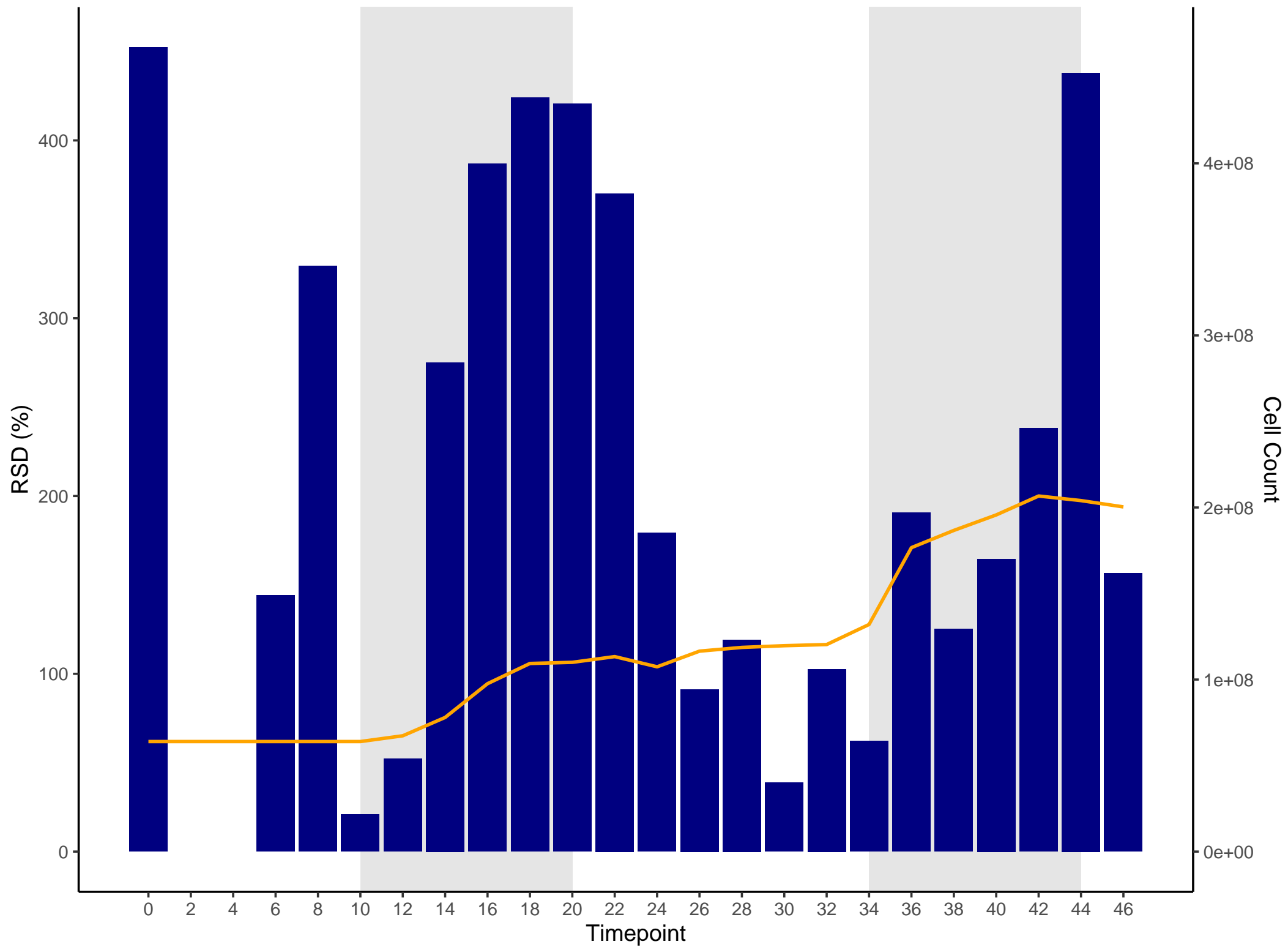
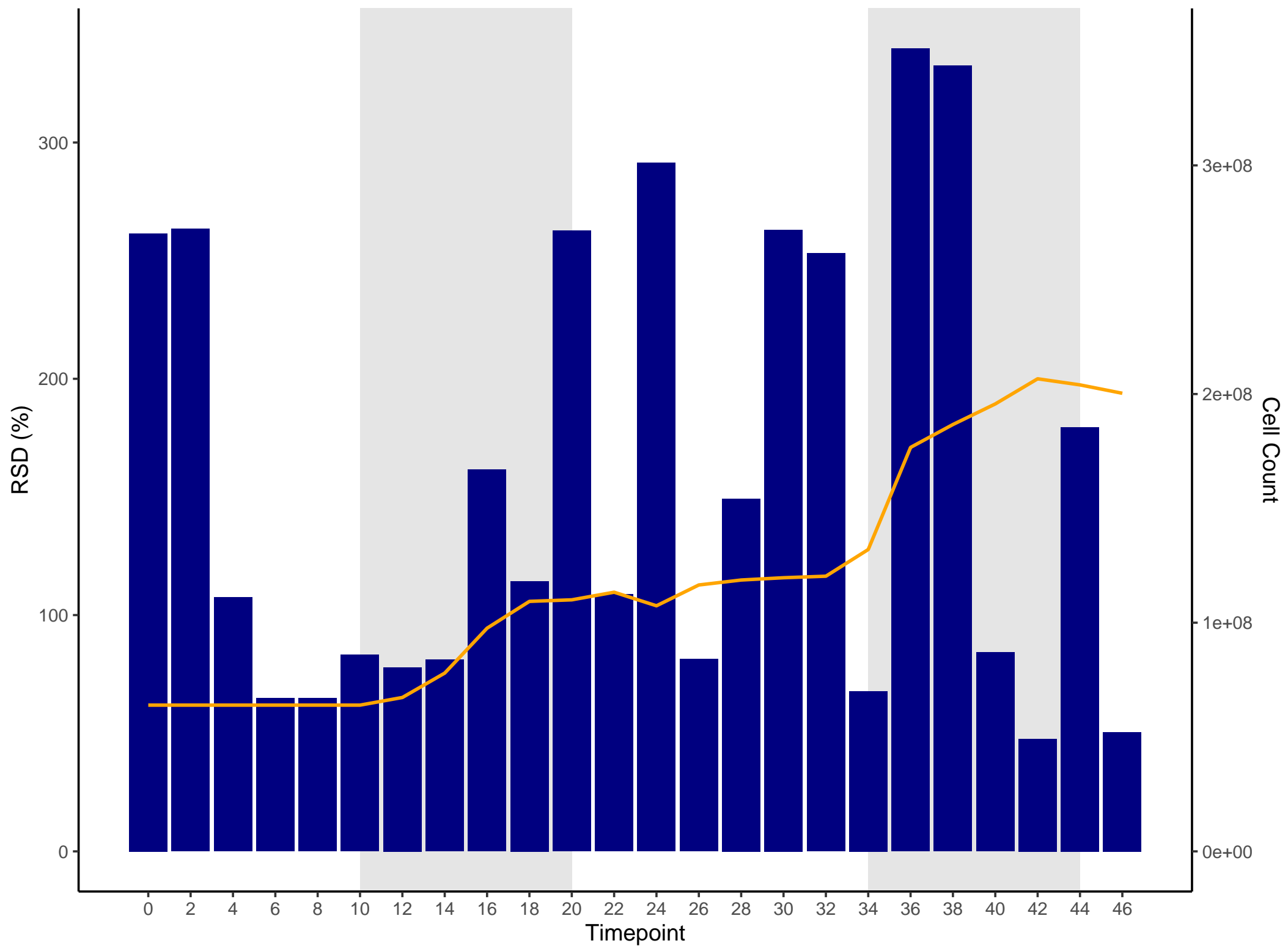


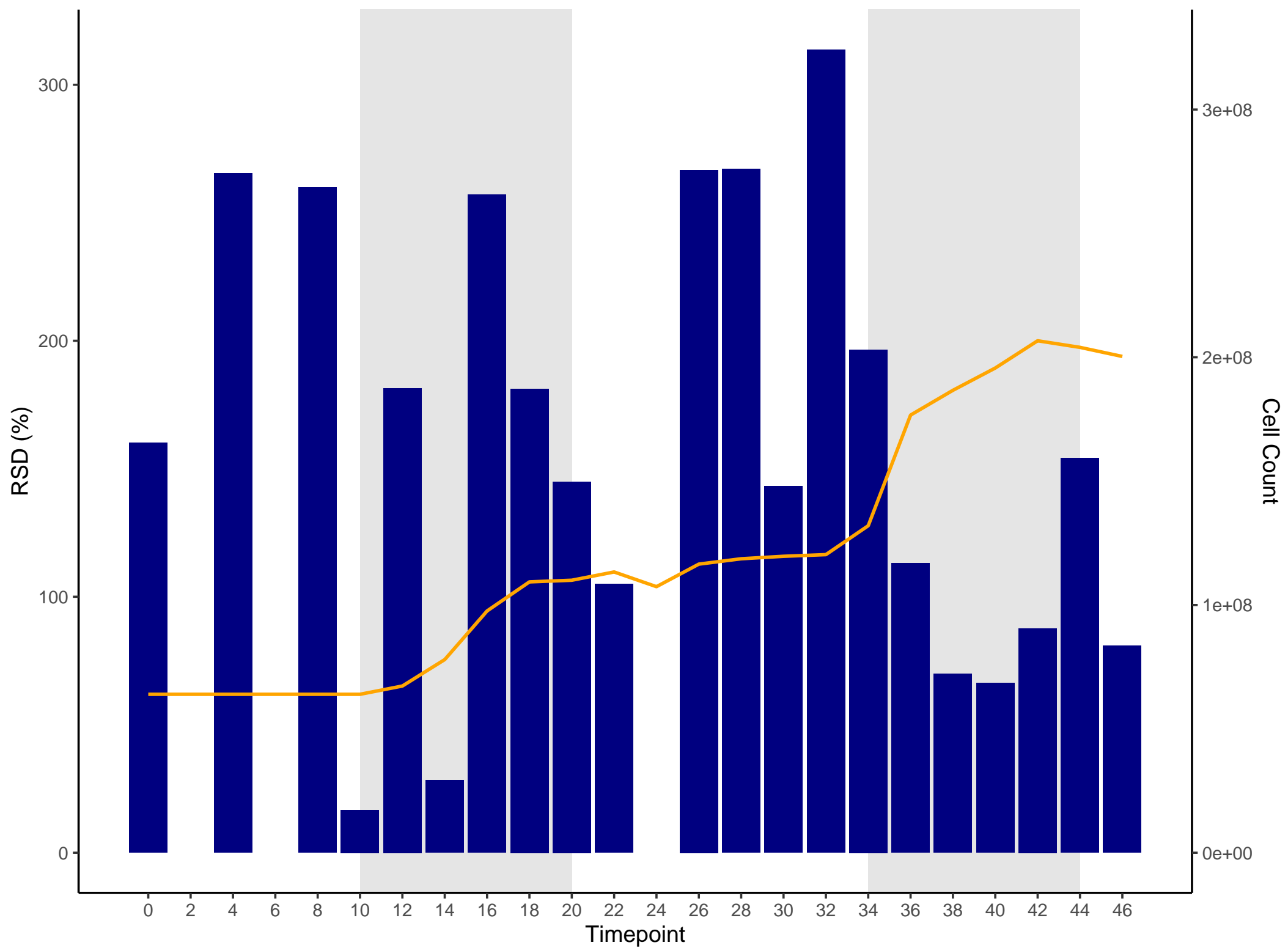
glutamine



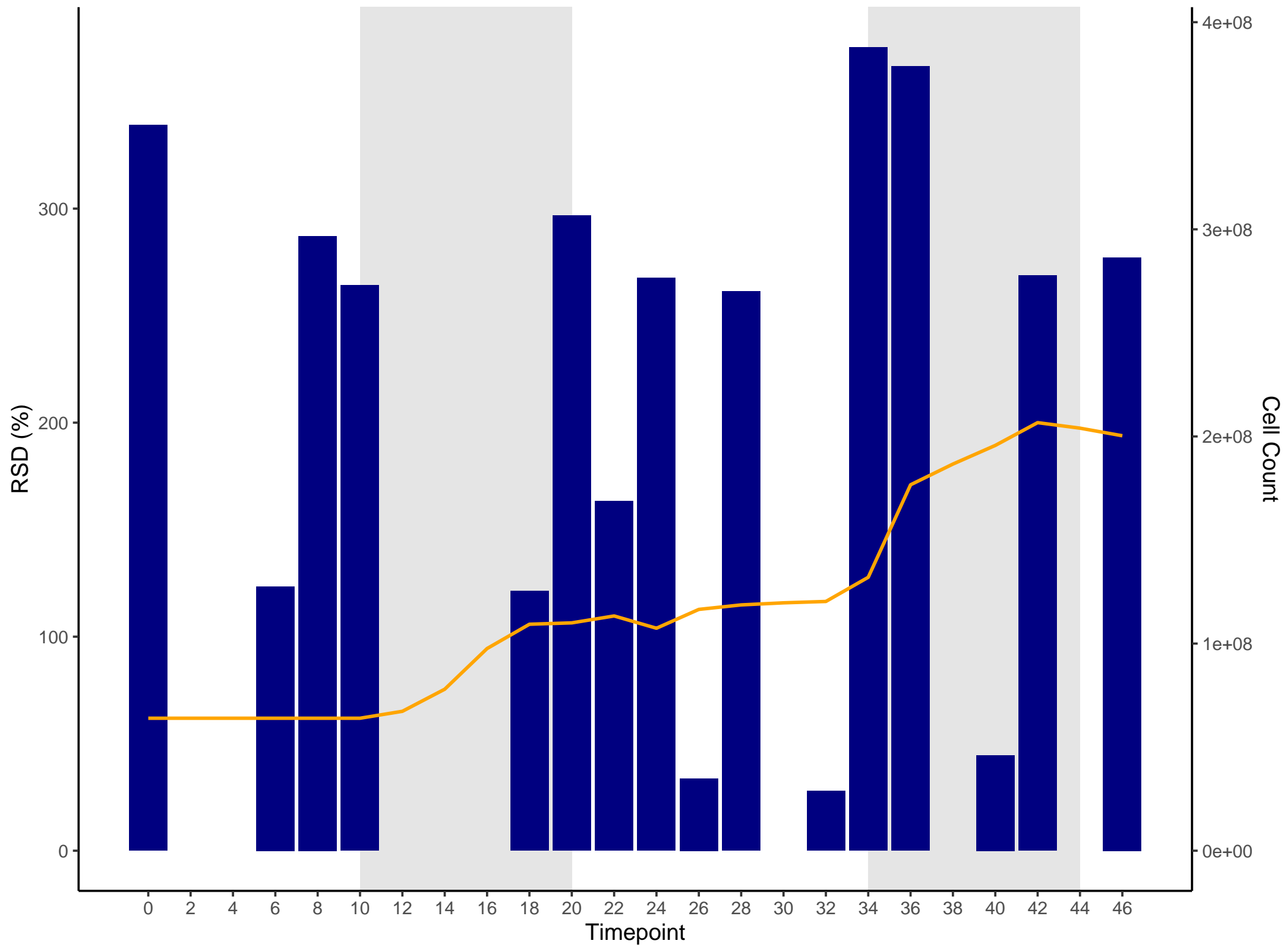
# adenosine 5'-monophosphate pos



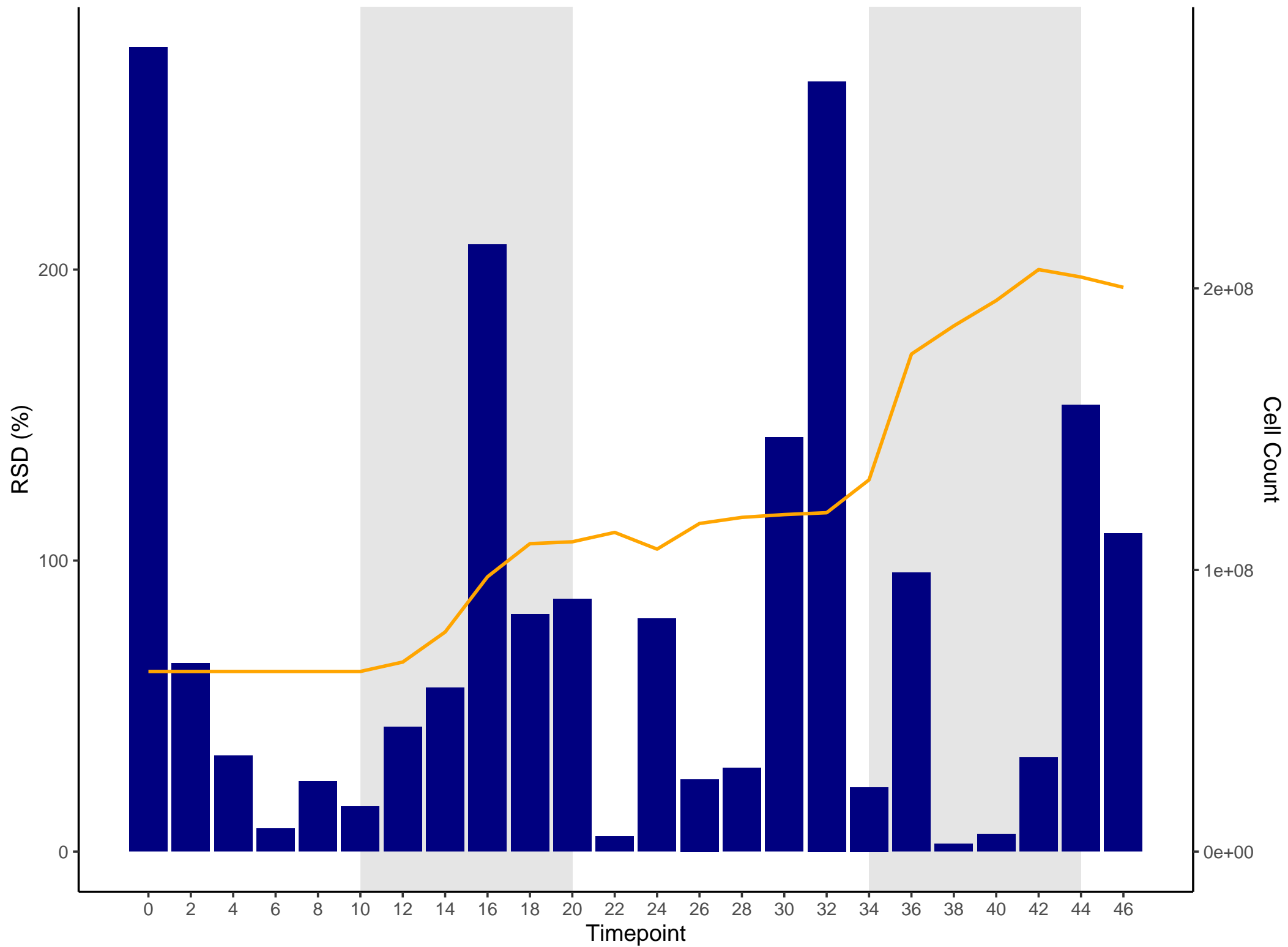
# 3-methyl-2-oxobutanoic acid



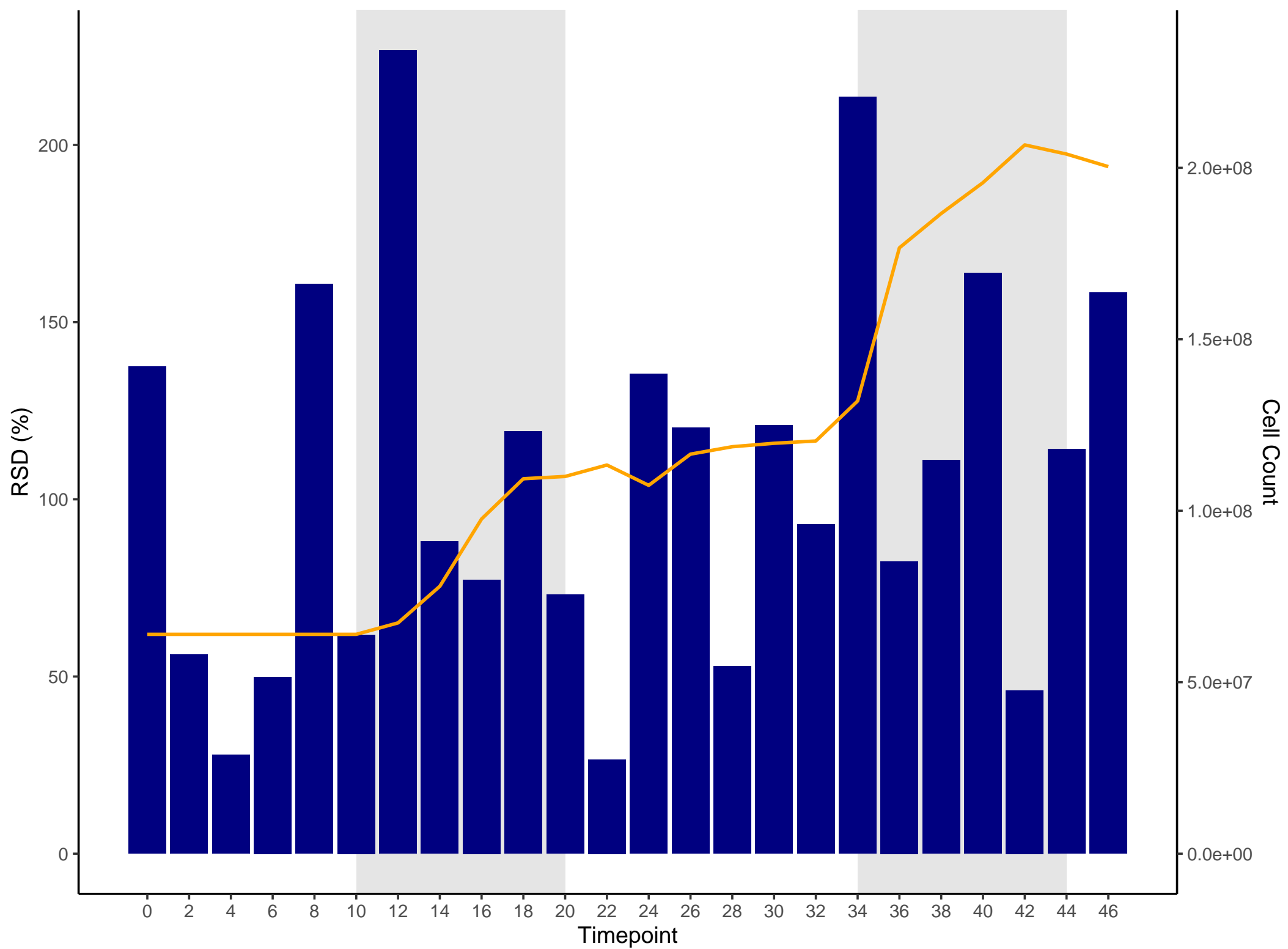
guanine



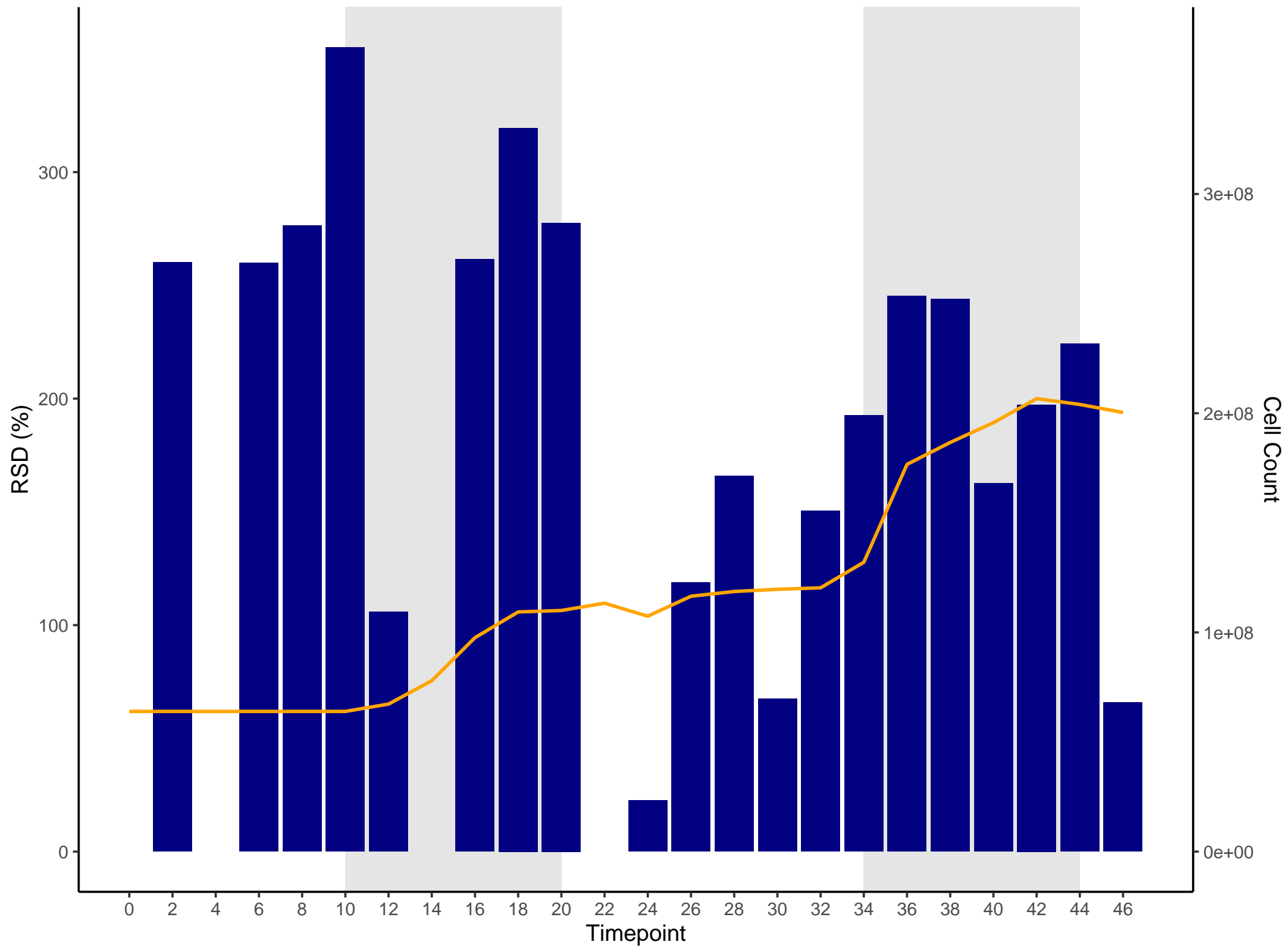
guanosine pos



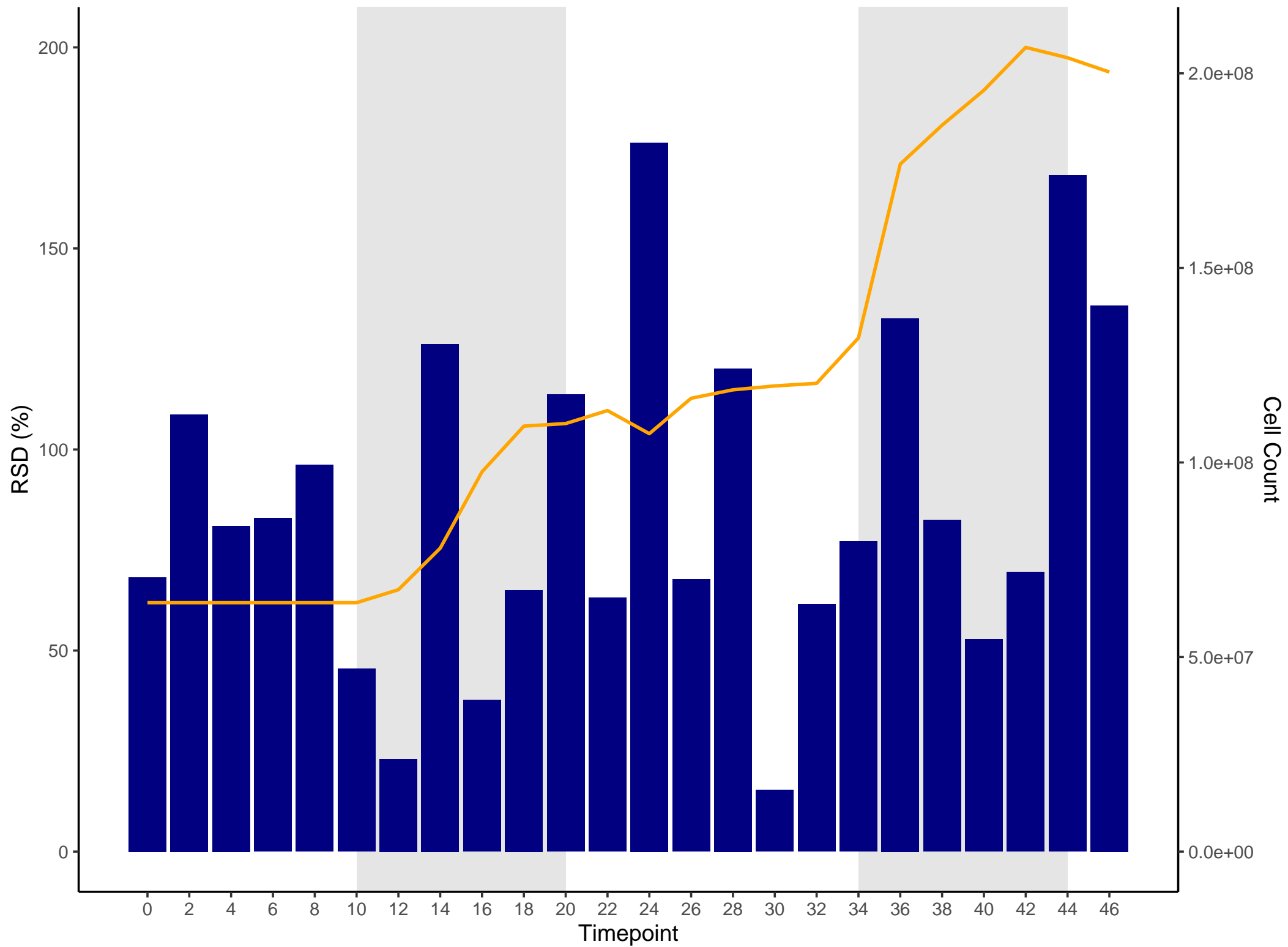
glutathione oxidized



glutathione pos

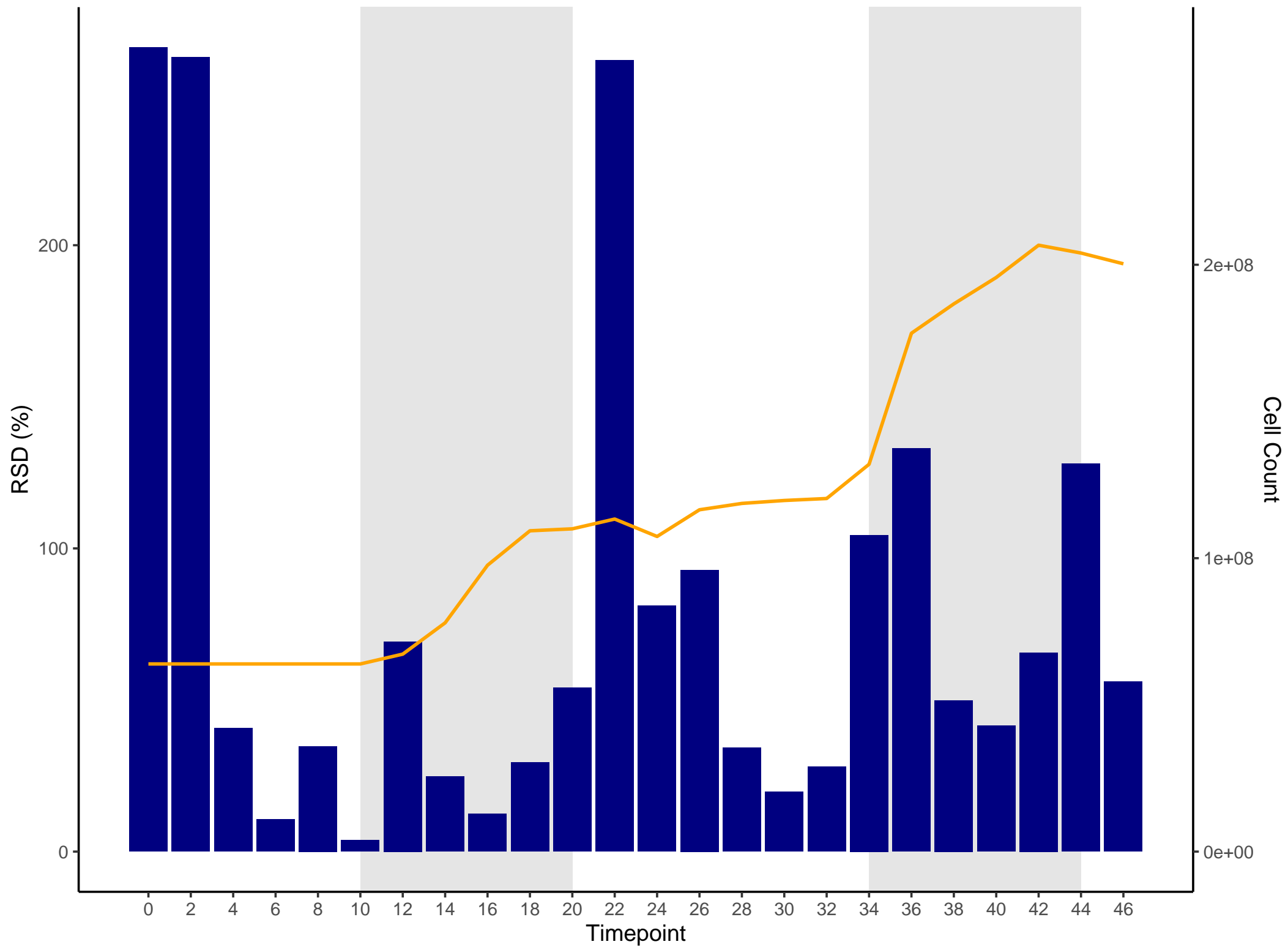


# n-acetylglutamic acid

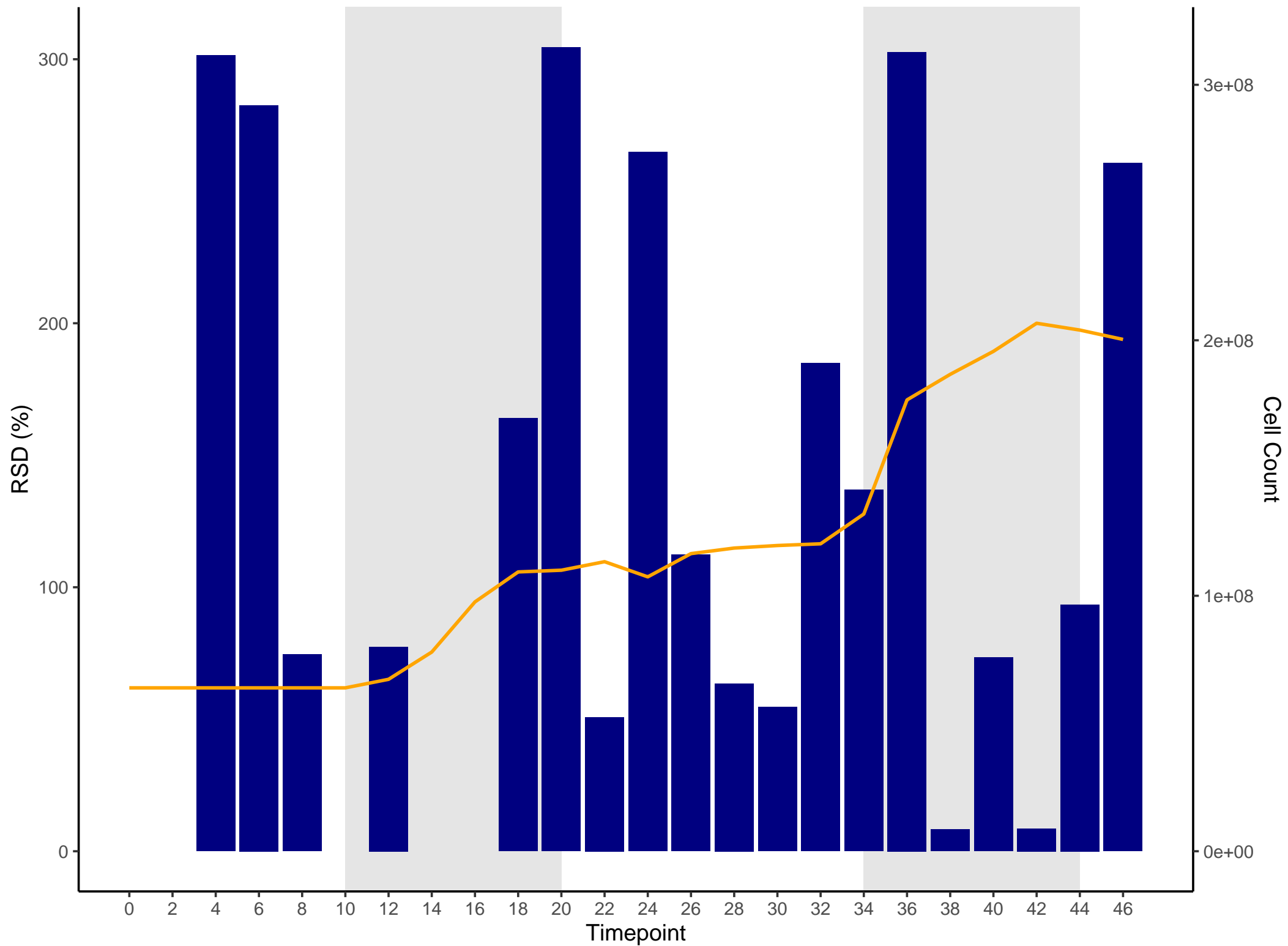




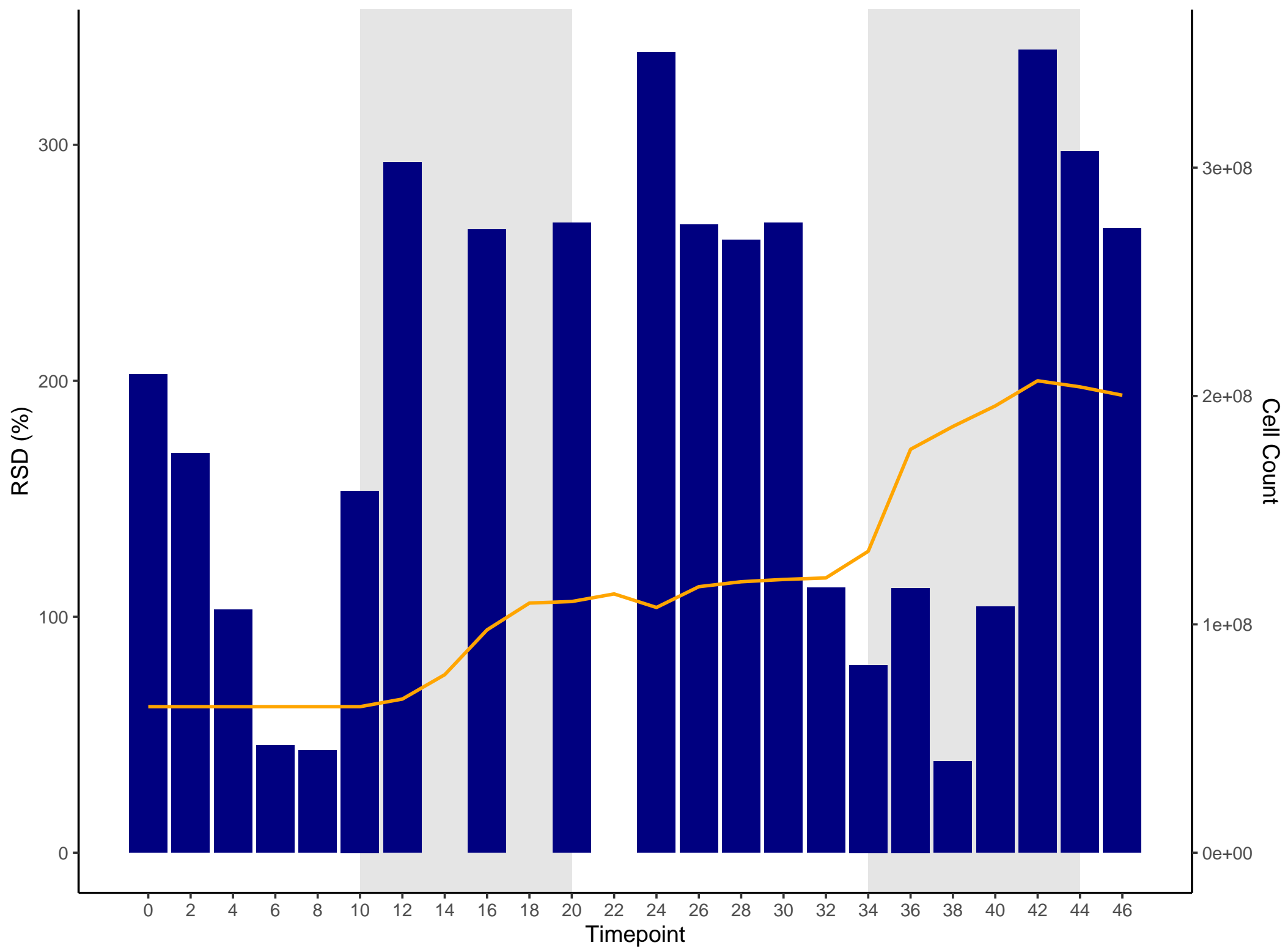
NAD



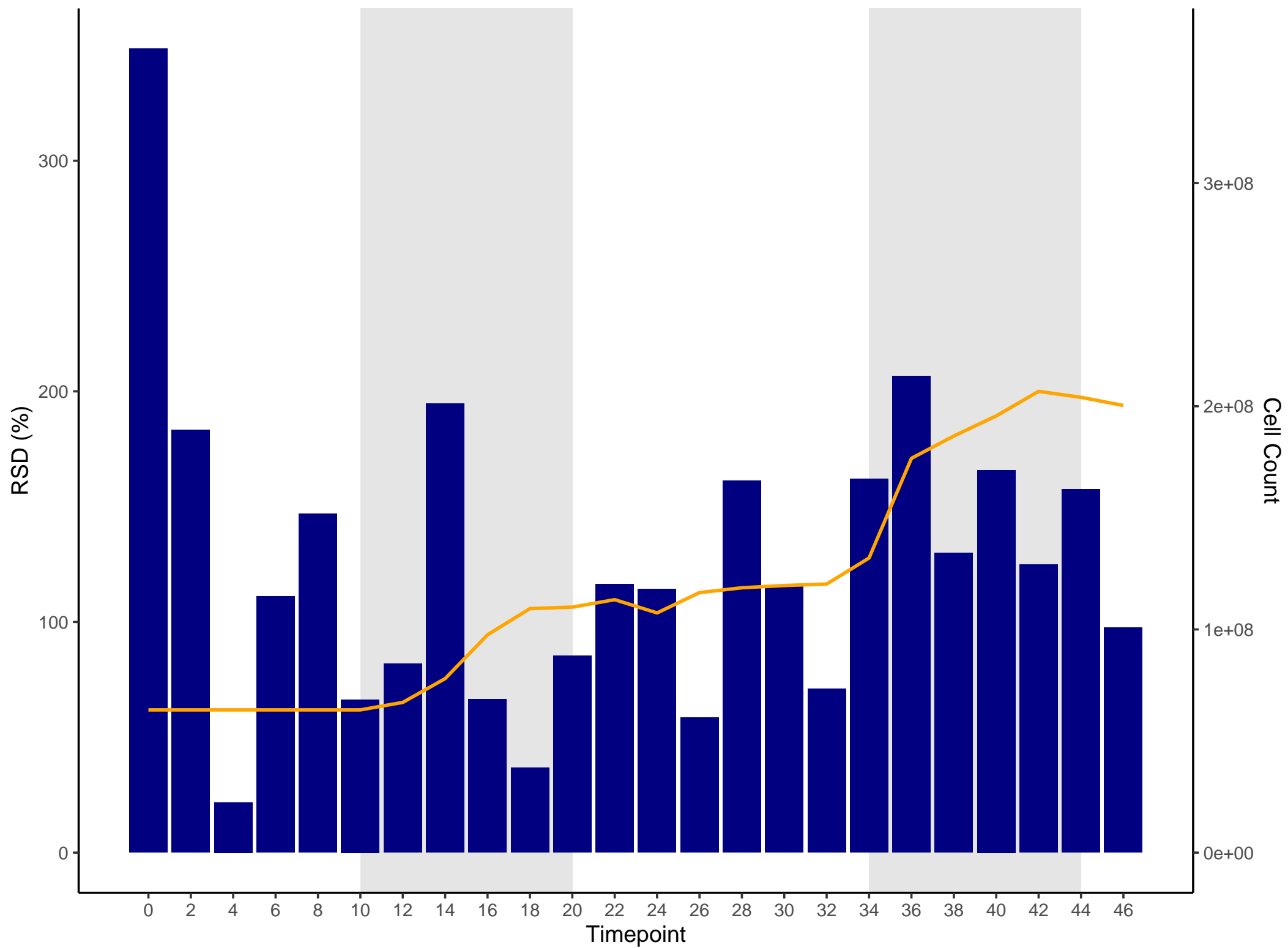
## hexose-6-phosphate



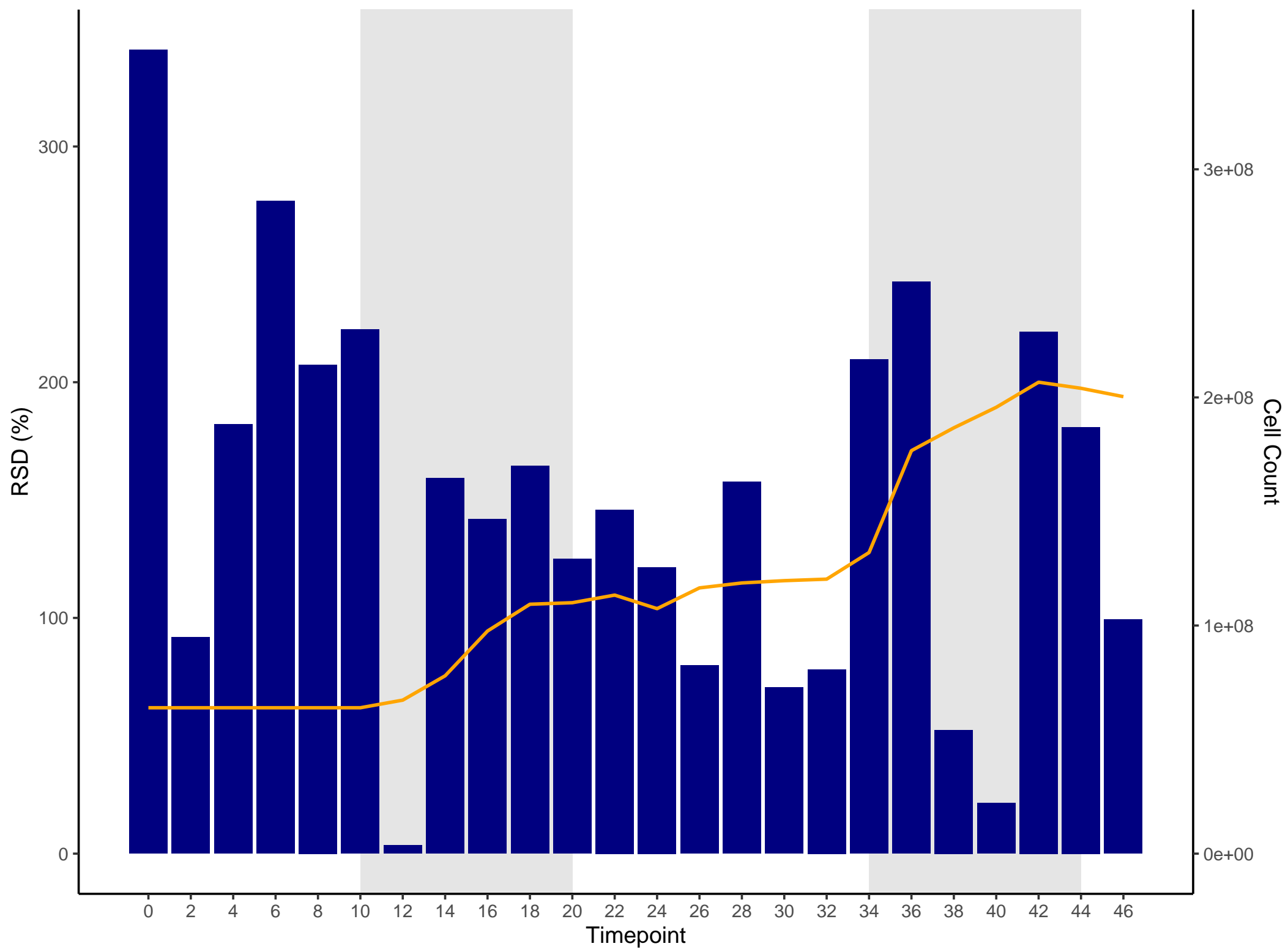
# 4-hydroxybenzoic acid



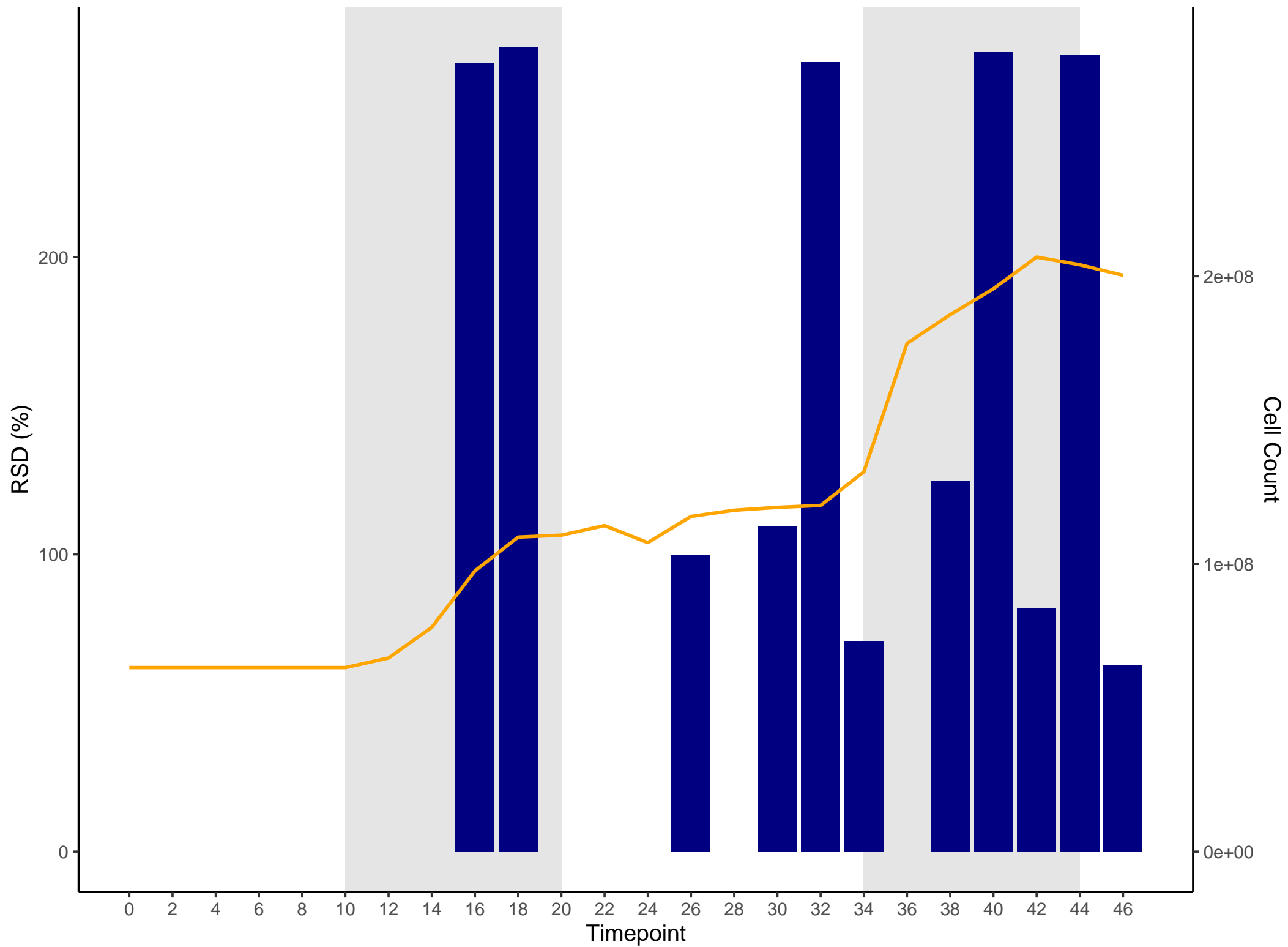
citrulline



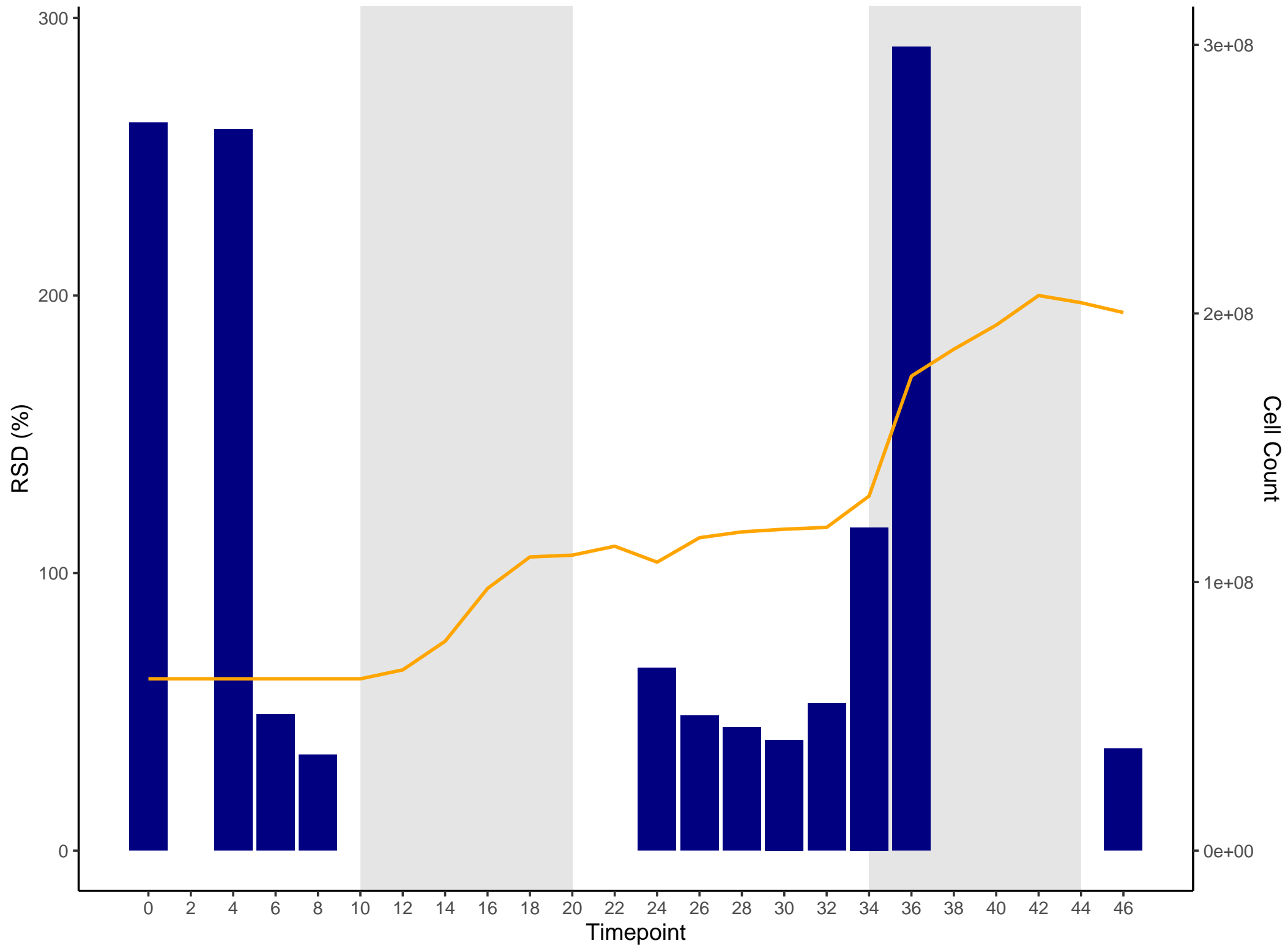
cytidine pos



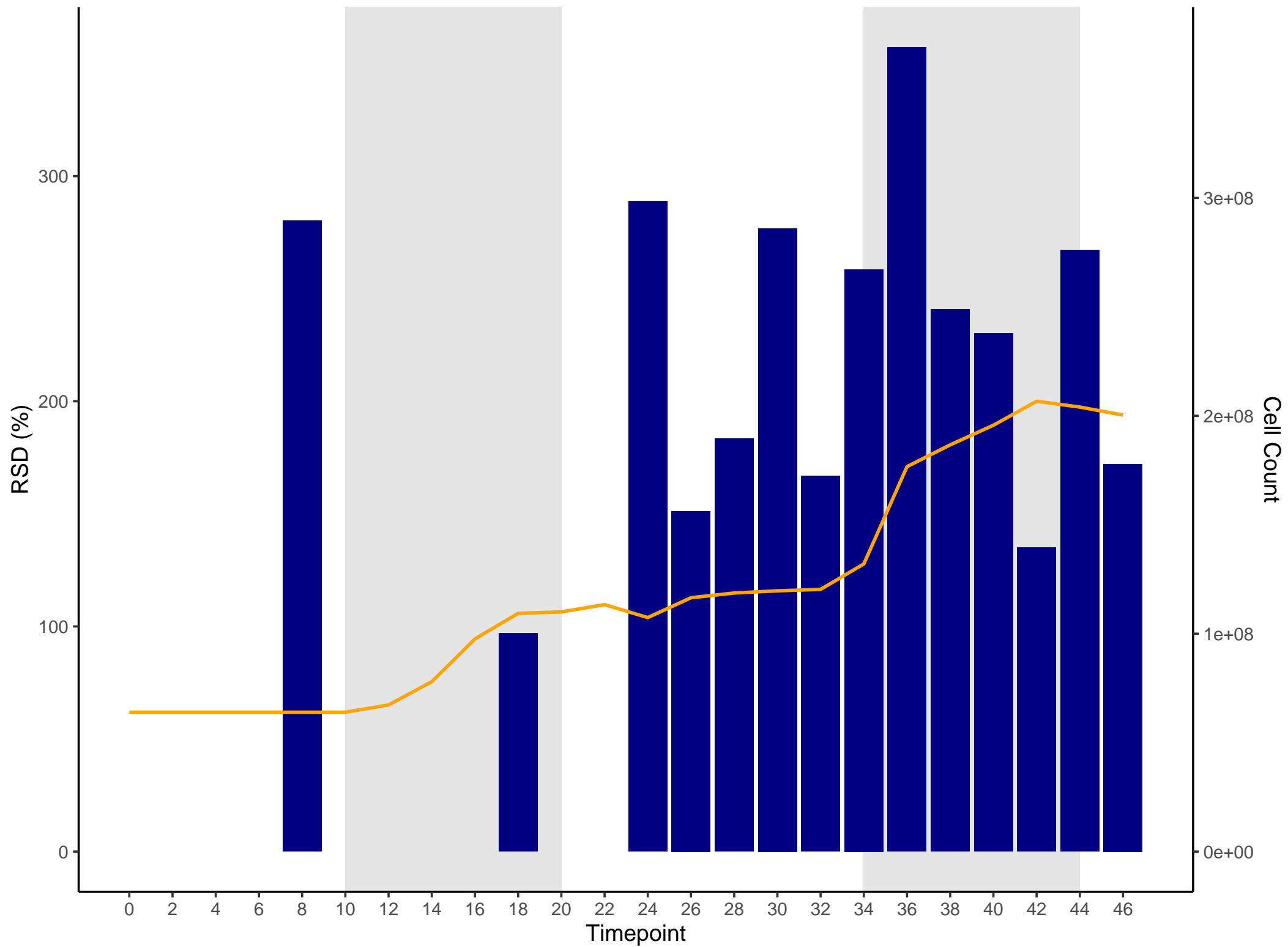
cytosine



desthiobiotin

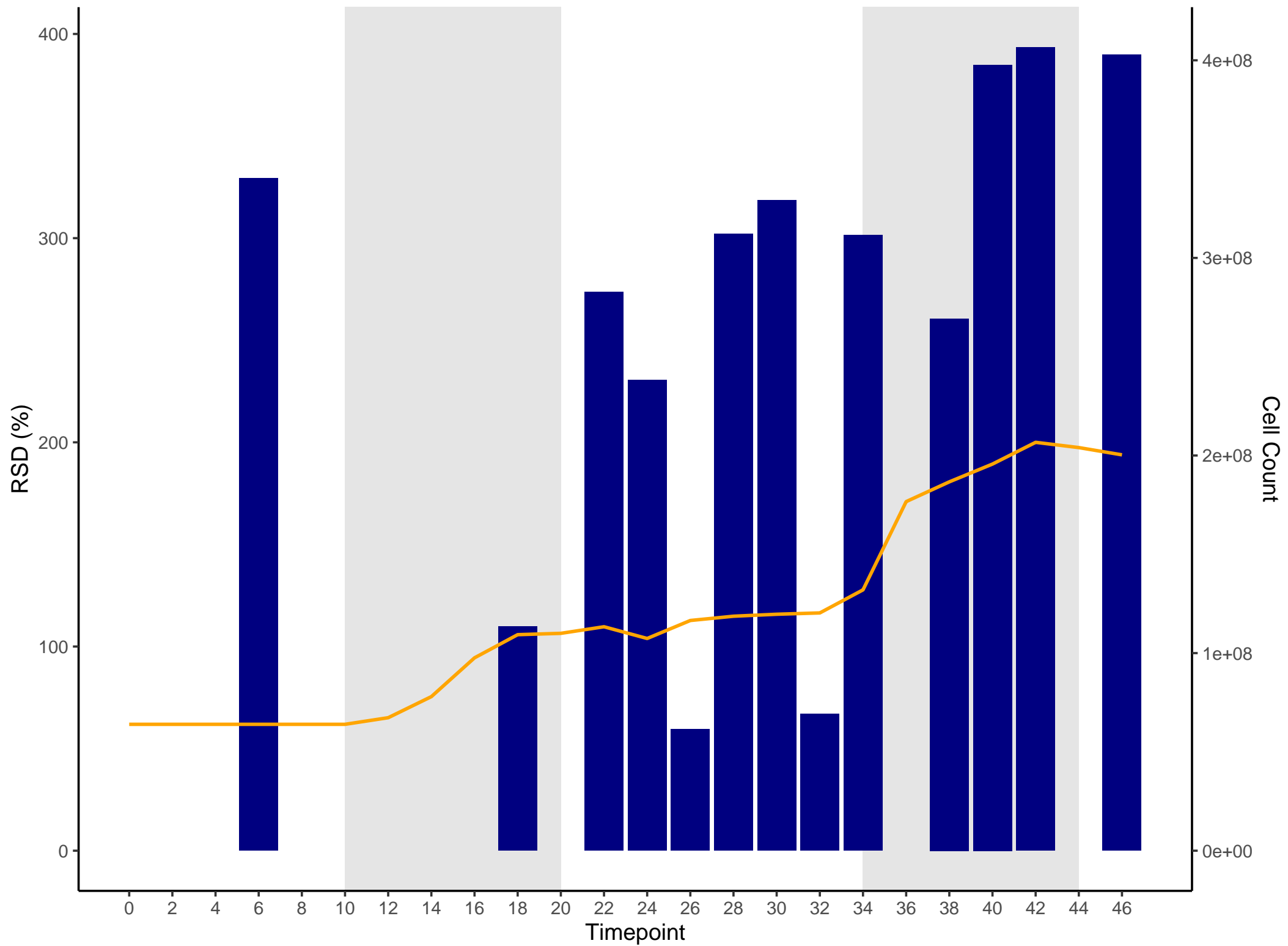


spermidine

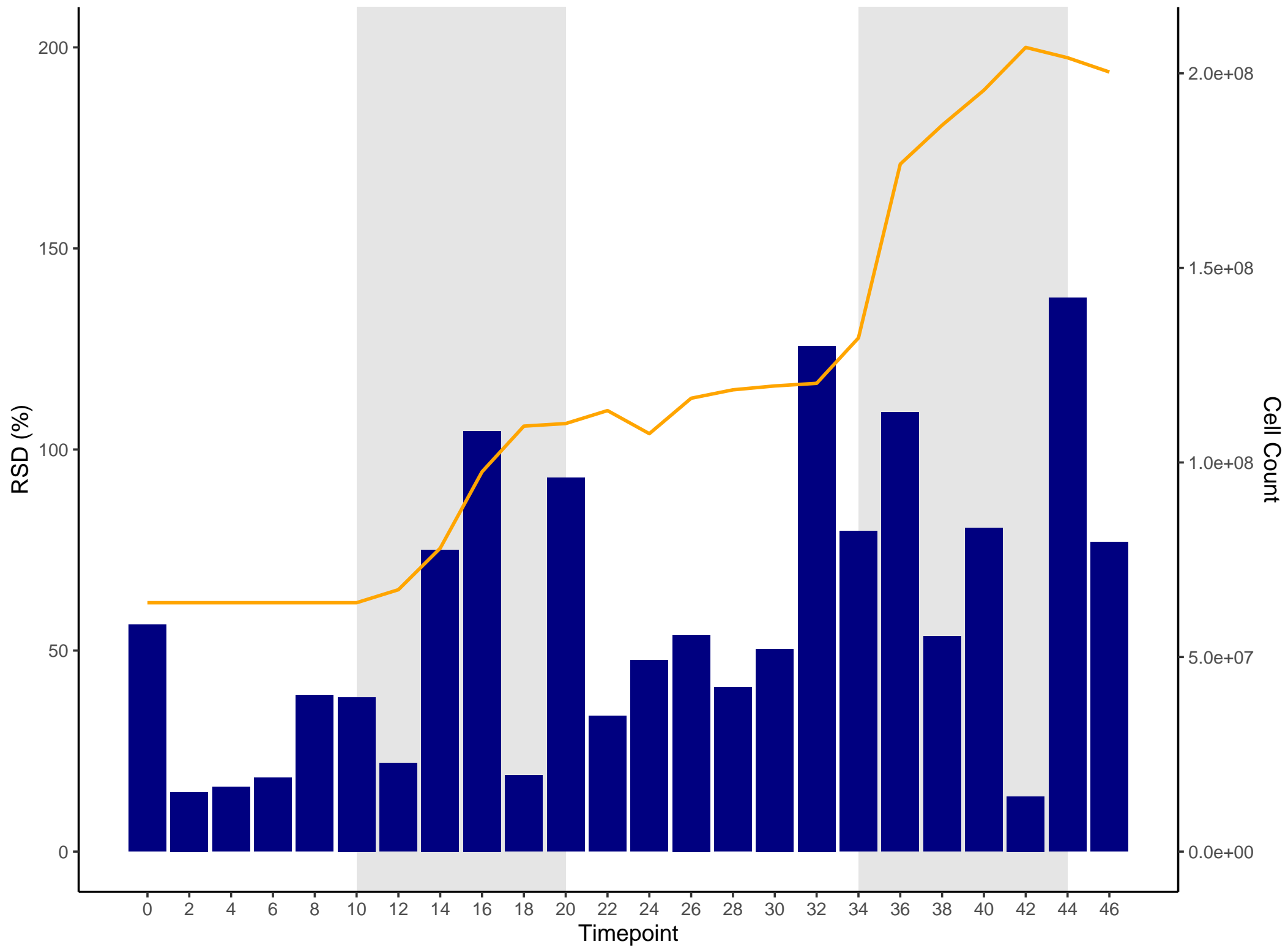




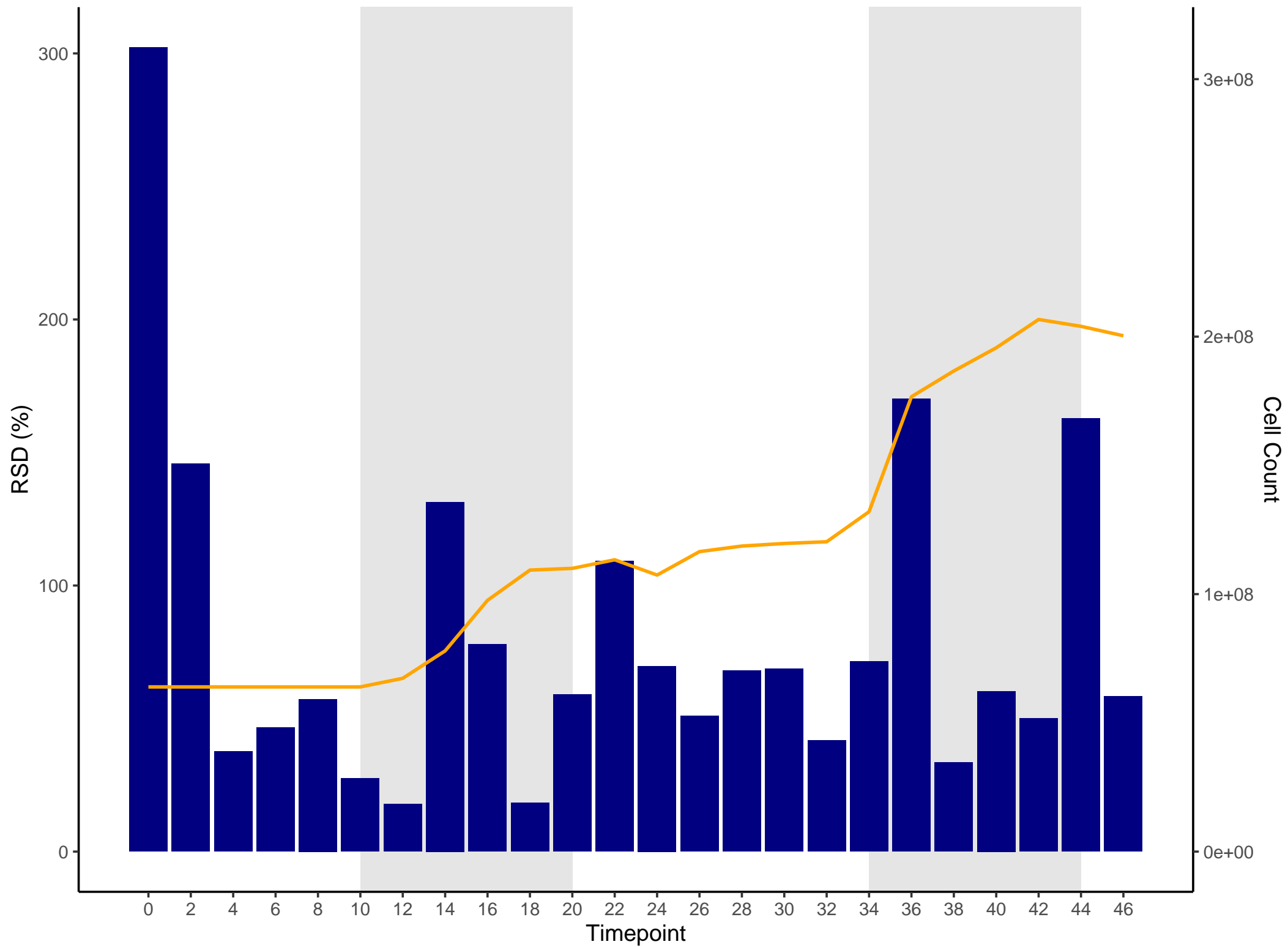
threonine (isom. homoserine)



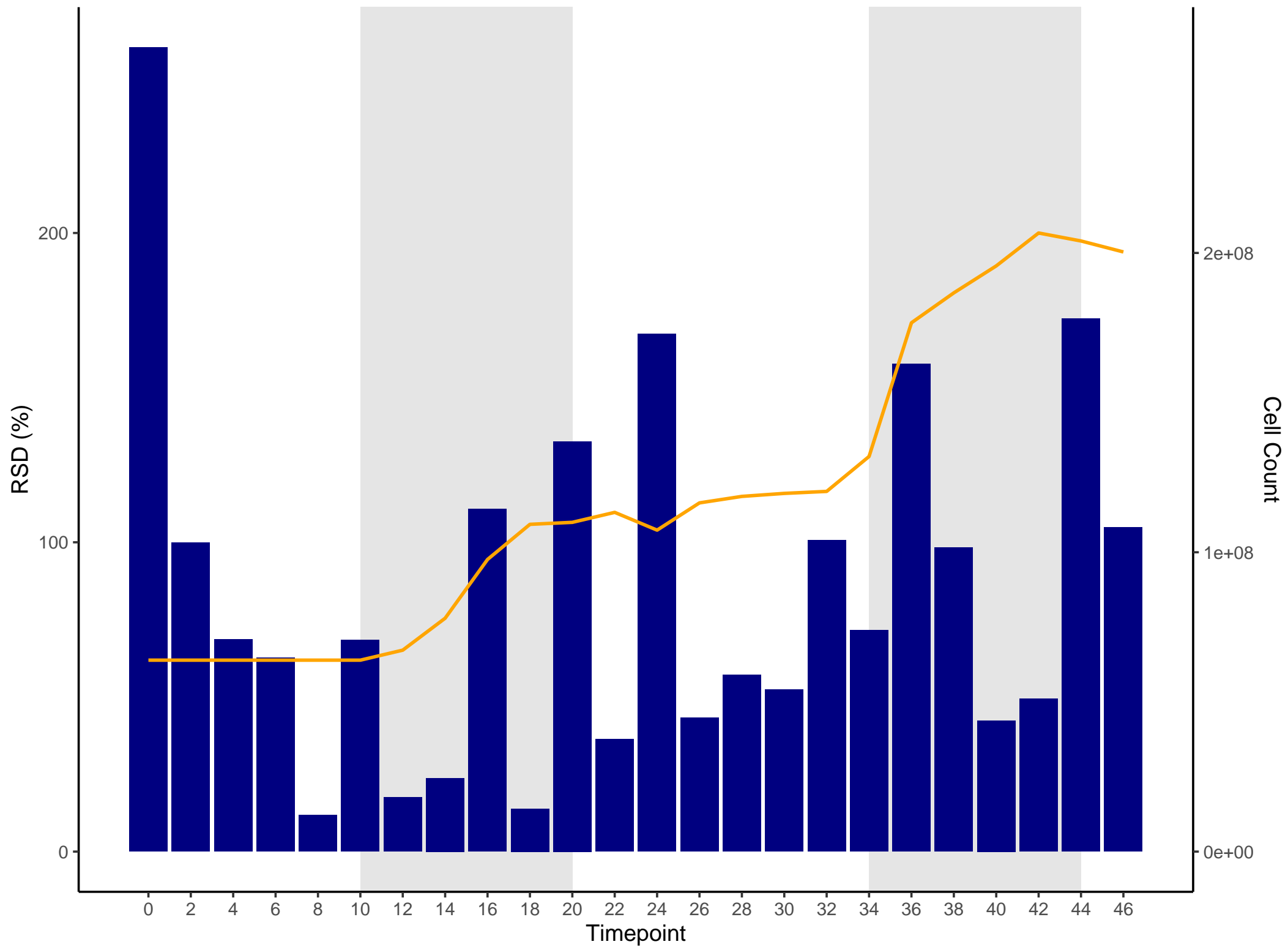
# phenylalanine



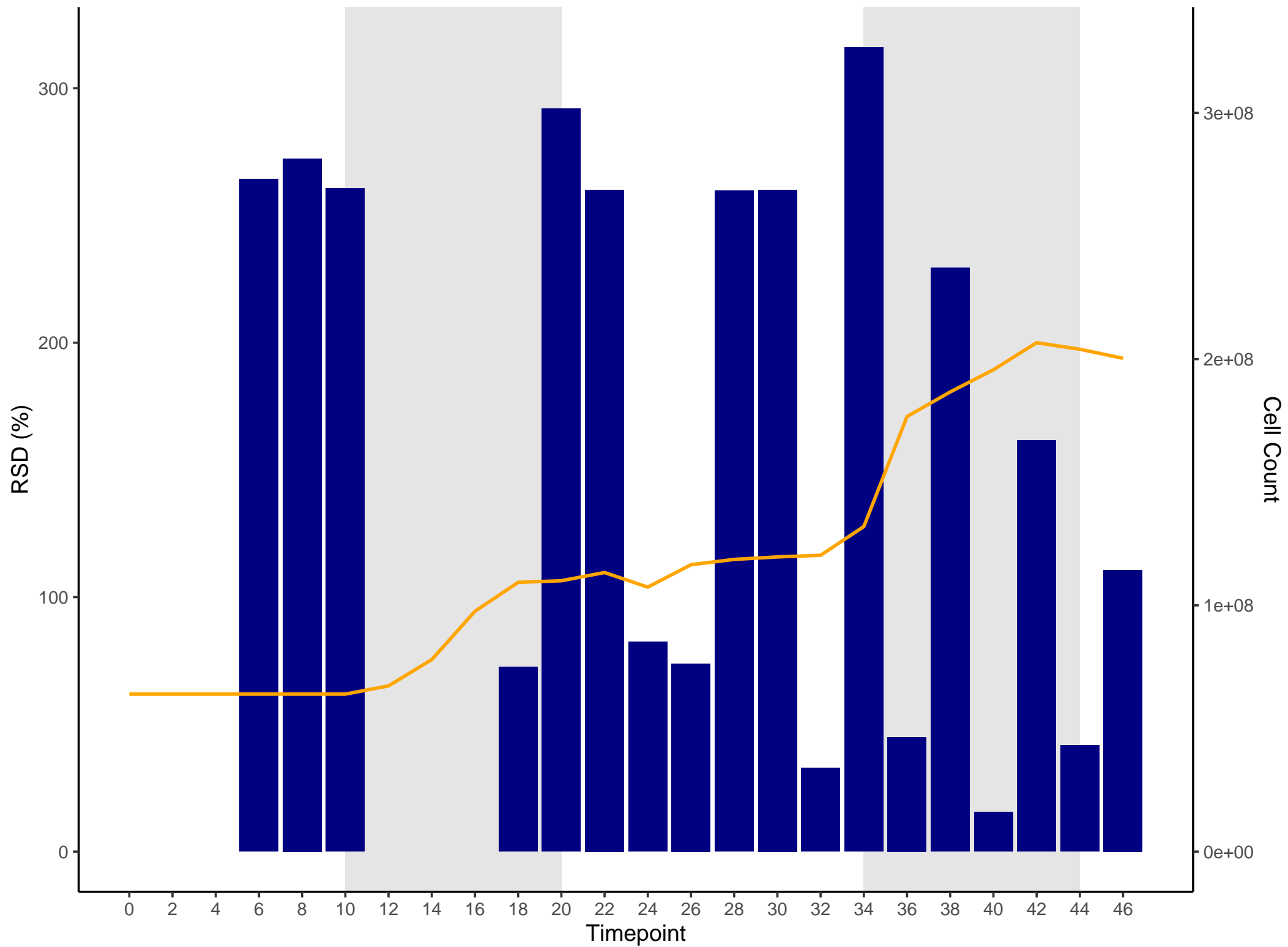
proline



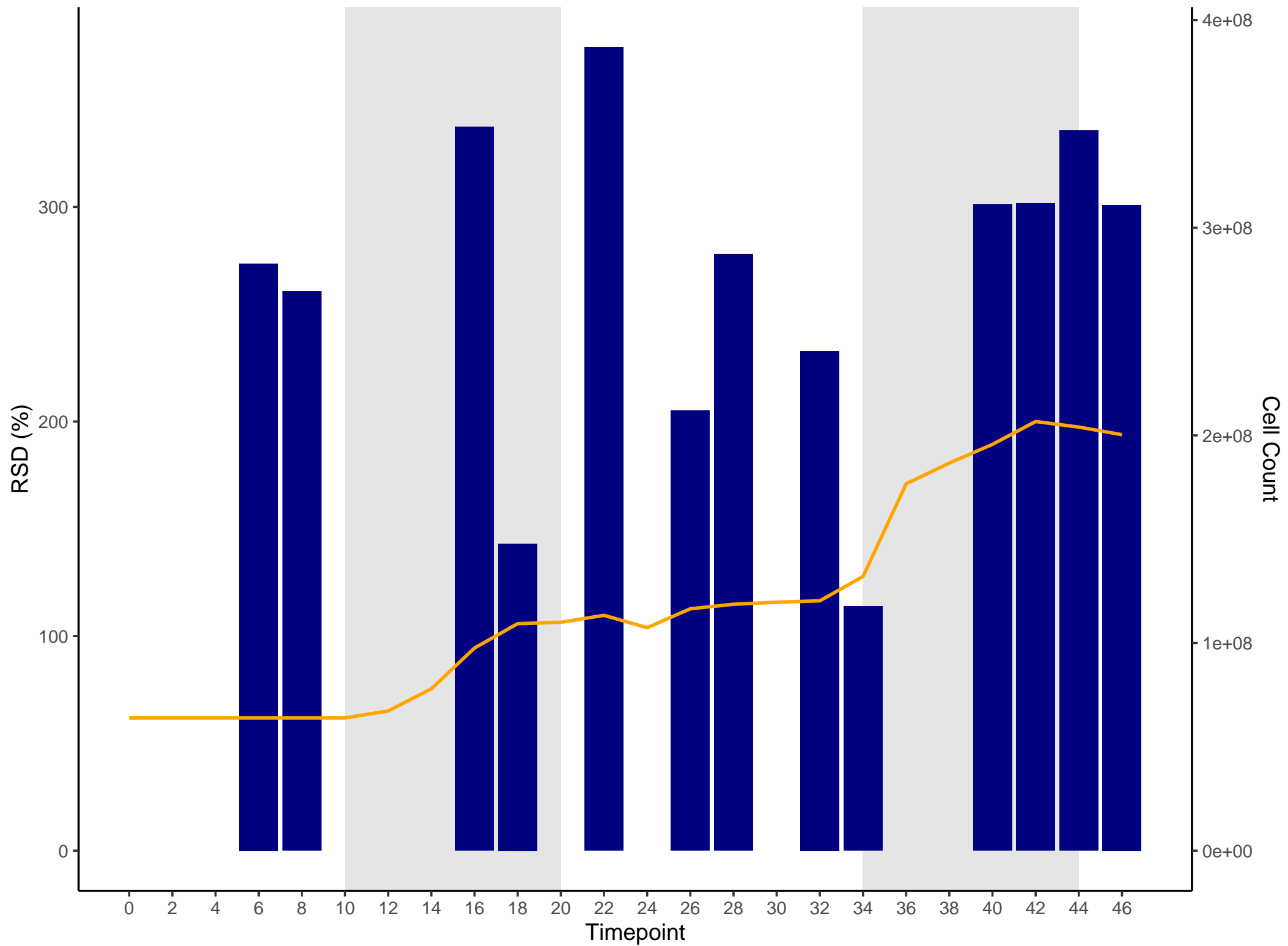
s-(5'-adenosyl)-L-homocysteine pos



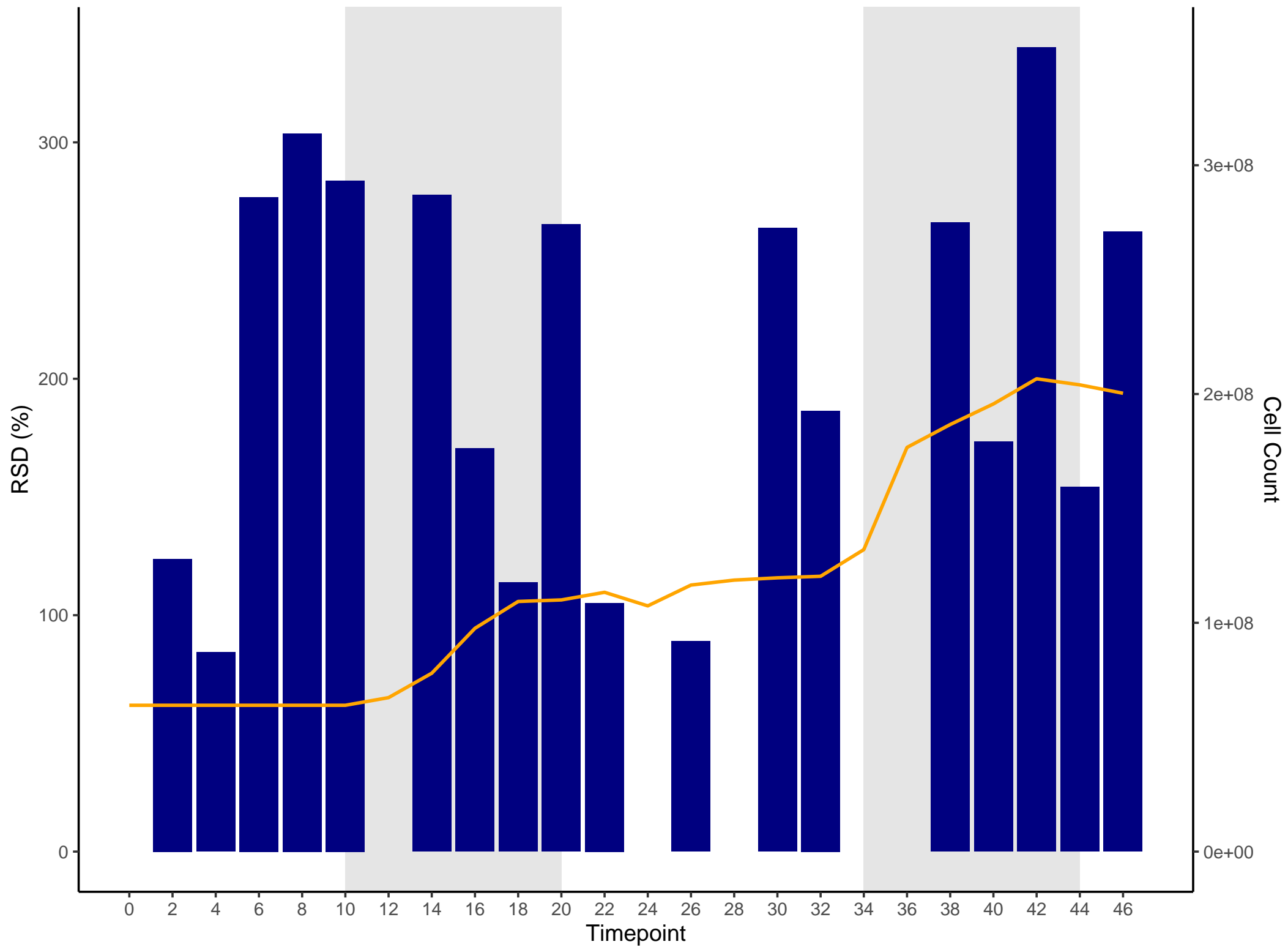
adenine pos



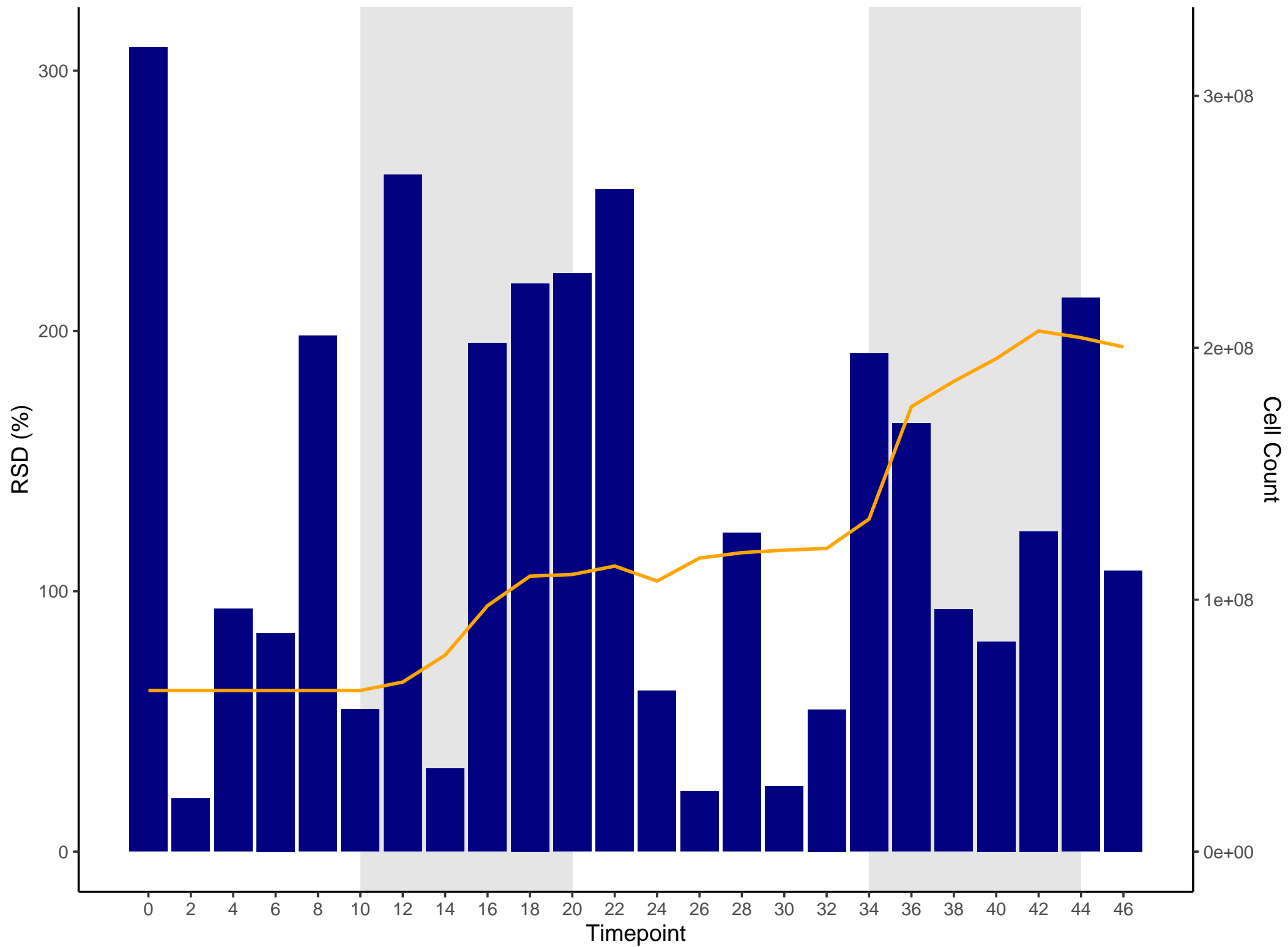
# alpha-ketoglutaric acid



aspartic acid neg

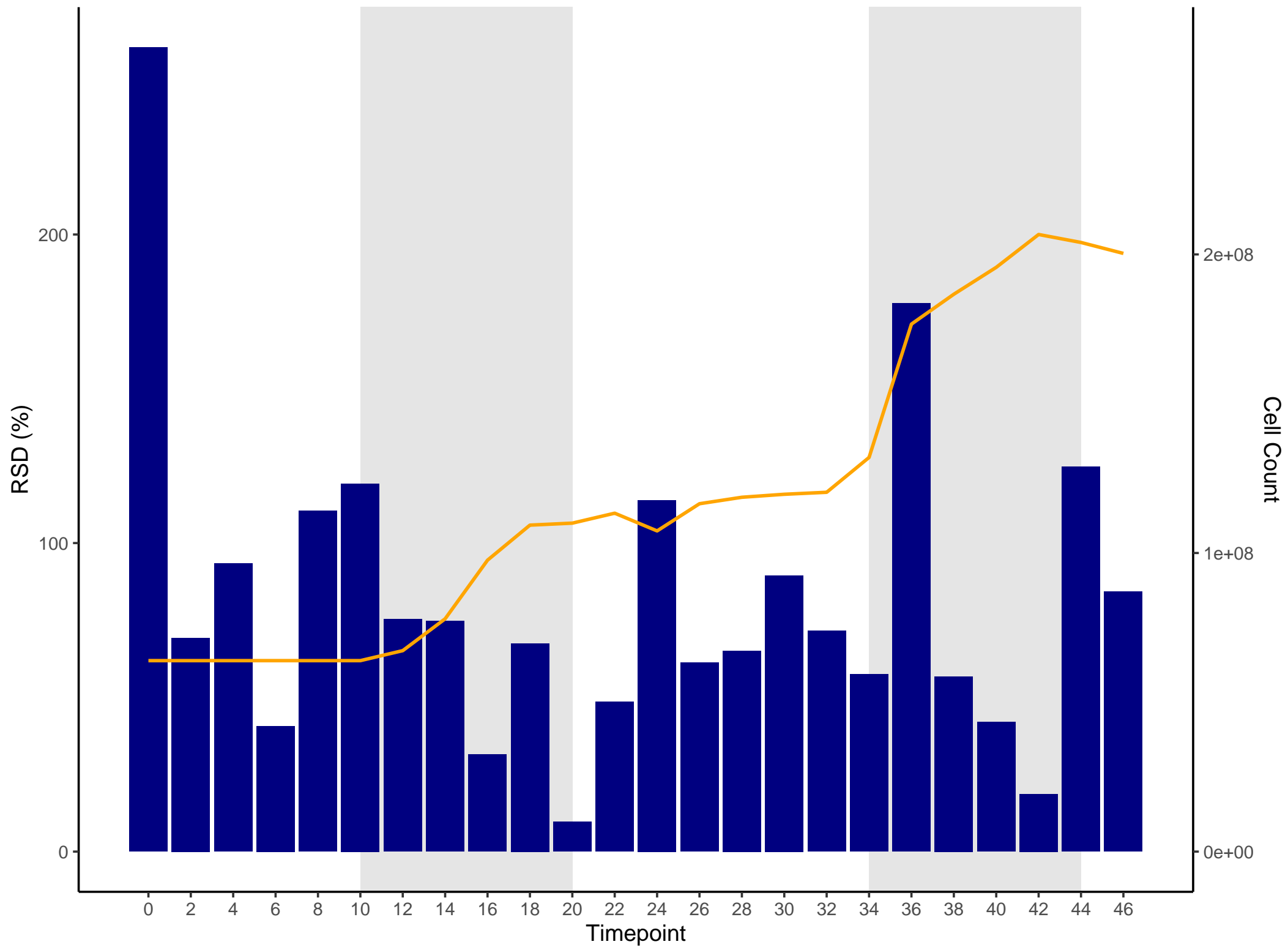


# s-adenosyl-l-methionine

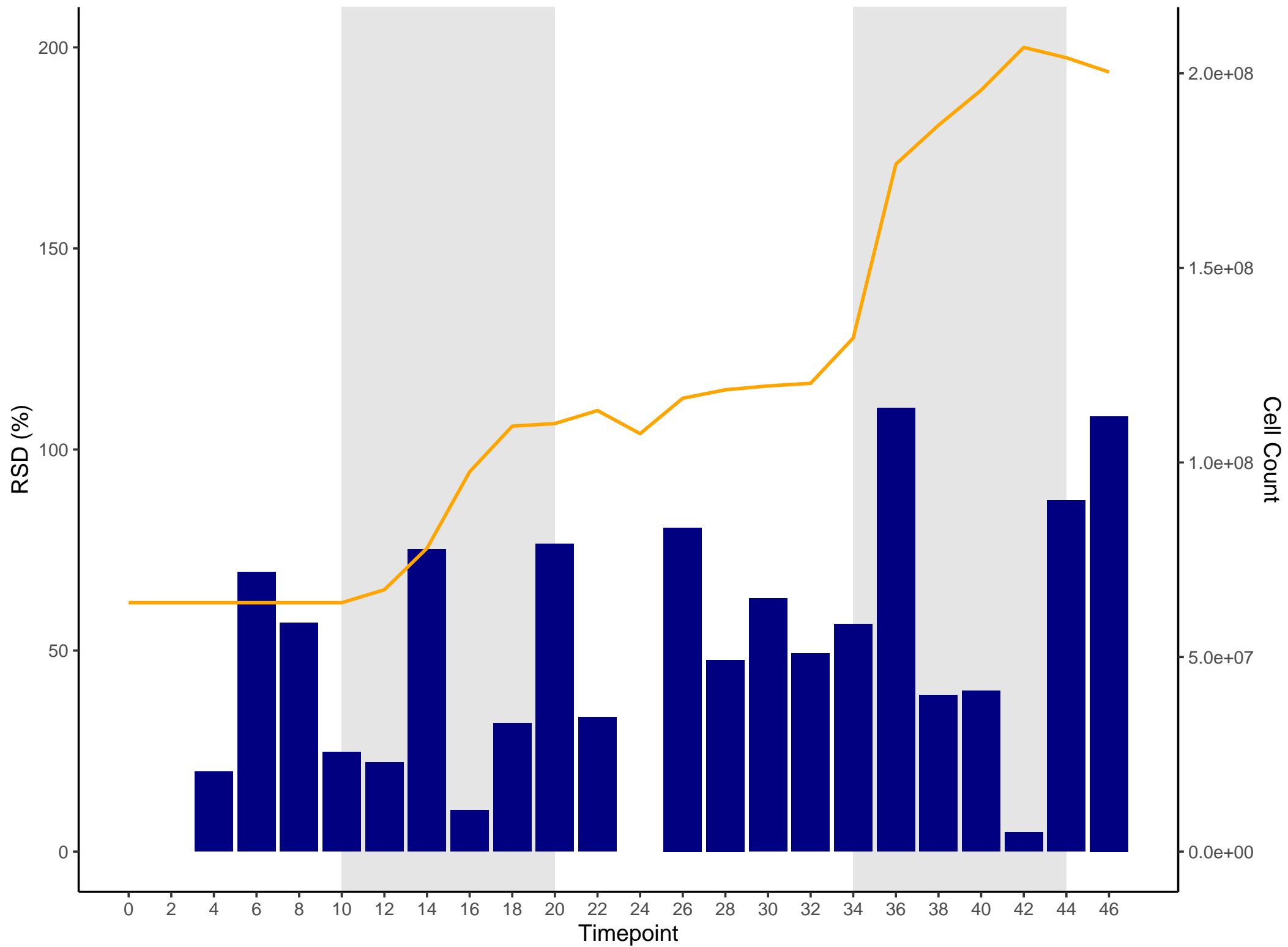




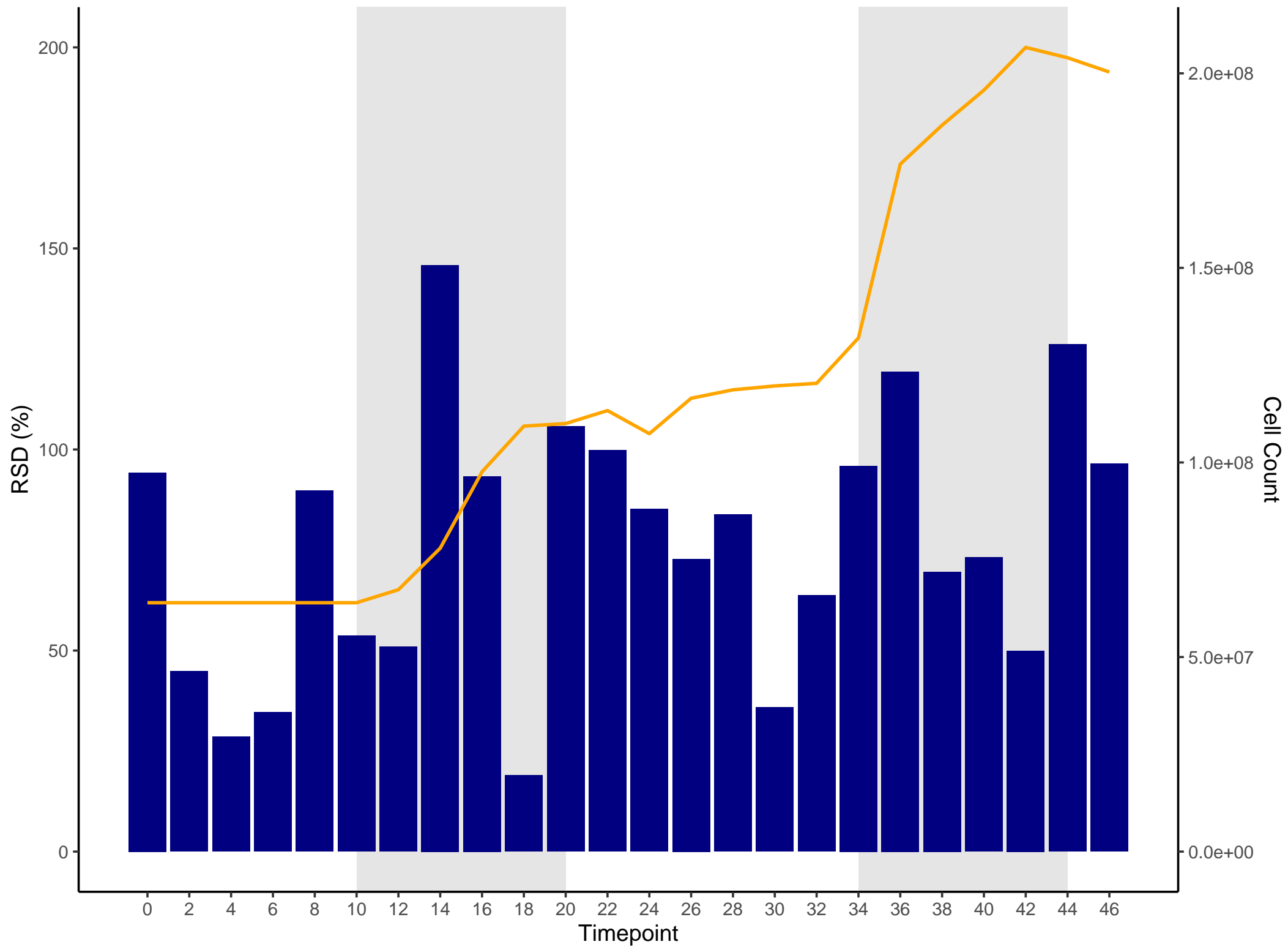
glutamic acid neg



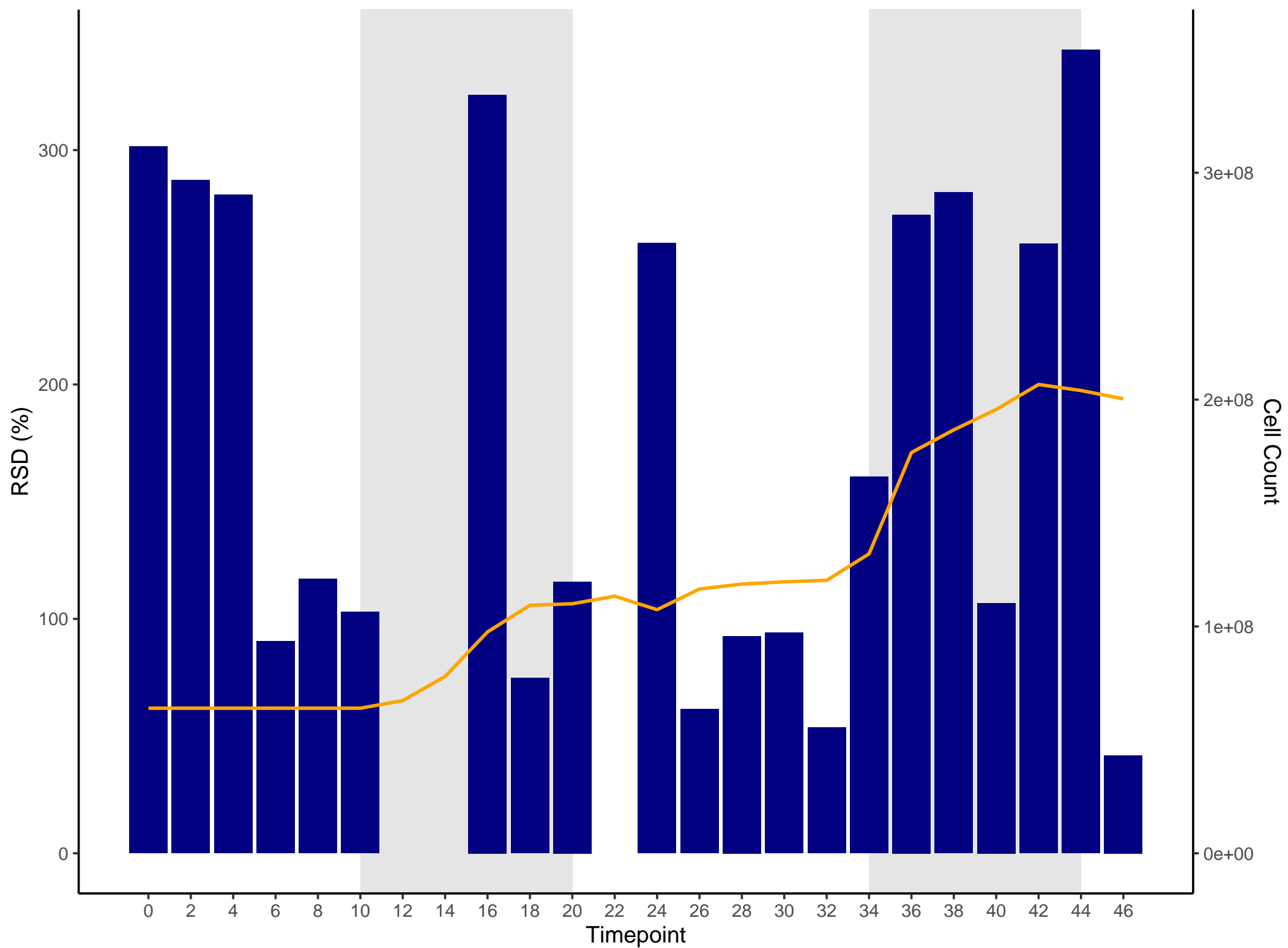
sucrose387 neg



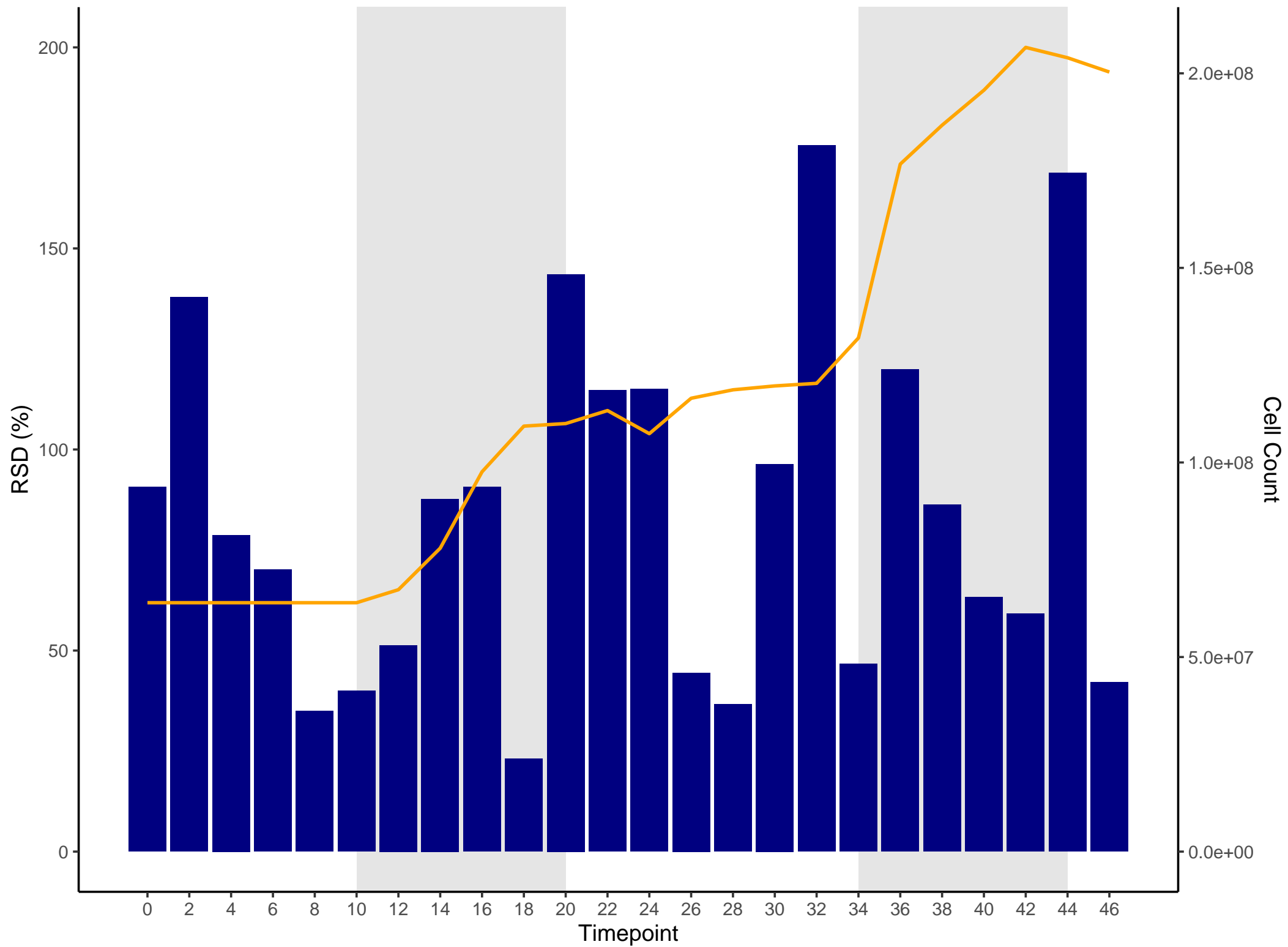
tyrosine



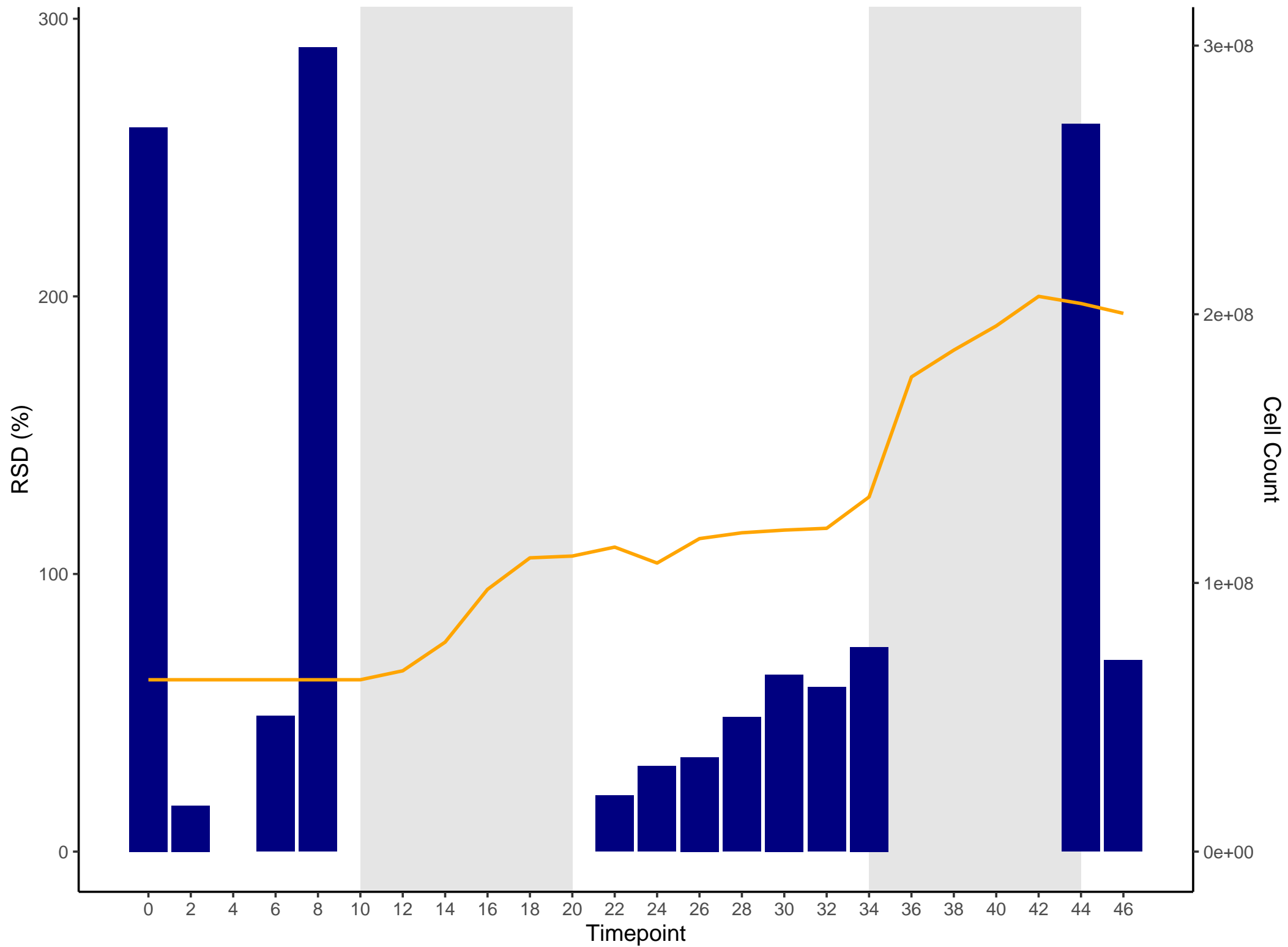
UDP-glucose



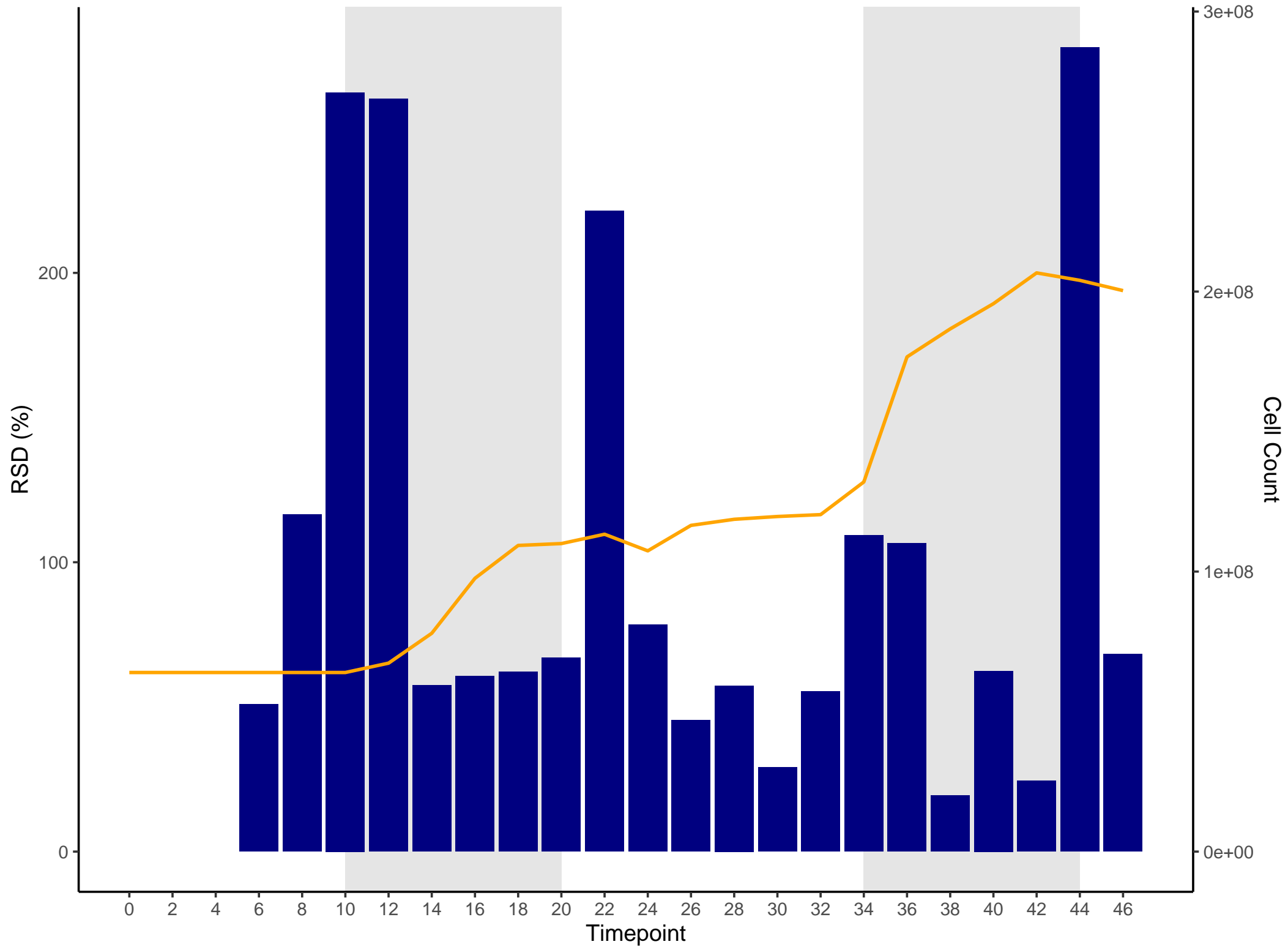
# uridine 5-monophosphate pos



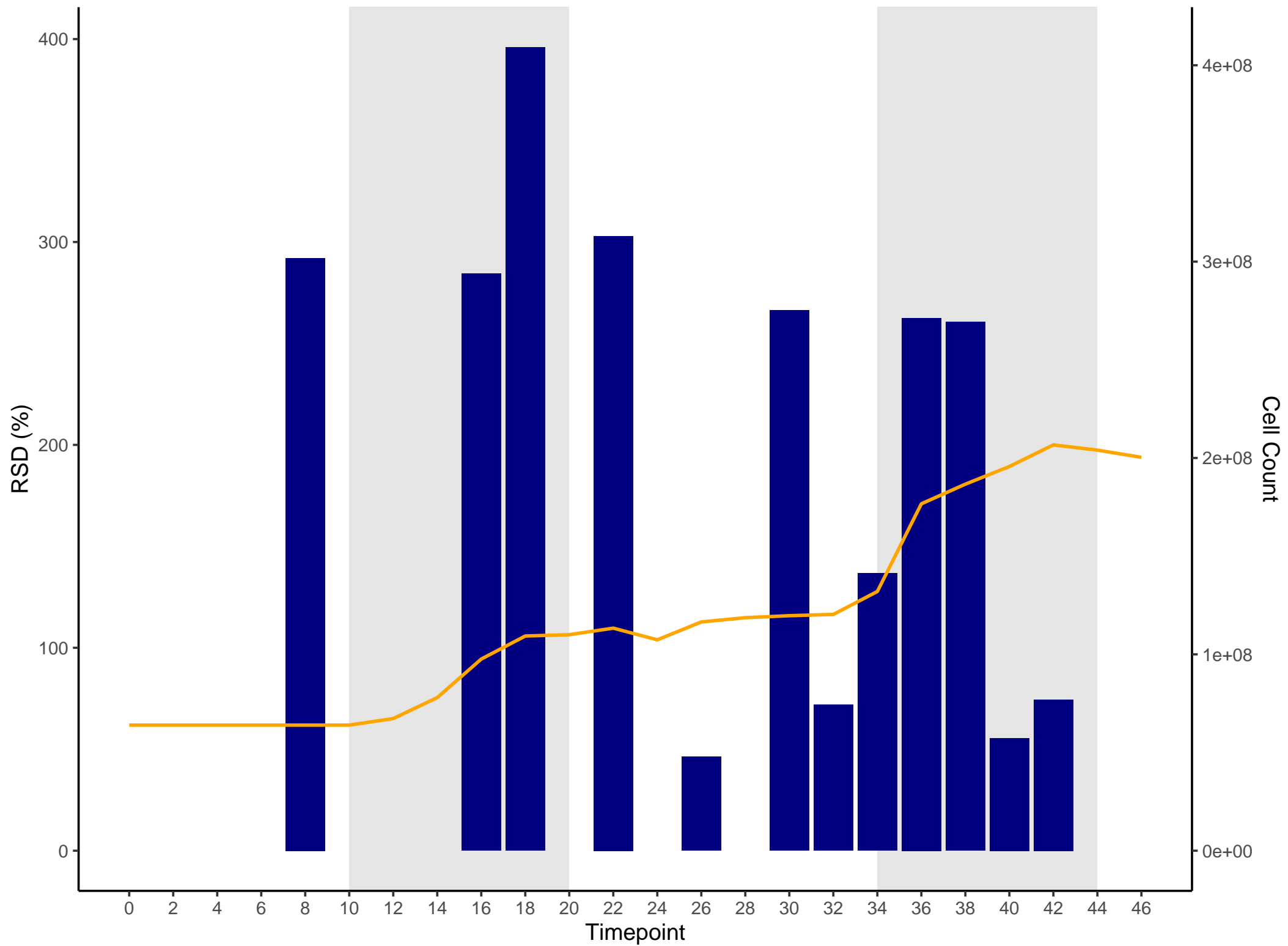
xanthosine neg



pantothenic acid neg

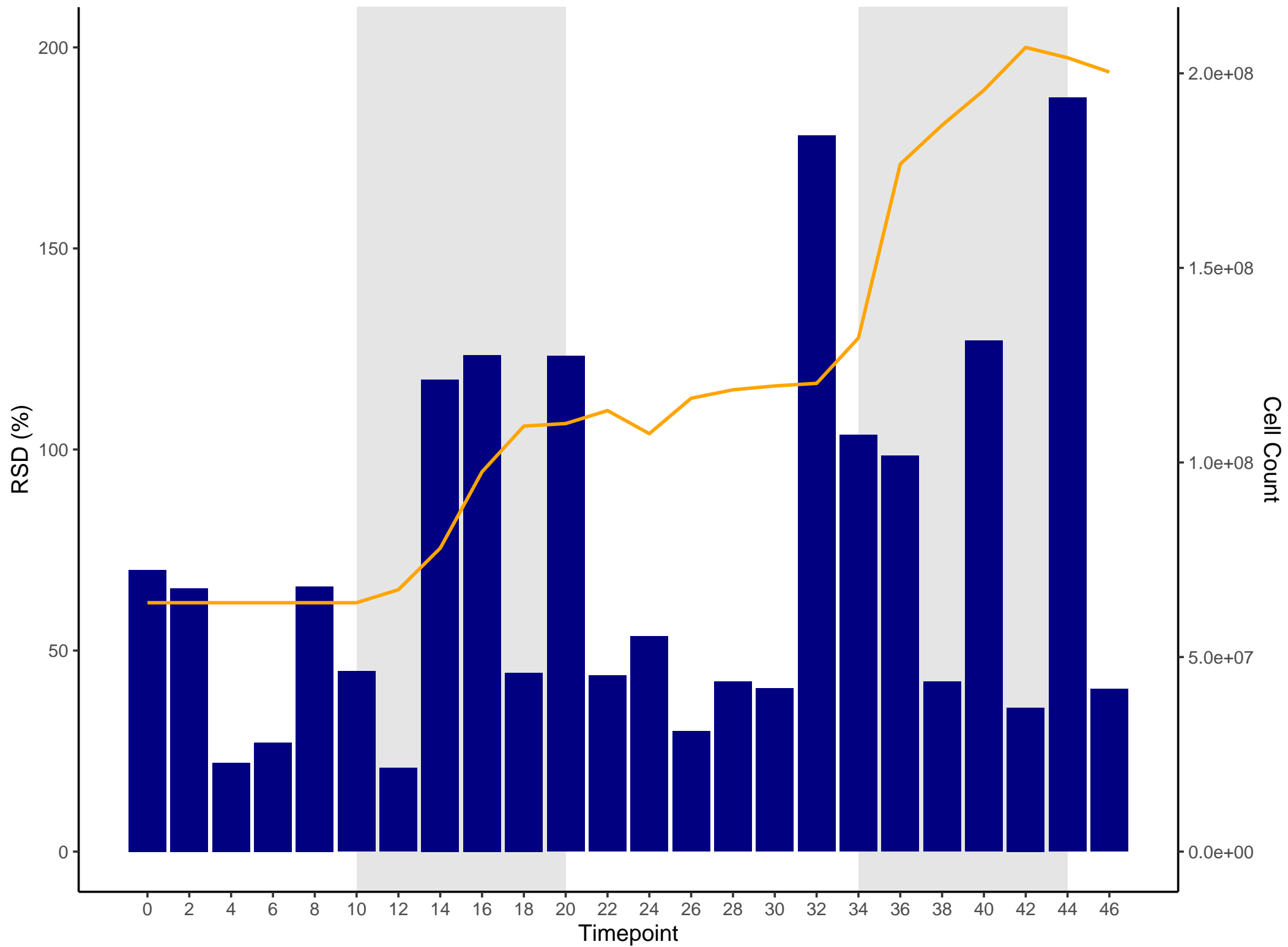


kynurenine

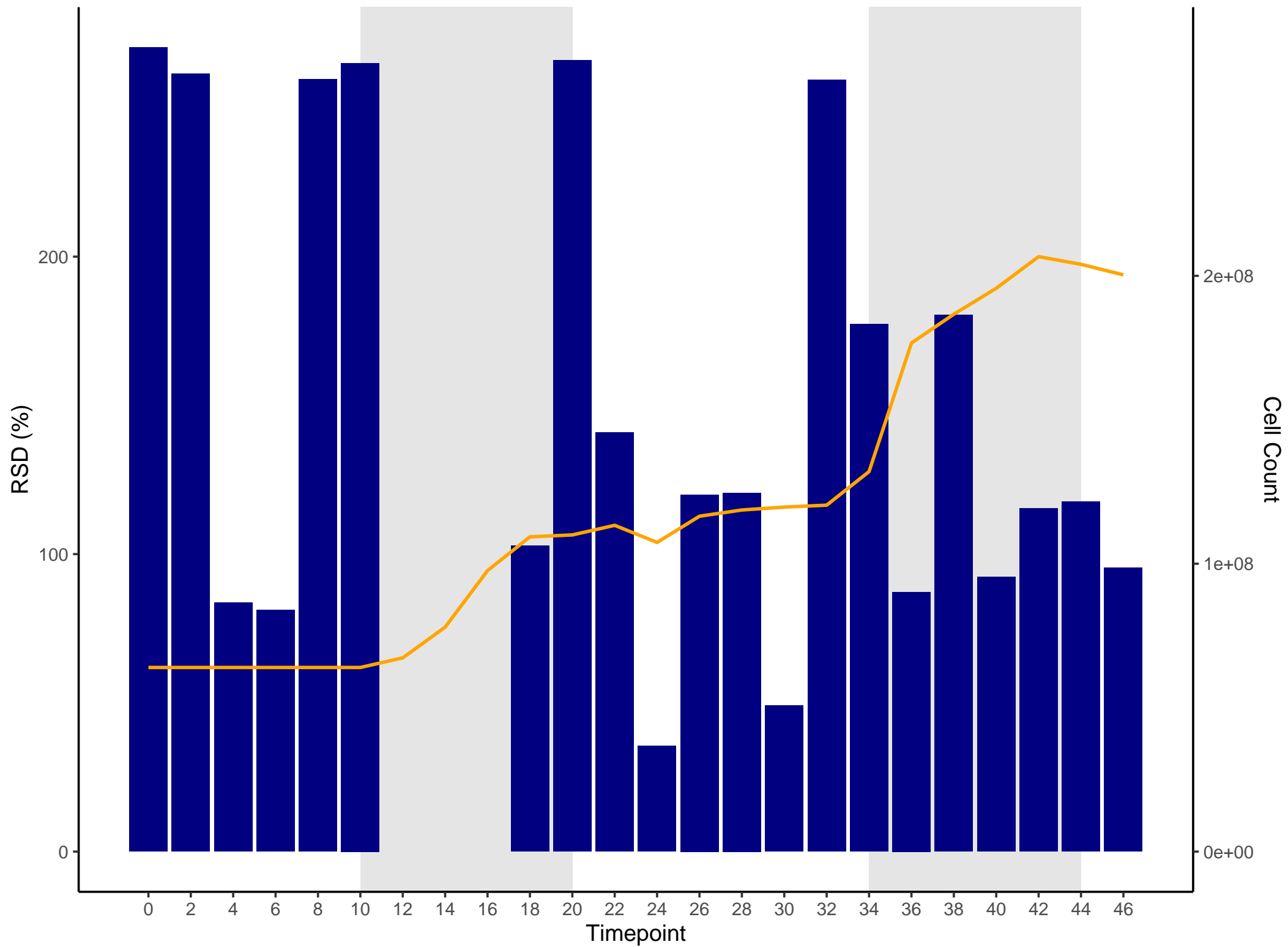




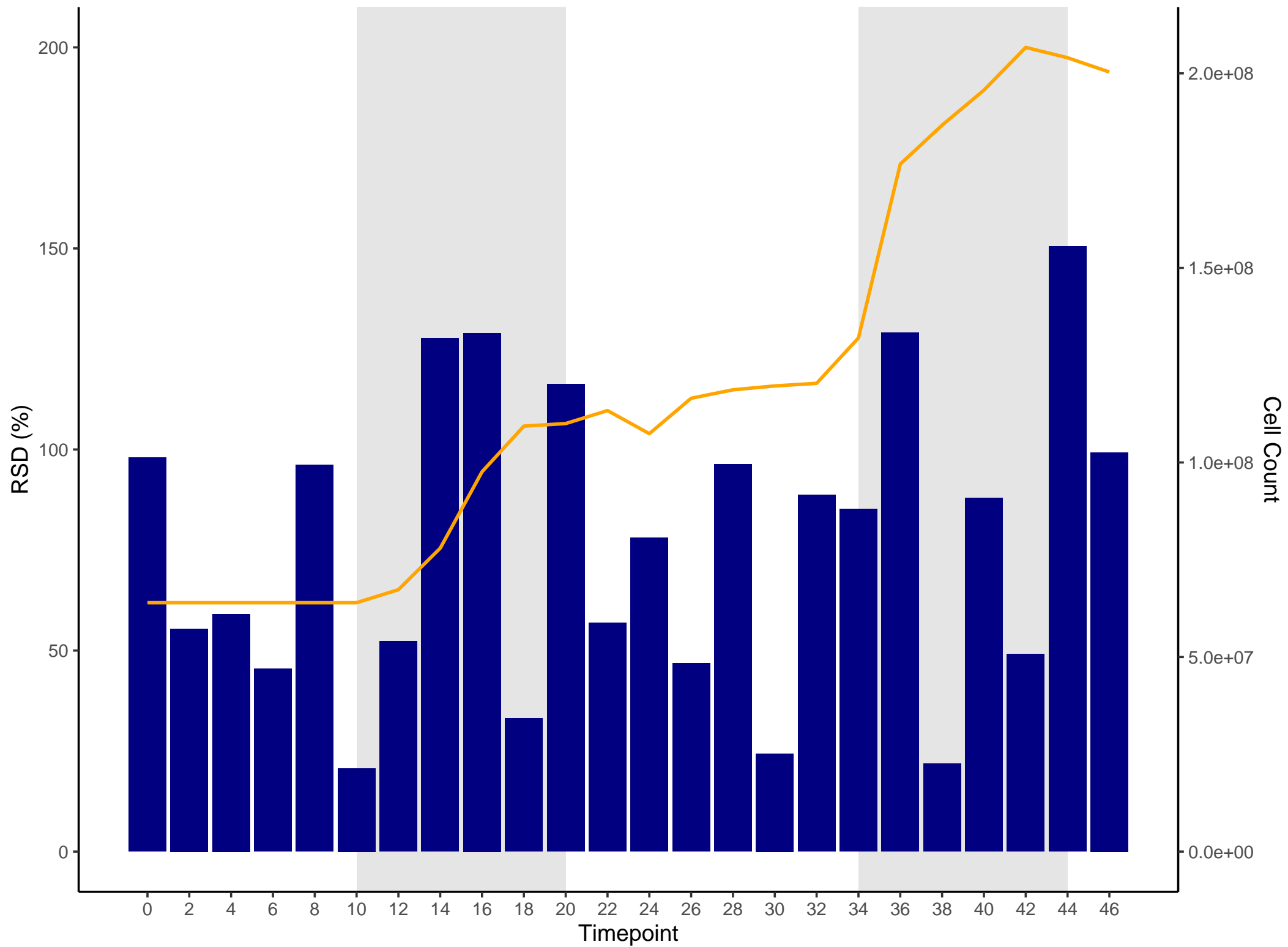
leucine



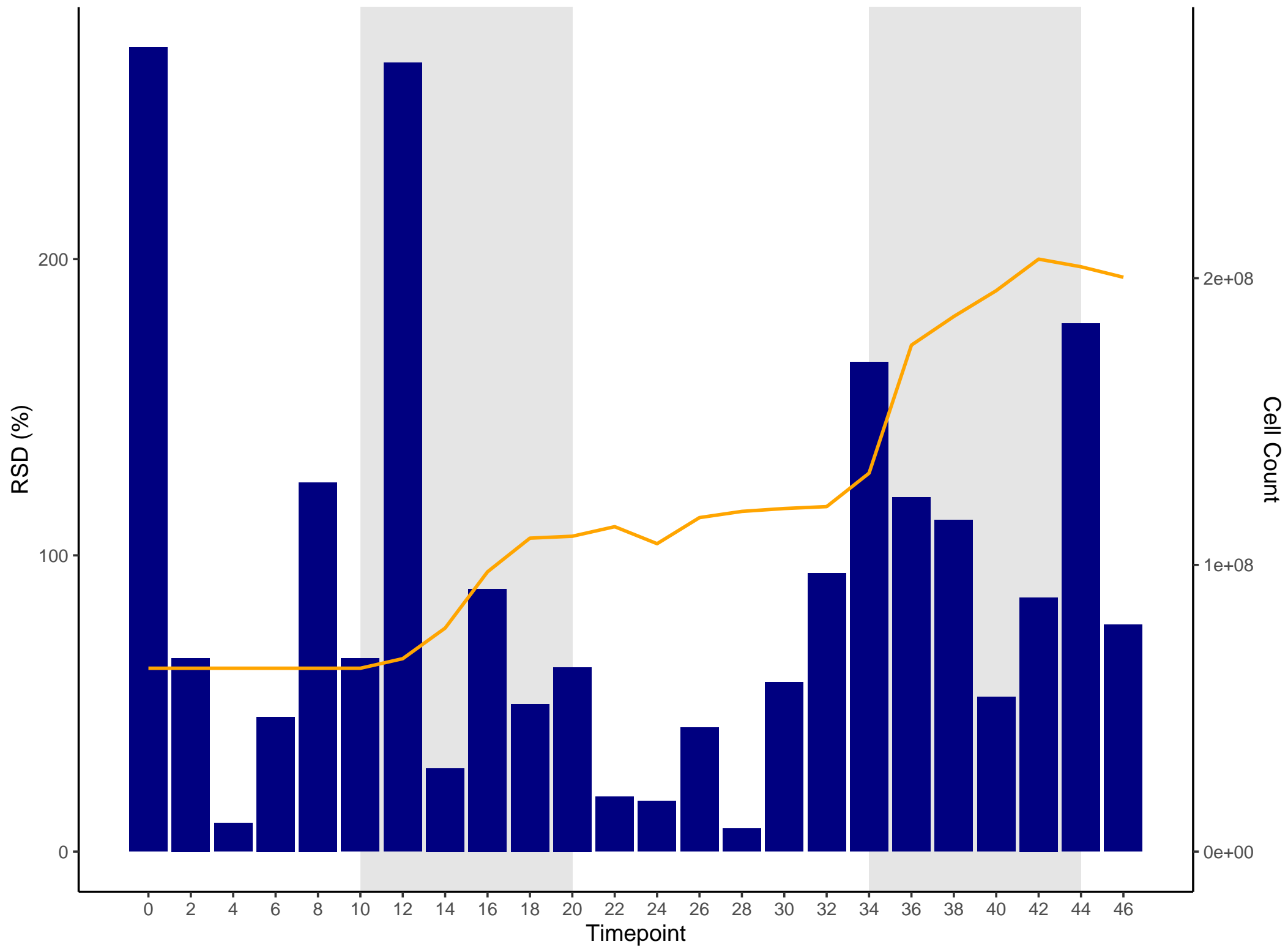
# inosine 5-monophosphate pos

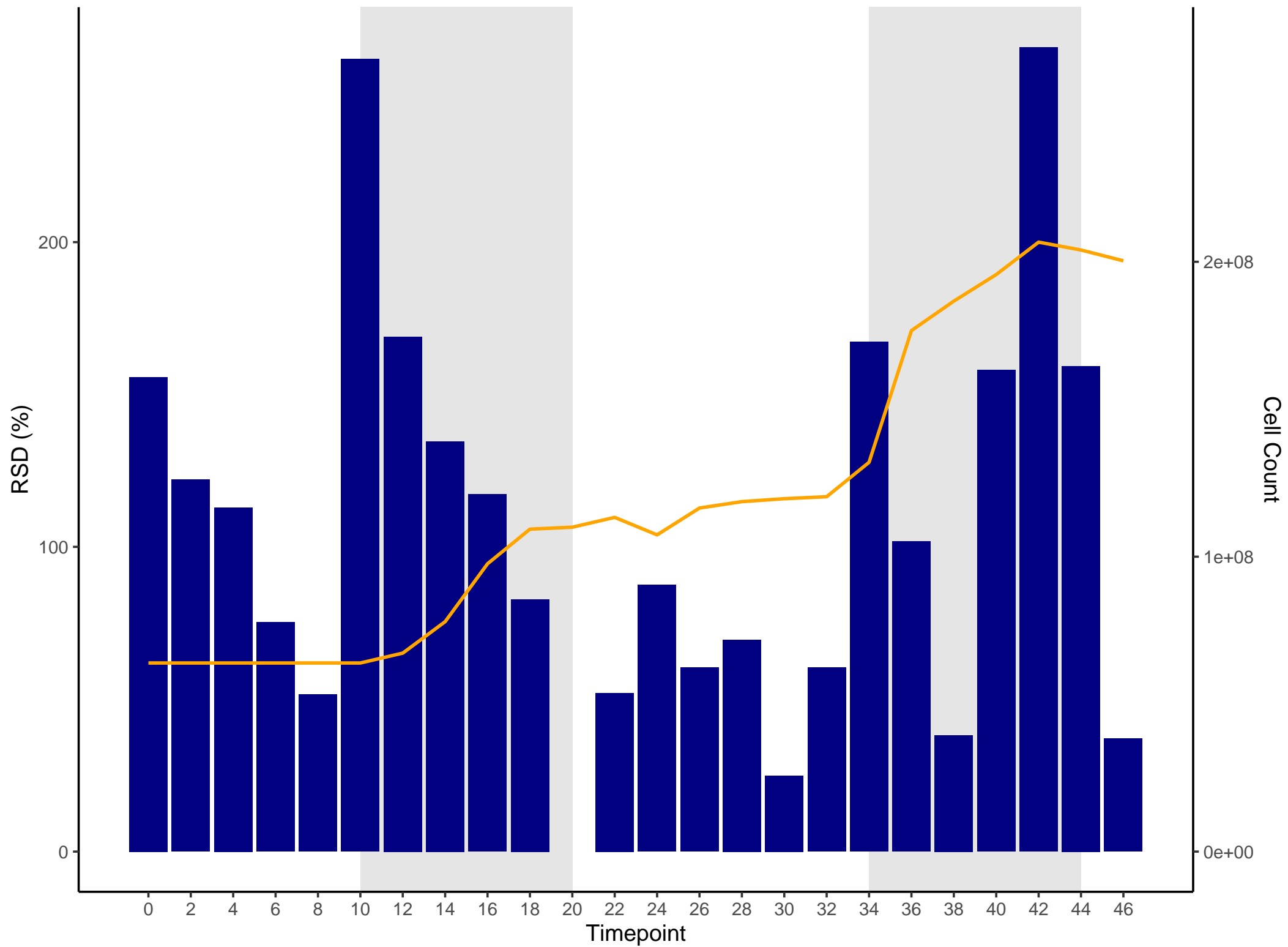


isoleucine

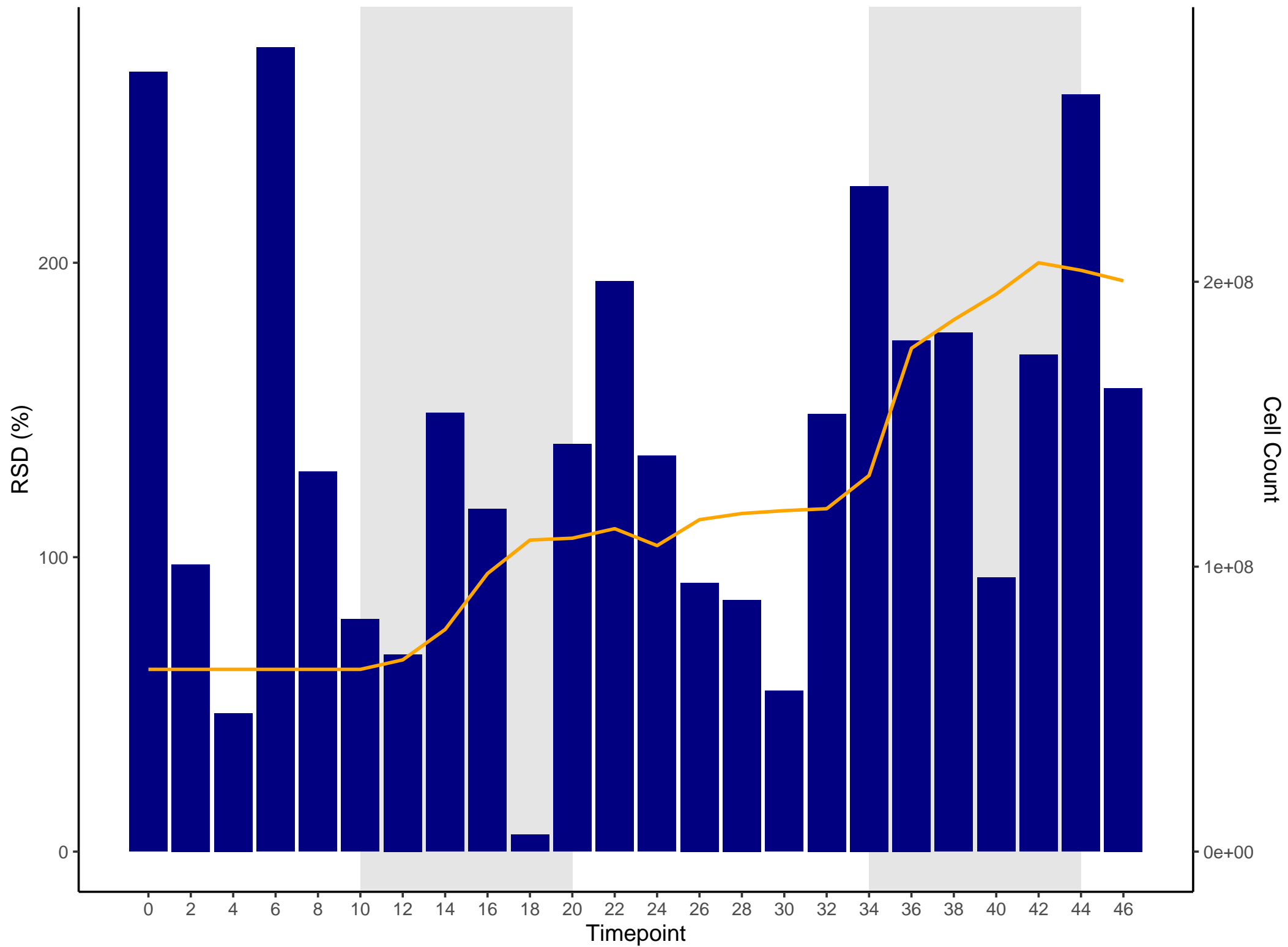


MTA

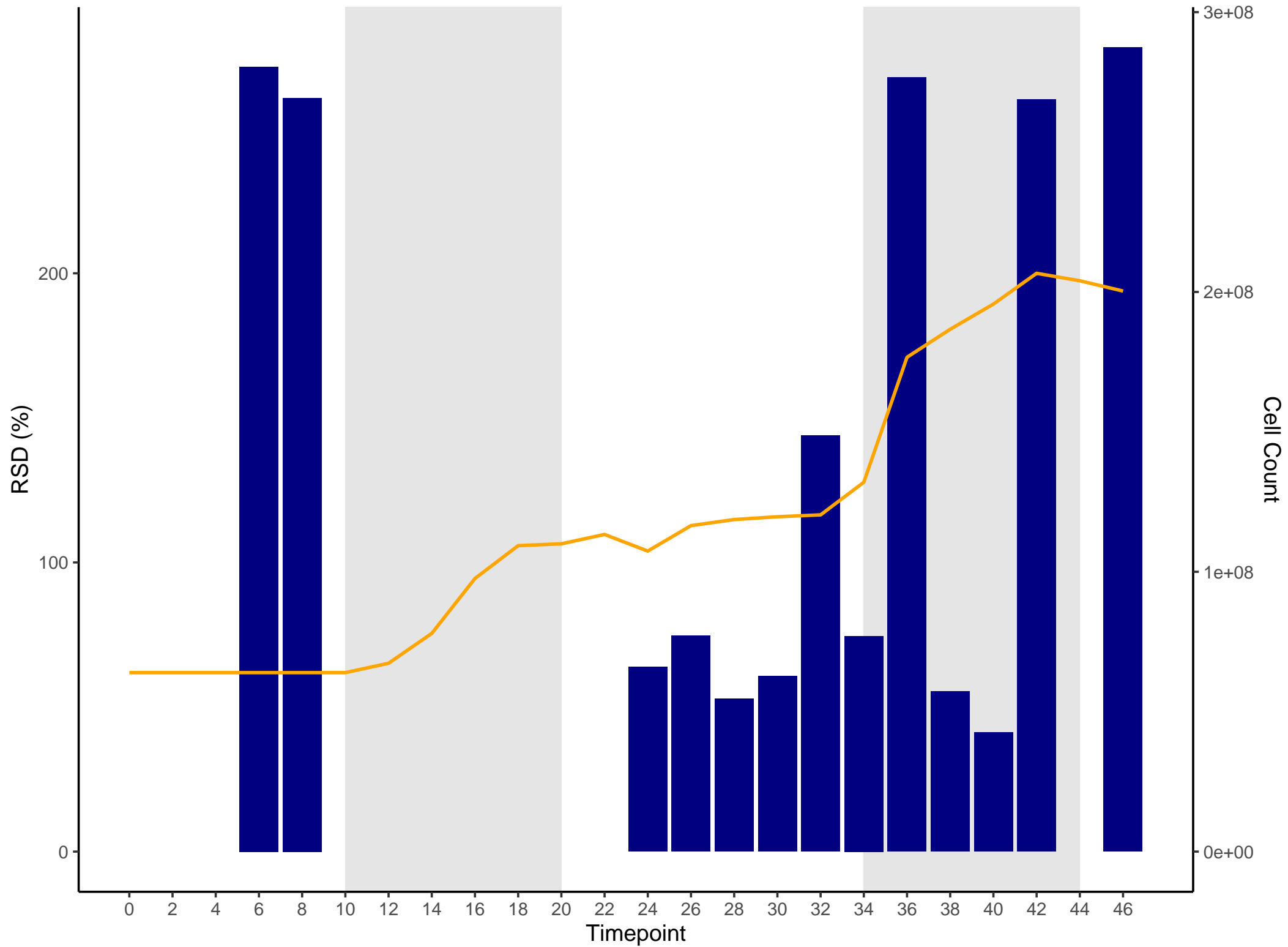




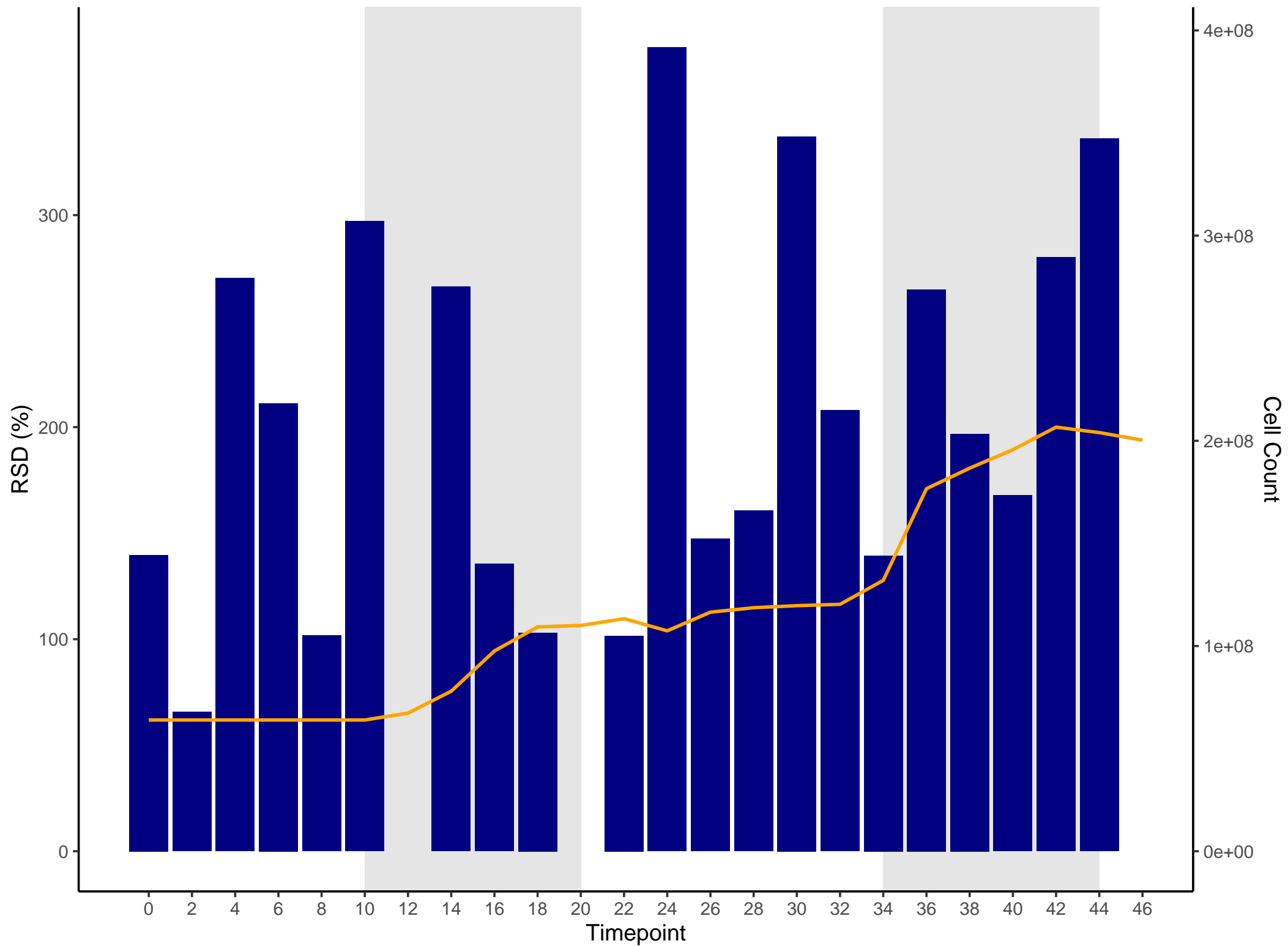
citric acid



methionine

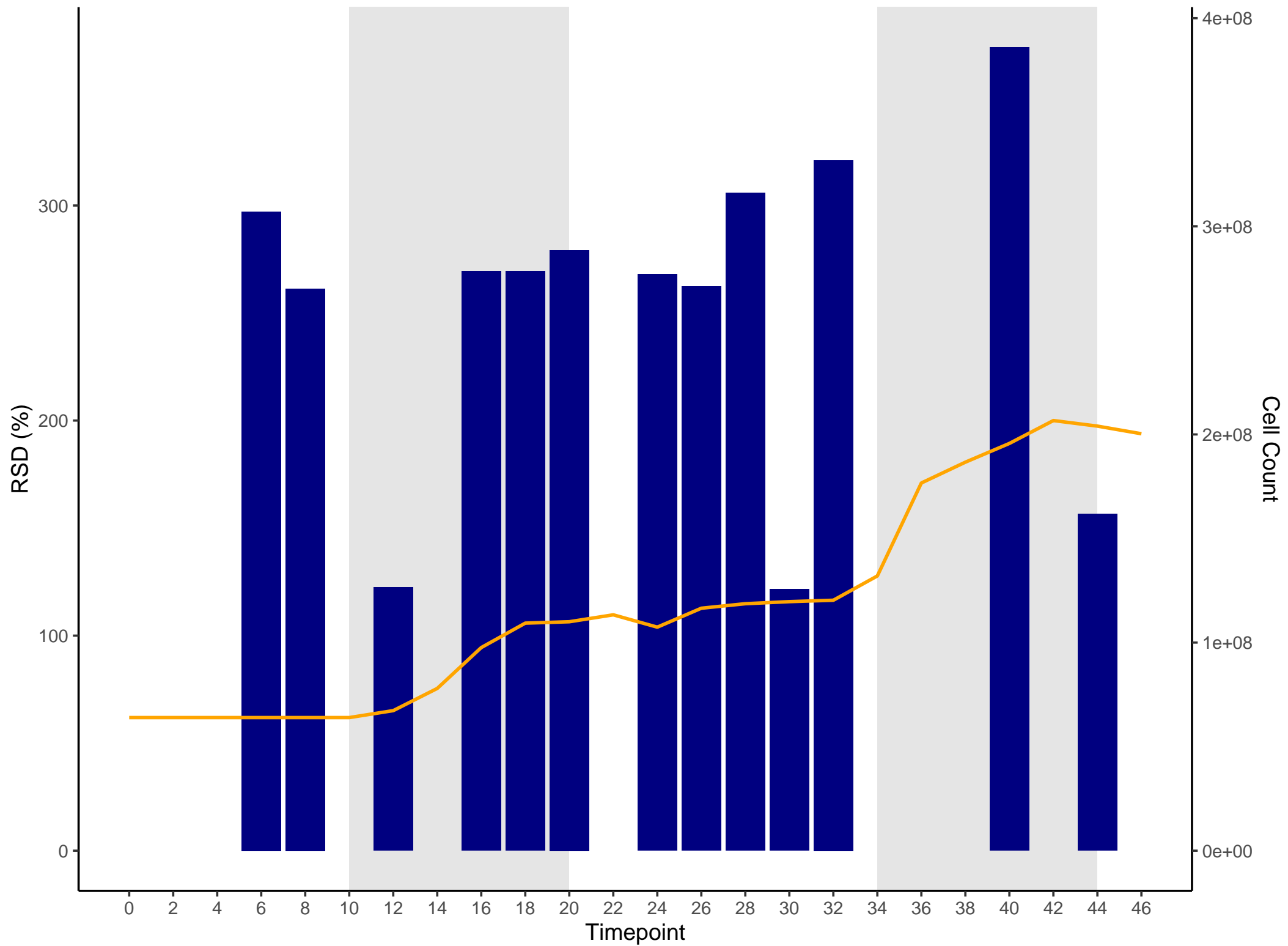


succinic acid

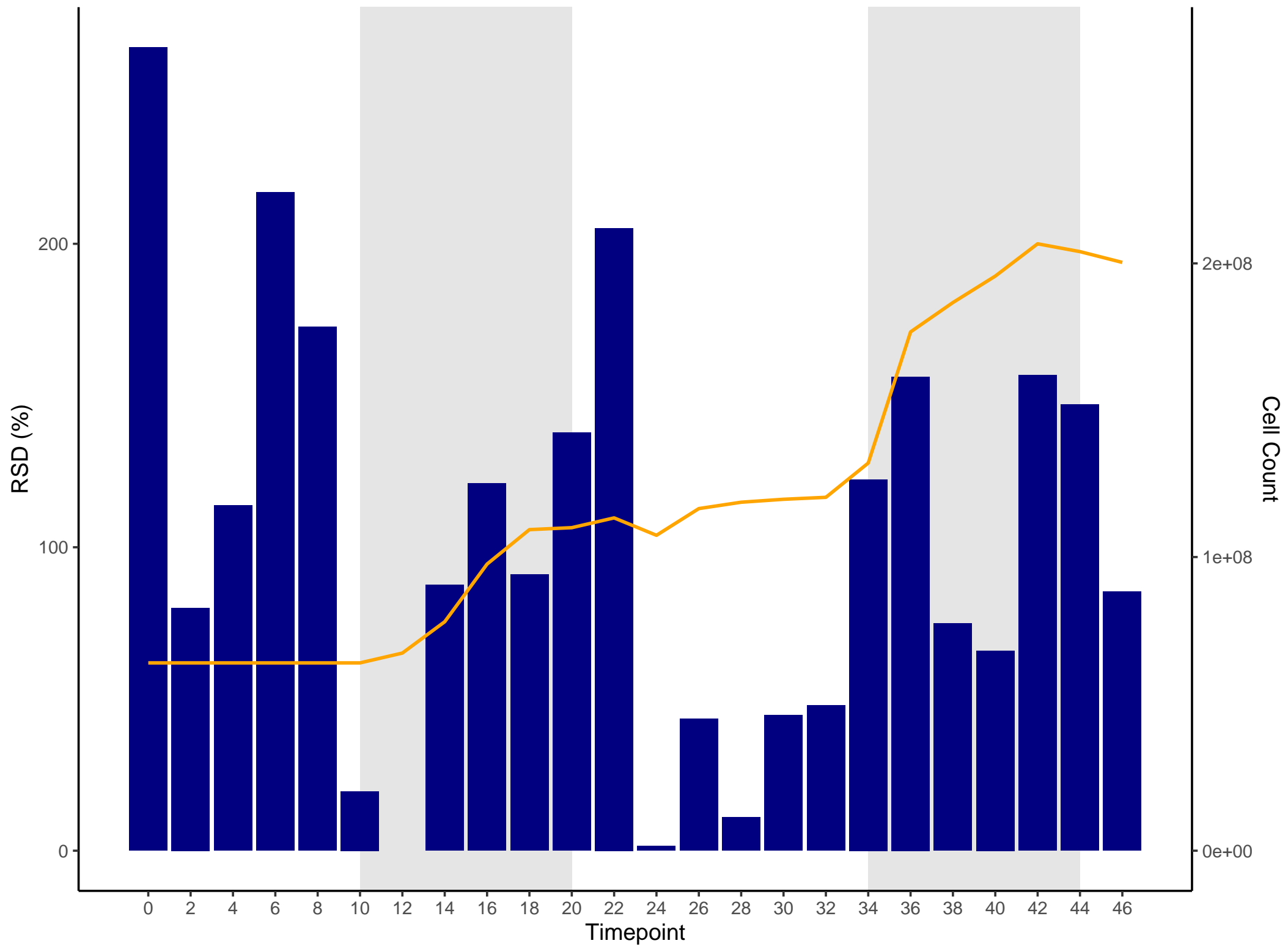




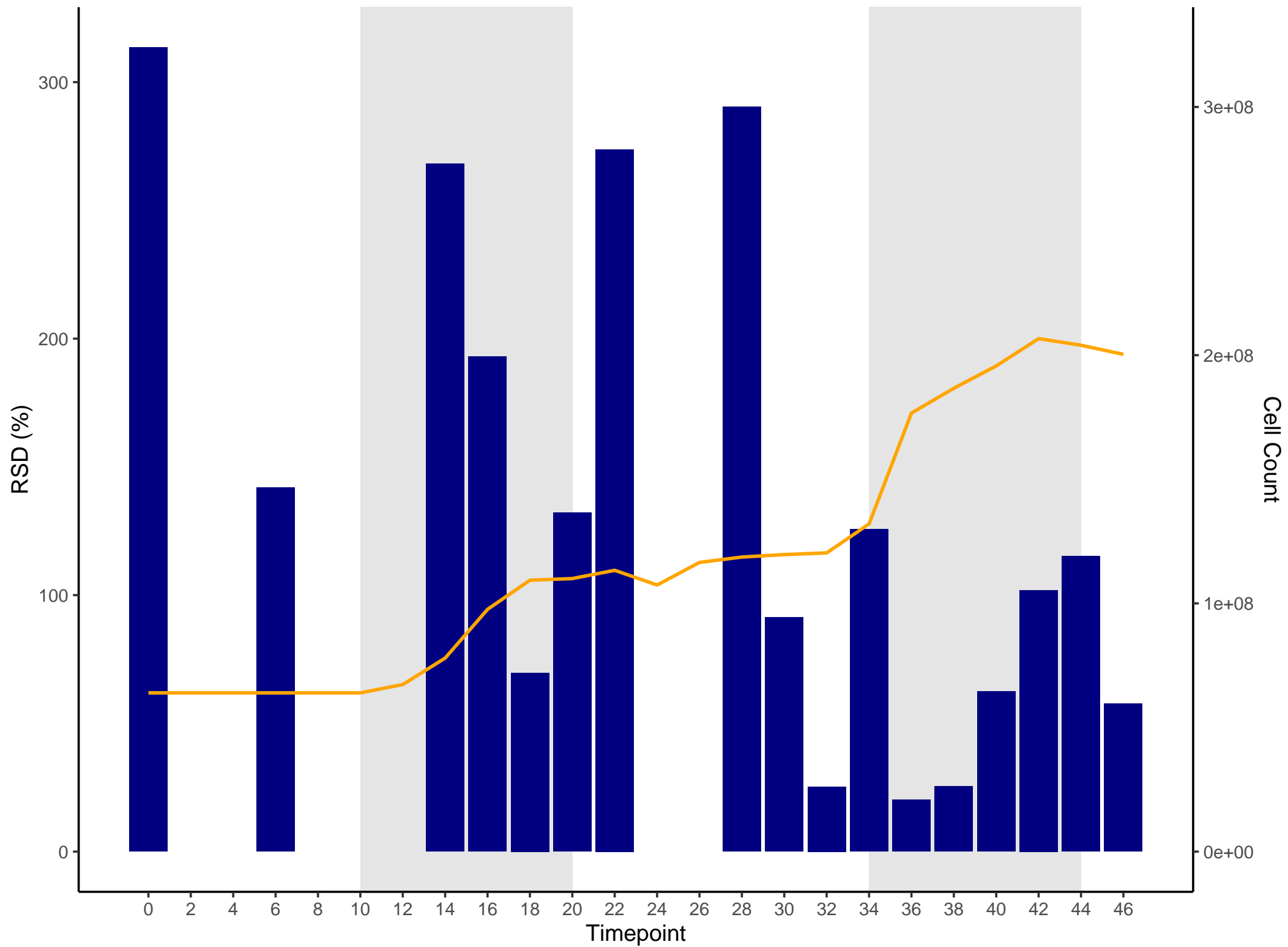
T\_90to30



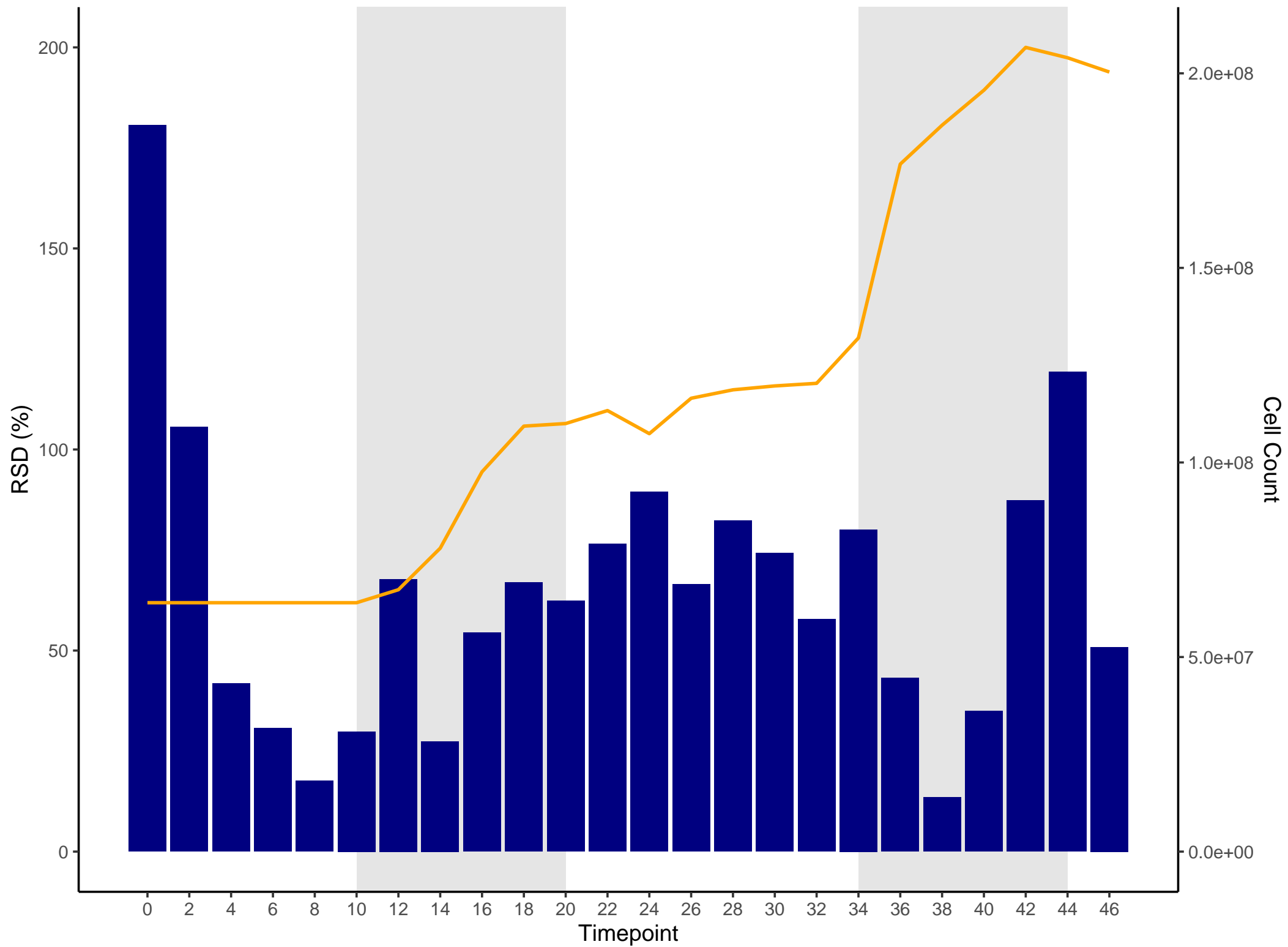
NADP



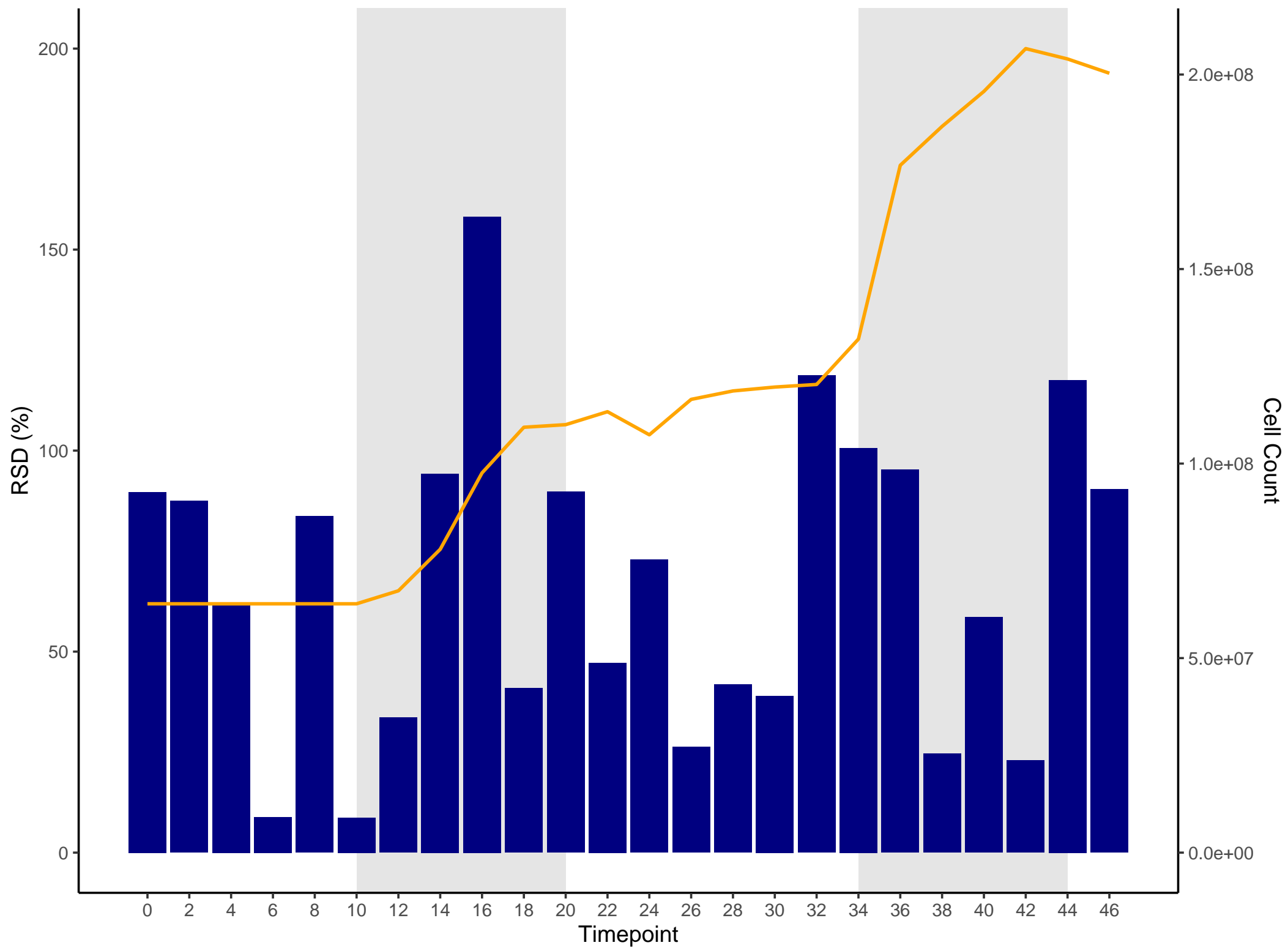
nicotinamide



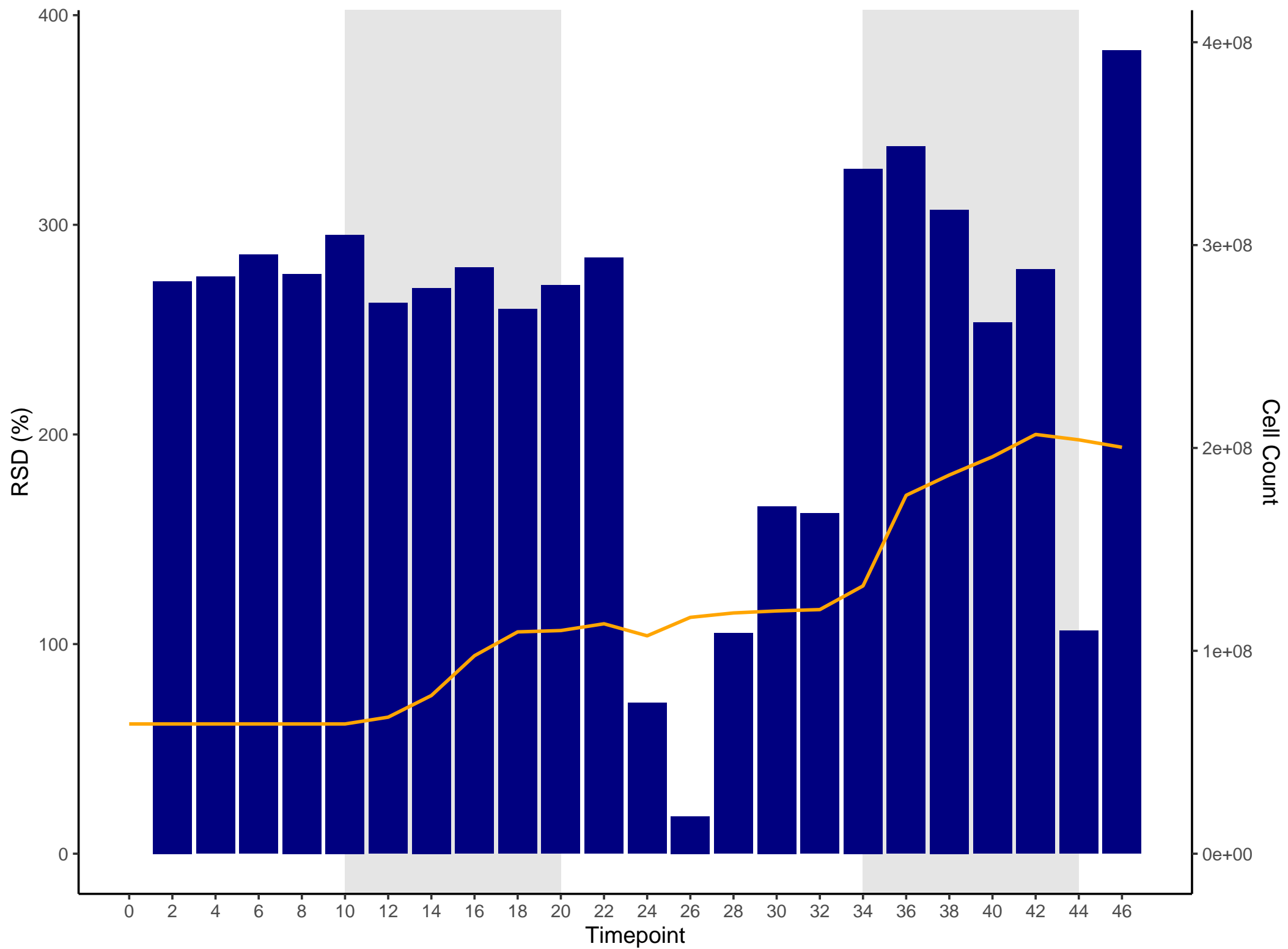
thymidine



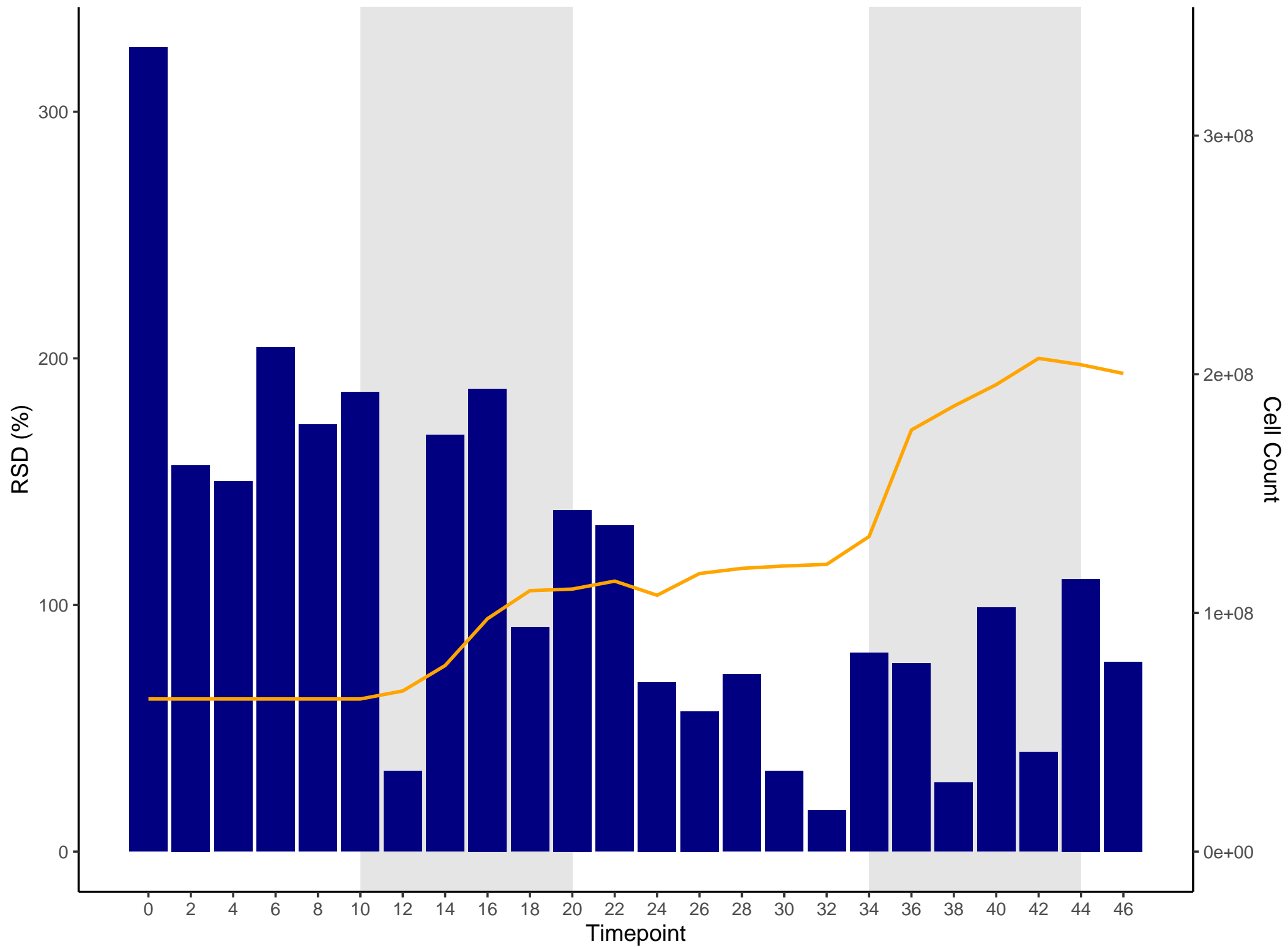
tryptophan



T\_90to62



# Iumichrome



# tetrahydrobiopterin240

