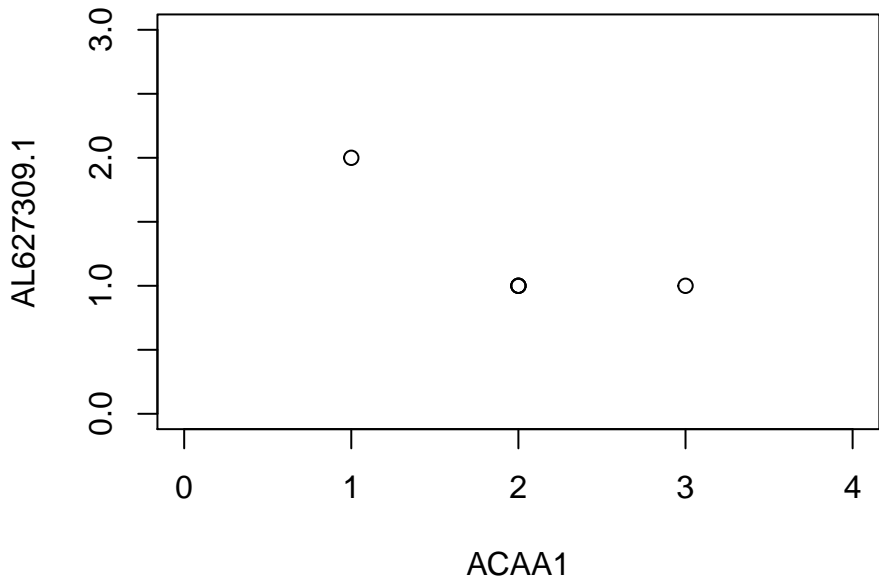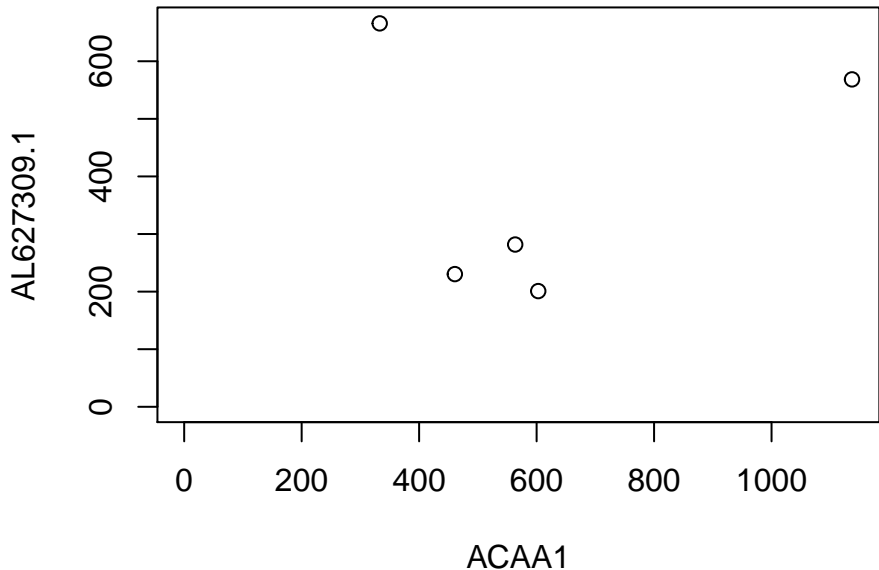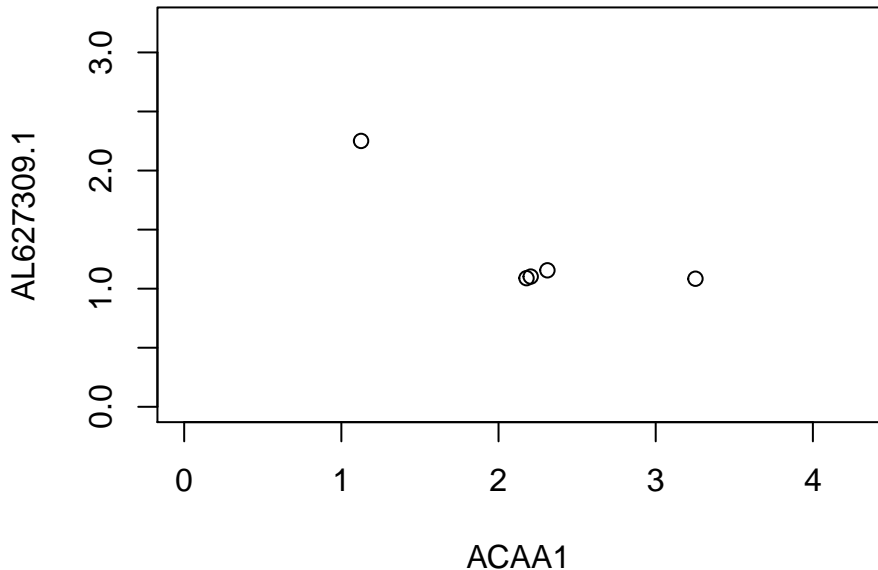**raw p.value = 0.422769372255365**
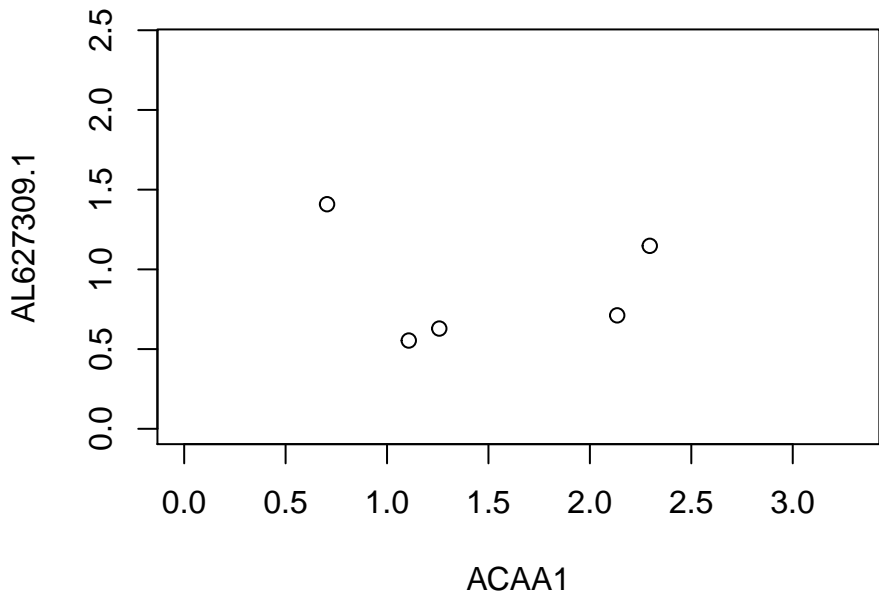
cmp p.value = 0.471401926425873

sf p.value = 0.0354399547053256

uq p.value = 0.580652142305807

Down_Sample_Matrix p.value = 0.035439954705325