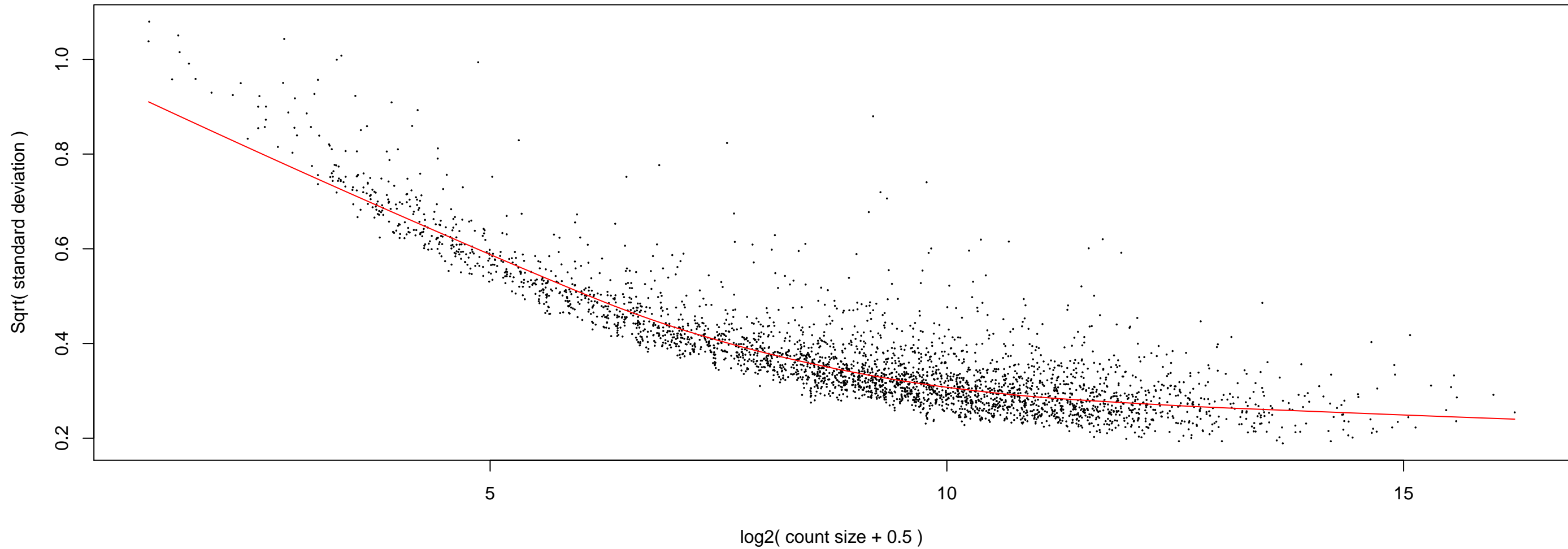
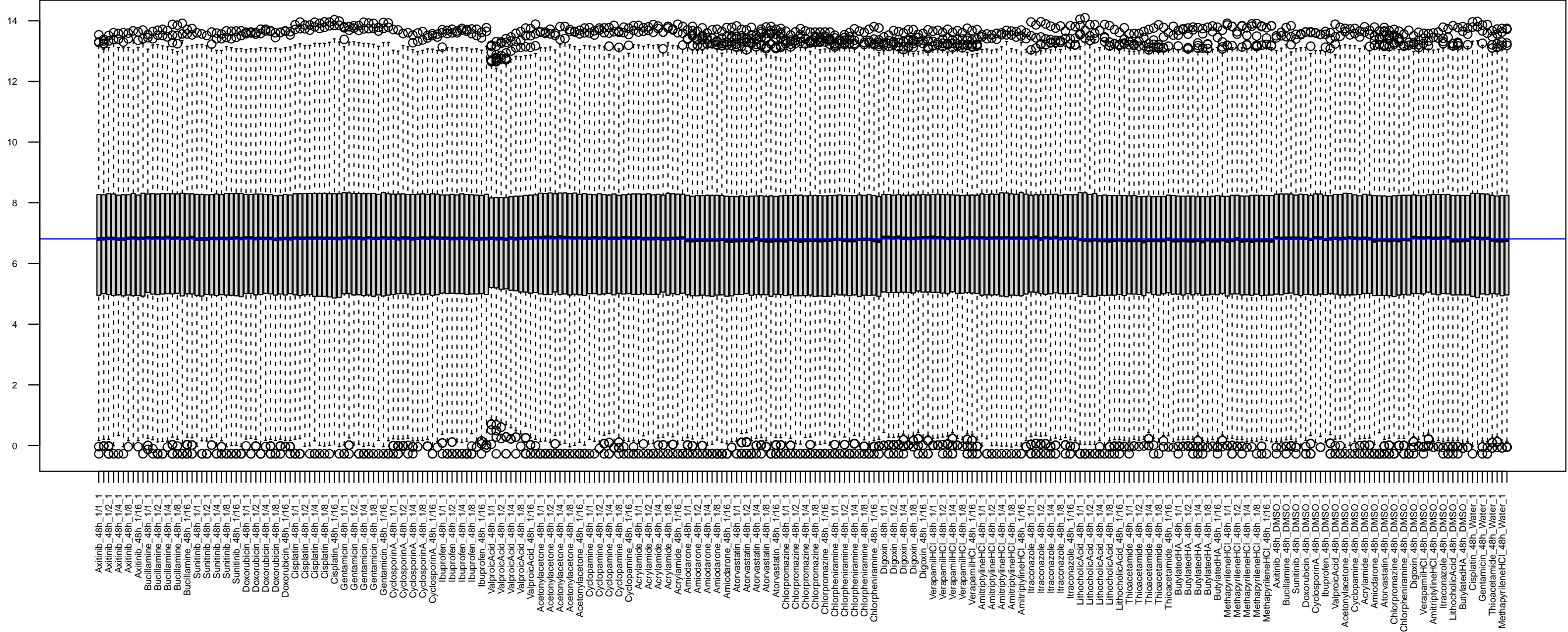


voom: Mean-variance trend



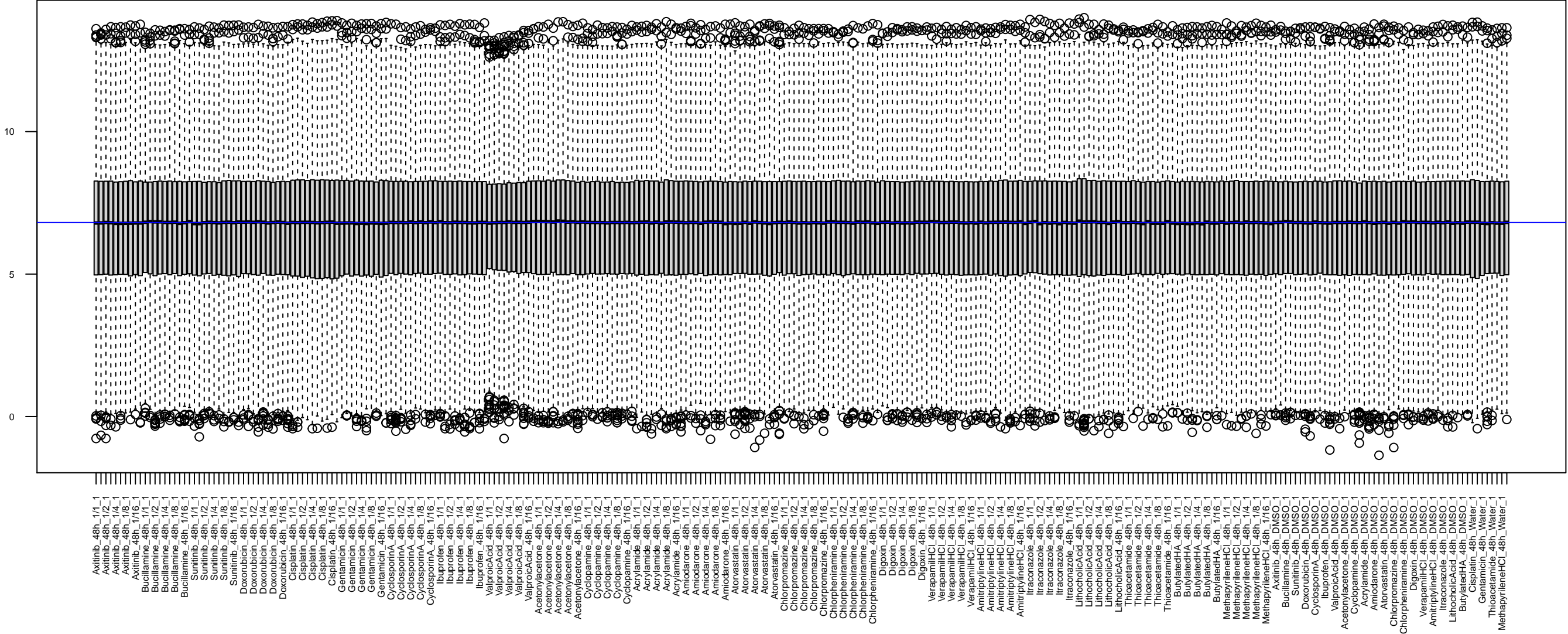
Unnormalized

Log2 counts per million



removeBatchEffect function

Log2 counts per million



Normalized by Voom nobatch

Log2 counts per million

10

5

0

-5

Axitinib_48h_1/1
Axitinib_48h_1/2
Axitinib_48h_1/4
Axitinib_48h_1/8
Axitinib_48h_1/16
Bucillamine_48h_1/1
Bucillamine_48h_1/2
Bucillamine_48h_1/4
Bucillamine_48h_1/8
Bucillamine_48h_1/16
Sunitinib_48h_1/1
Sunitinib_48h_1/2
Sunitinib_48h_1/4
Sunitinib_48h_1/8
Sunitinib_48h_1/16
Doxorubicin_48h_1/1
Doxorubicin_48h_1/2
Doxorubicin_48h_1/4
Doxorubicin_48h_1/8
Doxorubicin_48h_1/16
Cisplatin_48h_1/1
Cisplatin_48h_1/2
Cisplatin_48h_1/4
Cisplatin_48h_1/8
Cisplatin_48h_1/16
Gentamicin_48h_1/1
Gentamicin_48h_1/2
Gentamicin_48h_1/4
Gentamicin_48h_1/8
Gentamicin_48h_1/16
CyclosporinA_48h_1/1
CyclosporinA_48h_1/2
CyclosporinA_48h_1/4
CyclosporinA_48h_1/8
CyclosporinA_48h_1/16
Ibuprofen_48h_1/1
Ibuprofen_48h_1/2
Ibuprofen_48h_1/4
Ibuprofen_48h_1/8
Ibuprofen_48h_1/16
ValproicAcid_48h_1/1
ValproicAcid_48h_1/2
ValproicAcid_48h_1/4
ValproicAcid_48h_1/8
ValproicAcid_48h_1/16
Acetonylacetone_48h_1/1
Acetonylacetone_48h_1/2
Acetonylacetone_48h_1/4
Acetonylacetone_48h_1/8
Acetonylacetone_48h_1/16
Cyclopamine_48h_1/1
Cyclopamine_48h_1/2
Cyclopamine_48h_1/4
Cyclopamine_48h_1/8
Cyclopamine_48h_1/16
Acrylamide_48h_1/1
Acrylamide_48h_1/2
Acrylamide_48h_1/4
Acrylamide_48h_1/8
Acrylamide_48h_1/16
Amiodarone_48h_1/1
Amiodarone_48h_1/2
Amiodarone_48h_1/4
Amiodarone_48h_1/8
Amiodarone_48h_1/16
Atorvastatin_48h_1/1
Atorvastatin_48h_1/2
Atorvastatin_48h_1/4
Atorvastatin_48h_1/8
Atorvastatin_48h_1/16
Chlorpromazine_48h_1/1
Chlorpromazine_48h_1/2
Chlorpromazine_48h_1/4
Chlorpromazine_48h_1/8
Chlorpromazine_48h_1/16
Chlorpheniramine_48h_1/1
Chlorpheniramine_48h_1/2
Chlorpheniramine_48h_1/4
Chlorpheniramine_48h_1/8
Chlorpheniramine_48h_1/16
Digoxin_48h_1/1
Digoxin_48h_1/2
Digoxin_48h_1/4
Digoxin_48h_1/8
Digoxin_48h_1/16
VerapamilHCl_48h_1/1
VerapamilHCl_48h_1/2
VerapamilHCl_48h_1/4
VerapamilHCl_48h_1/8
VerapamilHCl_48h_1/16
AmitriptylineHCl_48h_1/1
AmitriptylineHCl_48h_1/2
AmitriptylineHCl_48h_1/4
AmitriptylineHCl_48h_1/8
AmitriptylineHCl_48h_1/16
Itraconazole_48h_1/1
Itraconazole_48h_1/2
Itraconazole_48h_1/4
Itraconazole_48h_1/8
Itraconazole_48h_1/16
LithocholicAcid_48h_1/1
LithocholicAcid_48h_1/2
LithocholicAcid_48h_1/4
LithocholicAcid_48h_1/8
LithocholicAcid_48h_1/16
Thioacetamide_48h_1/1
Thioacetamide_48h_1/2
Thioacetamide_48h_1/4
Thioacetamide_48h_1/8
Thioacetamide_48h_1/16
ButyrateHA_48h_1/1
ButyrateHA_48h_1/2
ButyrateHA_48h_1/4
ButyrateHA_48h_1/8
ButyrateHA_48h_1/16
MethapyrieneHCl_48h_1/1
MethapyrieneHCl_48h_1/2
MethapyrieneHCl_48h_1/4
MethapyrieneHCl_48h_1/8
MethapyrieneHCl_48h_1/16
Axitinib_48h_DMSO_1
Bucillamine_48h_DMSO_1
Sunitinib_48h_DMSO_1
Doxorubicin_48h_DMSO_1
CyclosporinA_48h_DMSO_1
Ibuprofen_48h_DMSO_1
ValproicAcid_48h_DMSO_1
Cyclopamine_48h_DMSO_1
Acrylamide_48h_DMSO_1
Amiodarone_48h_DMSO_1
Atorvastatin_48h_DMSO_1
Chlorpromazine_48h_DMSO_1
Digoxin_48h_DMSO_1
VerapamilHCl_48h_DMSO_1
AmitriptylineHCl_48h_DMSO_1
Itraconazole_48h_DMSO_1
LithocholicAcid_48h_DMSO_1
ButyrateHA_48h_DMSO_1
Cisplatin_48h_Water_1
Gentamicin_48h_Water_1
MethapyrieneHCl_48h_Water_1