

Summary Table Filename: mousePH.taxa.genus.no_mc.rep_mrg.gt750.exp_only.summary_table.tsv

Output Filename Root: mousePH.taxa.genus.no_mc.rep_mrg.gt750.exp_only

Number of Top ALR to include: 35

Look for 'Remaining' category column? FALSE

Lowest non-zero value: 0.000189969604863222

Substituting 0's with: $1.89969604863222 \times 10^{-5}$, i.e. 1/10th of Lowest non-zero = $0.000189969604863222/10$.

ALR Categories (Top 35)

[1]	"Bacteroidales_S24_7_grp_uncl"	"Lachnospiraceae_uncl"
[3]	"Lachnospiraceae_NK4A136_grp"	"Ruminococcaceae_uncl"
[5]	"Lactococcus"	"Romboutsia"
[7]	"Clostridiales_vadinBB60_grp_uncl"	"Akkermansia"
[9]	"Anaeroplasma"	"Oscillibacter"
[11]	"Acetatifactor"	"Ruminiclostridium_9"
[13]	"Enterobacteriaceae_uncl"	"Lactobacillus"
[15]	"Turicibacter"	"Lachnospiraceae_UCG_001"
[17]	"Clostridium_sensu_stricto_1"	"Clostridiales_uncl"
[19]	"Parabacteroides"	"Tyzzerella"
[21]	"Enterococcus"	"Peptostreptococcaceae_uncl"
[23]	"Ruminococcaceae_UCG_014"	"Bacteria_uncl"
[25]	"Parcubacteria_uncl"	"Lachnoclostridium"
[27]	"Lactobacillales_uncl"	"Epulopiscium"
[29]	"Clostridiaceae_1_uncl"	"Erysipelatoclostridium"
[31]	"Flavobacterium"	"Ruminiclostridium_5"
[33]	"Roseburia"	"Anaerotruncus"
[35]	"Eubacterium_coprostanoligenes_grp"	

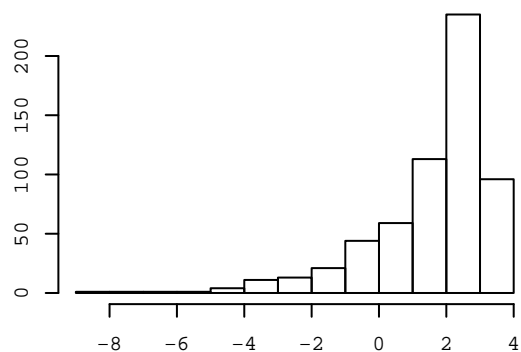
Response Correlations



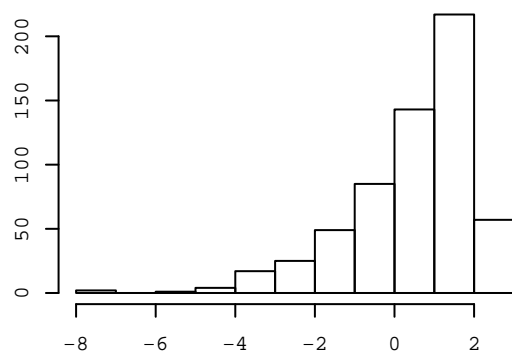
ALR Categories Summary:

Bacteroidales_S24_7_grp_uncl		Lachnospiraceae_uncl		Lachnospiraceae_NK4A136_grp		Ruminococcaceae_uncl			
Min.	: -8.7113	Min.	: -7.8163	Min.	: -9.9006	Min.	: -9.9006		
1st Qu.:	0.9567	1st Qu.:	-0.3025	1st Qu.:	-2.1440	1st Qu.:	-1.9065		
Median :	2.1459	Median :	0.8743	Median :	-0.1964	Median :	-0.1997		
Mean :	1.5892	Mean :	0.4405	Mean :	-1.0070	Mean :	-0.8246		
3rd Qu.:	2.7105	3rd Qu.:	1.5598	3rd Qu.:	0.7773	3rd Qu.:	0.7707		
Max.	: 3.9304	Max.	: 2.9427	Max.	: 2.5909	Max.	: 2.3833		
Lactococcus		Romboutsia		Clostridiales_vadinBB60_grp_uncl		Akkermansia			
Min.	: -10.367	Min.	: -10.471	Min.	: -10.1851	Min.	: -10.471		
1st Qu.:	-7.393	1st Qu.:	-7.582	1st Qu.:	-6.8989	1st Qu.:	-7.522		
Median :	-6.872	Median :	-7.205	Median :	-2.4052	Median :	-7.106		
Mean :	-4.665	Mean :	-5.656	Mean :	-2.8723	Mean :	-5.018		
3rd Qu.:	-2.356	3rd Qu.:	-4.142	3rd Qu.:	0.2203	3rd Qu.:	-2.538		
Max.	: 3.653	Max.	: 3.872	Max.	: 3.7809	Max.	: 3.103		
Anaeroplasma		Oscillibacter		Acetatifactor		Ruminiclostridium_9			
Min.	: -10.3667	Min.	: -10.1755	Min.	: -9.4208	Min.	: -9.9006		
1st Qu.:	-7.4011	1st Qu.:	-2.7213	1st Qu.:	-3.0110	1st Qu.:	-2.7312		
Median :	-4.3941	Median :	-1.0402	Median :	-1.7122	Median :	-1.2905		
Mean :	-4.0900	Mean :	-1.6865	Mean :	-1.9639	Mean :	-1.8119		
3rd Qu.:	-0.8339	3rd Qu.:	0.1105	3rd Qu.:	-0.6166	3rd Qu.:	-0.2919		
Max.	: 3.1009	Max.	: 1.9118	Max.	: 2.0115	Max.	: 1.7401		
Enterobacteriaceae_uncl		Lactobacillus		Turicibacter		Lachnospiraceae_UCG_001			
Min.	: -10.382	Min.	: -10.382	Min.	: -10.471	Min.	: -10.471		
1st Qu.:	-7.628	1st Qu.:	-7.440	1st Qu.:	-7.766	1st Qu.:	-7.522		
Median :	-7.285	Median :	-7.058	Median :	-7.368	Median :	-7.071		
Mean :	-6.574	Mean :	-5.343	Mean :	-6.688	Mean :	-5.289		
3rd Qu.:	-6.957	3rd Qu.:	-3.345	3rd Qu.:	-7.046	3rd Qu.:	-2.639		
Max.	: 3.840	Max.	: 2.590	Max.	: 3.342	Max.	: 2.511		
Clostridium_sensu_stricto_1		Clostridiales_uncl		Parabacteroides		Tyzzzerella			
Min.	: -10.471	Min.	: -10.1851	Min.	: -10.471	Min.	: -10.471		
1st Qu.:	-7.685	1st Qu.:	-4.1333	1st Qu.:	-7.814	1st Qu.:	-7.433		
Median :	-7.293	Median :	-2.3111	Median :	-7.442	Median :	-4.670		
Mean :	-6.404	Mean :	-3.0393	Mean :	-7.261	Mean :	-4.872		
3rd Qu.:	-6.928	3rd Qu.:	-1.2199	3rd Qu.:	-7.180	3rd Qu.:	-2.536		
Max.	: 3.578	Max.	: 0.9435	Max.	: 2.856	Max.	: 1.058		
Enterococcus		Peptostreptococcaceae_uncl		Ruminococcaceae_UCG_014		Bacteria_uncl			
Min.	: -10.471	Min.	: -10.471	Min.	: -10.2660	Min.	: -10.185		
1st Qu.:	-7.605	1st Qu.:	-7.785	1st Qu.:	-7.1830	1st Qu.:	-4.616		
Median :	-7.280	Median :	-7.385	Median :	-3.6487	Median :	-3.425		
Mean :	-6.529	Mean :	-6.956	Mean :	-4.3623	Mean :	-3.945		
3rd Qu.:	-6.944	3rd Qu.:	-7.074	3rd Qu.:	-2.2250	3rd Qu.:	-2.522		
Max.	: 2.924	Max.	: 3.234	Max.	: 0.4849	Max.	: 1.087		
Parcubacteria_uncl		Lachnoclostridium		Lactobacillales_uncl		Epulopiscium		Clostridiaceae_1_uncl	
Min.	: -10.185	Min.	: -10.4714	Min.	: -10.382	Min.	: -10.471	Min.	: -10.382
1st Qu.:	-7.503	1st Qu.:	-7.2468	1st Qu.:	-7.703	1st Qu.:	-7.853	1st Qu.:	-7.674
Median :	-7.190	Median :	-3.9939	Median :	-7.314	Median :	-7.457	Median :	-7.334
Mean :	-6.076	Mean :	-4.6100	Mean :	-6.761	Mean :	-7.479	Mean :	-6.786
3rd Qu.:	-4.100	3rd Qu.:	-2.6226	3rd Qu.:	-7.002	3rd Qu.:	-7.194	3rd Qu.:	-7.028
Max.	: -1.288	Max.	: 0.7755	Max.	: 2.505	Max.	: 2.102	Max.	: 2.622
Erysipelatoclostridium		Flavobacterium		Ruminiclostridium_5		Roseburia		Anaerotruncus	
Min.	: -10.471	Min.	: -10.185	Min.	: -10.185	Min.	: -10.4714	Min.	: -10.382
1st Qu.:	-7.537	1st Qu.:	-7.545	1st Qu.:	-6.848	1st Qu.:	-7.5179	1st Qu.:	-7.441
Median :	-7.172	Median :	-7.269	Median :	-3.827	Median :	-7.0051	Median :	-5.187
Mean :	-6.005	Mean :	-6.528	Mean :	-4.429	Mean :	-5.5642	Mean :	-5.342
3rd Qu.:	-4.036	3rd Qu.:	-6.947	3rd Qu.:	-2.916	3rd Qu.:	-3.4466	3rd Qu.:	-3.384
Max.	: 1.070	Max.	: -1.168	Max.	: 1.712	Max.	: 0.2588	Max.	: 1.106
Eubacterium_coprostanoligenes_grp									
Min.	: -10.471								
1st Qu.:	-7.729								
Median :	-7.325								
Mean :	-6.534								
3rd Qu.:	-6.928								
Max.	: 1.526								

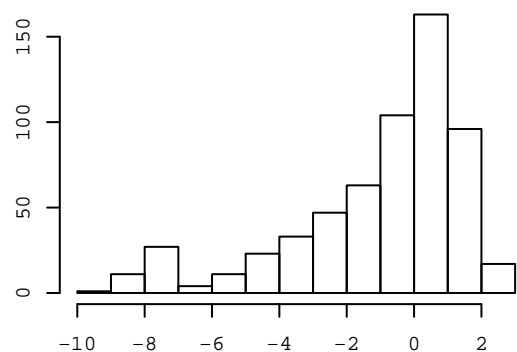
Bacteroidales_S24_7_grp_unc1



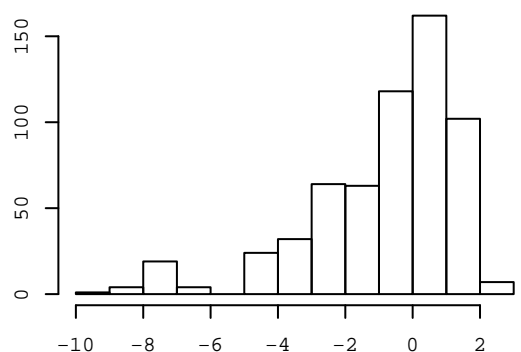
Lachnospiraceae_unc1



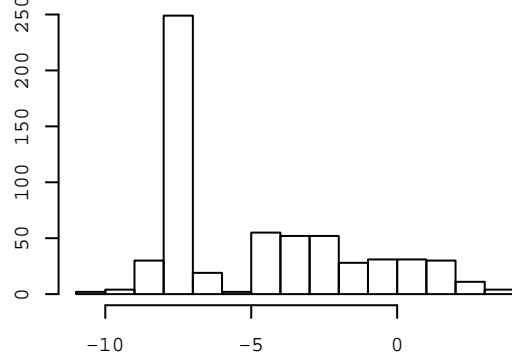
Lachnospiraceae_NK4A136_grp



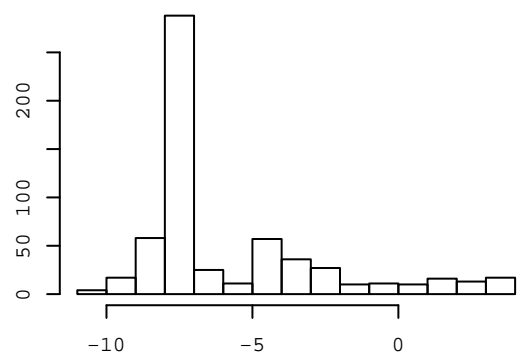
Ruminococcaceae_unc1



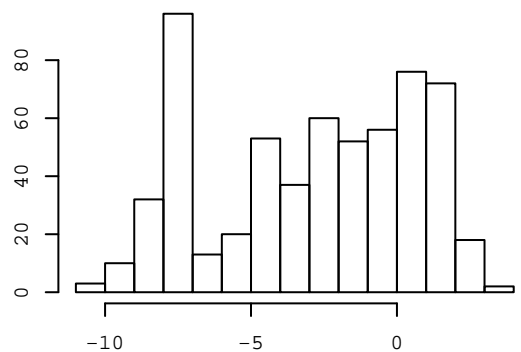
Lactococcus



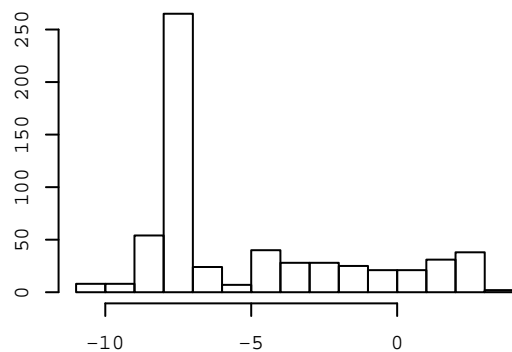
Romboutsia



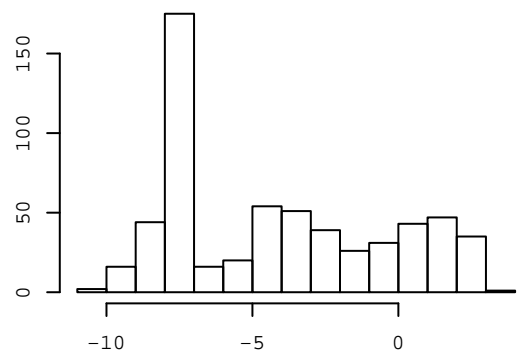
Clostridiales_vadinBB60_grp_unc1



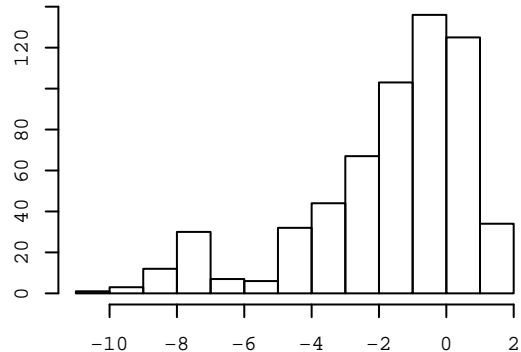
Akkermansia



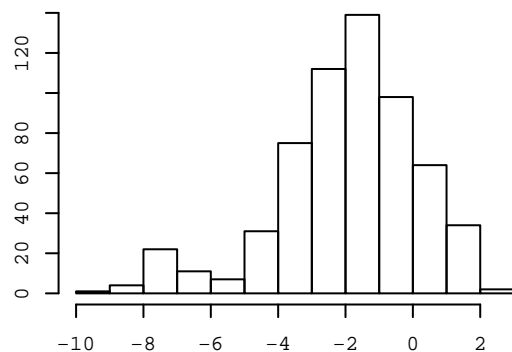
Anaeroplasma



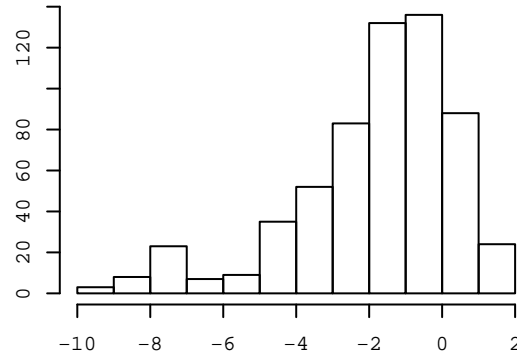
Oscillibacter



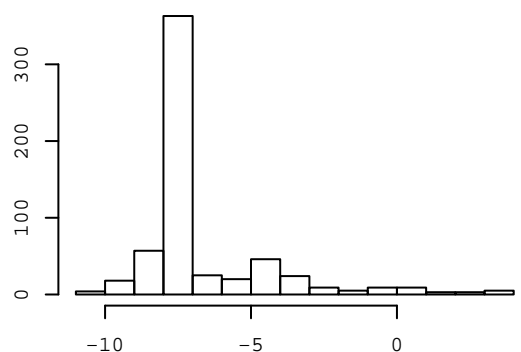
Acetatifactor



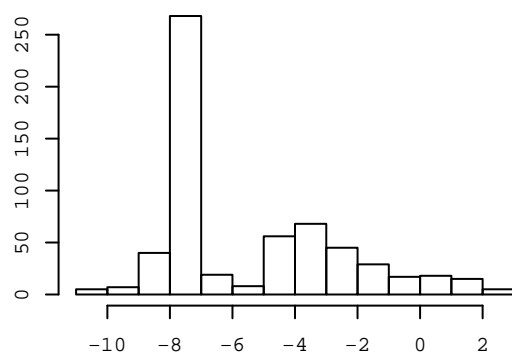
Ruminiclostridium_9



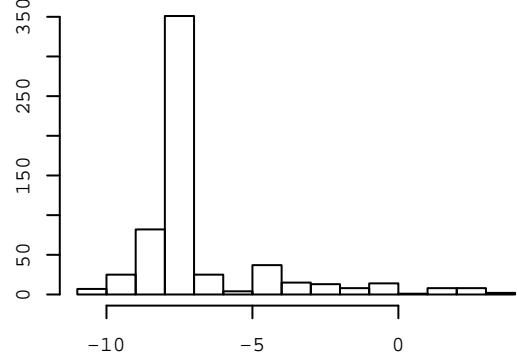
Enterobacteriaceae_unc1



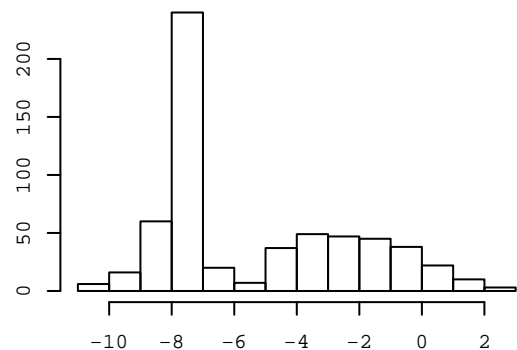
Lactobacillus



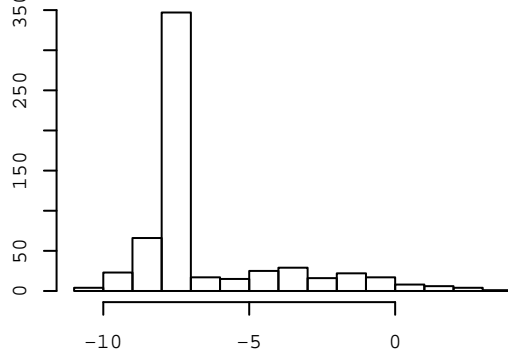
Turicibacter



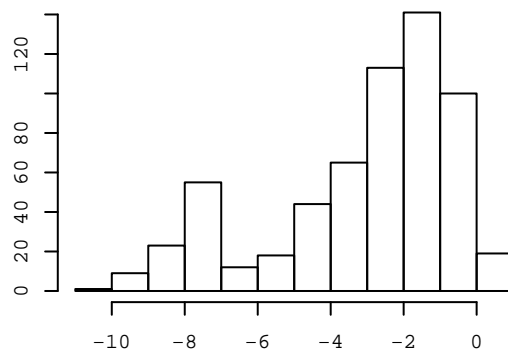
Lachnospiraceae_UCG_001



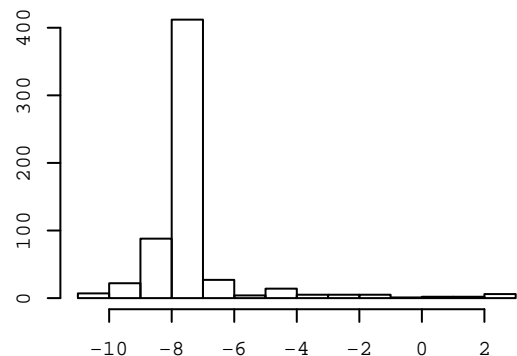
Clostridium_sensu_stricto_1



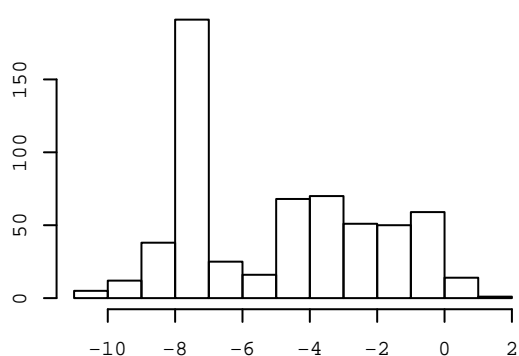
Clostridiales_unc1



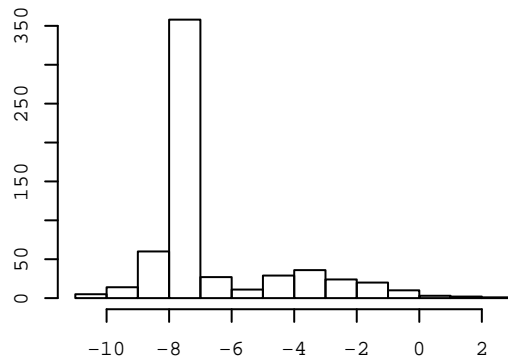
Parabacteroides



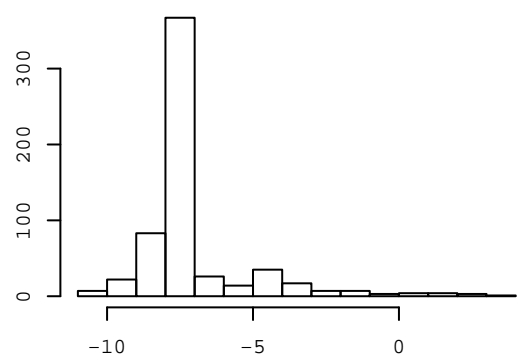
Tyzzerella



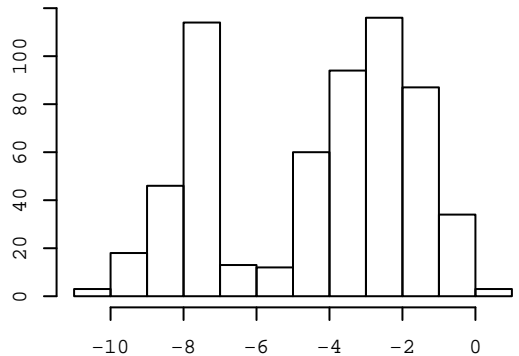
Enterococcus



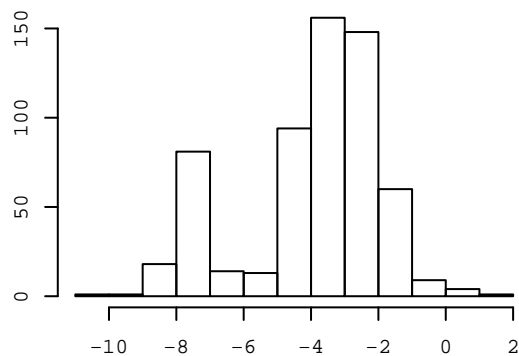
Peptostreptococcaceae_unc1



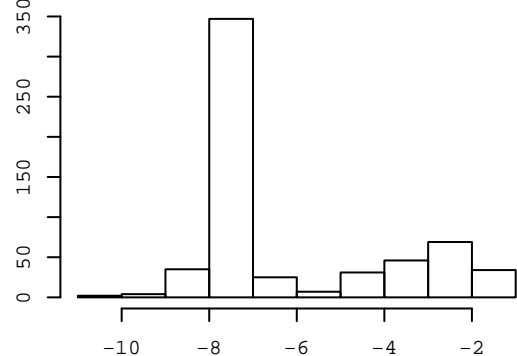
Ruminococcaceae_UCG_014



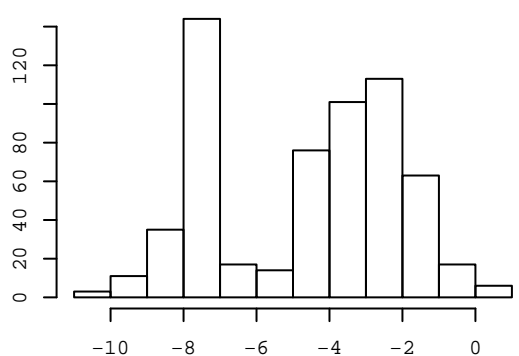
Bacteria_unc1



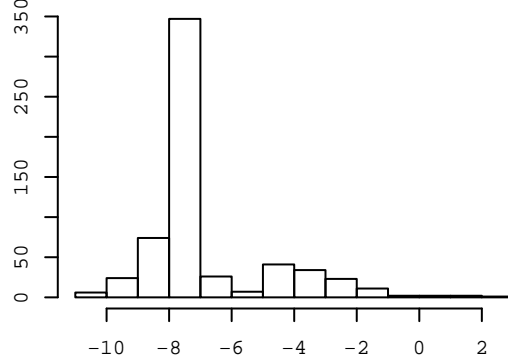
Parcubacteria_unc1



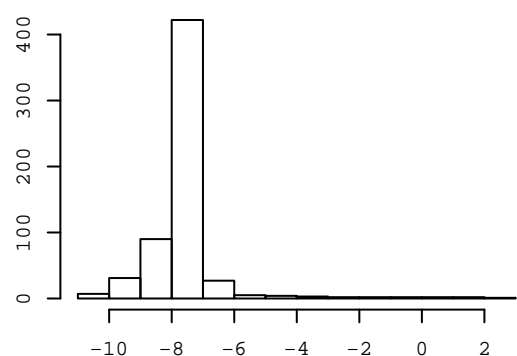
Lachnoclostridium



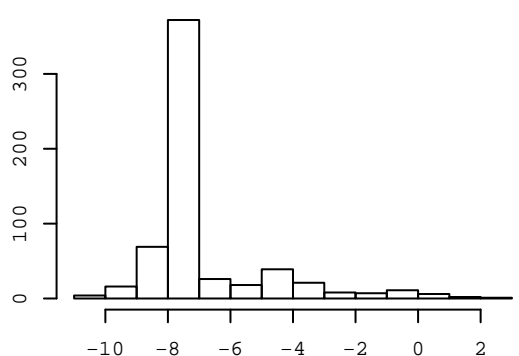
Lactobacillales_unc1



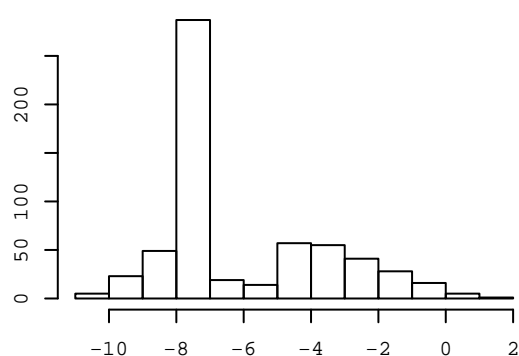
Epulopiscium



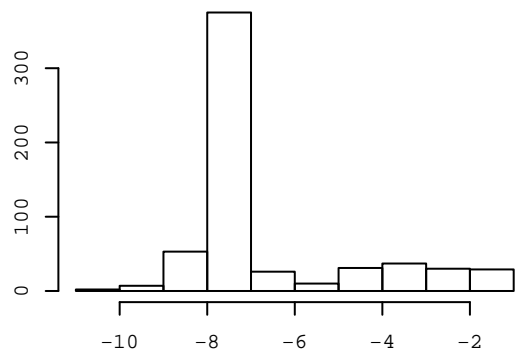
Clostridiaceae_1_unc1



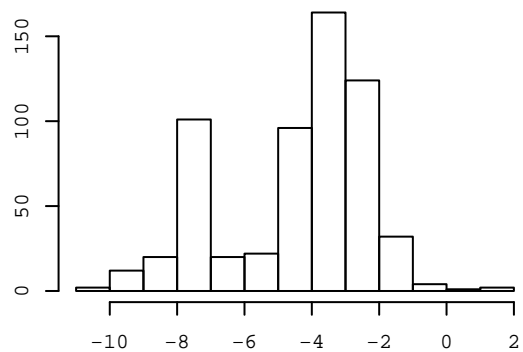
Erysipelatoclostridium



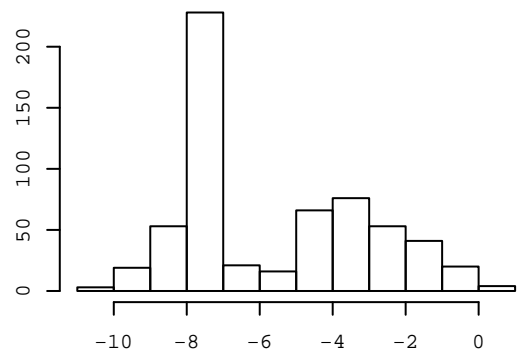
Flavobacterium



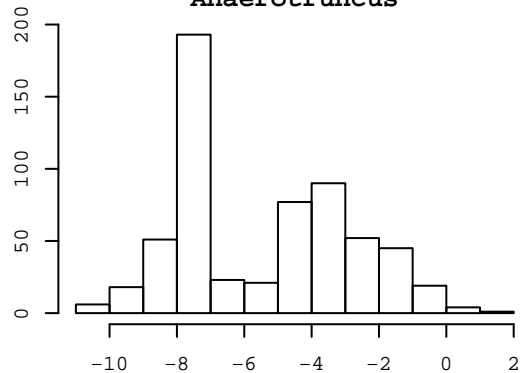
Ruminiclostridium_5



Roseburia



Anaerotruncus



Eubacterium_coprostanoligenes_grp

