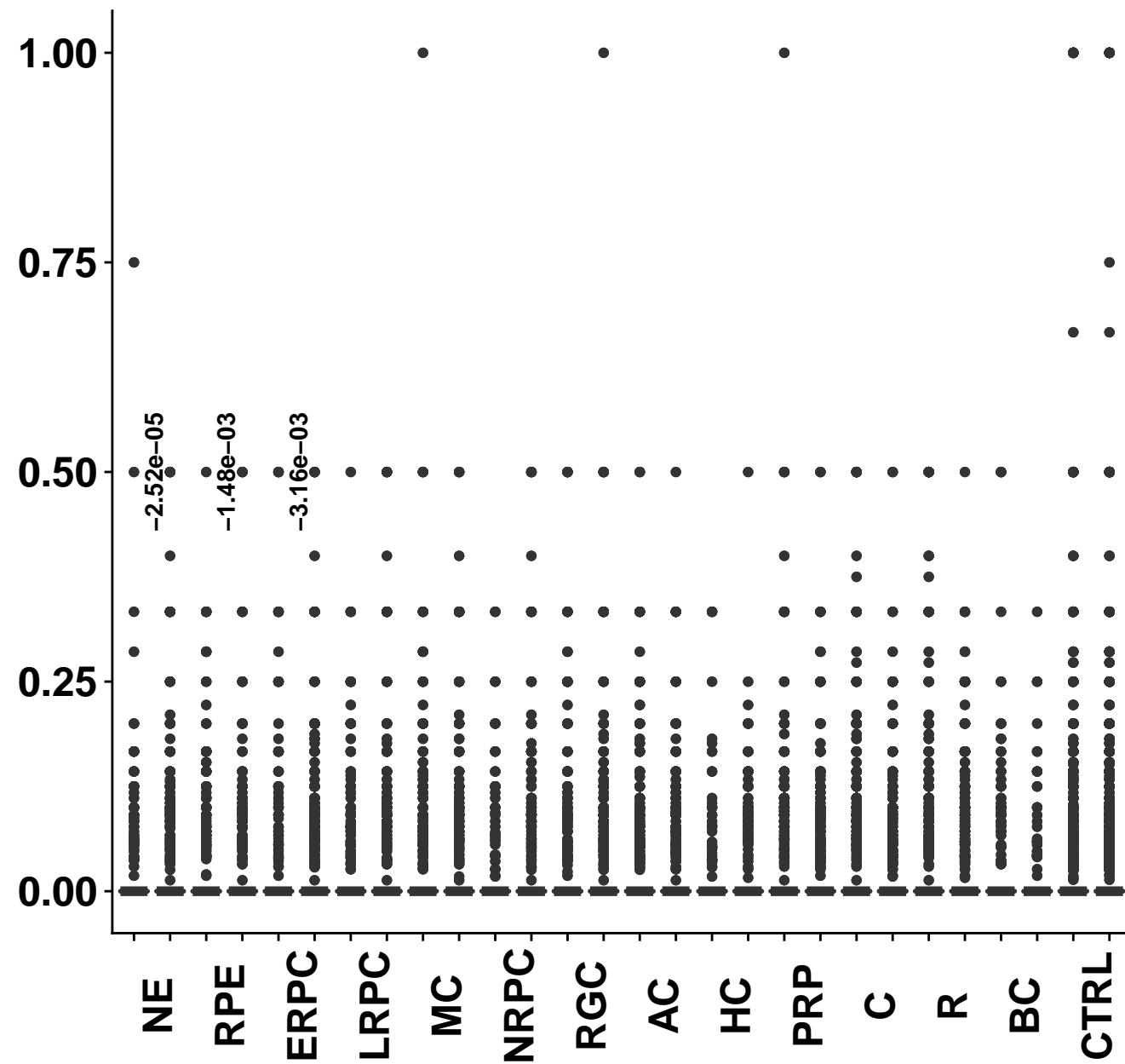
## Sox12\_1\_mean



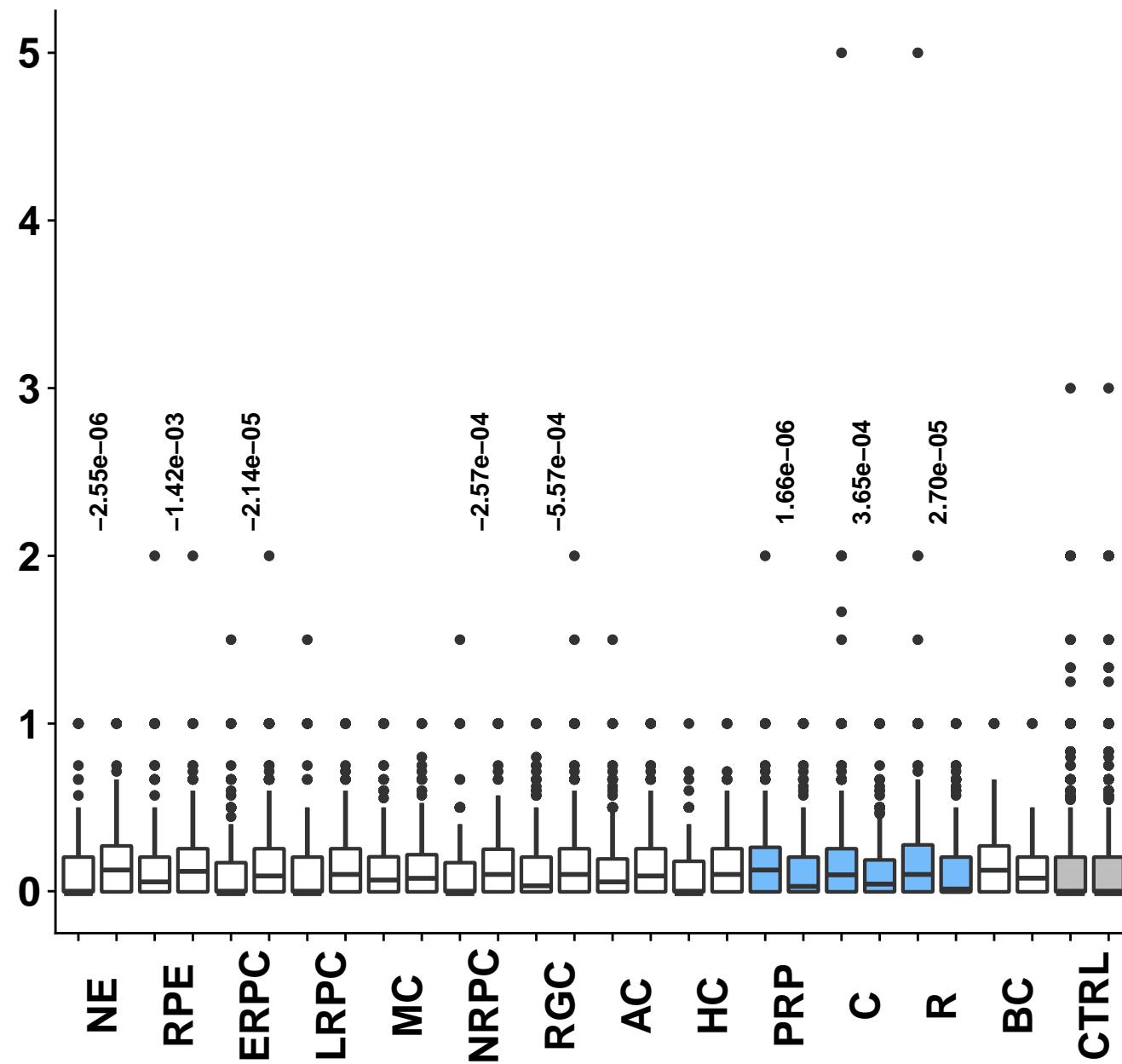
## Sox12\_2\_mean



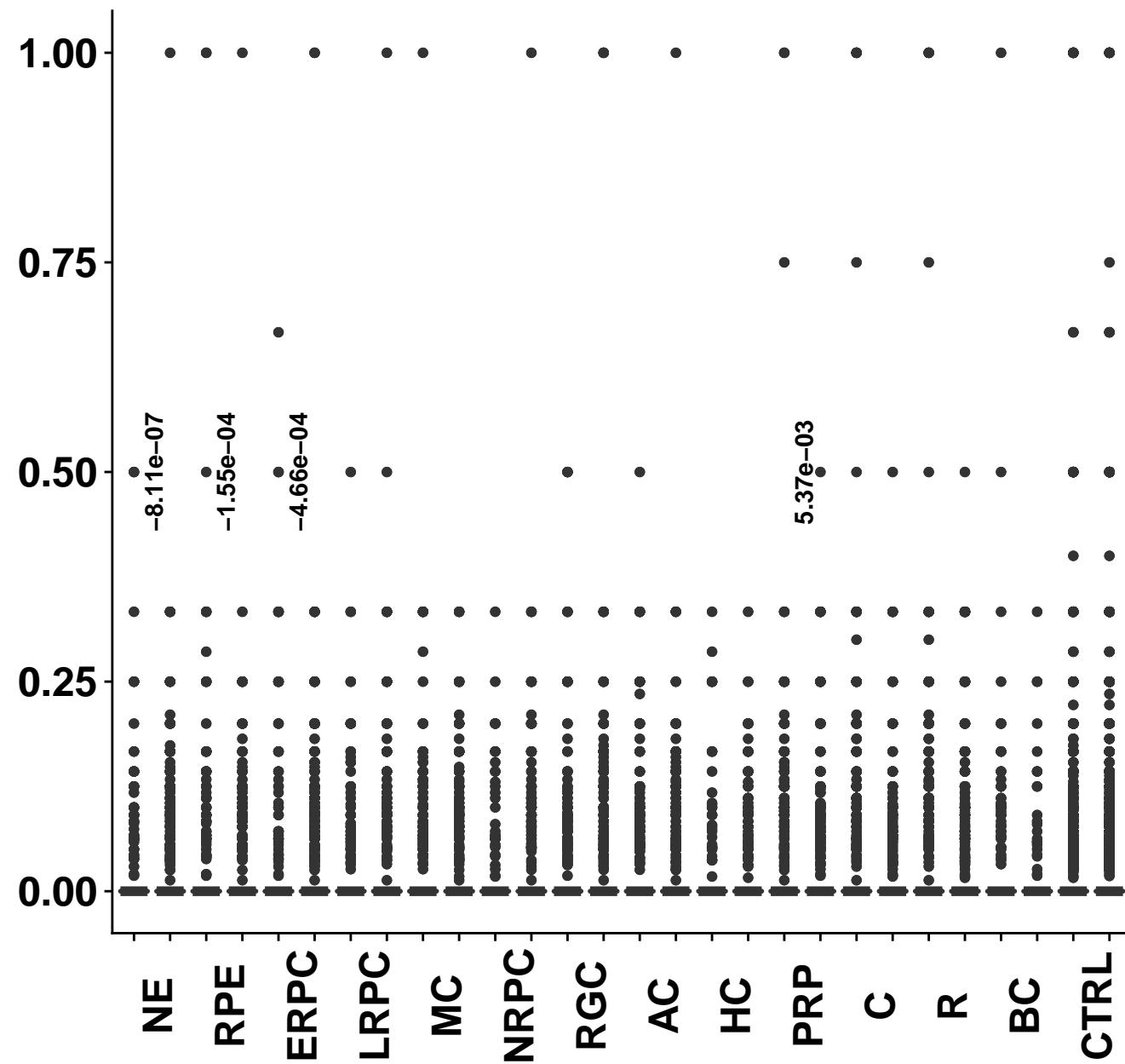
## Rora\_1\_mean



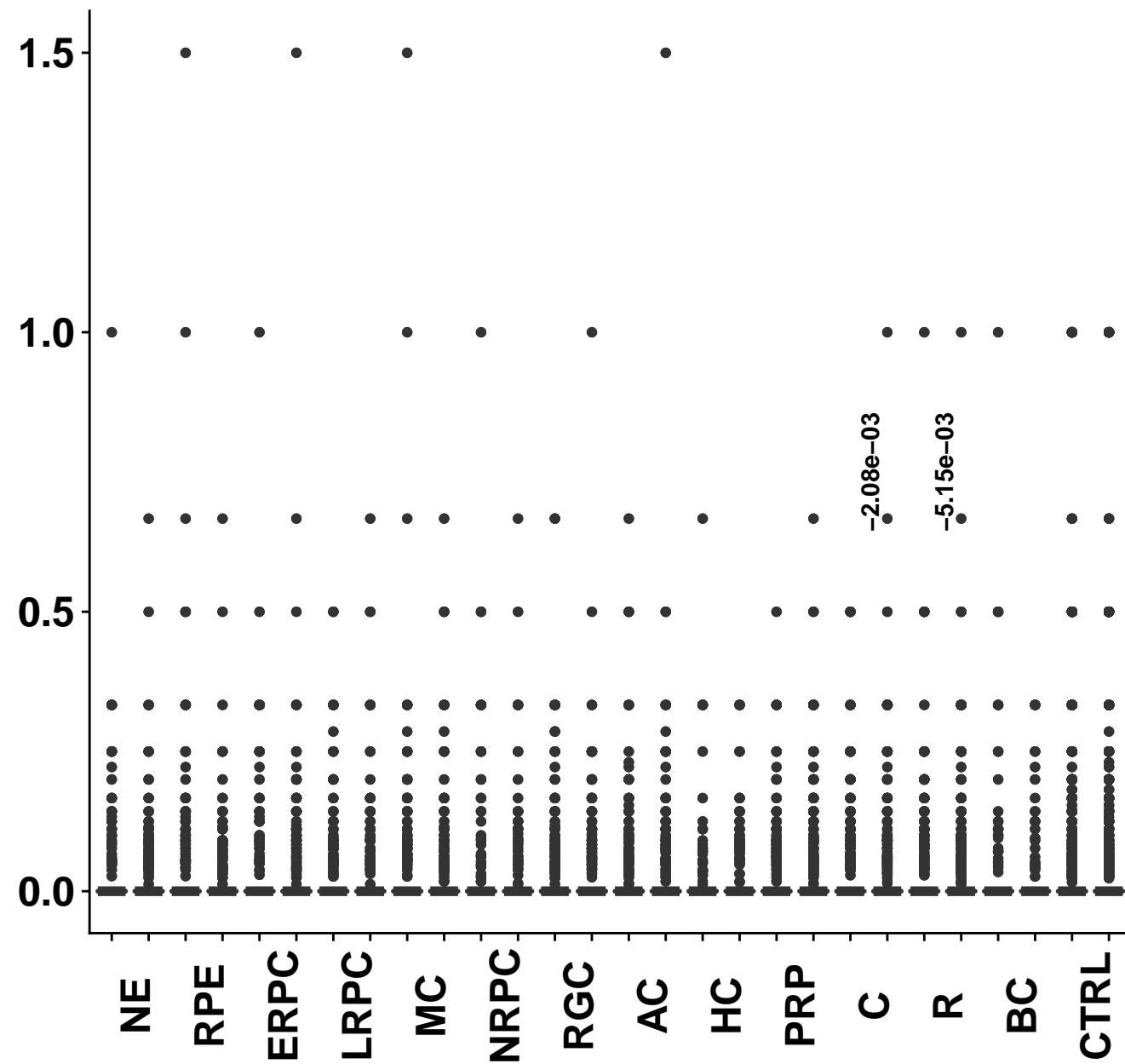
## Rora\_2\_mean



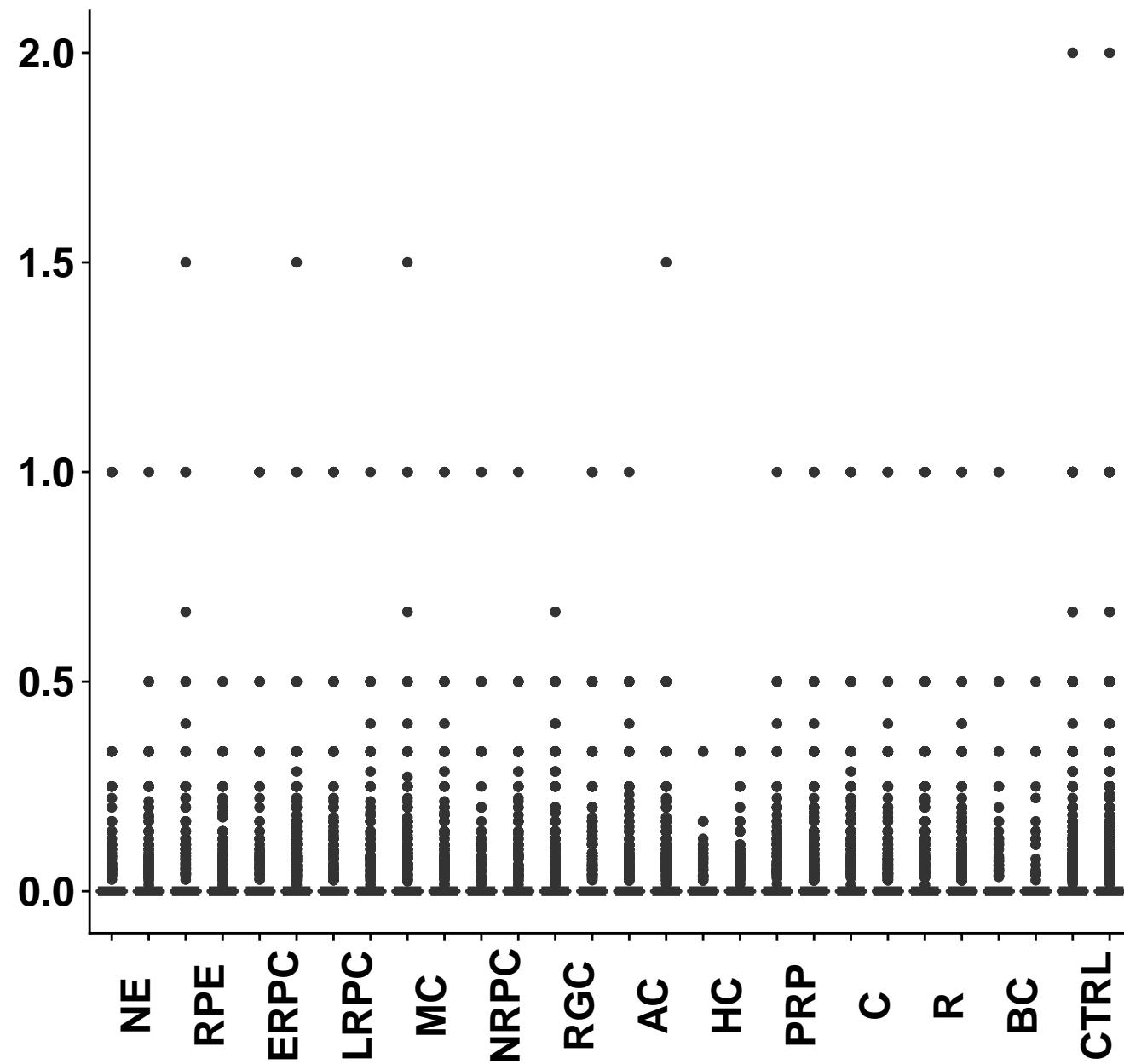
### Rora\_3\_mean



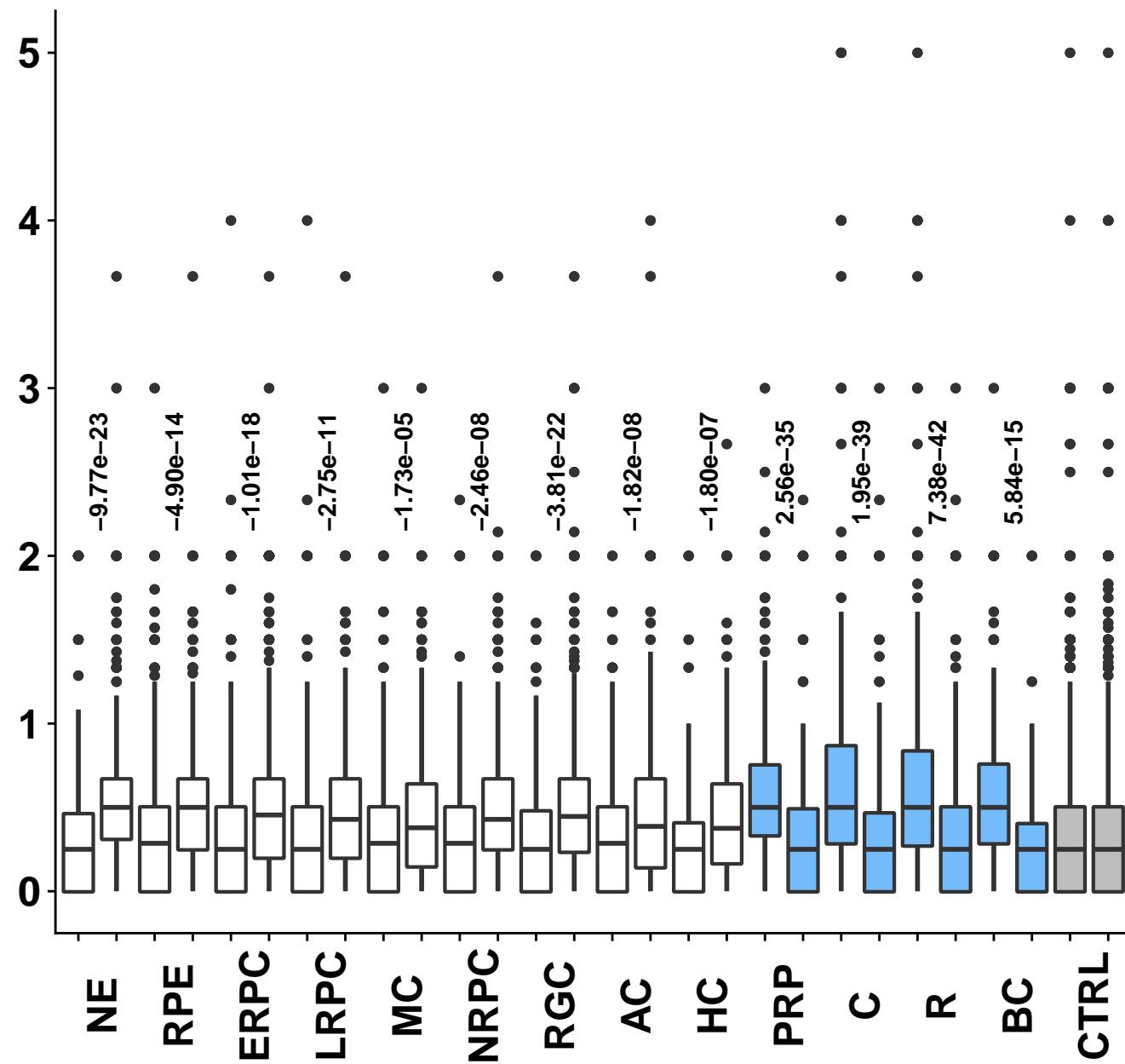
# Atf4\_1\_mean



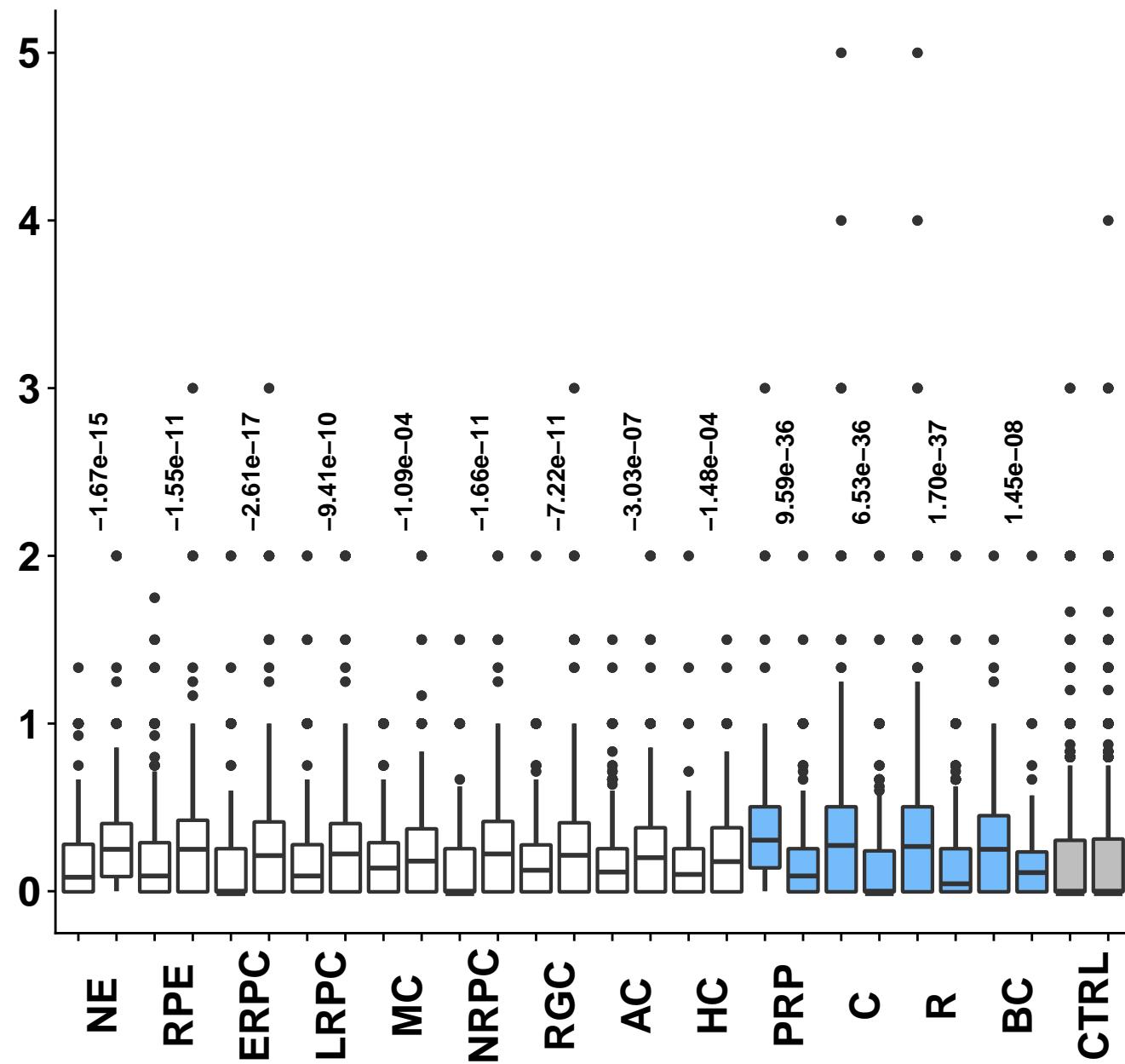
## Atf4\_2\_mean



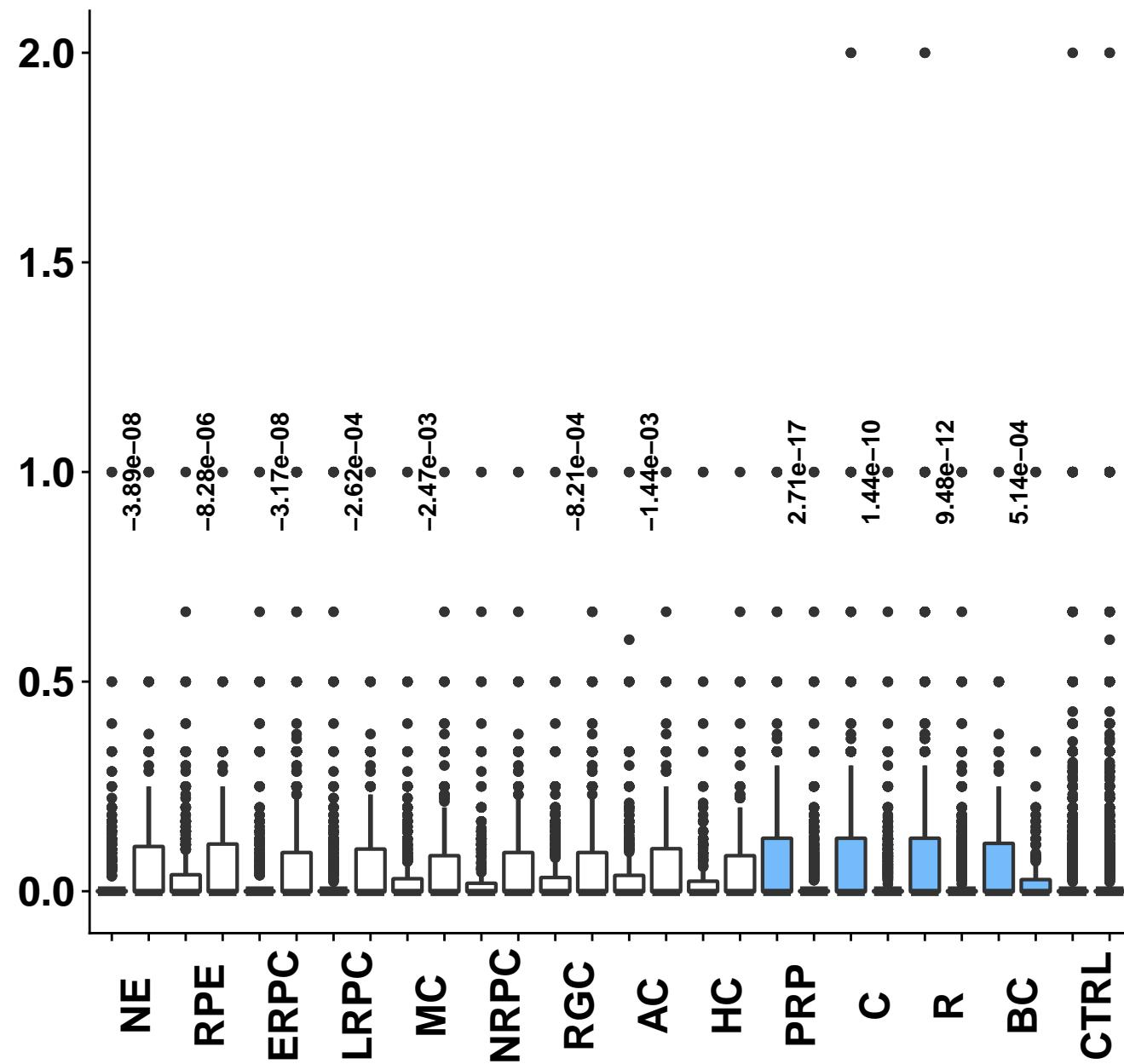
## Crx\_1\_mean



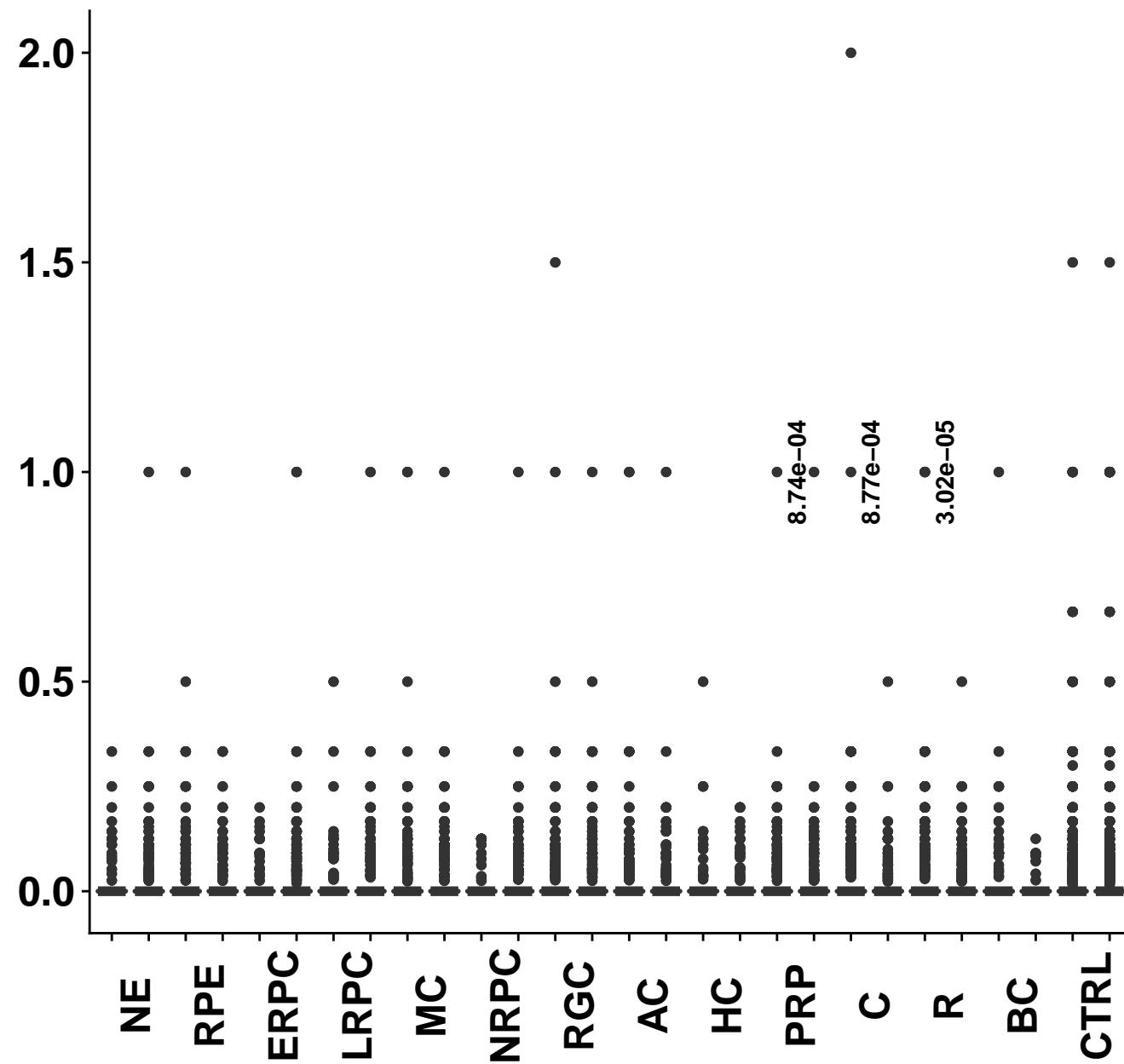
## Crx\_2\_mean

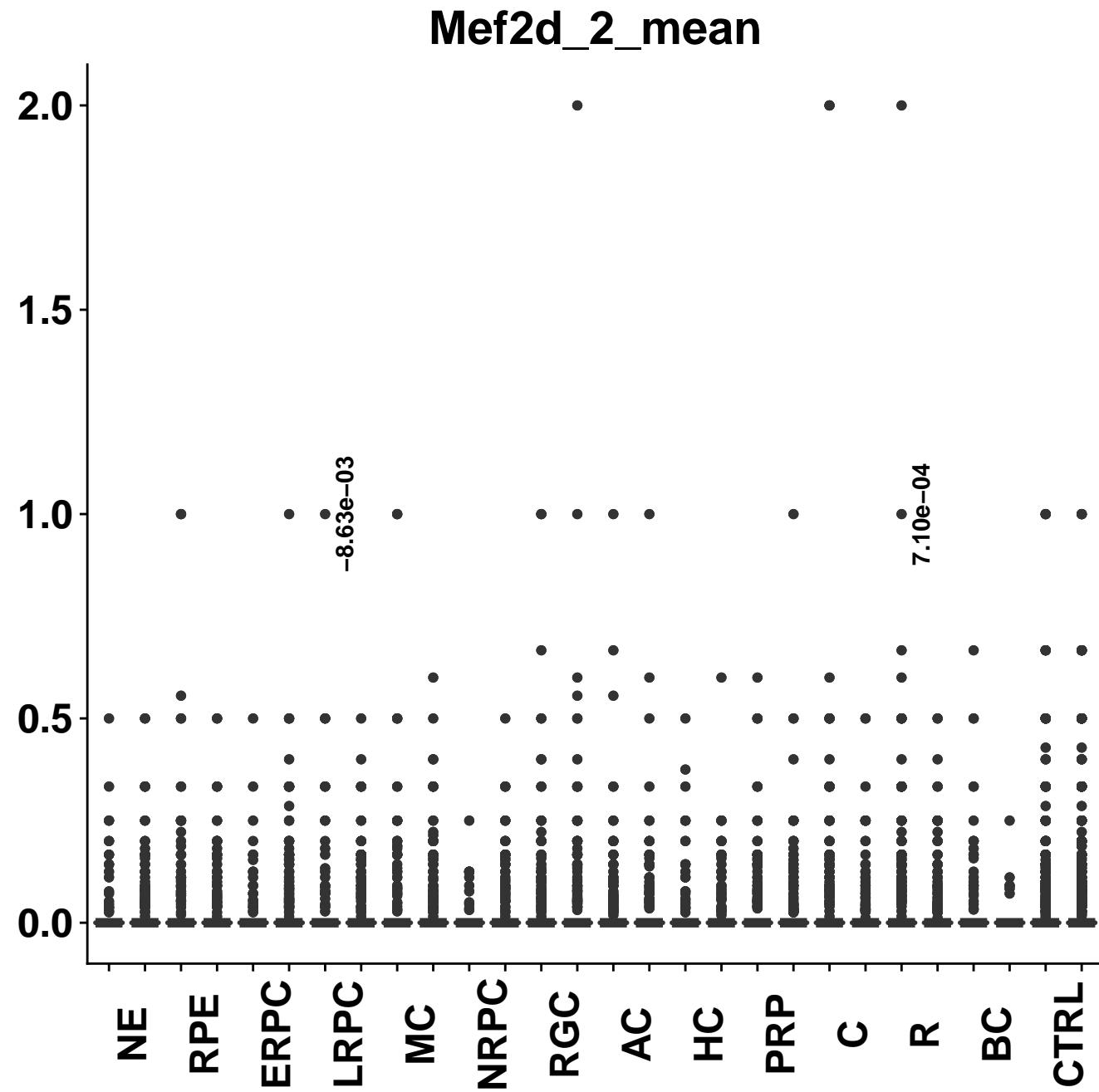


### Crx\_3\_mean

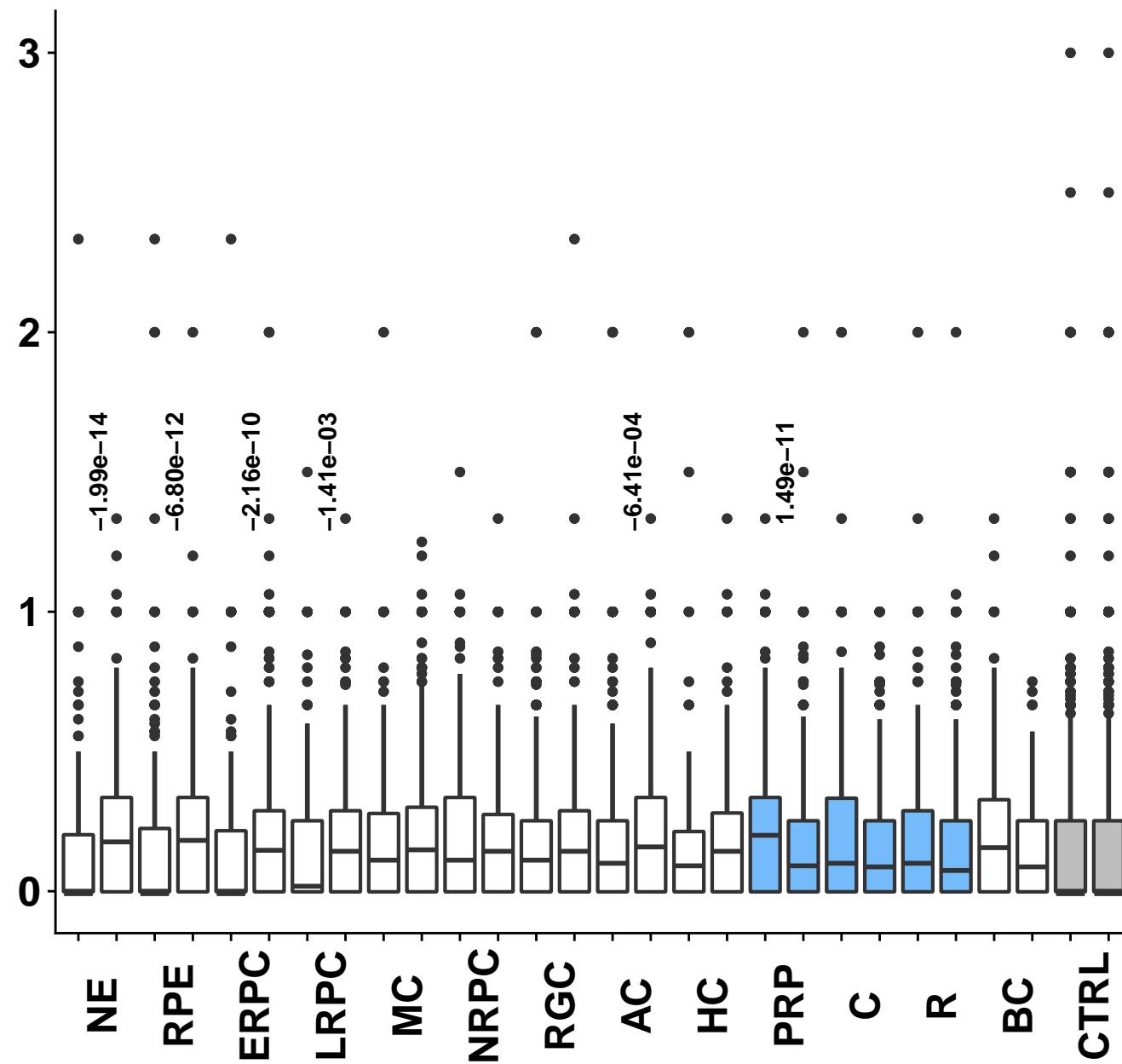


## Mef2d\_1\_mean

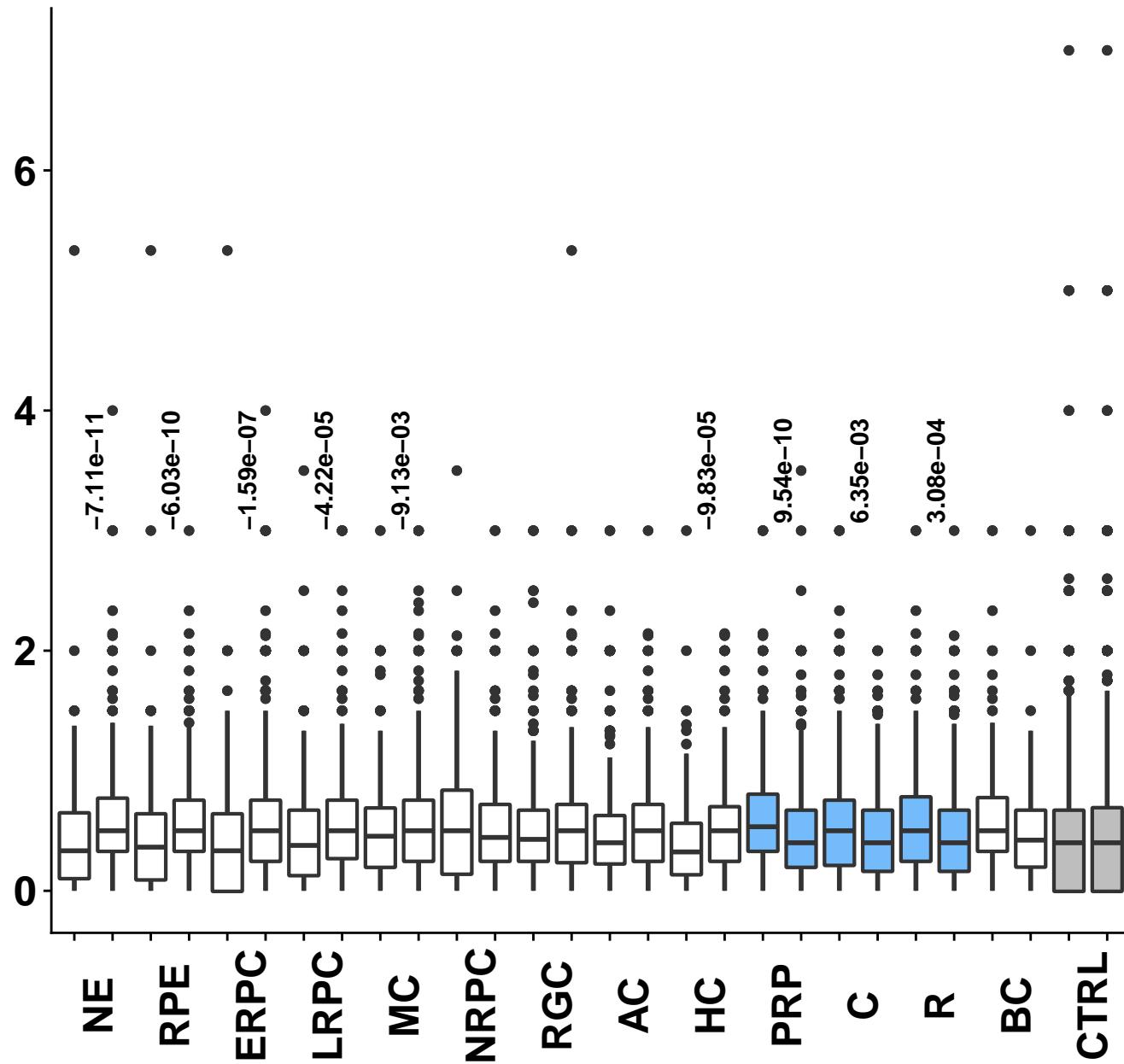




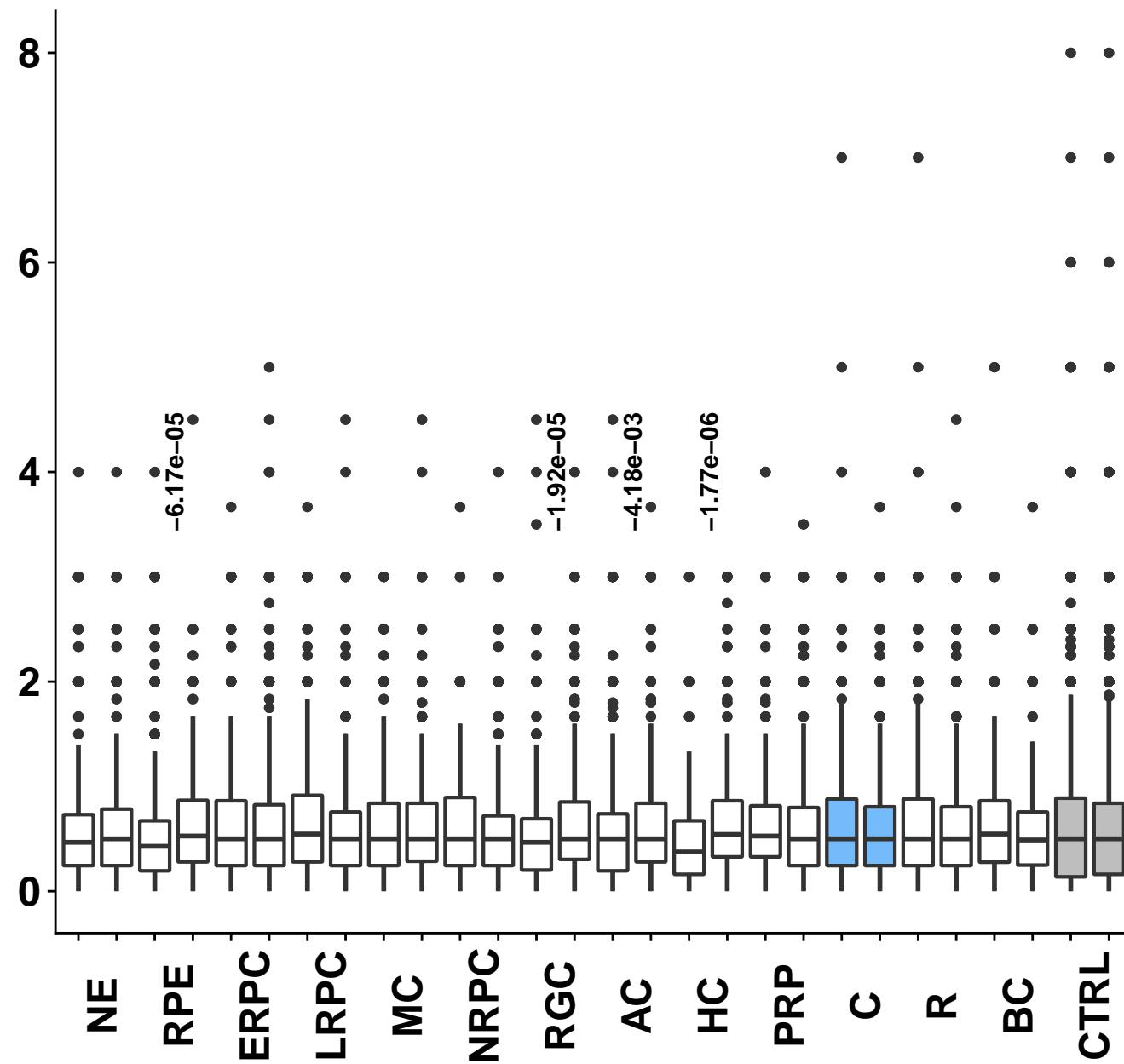
## Neurod1\_1\_mean

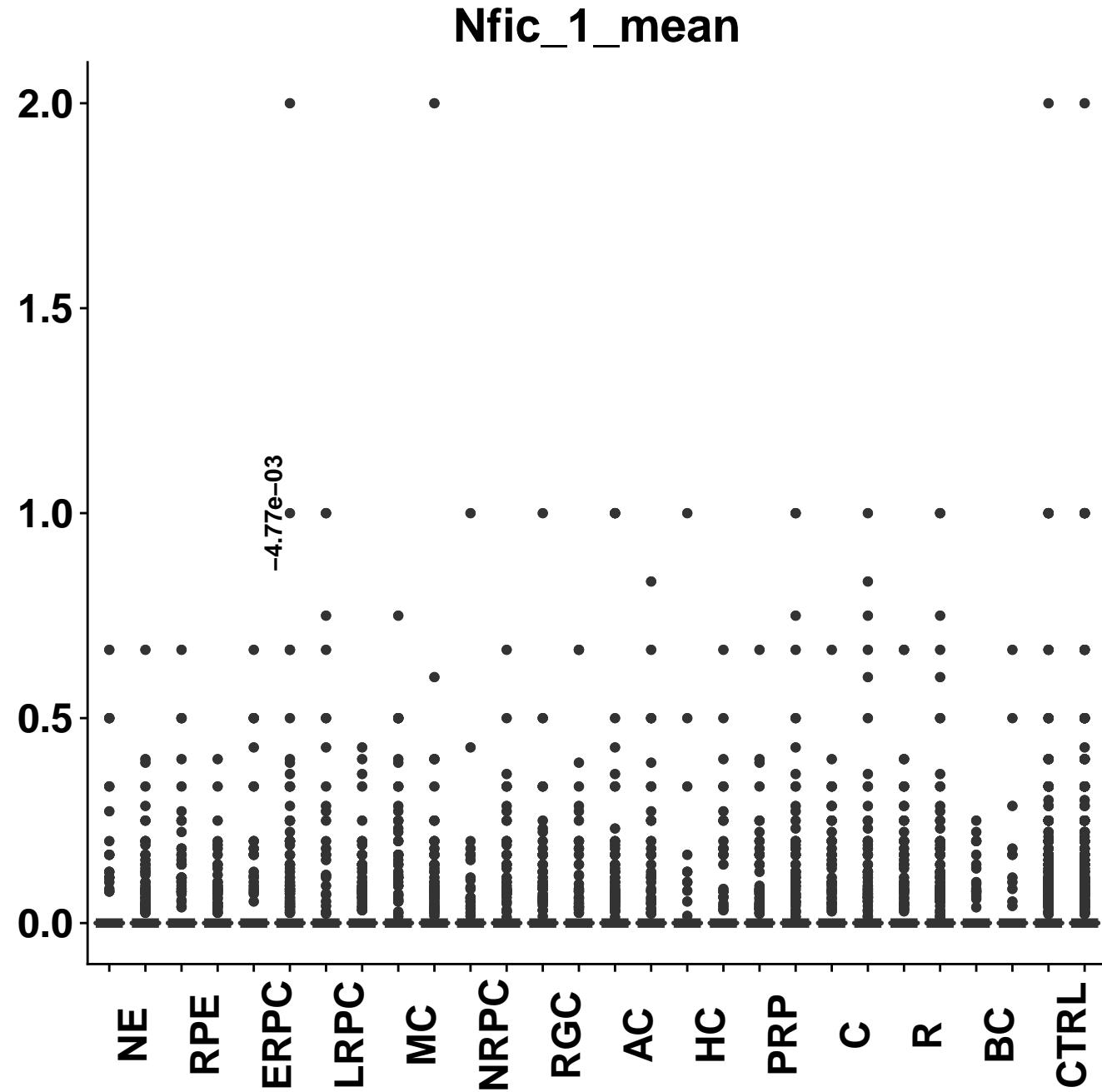


## Neurod1\_2\_mean

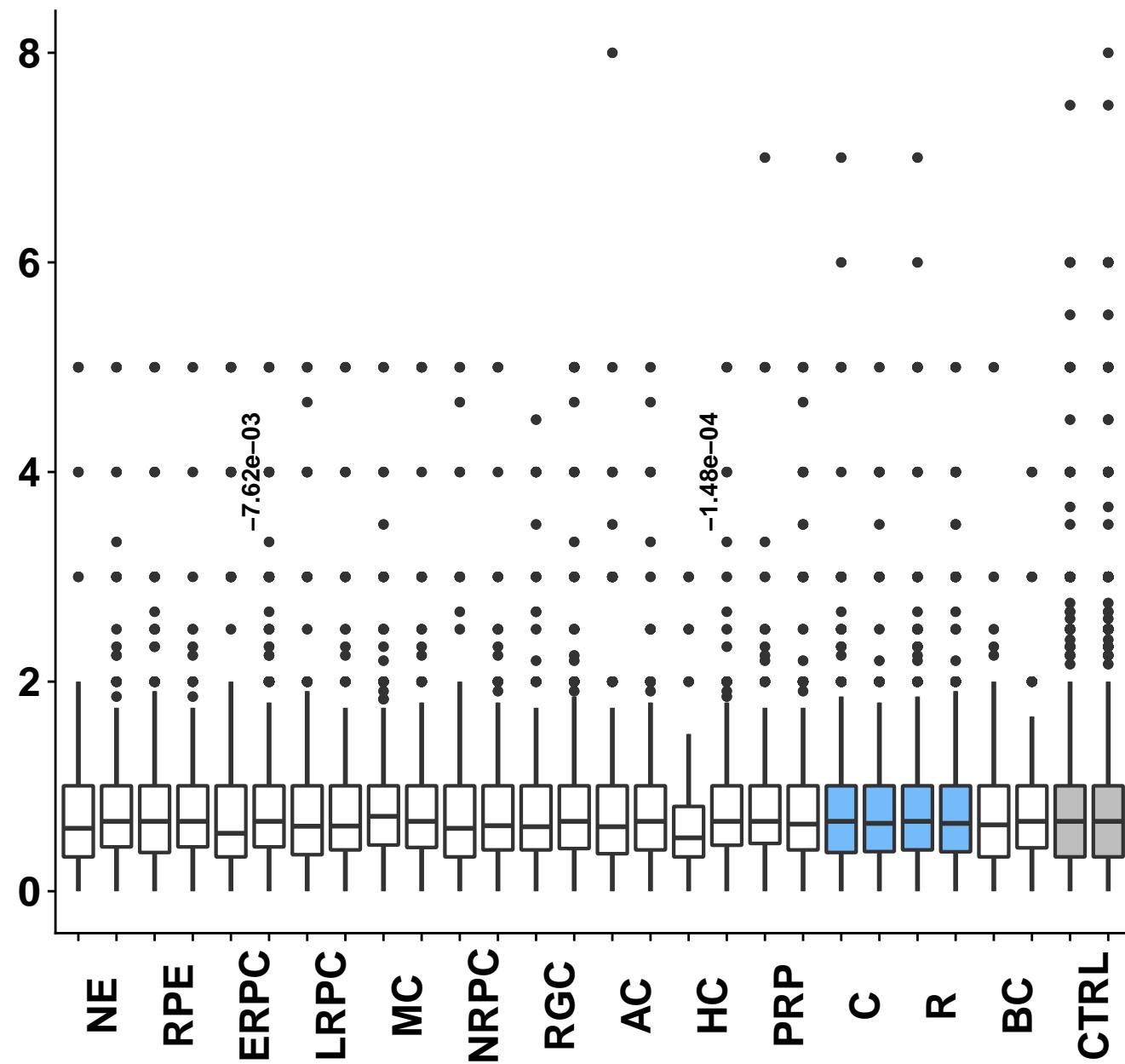


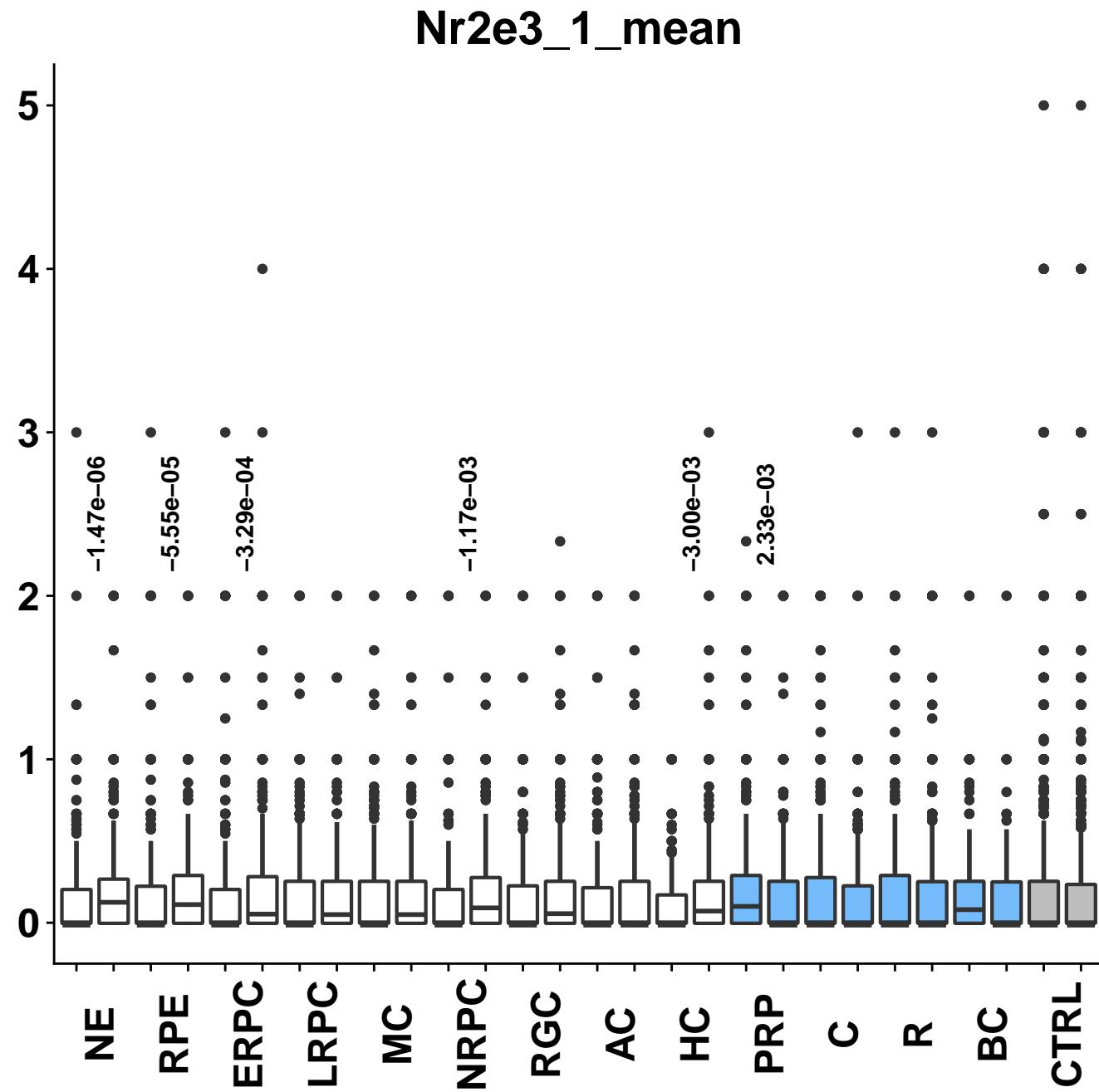
## Nfat5\_1\_mean

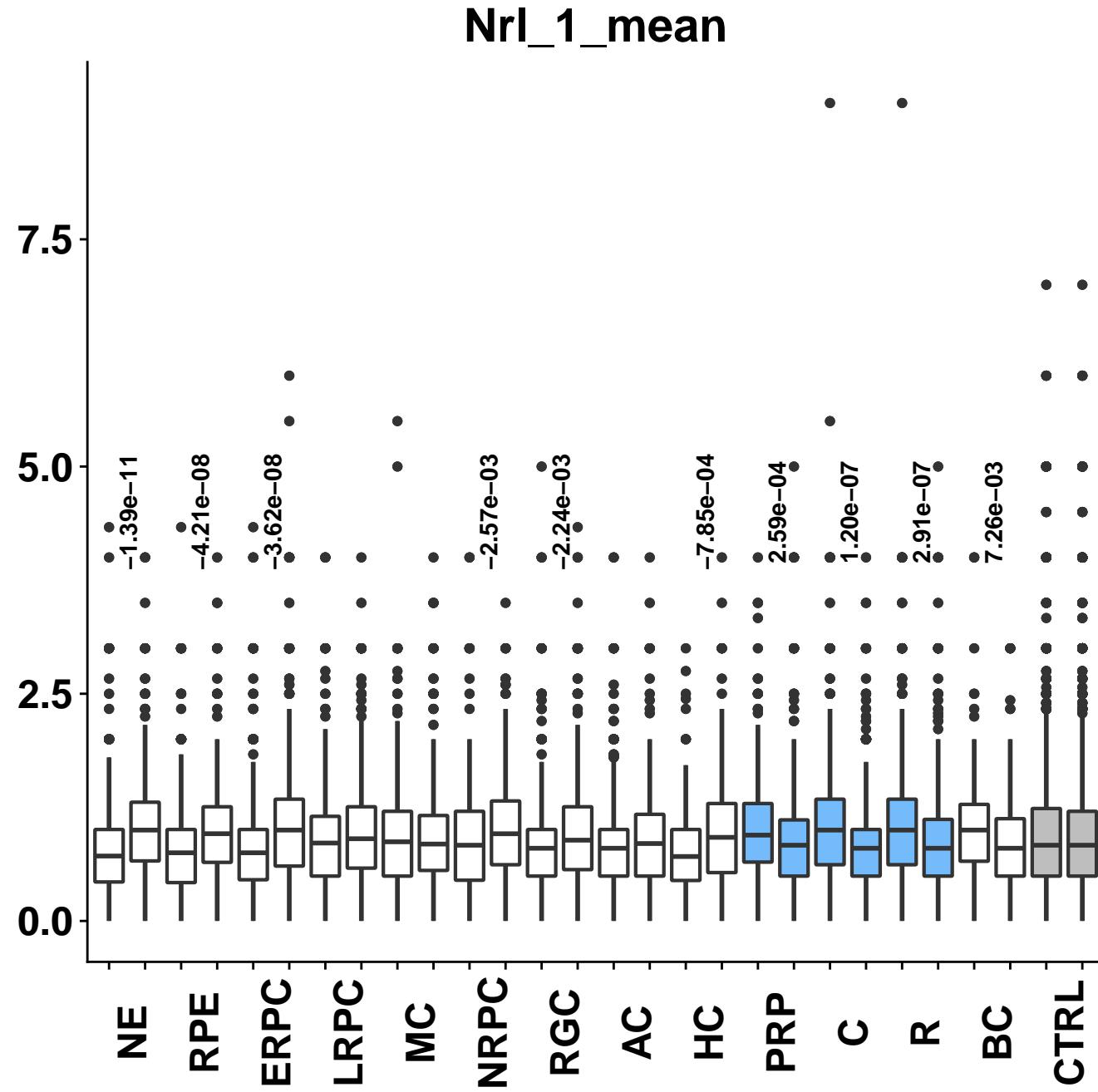




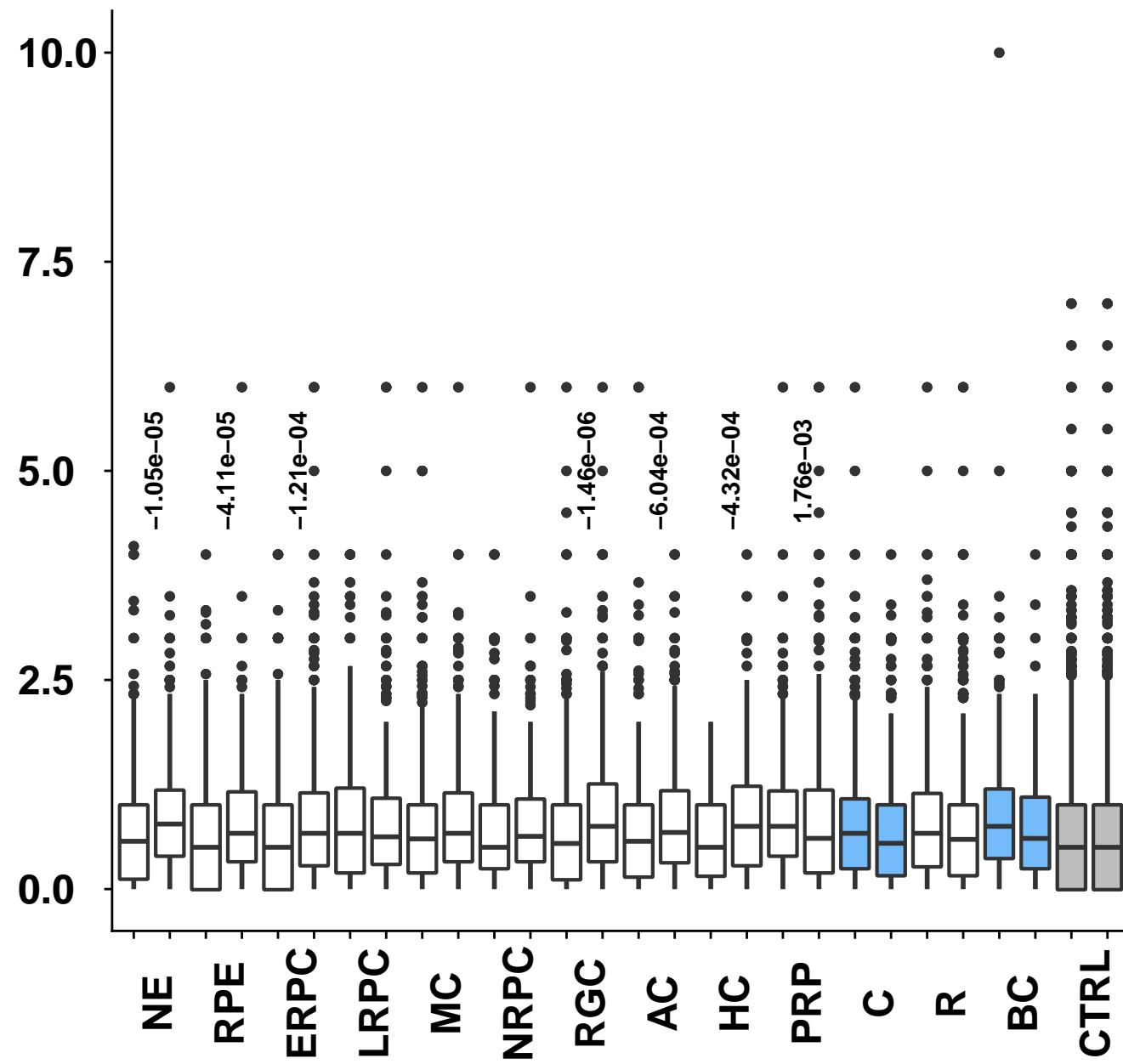
## Nfic\_2\_mean



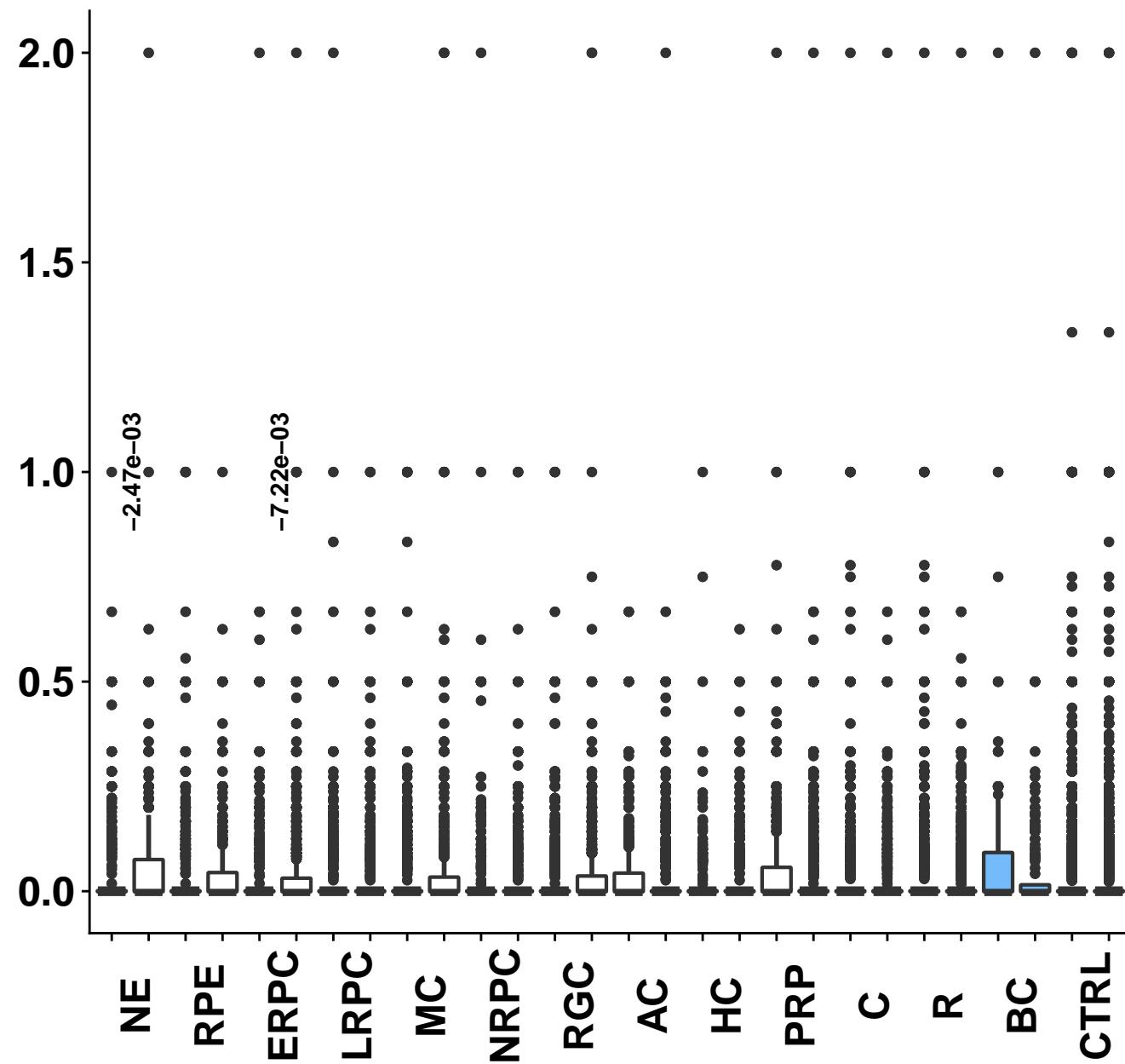




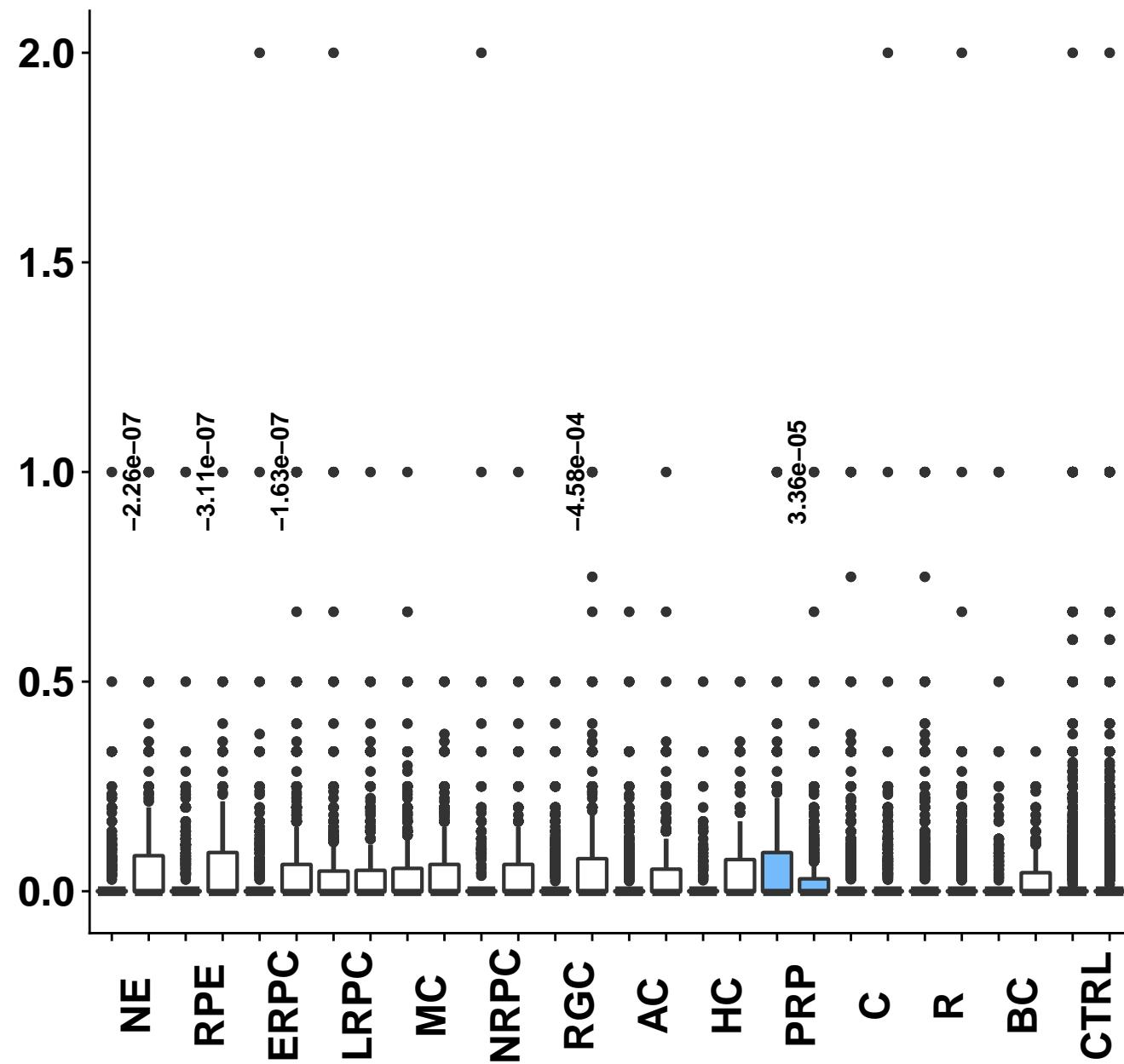
## Lhx4\_1\_mean



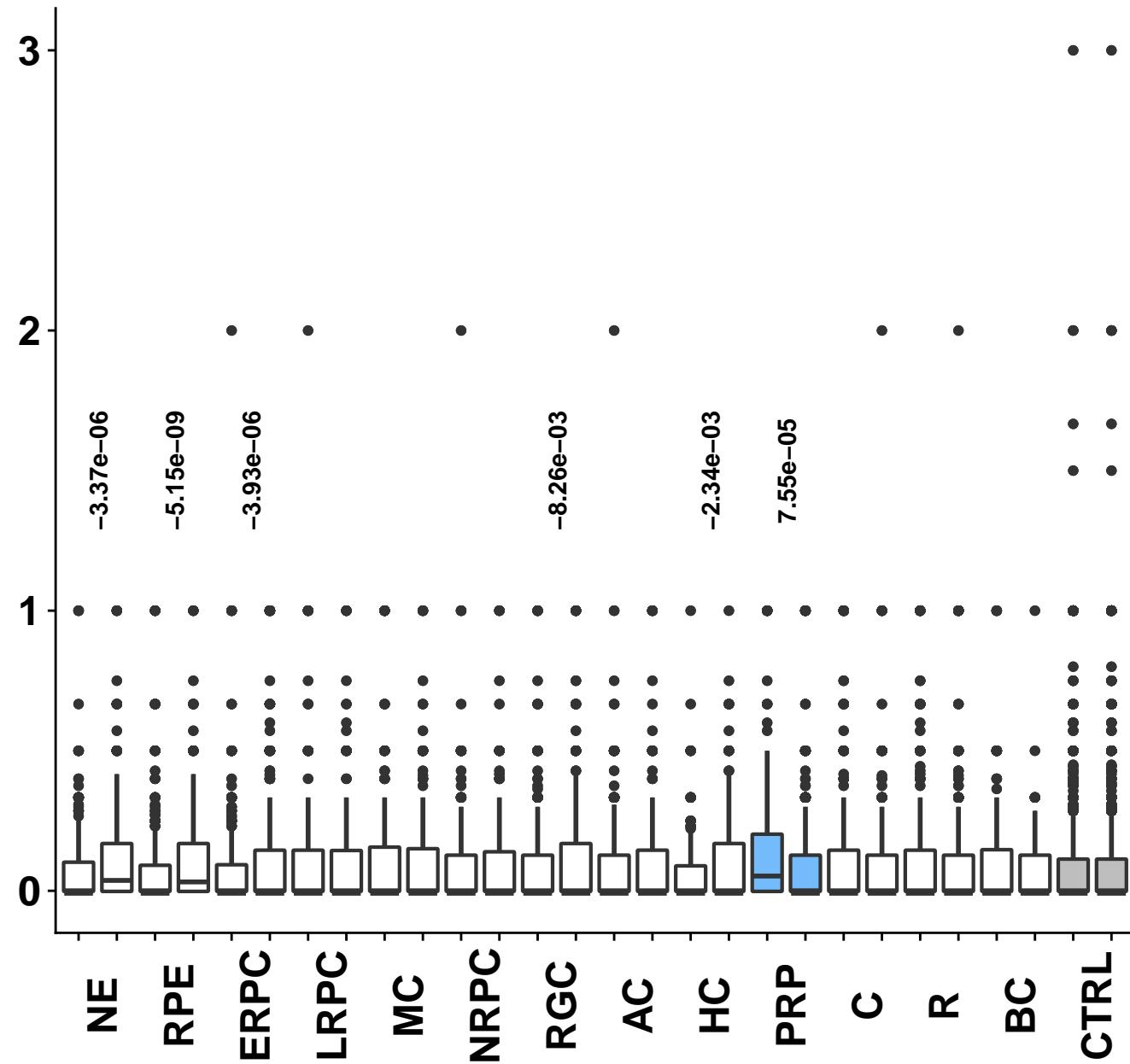
## Lhx4\_2\_mean

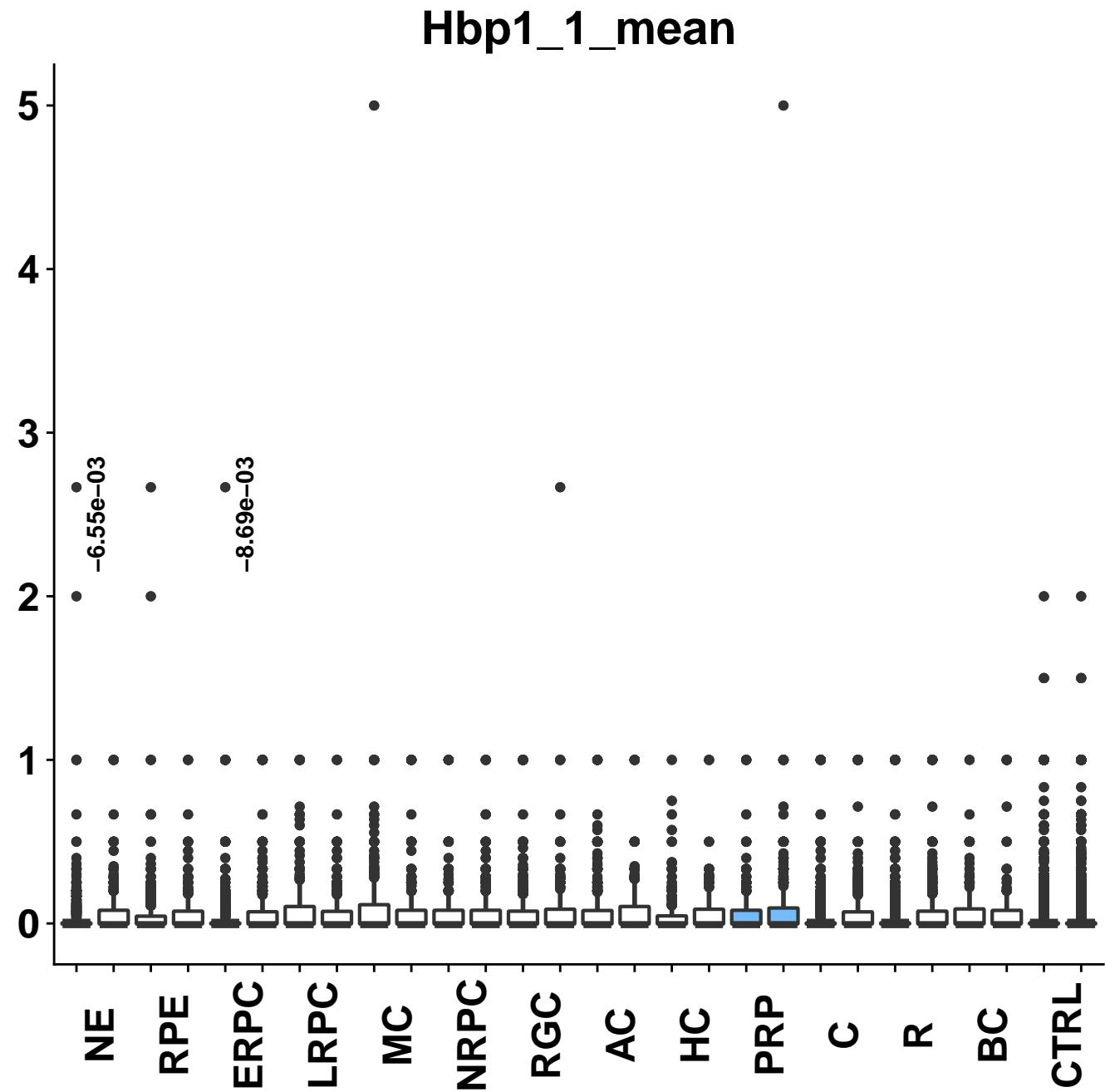


## Foxo3\_1\_mean

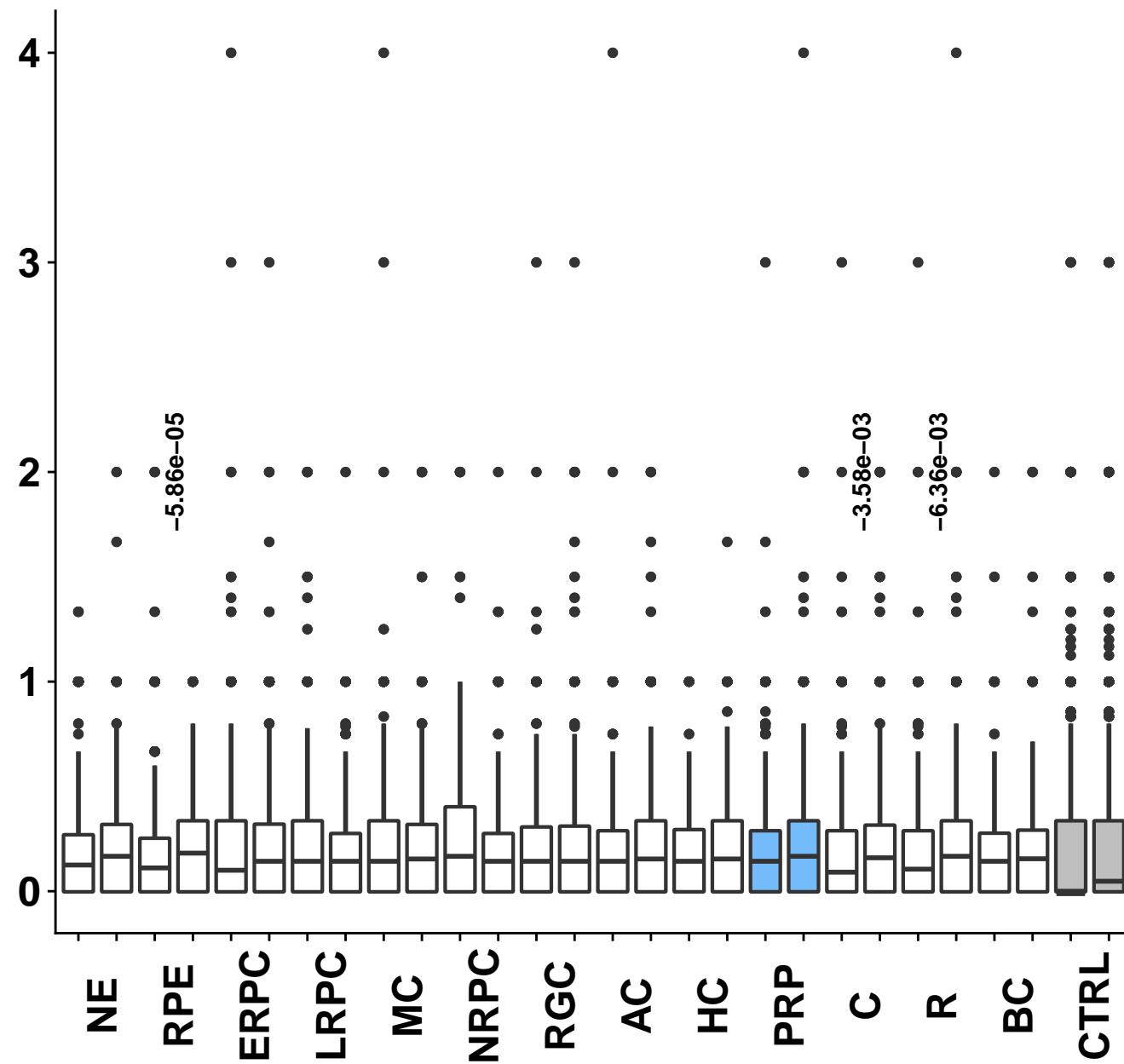


## Foxo3\_2\_mean

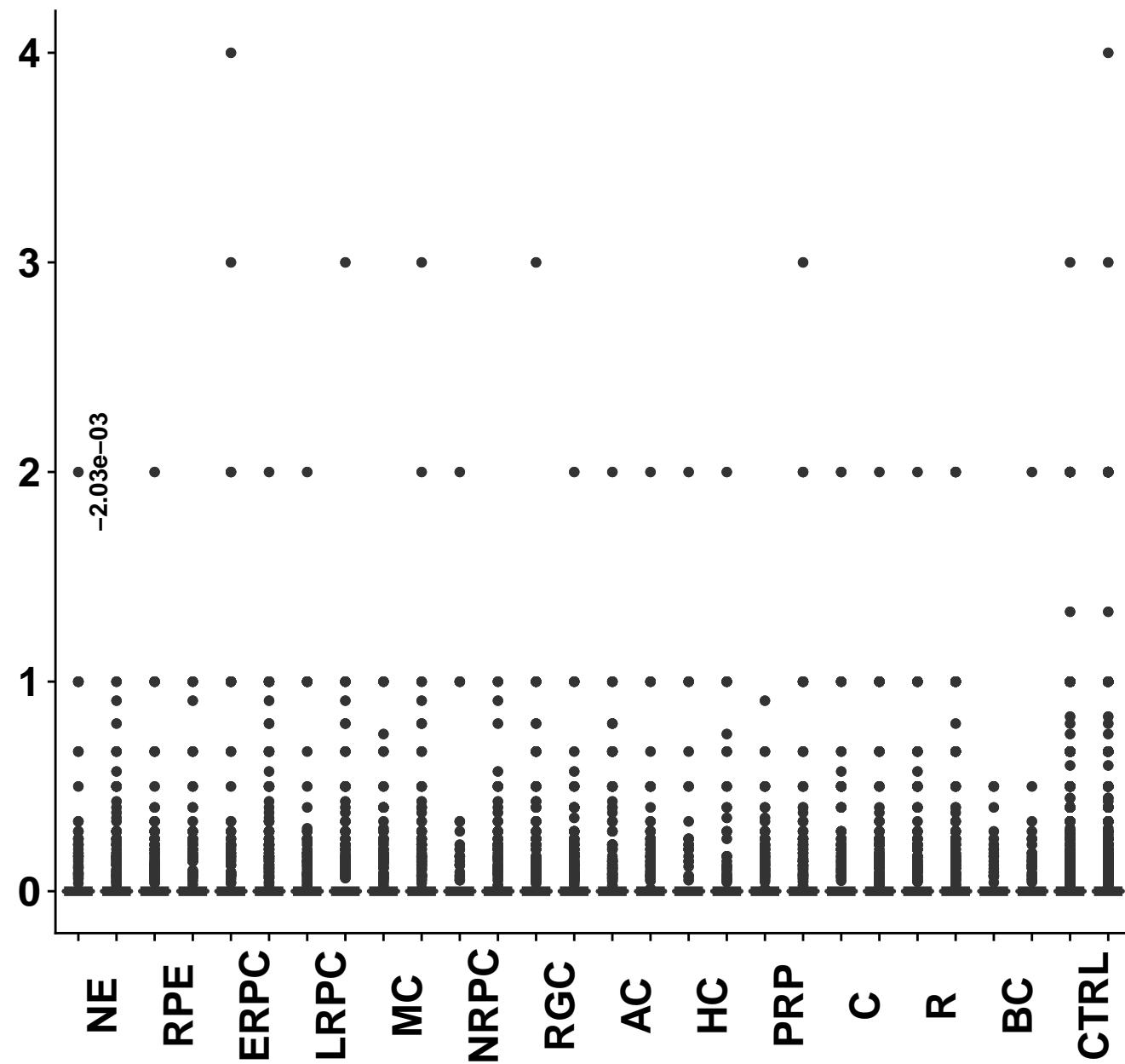




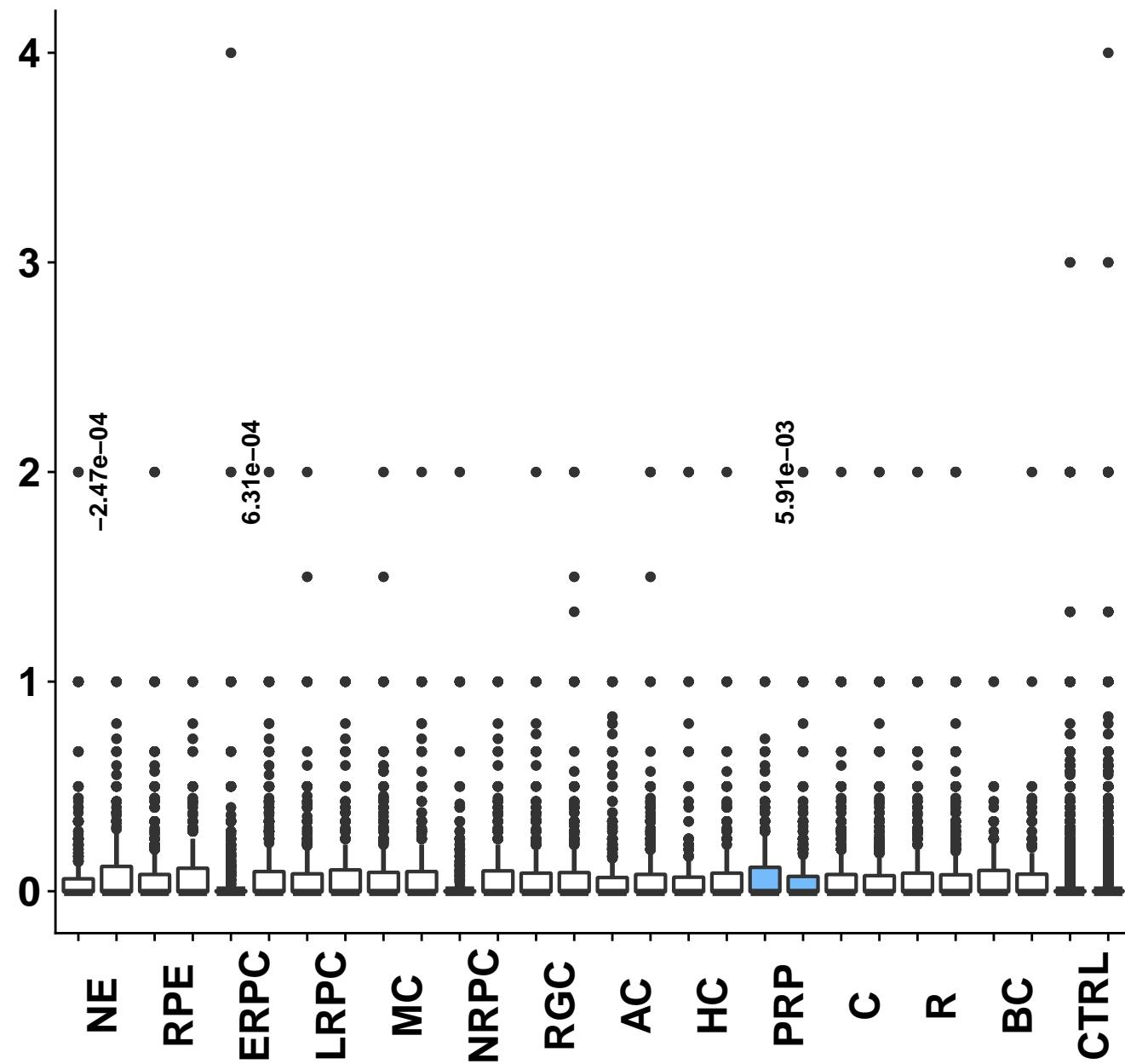
## Hbp1\_2\_mean



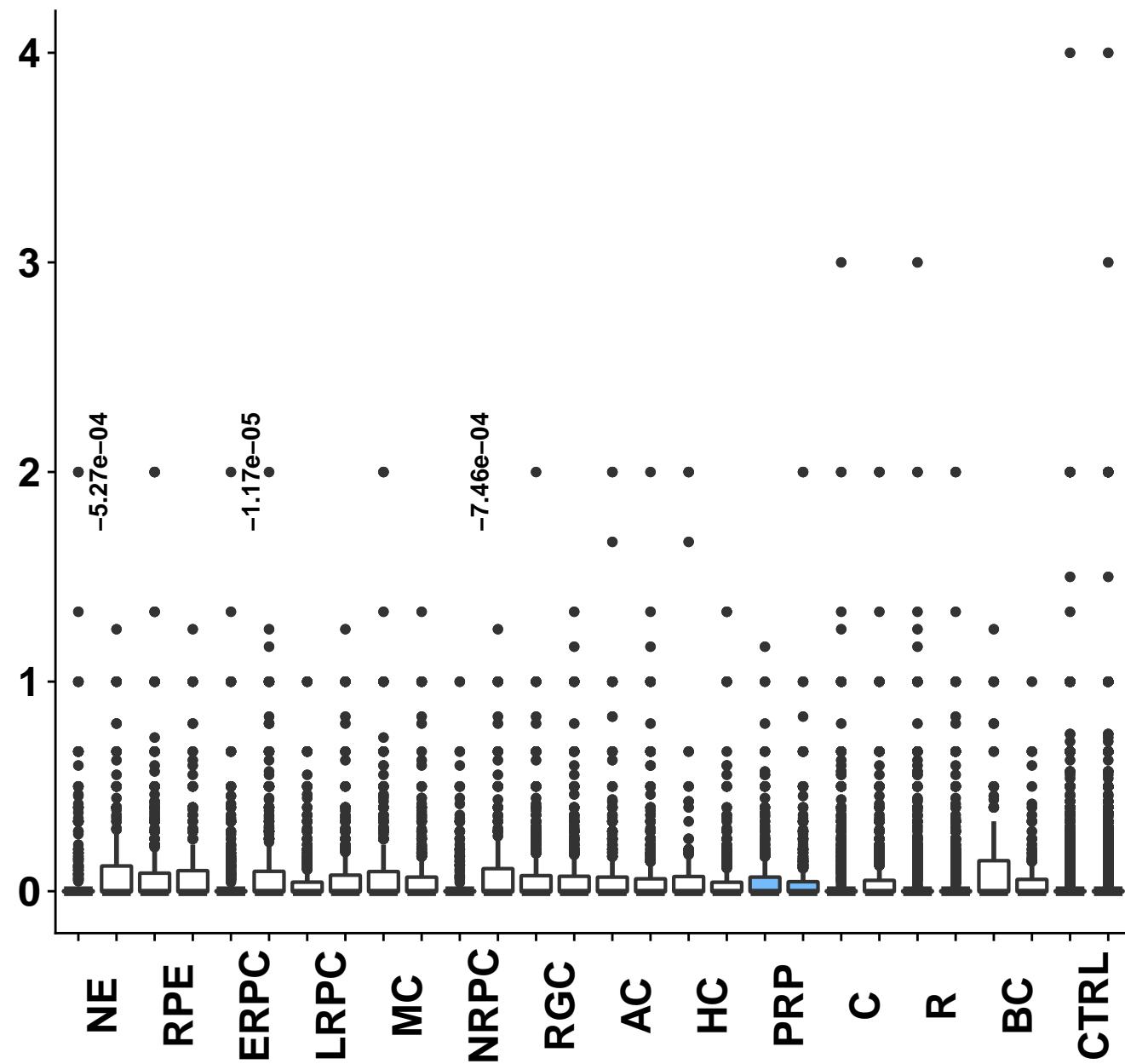
## Jund\_1\_mean



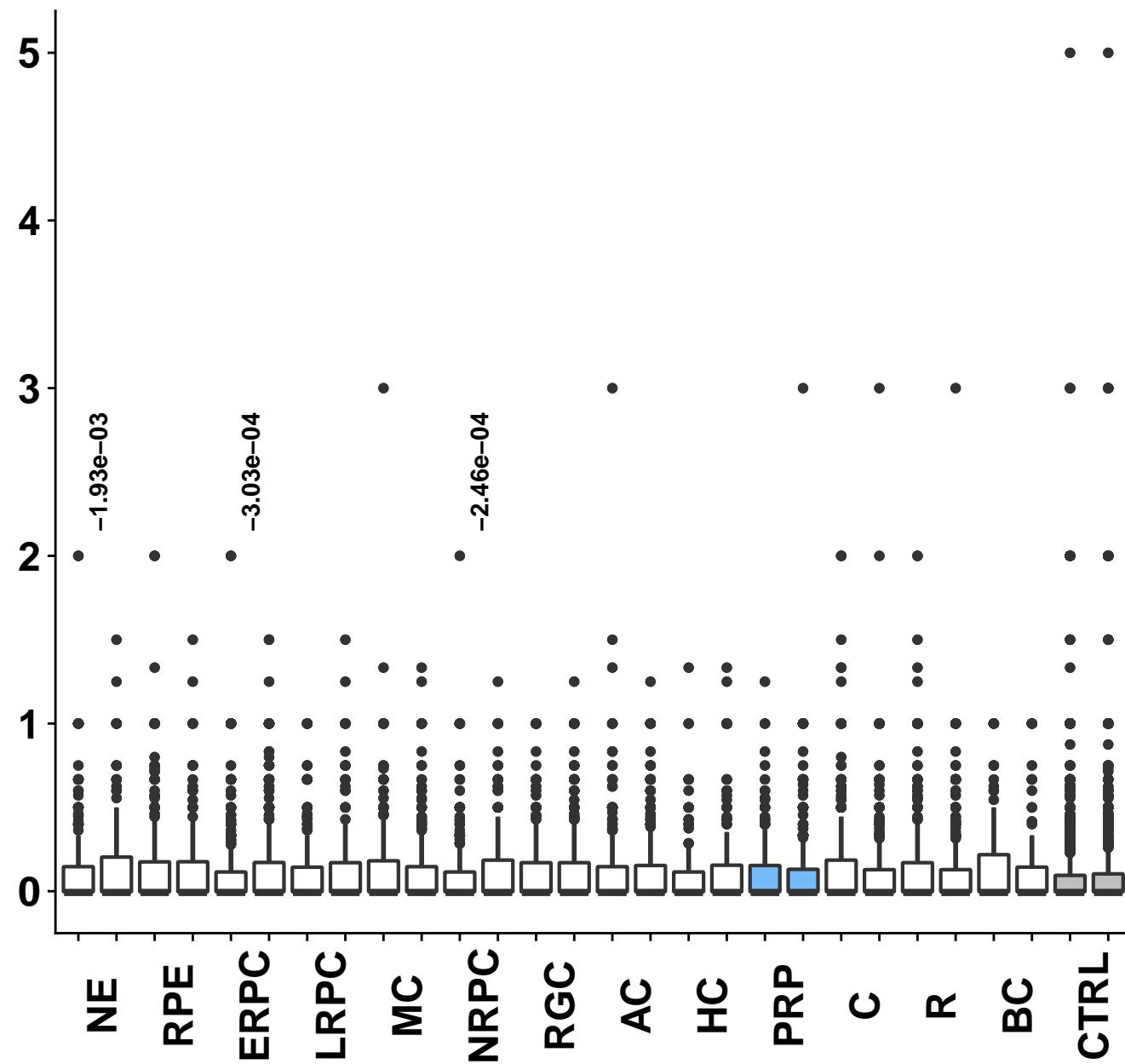
## Jund\_2\_mean



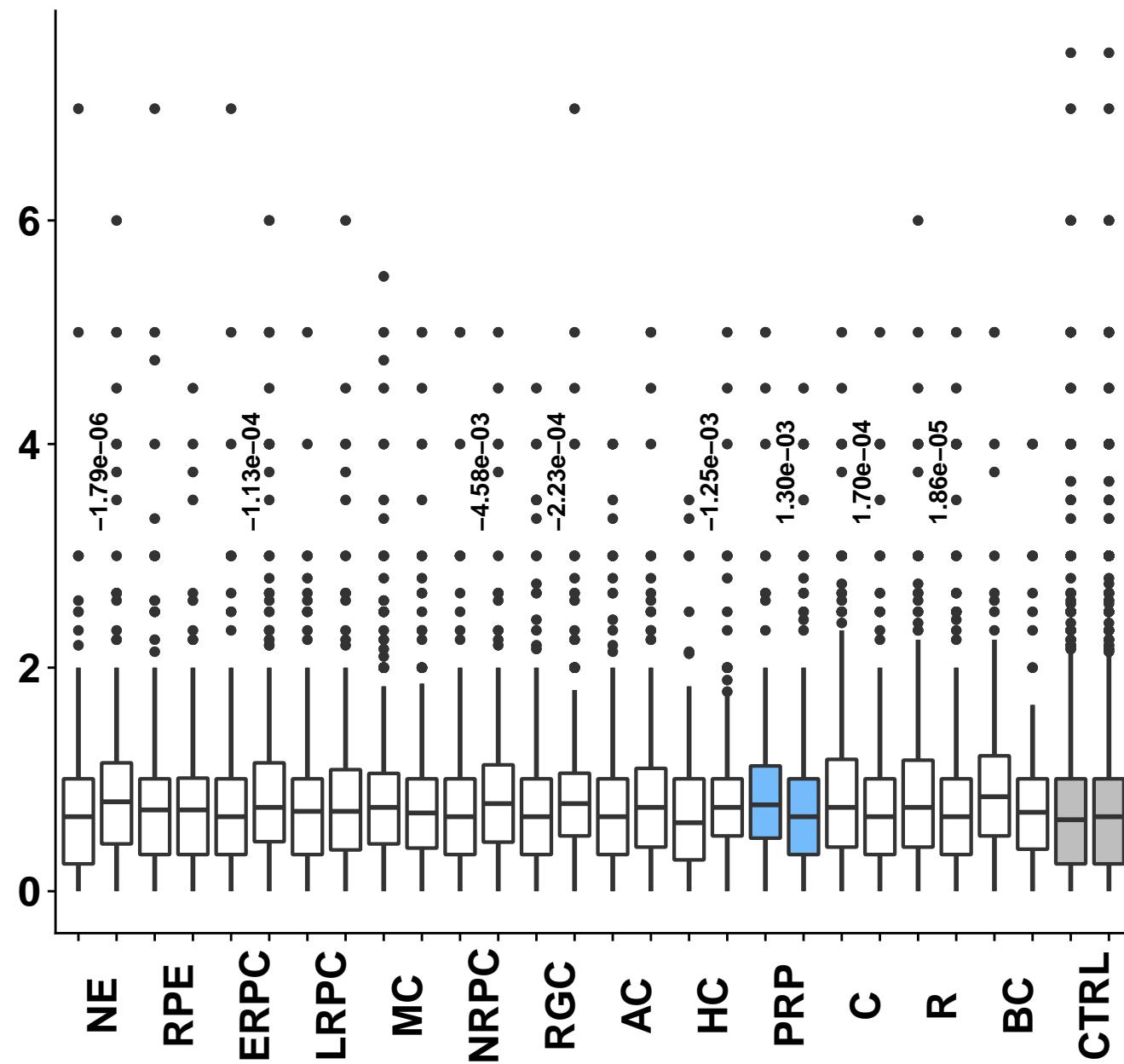
### Jund\_3\_mean



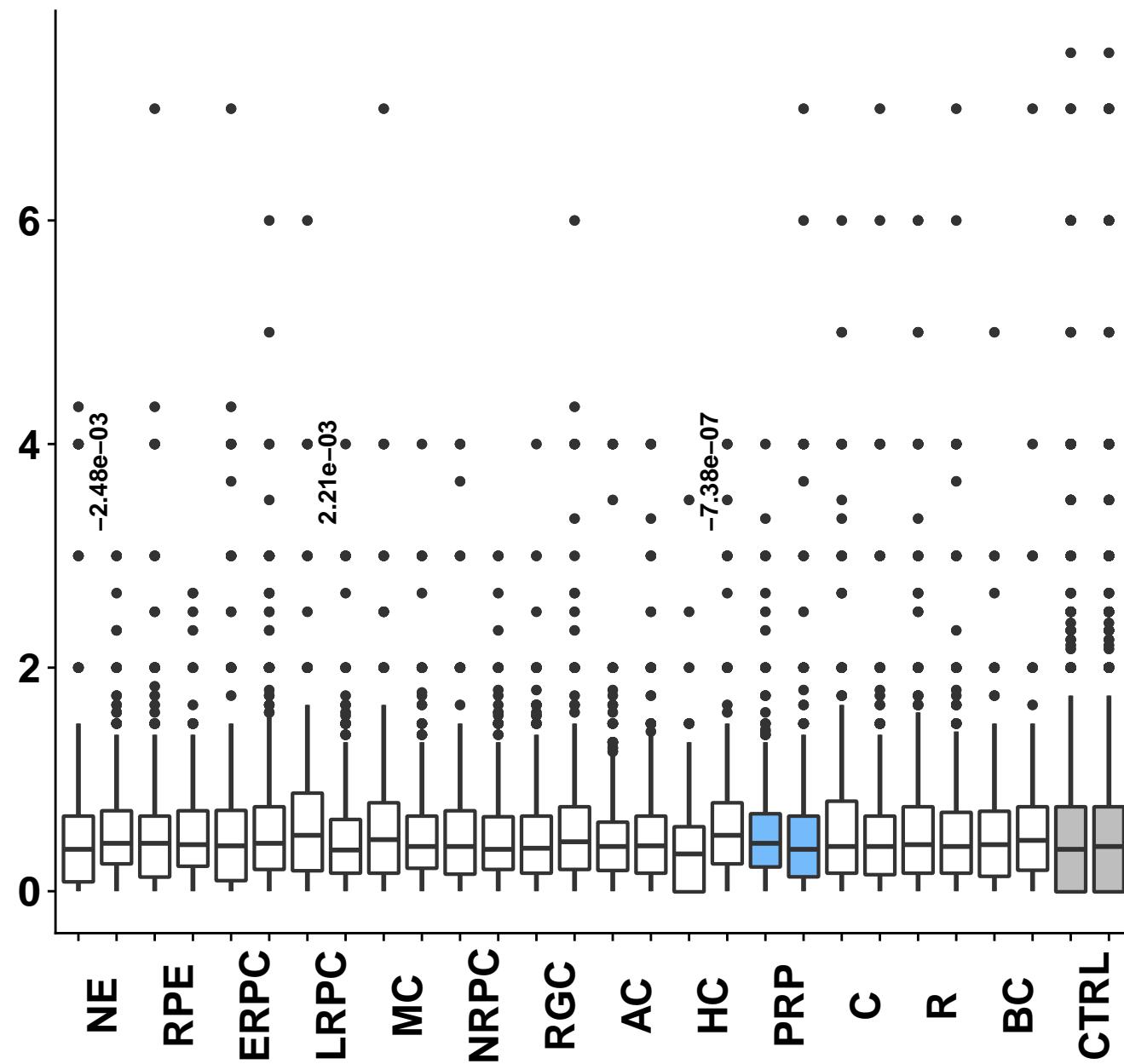
## Jund\_4\_mean



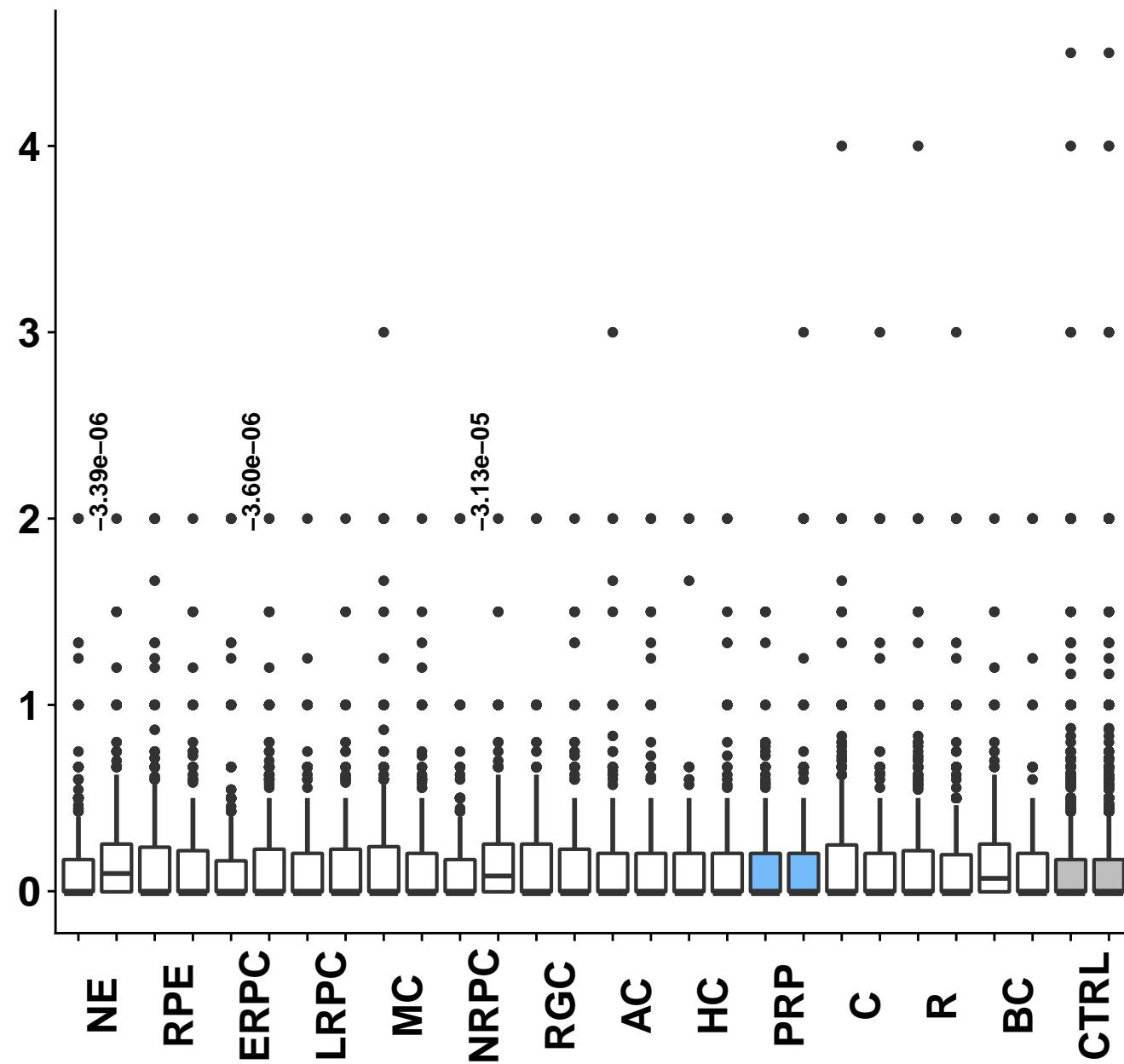
## Jund\_5\_mean



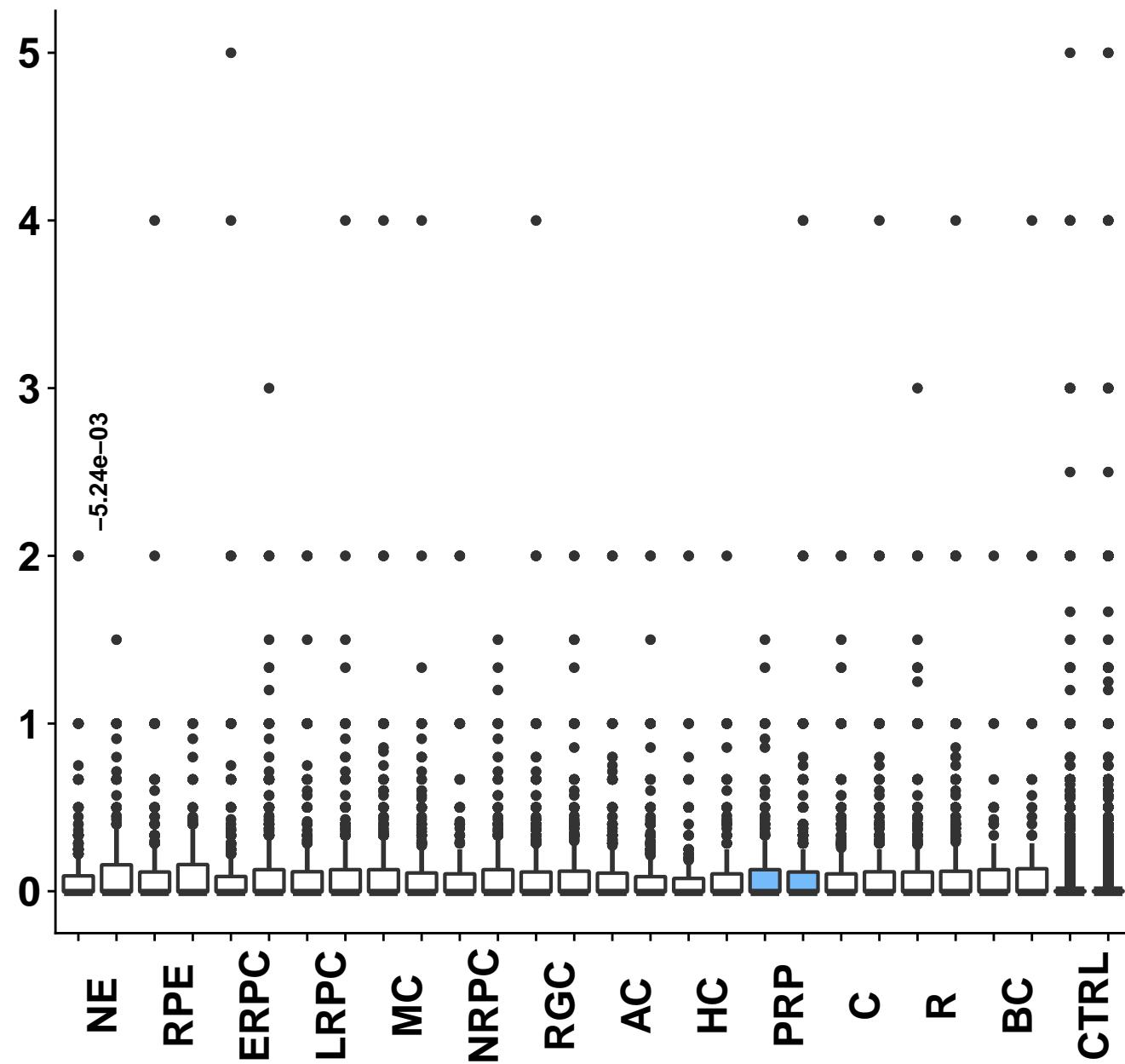
## Jund\_6\_mean



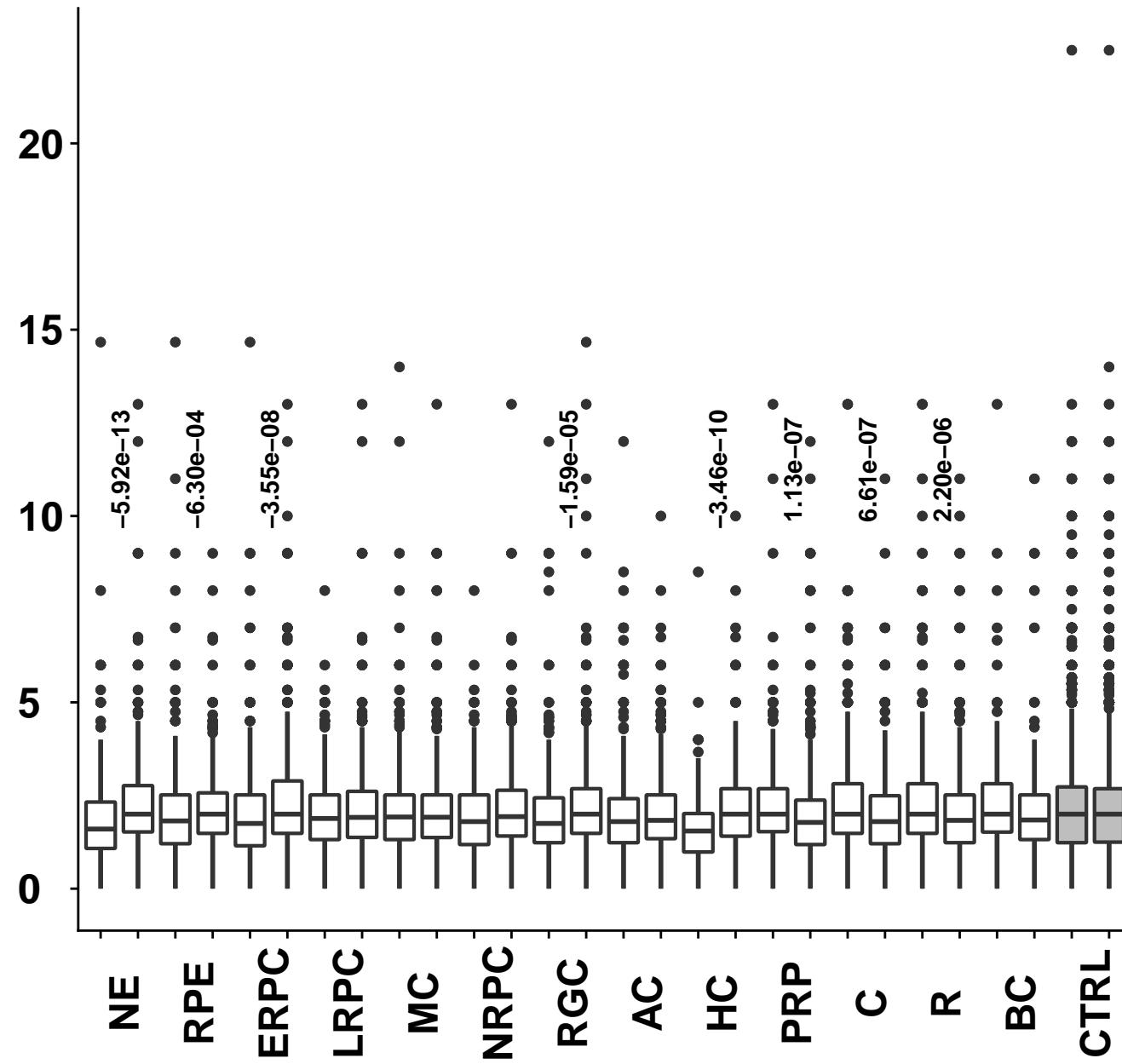
## Jund\_7\_mean



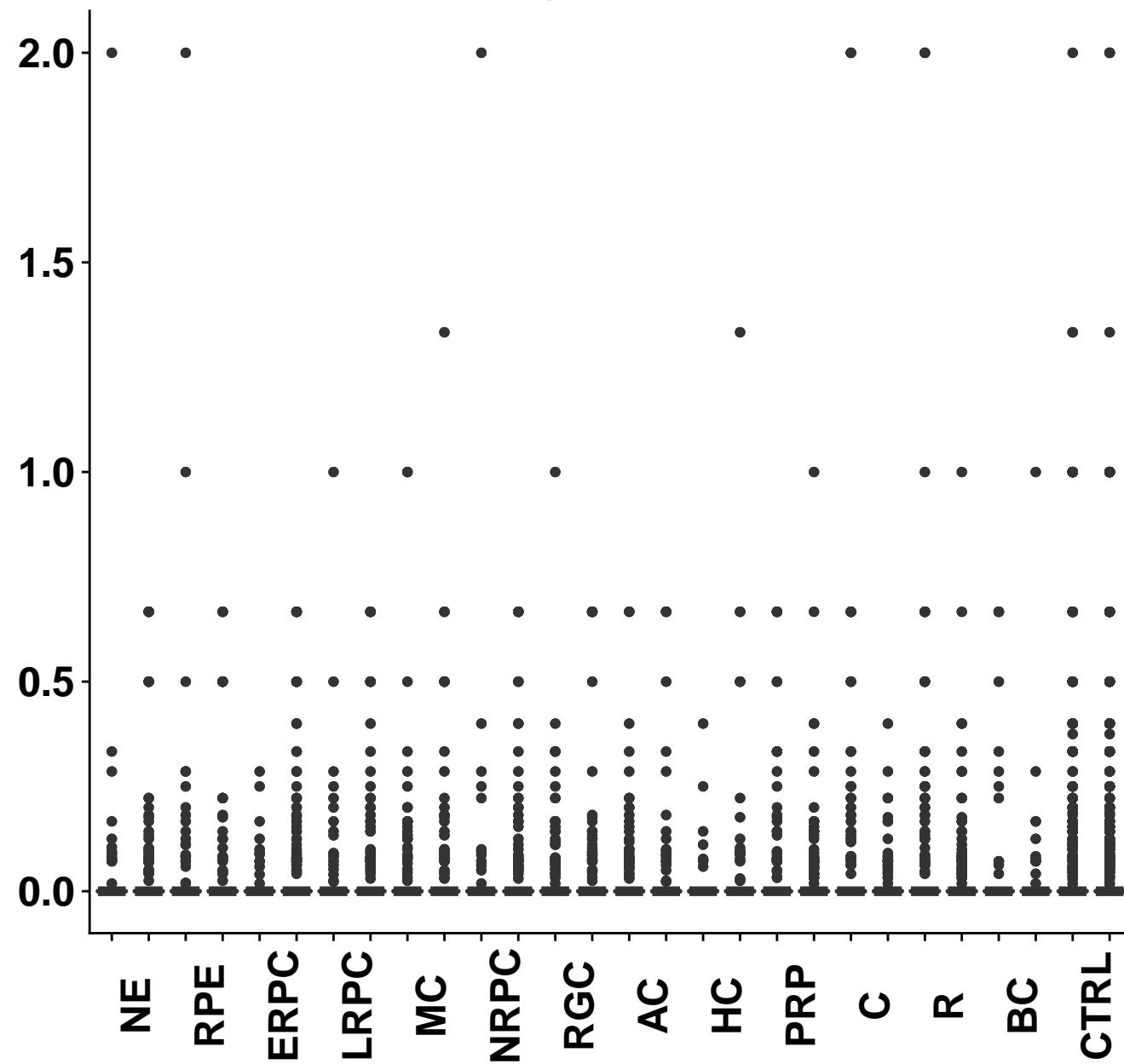
## Jund\_8\_mean



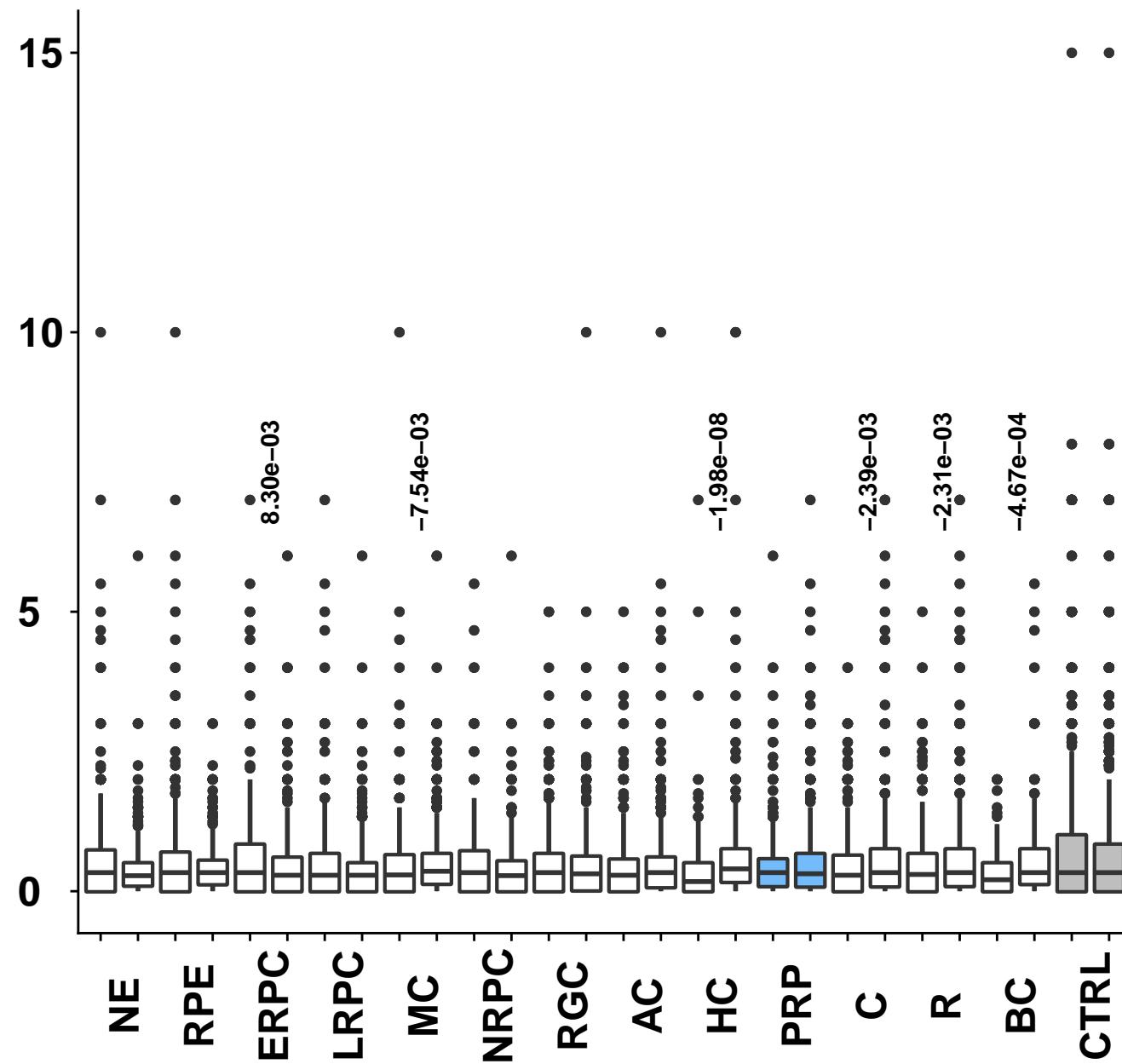
## Mafg\_1\_mean



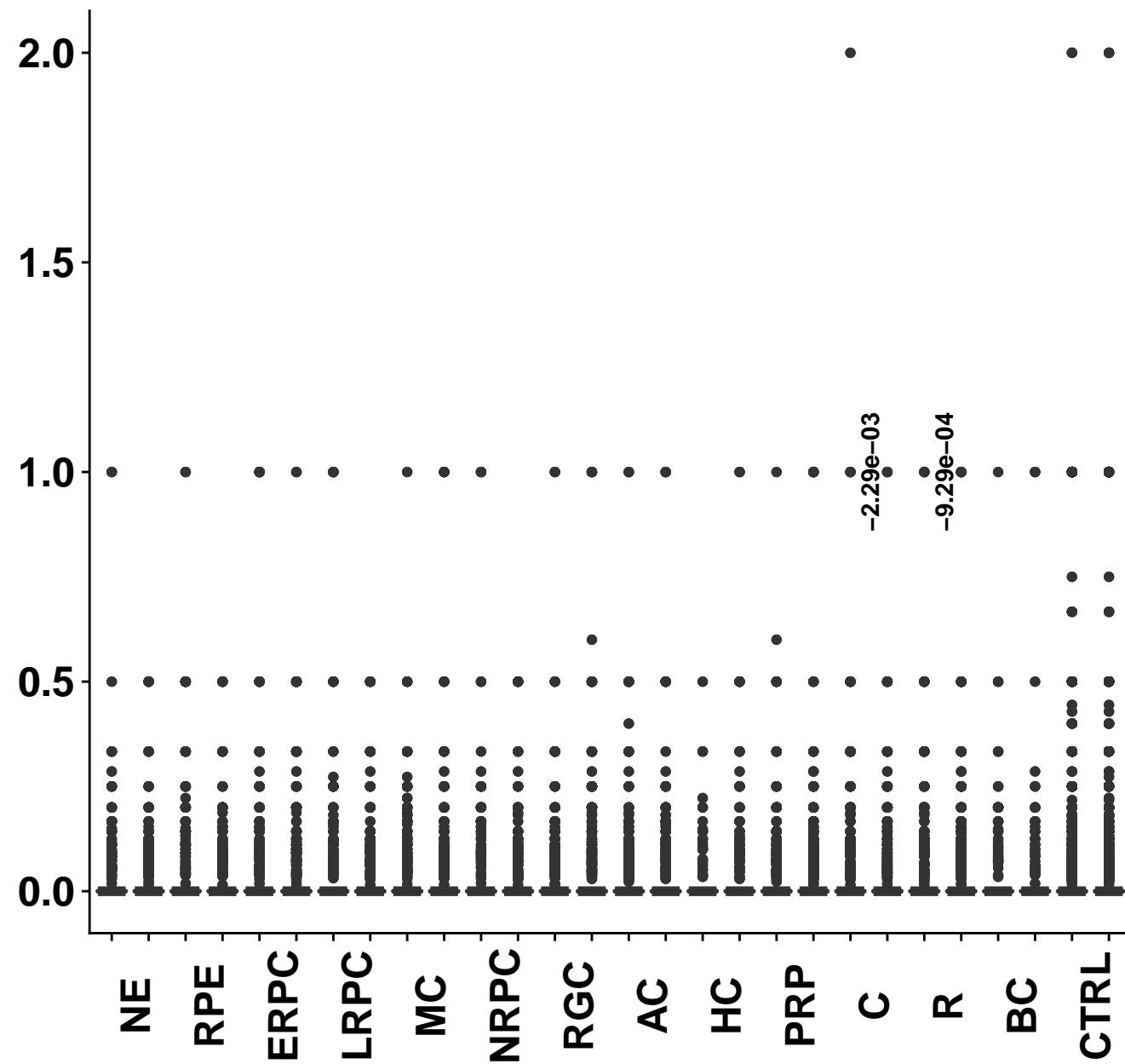
## Mafg\_2\_mean



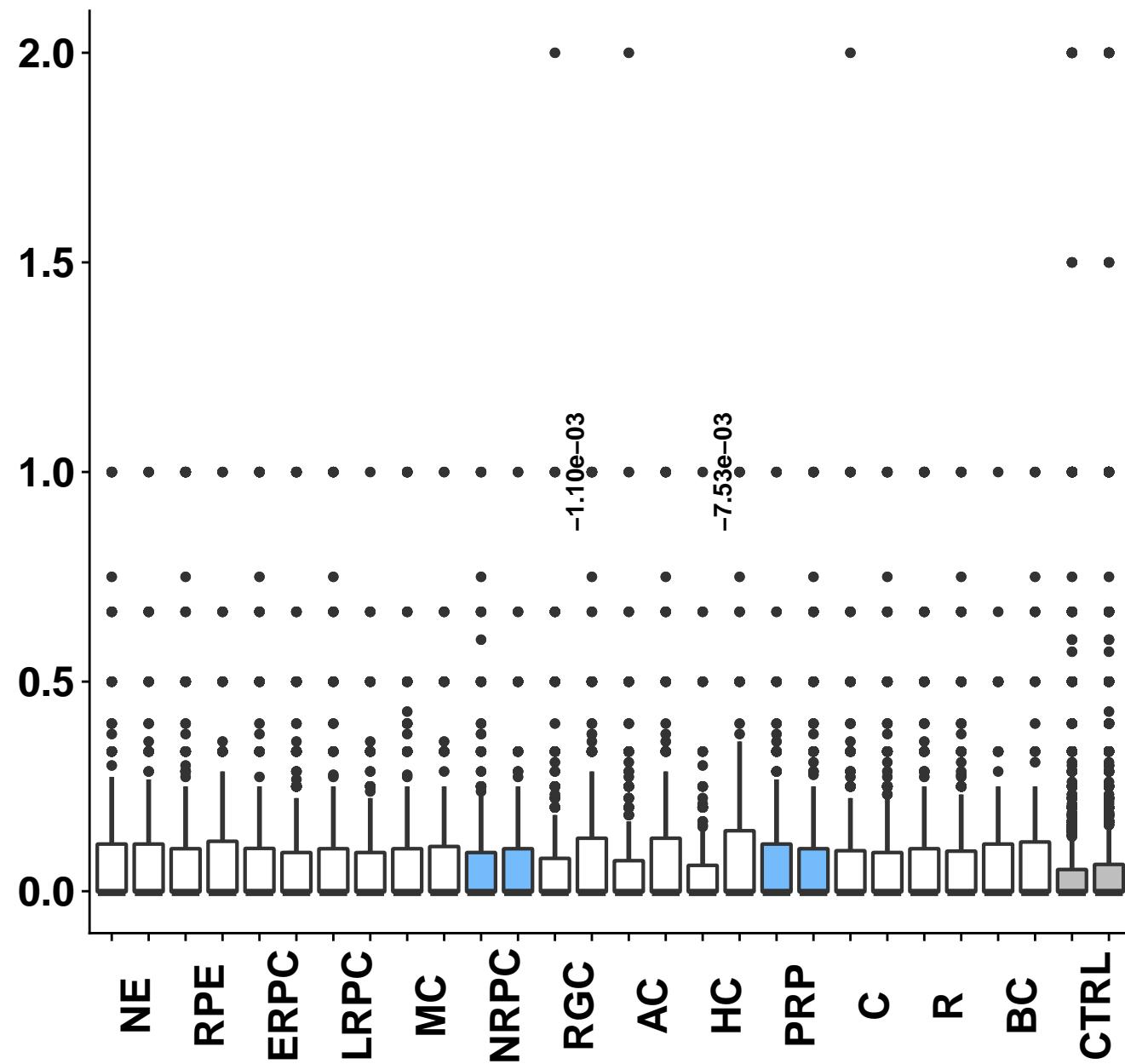
## Mxi1\_1\_mean



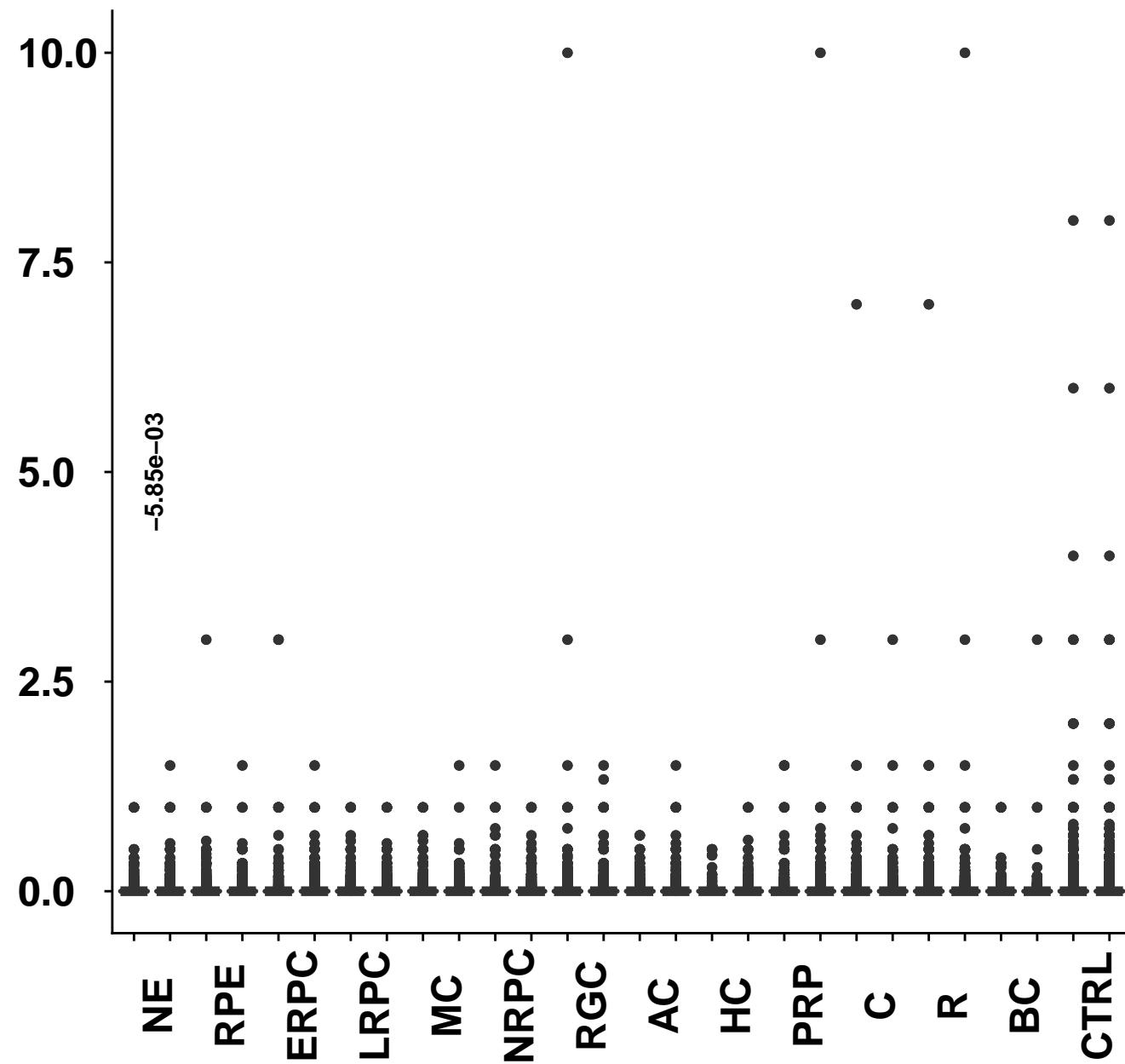
## Prdm1\_4\_mean



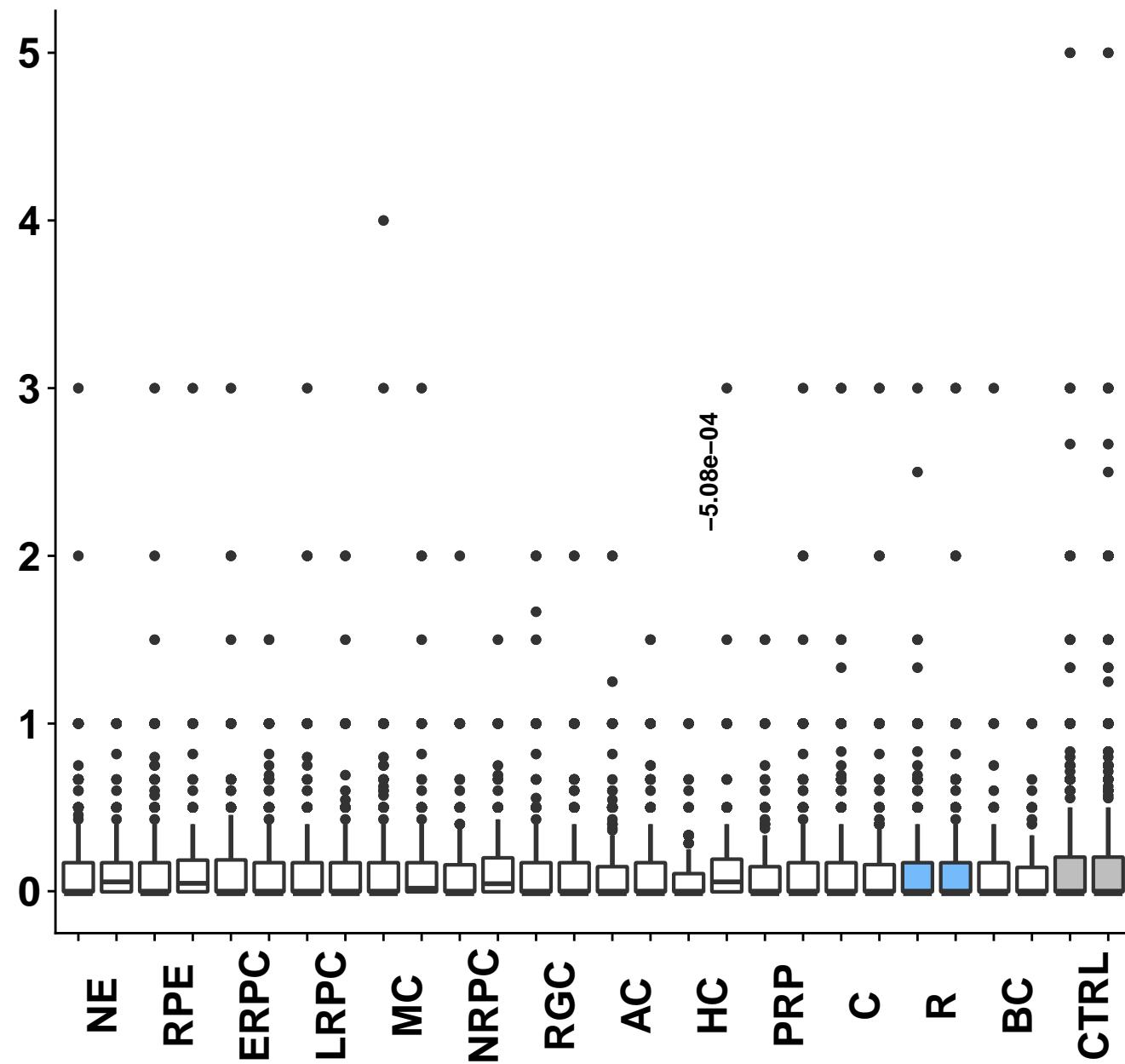
## Prdm1\_5\_mean



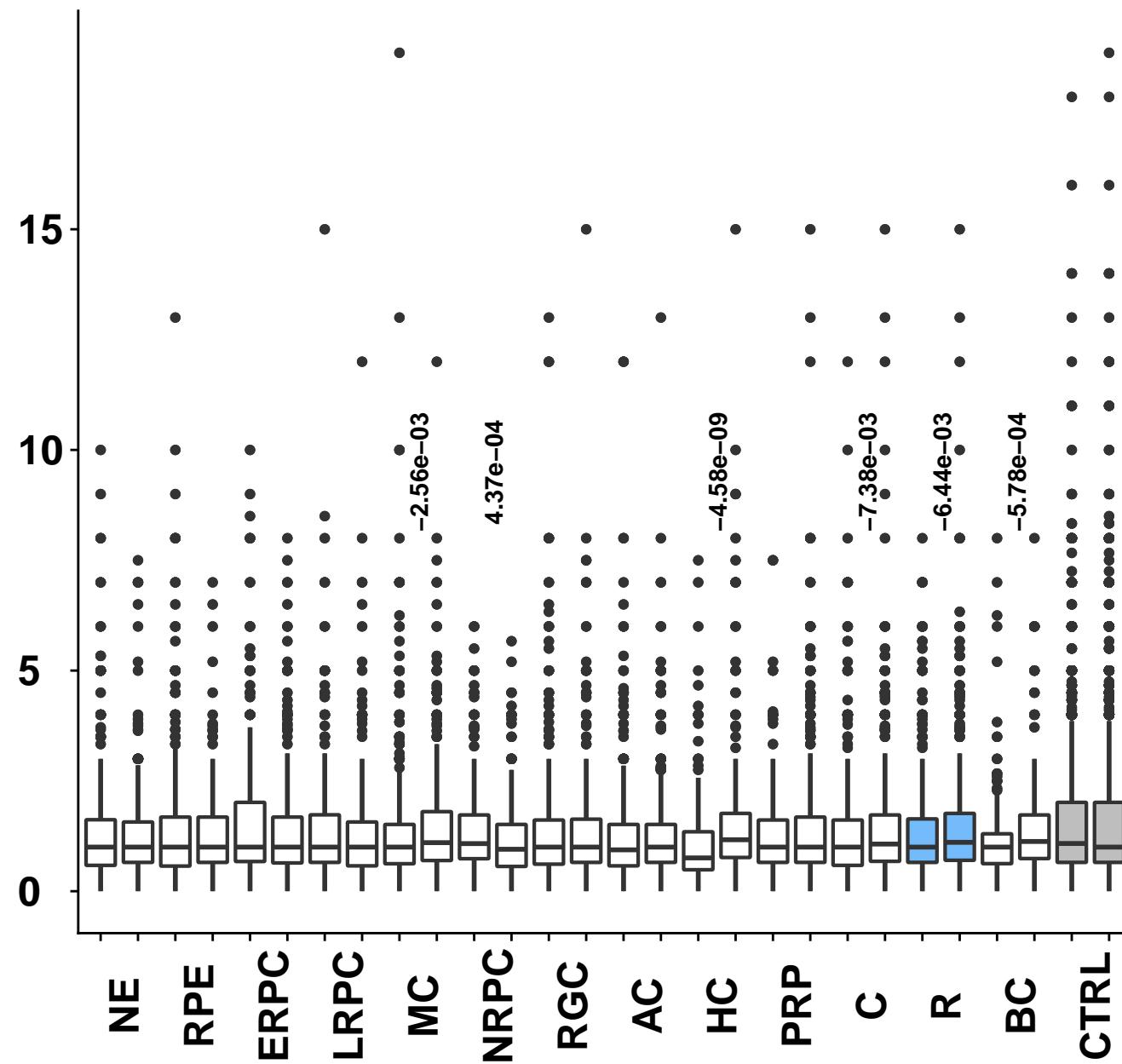
## Rreb1\_1\_mean



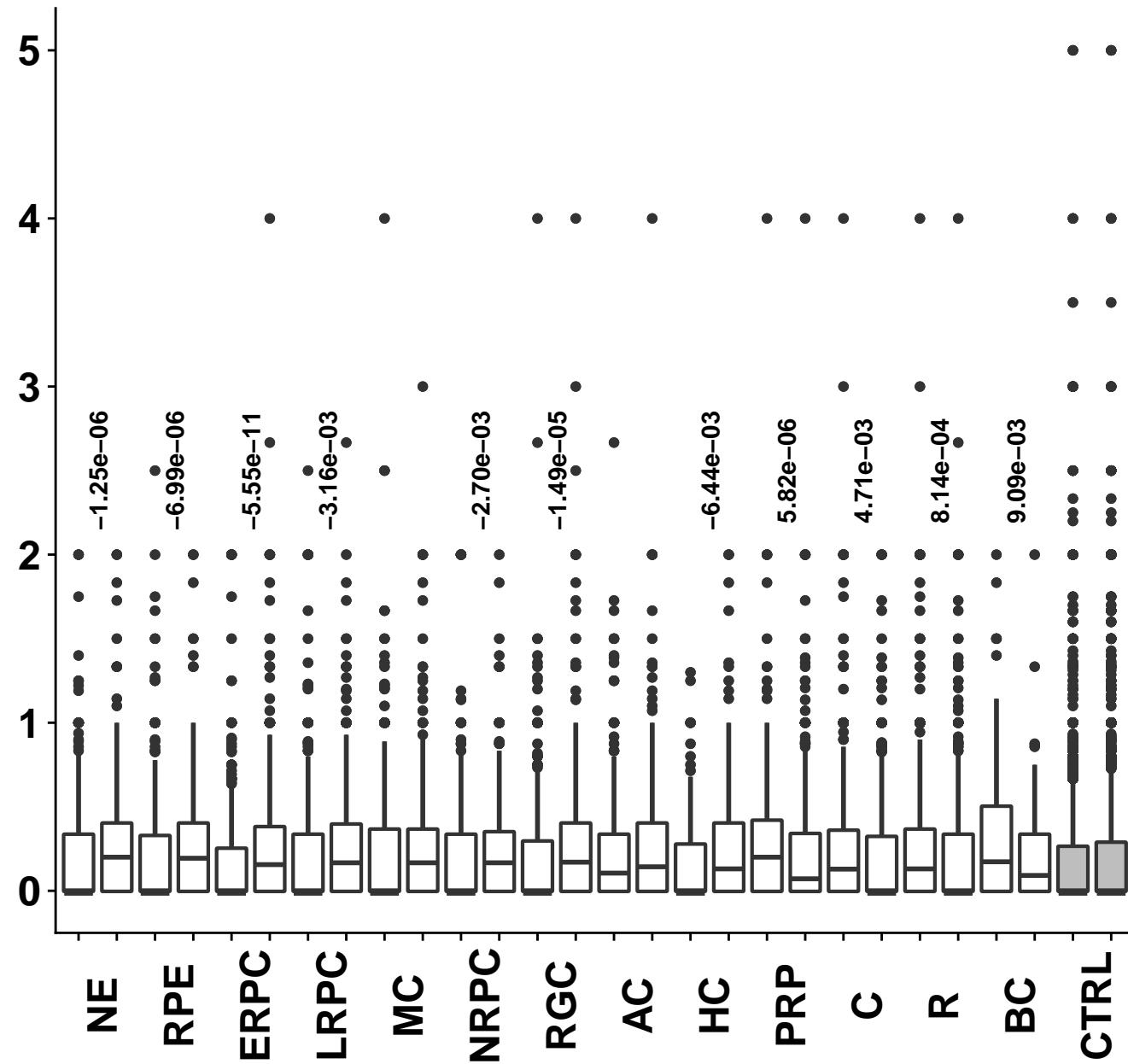
## Ahr\_1\_mean



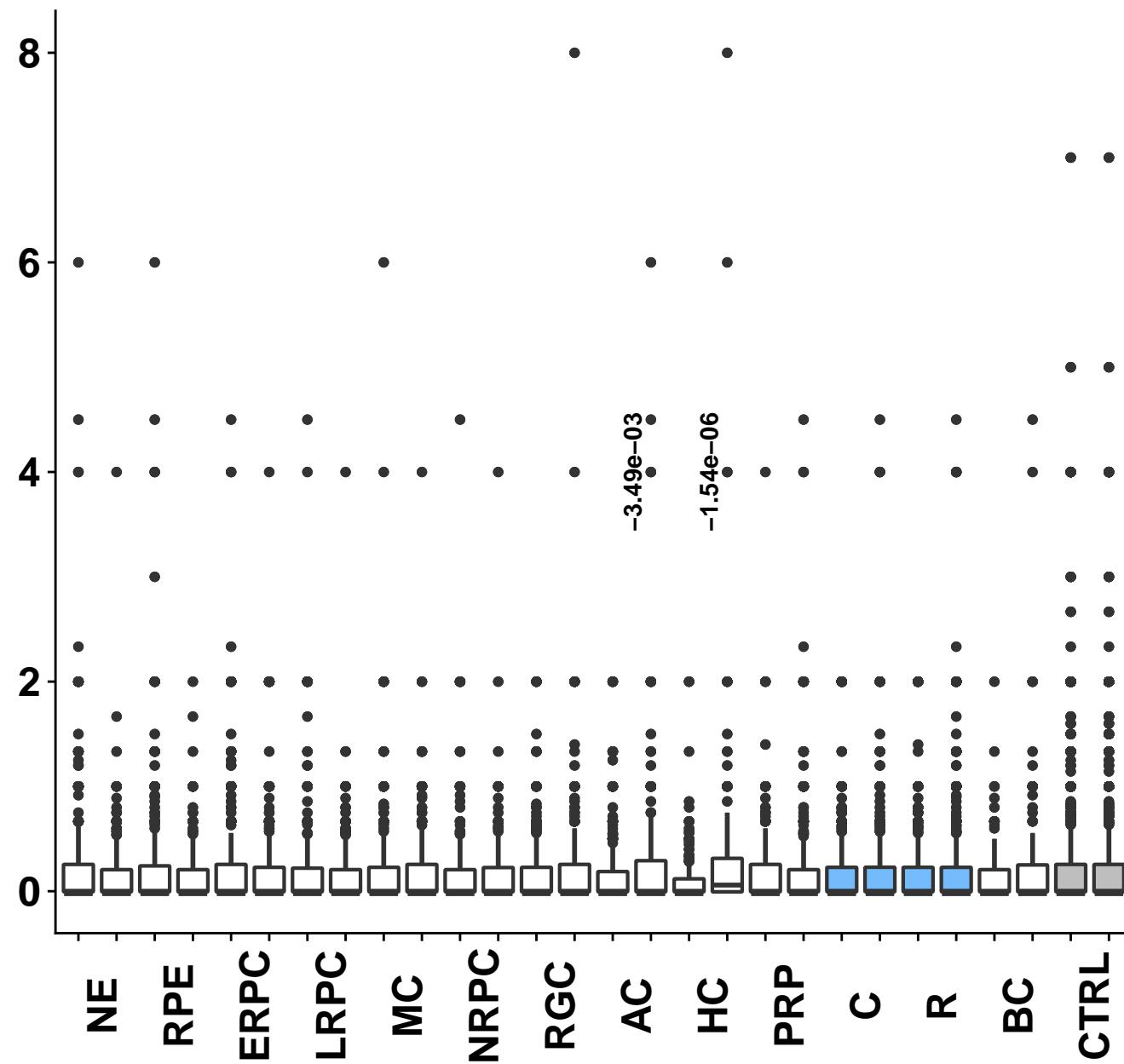
## Ahr\_2\_mean

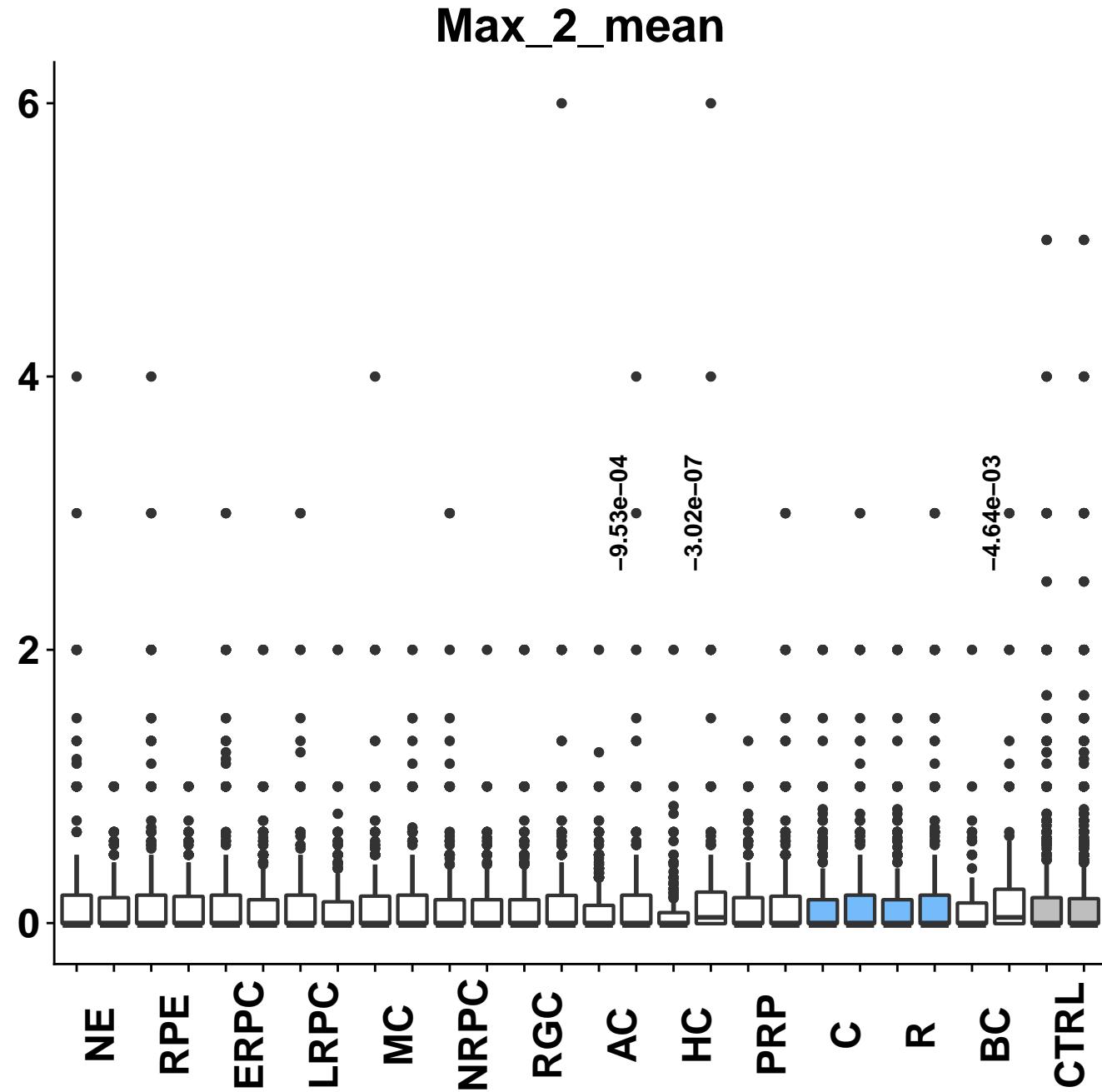


## Arid3b\_1\_mean

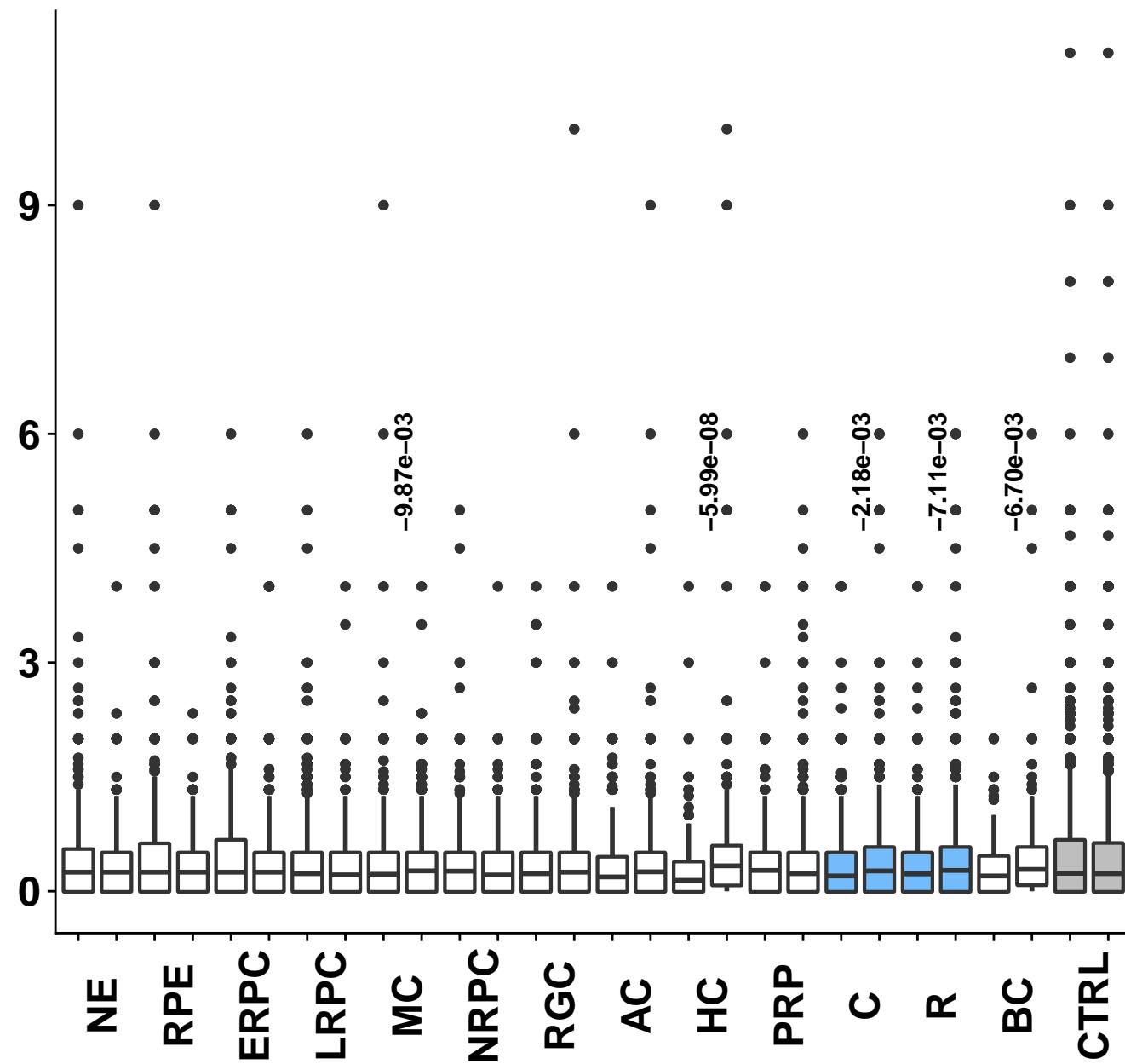


## Max\_1\_mean

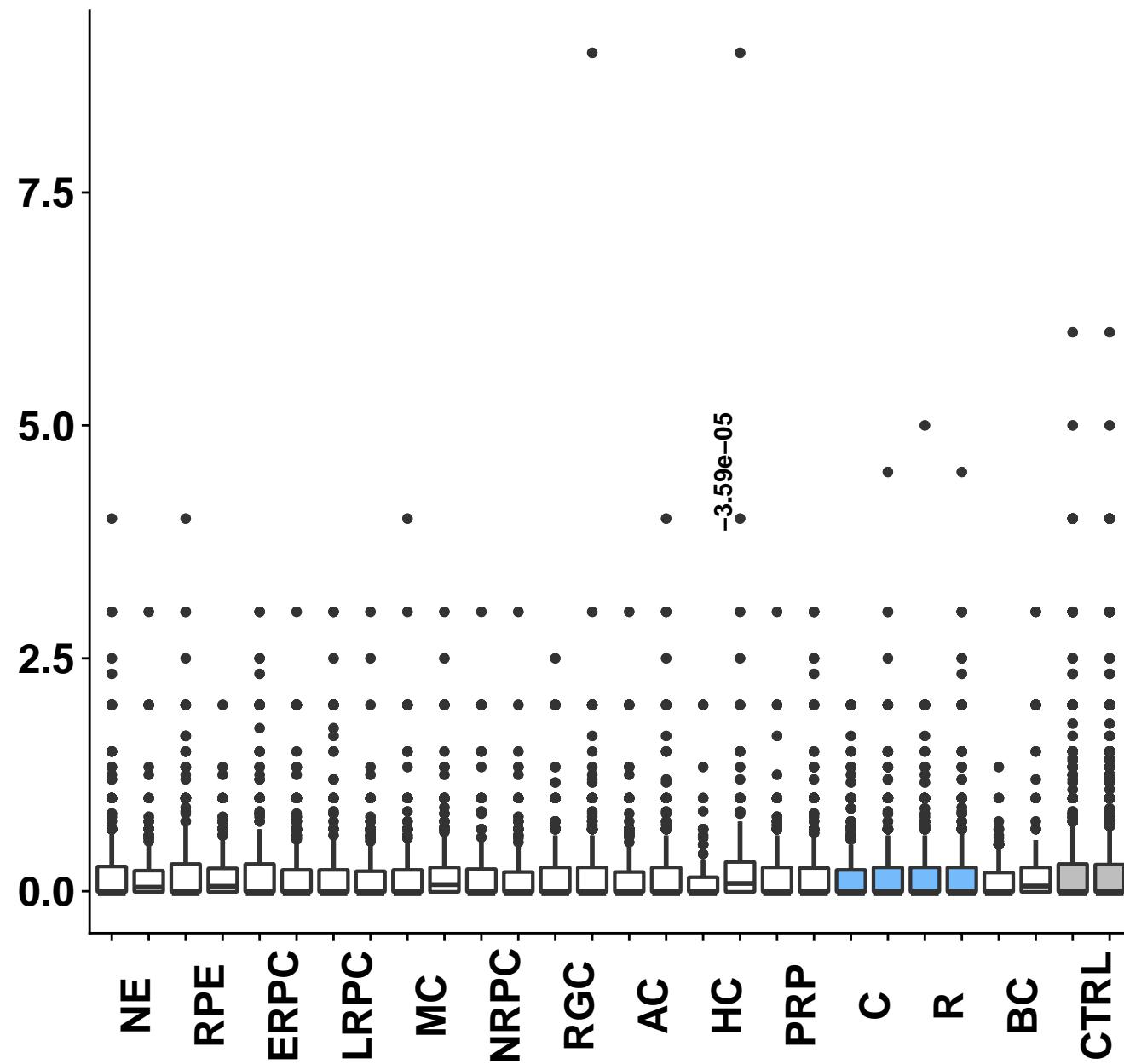


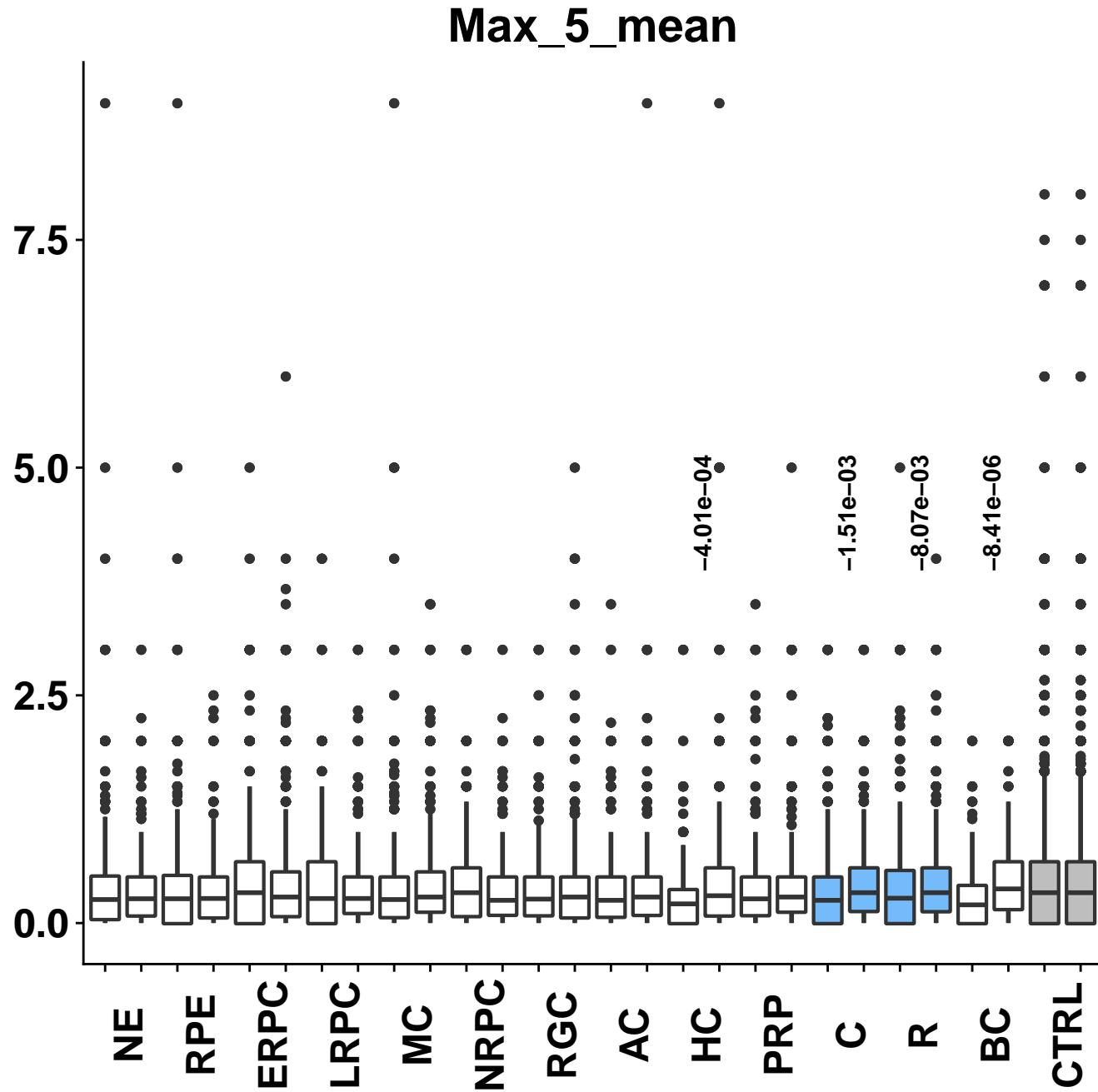


## Max\_3\_mean

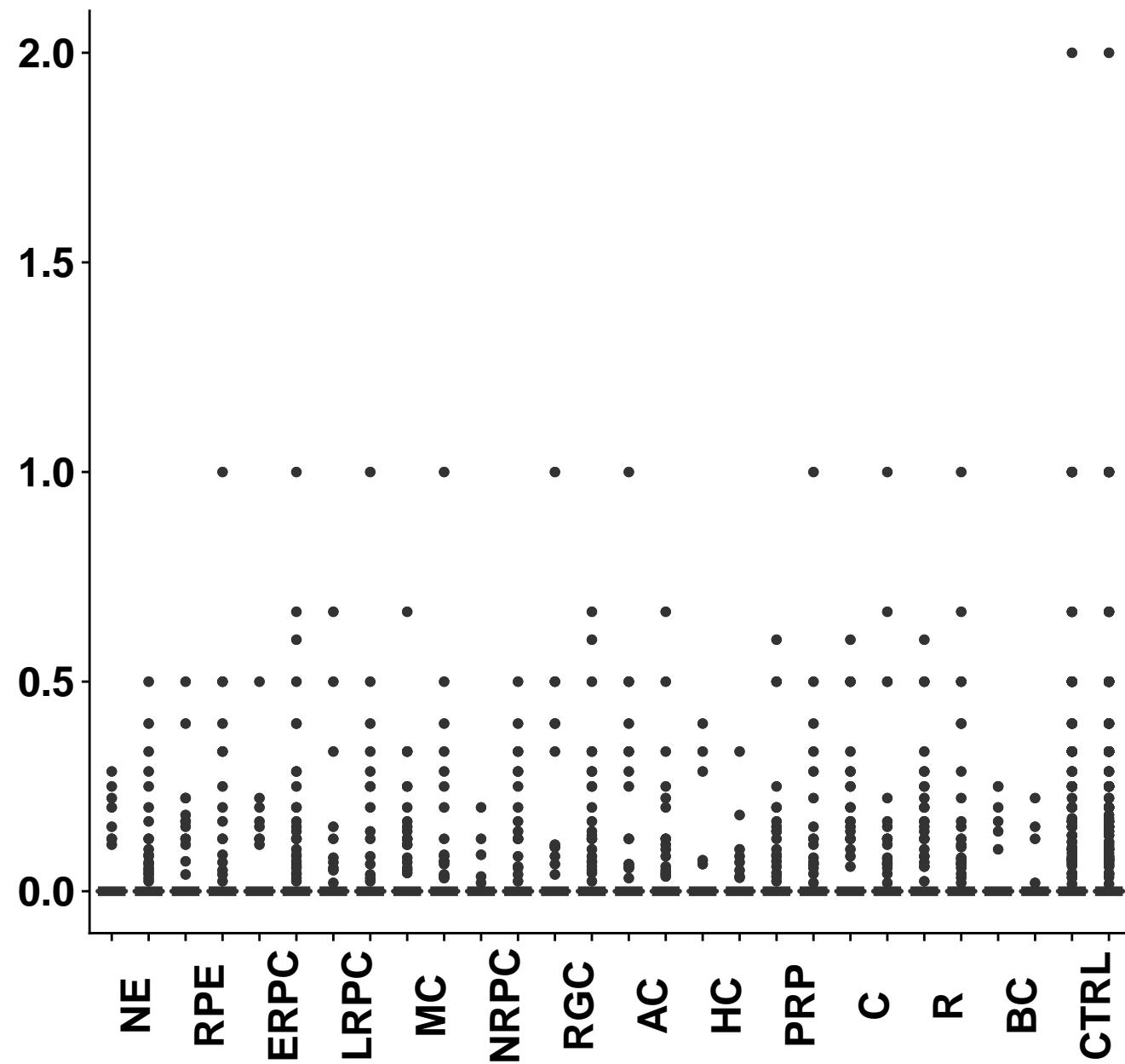


## Max\_4\_mean

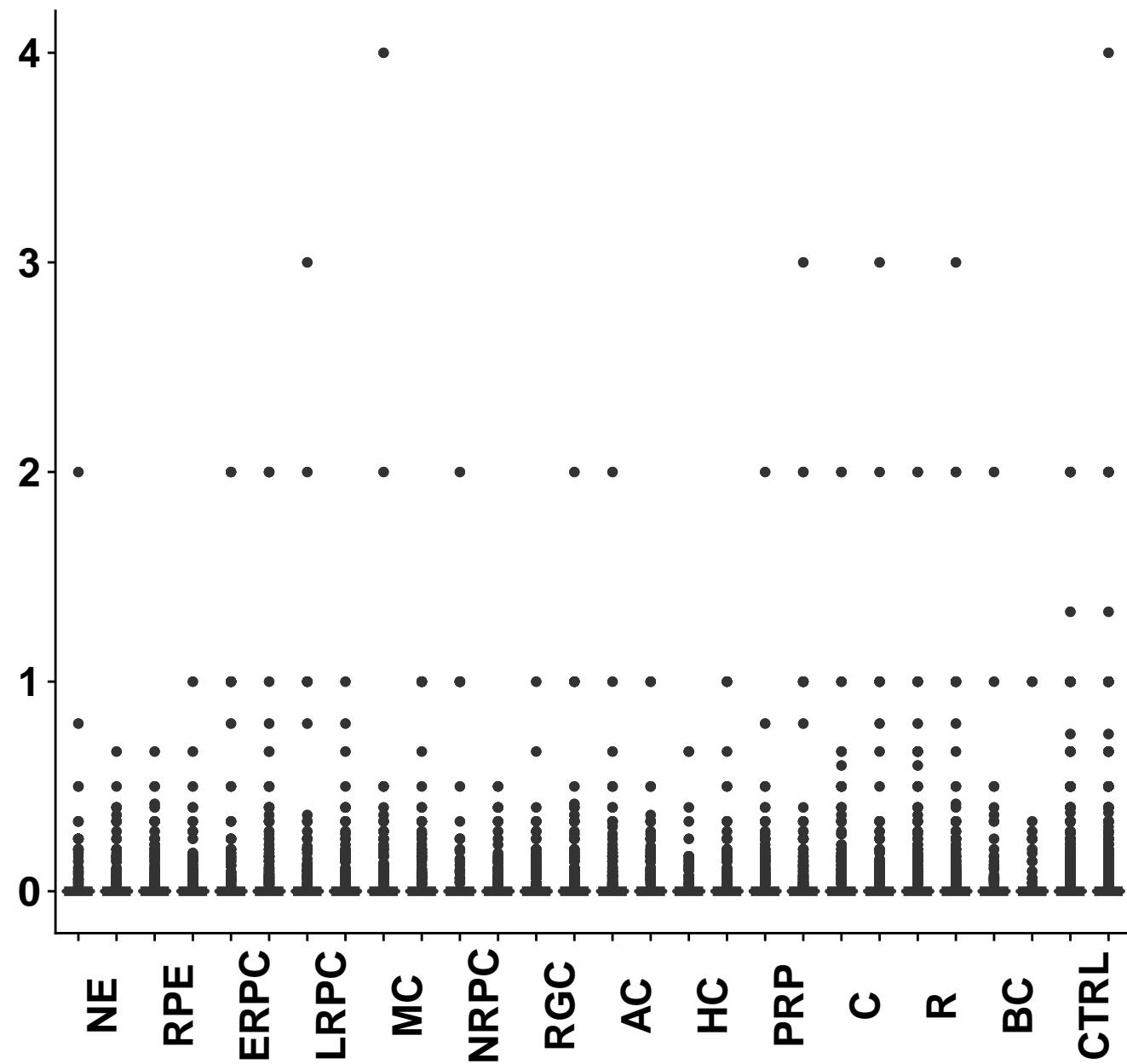




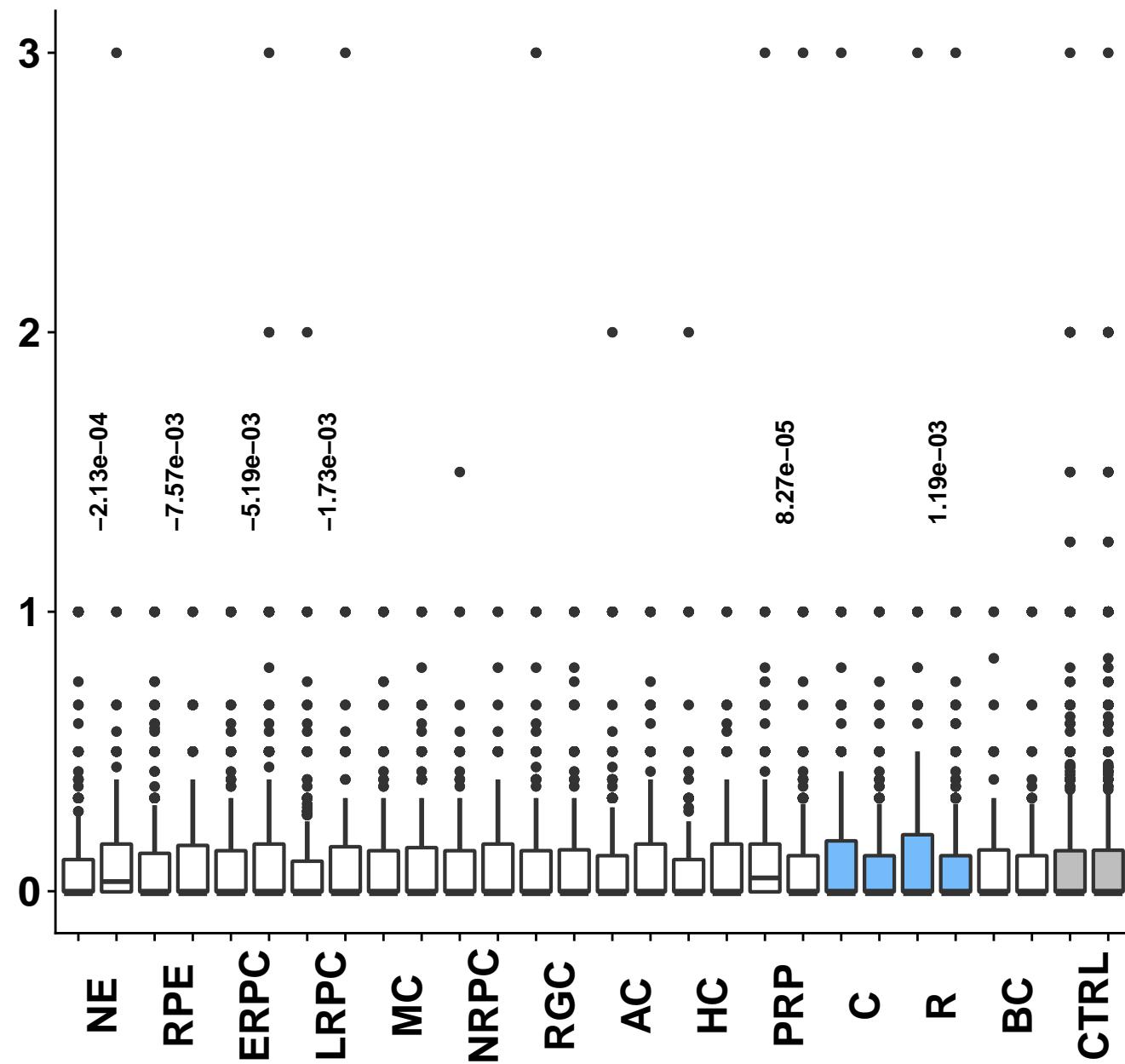
## Nr3c1\_1\_mean



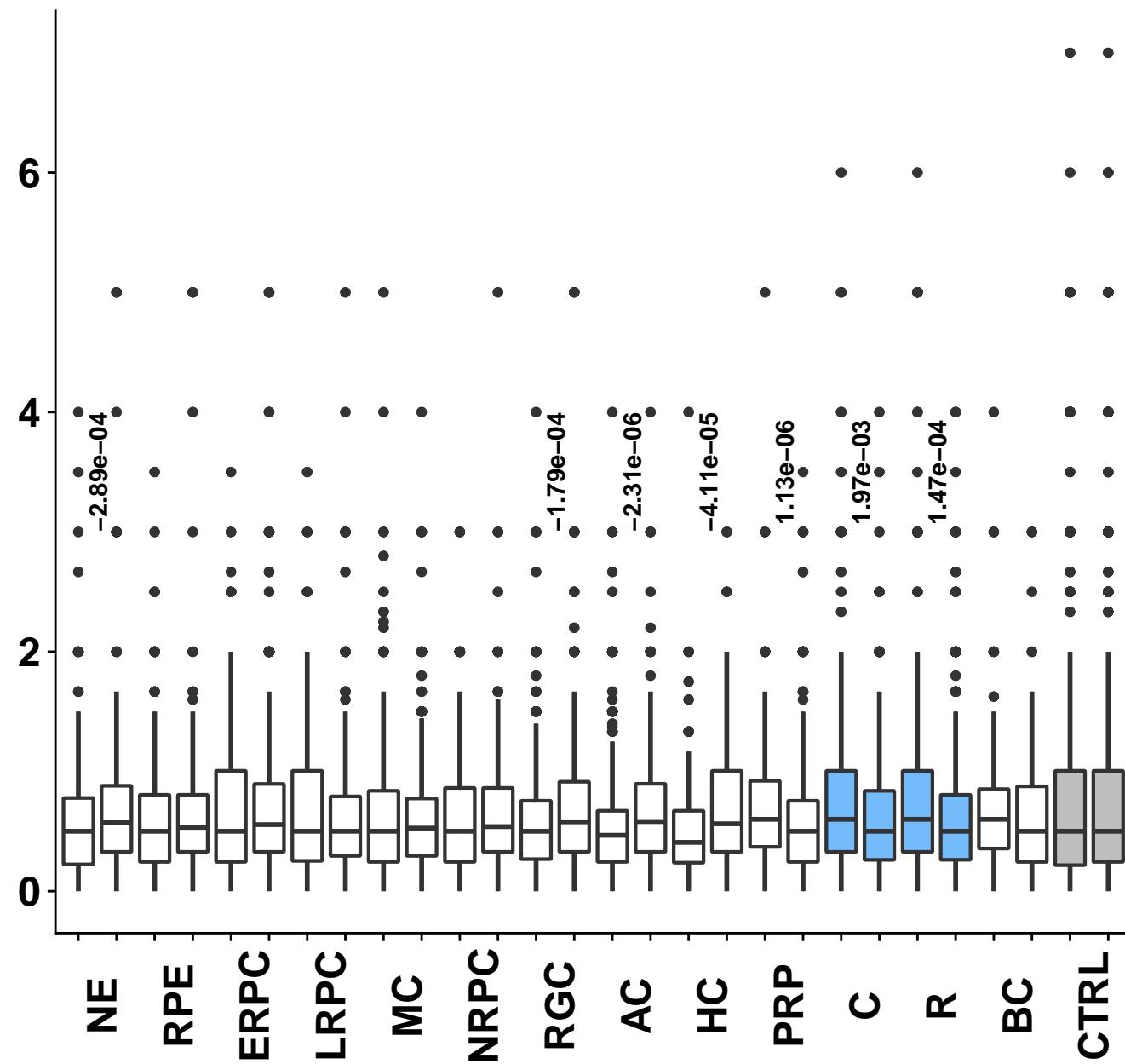
## Tef\_1\_mean



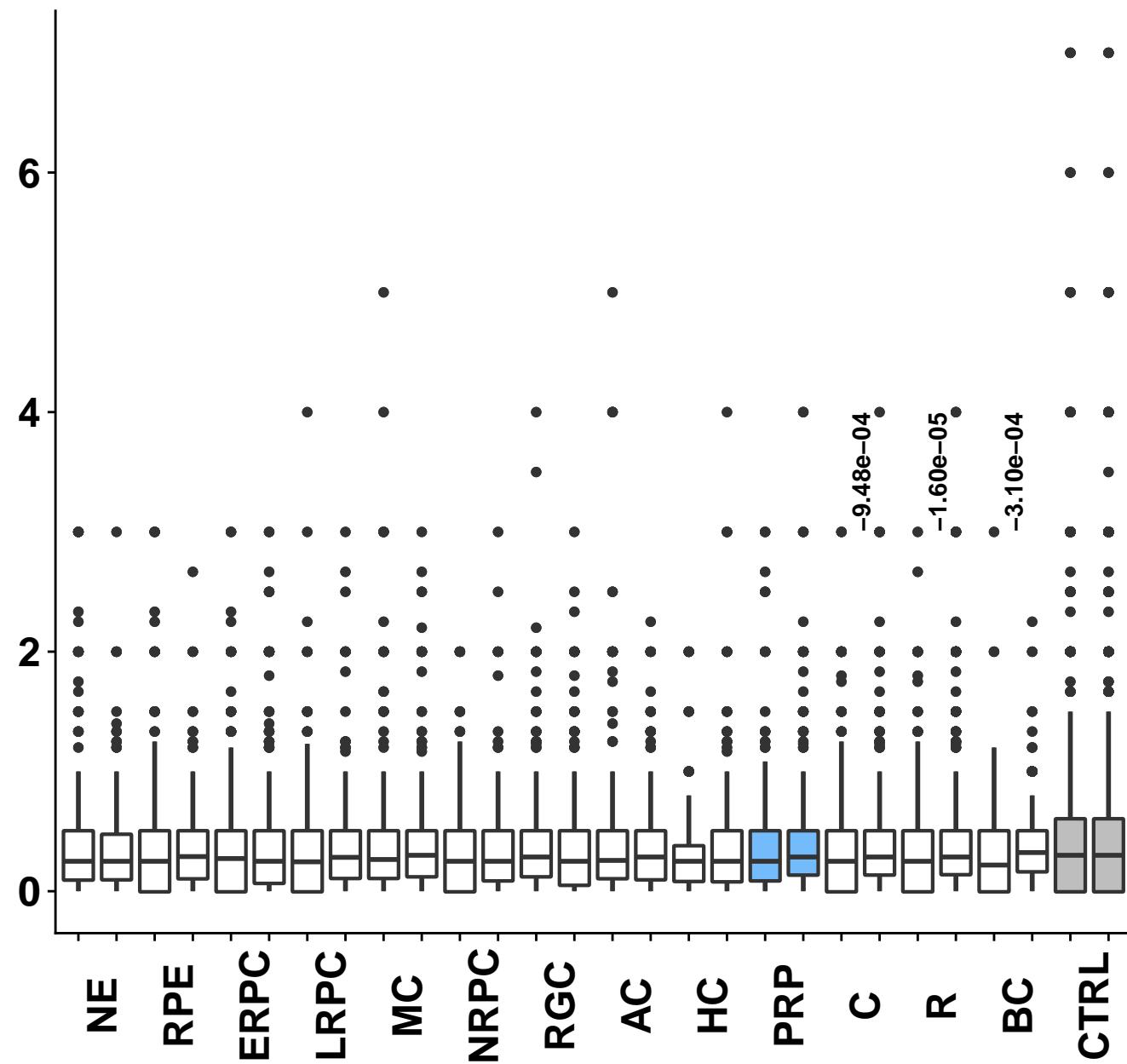
## Thrb\_1\_mean



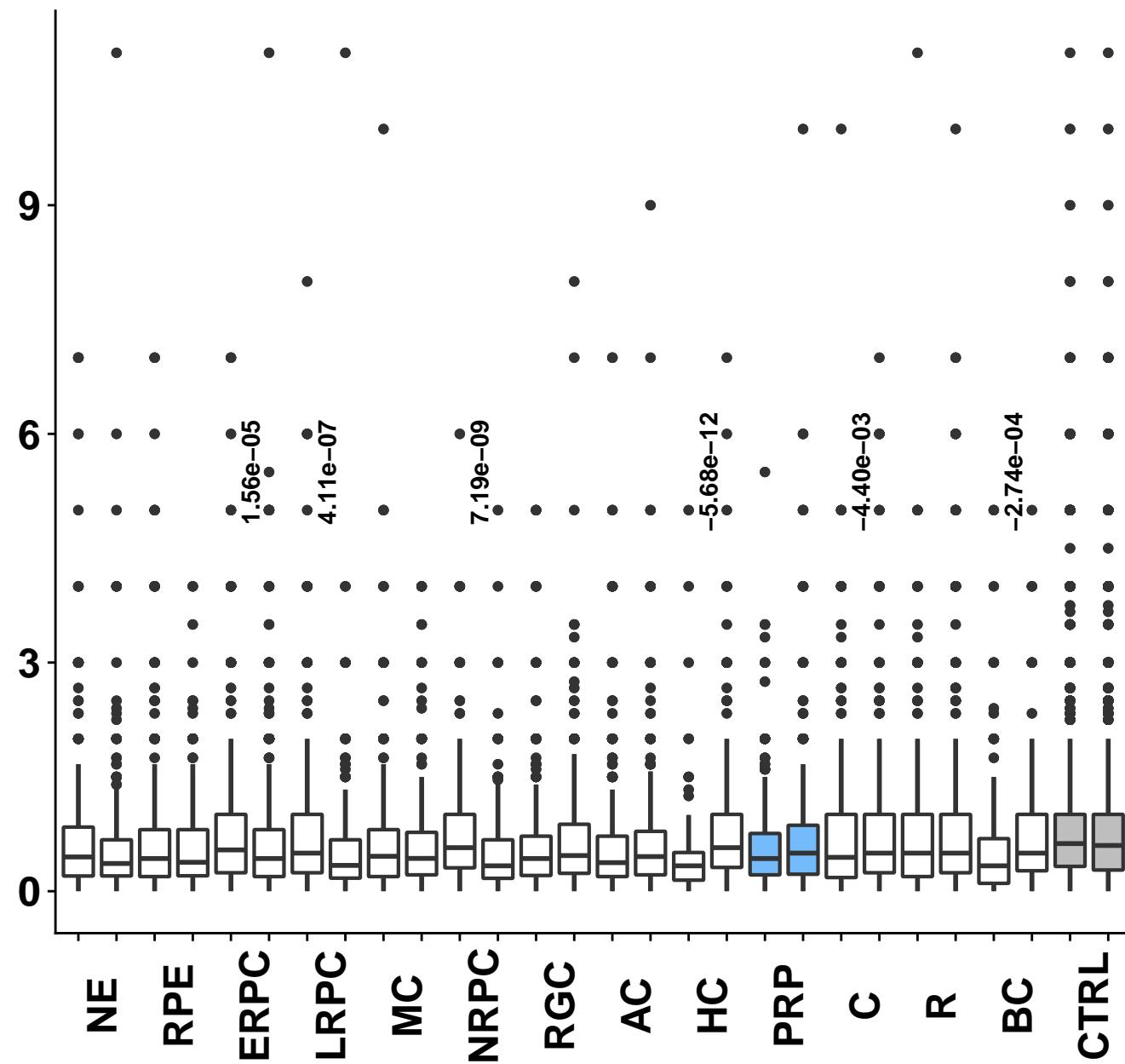
## Thrb\_2\_mean



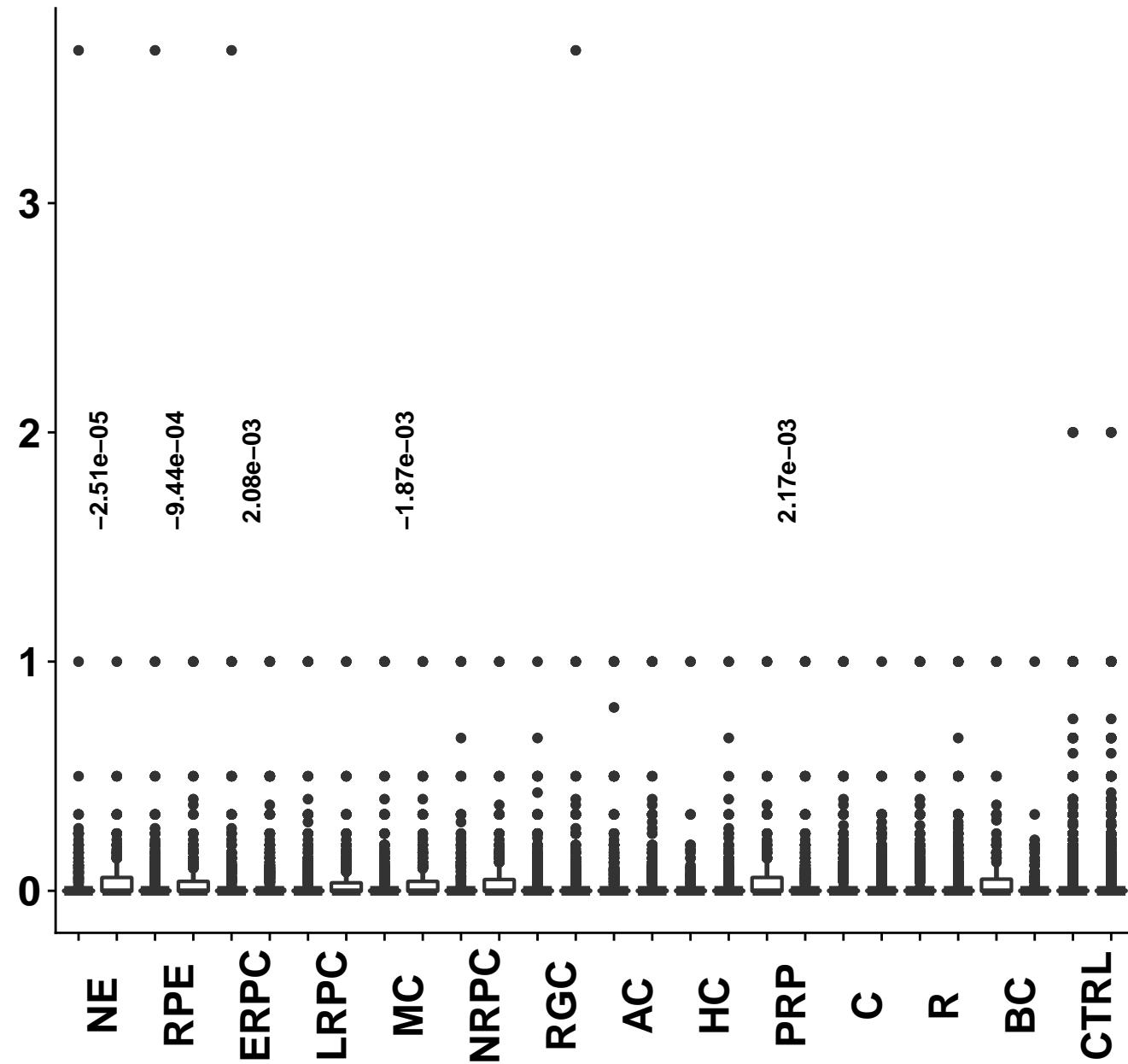
## Zbtb7a\_1\_mean



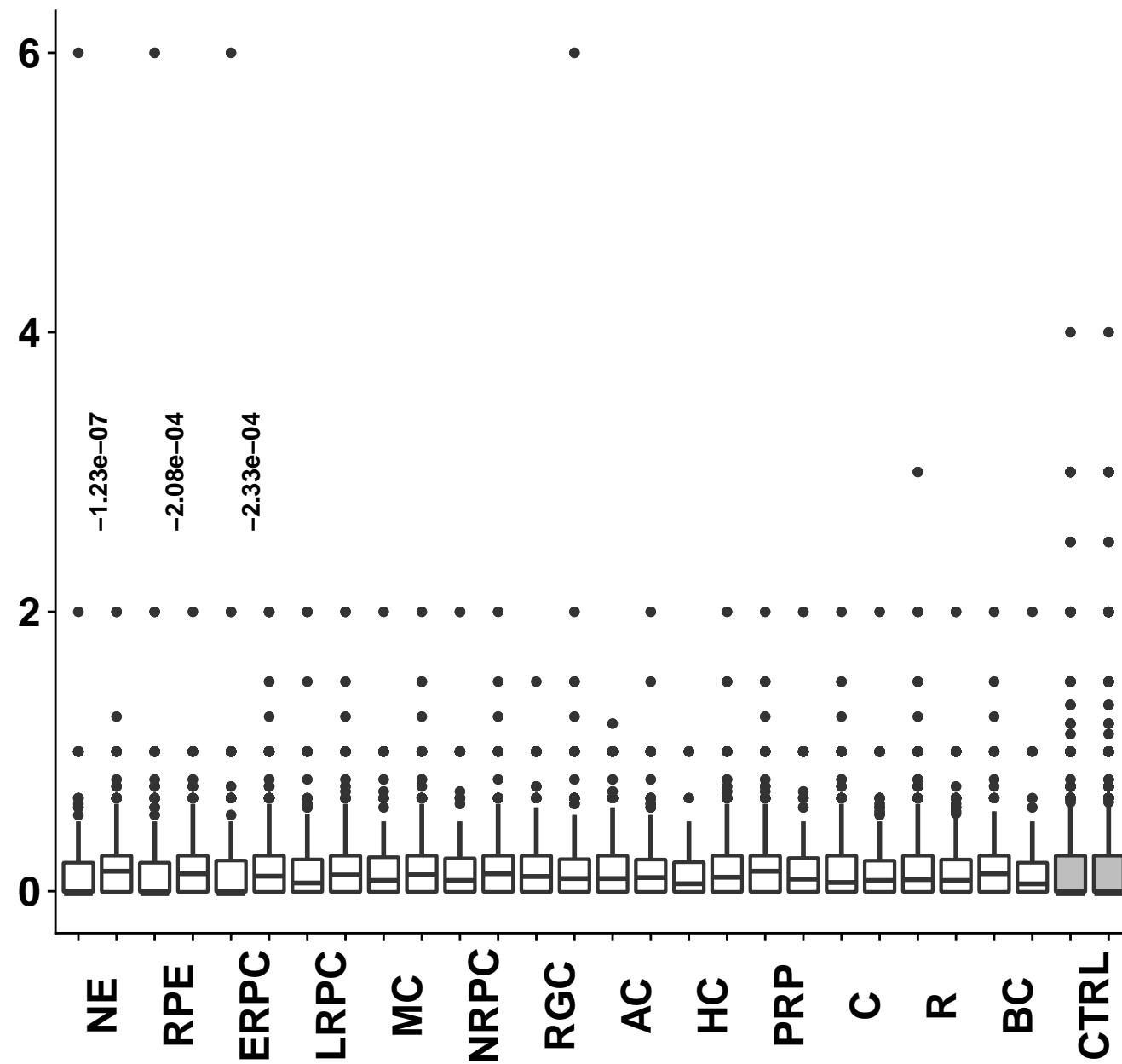
## Zbtb7a\_2\_mean



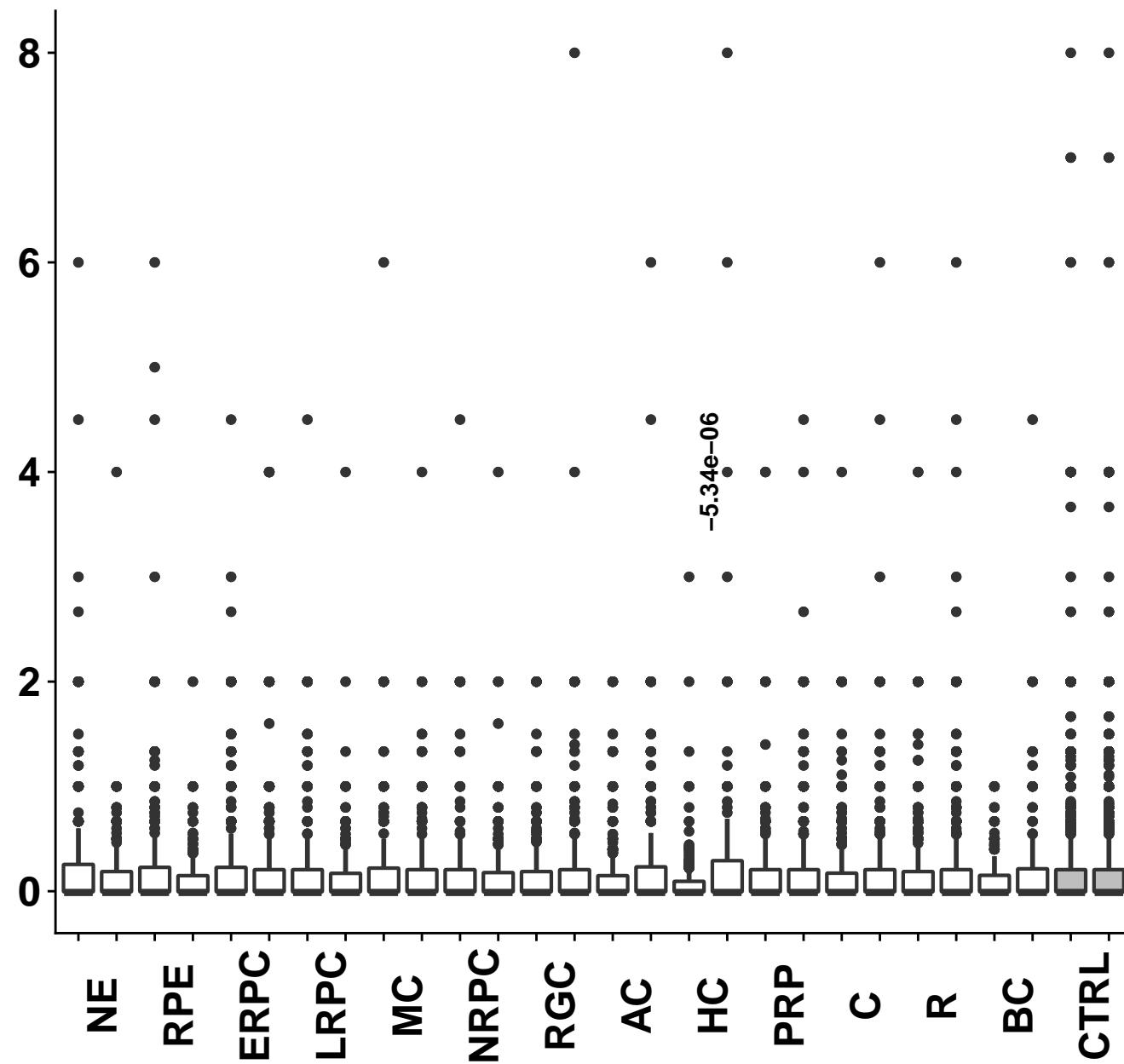
## Pbx3\_1\_mean



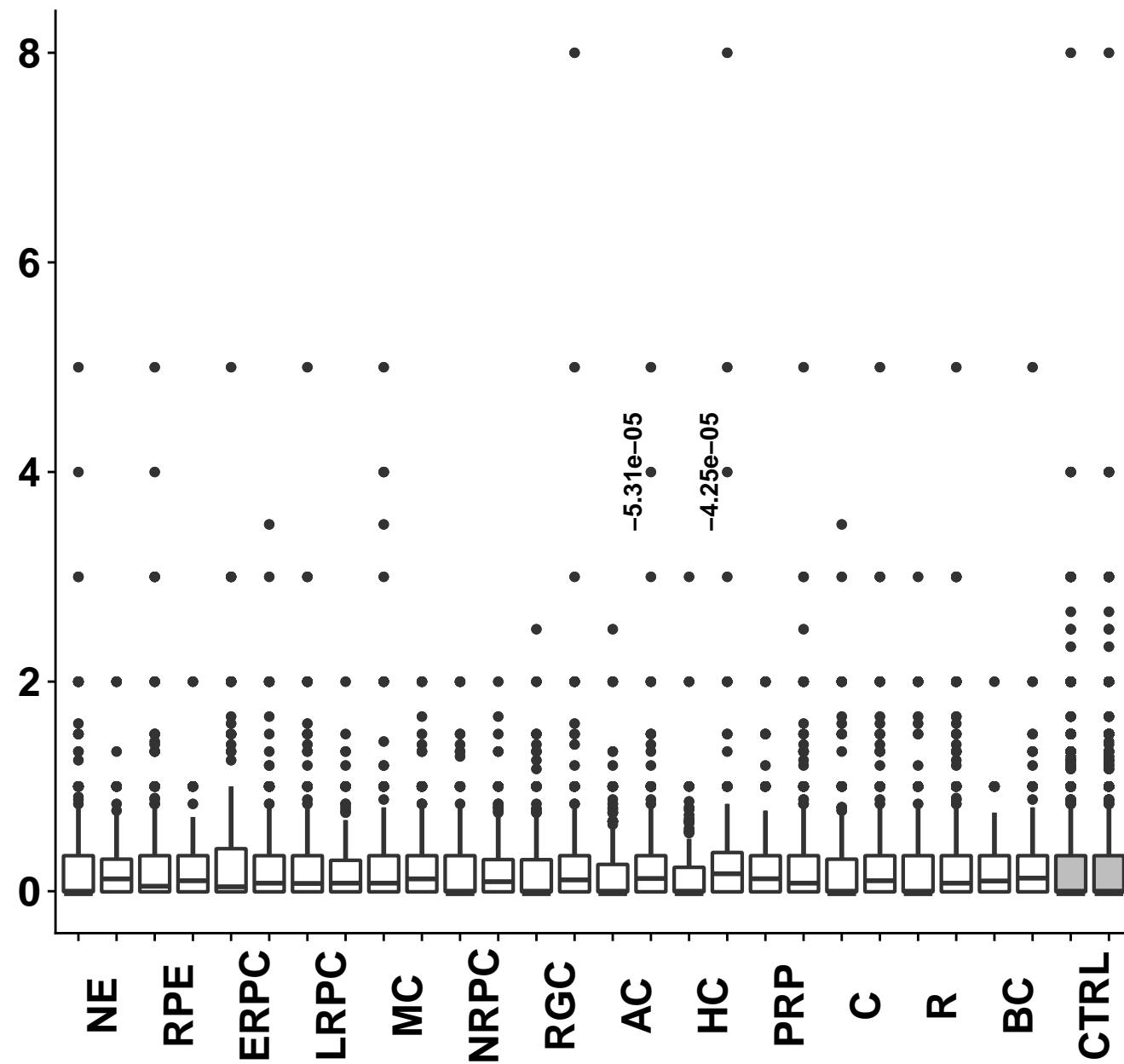
## Pbx3\_2\_mean



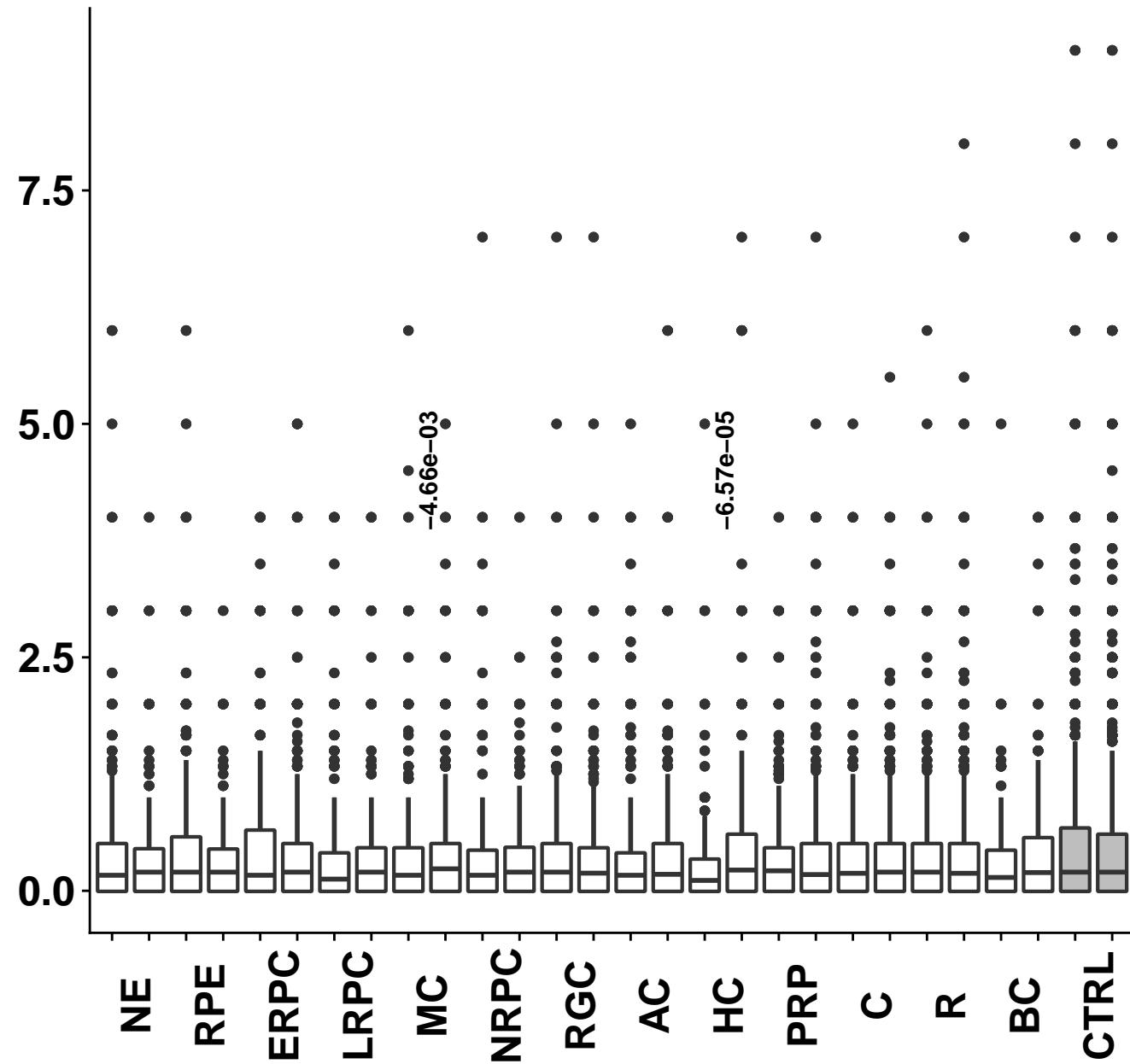
## Clock\_1\_mean



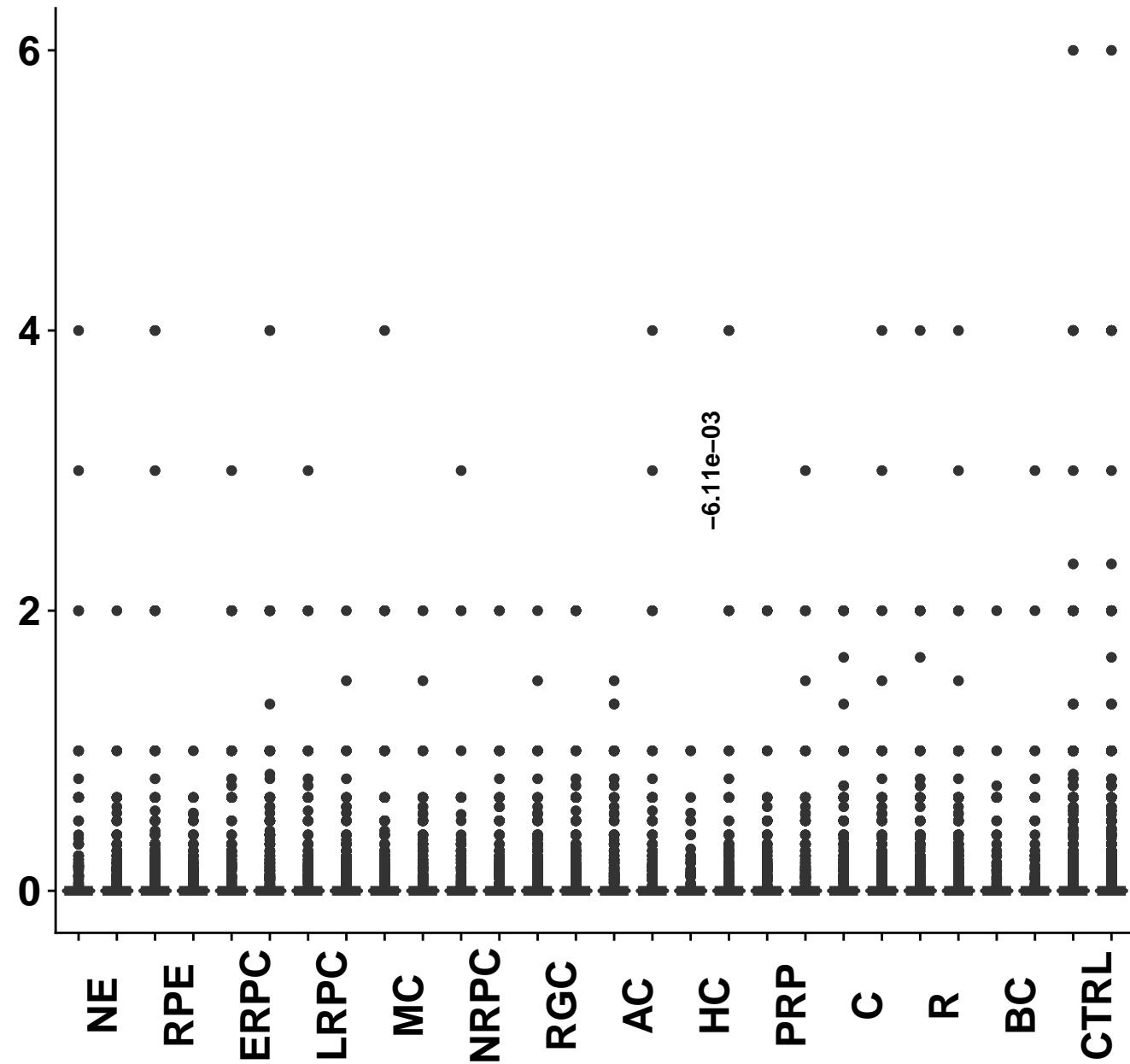
## Clock\_2\_mean



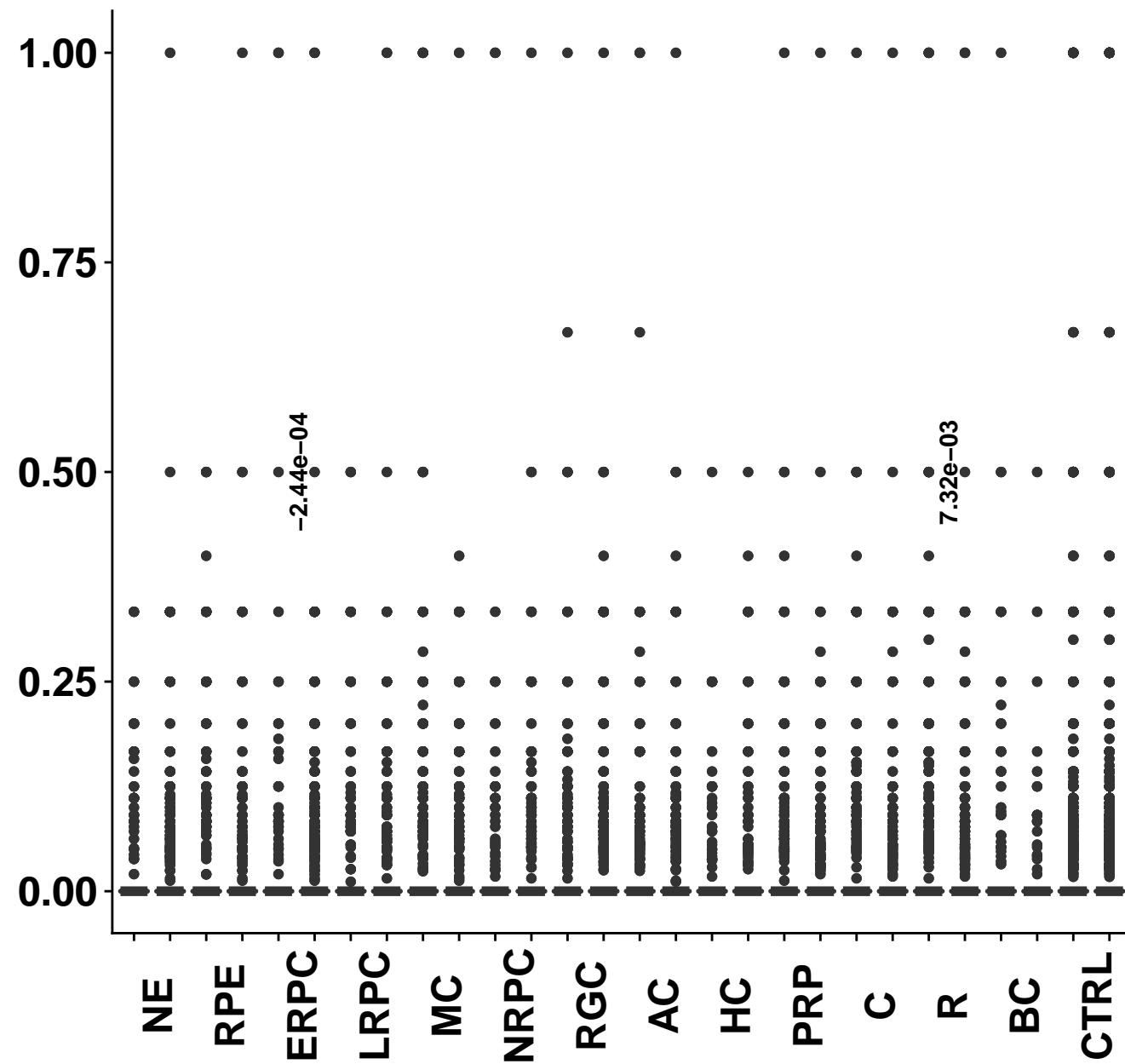
# Bhlhe41\_1\_mean



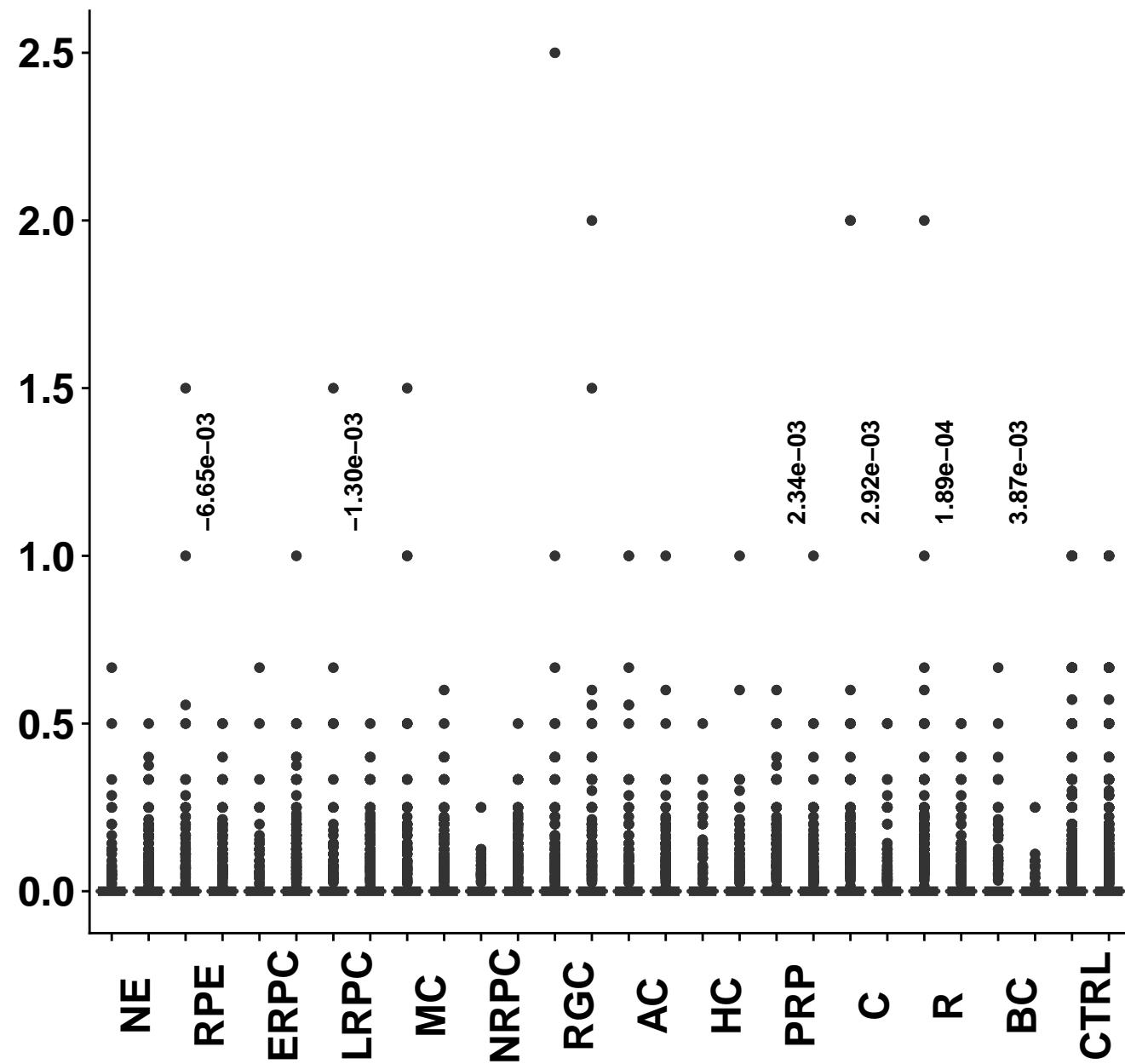
## Bhlhe41\_2\_mean



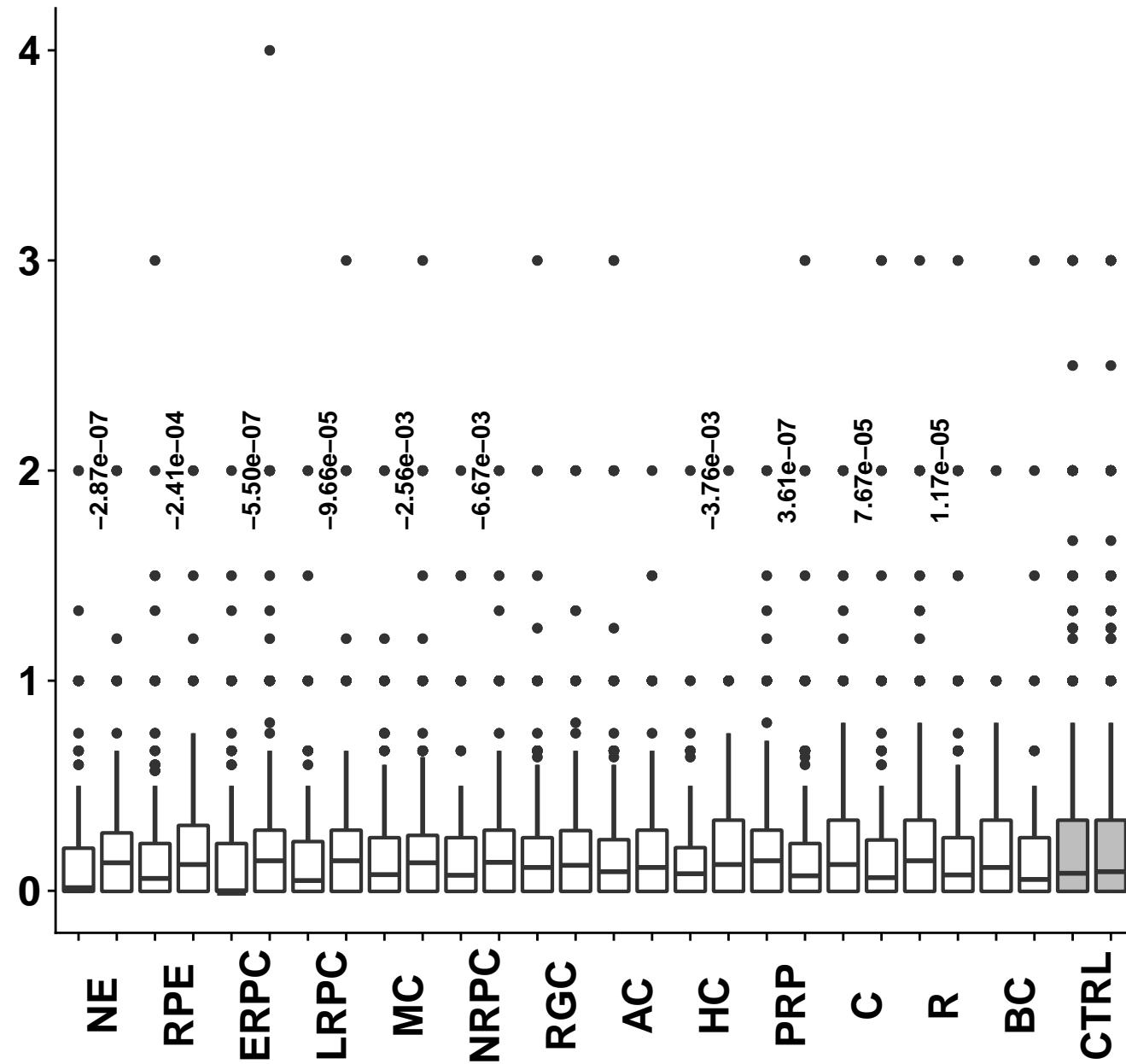
## Mef2a\_1\_mean



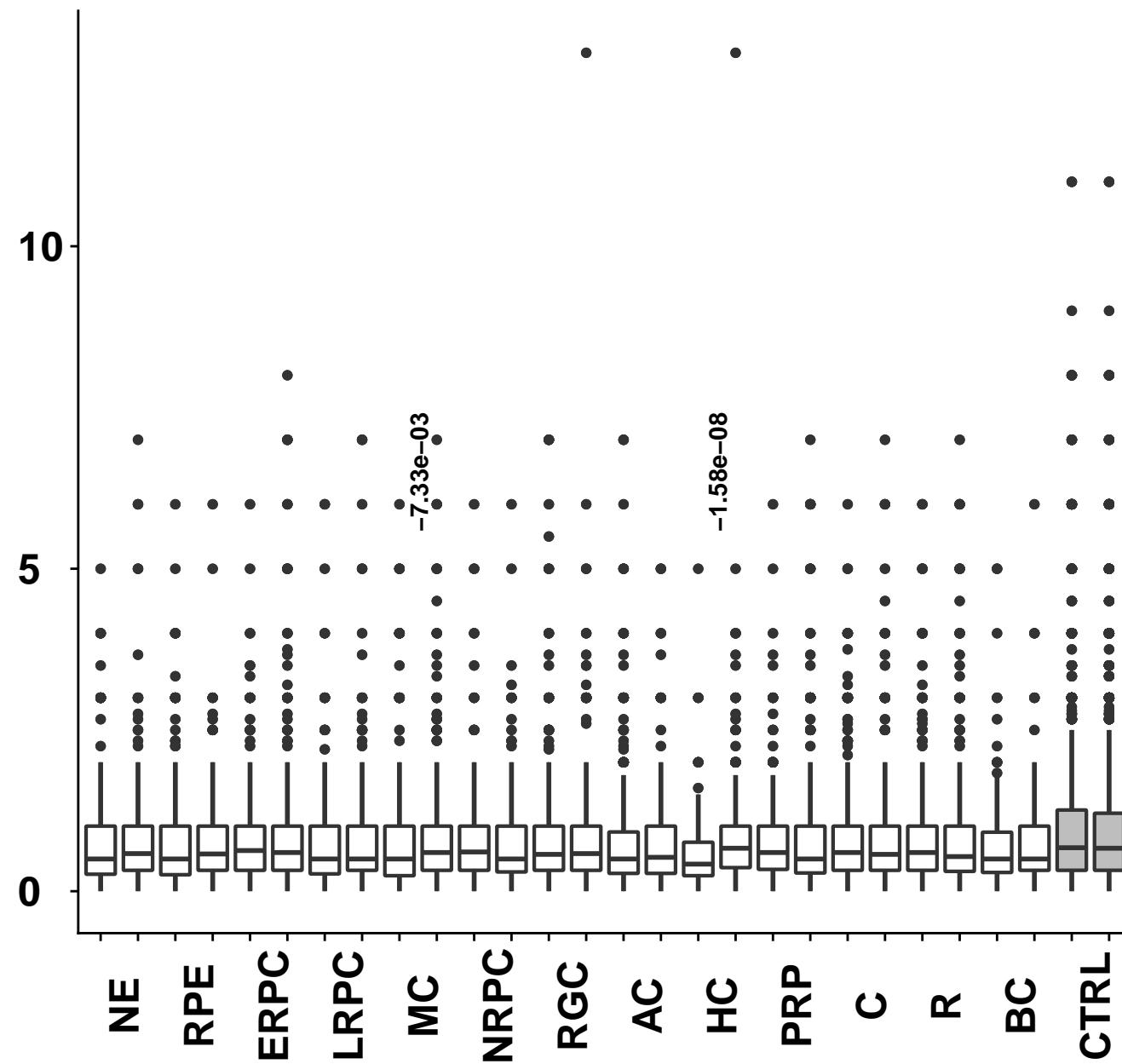
## Mef2a\_2\_mean



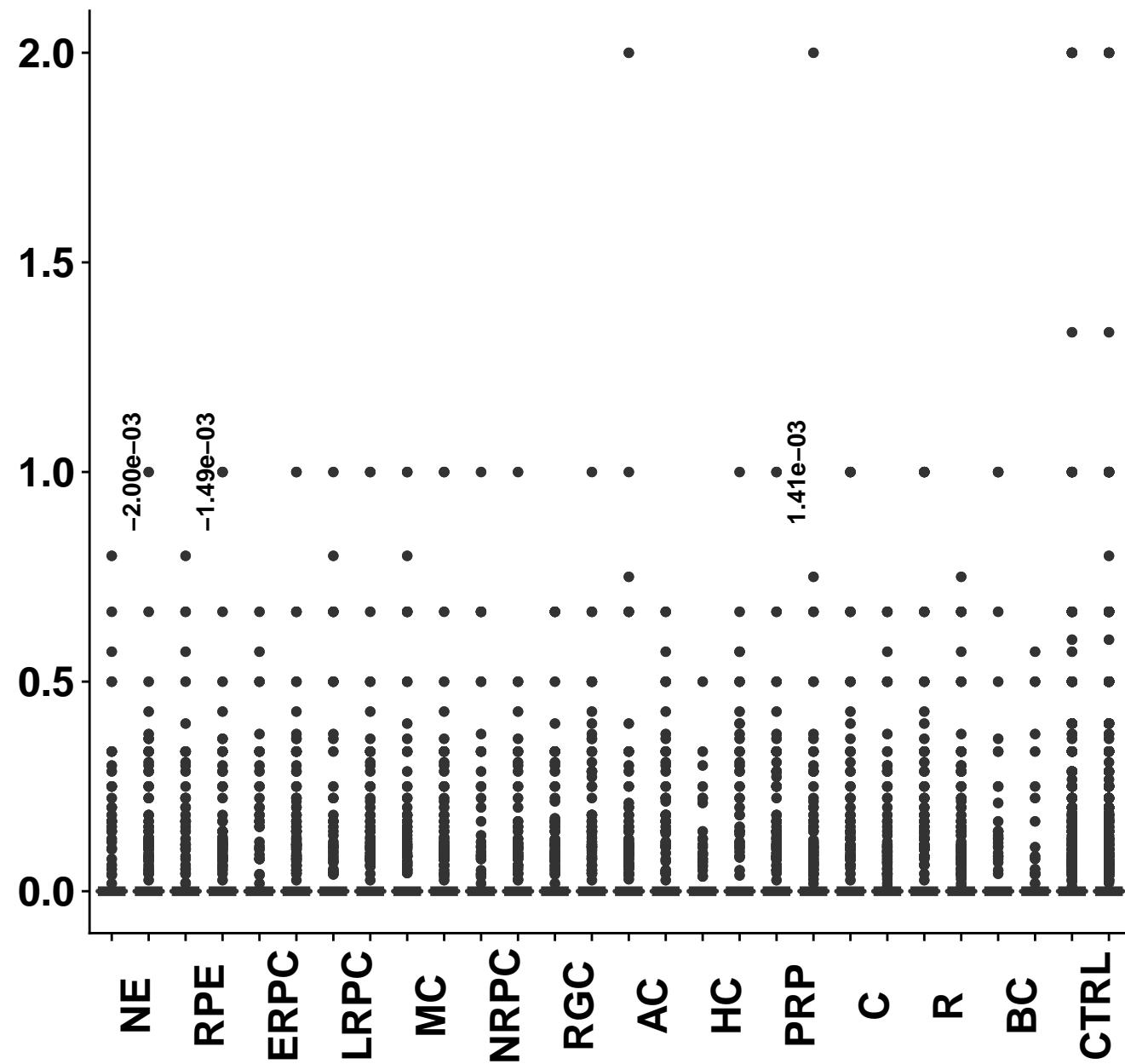
## Zeb1\_1\_mean



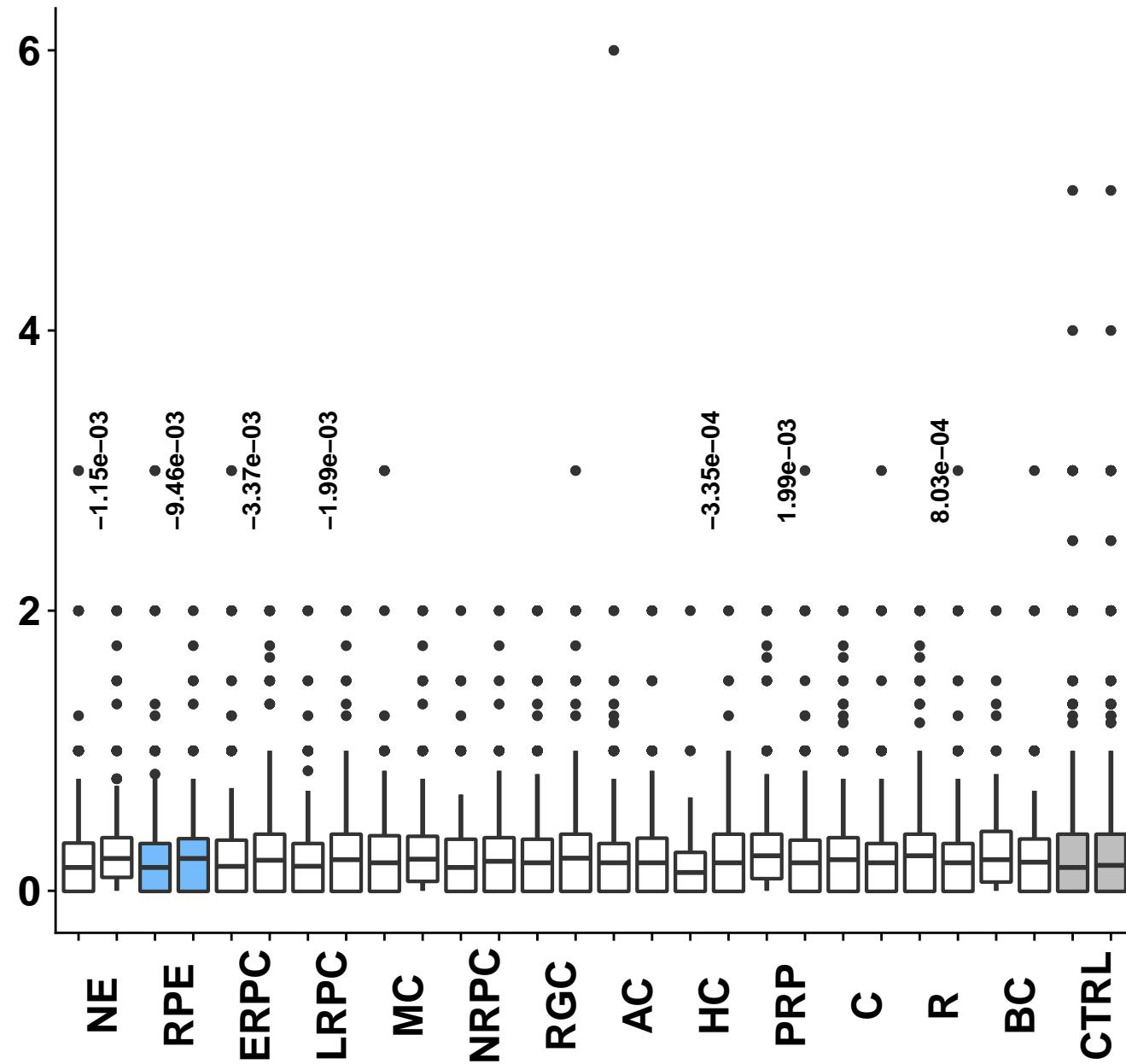
## Zeb1\_2\_mean



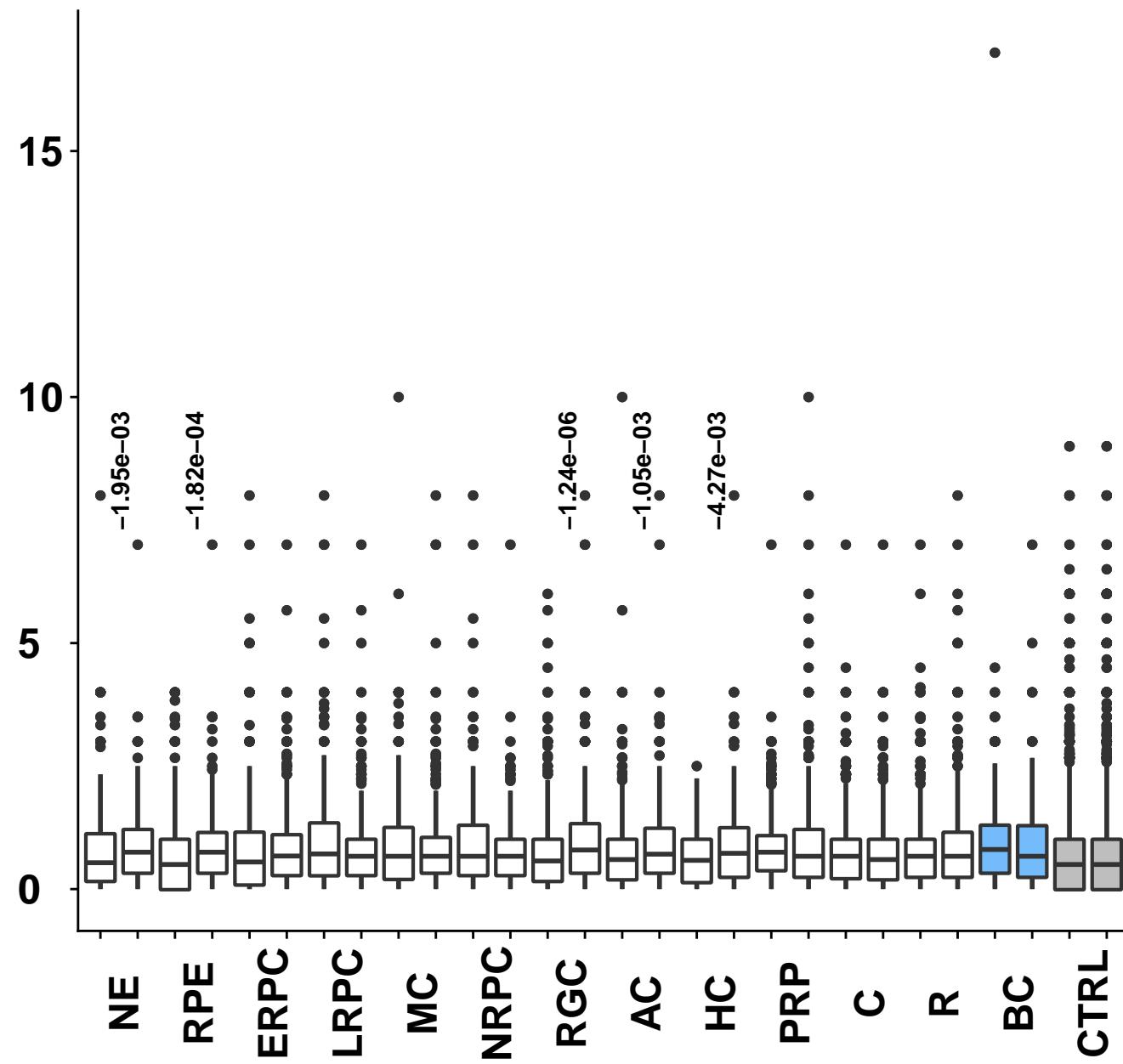
## Bhlhe23\_1\_mean



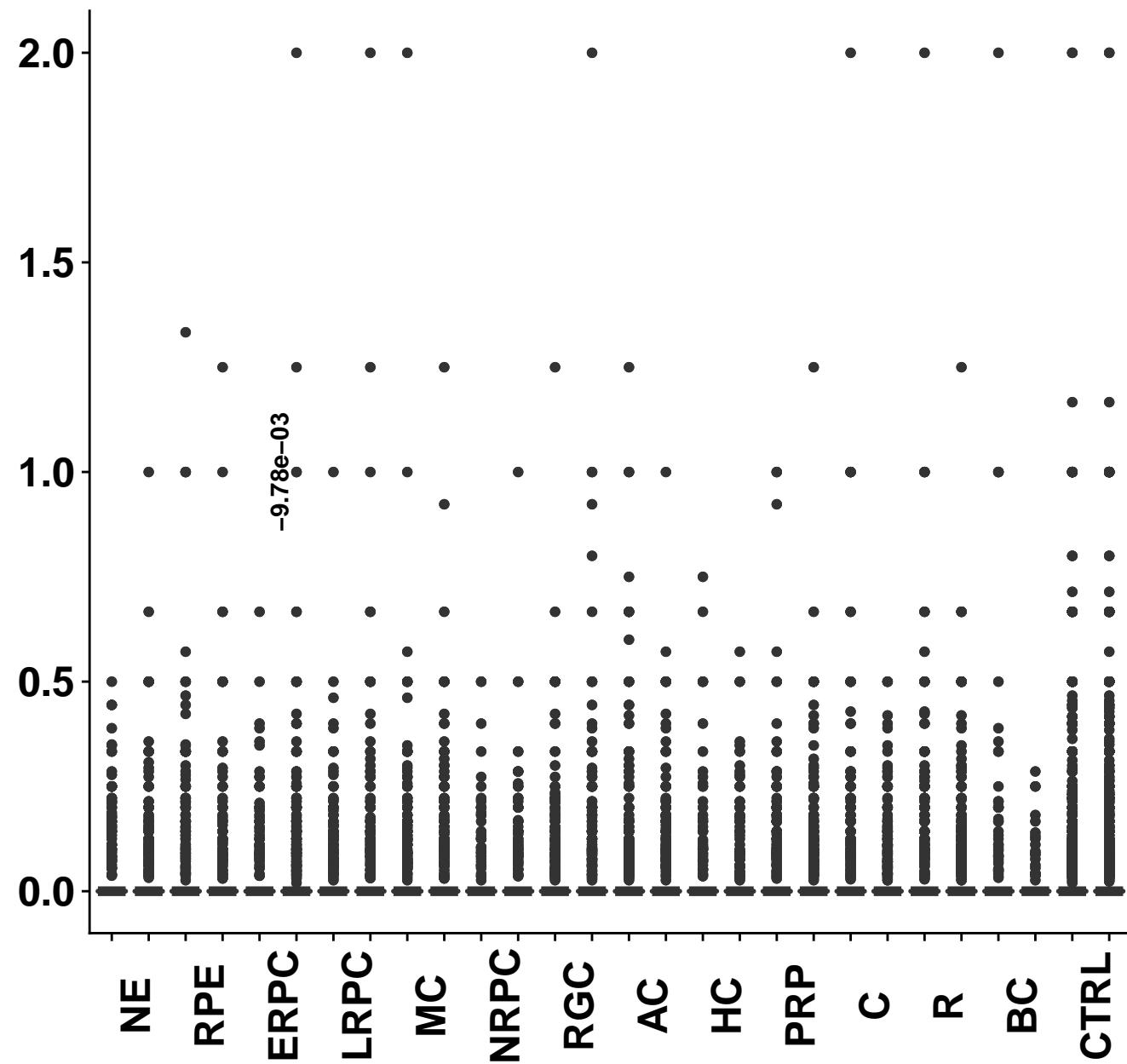
## Tbx2\_3\_mean



## Vsx1\_1\_mean



## Vsx1\_2\_mean



## Vsx2\_1\_mean

