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########### BASE TOP 5 DF CREATION FOR CALCULATING ALL CR AND IR ###########

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### 11/17/23 I needed to re-run the CR and IR because I didn't use the corrected

## df where I had added a count of 1 to YBP1 rep 2 cpmE CenDiaLg. See notes in "Thesis

## Project and Analysis Notes.docx" for the reasons.

library(tidyverse)

library(writexl)

load("data7\_24/MasterFiles/MasterRFiles/volbio\_all\_cr.Rdata")

baseTop5 <- volbio\_all\_cr %>%

mutate(taxaGroup = group\_size)

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "ChlLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "ChlSm"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "CyanoLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "CyanoSm"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "DinoLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "DinoSm"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "FlagLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "PenDiaLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "PenDiaSm"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "ChnDiaLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "ChnDiaSm"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "UnidLg"] <- "Other"

baseTop5["taxaGroup"][baseTop5["taxaGroup"] == "UnidSm"] <- "Other"

save(baseTop5, file = "data7\_24/MasterFiles/MasterRFiles/baseTop5.Rdata")

save(baseTop5, file = "Final Final/baseTop5.Rdata")

write\_xlsx(baseTop5, "Final Final/baseTop5.xlsx")