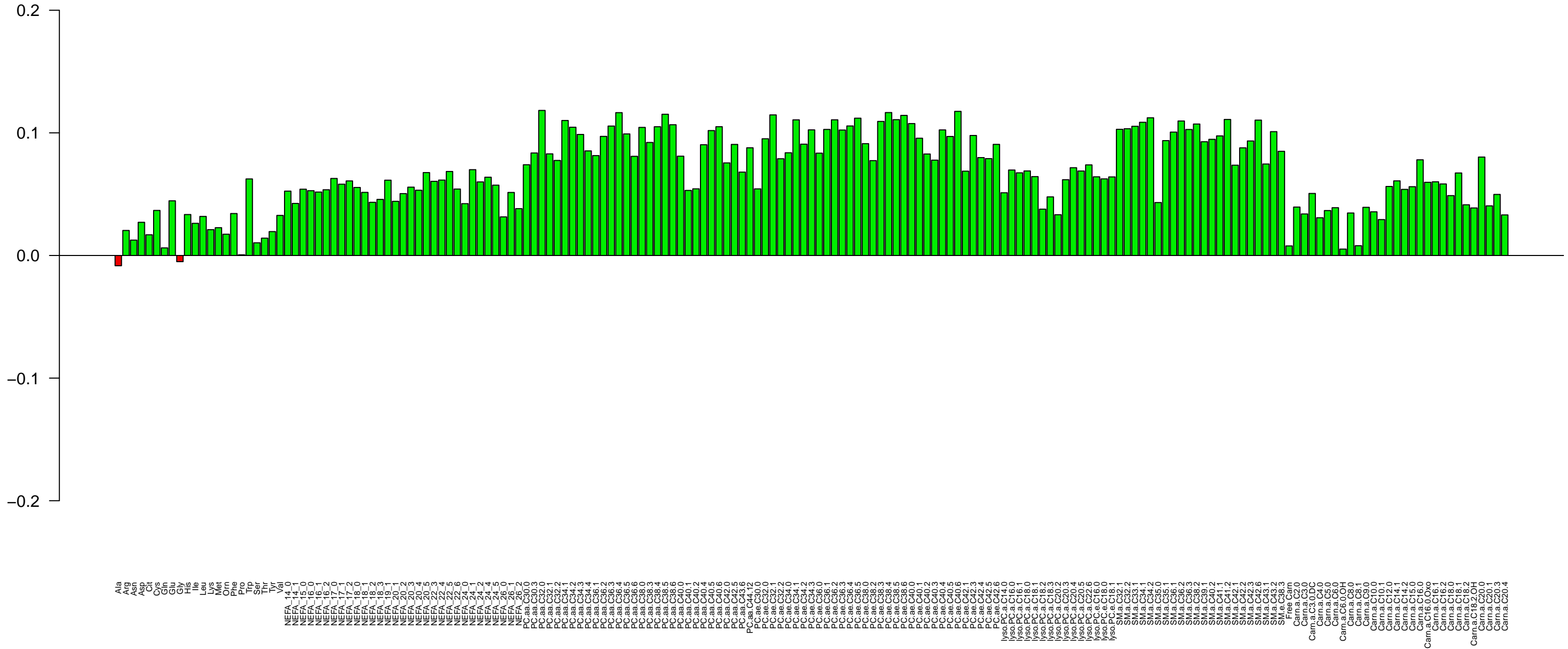
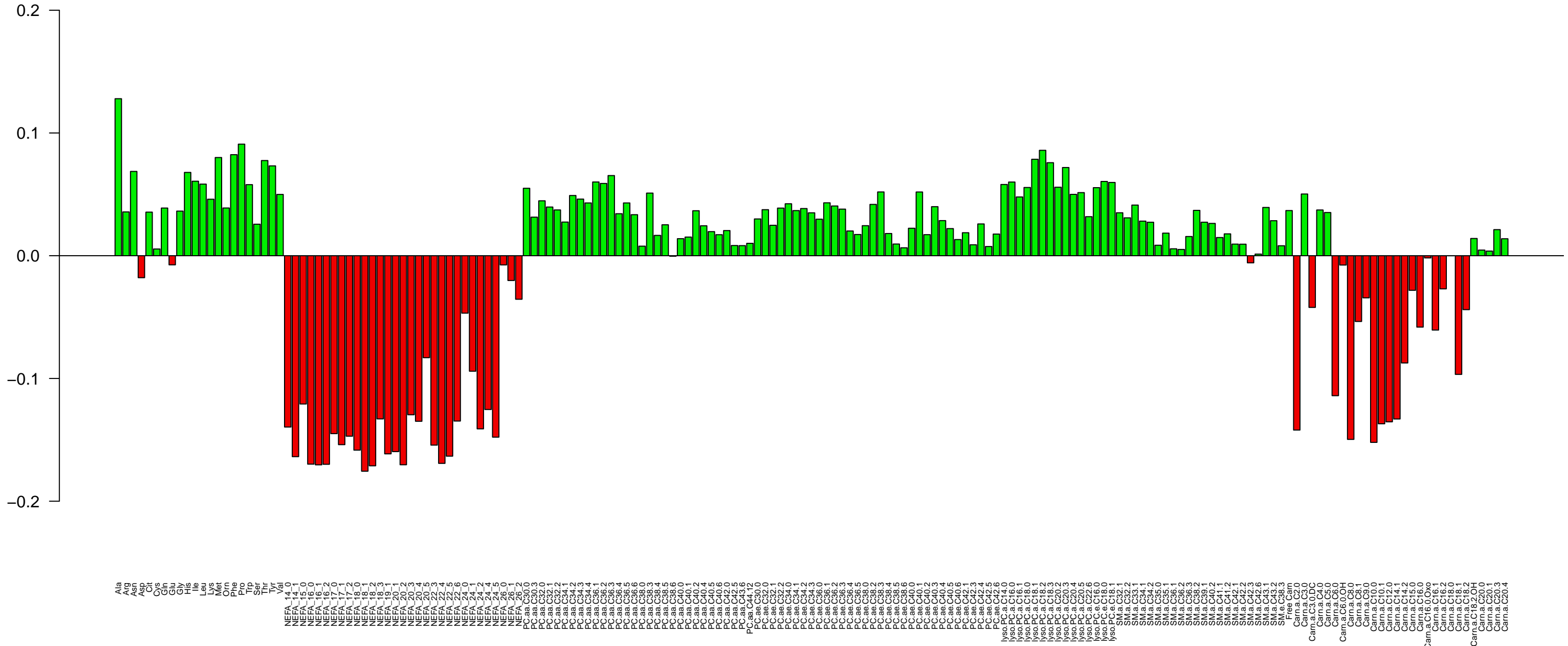


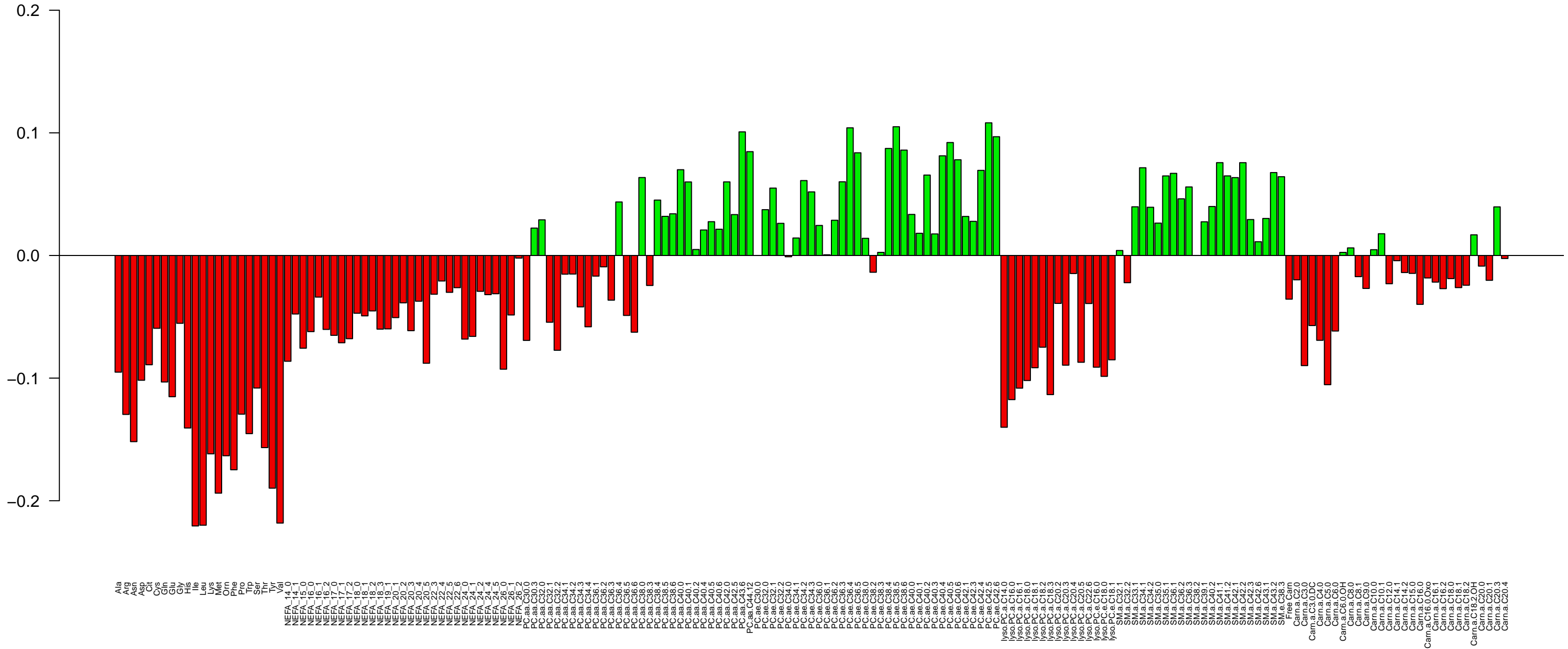
Child age 10 – PC 1 Loadings



Child age 10 – PC 2 Loadings



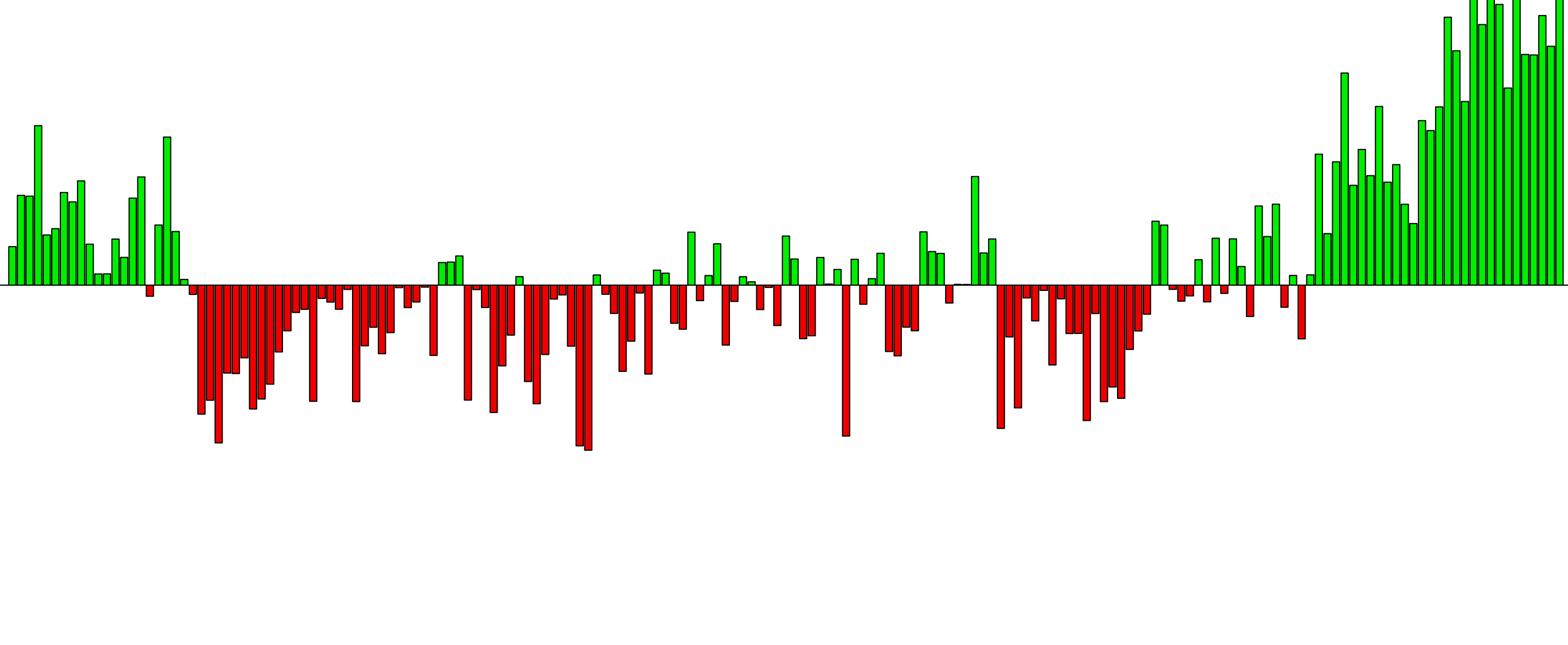
Child age 10 – PC 3 Loadings



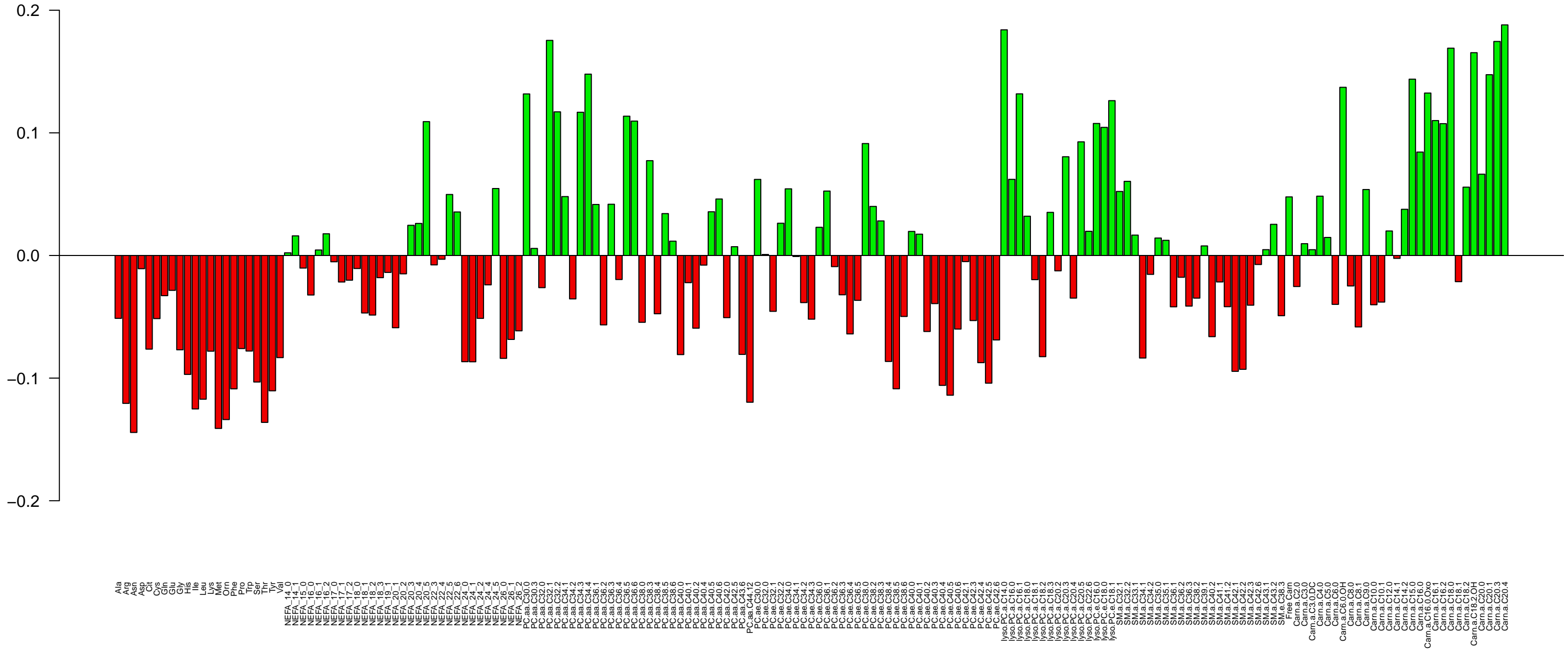
Child age 10 – PC 4 Loadings

0.2
0.1
0.0
-0.1
-0.2

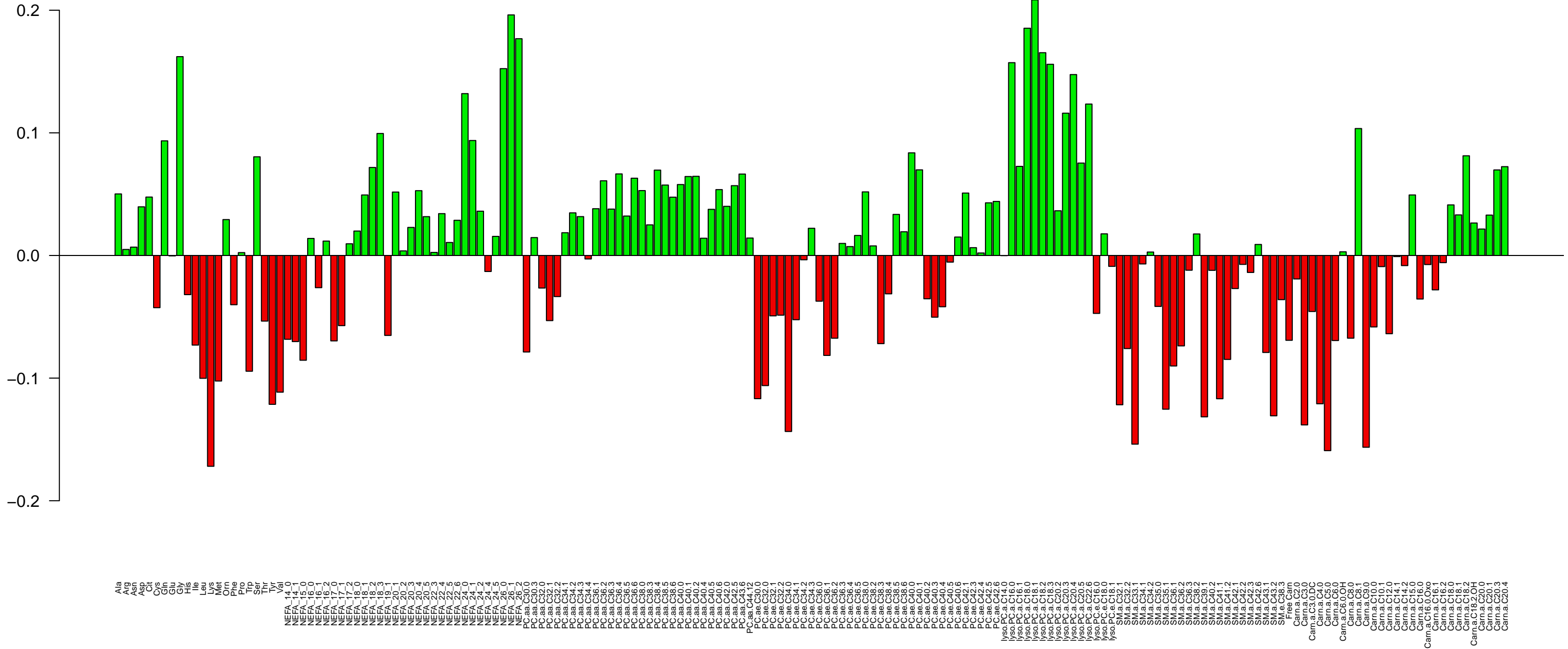
Ala
Arg
Asn
Asp
Cit
Cis
Cln
Civ
His
Ile
Leu
Lys
Met
Orn
Phe
Pro
Trp
Thr
Val
NEFA_14_0
NEFA_14_1
NEFA_15_0
NEFA_16_0
NEFA_16_1
NEFA_16_2
NEFA_17_0
NEFA_17_1
NEFA_17_2
NEFA_18_0
NEFA_18_1
NEFA_18_2
NEFA_18_3
NEFA_19_1
NEFA_20_1
NEFA_20_2
NEFA_20_3
NEFA_20_4
NEFA_20_5
NEFA_22_3
NEFA_22_4
NEFA_22_5
NEFA_22_6
NEFA_24_0
NEFA_24_1
NEFA_24_2
NEFA_24_4
NEFA_24_5
NEFA_26_0
NEFA_26_1
NEFA_26_2
PC_aa_C30_0
PC_aa_C30_3
PC_aa_C32_0
PC_aa_C32_1
PC_aa_C32_2
PC_aa_C34_1
PC_aa_C34_2
PC_aa_C34_3
PC_aa_C34_4
PC_aa_C36_1
PC_aa_C36_2
PC_aa_C36_3
PC_aa_C36_4
PC_aa_C38_0
PC_aa_C38_2
PC_aa_C38_3
PC_aa_C38_4
PC_aa_C38_5
PC_aa_C38_6
PC_aa_C40_0
PC_aa_C40_1
PC_aa_C40_2
PC_aa_C40_4
PC_aa_C40_5
PC_aa_C40_6
PC_aa_C42_0
PC_aa_C42_5
PC_aa_C42_9
PC_ee_C30_0
PC_ee_C32_0
PC_ee_C32_1
PC_ee_C32_2
PC_ee_C34_0
PC_ee_C34_1
PC_ee_C34_2
PC_ee_C34_3
PC_ee_C36_0
PC_ee_C36_1
PC_ee_C36_2
PC_ee_C36_3
PC_ee_C36_4
PC_ee_C38_0
PC_ee_C38_2
PC_ee_C38_3
PC_ee_C38_4
PC_ee_C38_5
PC_ee_C38_6
PC_ee_C40_0
PC_ee_C40_1
PC_ee_C40_2
PC_ee_C40_3
PC_ee_C40_4
PC_ee_C40_5
PC_ee_C40_6
PC_ee_C42_1
PC_ee_C42_3
PC_ee_C42_4
PC_ee_C42_5
Iyso_PC_a_C14_0
Iyso_PC_a_C16_0
Iyso_PC_a_C16_1
Iyso_PC_a_C18_0
Iyso_PC_a_C18_1
Iyso_PC_a_C18_2
Iyso_PC_a_C18_3
Iyso_PC_a_C20_2
Iyso_PC_a_C20_3
Iyso_PC_a_C20_4
Iyso_PC_a_C20_5
Iyso_PC_a_C22_0
Iyso_PC_a_C22_6
Iyso_PC_e_C18_0
Iyso_PC_e_C18_1
Iyso_PC_e_C18_2
SM_a_C32_1
SM_a_C32_2
SM_a_C33_1
SM_a_C34_1
SM_a_C34_2
SM_a_C35_0
SM_a_C35_1
SM_a_C36_1
SM_a_C36_2
SM_a_C36_3
SM_a_C38_2
SM_a_C40_1
SM_a_C40_2
SM_a_C41_1
SM_a_C41_2
SM_a_C42_1
SM_a_C42_2
SM_a_C42_3
SM_a_C43_1
SM_a_C43_2
SM_e_C38_3
Free Carn
Carn.a_C20
Carn.a_C30
Carn.a_C30.DC
Carn.a_C40
Carn.a_C60
Carn.a_C80
Carn.a_C80.OH
Carn.a_C81
Carn.a_C81
Carn.a_C90
Carn.a_C100
Carn.a_C100.1
Carn.a_C101
Carn.a_C120
Carn.a_C14.1
Carn.a_C14.2
Carn.a_C15.0
Carn.a_C16.0
Carn.a_C16.OxO
Carn.a_C16.1
Carn.a_C18.1
Carn.a_C18.2
Carn.a_C18.2
Carn.a_C18.2.OH
Carn.a_C20.0
Carn.a_C20.1
Carn.a_C20.3
Carn.a_C20.4



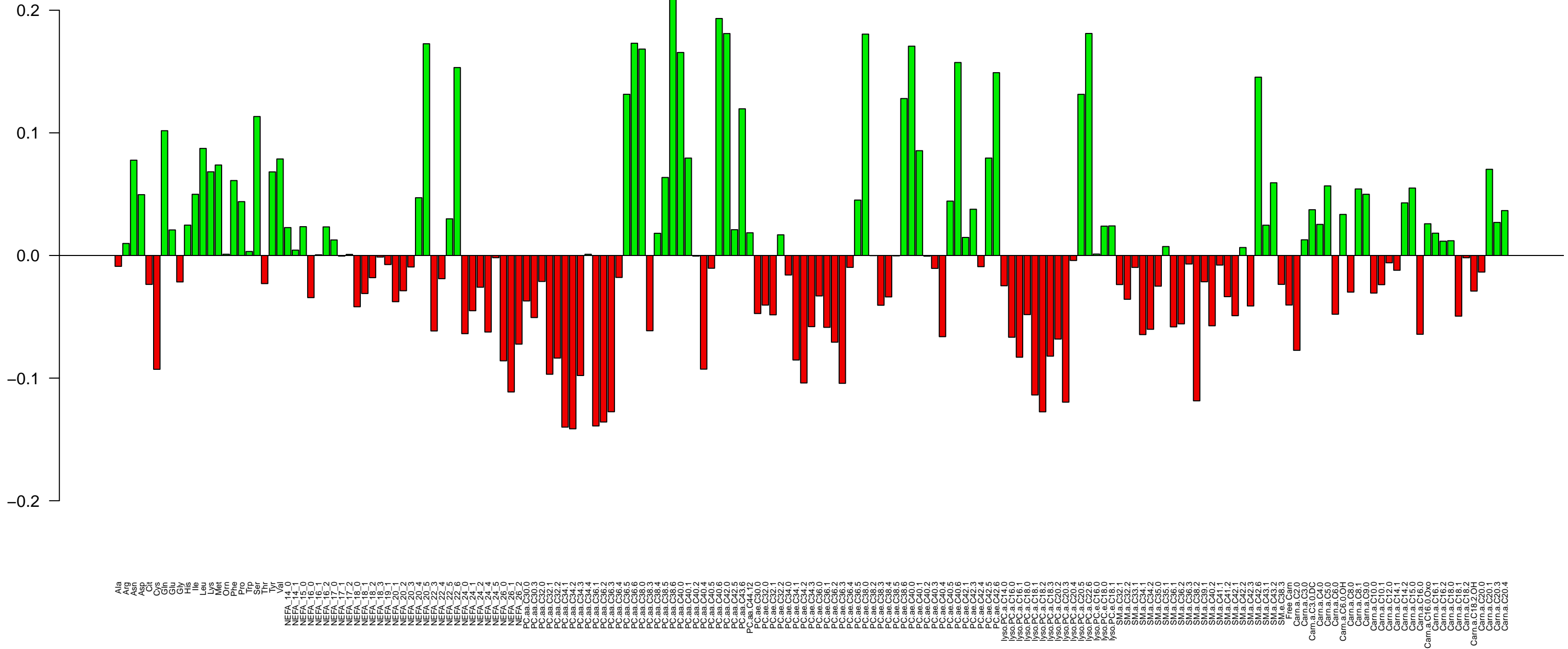
Child age 10 – PC 5 Loadings



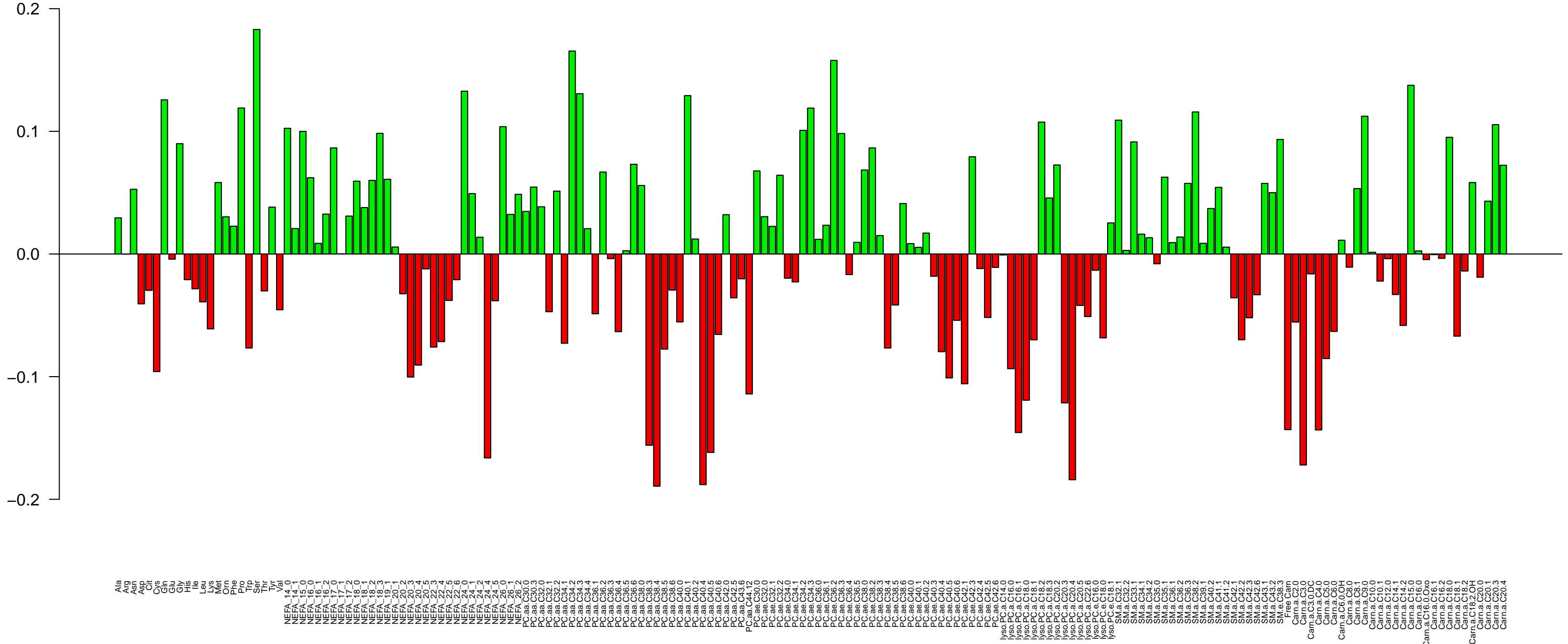
Child age 10 – PC 6 Loadings



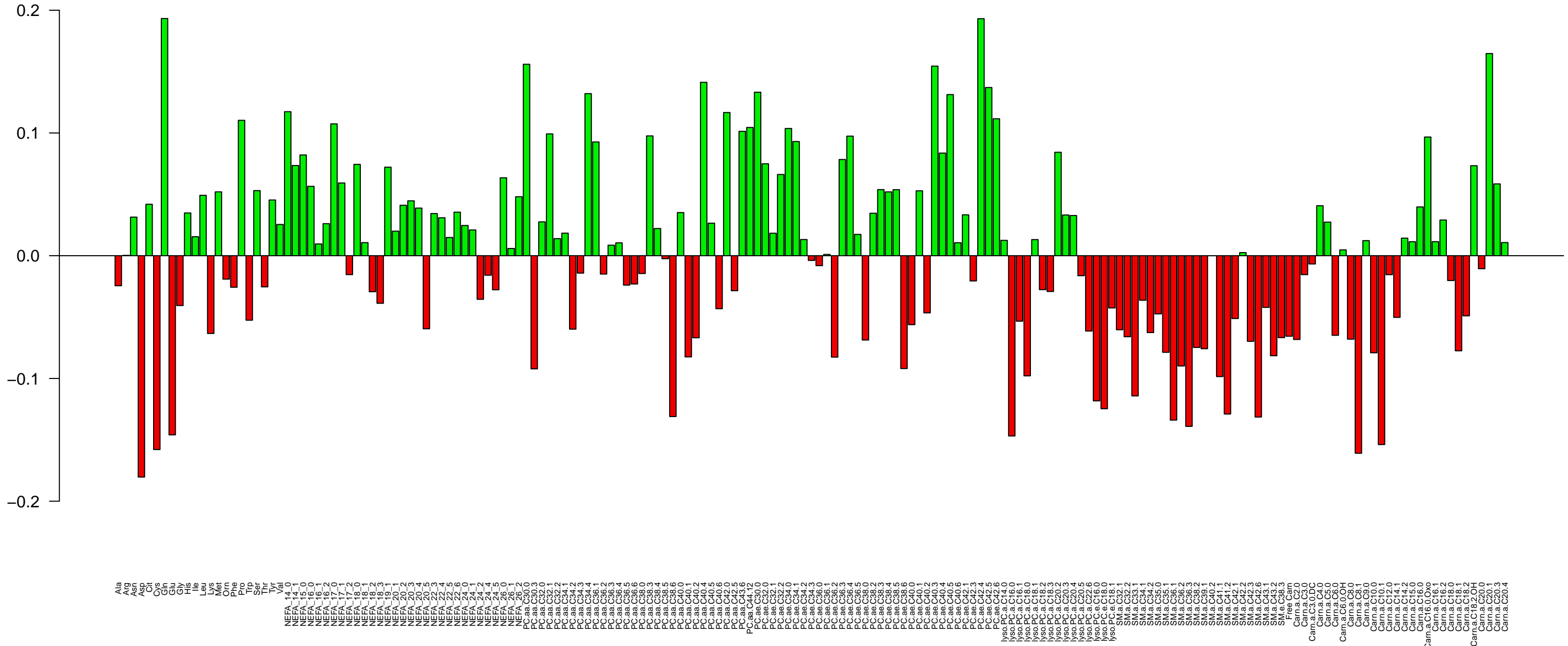
Child age 10 – PC 7 Loadings



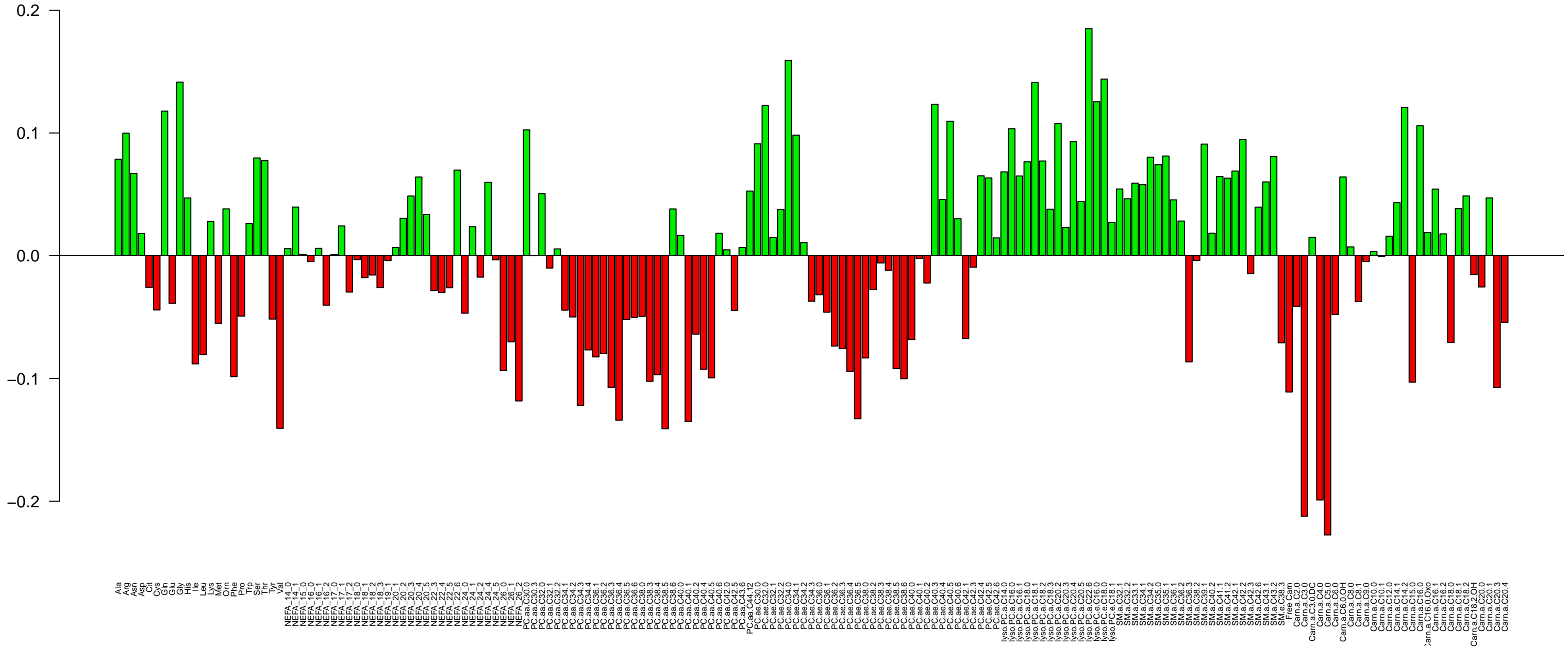
Child age 10 - PC 8 Loadings



Child age 10 – PC 9 Loadings



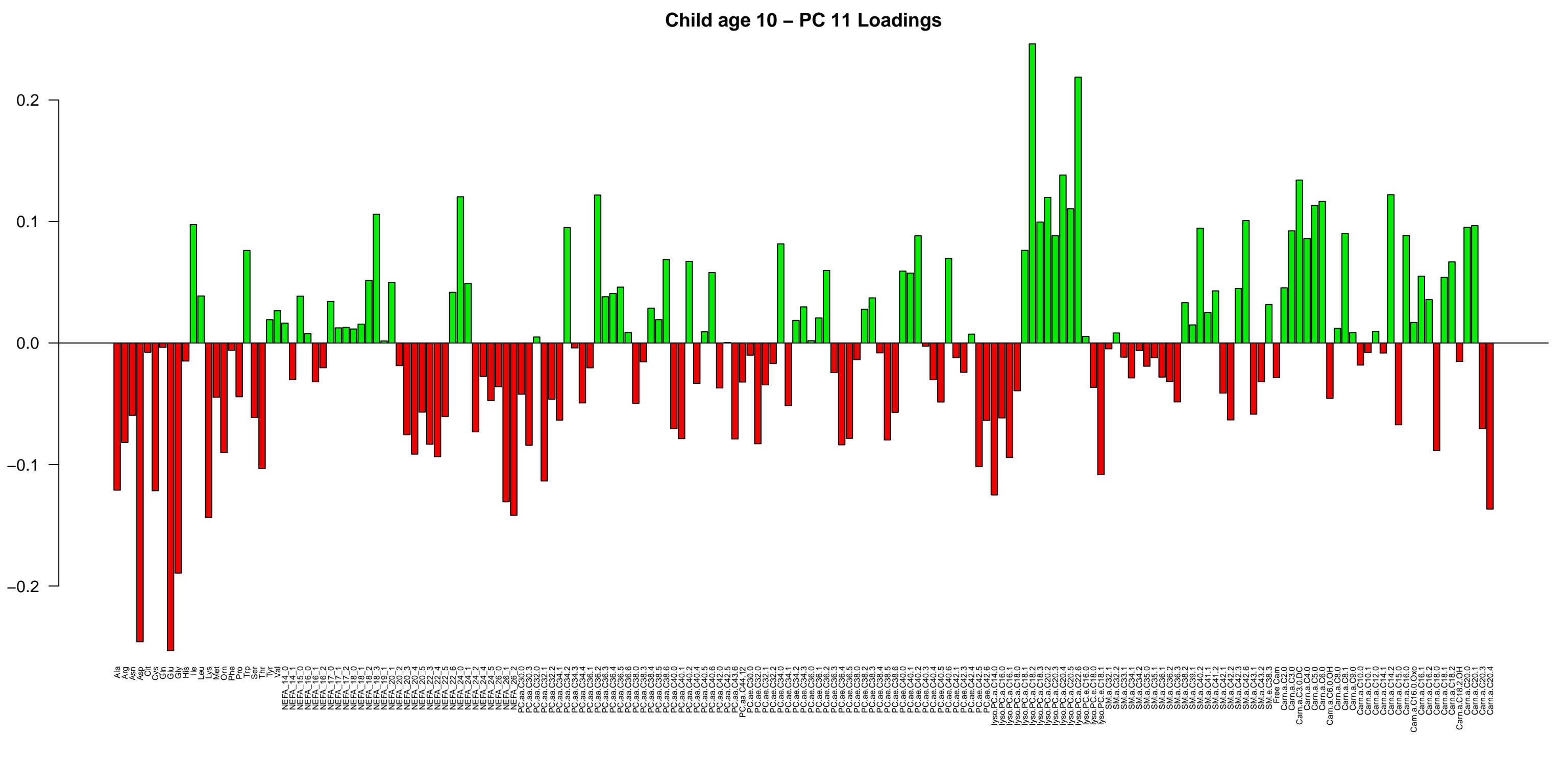
Child age 10 – PC 10 Loadings



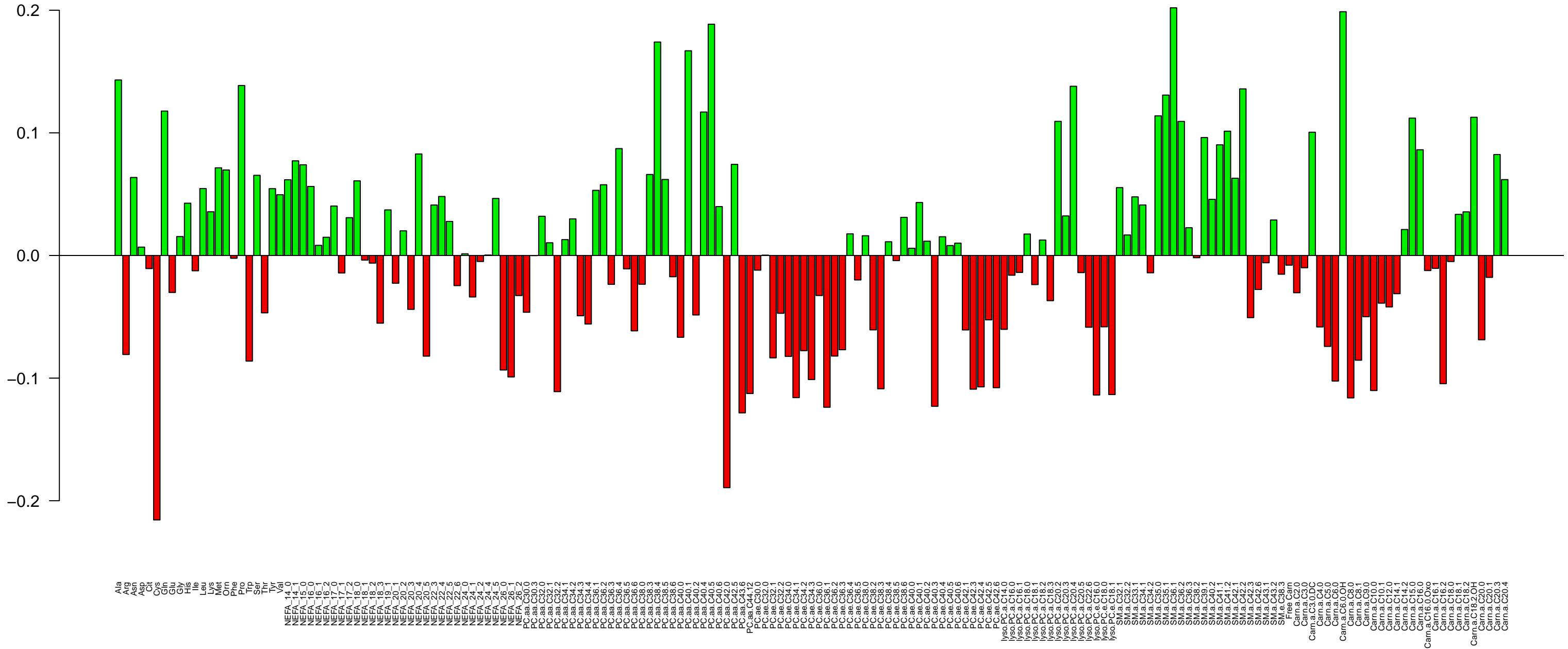
Child age 10 – PC 11 Loadings

0.2
0.1
0.0
-0.1
-0.2

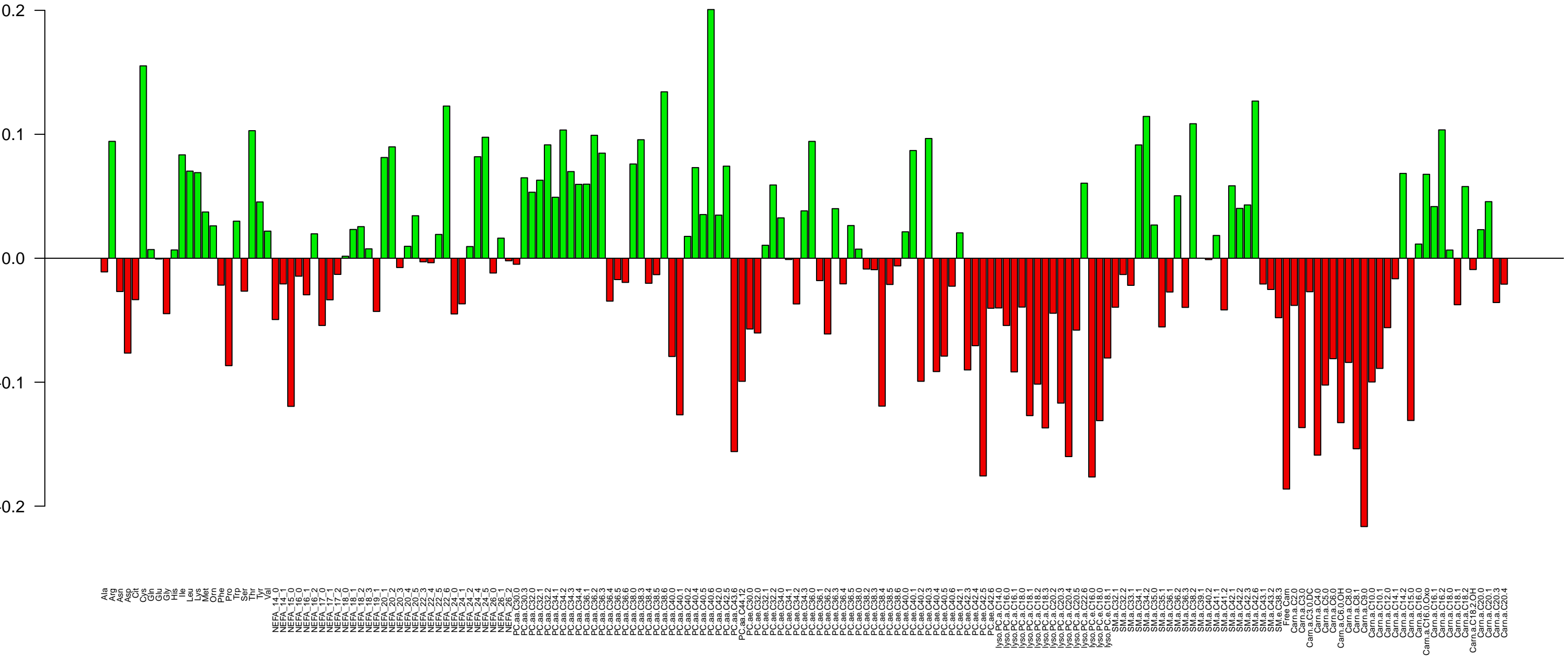
Ala
Arg
Asn
Asp
Cit
Cis
Cln
Civ
His
Ile
Leu
Lys
Met
Orn
Phe
Pro
Trr
Thr
Val
NEFA_14_0
NEFA_14_1
NEFA_15_0
NEFA_16_0
NEFA_16_1
NEFA_16_2
NEFA_17_0
NEFA_17_1
NEFA_17_2
NEFA_18_0
NEFA_18_1
NEFA_18_2
NEFA_18_3
NEFA_19_1
NEFA_20_1
NEFA_20_2
NEFA_20_3
NEFA_20_4
NEFA_20_5
NEFA_22_3
NEFA_22_4
NEFA_22_5
NEFA_22_6
NEFA_24_0
NEFA_24_1
NEFA_24_2
NEFA_24_4
NEFA_24_5
NEFA_26_0
NEFA_26_1
NEFA_26_2
PC_aa_C30_0
PC_aa_C30_3
PC_aa_C32_0
PC_aa_C32_1
PC_aa_C32_2
PC_aa_C34_1
PC_aa_C34_2
PC_aa_C34_3
PC_aa_C34_4
PC_aa_C36_1
PC_aa_C36_2
PC_aa_C36_3
PC_aa_C36_4
PC_aa_C38_0
PC_aa_C38_1
PC_aa_C38_2
PC_aa_C38_3
PC_aa_C38_4
PC_aa_C38_5
PC_aa_C38_6
PC_aa_C40_0
PC_aa_C40_1
PC_aa_C40_2
PC_aa_C40_4
PC_aa_C40_5
PC_aa_C40_6
PC_aa_C42_0
PC_aa_C42_5
PC_aa_C42_9
PC_aa_C44_0
PC_aa_C30_0
PC_aa_C32_0
PC_aa_C32_1
PC_aa_C32_2
PC_aa_C34_0
PC_aa_C34_1
PC_aa_C34_2
PC_aa_C34_3
PC_aa_C36_0
PC_aa_C36_1
PC_aa_C36_2
PC_aa_C36_3
PC_aa_C36_4
PC_aa_C38_0
PC_aa_C38_2
PC_aa_C38_3
PC_aa_C38_4
PC_aa_C38_5
PC_aa_C38_6
PC_aa_C40_0
PC_aa_C40_1
PC_aa_C40_2
PC_aa_C40_3
PC_aa_C40_4
PC_aa_C40_5
PC_aa_C40_6
PC_aa_C42_1
PC_aa_C42_3
PC_aa_C42_5
PC_aa_C42_9
Iyso_PC_a_C14_0
Iyso_PC_a_C16_0
Iyso_PC_a_C16_1
Iyso_PC_a_C18_0
Iyso_PC_a_C18_1
Iyso_PC_a_C18_2
Iyso_PC_a_C18_3
Iyso_PC_a_C20_2
Iyso_PC_a_C20_3
Iyso_PC_a_C20_4
Iyso_PC_a_C20_5
Iyso_PC_e_C12_0
Iyso_PC_e_C18_0
Iyso_PC_e_C18_1
SM_a_C32_1
SM_a_C32_2
SM_a_C33_1
SM_a_C34_1
SM_a_C34_2
SM_a_C35_0
SM_a_C35_1
SM_a_C36_1
SM_a_C36_2
SM_a_C36_3
SM_a_C38_2
SM_a_C40_1
SM_a_C41_1
SM_a_C41_2
SM_a_C42_1
SM_a_C42_2
SM_a_C42_3
SM_a_C42_6
SM_a_C43_1
SM_a_C43_2
SM_e_C38_3
Free Carn
Carn.a_C2_0
Carn.a_C3_0
Carn.a_C3_0_DC
Carn.a_C4_0
Carn.a_C6_0
Carn.a_C6_0_OH
Carn.a_C8_0
Carn.a_C8_1
Carn.a_C9_0
Carn.a_C10_0
Carn.a_C10_1
Carn.a_C12_0
Carn.a_C14_1
Carn.a_C14_2
Carn.a_C15_0
Carn.a_C16_0
Carn.a_C16_0_Ox
Carn.a_C16_1
Carn.a_C18_1
Carn.a_C18_2
Carn.a_C18_2_OH
Carn.a_C20_0
Carn.a_C20_1
Carn.a_C20_3
Carn.a_C20_4



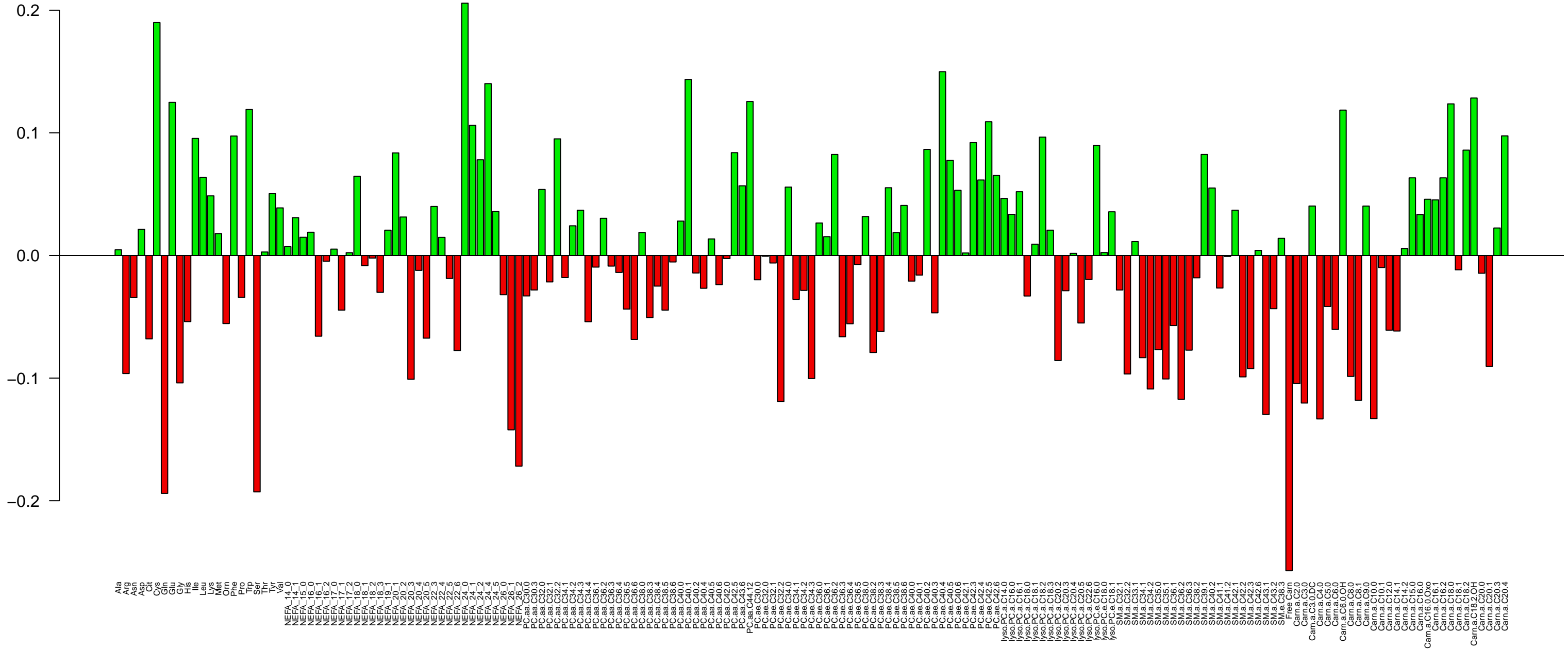
Child age 10 – PC 12 Loadings



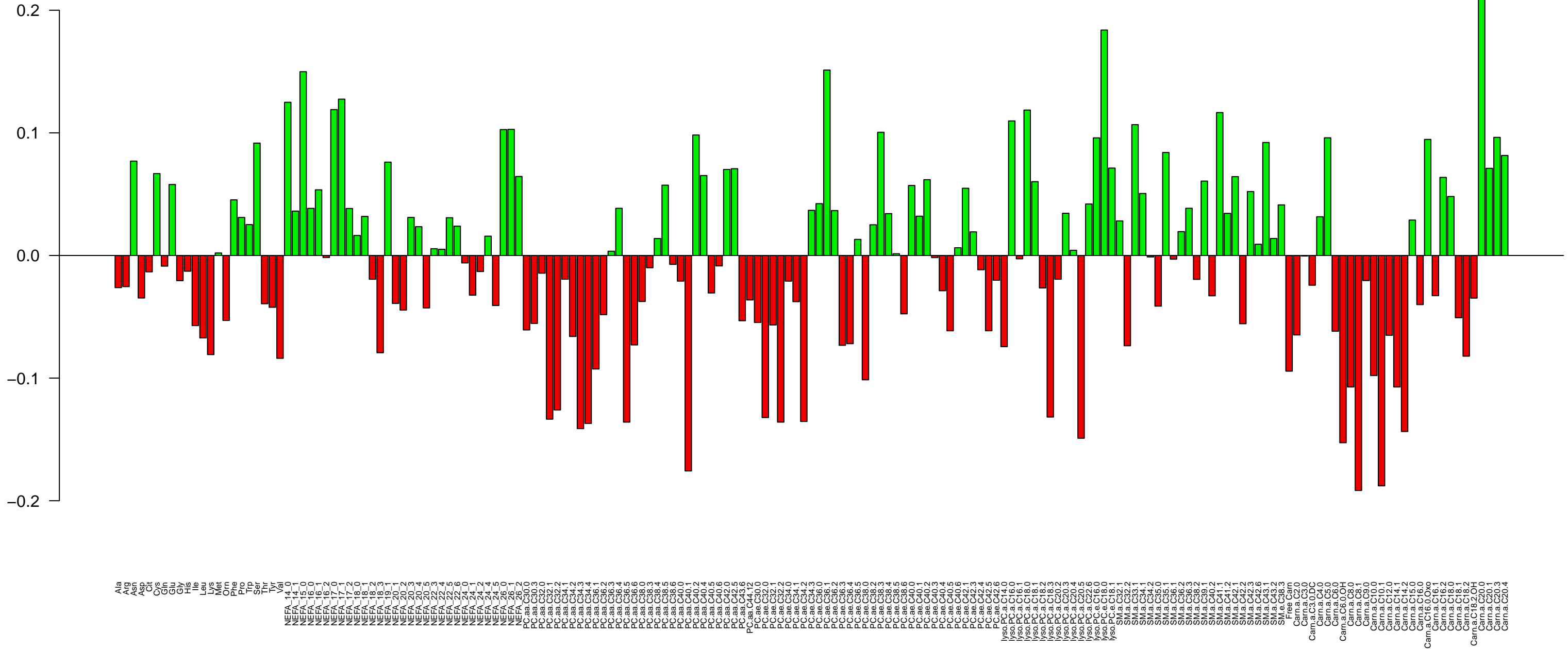
Child age 10 - PC 13 Loadings



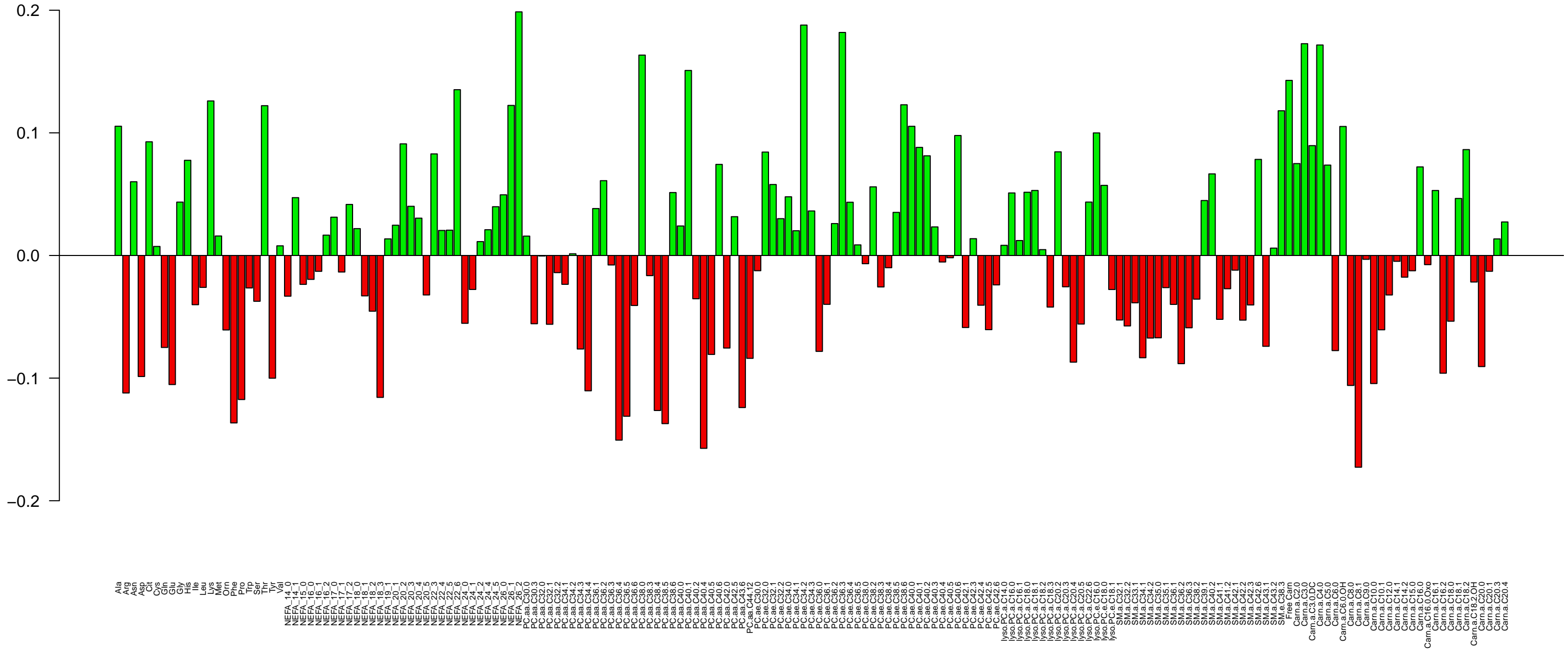
Child age 10 – PC 14 Loadings



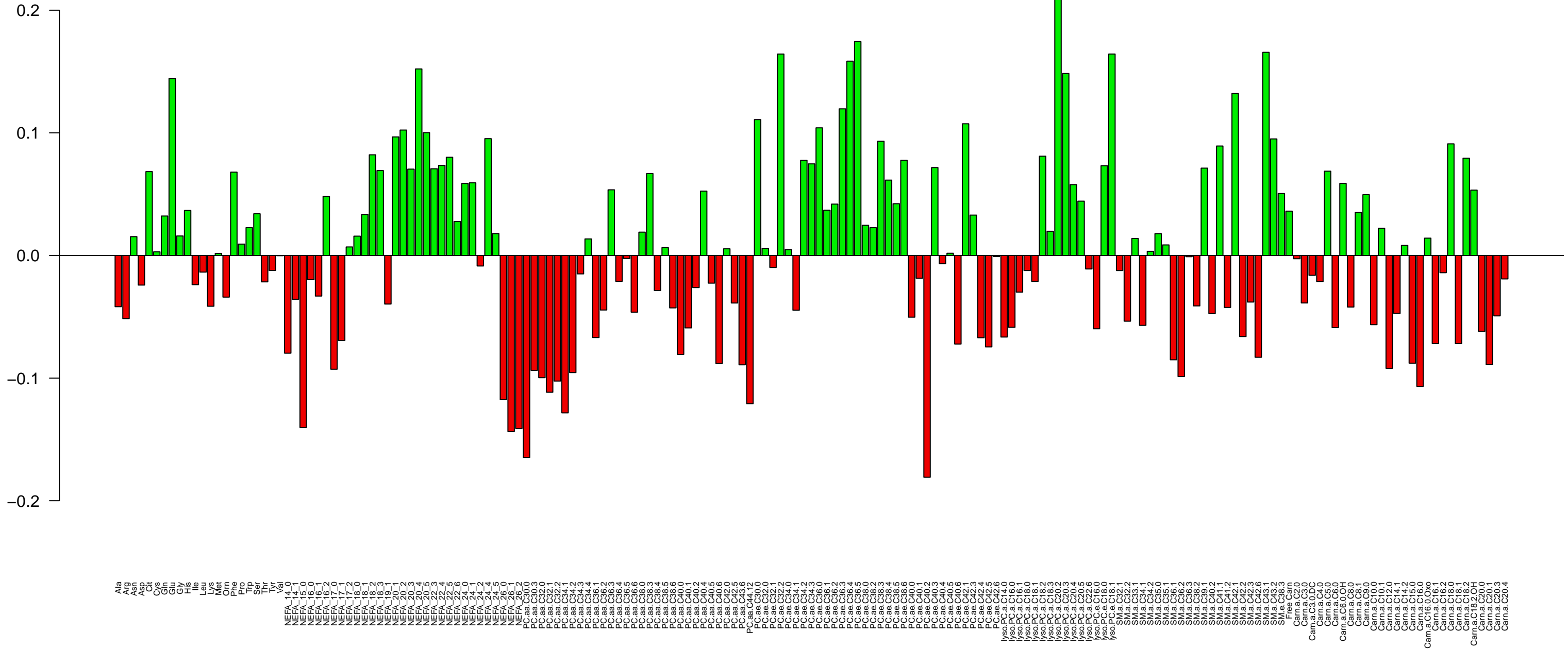
Child age 10 – PC 15 Loadings



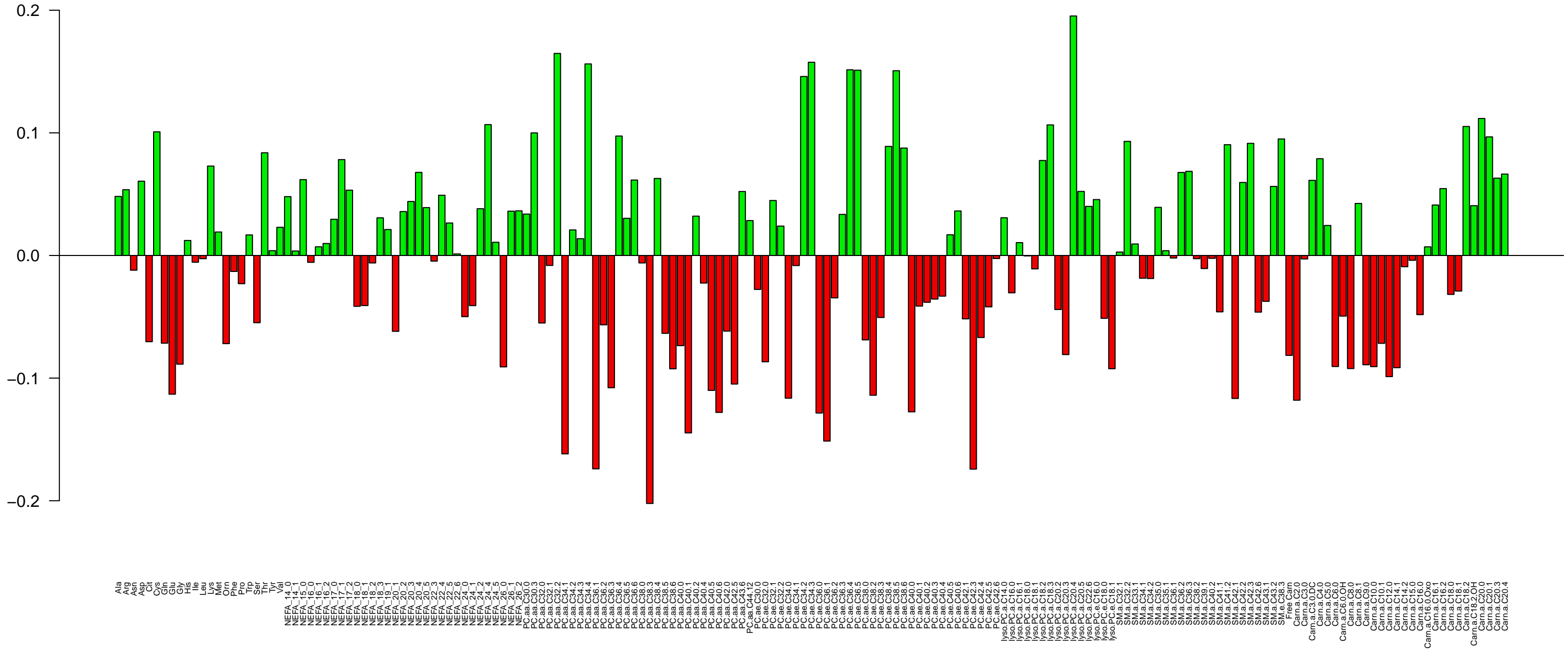
Child age 10 – PC 16 Loadings



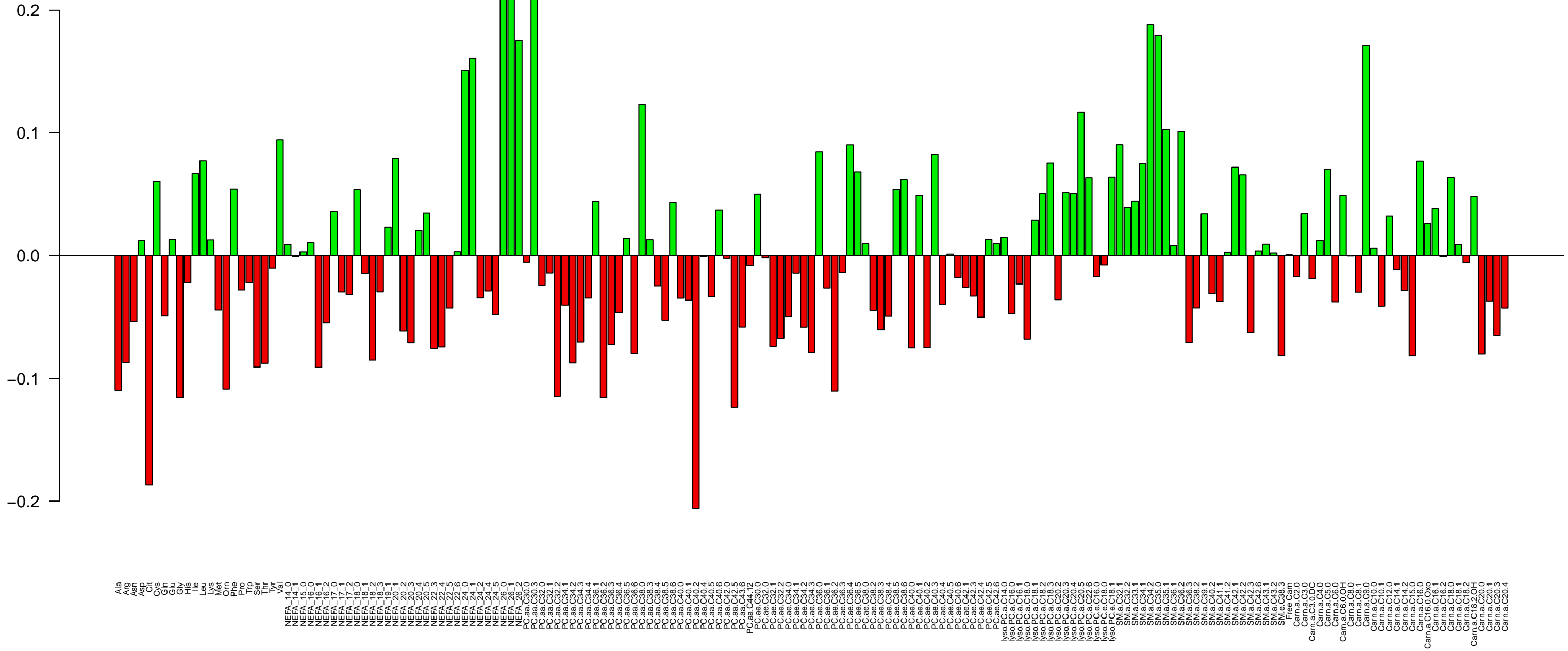
Child age 10 – PC 17 Loadings



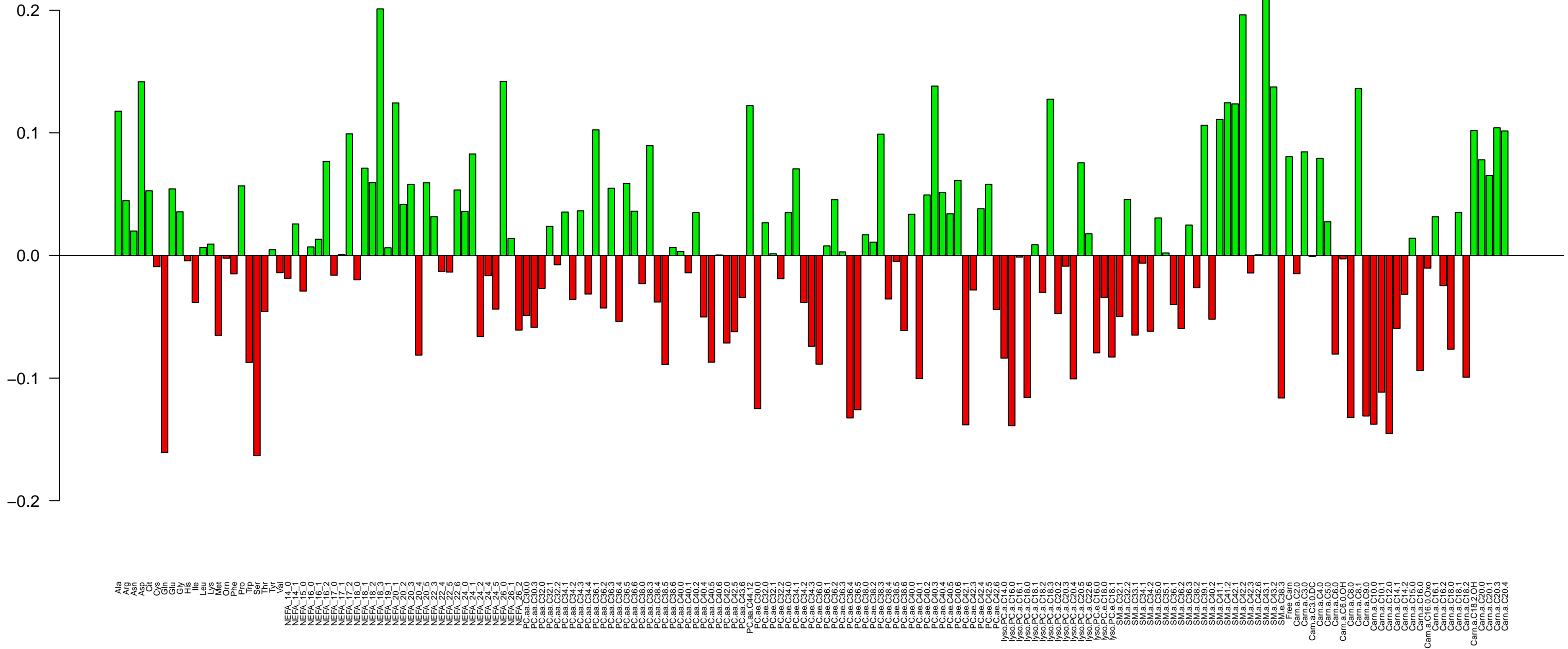
Child age 10 – PC 18 Loadings



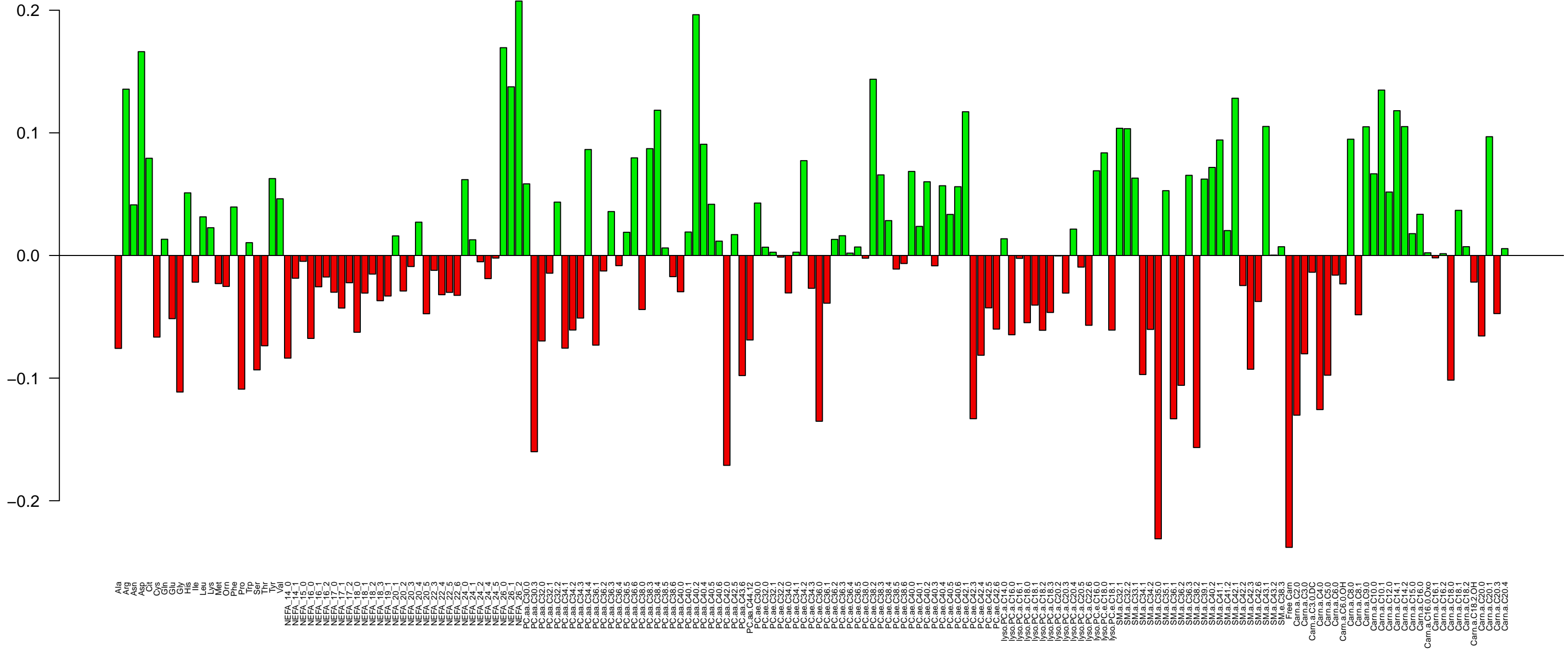
Child age 10 – PC 19 Loadings



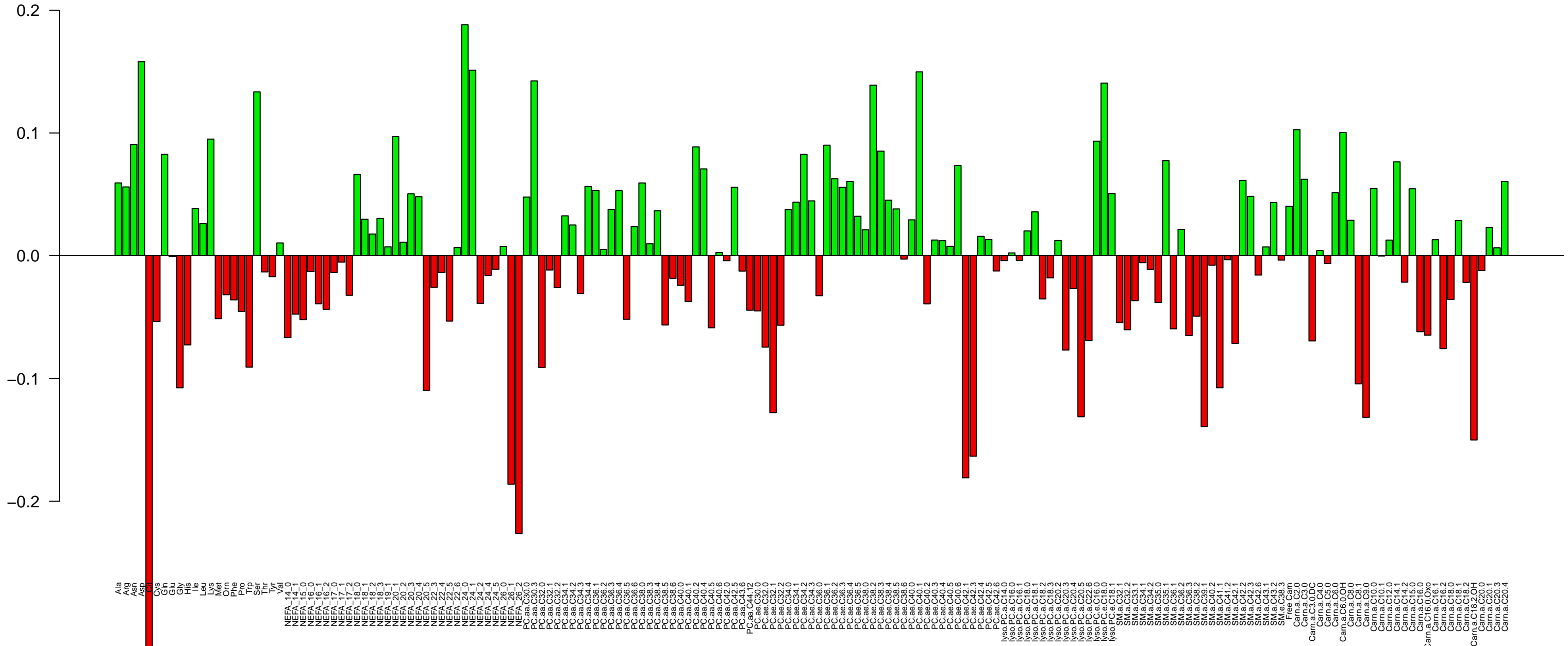
Child age 10 – PC 20 Loadings



Child age 10 – PC 21 Loadings



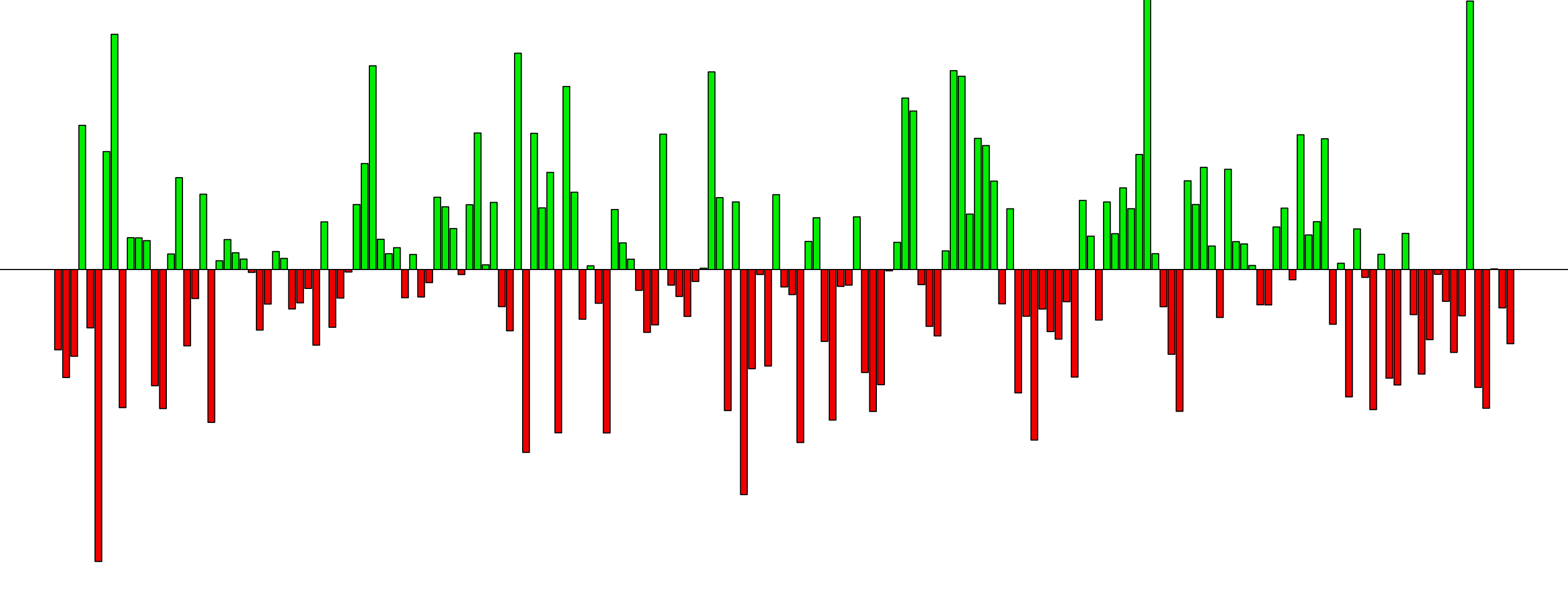
Child age 10 – PC 22 Loadings



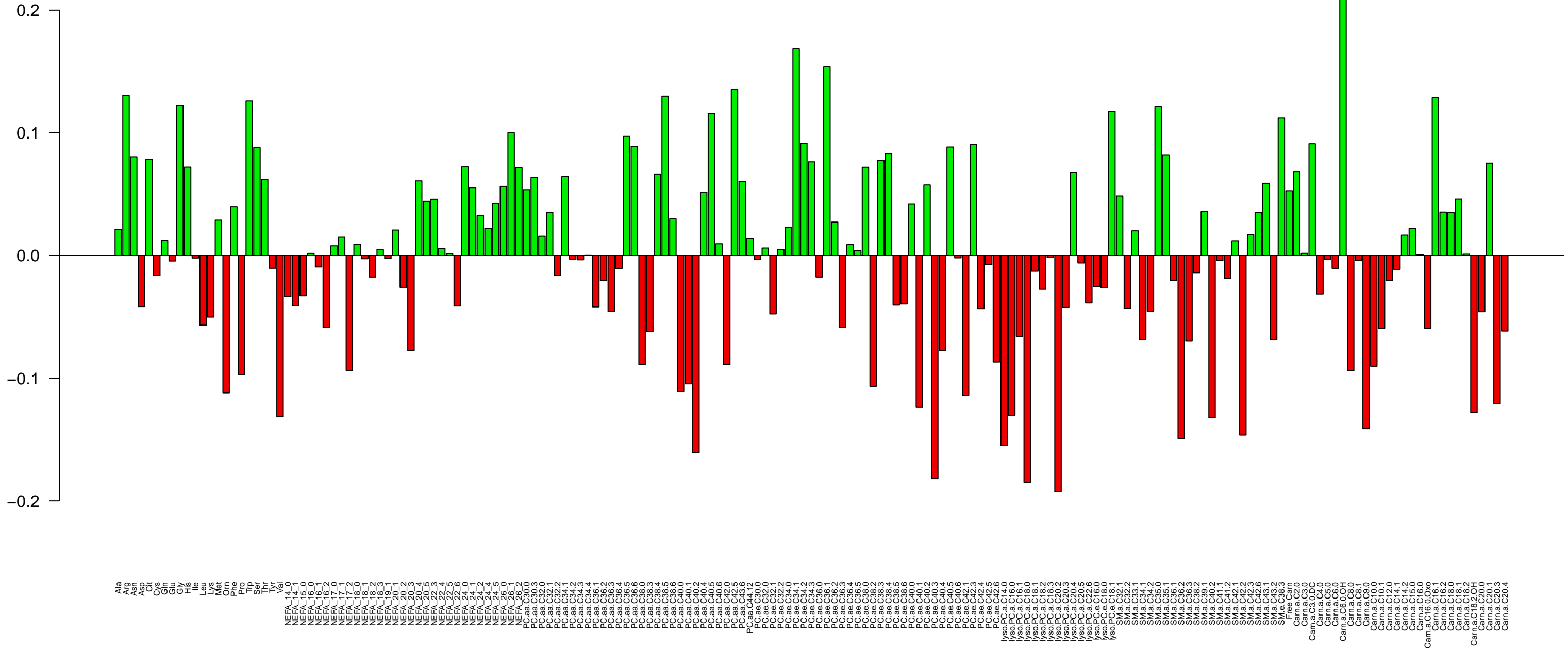
Child age 10 – PC 23 Loadings

0.2
0.1
0.0
-0.1
-0.2

Ala
Arg
Asn
Asp
Cis
Cln
Cln
Gly
His
Ile
Leu
Lys
Met
Orn
Phe
Pro
Trp
Ser
Thr
Val
Val
NEFA_14.0
NEFA_14.1
NEFA_15.0
NEFA_16.0
NEFA_16.1
NEFA_16.2
NEFA_17.0
NEFA_17.1
NEFA_17.2
NEFA_18.0
NEFA_18.1
NEFA_18.2
NEFA_18.3
NEFA_19.1
NEFA_20.1
NEFA_20.2
NEFA_20.3
NEFA_20.4
NEFA_20.5
NEFA_22.3
NEFA_22.4
NEFA_22.5
NEFA_22.6
NEFA_24.0
NEFA_24.1
NEFA_24.2
NEFA_24.4
NEFA_24.5
NEFA_26.0
NEFA_26.1
NEFA_26.2
PC.aa.C30.0
PC.aa.C30.3
PC.aa.C32.0
PC.aa.C32.1
PC.aa.C32.2
PC.aa.C34.1
PC.aa.C34.2
PC.aa.C34.3
PC.aa.C34.4
PC.aa.C36.1
PC.aa.C36.2
PC.aa.C36.3
PC.aa.C36.4
PC.aa.C38.0
PC.aa.C38.2
PC.aa.C38.3
PC.aa.C38.4
PC.aa.C38.5
PC.aa.C38.6
PC.aa.C40.0
PC.aa.C40.1
PC.aa.C40.2
PC.aa.C40.4
PC.aa.C40.5
PC.aa.C40.6
PC.aa.C42.0
PC.aa.C42.5
PC.aa.C42.9
PC.aa.C44.1
PC.aa.C30.0
PC.aa.C32.0
PC.aa.C32.1
PC.aa.C32.2
PC.aa.C34.0
PC.aa.C34.1
PC.aa.C34.2
PC.aa.C34.3
PC.aa.C36.0
PC.aa.C36.1
PC.aa.C36.2
PC.aa.C36.3
PC.aa.C36.4
PC.aa.C38.0
PC.aa.C38.2
PC.aa.C38.3
PC.aa.C38.4
PC.aa.C38.5
PC.aa.C40.0
PC.aa.C40.1
PC.aa.C40.2
PC.aa.C40.3
PC.aa.C40.4
PC.aa.C40.5
PC.aa.C40.6
PC.aa.C42.1
PC.aa.C42.3
PC.aa.C42.4
PC.aa.C42.5
PC.aa.C42.6
Iyso.PC.a.C14.0
Iyso.PC.a.C16.0
Iyso.PC.a.C16.1
Iyso.PC.a.C18.0
Iyso.PC.a.C18.1
Iyso.PC.a.C18.2
Iyso.PC.a.C18.3
Iyso.PC.a.C20.2
Iyso.PC.a.C20.3
Iyso.PC.a.C20.4
Iyso.PC.a.C20.5
Iyso.PC.a.C22.0
Iyso.PC.a.C22.6
Iyso.PC.e.C18.0
Iyso.PC.e.C18.1
SM.a.C32.1
SM.a.C32.2
SM.a.C33.1
SM.a.C34.1
SM.a.C34.2
SM.a.C35.0
SM.a.C36.1
SM.a.C36.2
SM.a.C36.3
SM.a.C38.2
SM.a.C40.1
SM.a.C41.1
SM.a.C41.2
SM.a.C42.1
SM.a.C42.2
SM.a.C42.3
SM.a.C43.1
SM.a.C43.2
SM.a.C43.3
Free Carn
Carn.a.C2.0
Carn.a.C3.0
Carn.a.C3.0.DC
Carn.a.C4.0
Carn.a.C6.0
Carn.a.C6.0.OH
Carn.a.C8.0
Carn.a.C8.1
Carn.a.C9.0
Carn.a.C10.0
Carn.a.C10.1
Carn.a.C12.0
Carn.a.C14.1
Carn.a.C14.2
Carn.a.C15.0
Carn.a.C16.0
Carn.a.C16.0.Ox
Carn.a.C16.1
Carn.a.C18.2
Carn.a.C18.1
Carn.a.C18.2
Carn.a.C18.2.OH
Carn.a.C20.0
Carn.a.C20.1
Carn.a.C20.3
Carn.a.C20.4



Child age 10 – PC 24 Loadings



Child age 10 – PC 25 Loadings

