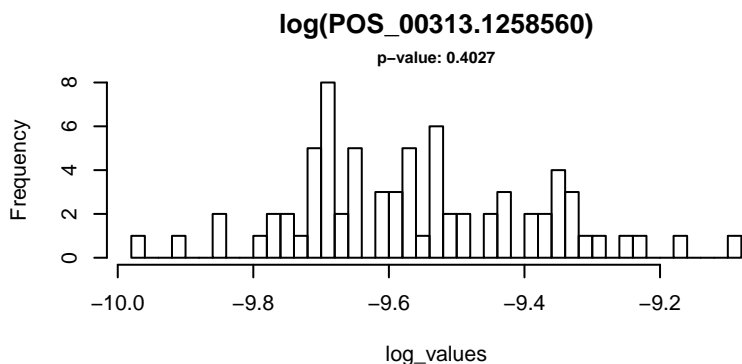
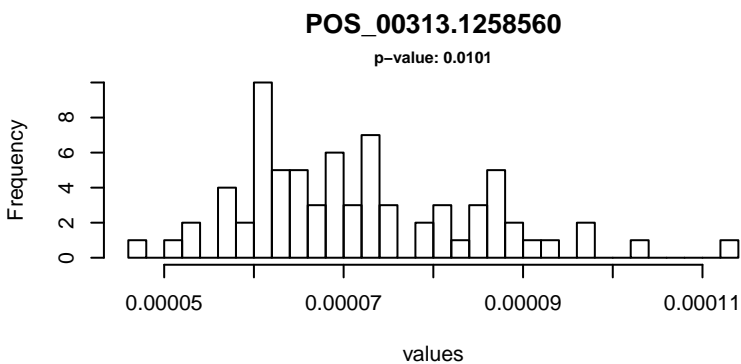
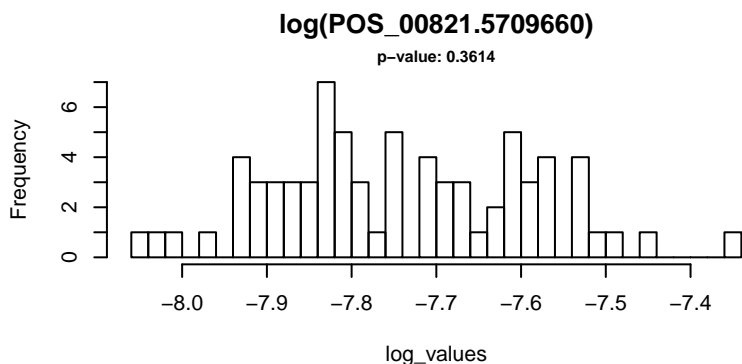
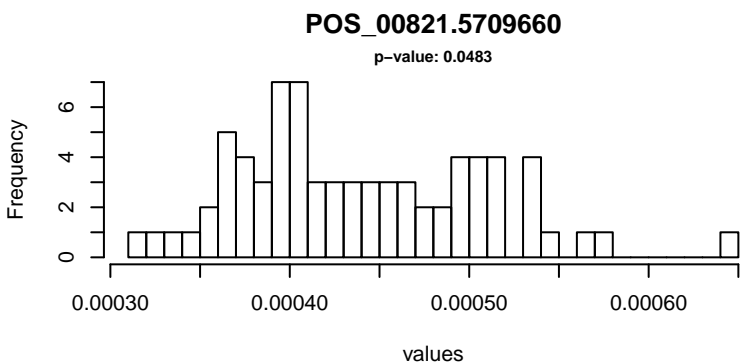
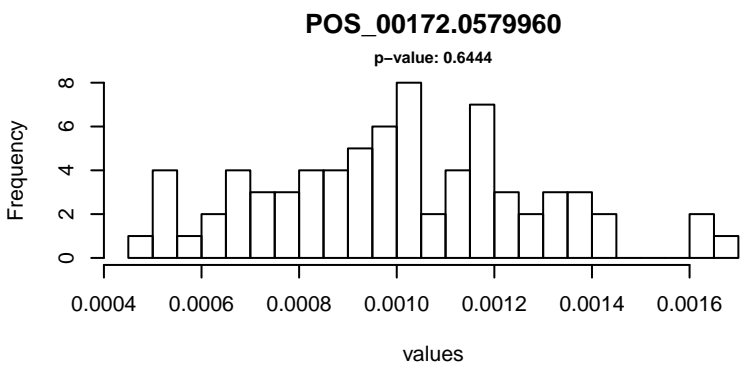
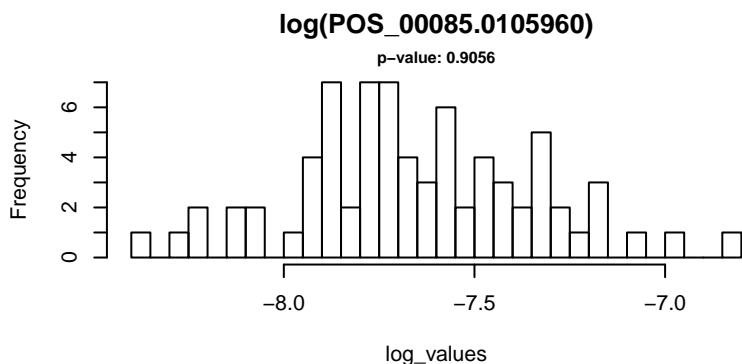
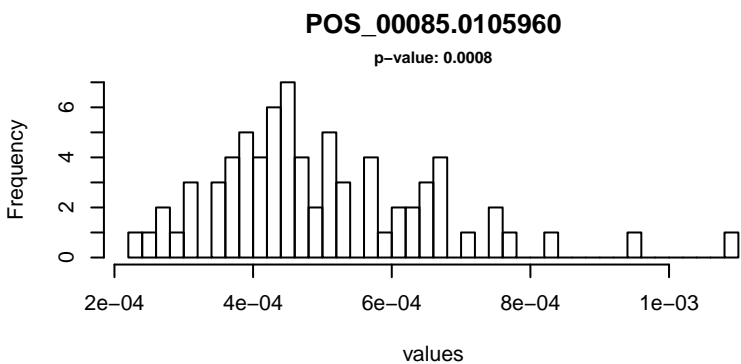
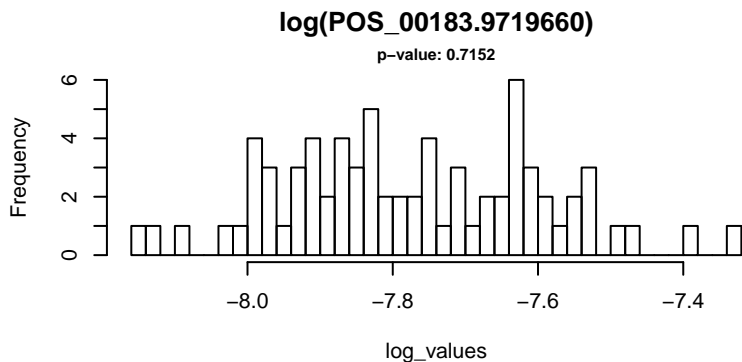
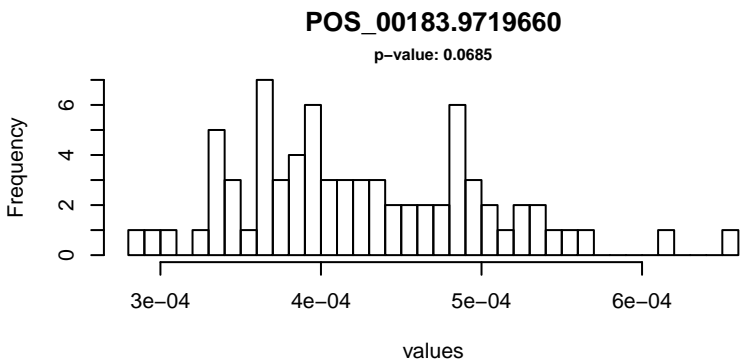
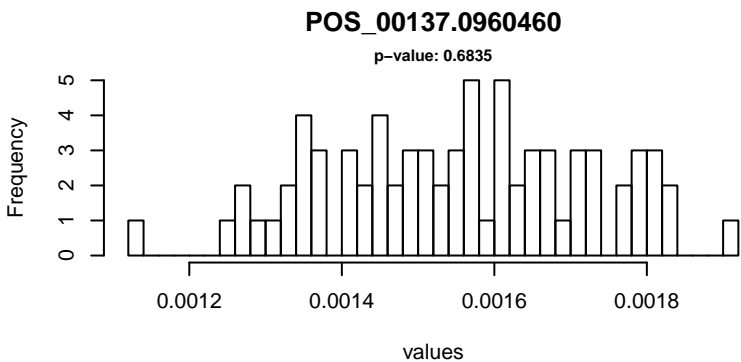
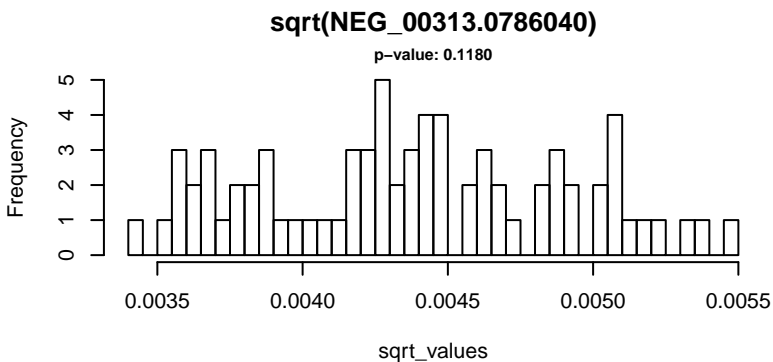
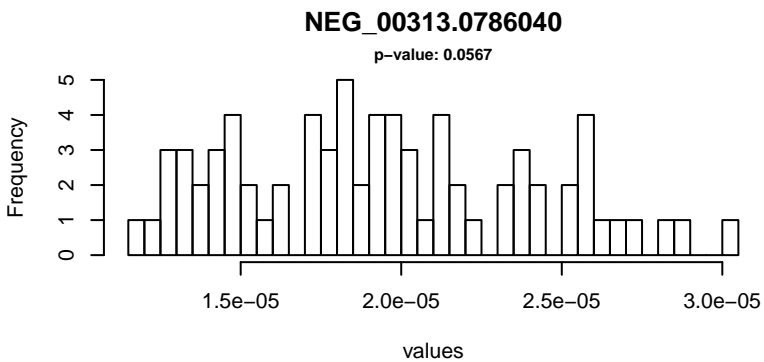
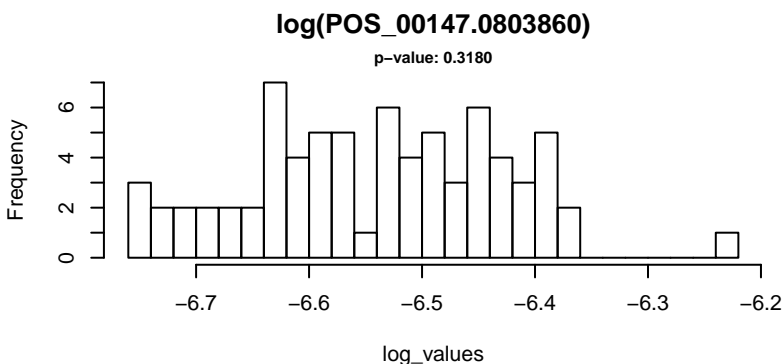
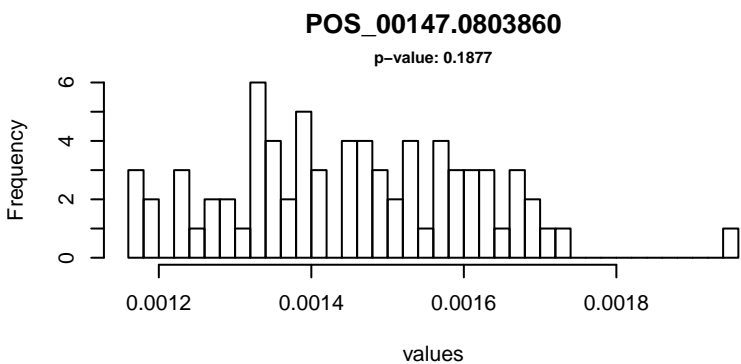
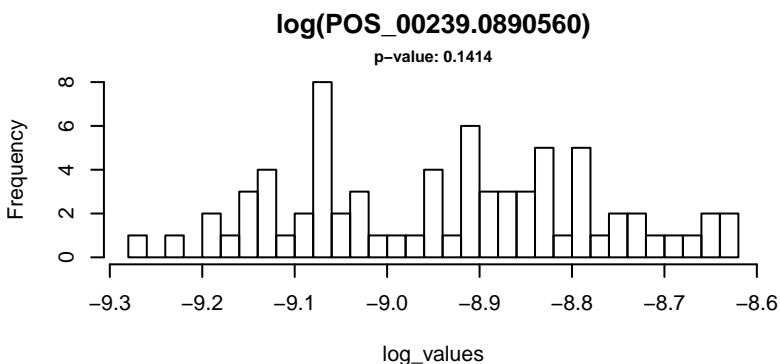
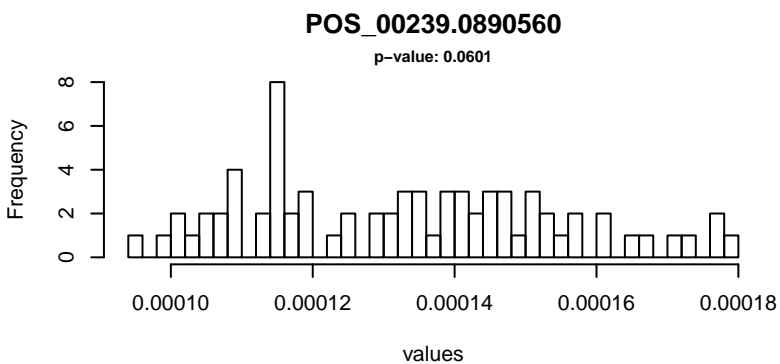
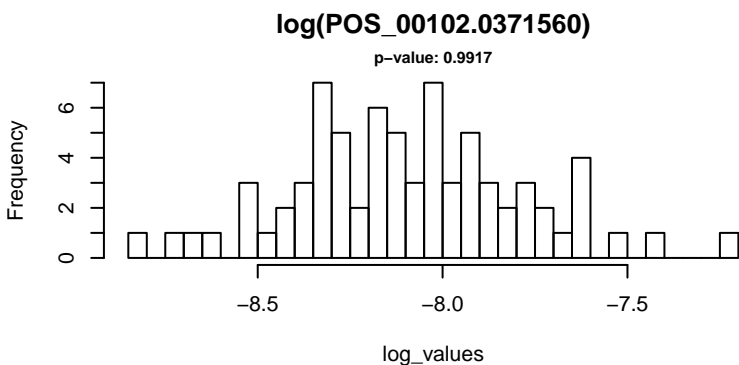
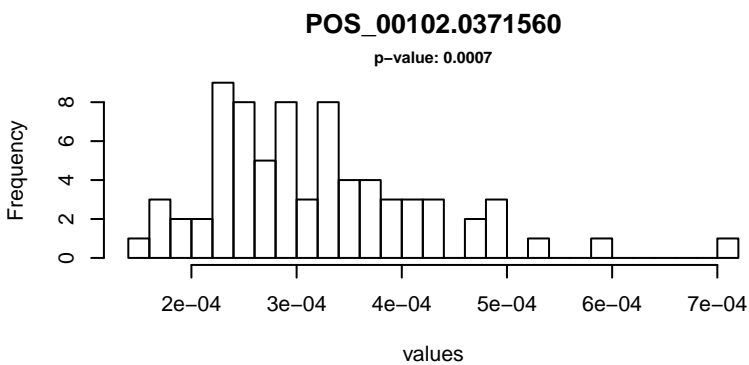


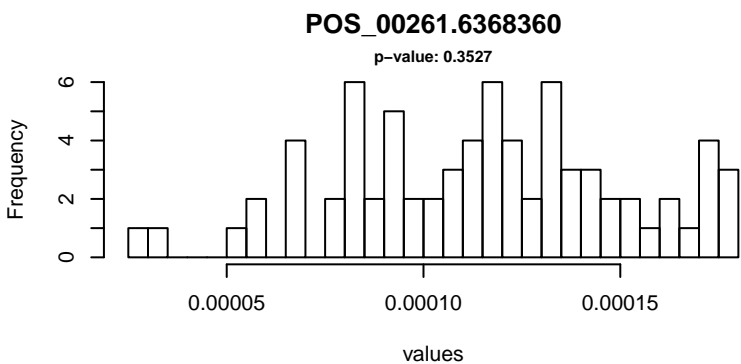
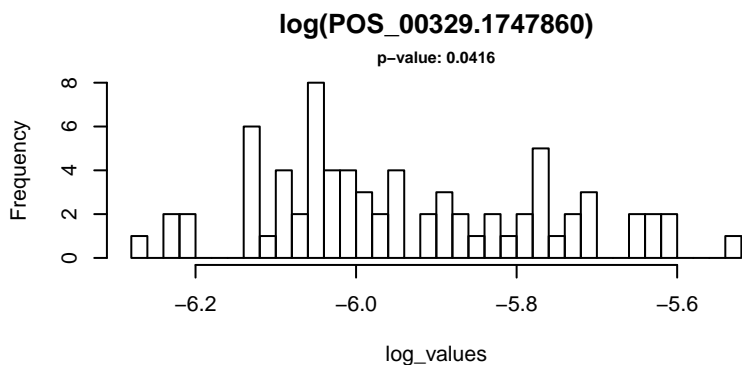
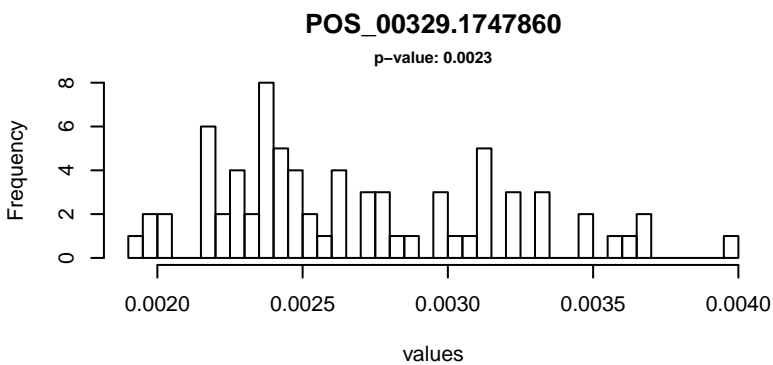
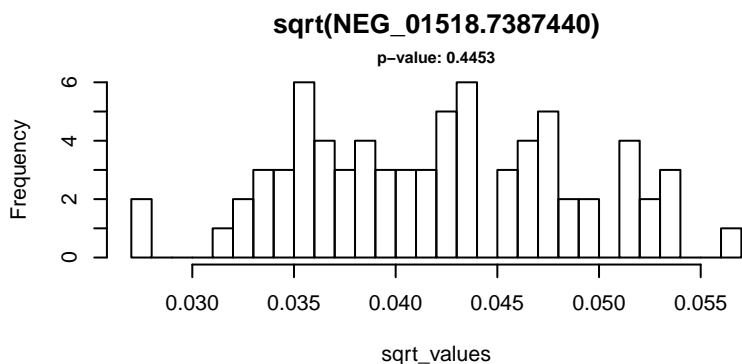
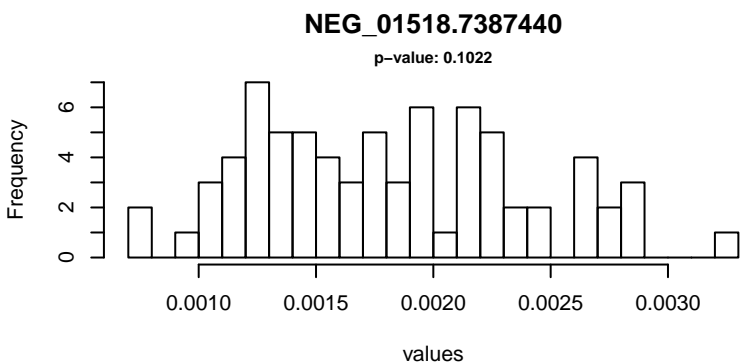
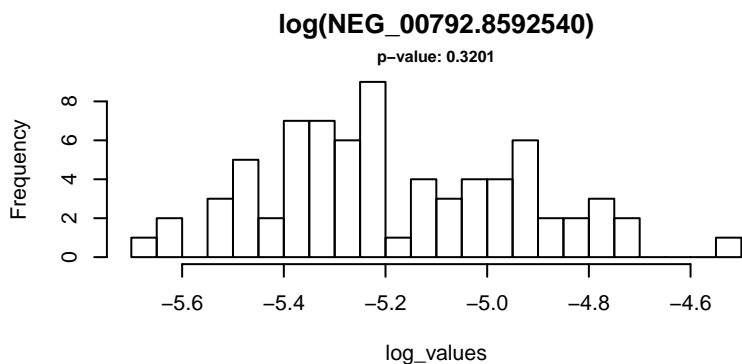
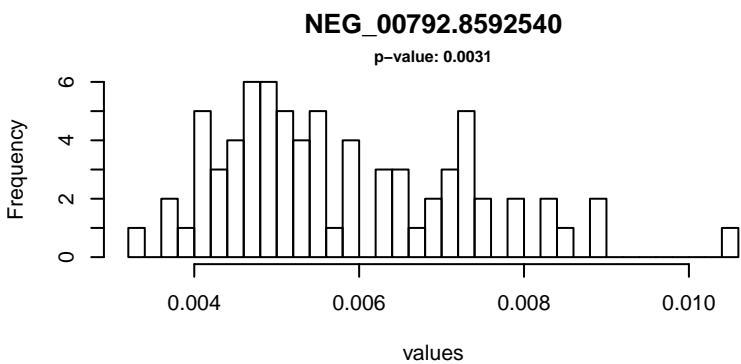
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Output File Name Root: ser_untar_metab.short101.fast
Targets: ser_untar_metab.short101.targets.tsv
Fast Fit? TRUE



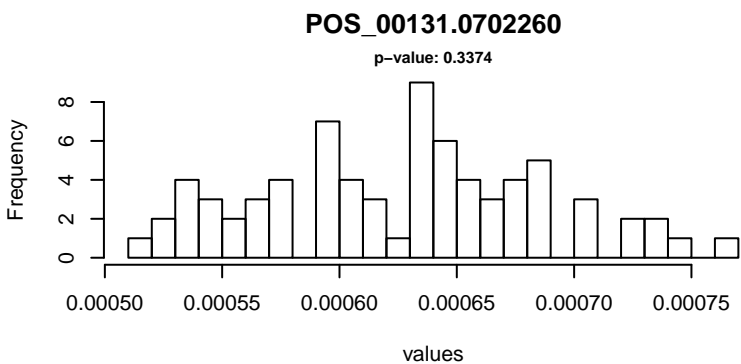


Transform not necessary

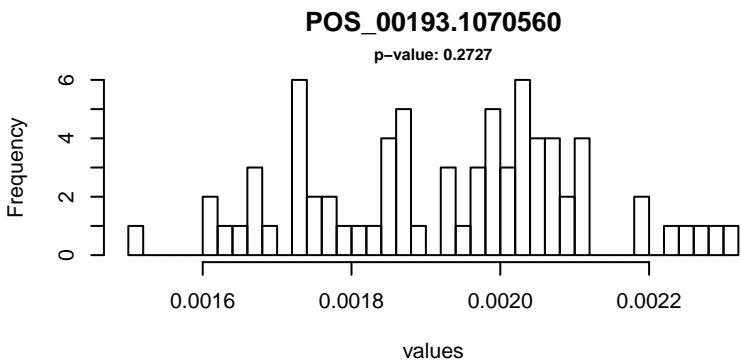




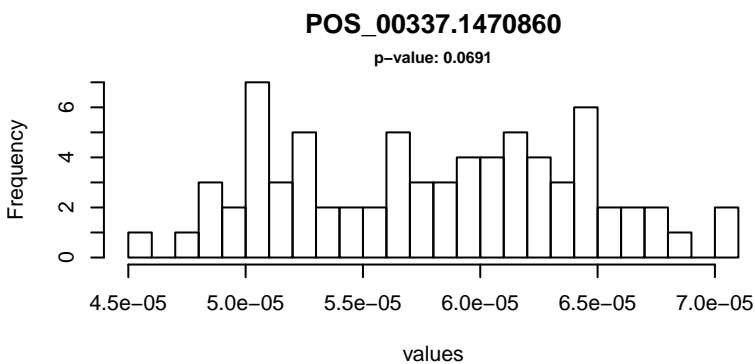
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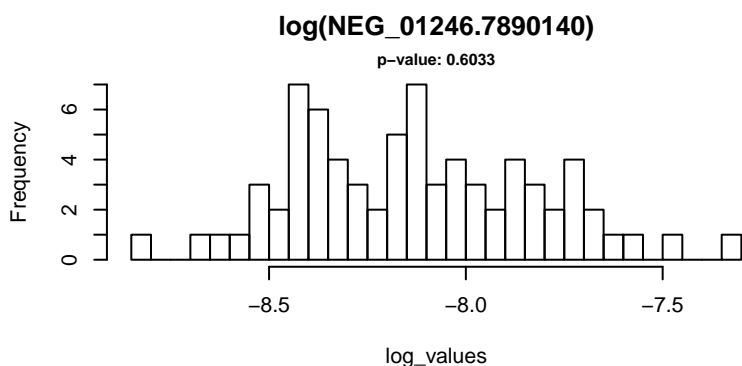
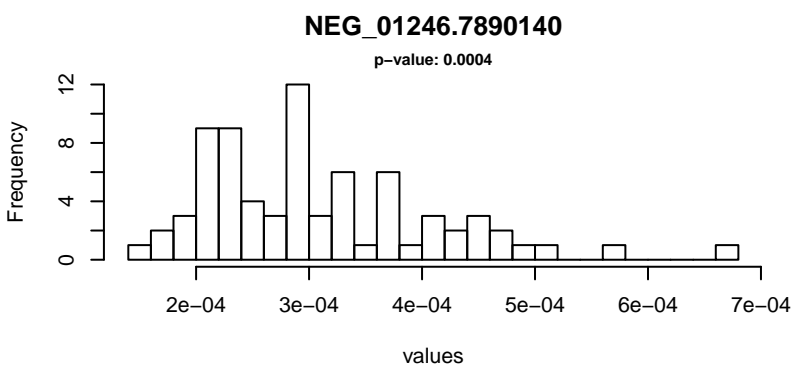
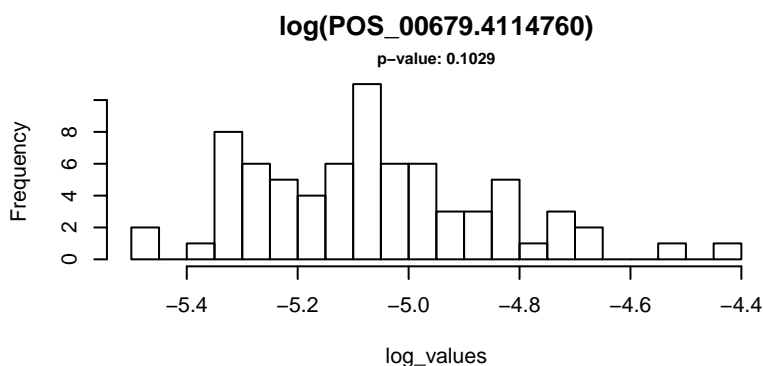
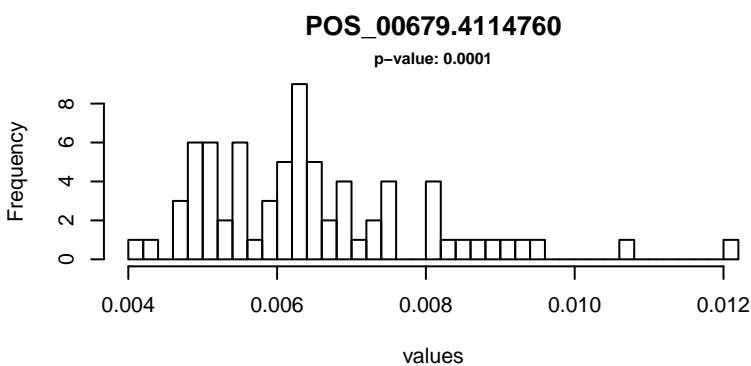
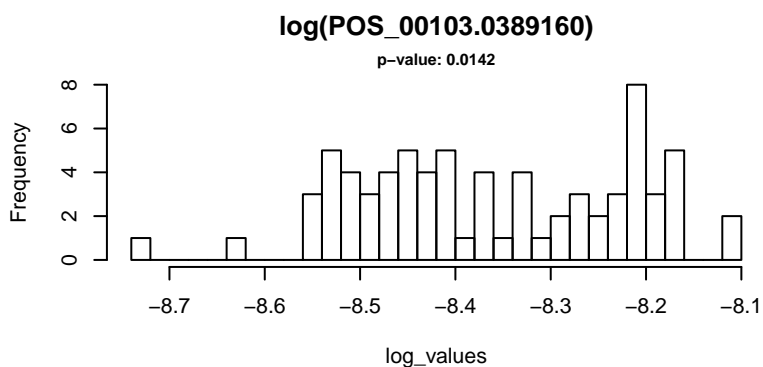
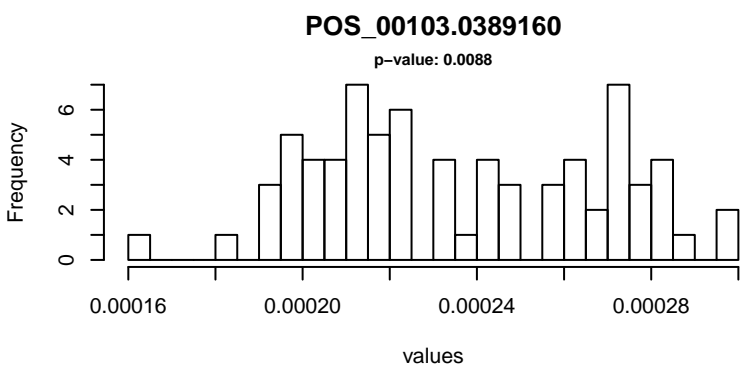
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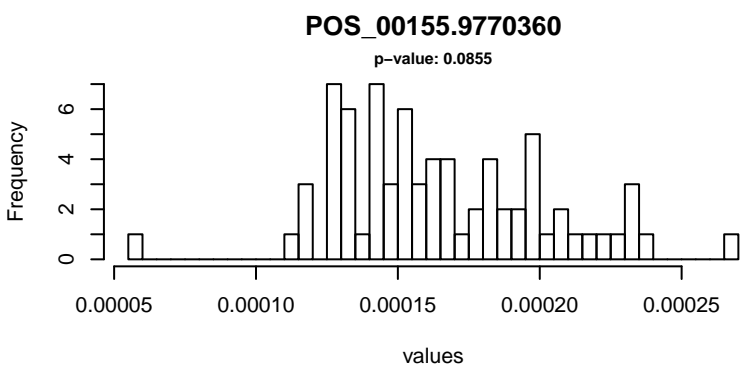
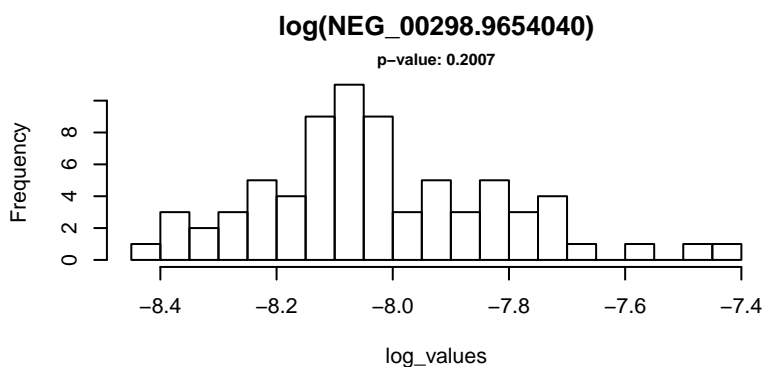
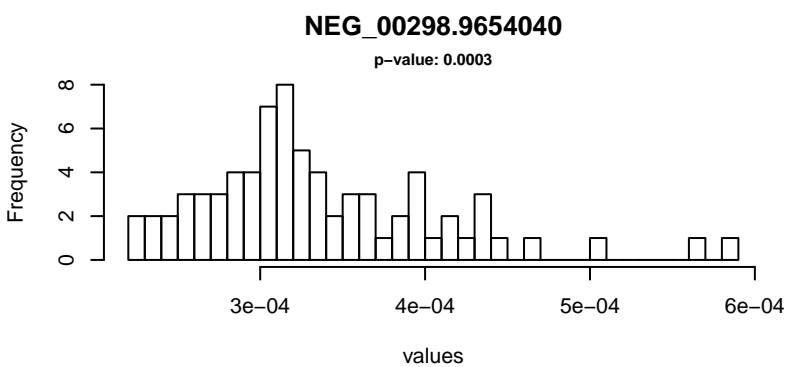
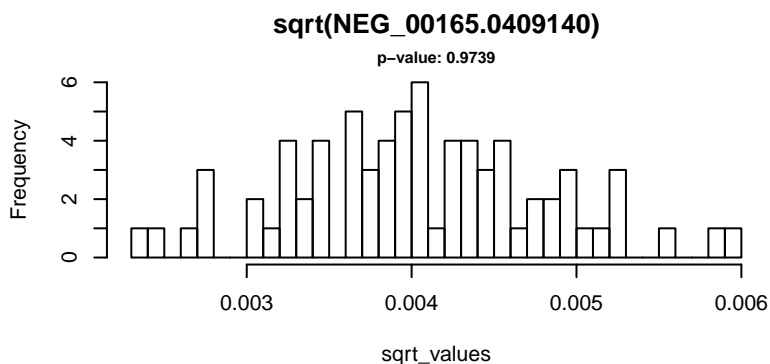
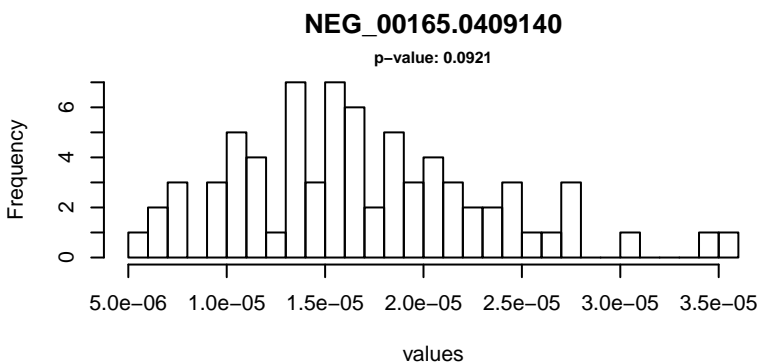
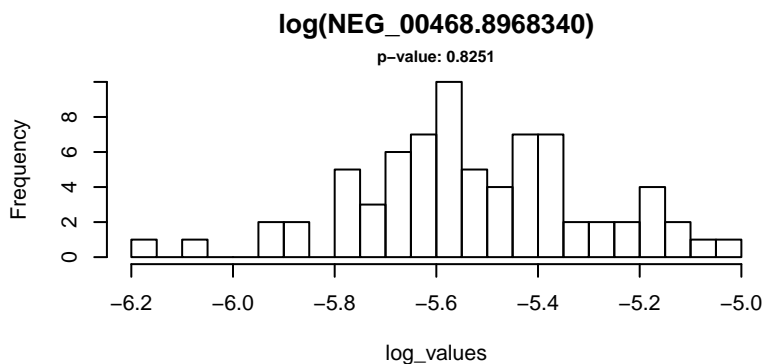
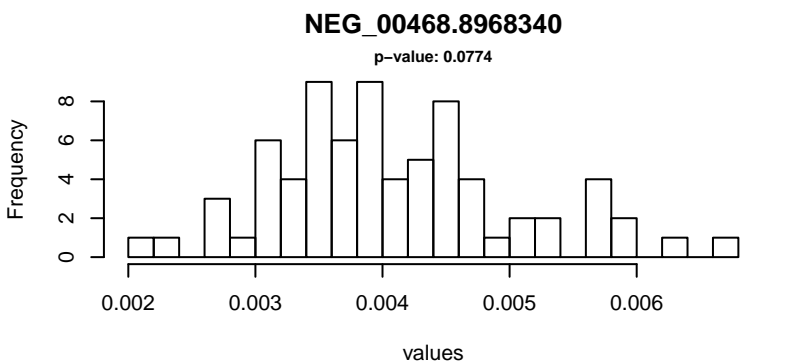


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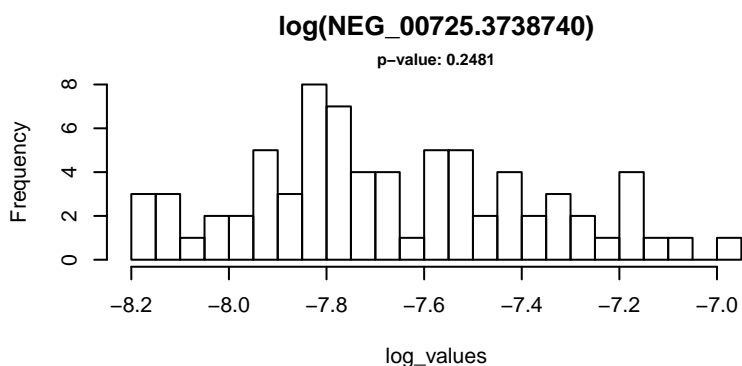
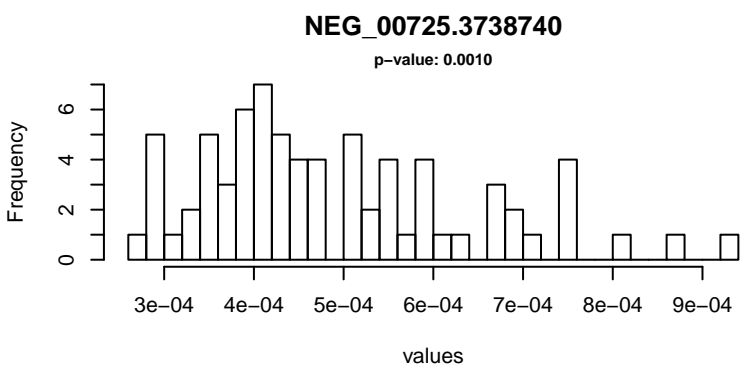


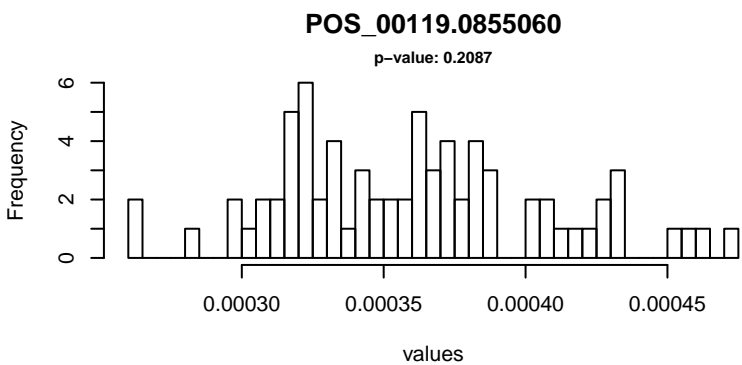
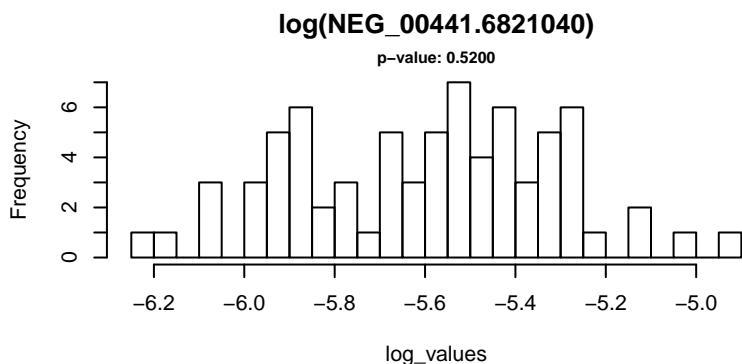
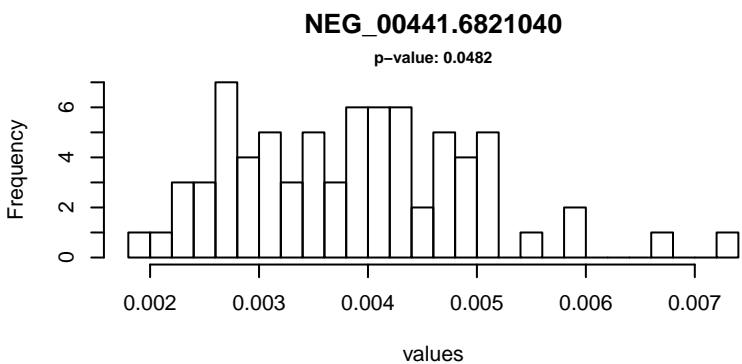
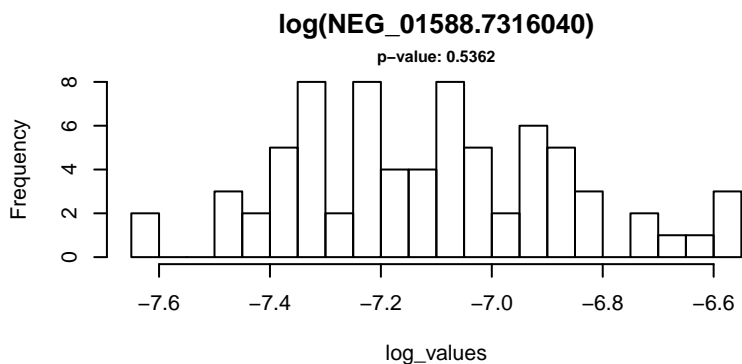
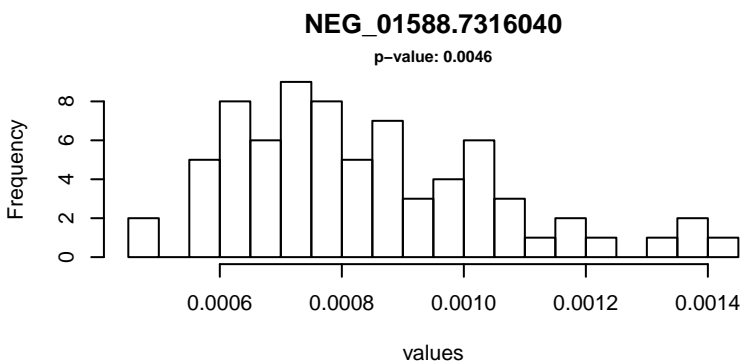
Transform not beneficial



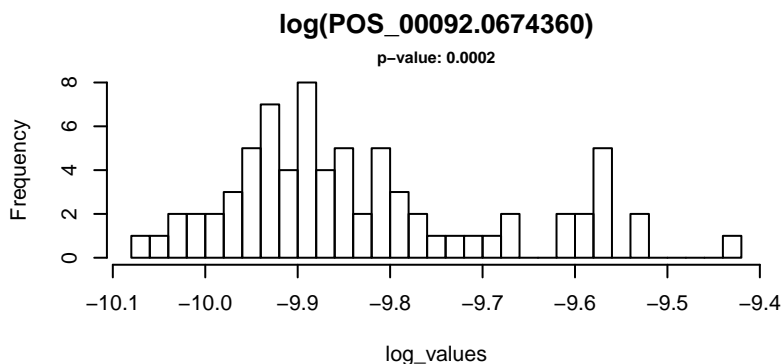
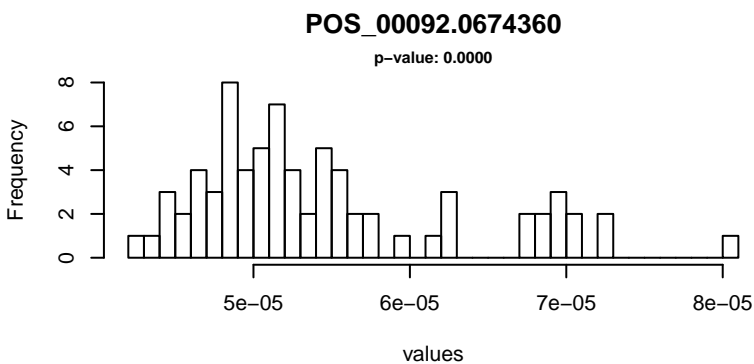
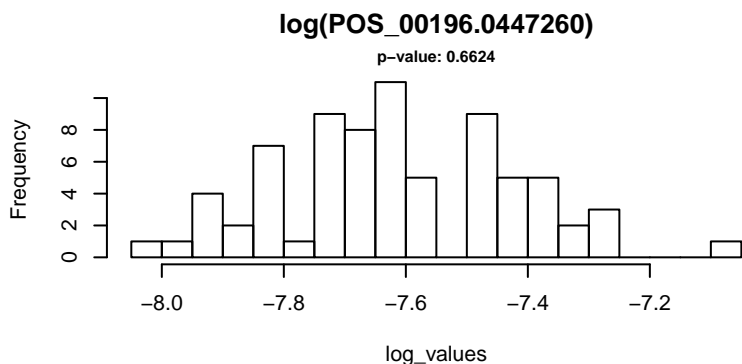
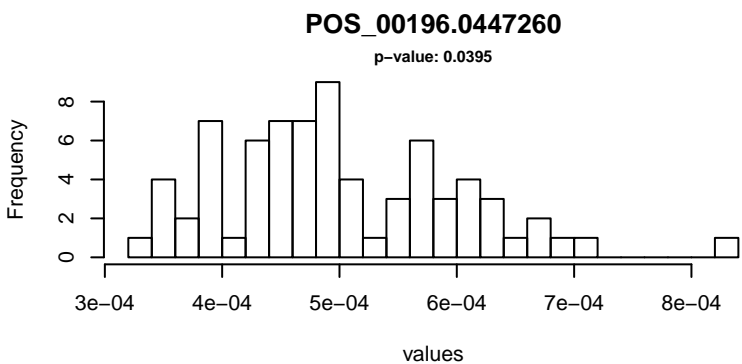


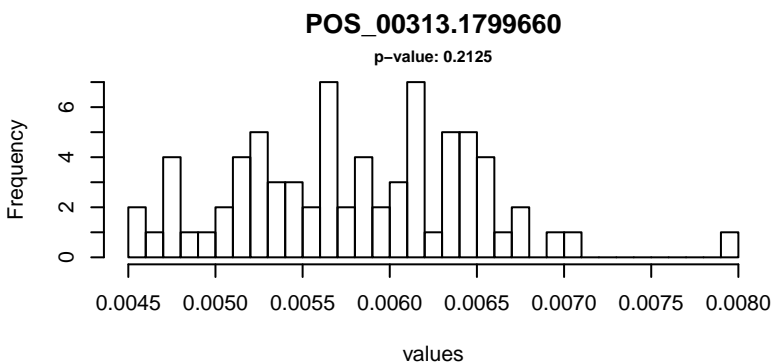
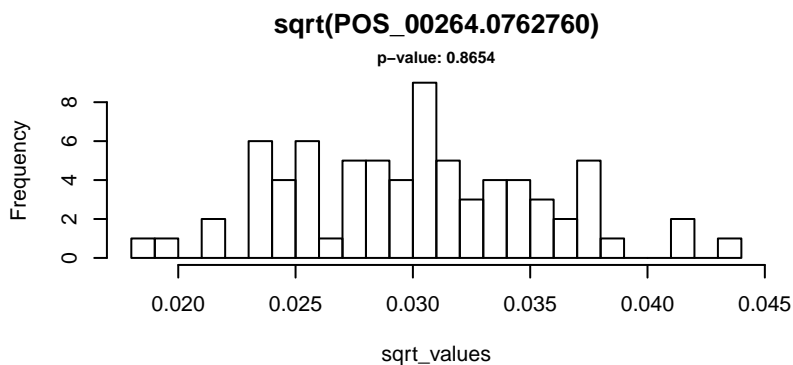
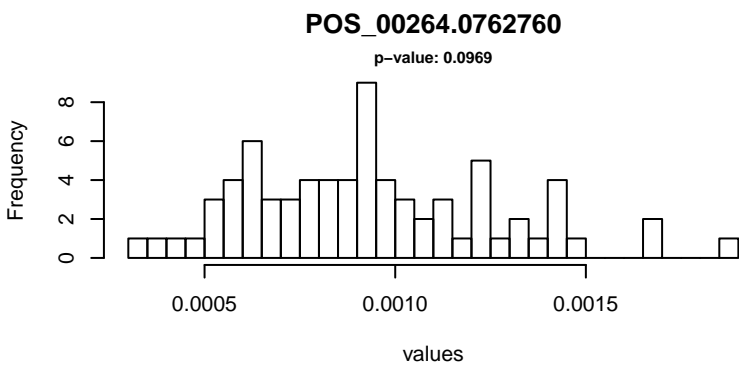
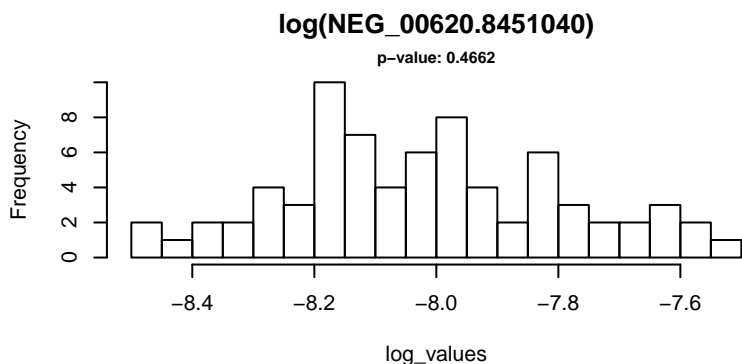
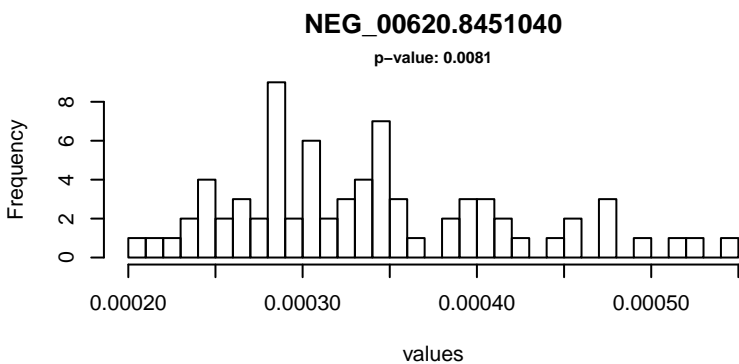
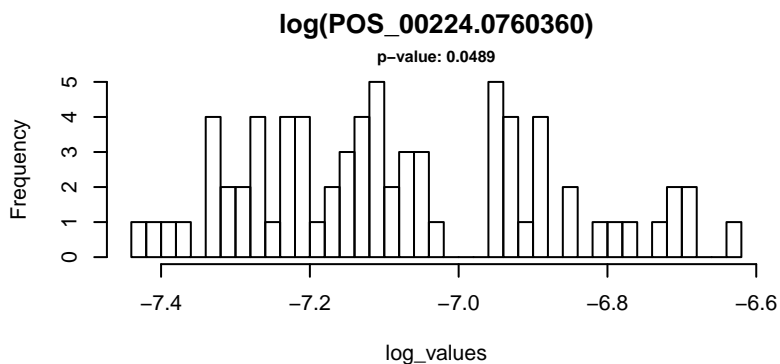
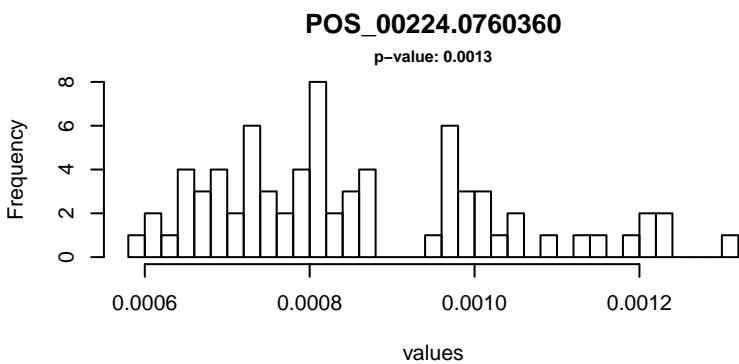
Transform not beneficial



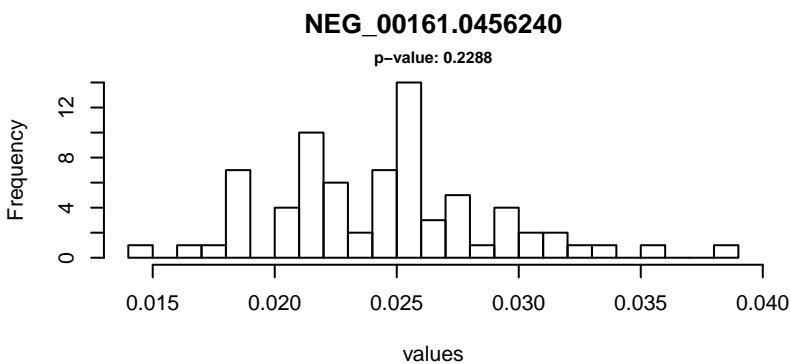


Transform not necessary

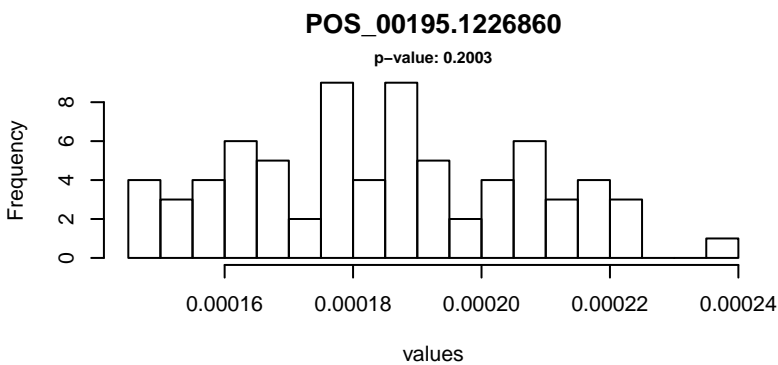
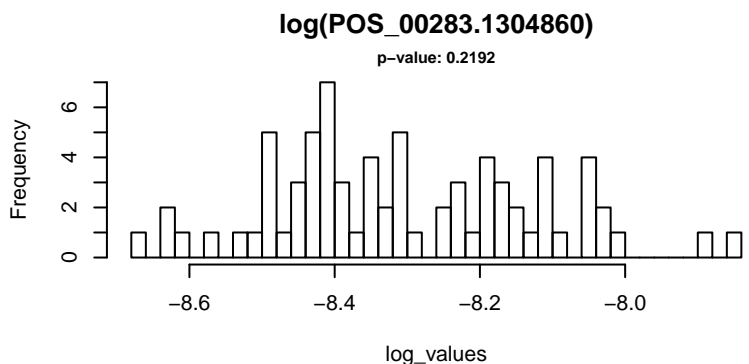
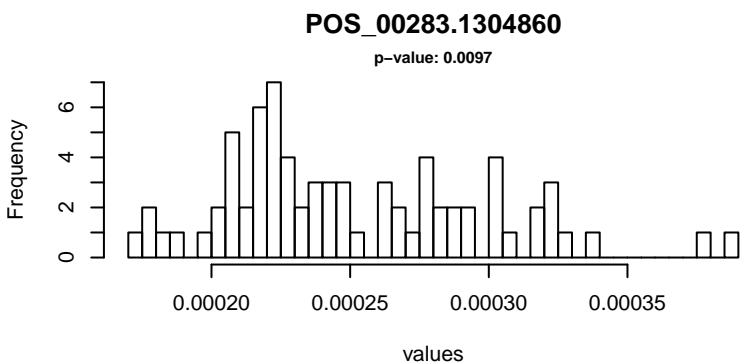
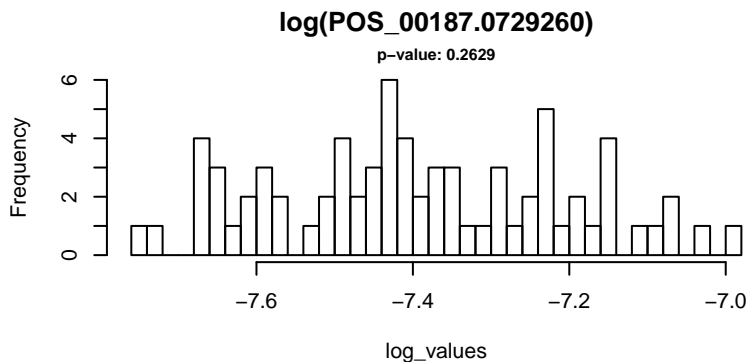
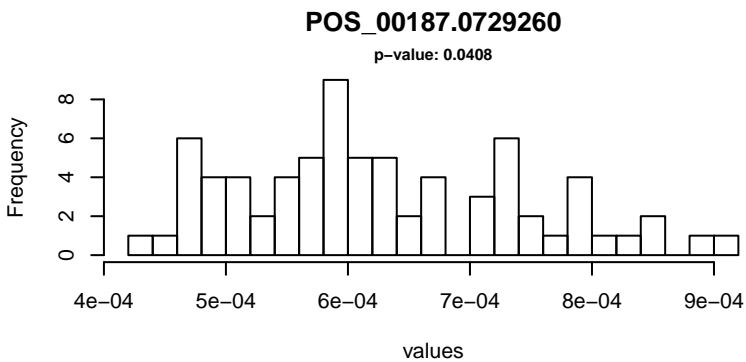




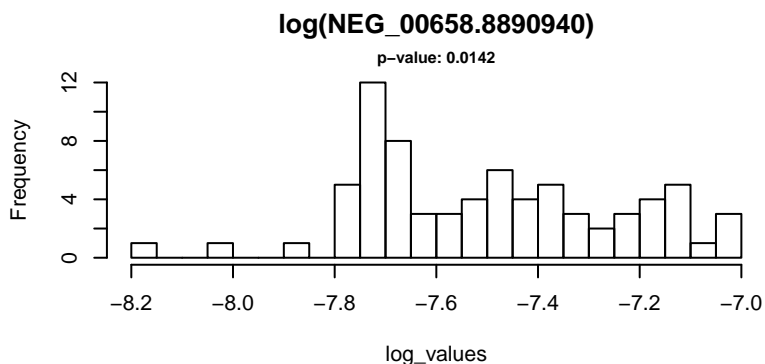
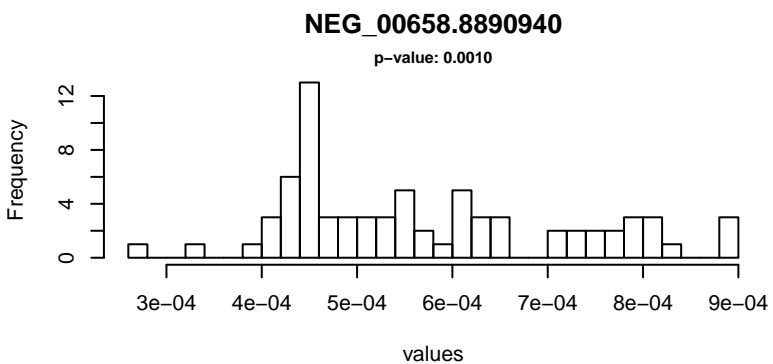
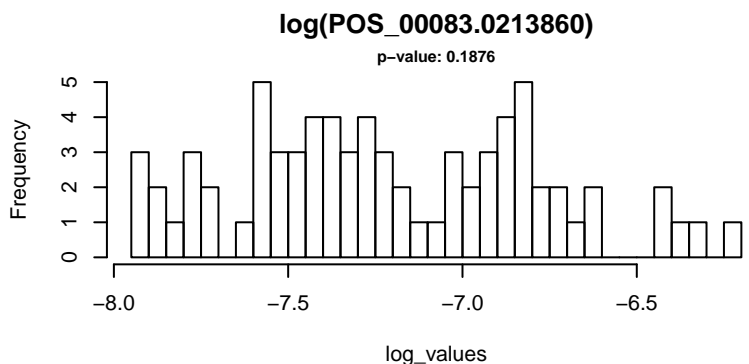
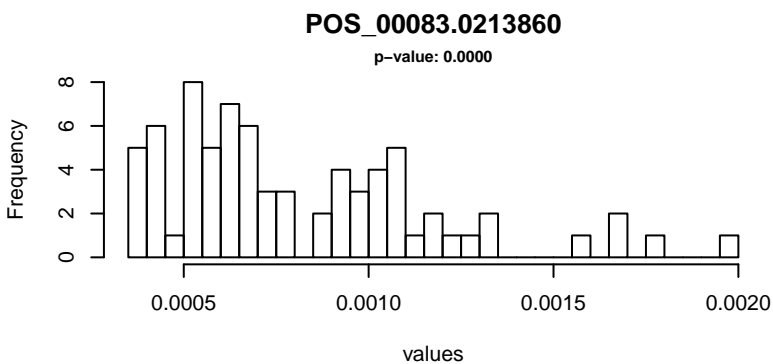
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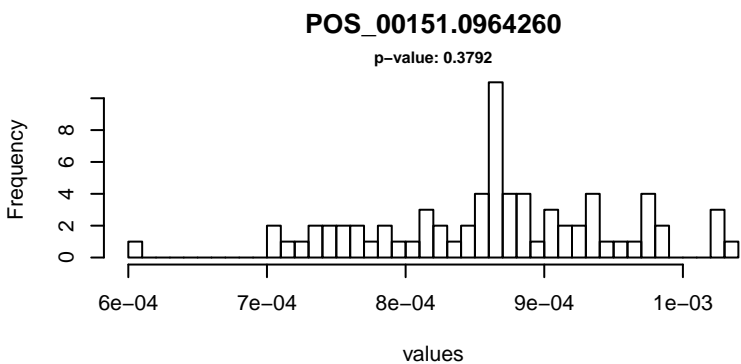
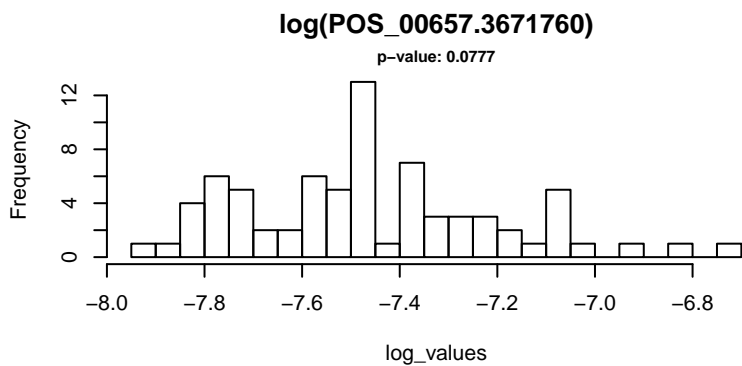
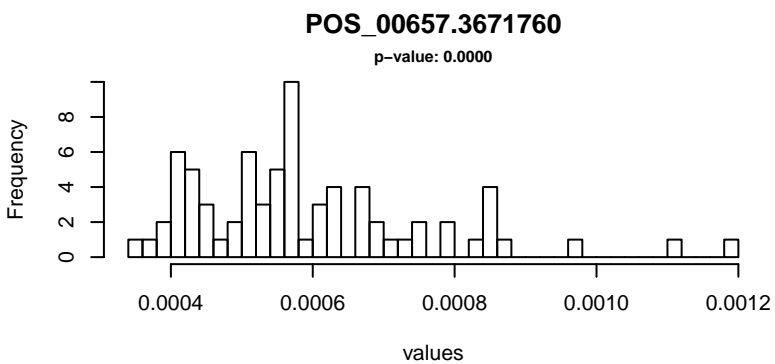


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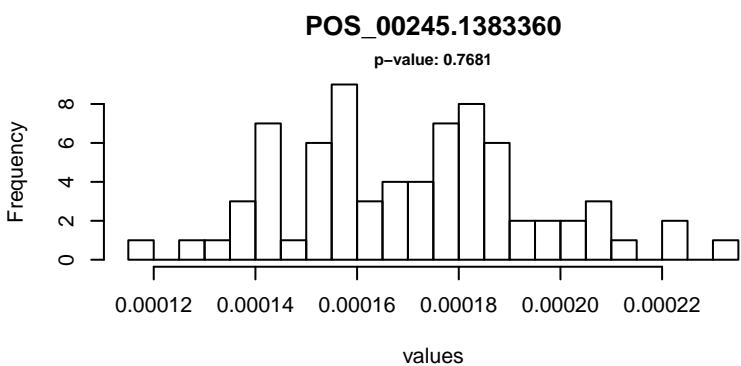
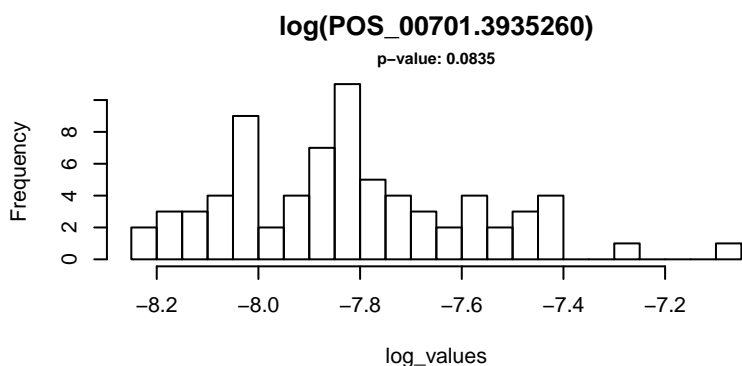
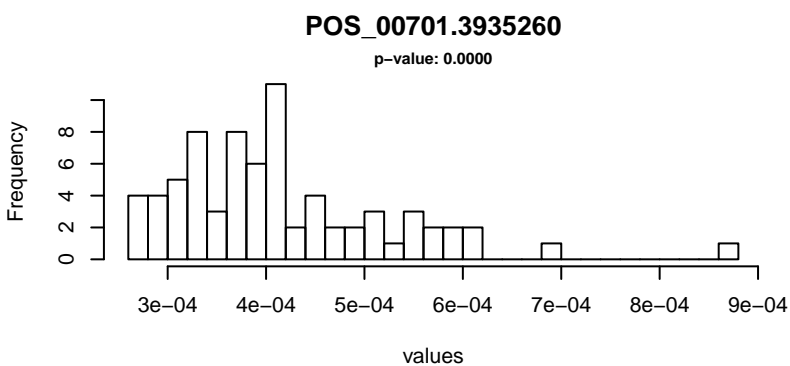
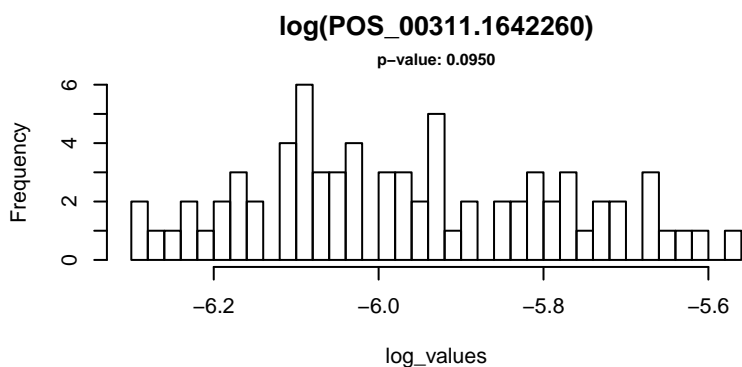
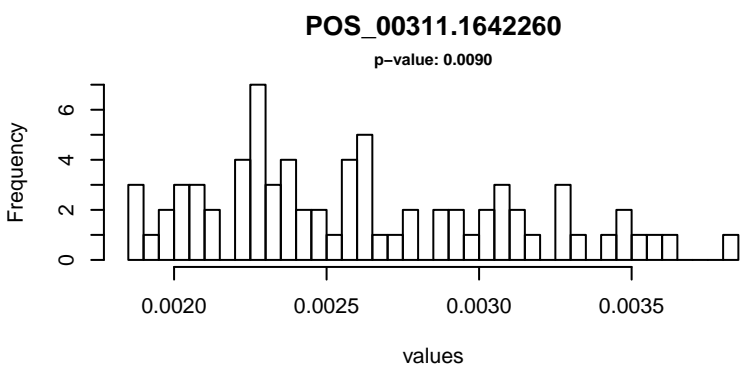


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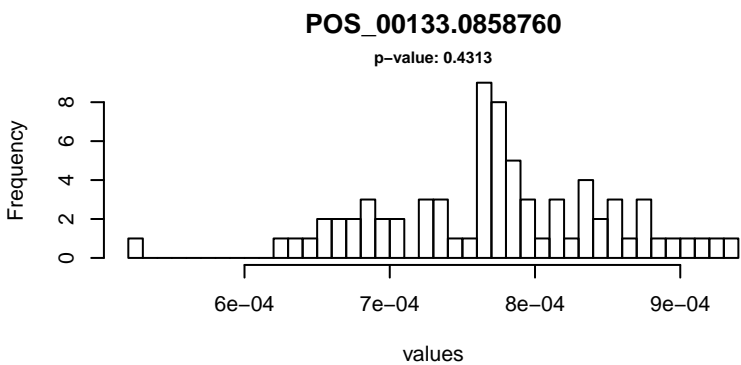
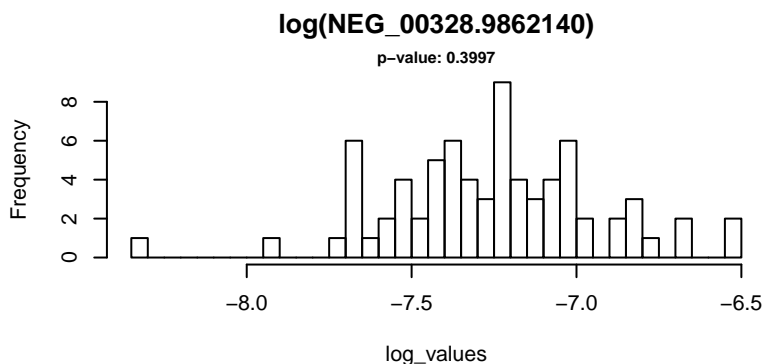
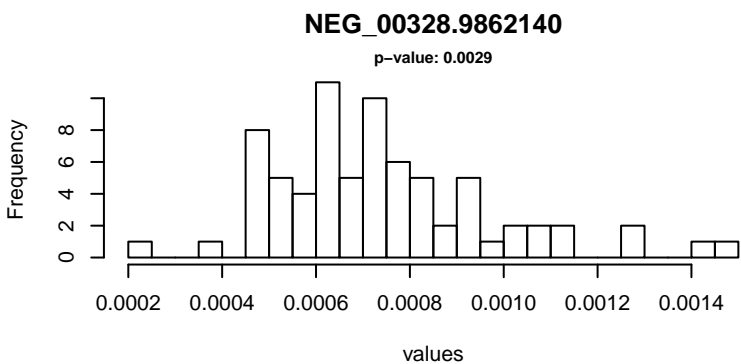
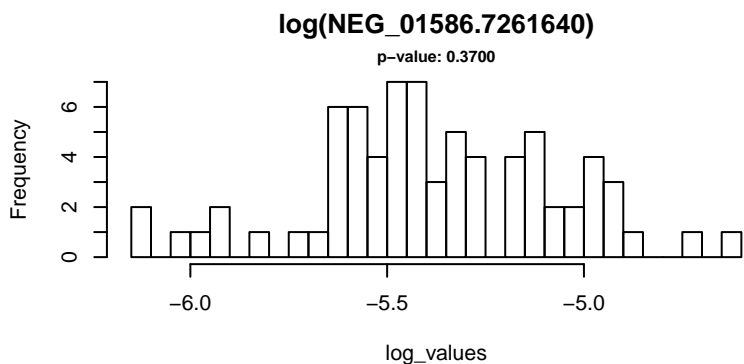
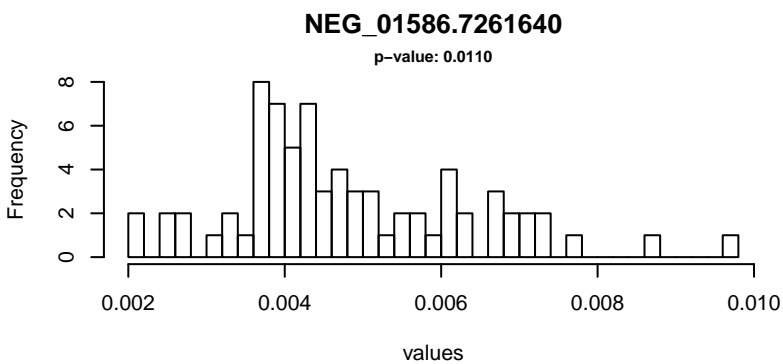




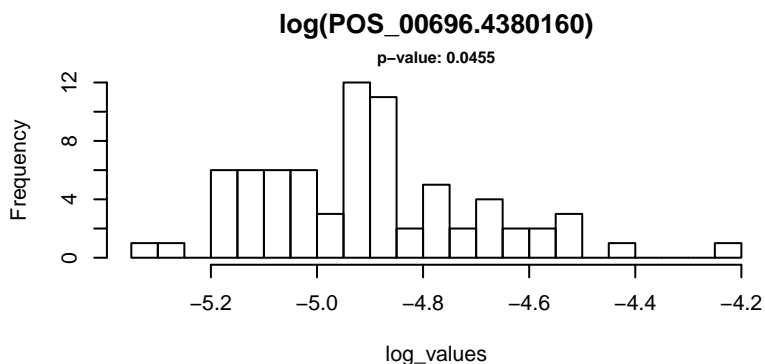
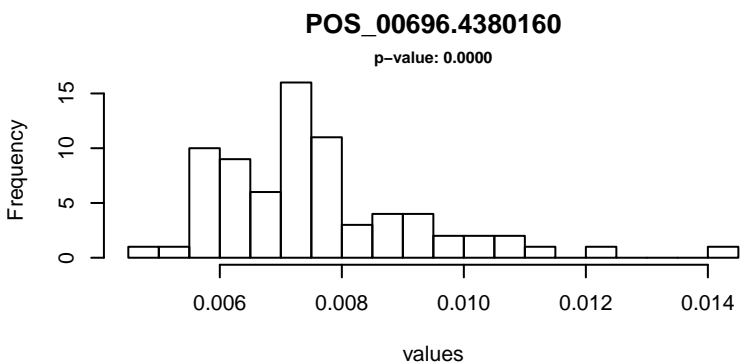
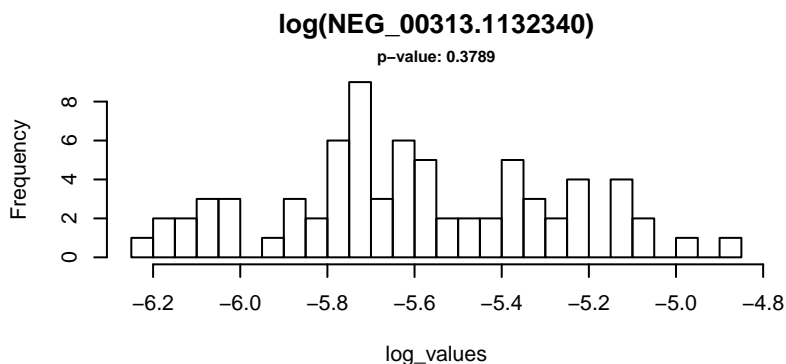
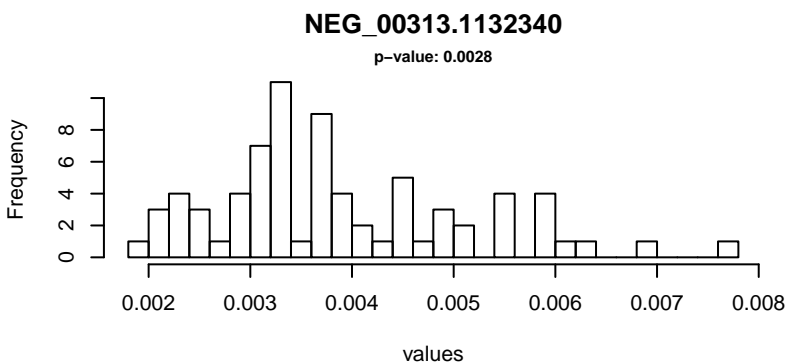
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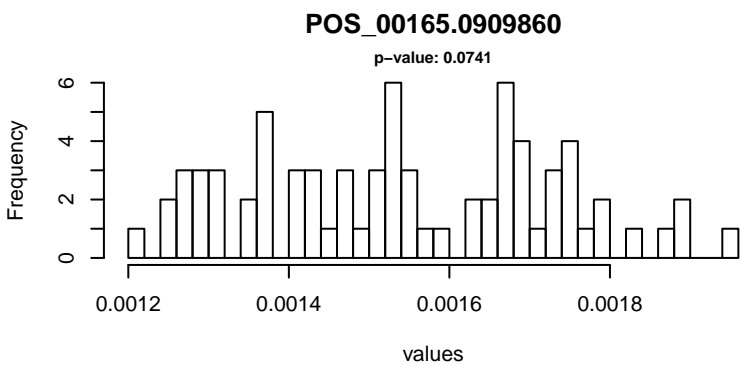
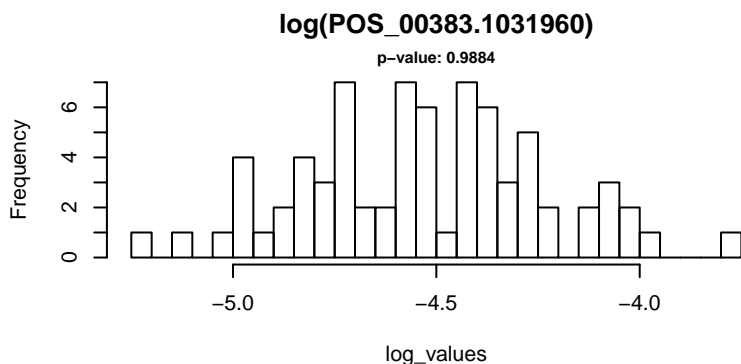
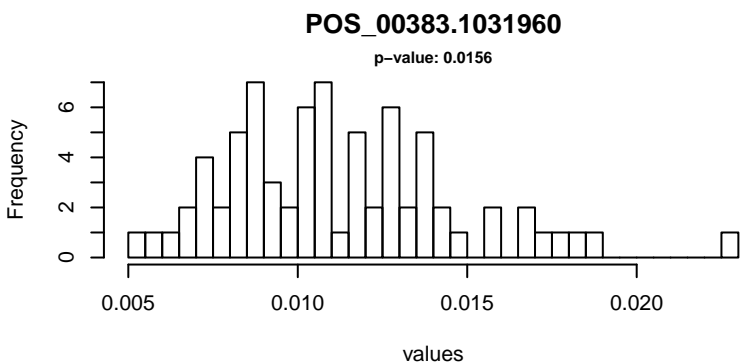
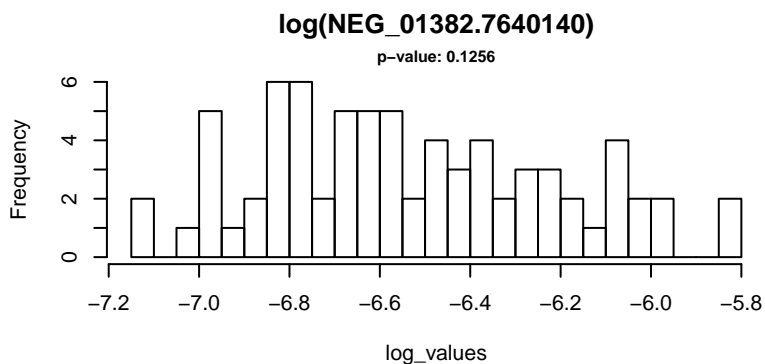
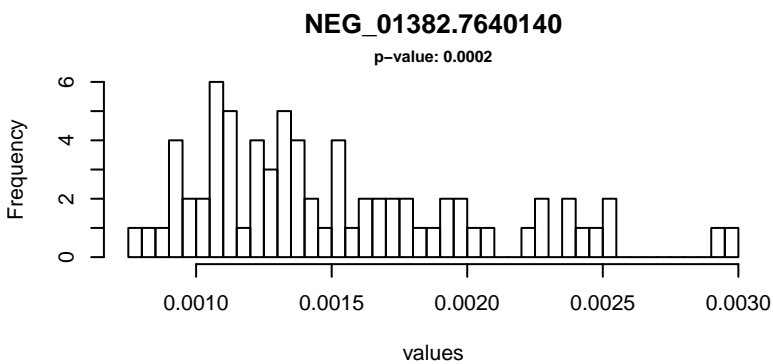


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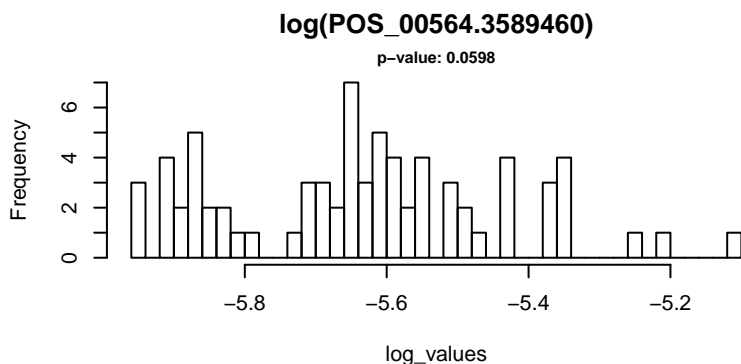
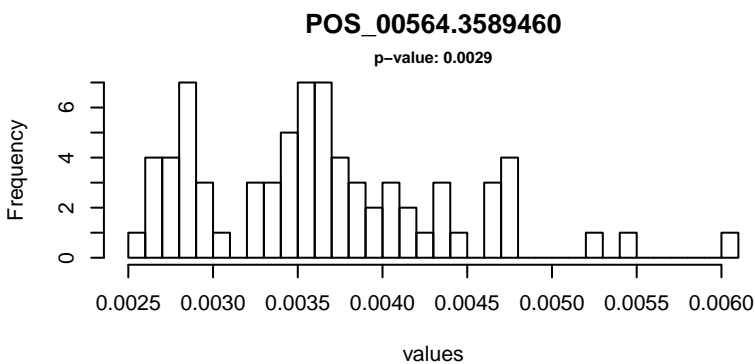
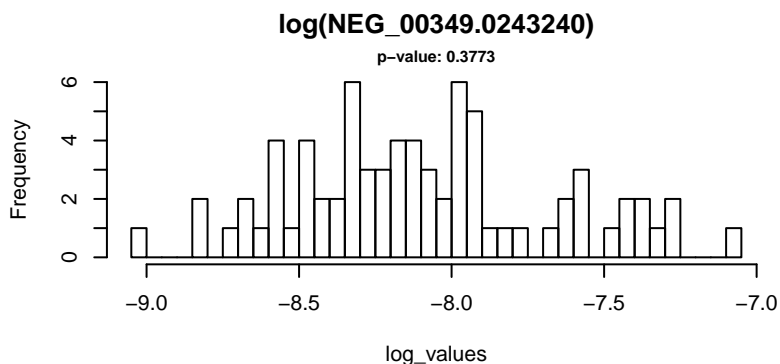
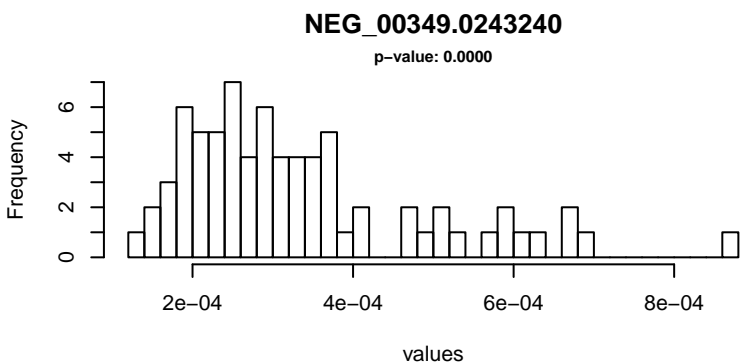


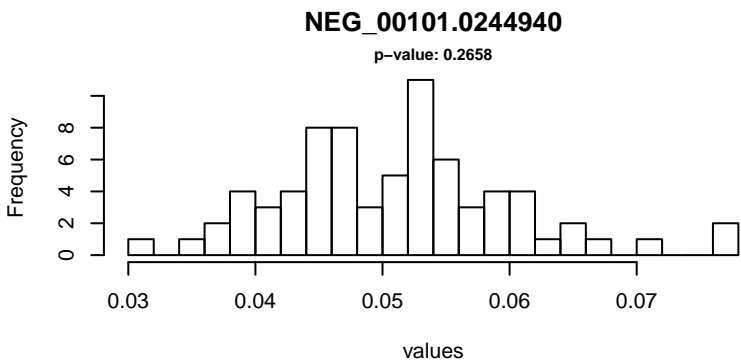
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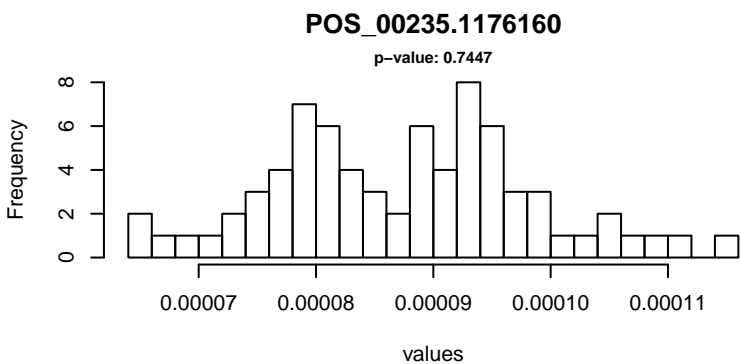


Transform not beneficial

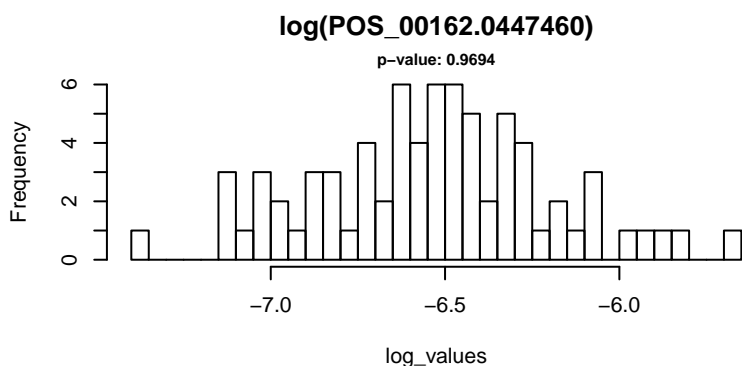
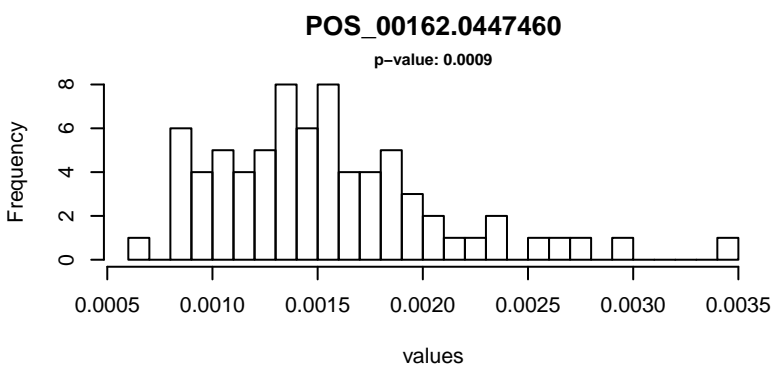
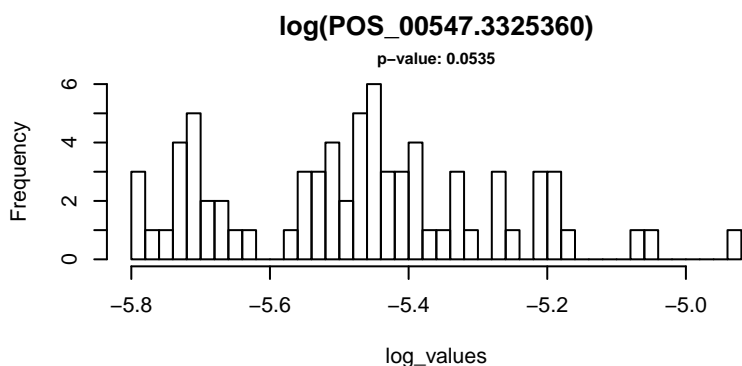
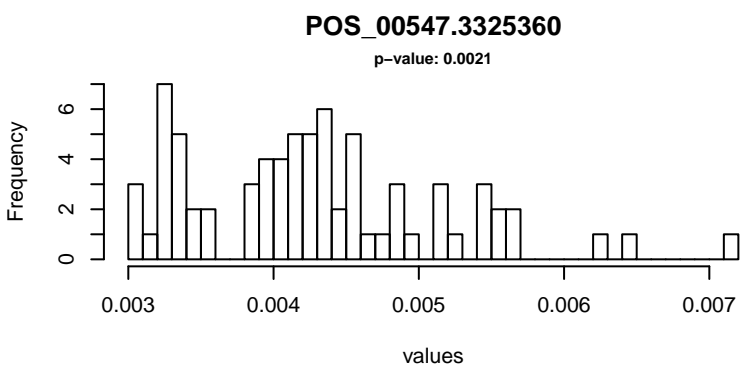
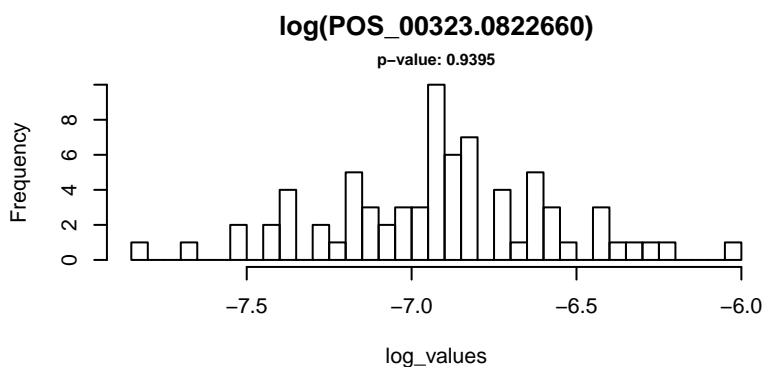
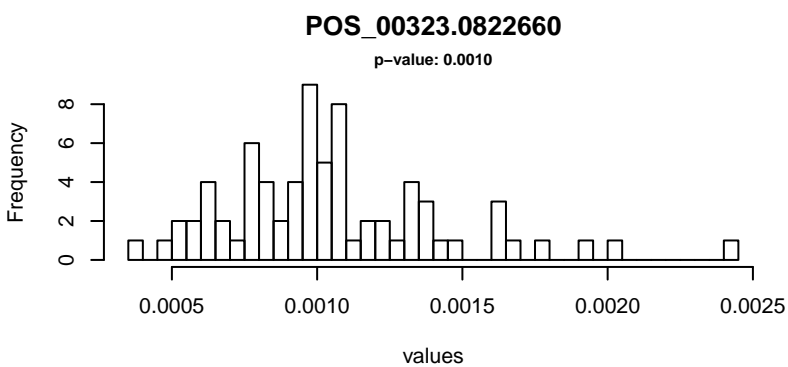


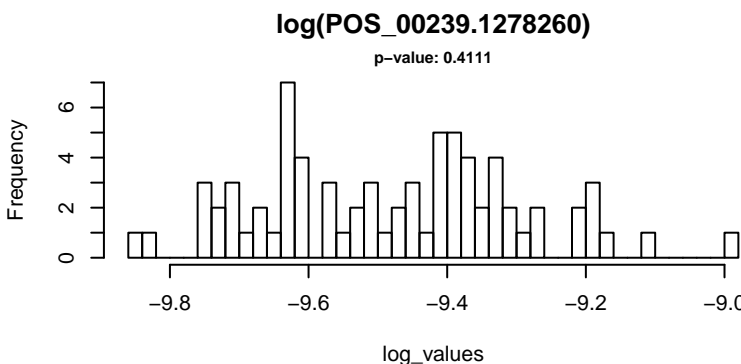
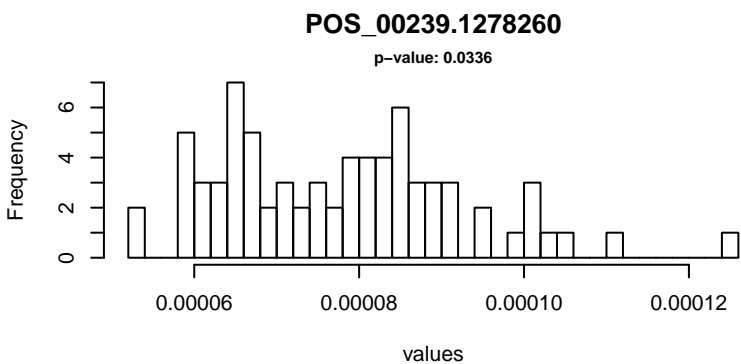
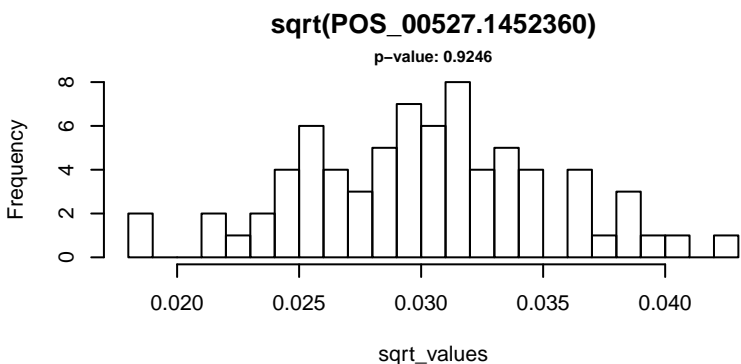
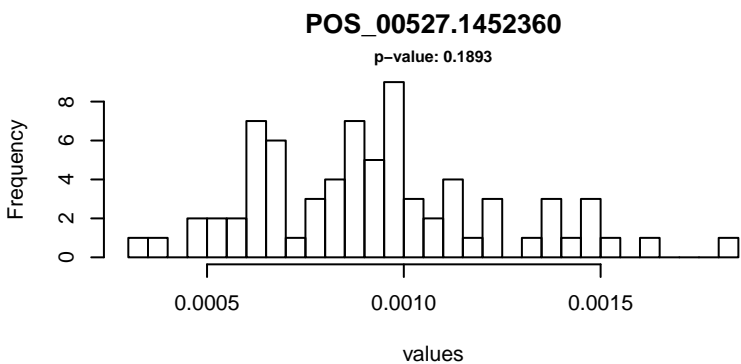
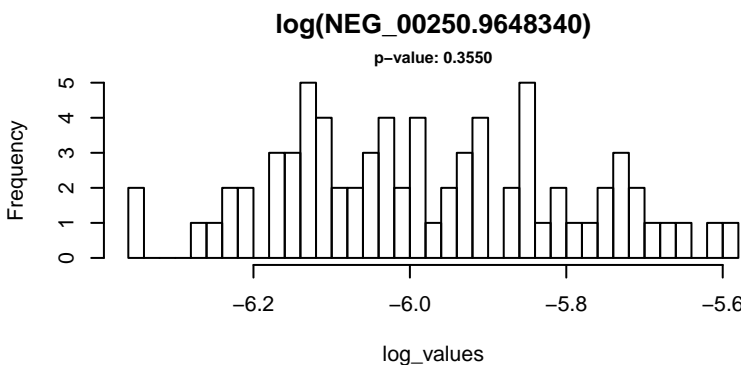
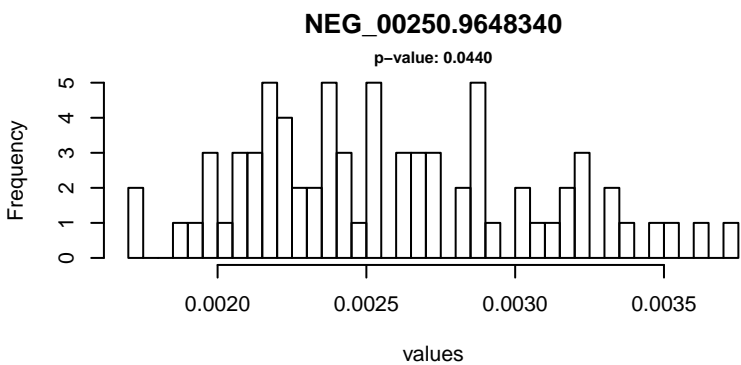
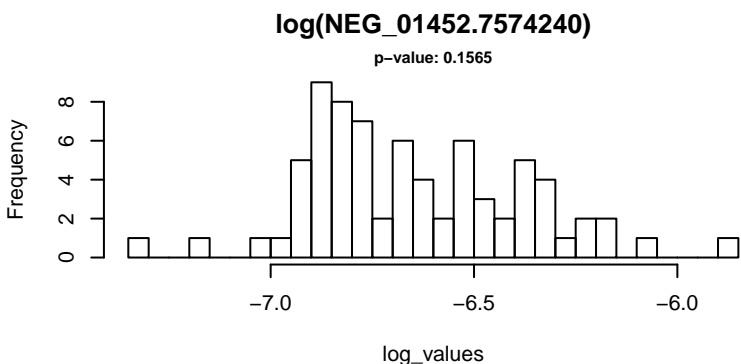
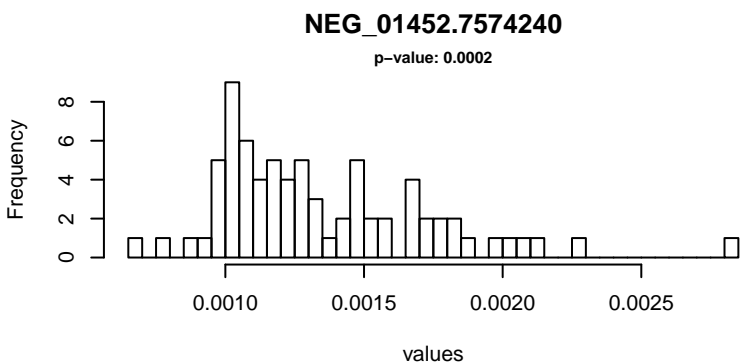
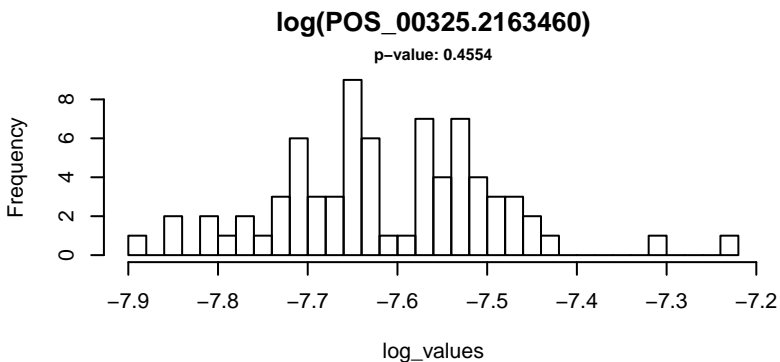
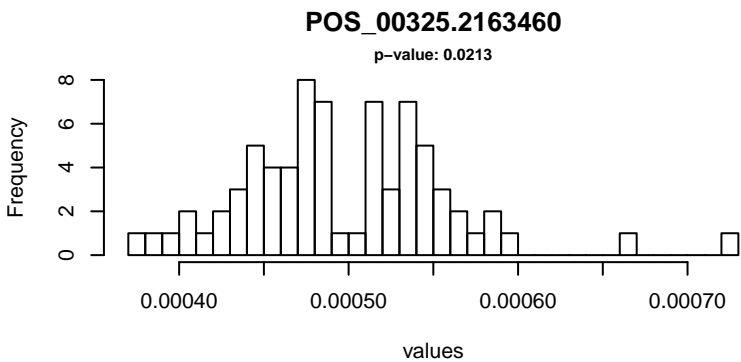


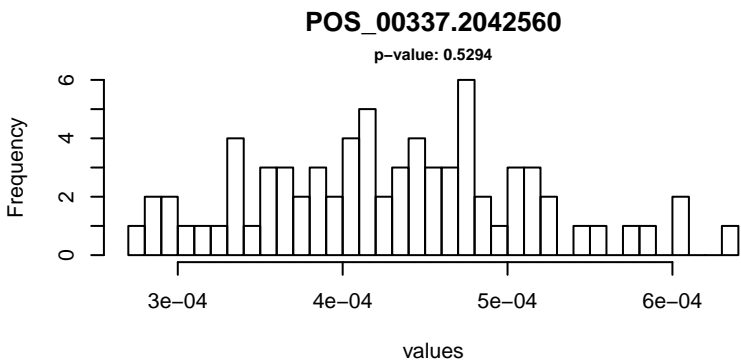
Transform not necessary



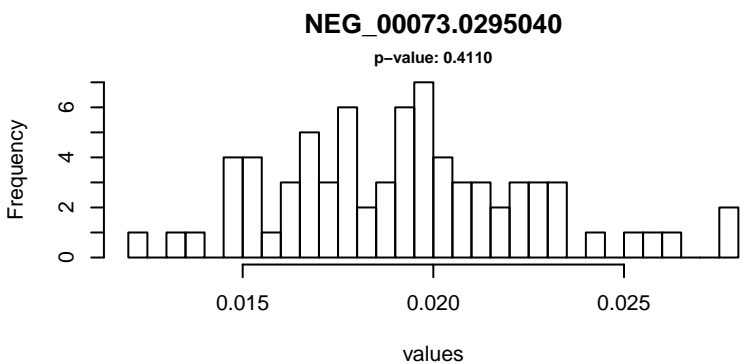
Transform not necessary



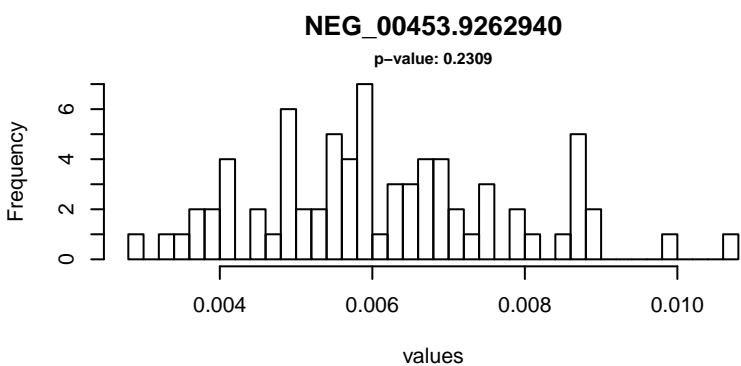
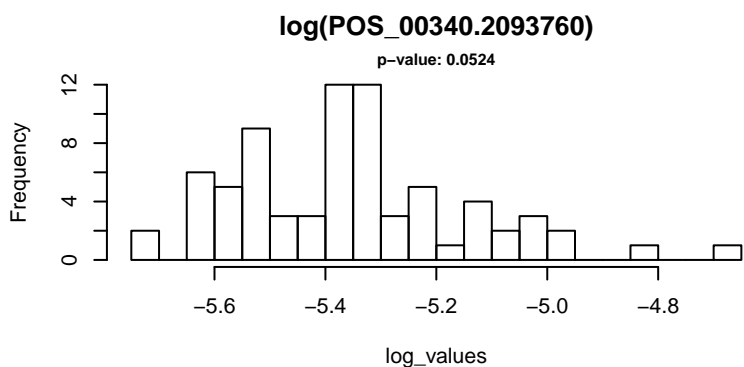
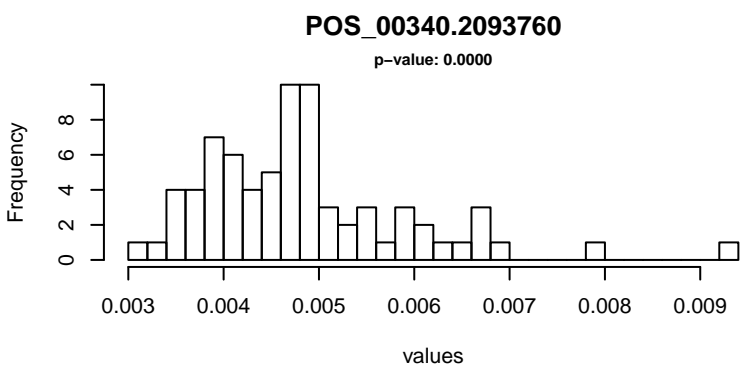




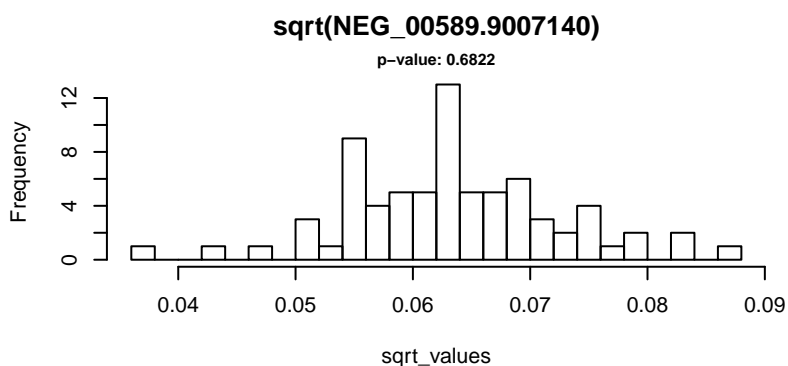
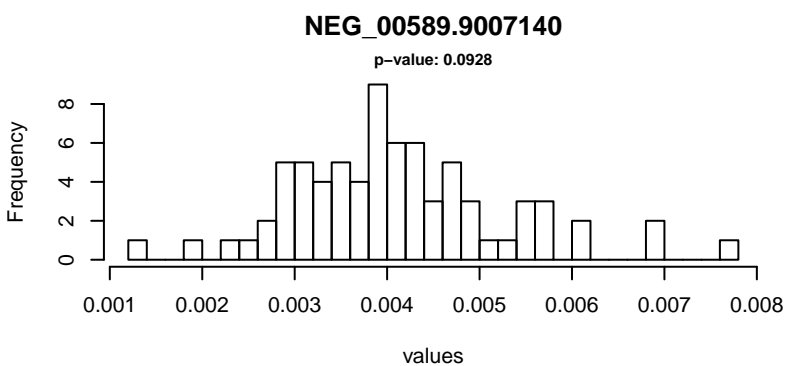
Transform not necessary

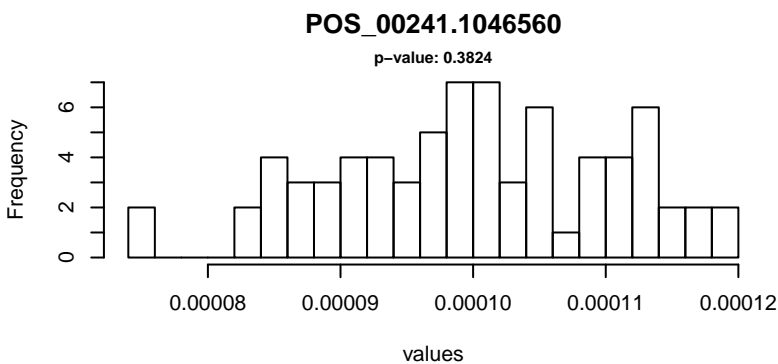
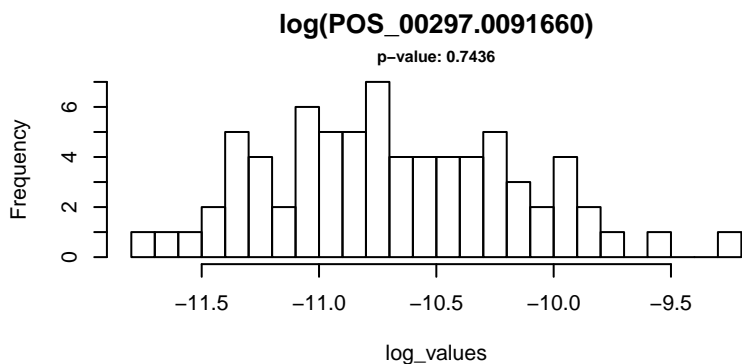
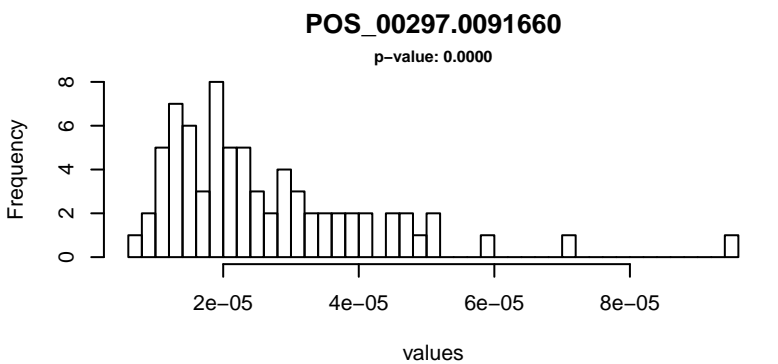


Transform not necessary

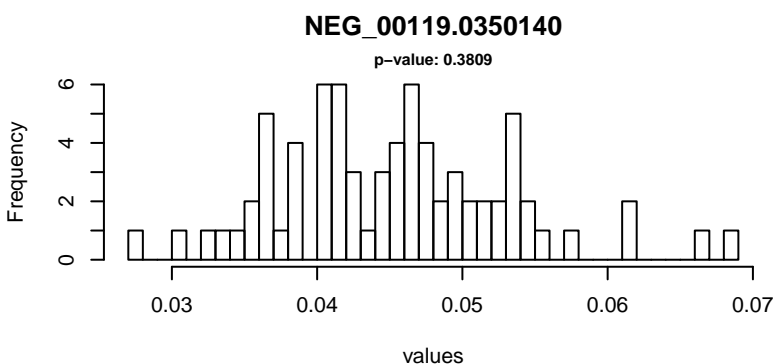
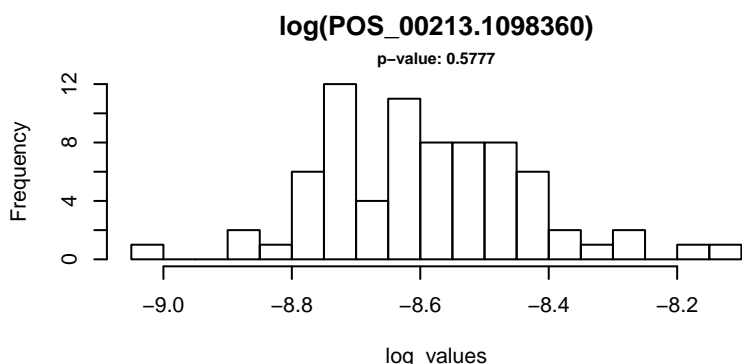
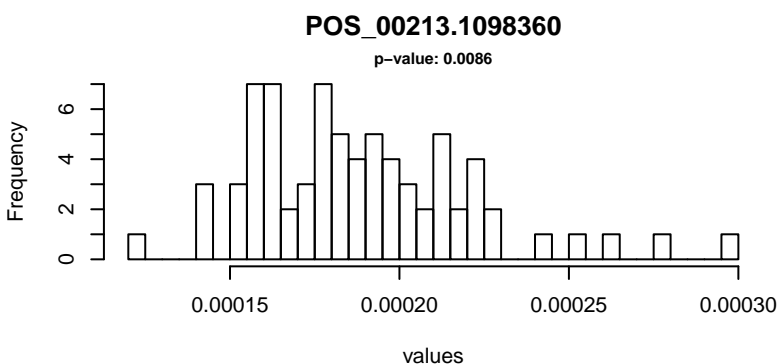
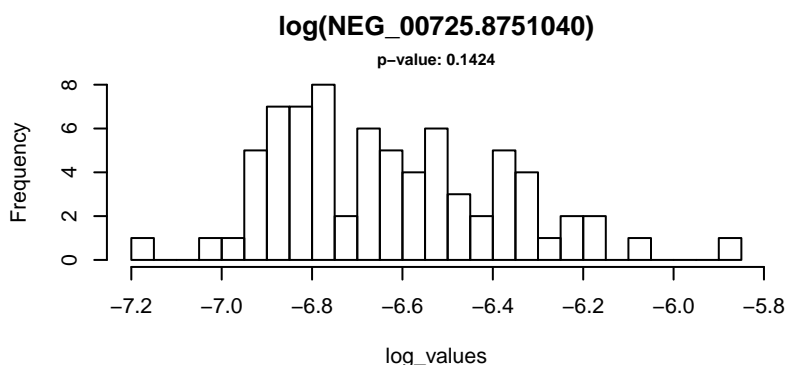
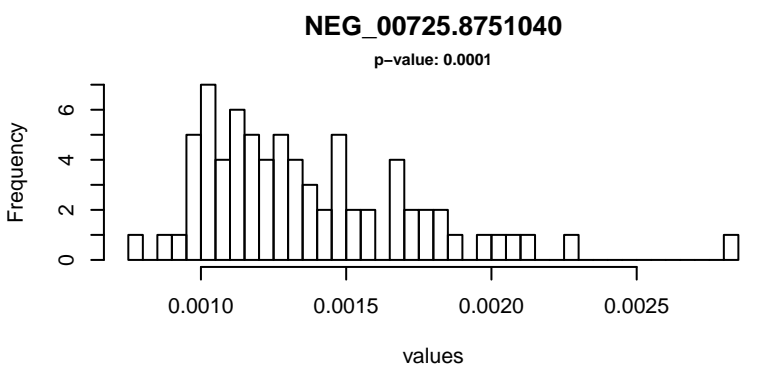


Transform not necessary

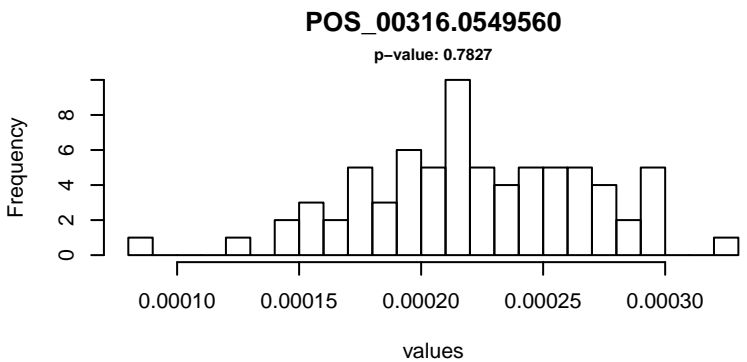




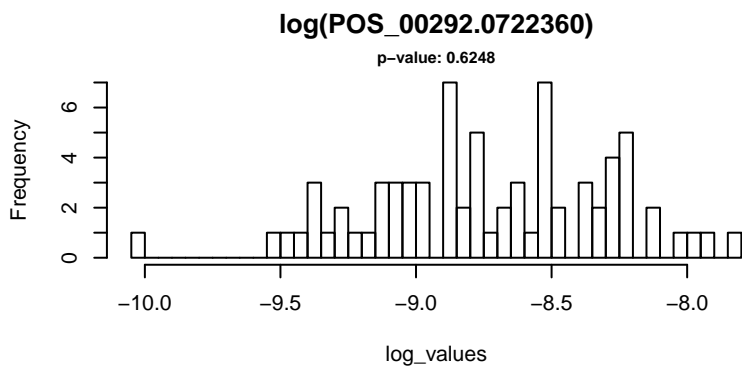
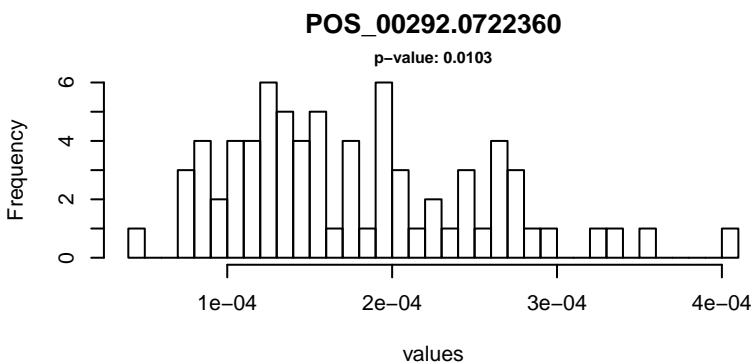
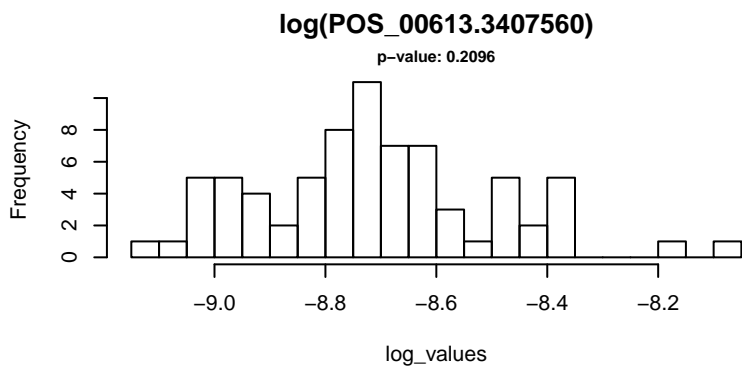
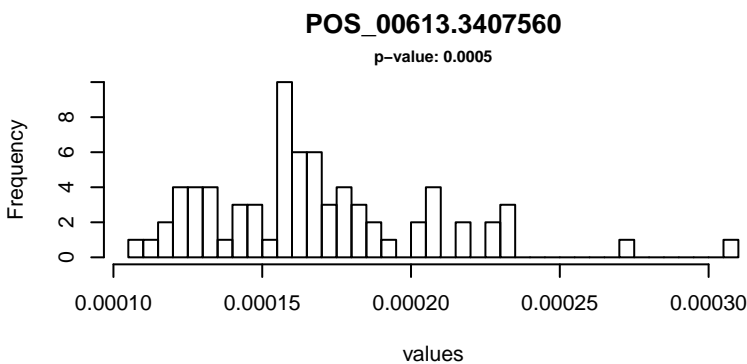
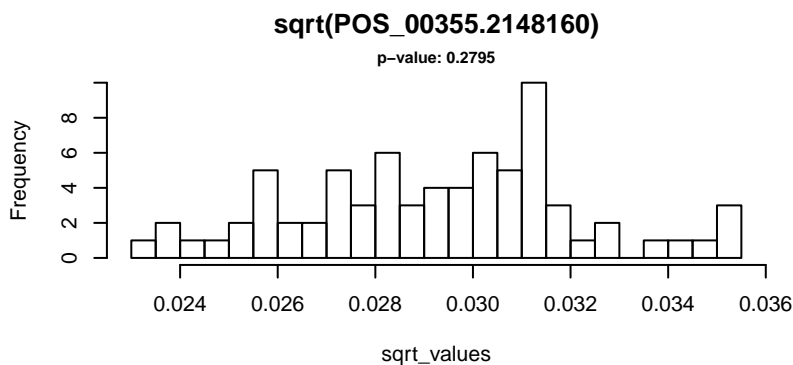
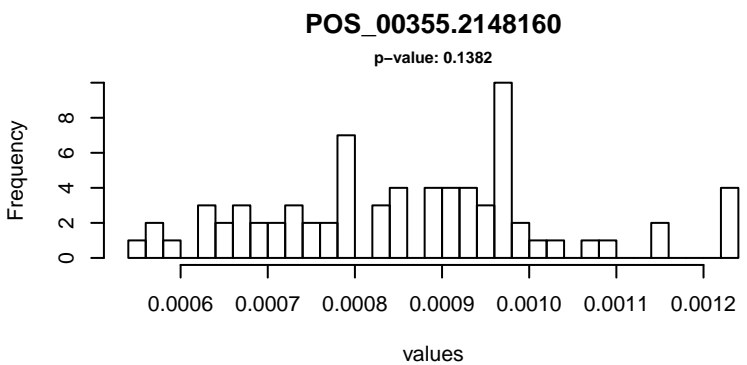
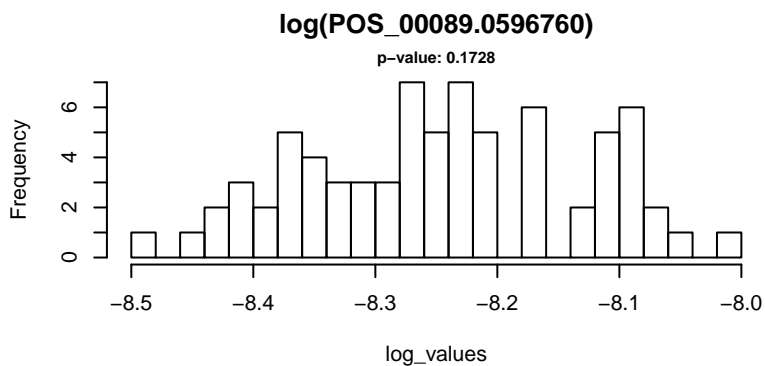
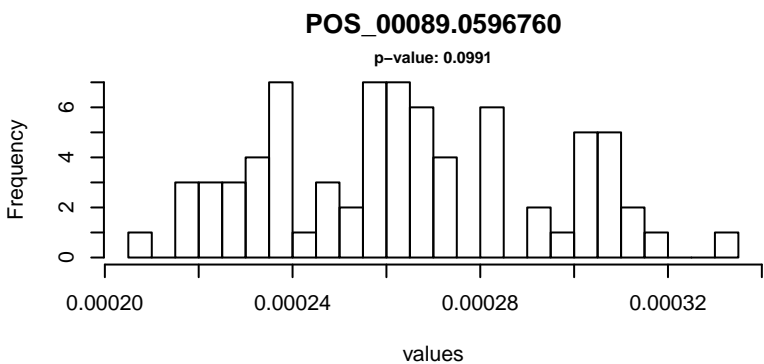
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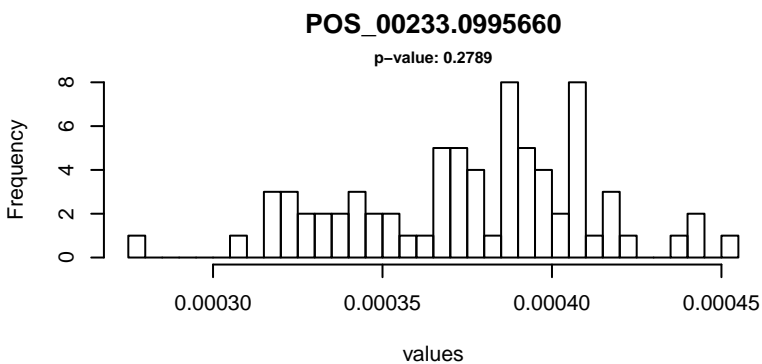
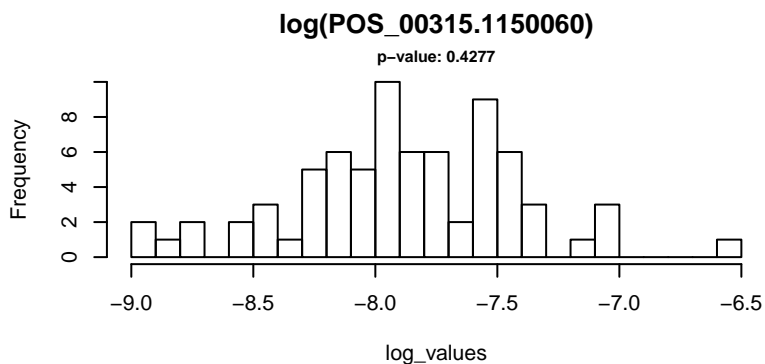
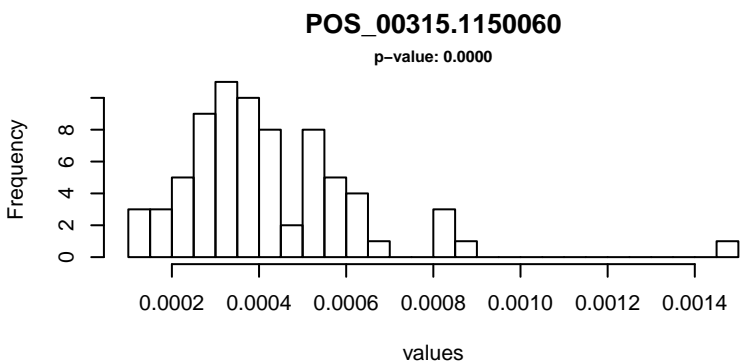


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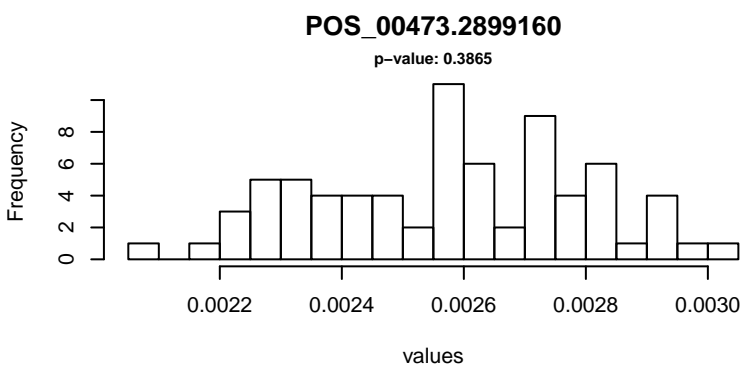
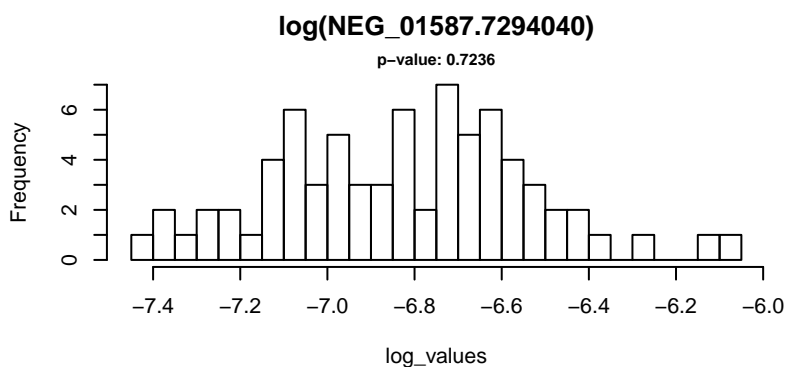
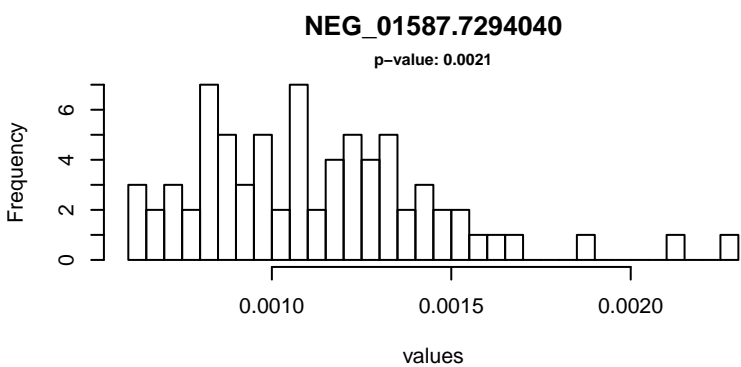


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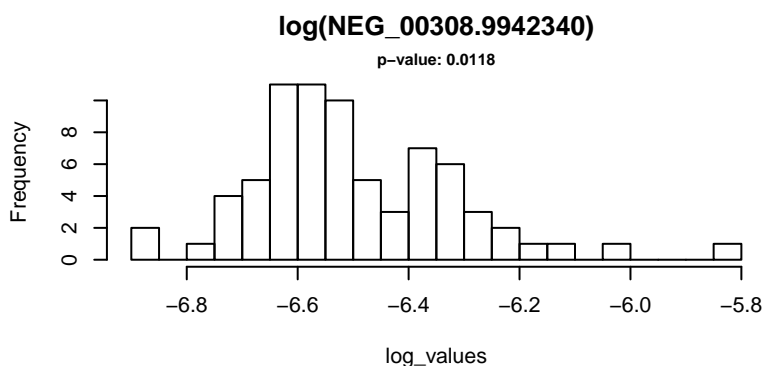
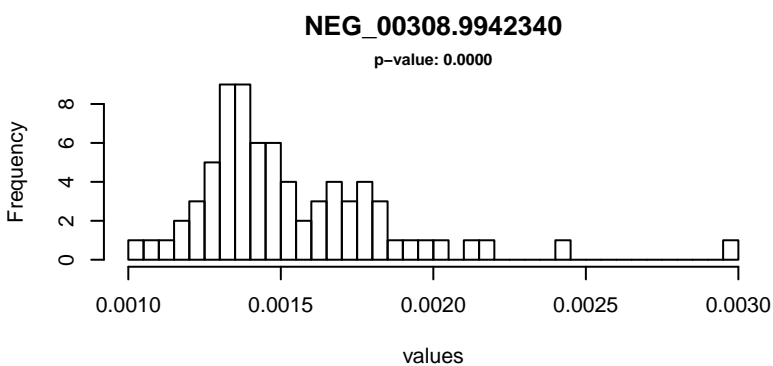


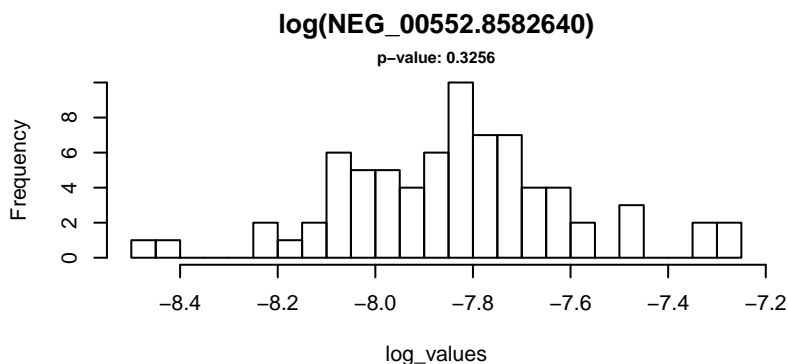
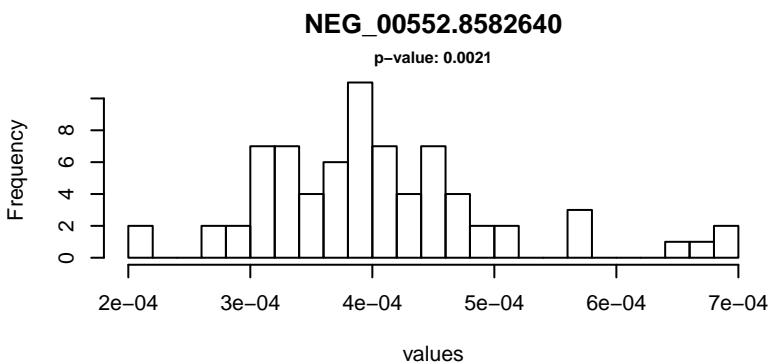
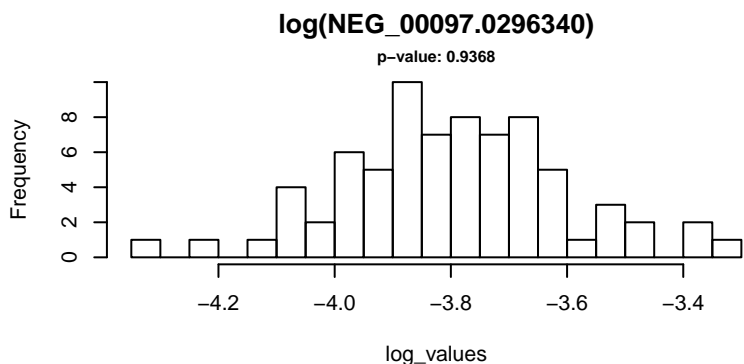
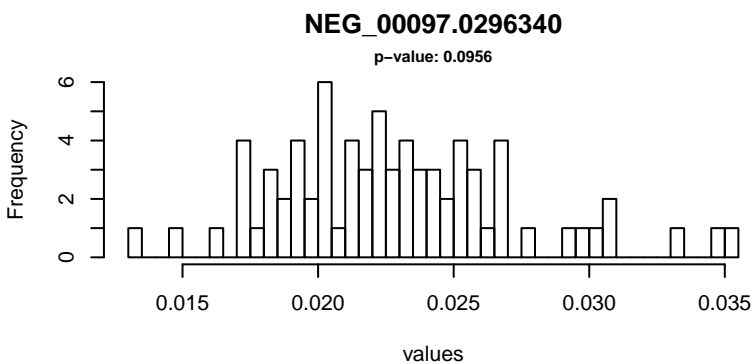
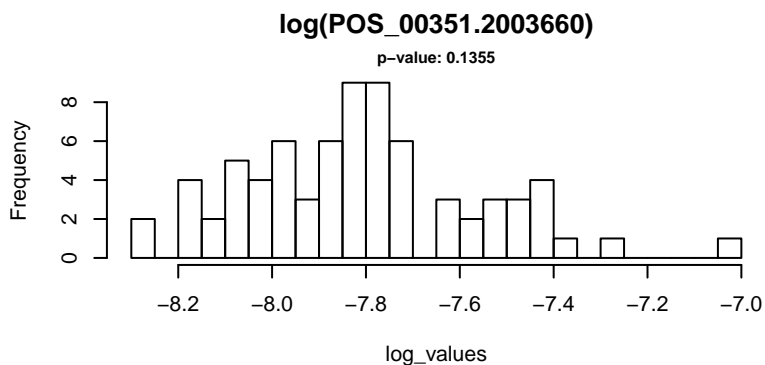
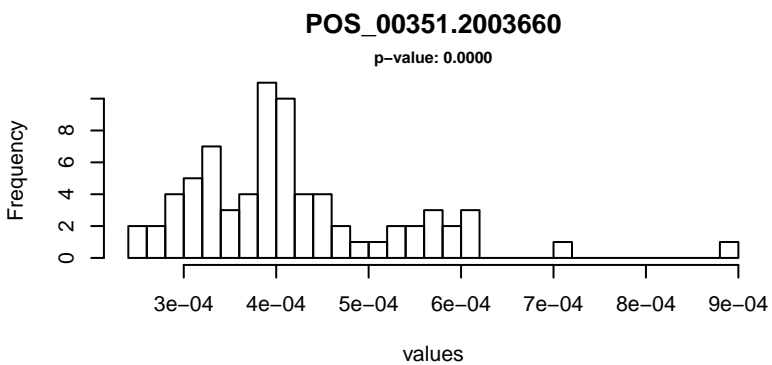
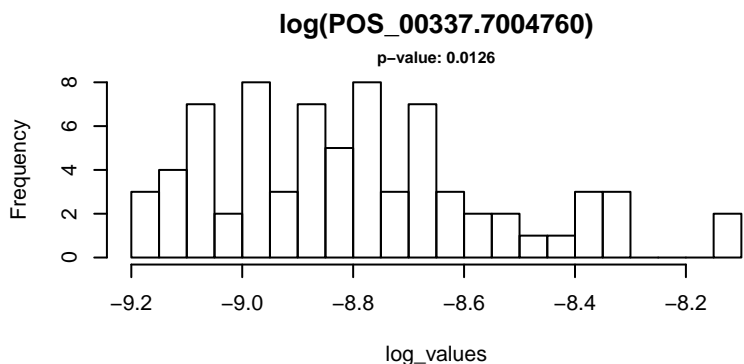
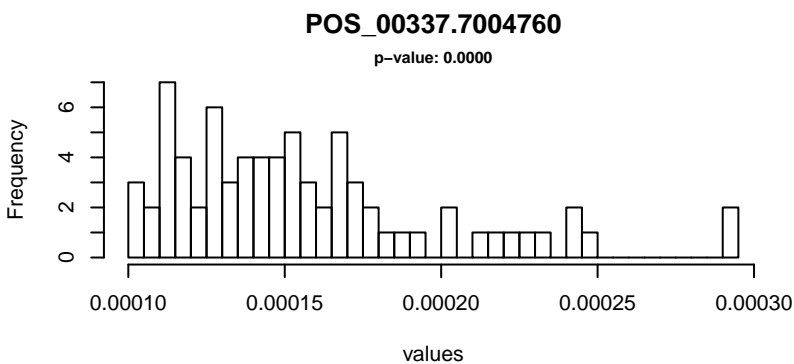
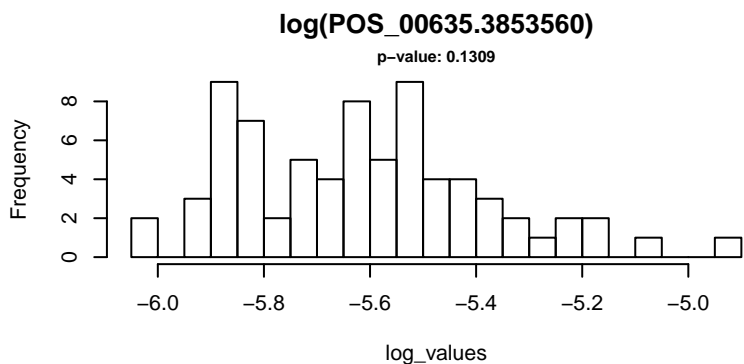
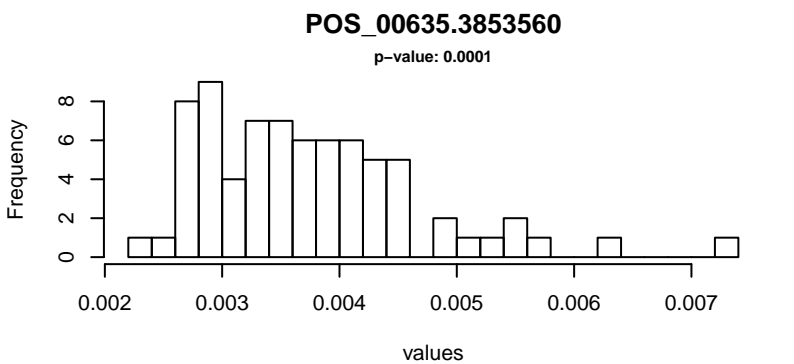


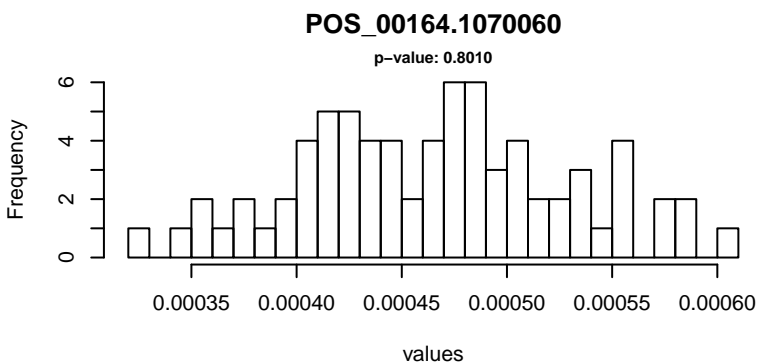
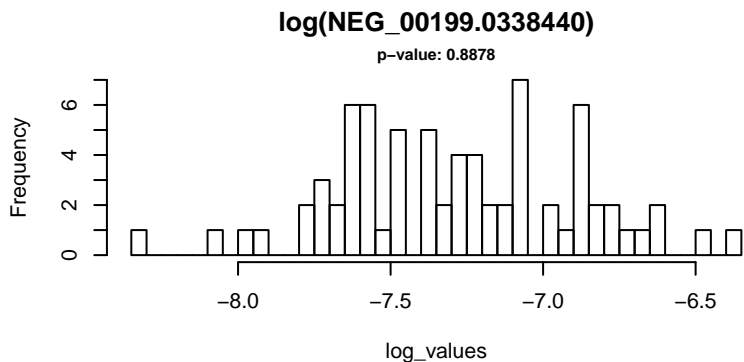
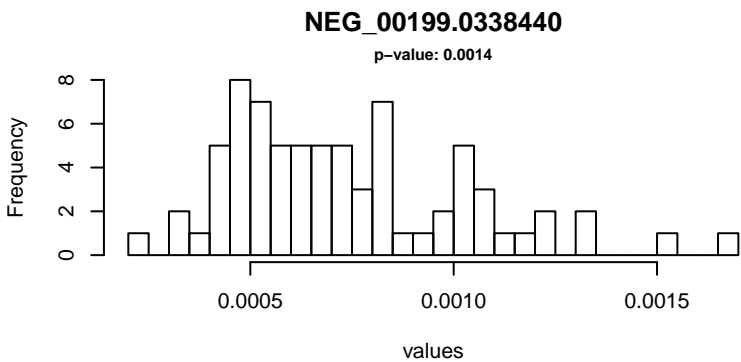
Transform not necessary



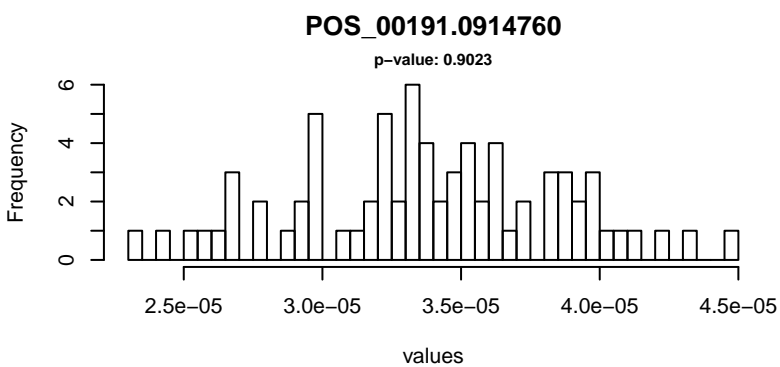
Transform not necessary



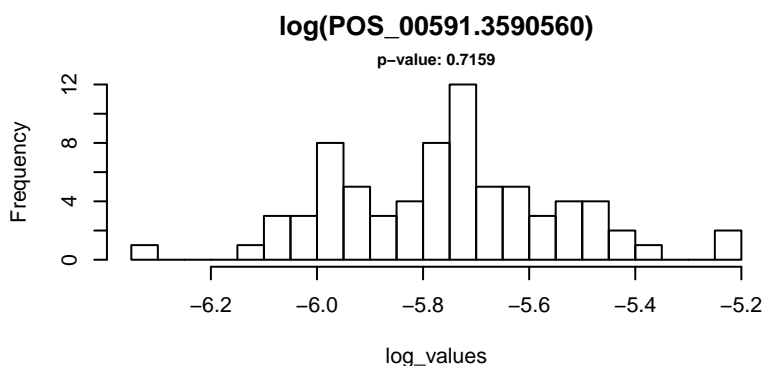
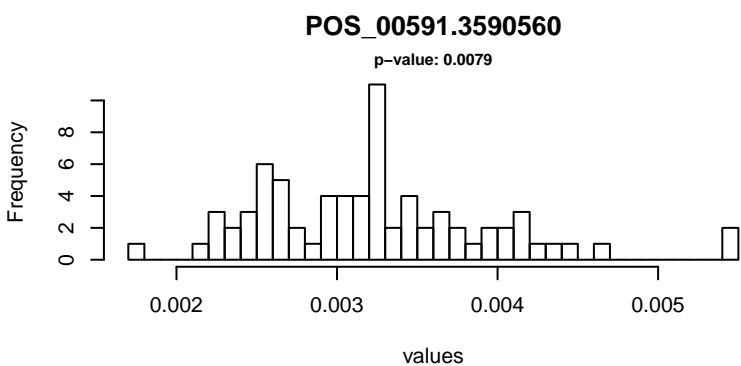
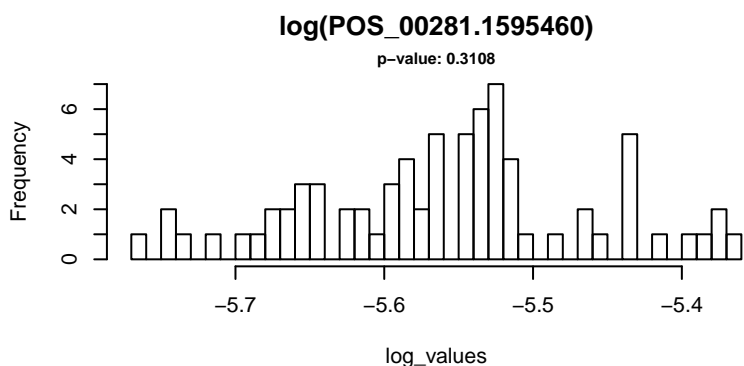
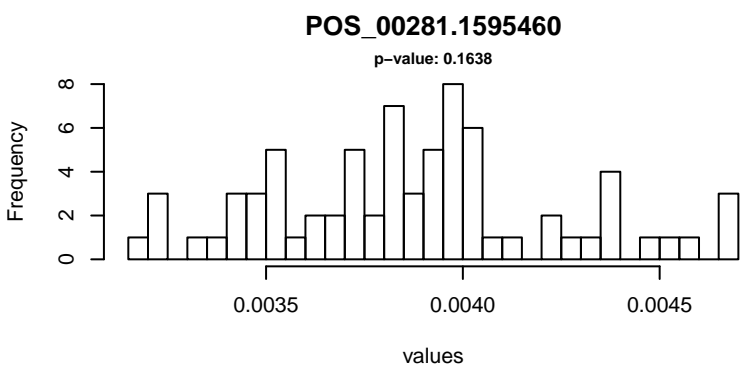


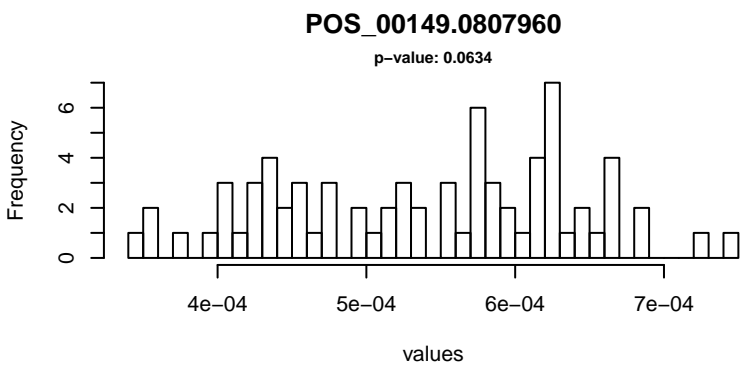
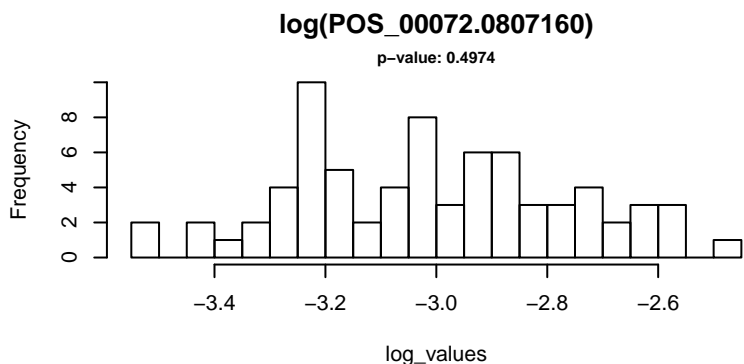
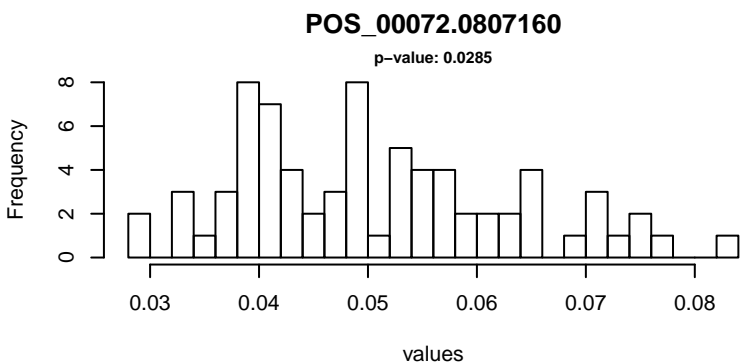
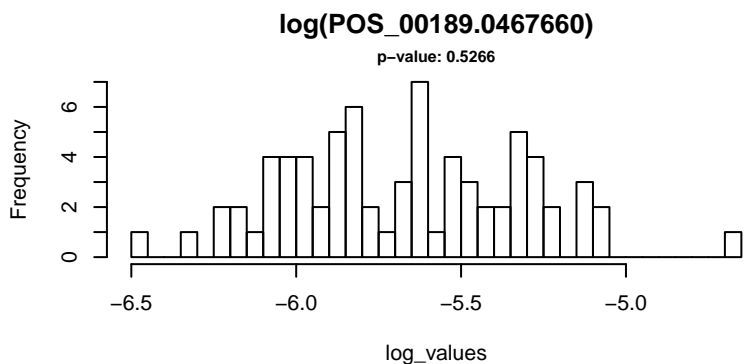
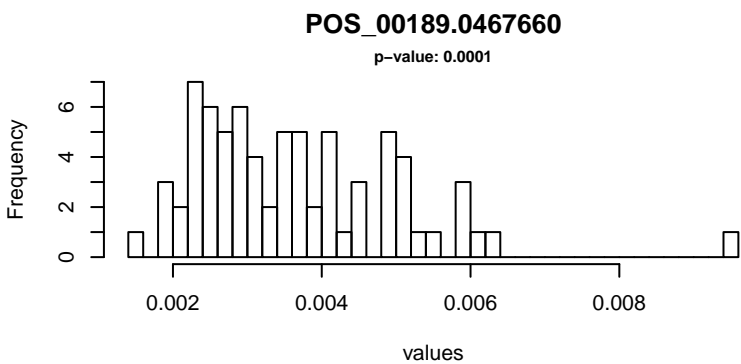


Transform not necessary

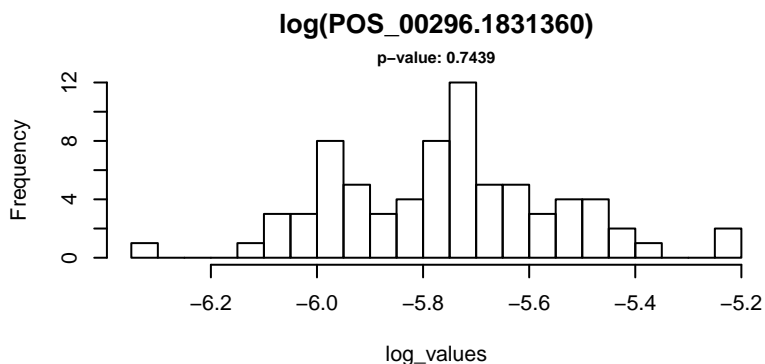
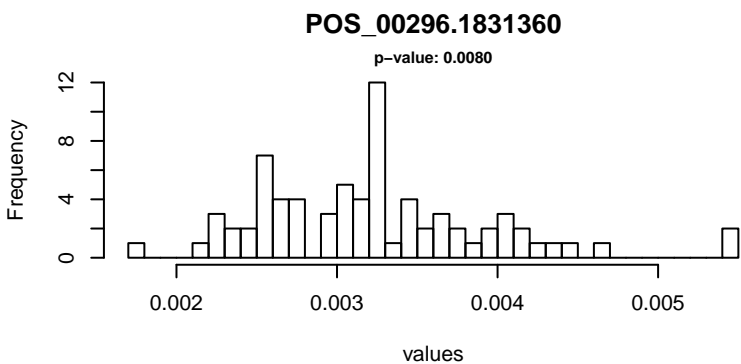
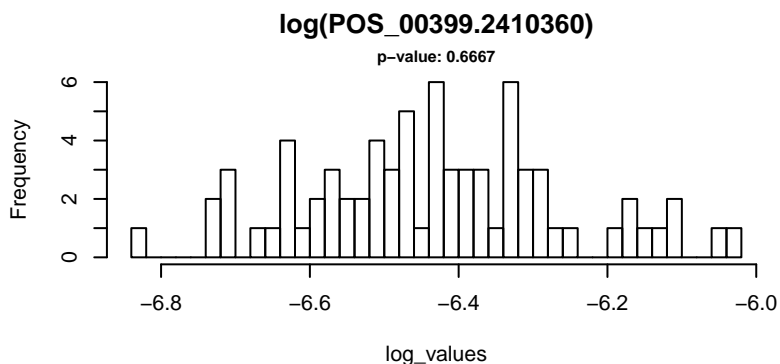
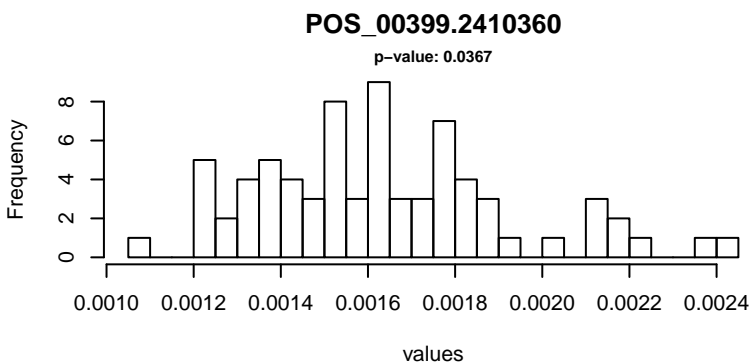


Transform not necessary



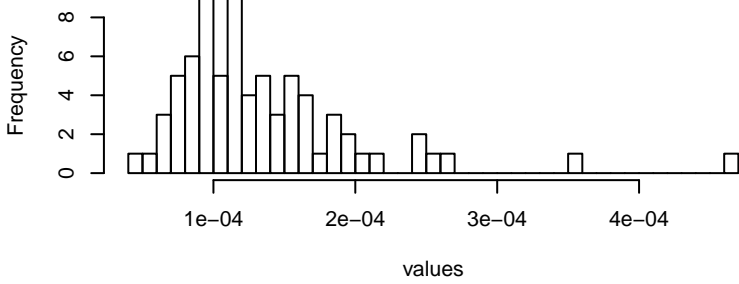


Transform not beneficial



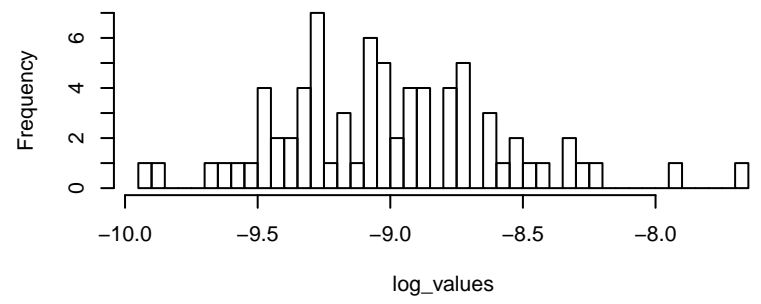
POS_00205.0641360

p-value: 0.0000

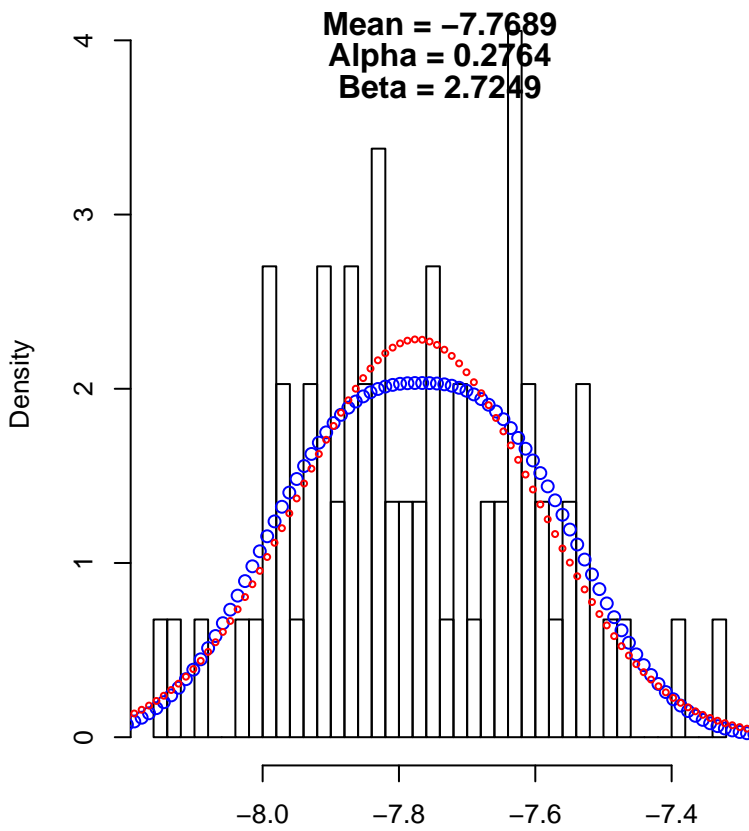


log(POS_00205.0641360)

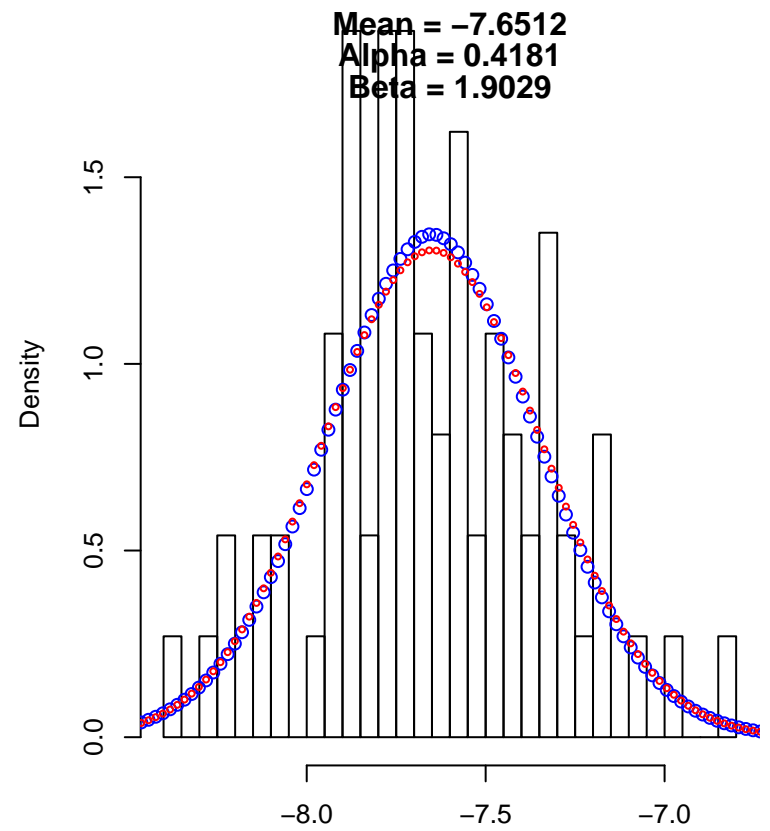
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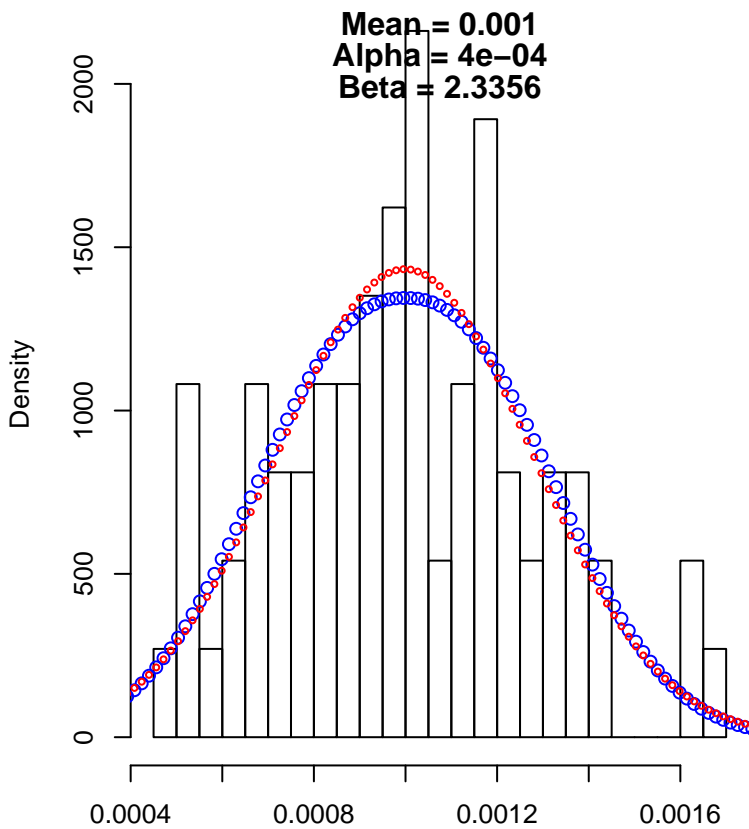
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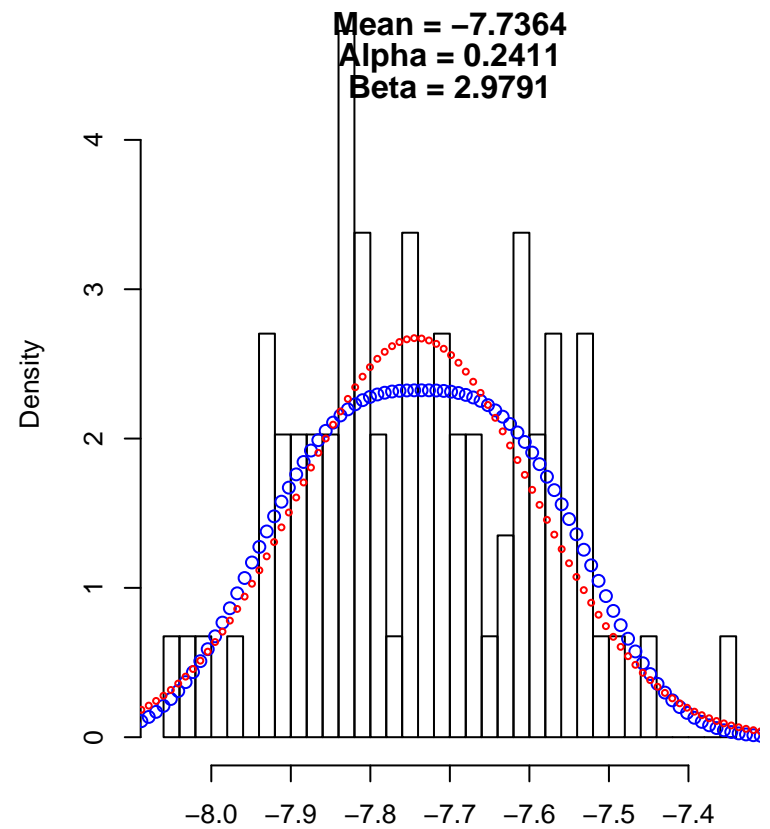
2.) log_POS_00085.0105960



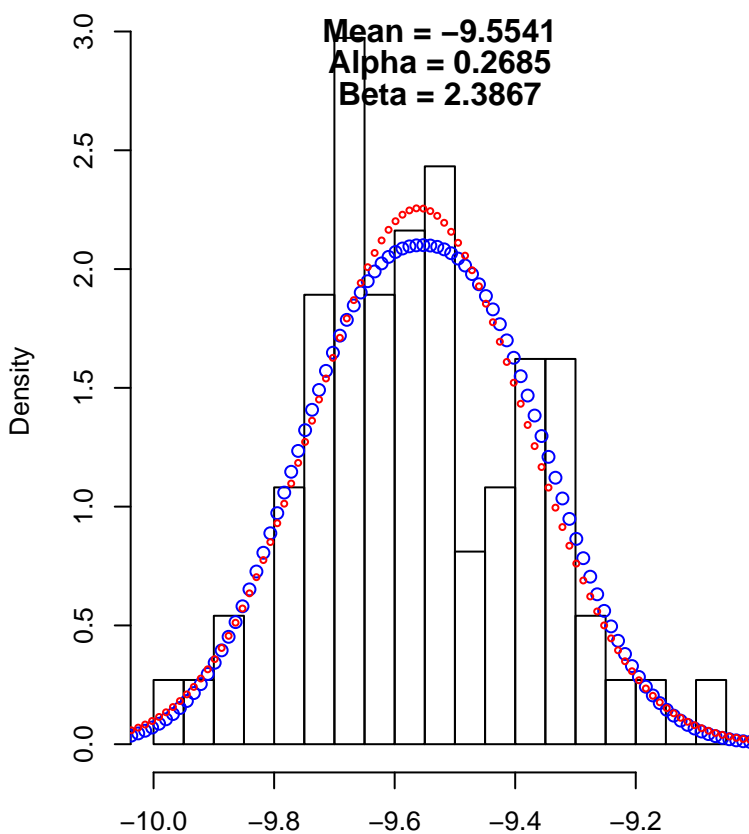
3.) POS_00172.0579960



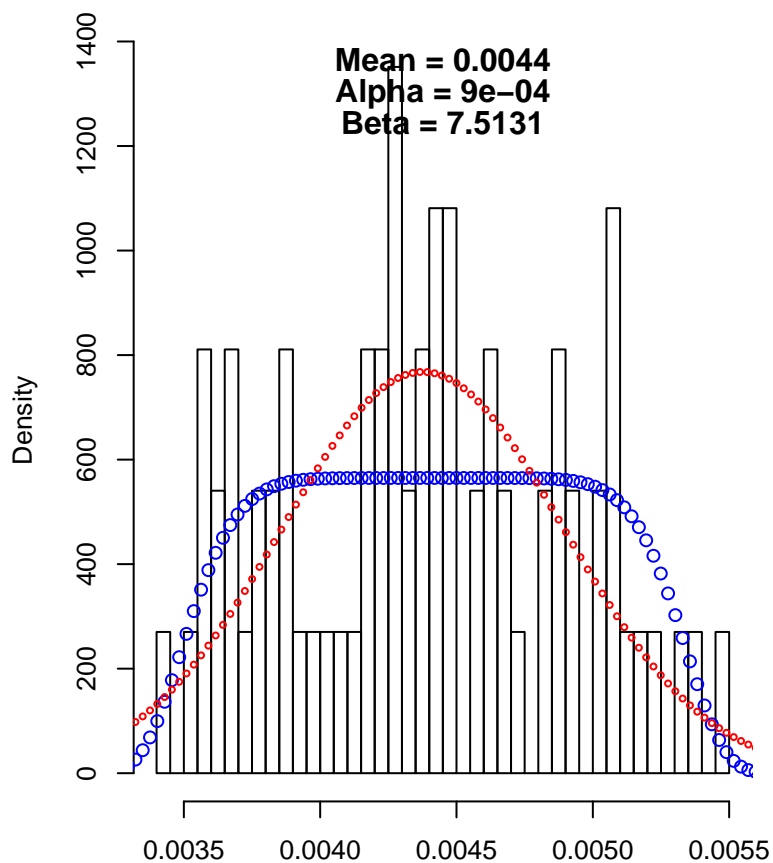
4.) log_POS_00821.5709660



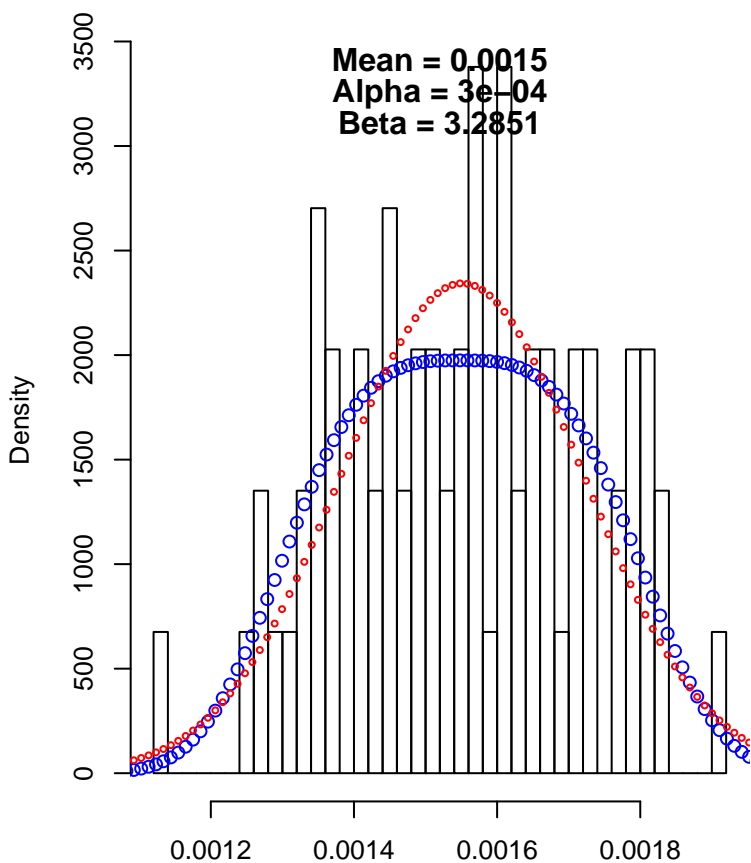
5.) log_POS_00313.1258560



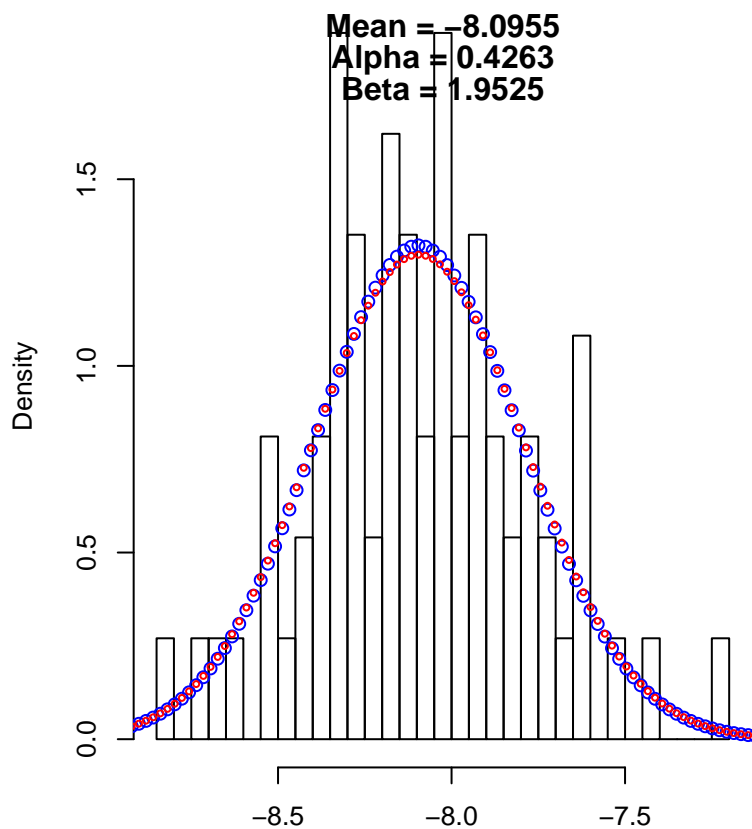
6.) sqrt_NEG_00313.0786040



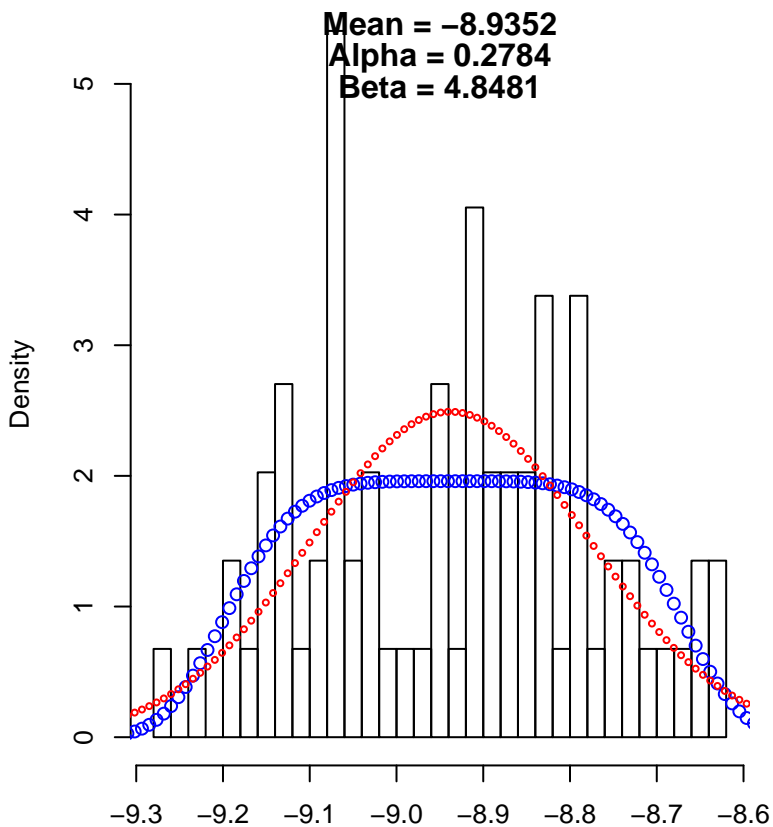
7.) POS_00137.0960460



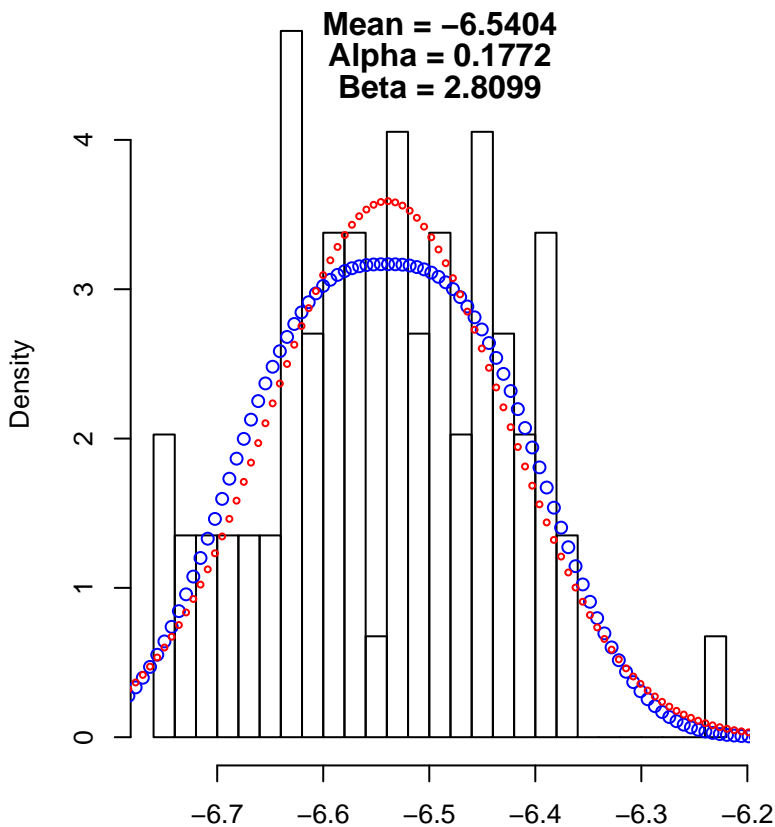
8.) log_POS_00102.0371560



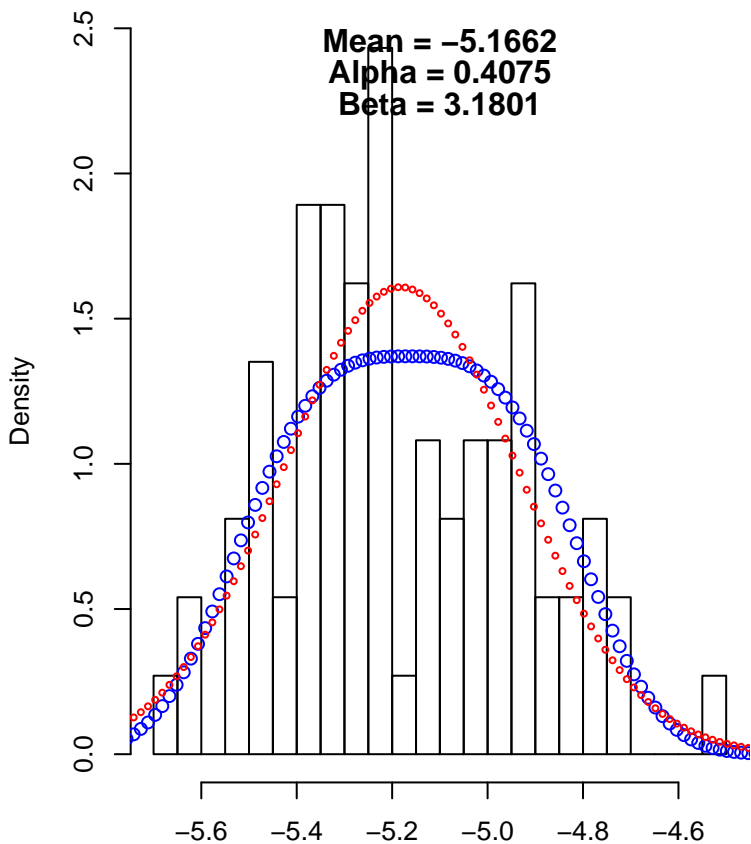
9.) log_POS_00239.0890560



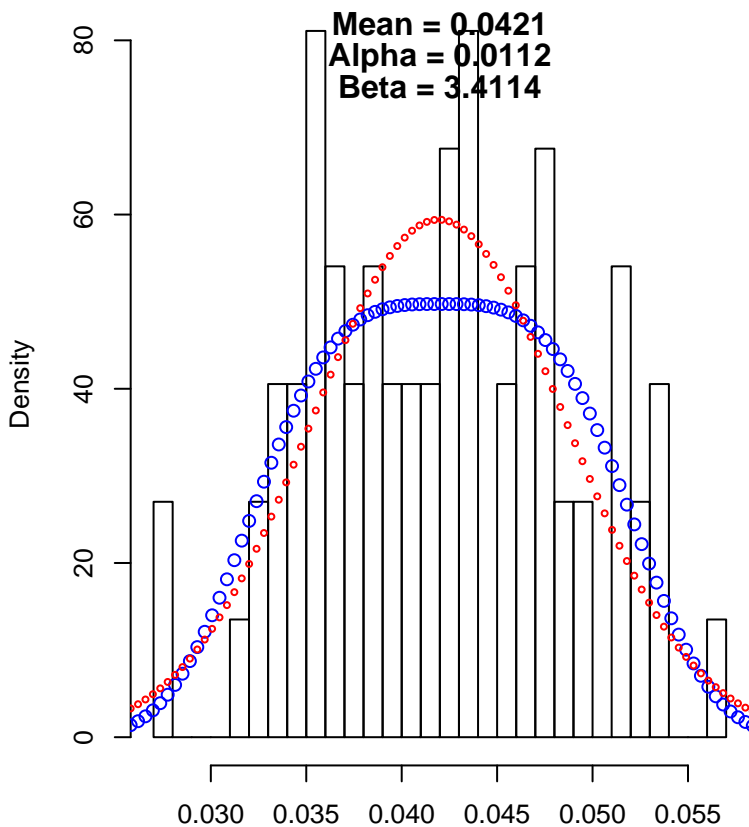
10.) log_POS_00147.0803860



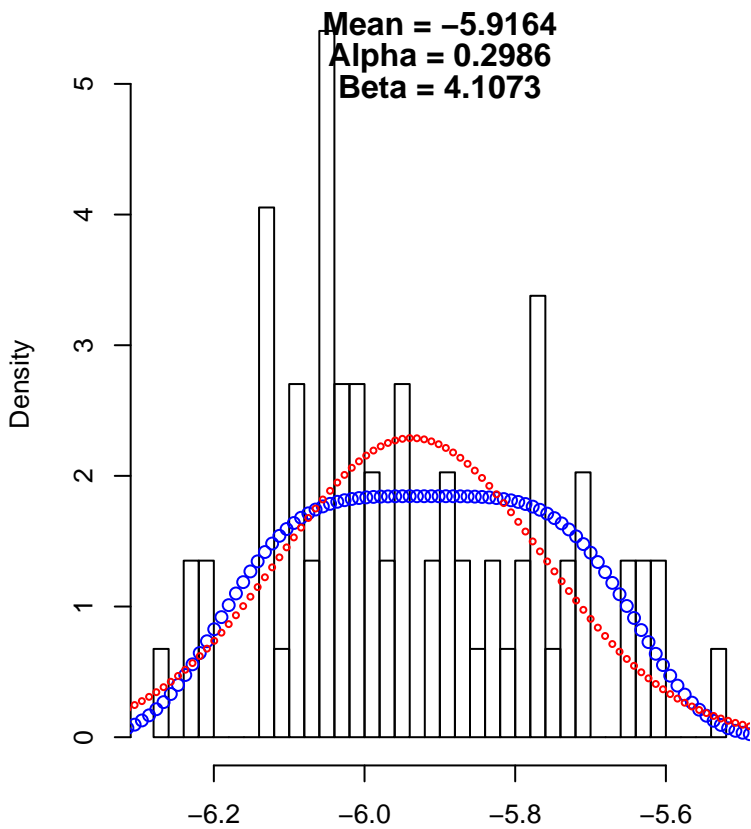
11.) log_NEG_00792.8592540



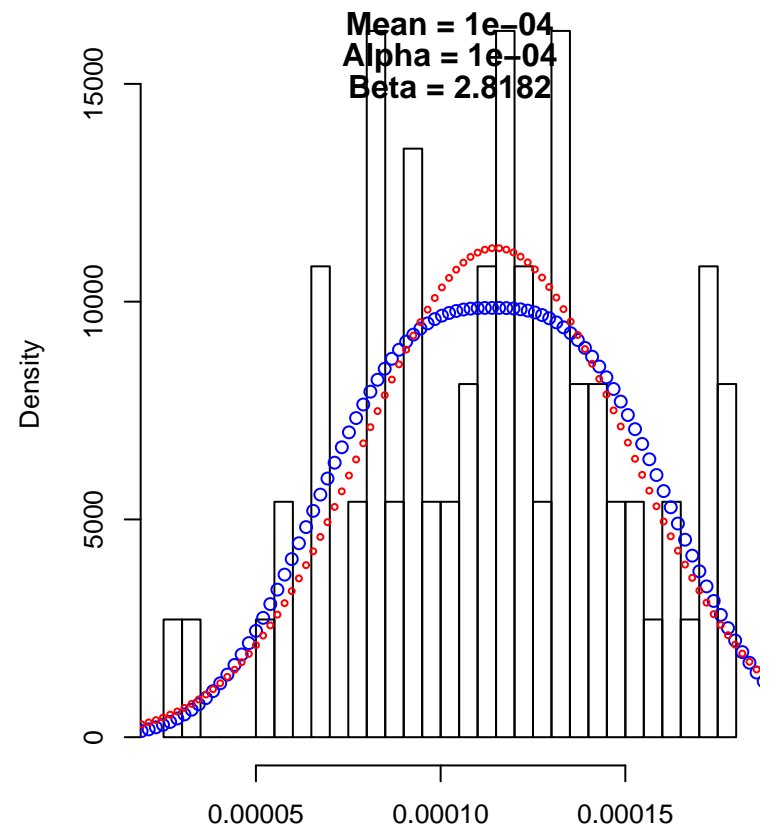
12.) sqrt_NEG_01518.7387440



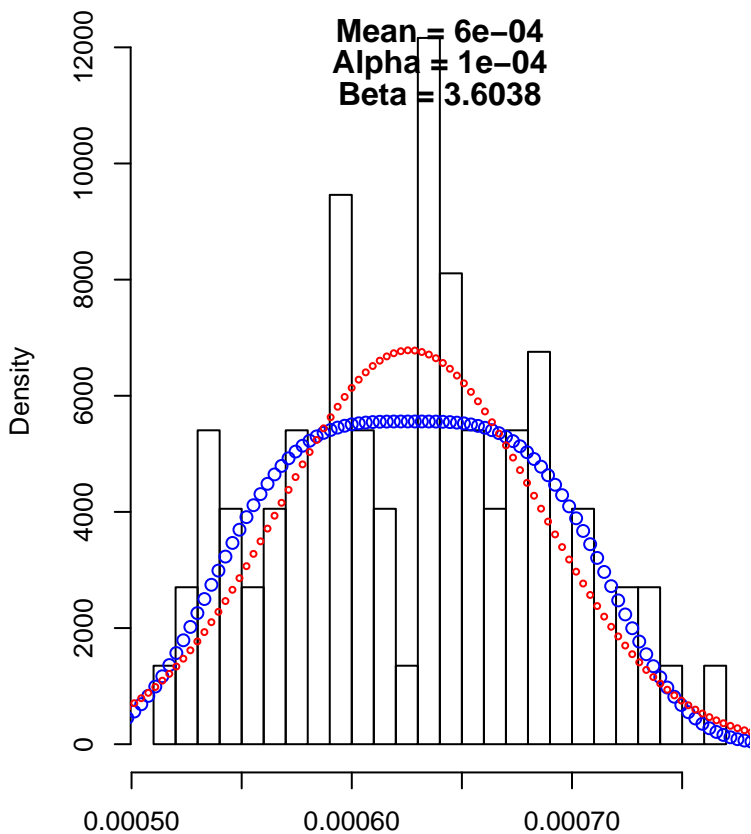
13.) log_POS_00329.1747860



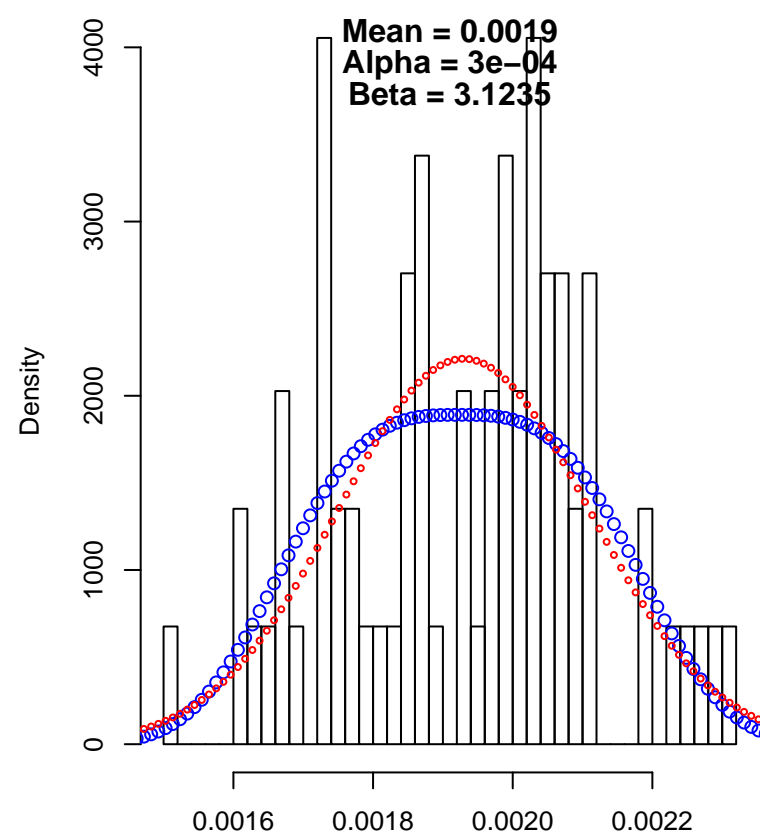
14.) POS_00261.6368360



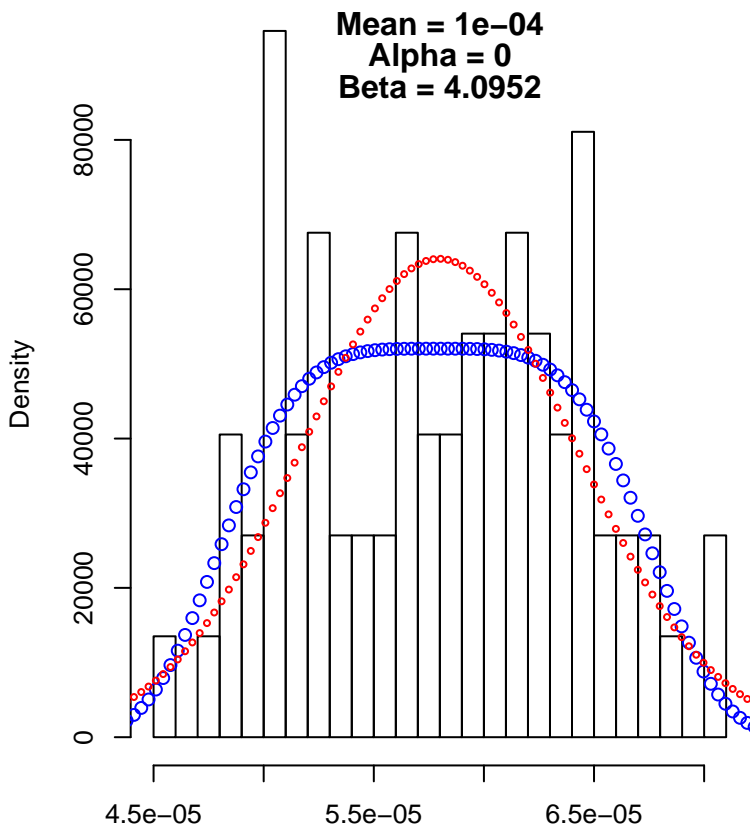
15.) POS_00131.0702260



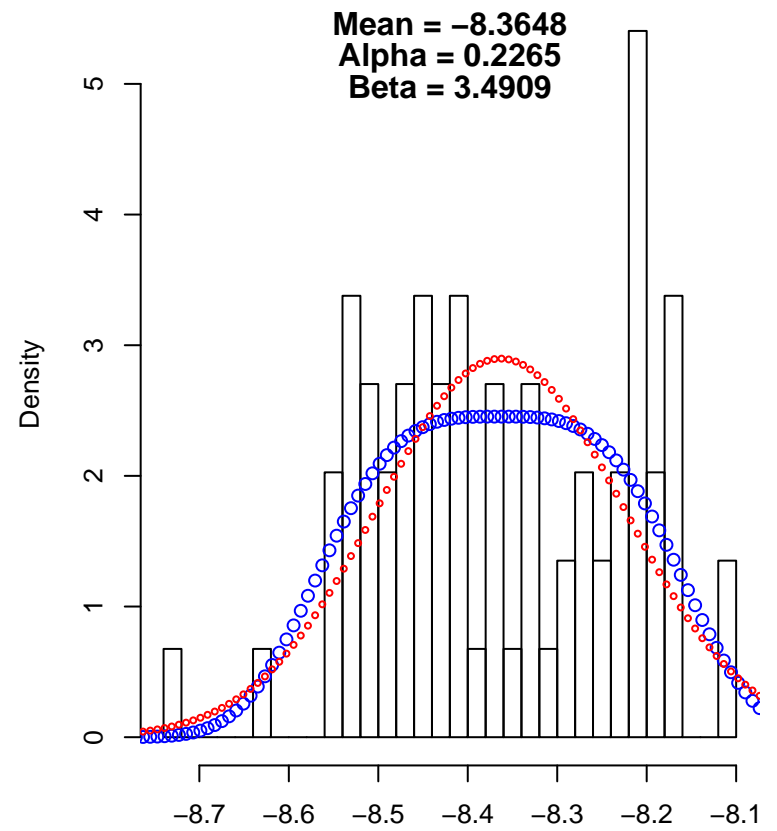
16.) POS_00193.1070560



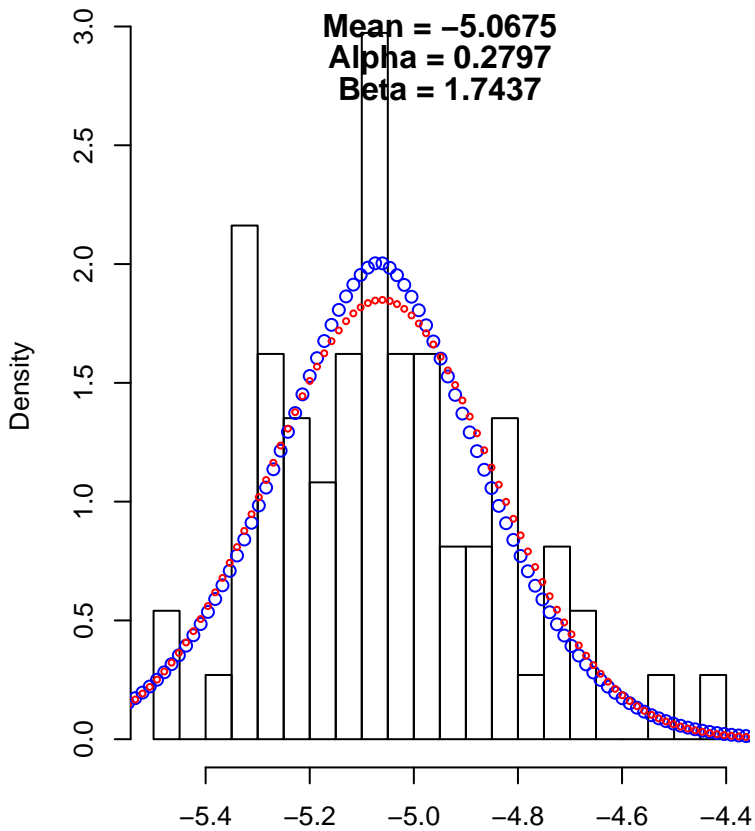
17.) orig_POS_00337.1470860



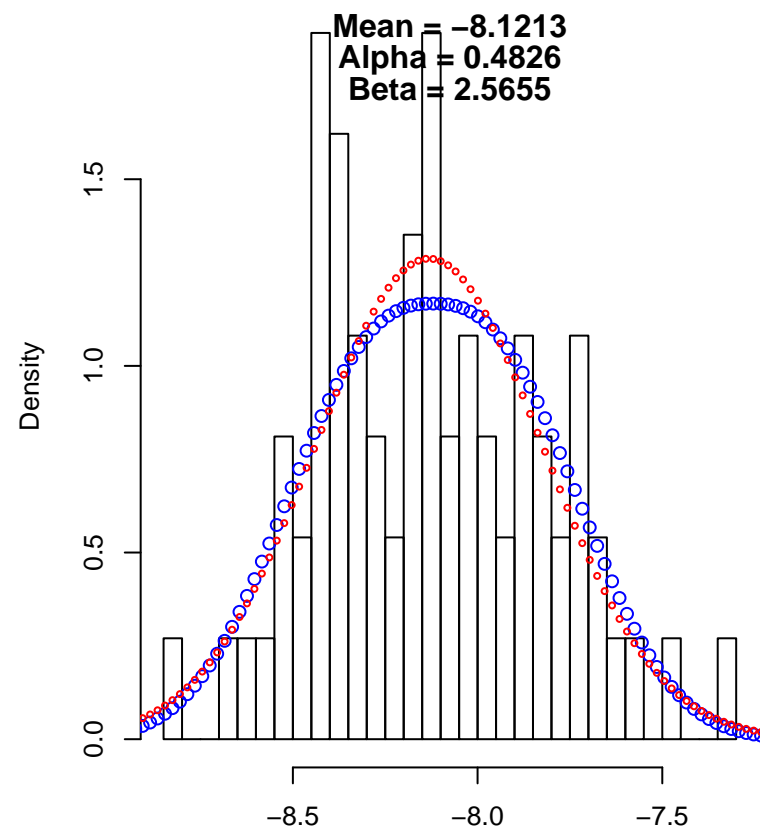
18.) log_POS_00103.0389160



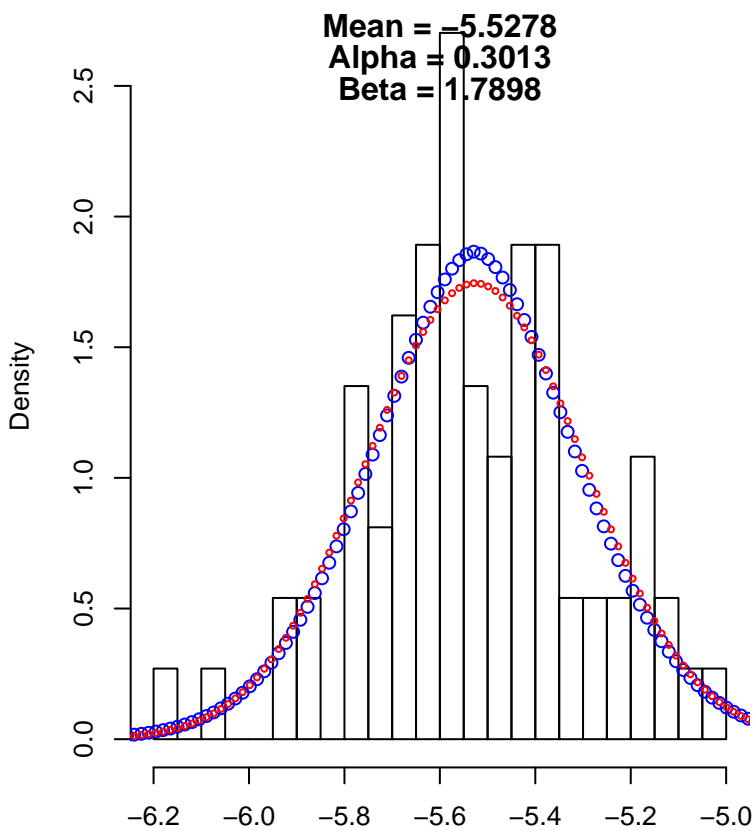
19.) log_POS_00679.4114760



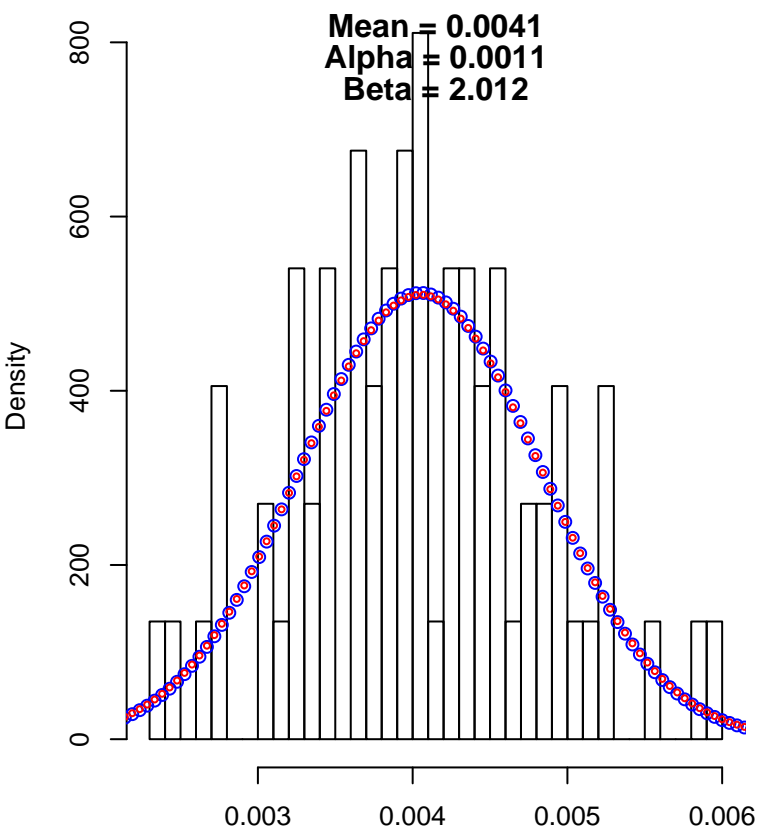
20.) log_NEG_01246.7890140



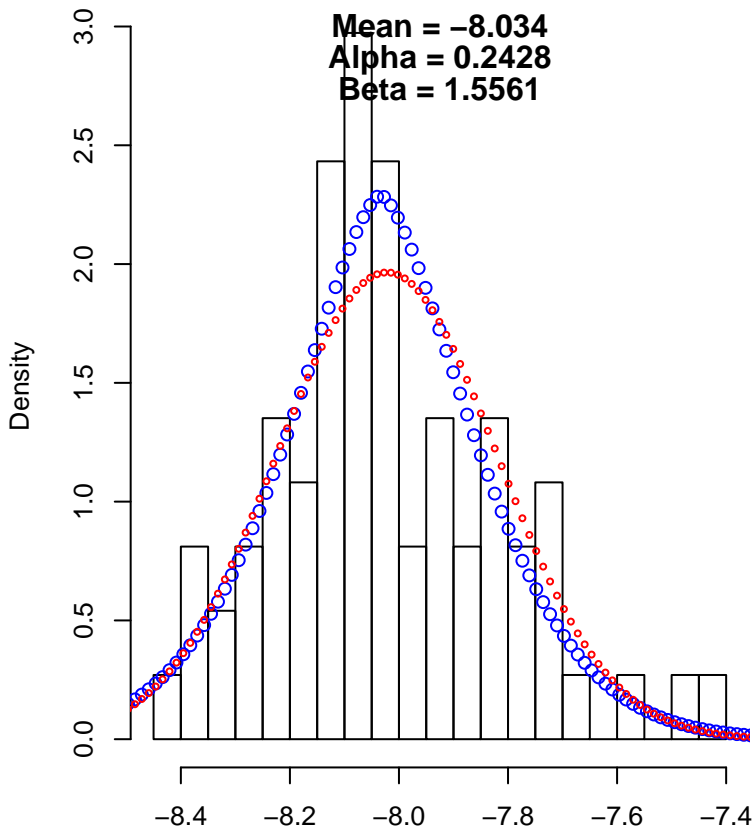
21.) log_NEG_00468.8968340



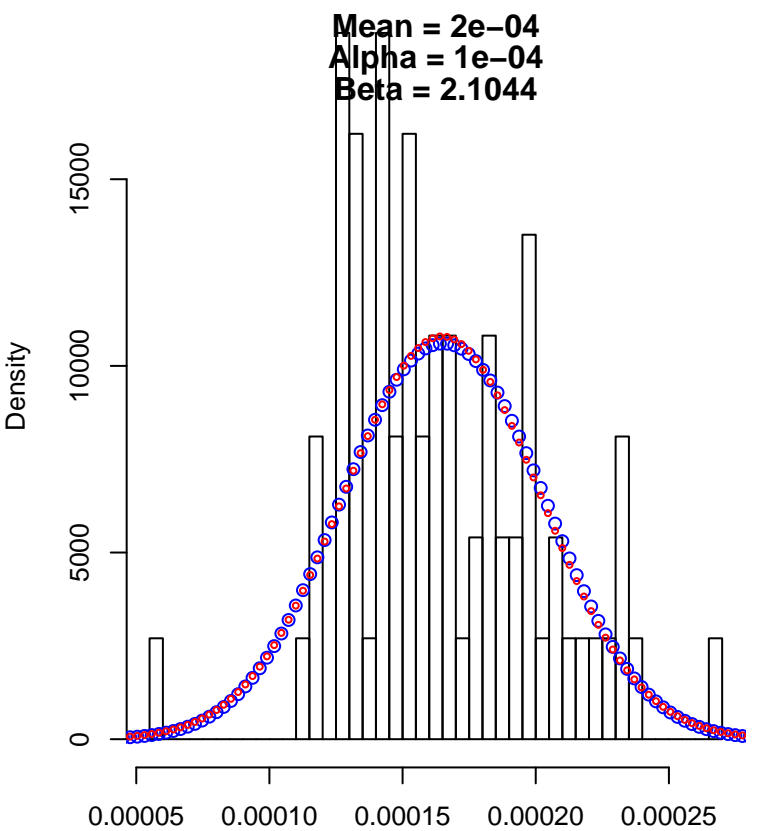
22.) sqrt_NEG_00165.0409140



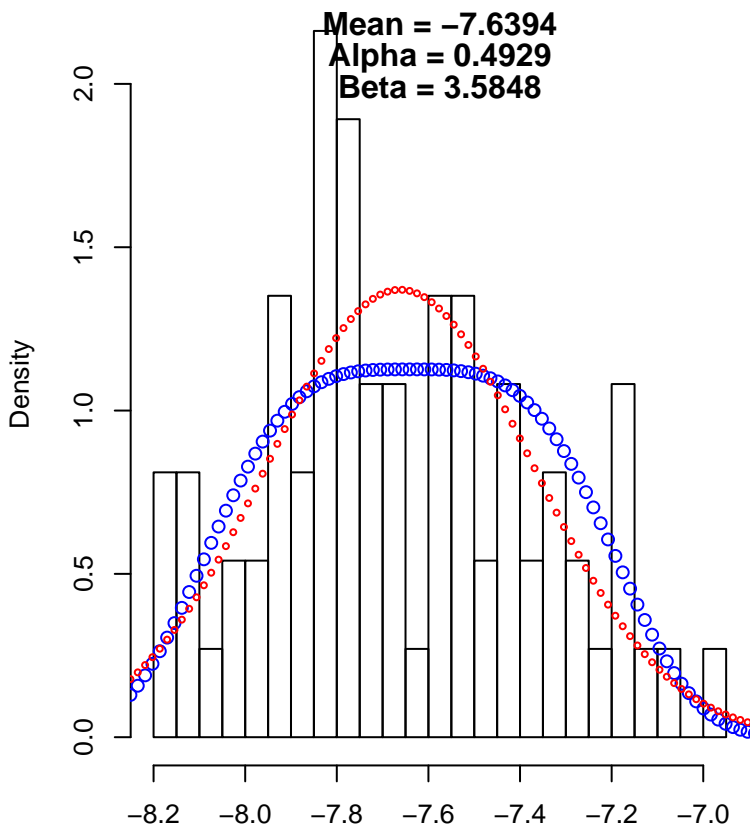
23.) log_NEG_00298.9654040



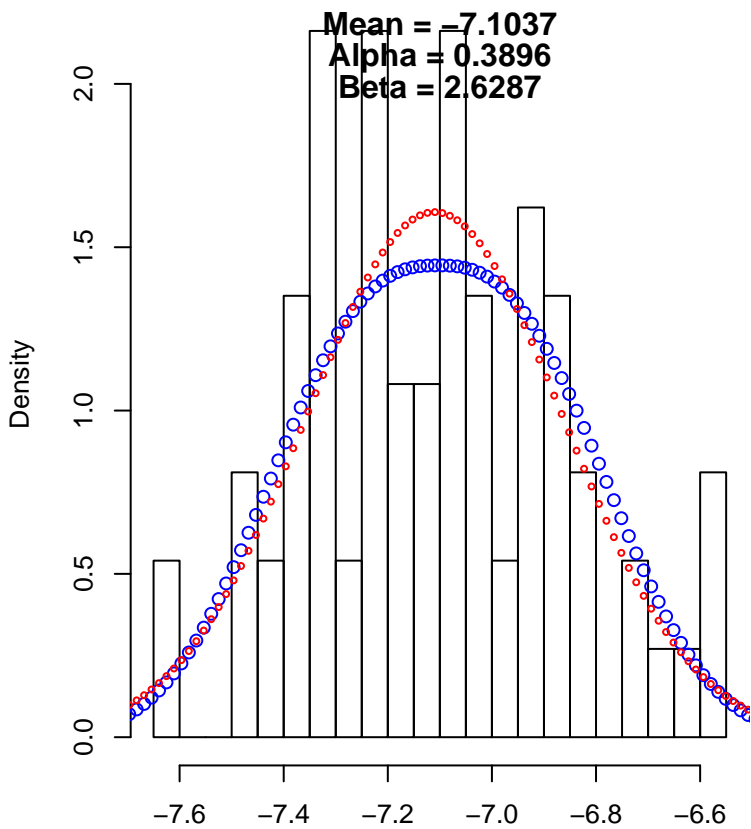
24.) orig_POS_00155.9770360



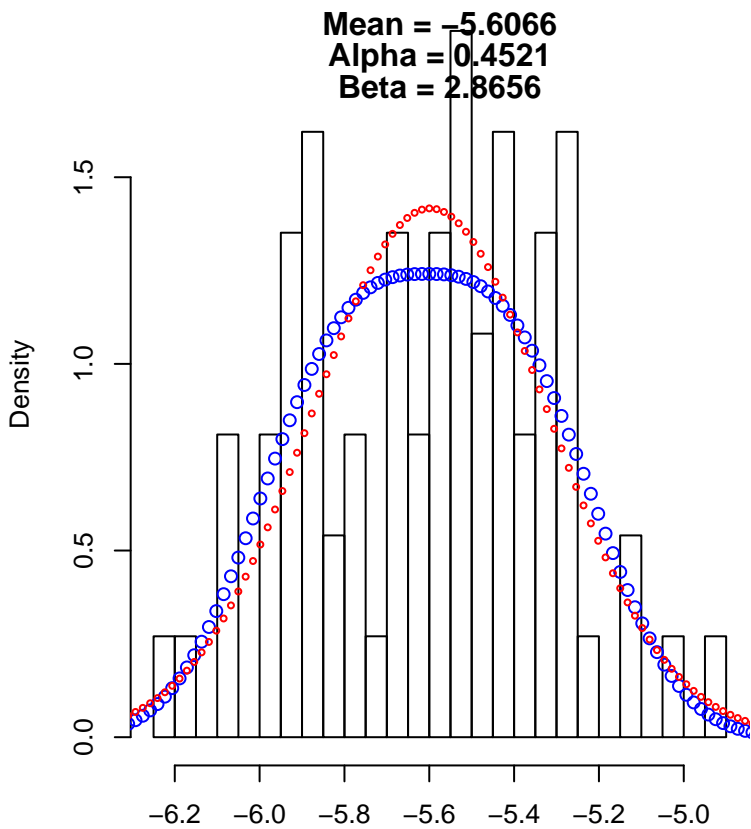
25.) log_NEG_00725.3738740



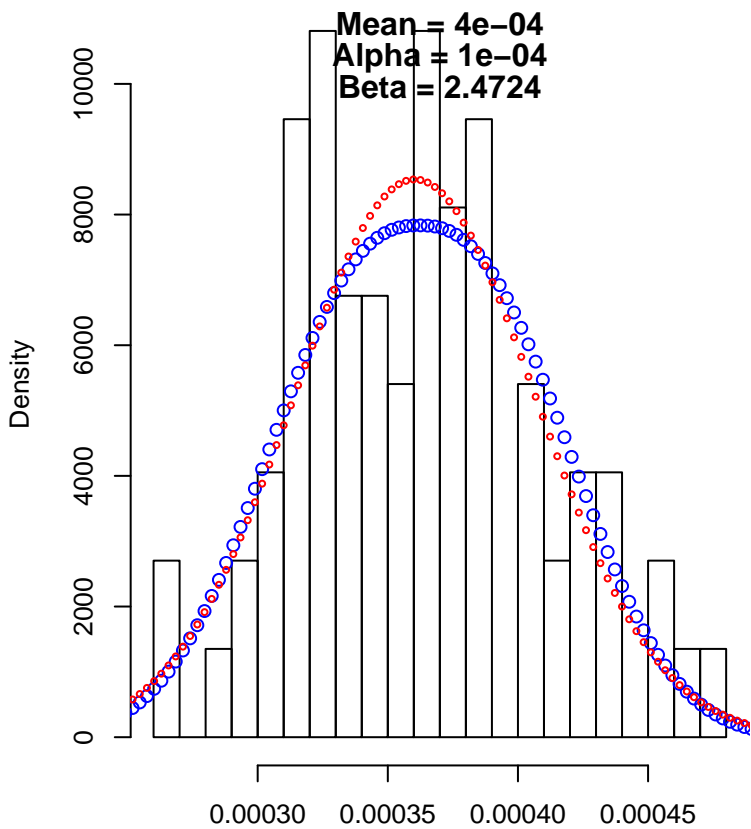
26.) log_NEG_01588.7316040



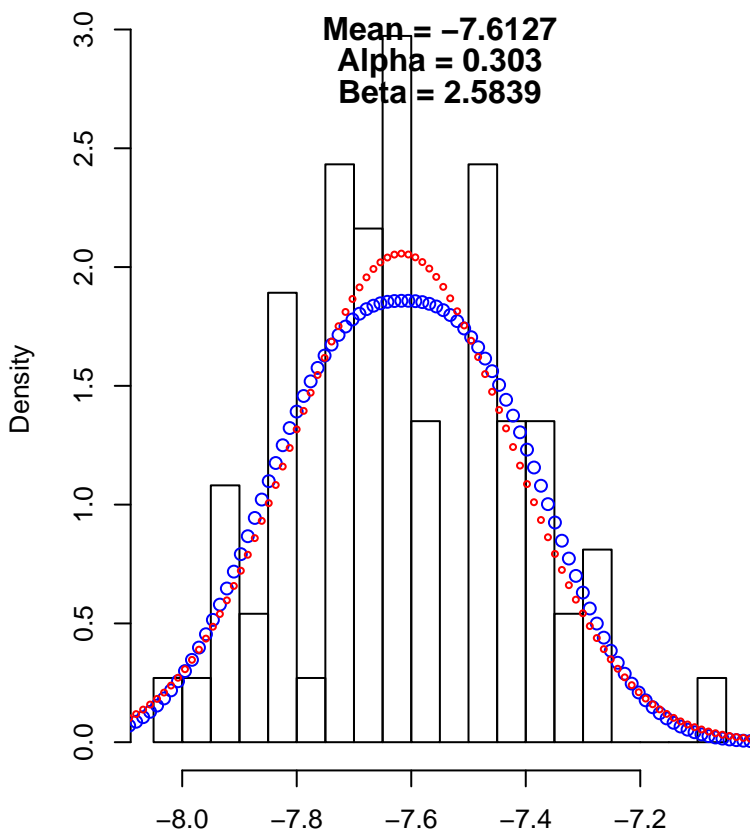
27.) log_NEG_00441.6821040



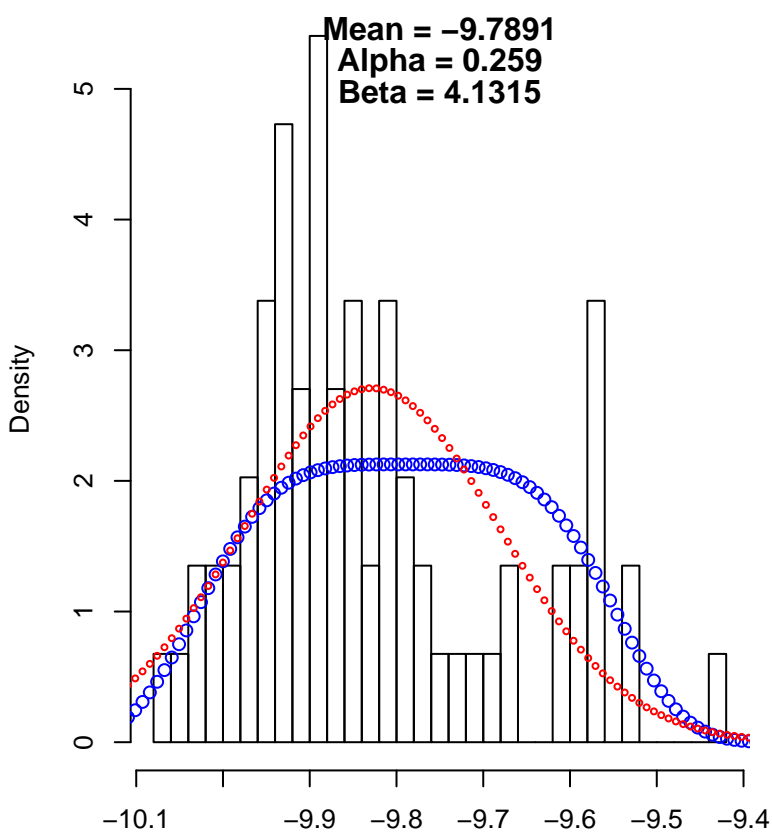
28.) POS_00119.0855060



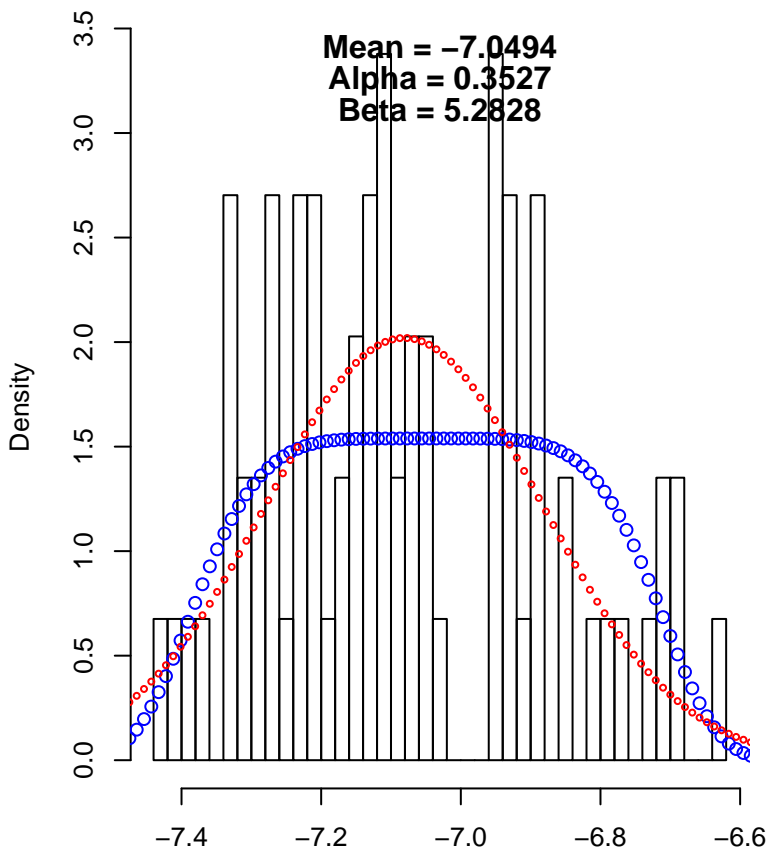
29.) log_POS_00196.0447260



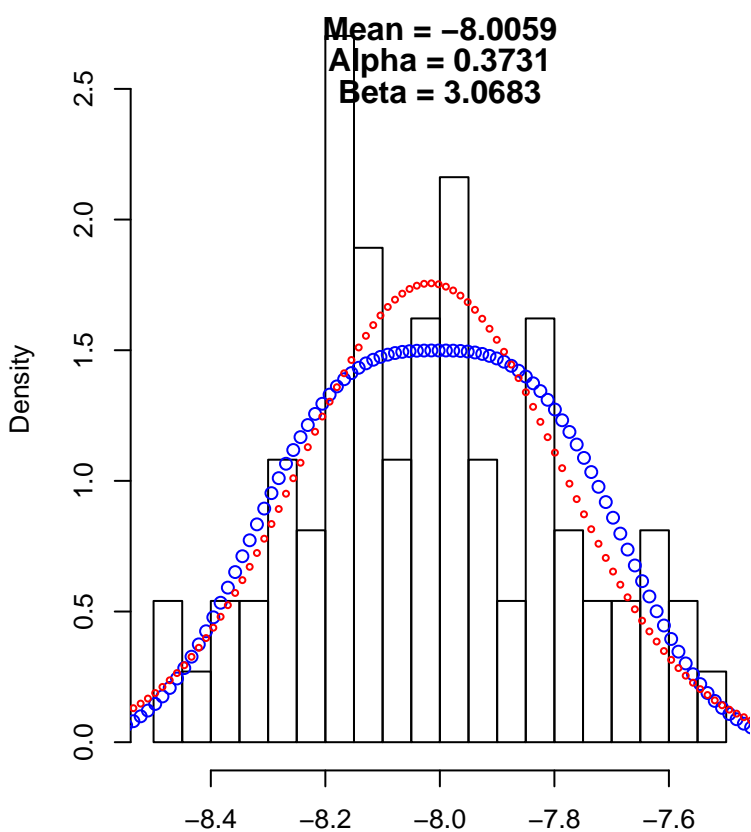
30.) log_POS_00092.0674360



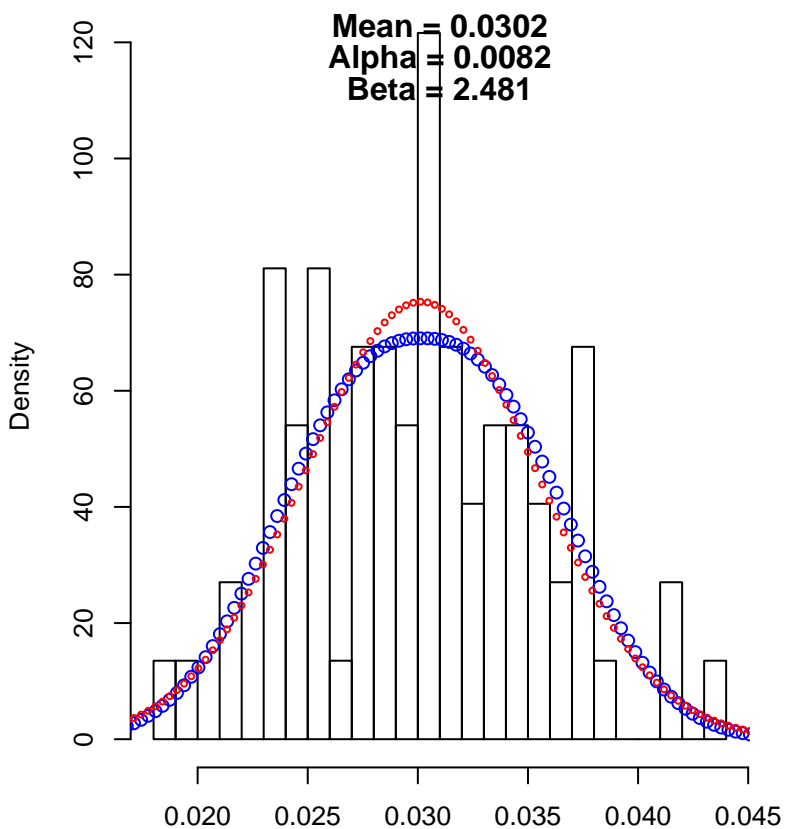
31.) log_POS_00224.0760360



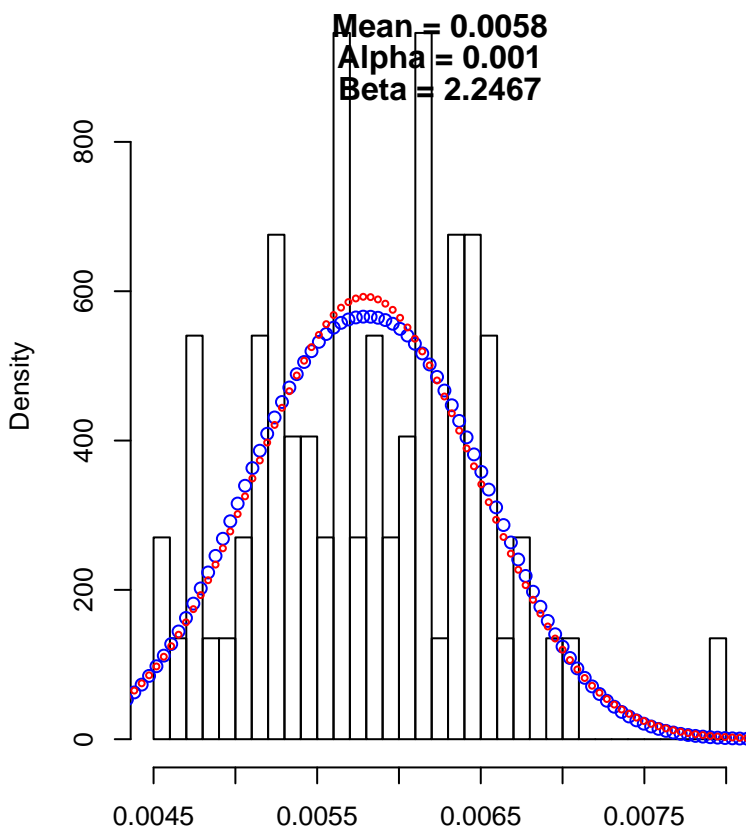
32.) log_NEG_00620.8451040



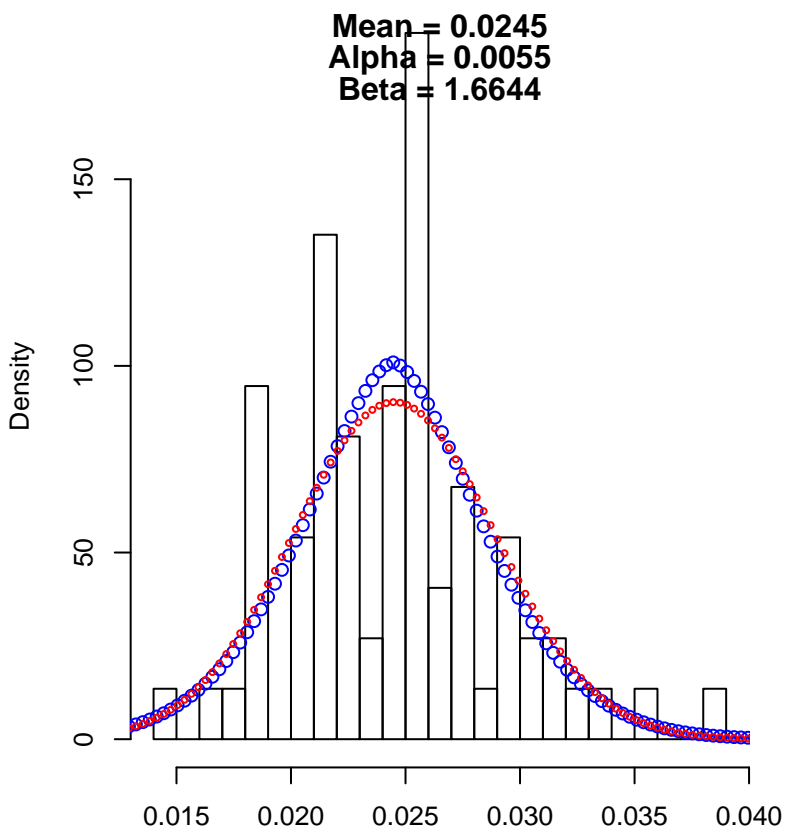
33.) sqrt_POS_00264.0762760



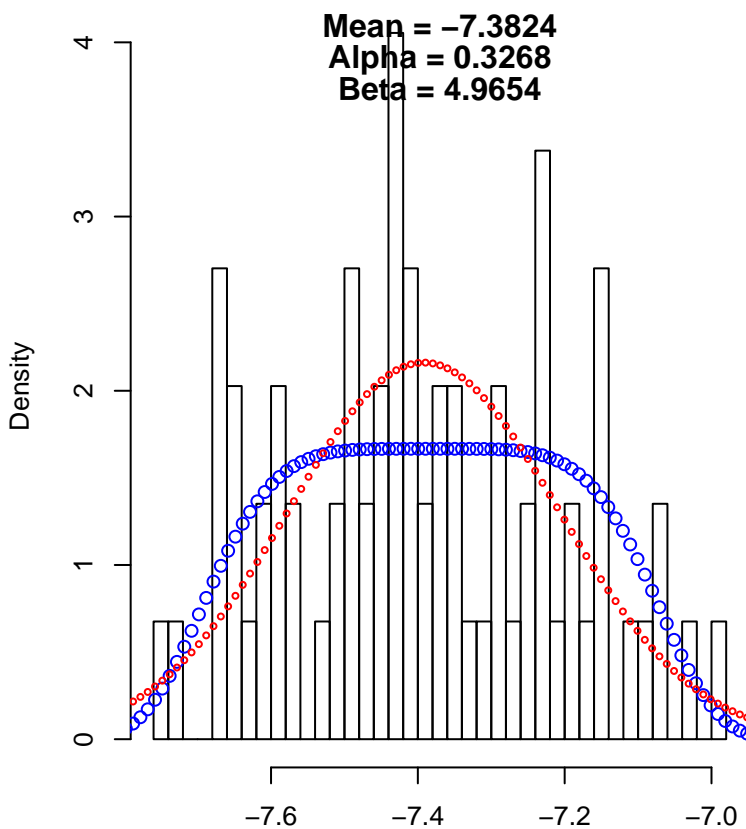
34.) POS_00313.1799660



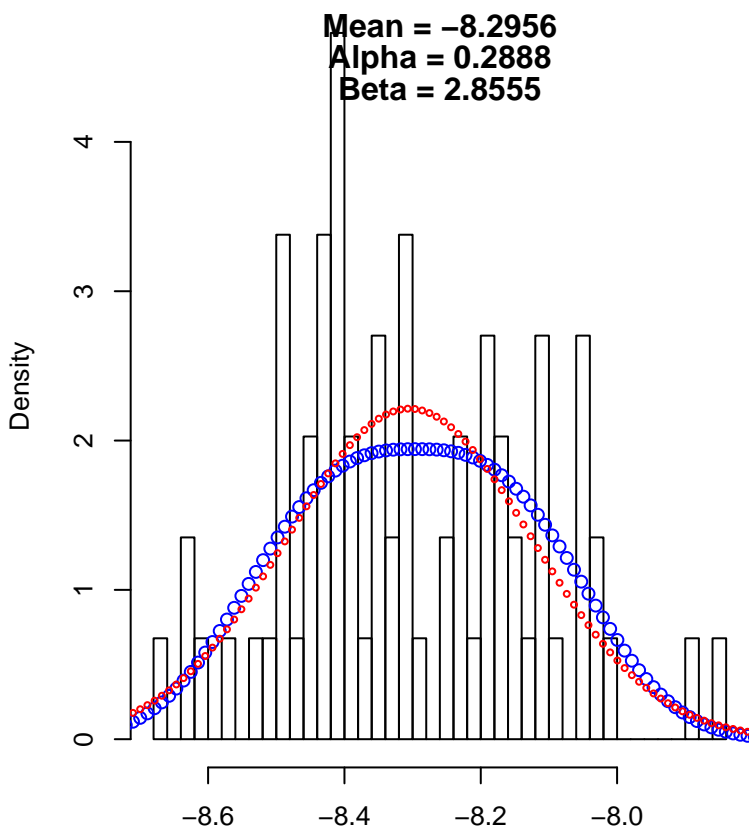
35.) NEG_00161.0456240



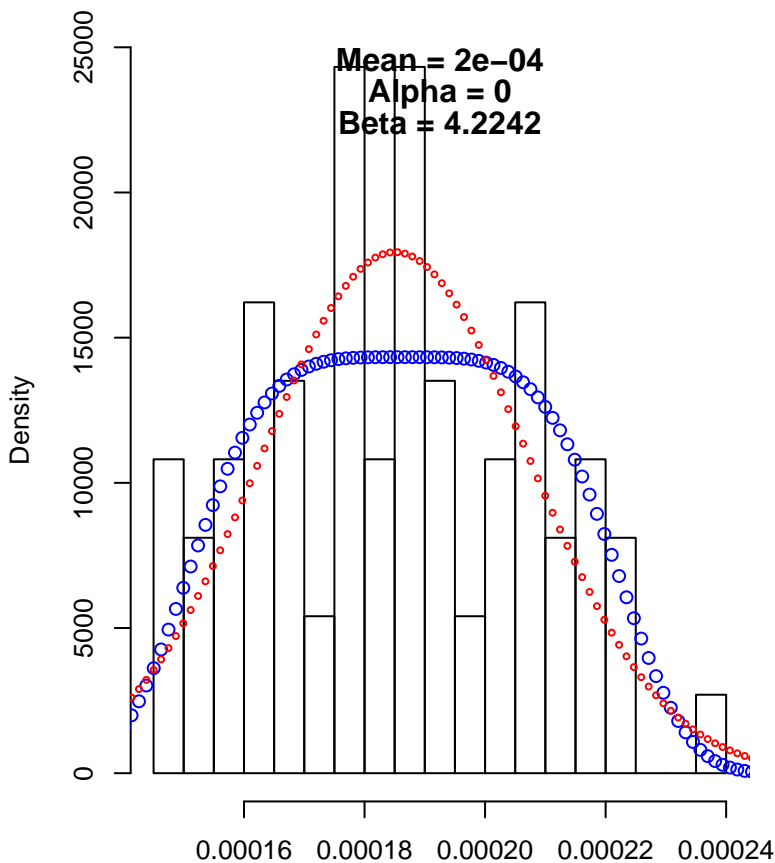
36.) log_POS_00187.0729260



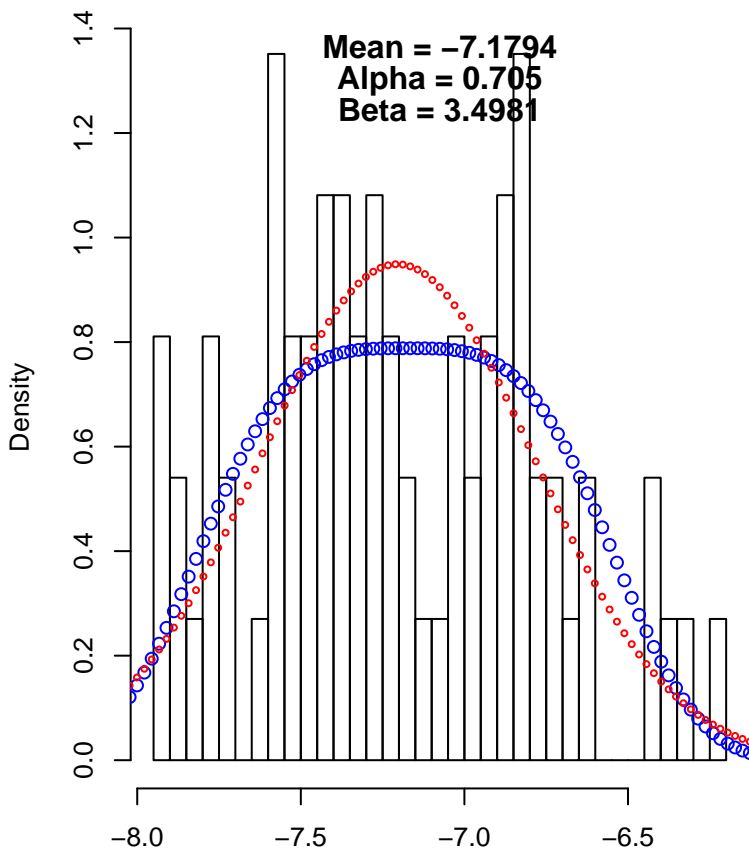
37.) log_POS_00283.1304860



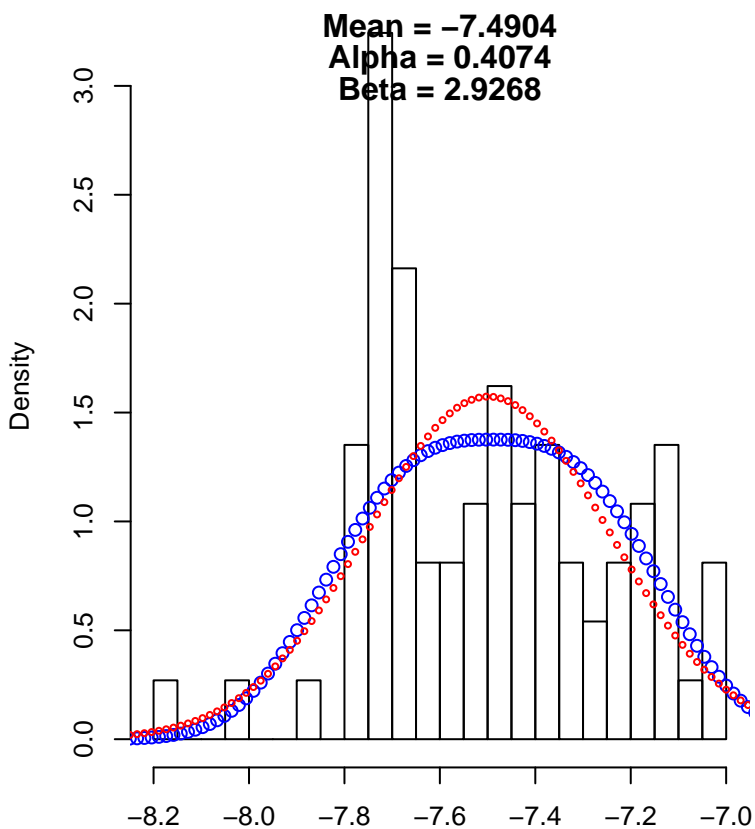
38.) POS_00195.1226860



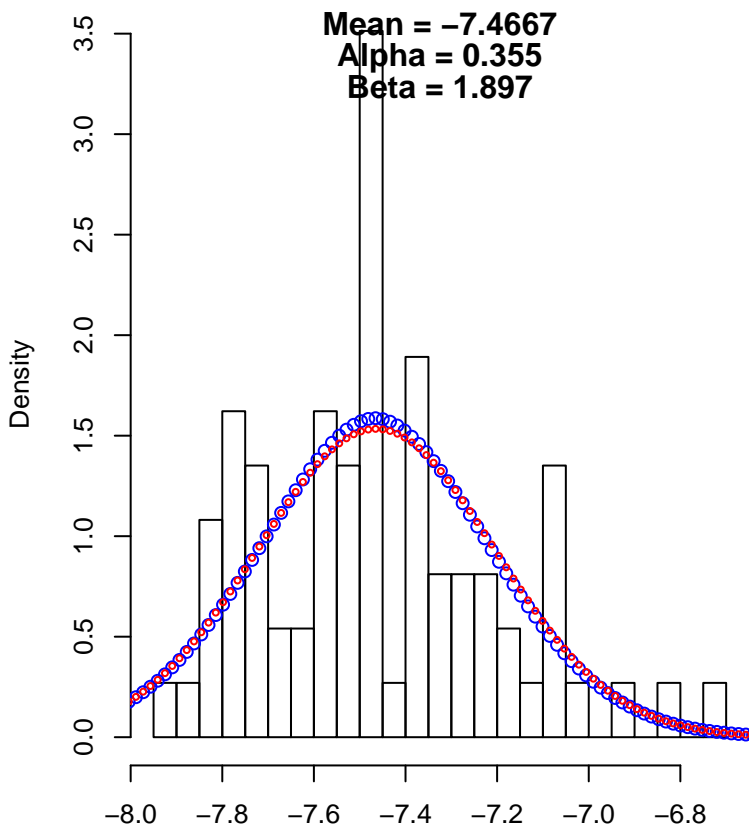
39.) log_POS_00083.0213860



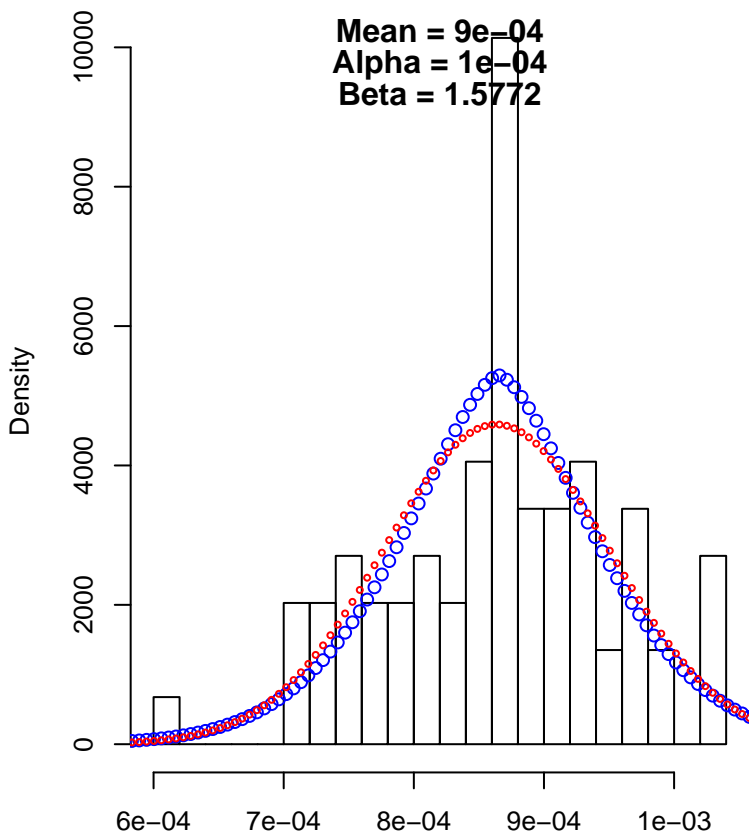
40.) log_NEG_00658.8890940



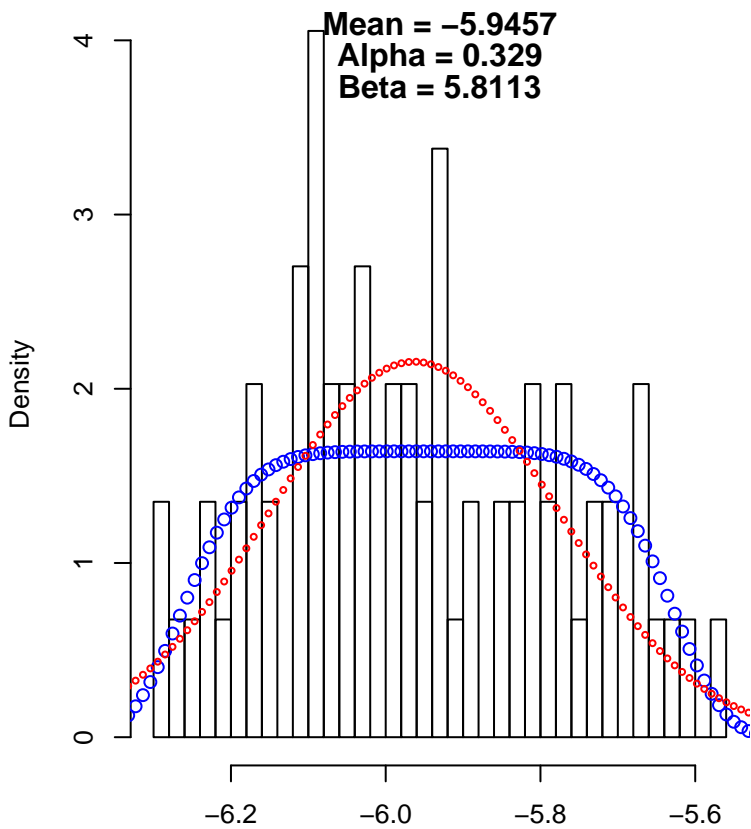
41.) log_POS_00657.3671760



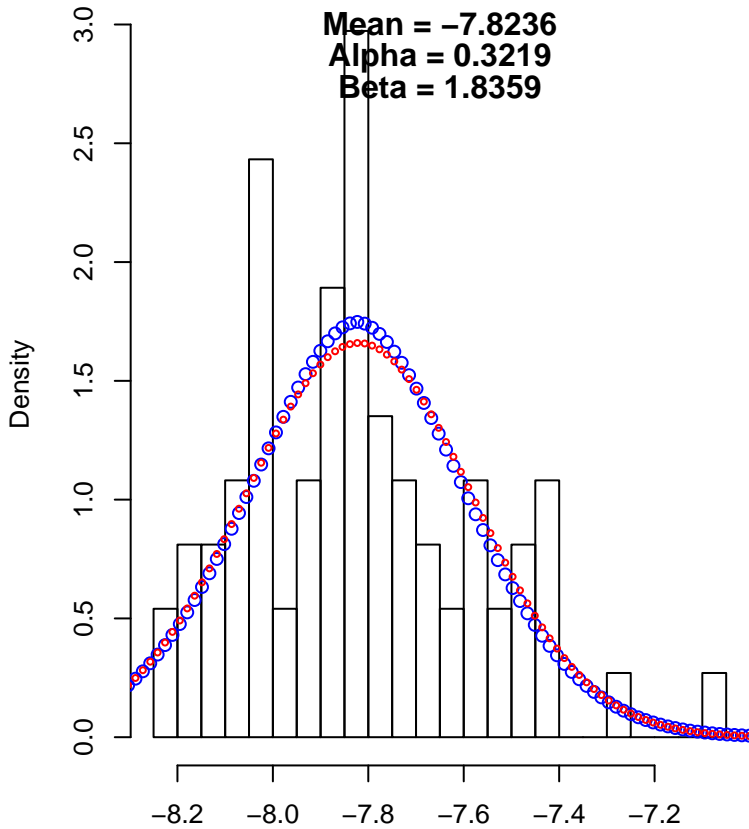
42.) POS_00151.0964260



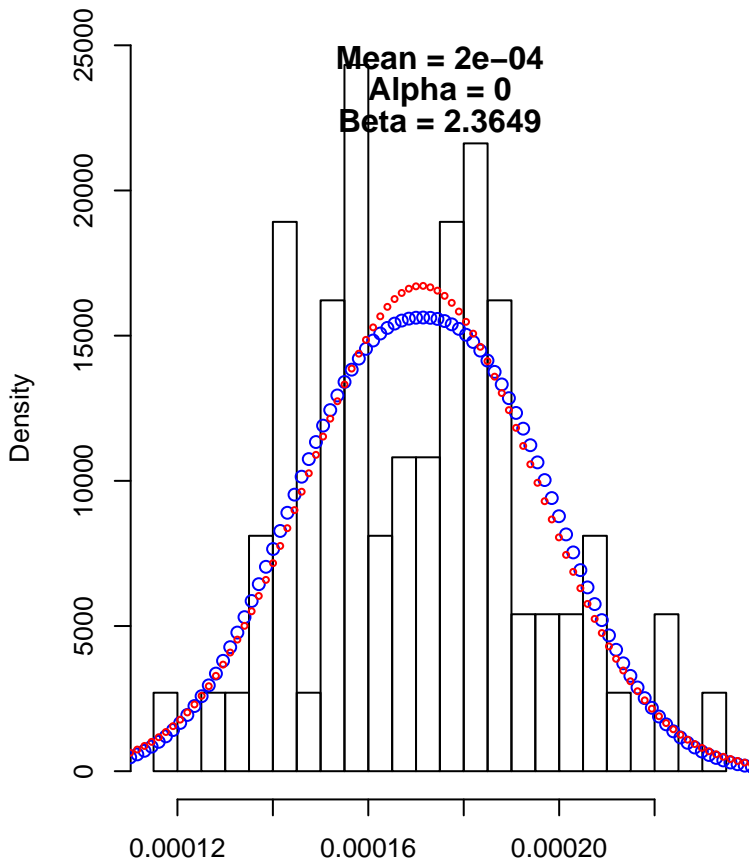
43.) log_POS_00311.1642260



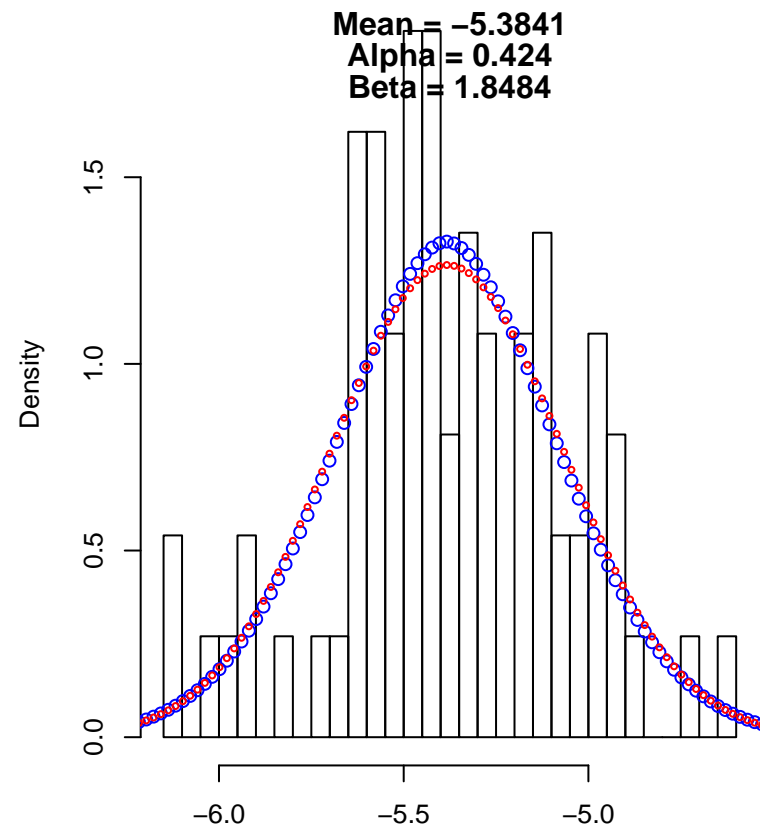
44.) log_POS_00701.3935260



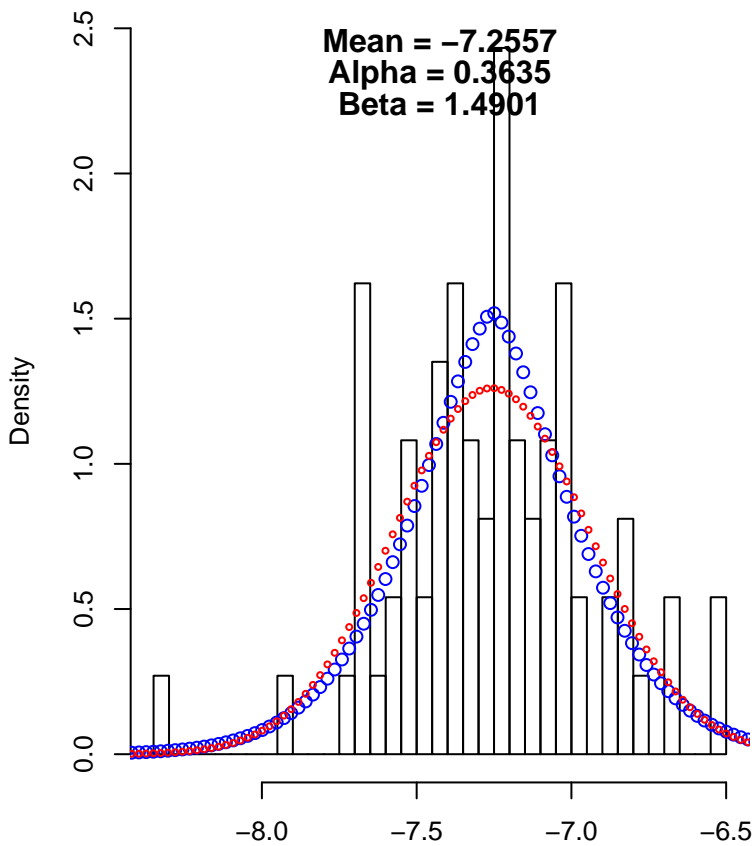
45.) POS_00245.1383360



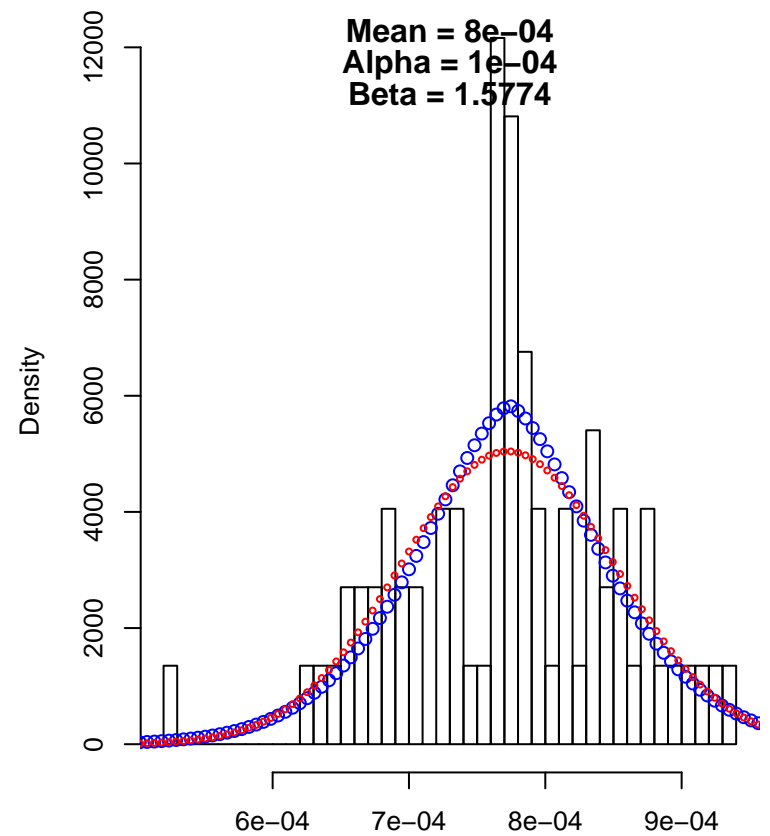
46.) log_NEG_01586.7261640



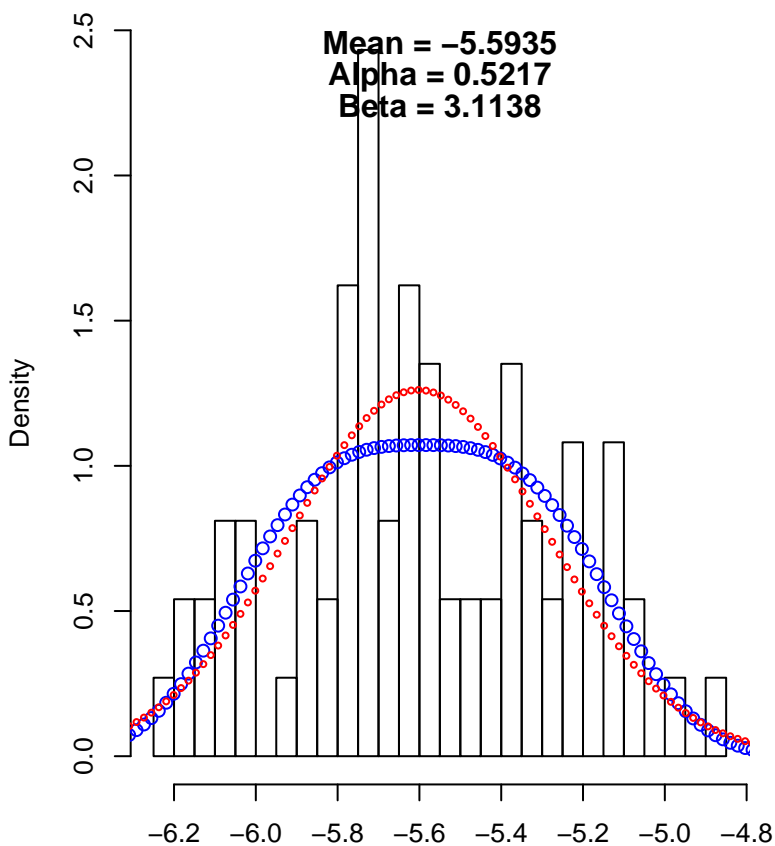
47.) log_NEG_00328.9862140



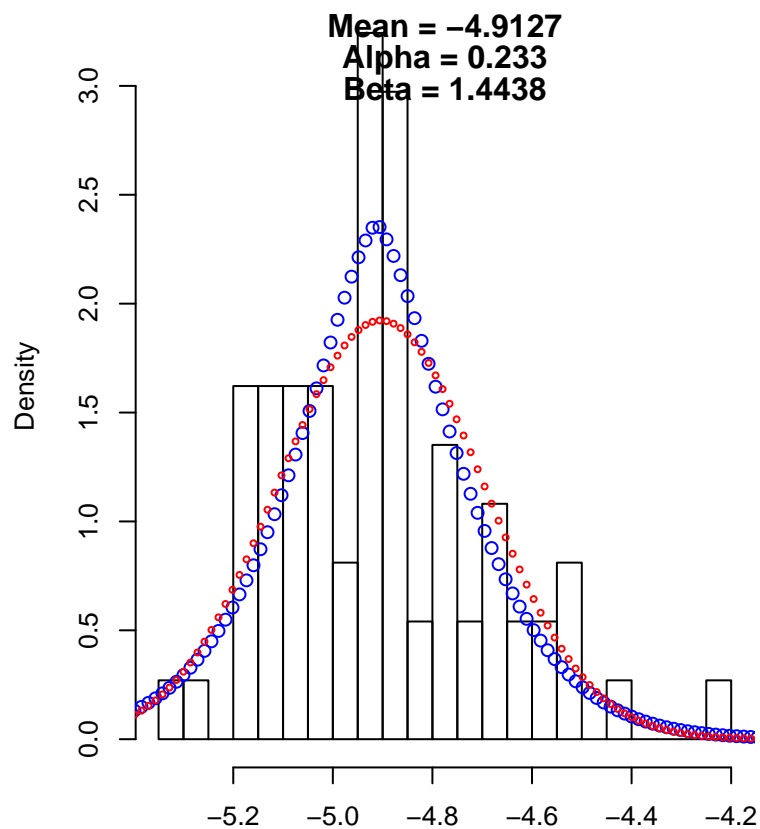
48.) POS_00133.0858760



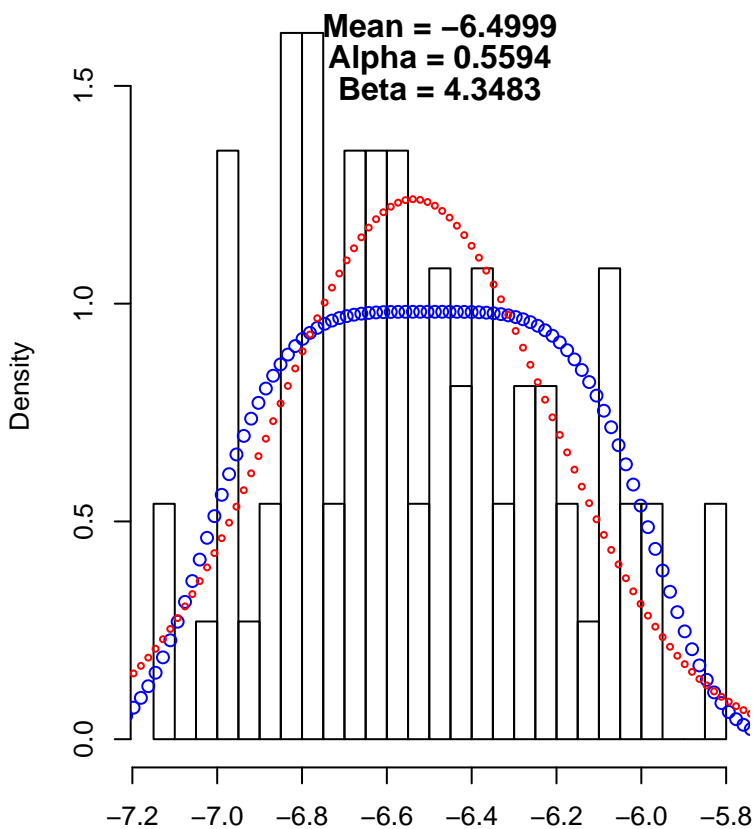
49.) log_NEG_00313.1132340



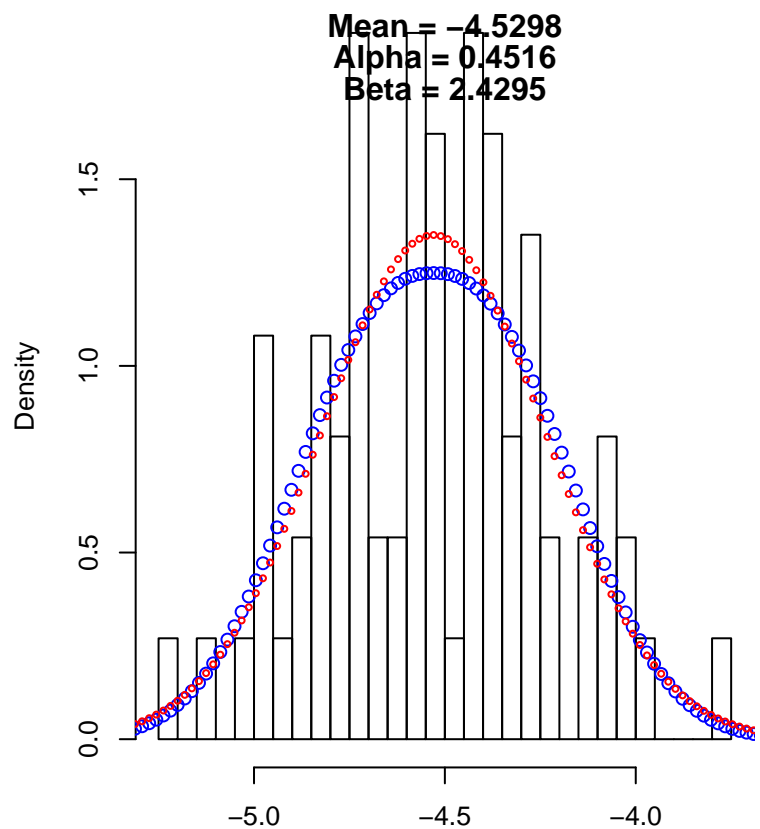
50.) log_POS_00696.4380160



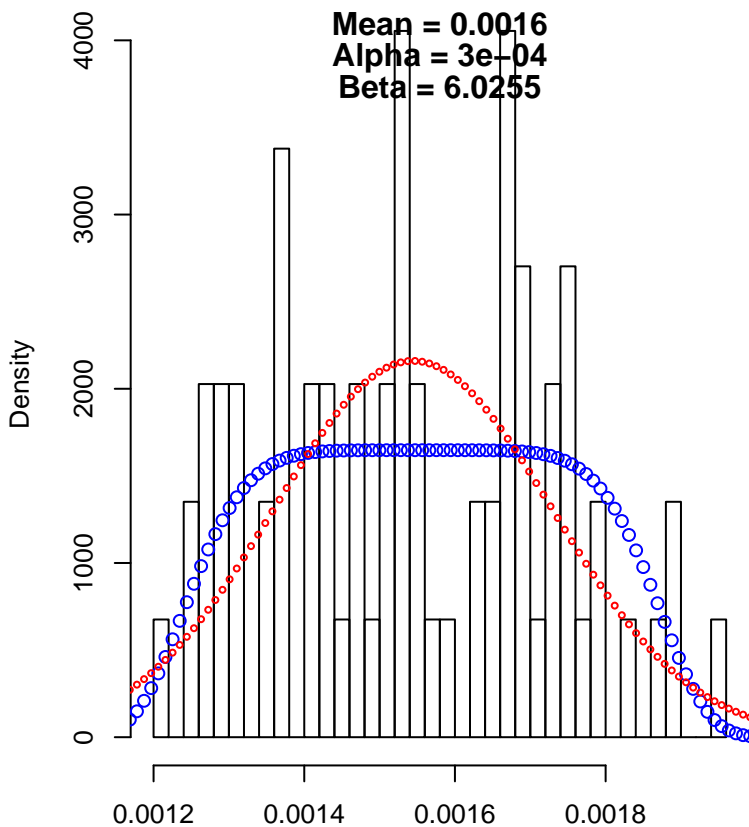
51.) log_NEG_01382.7640140



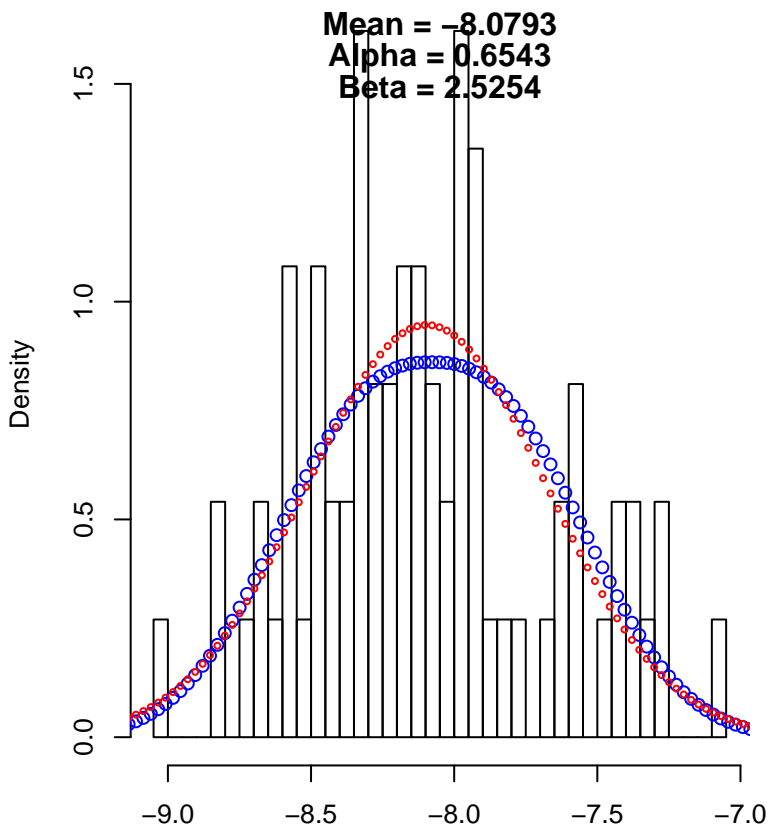
52.) log_POS_00383.1031960



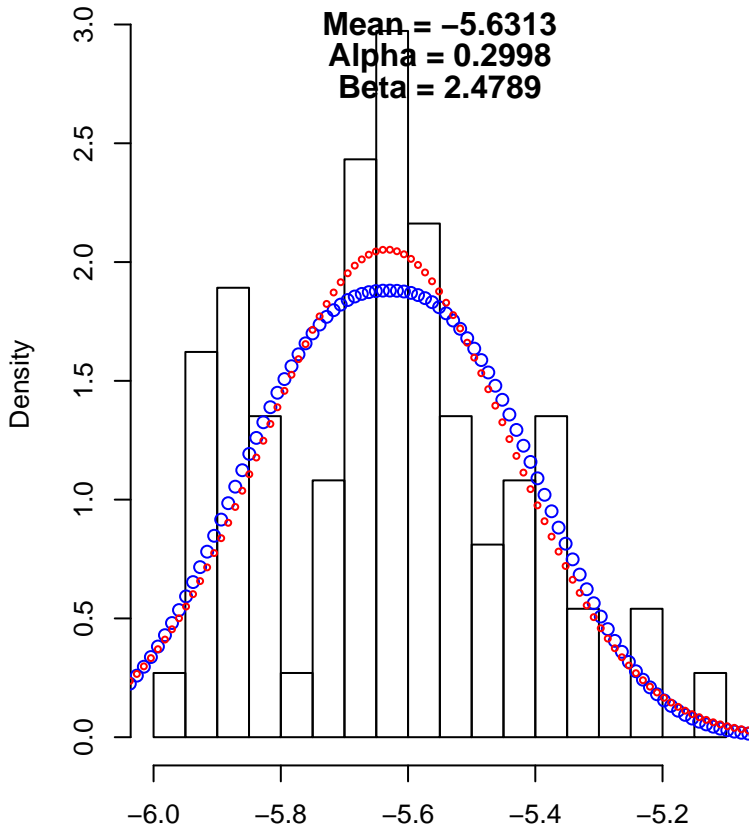
53.) orig_POS_00165.0909860



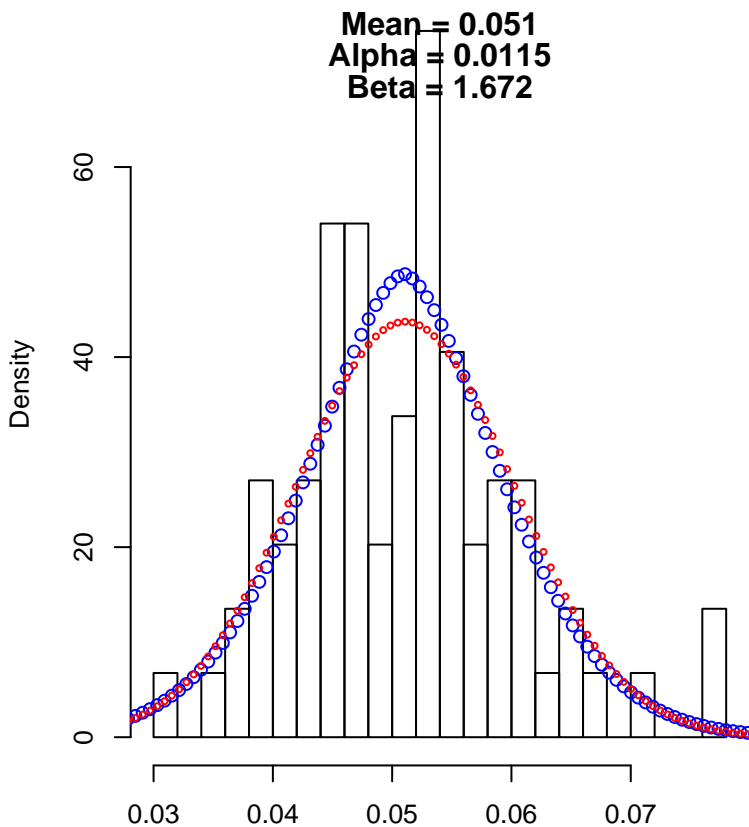
54.) log_NEG_00349.0243240



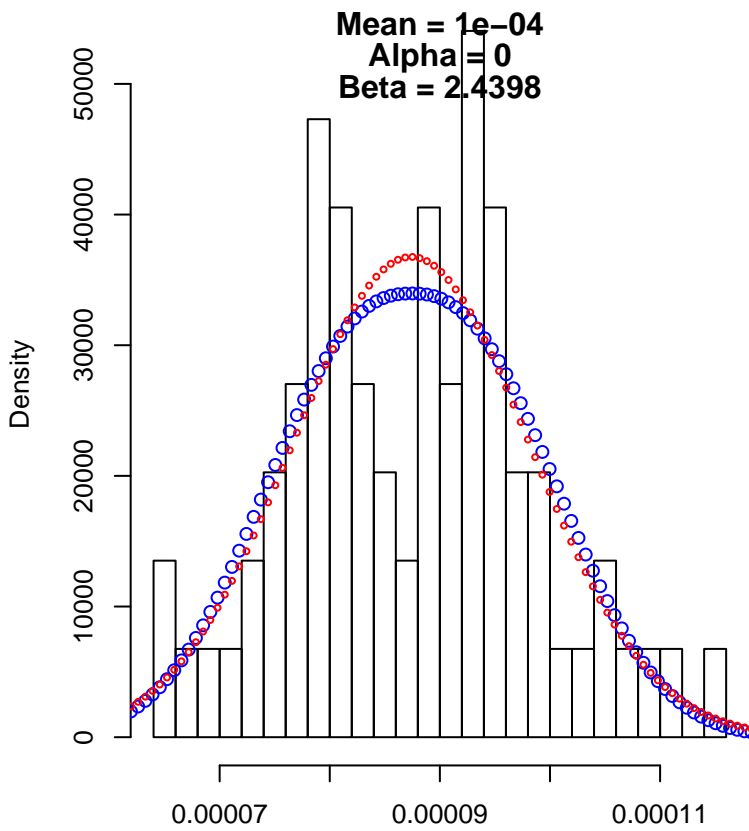
55.) log_POS_00564.3589460



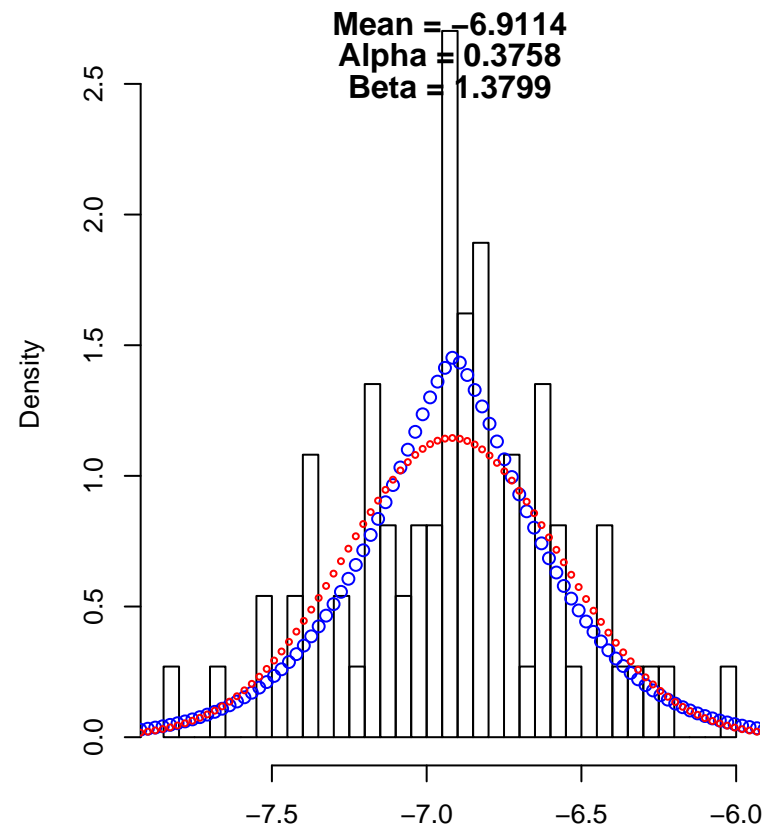
56.) NEG_00101.0244940



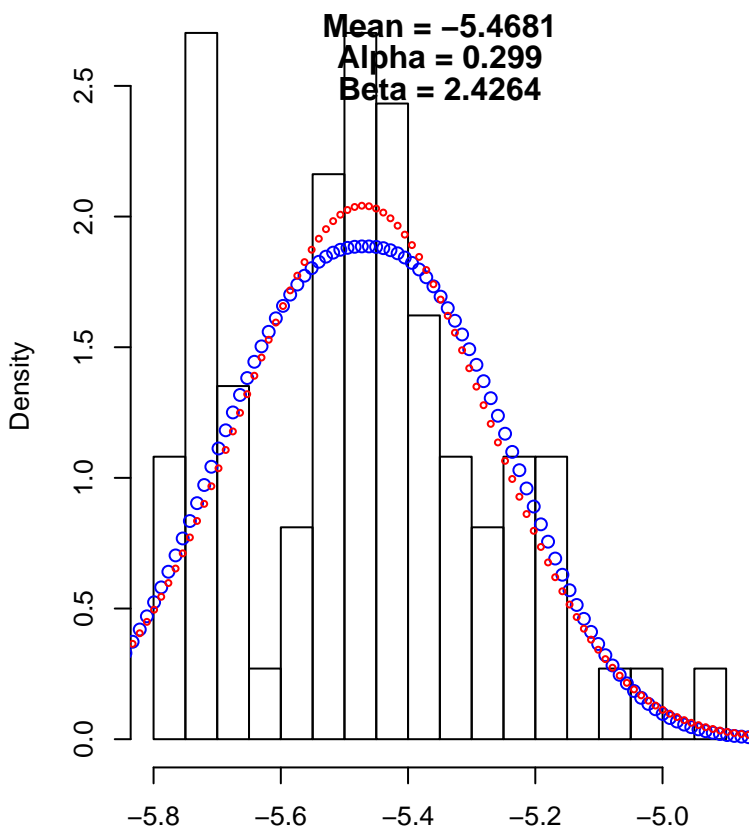
57.) POS_00235.1176160



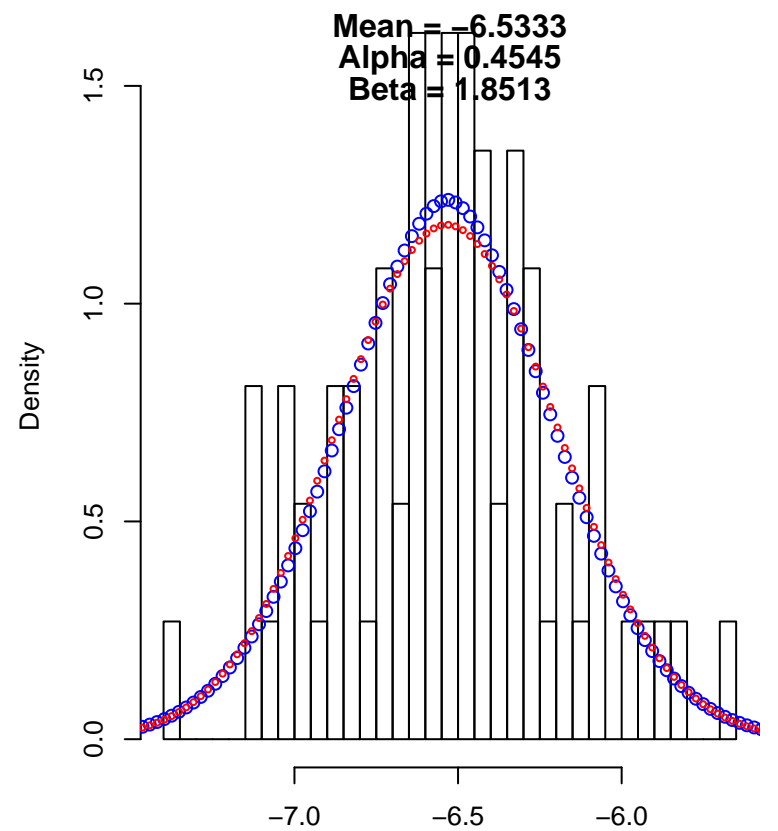
58.) log_POS_00323.0822660



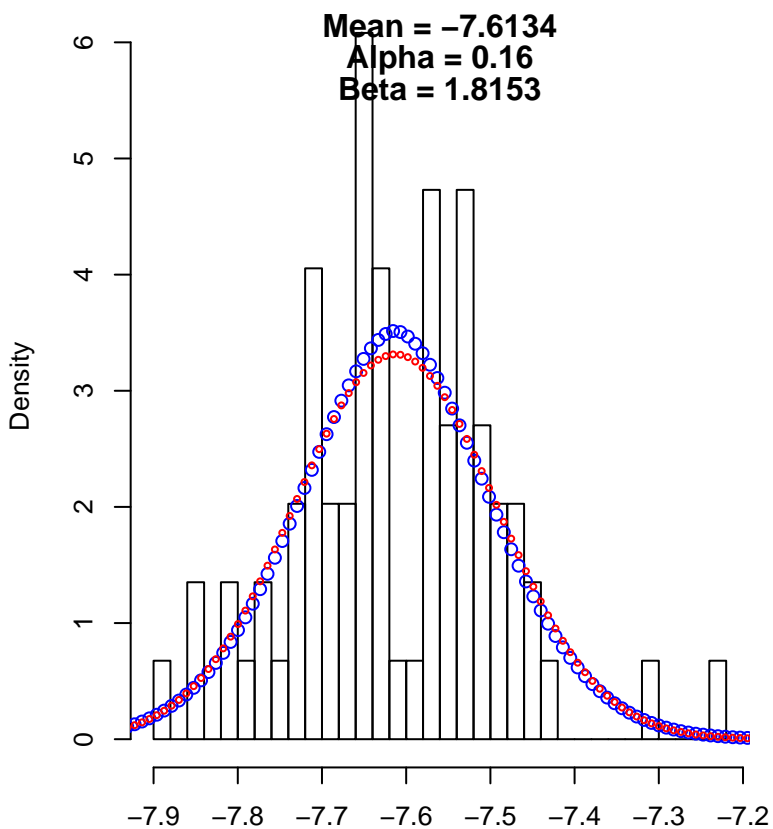
59.) log_POS_00547.3325360



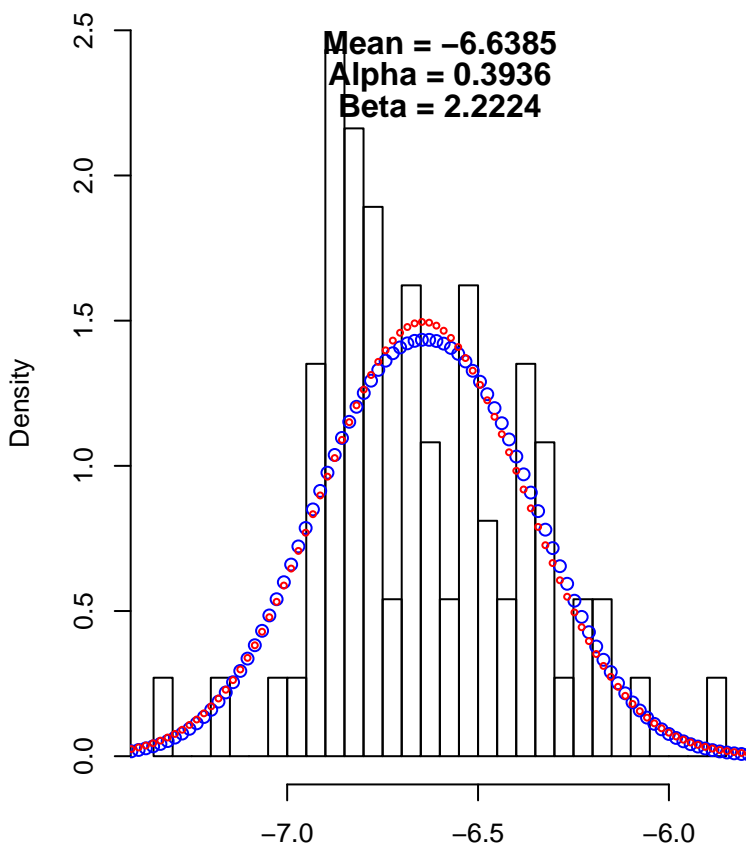
60.) log_POS_00162.0447460



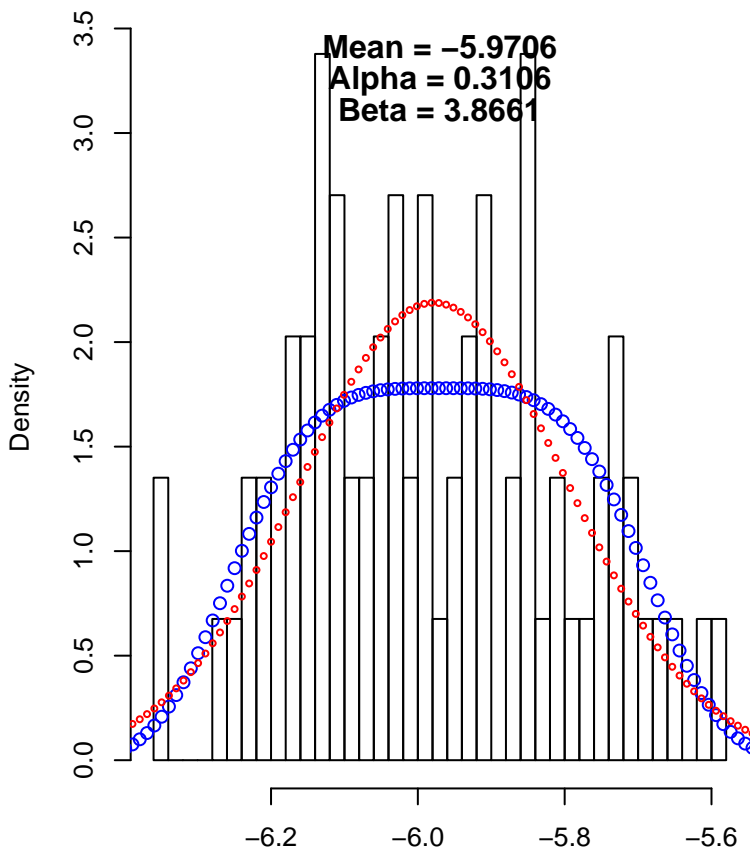
61.) log_POS_00325.2163460



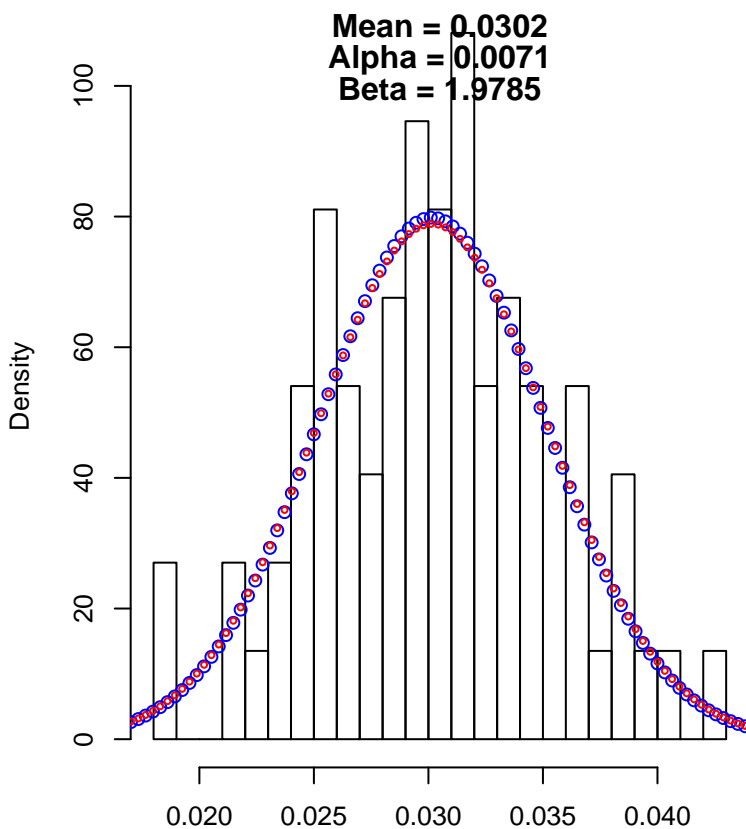
62.) log_NEG_01452.7574240



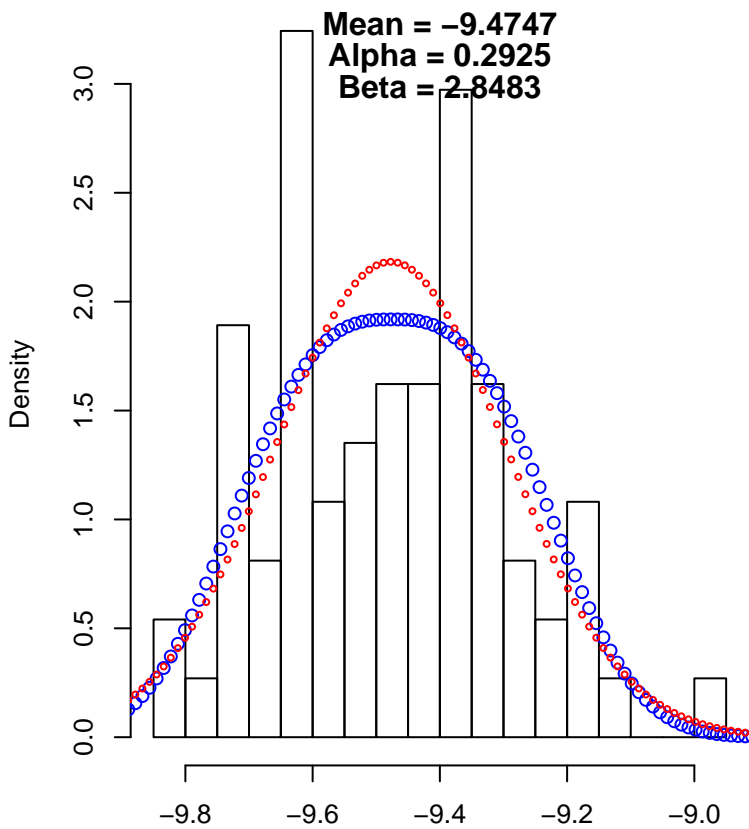
63.) log_NEG_00250.9648340



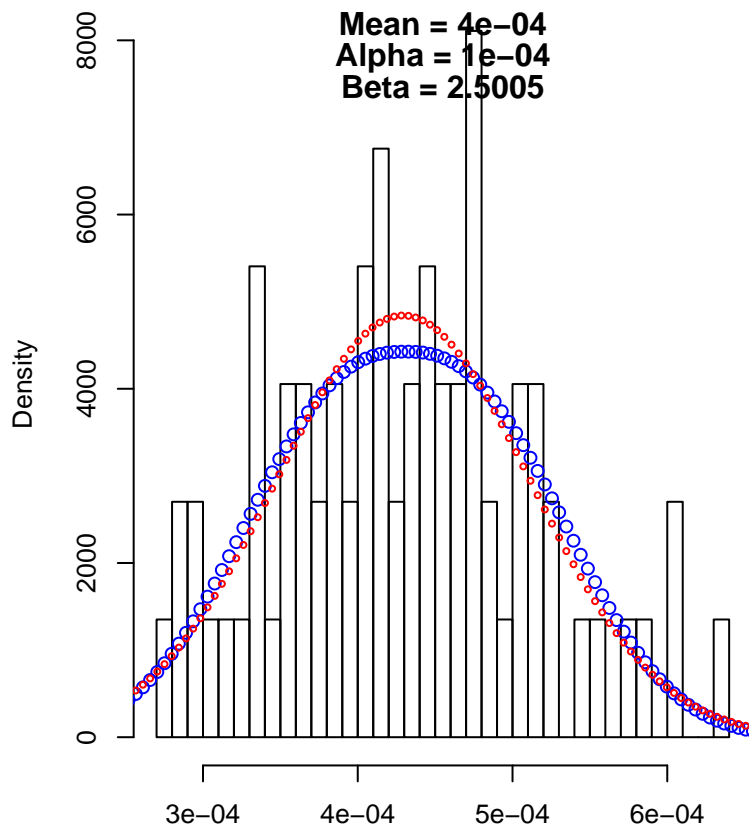
64.) sqrt_POS_00527.1452360



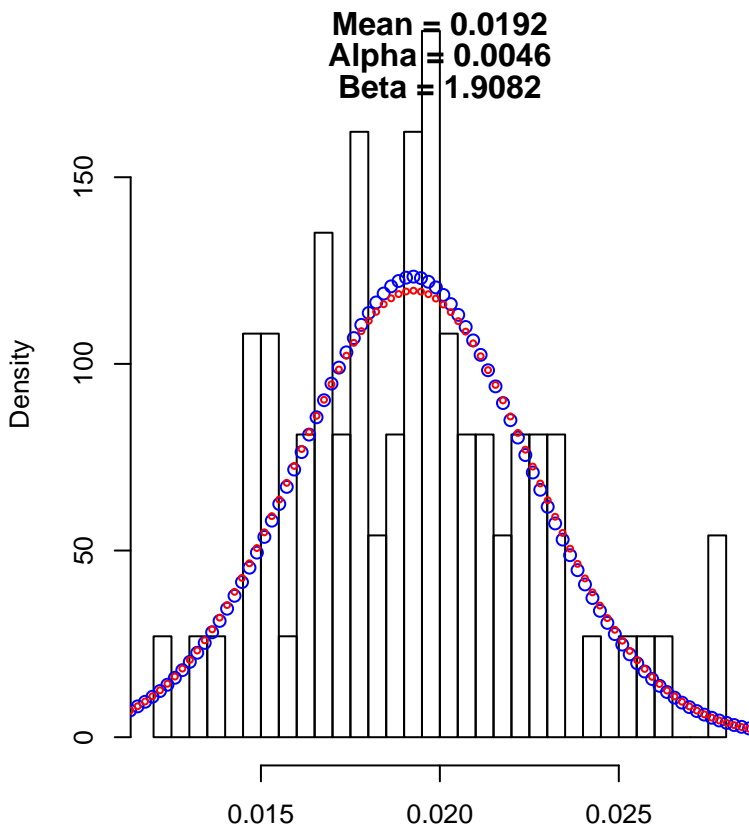
65.) log_POS_00239.1278260



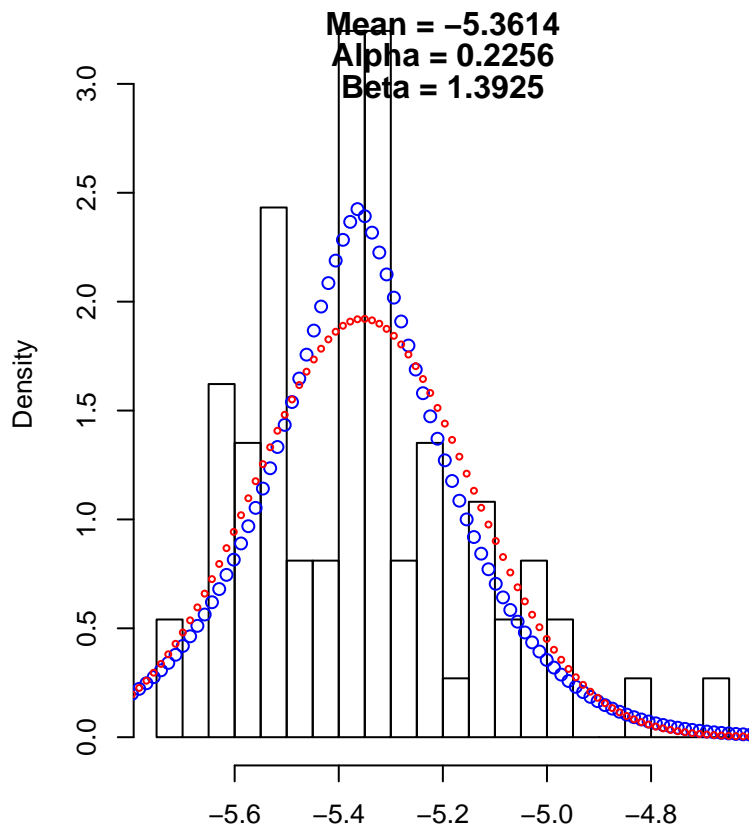
66.) POS_00337.2042560



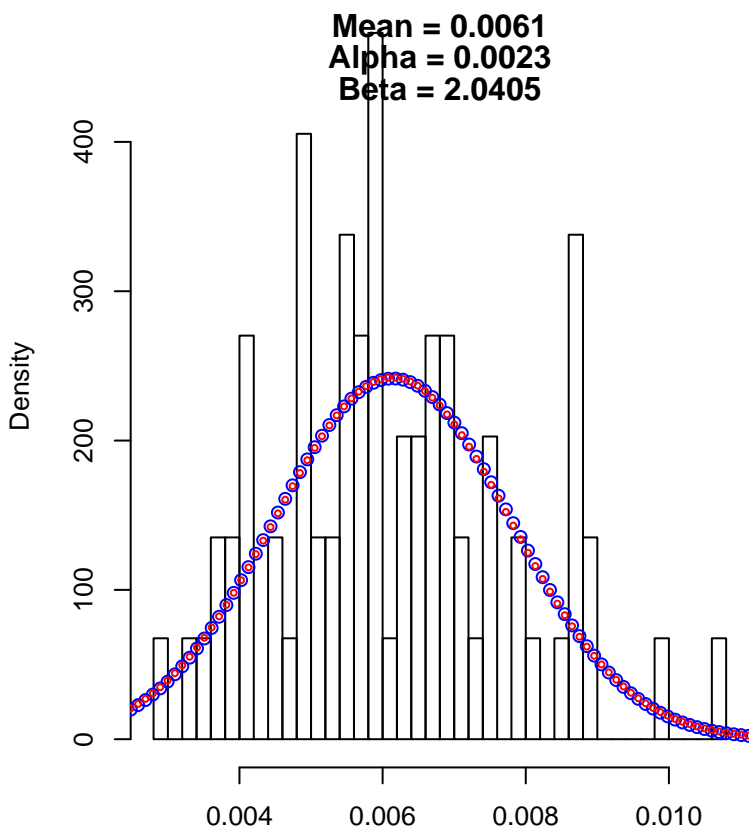
67.) NEG_00073.0295040



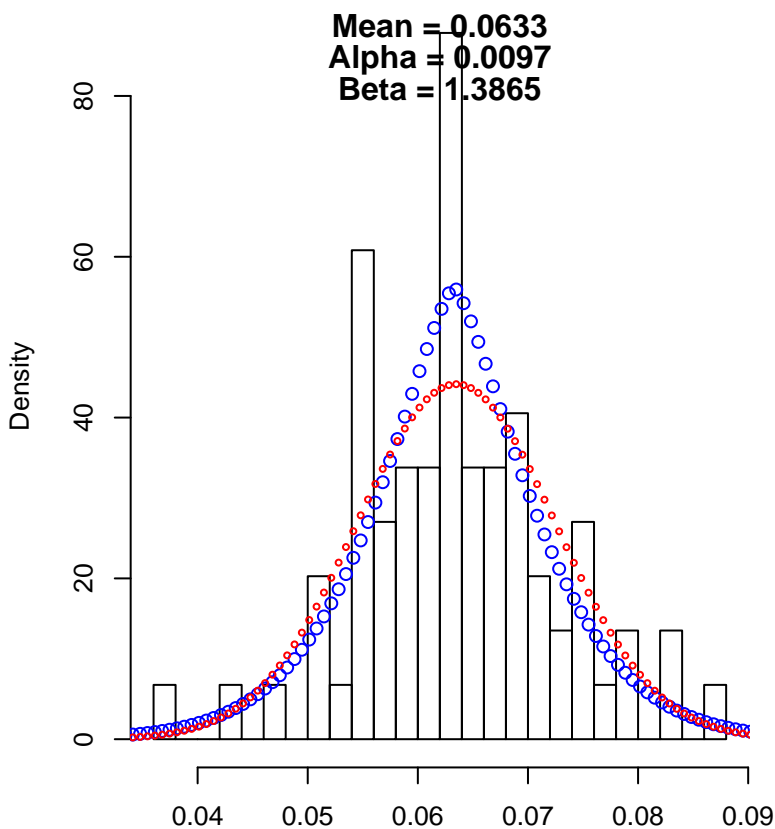
68.) log_POS_00340.2093760



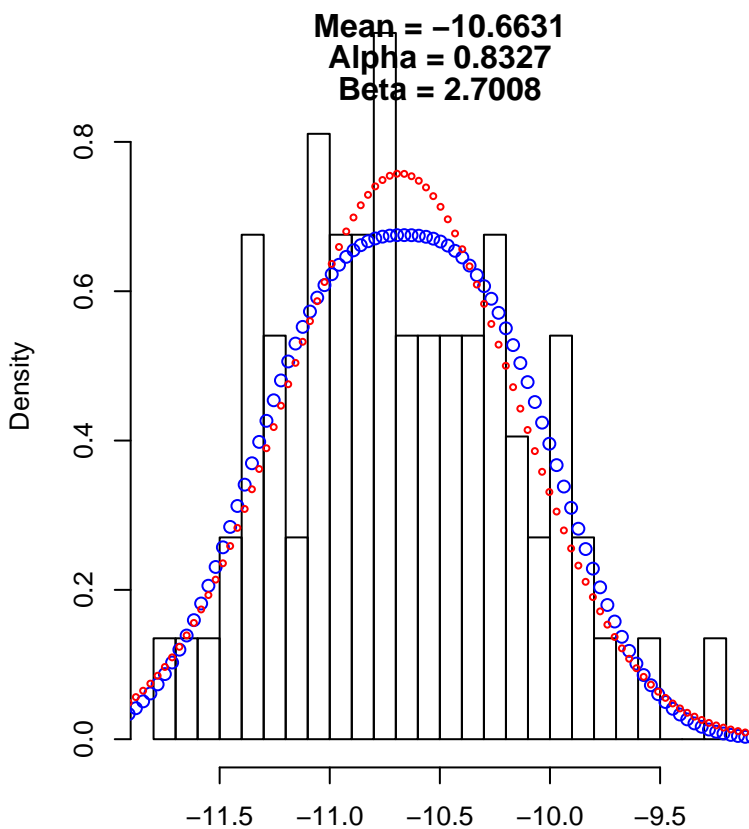
69.) NEG_00453.9262940



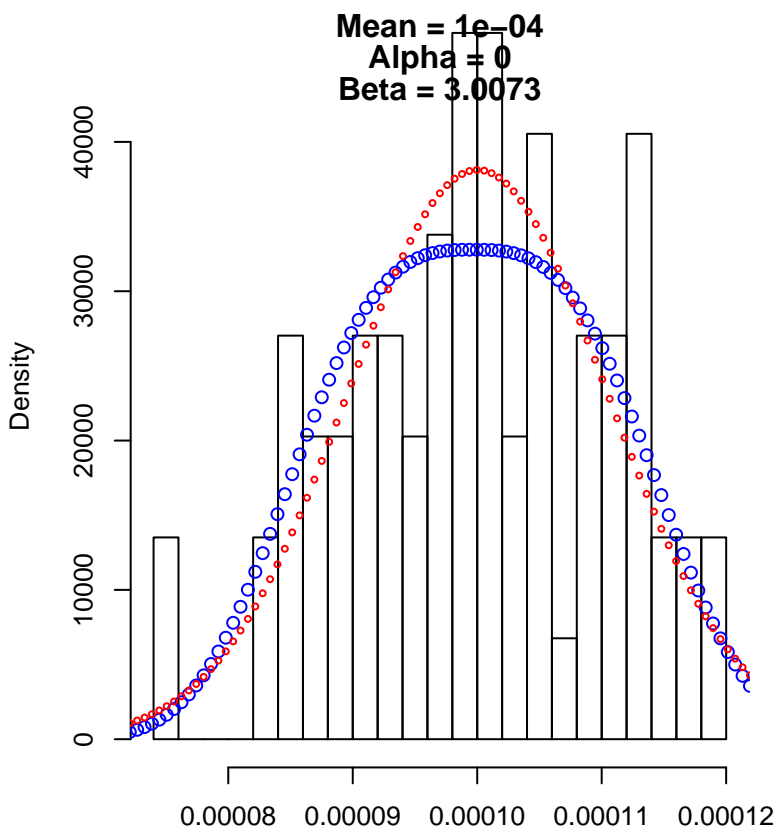
70.) sqrt_NEG_00589.9007140



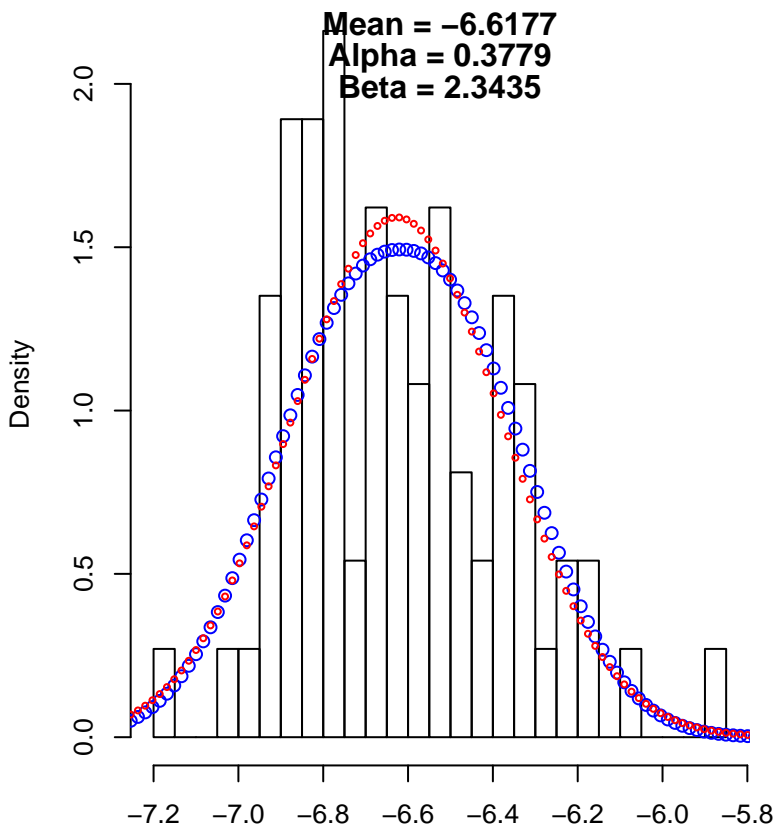
71.) log_POS_00297.0091660



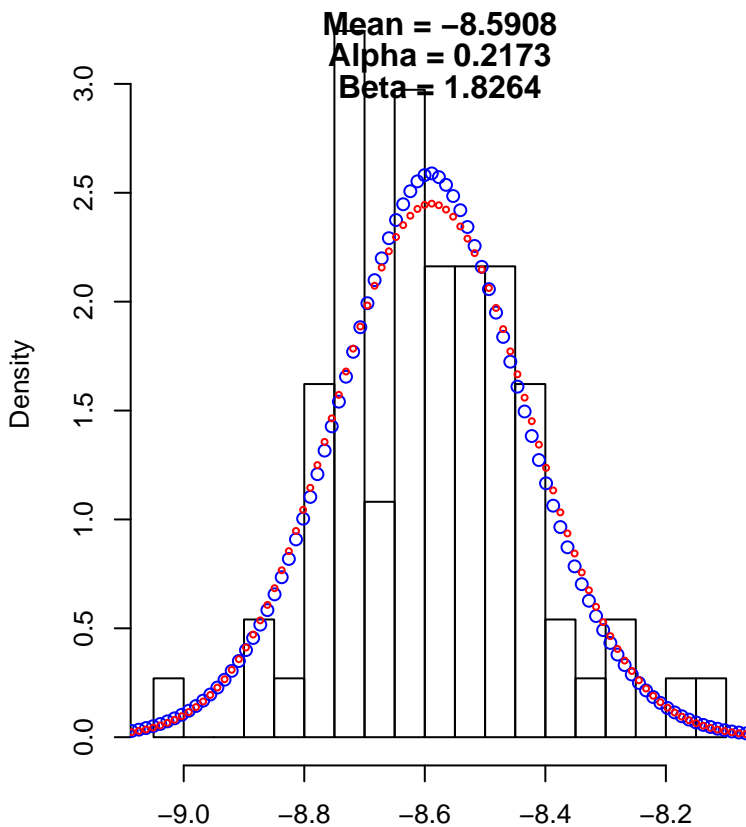
72.) POS_00241.1046560



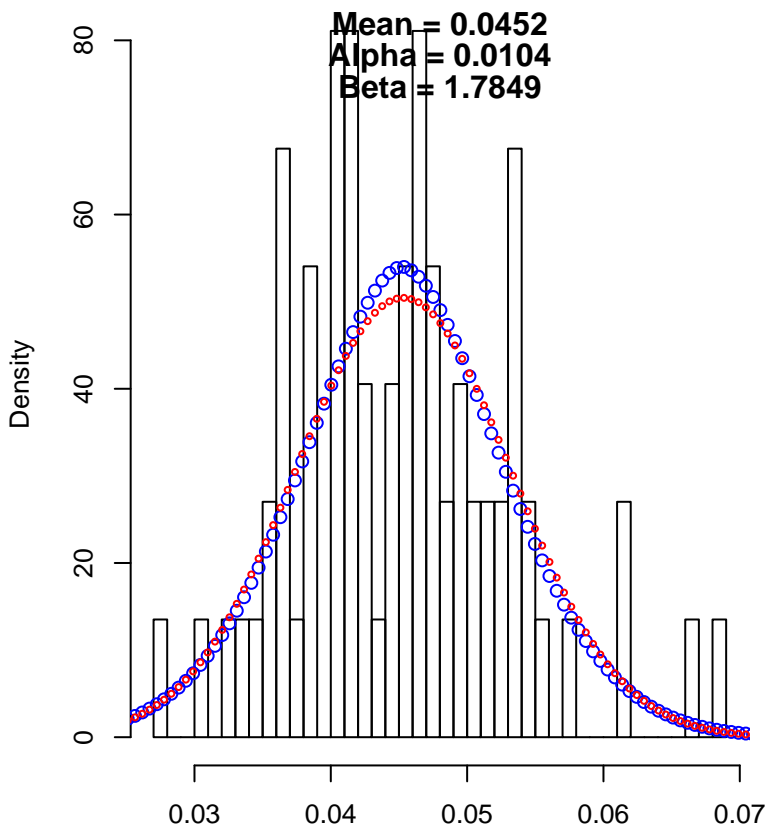
73.) log_NEG_00725.8751040



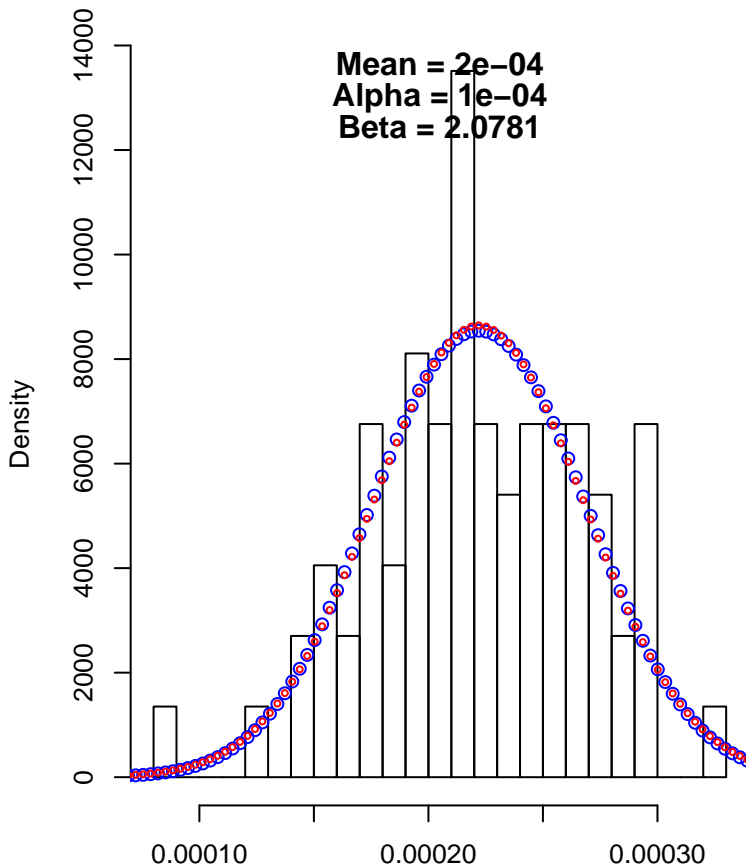
74.) log_POS_00213.1098360



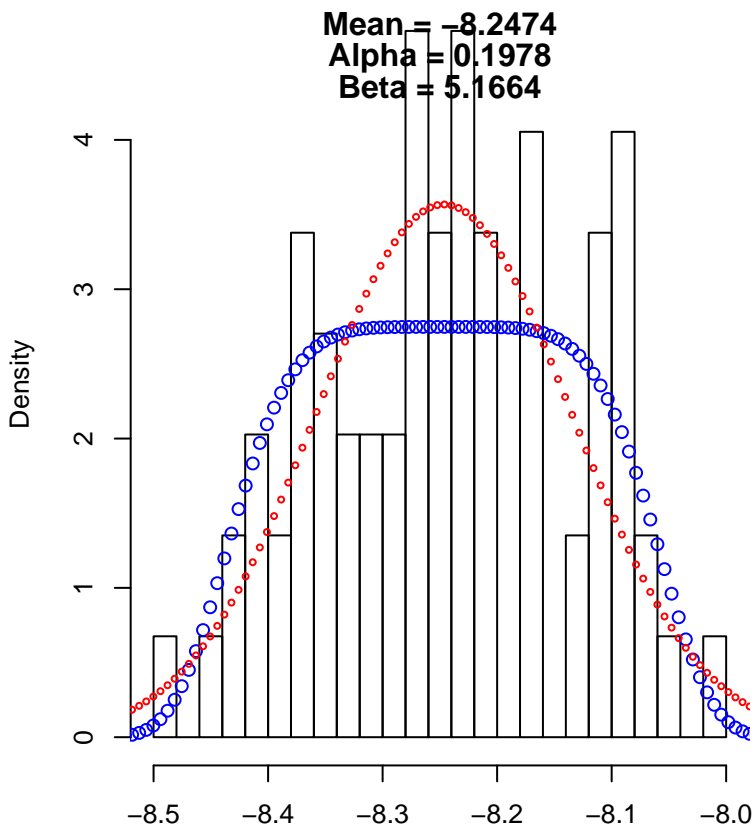
75.) NEG_00119.0350140



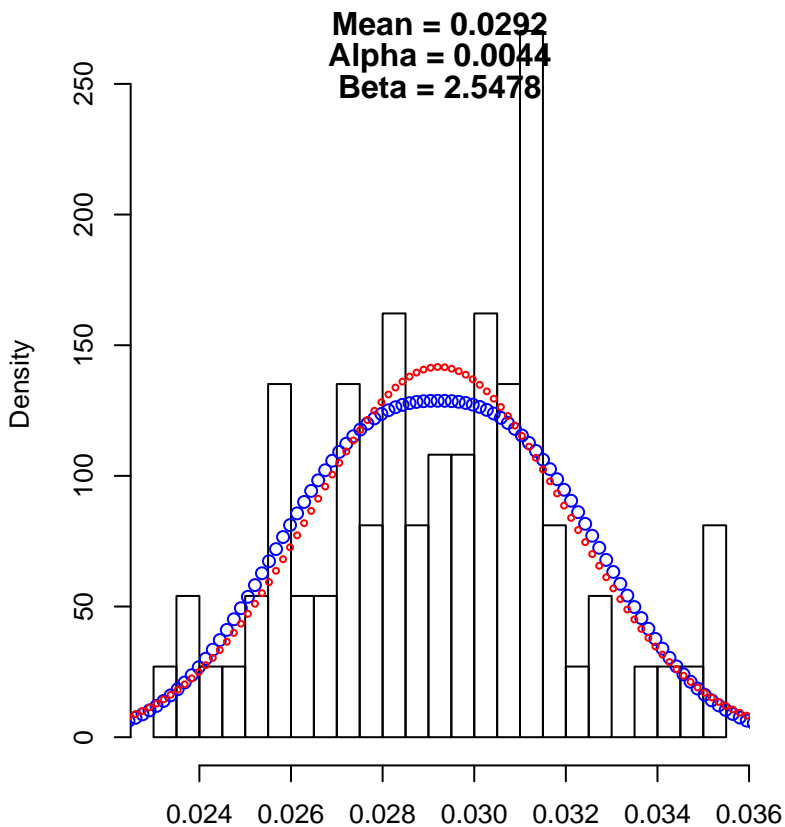
76.) POS_00316.0549560



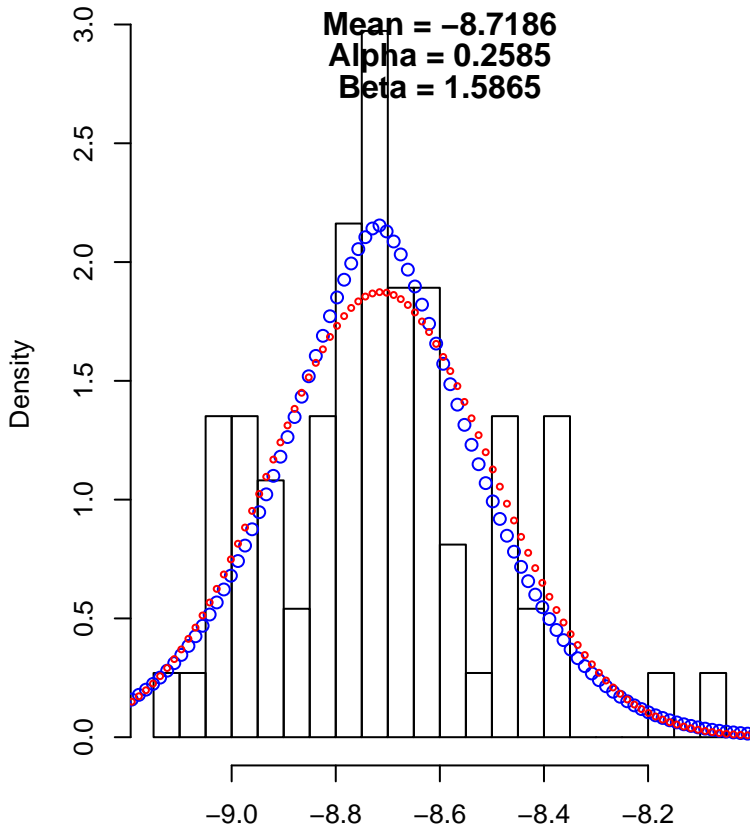
77.) log_POS_00089.0596760



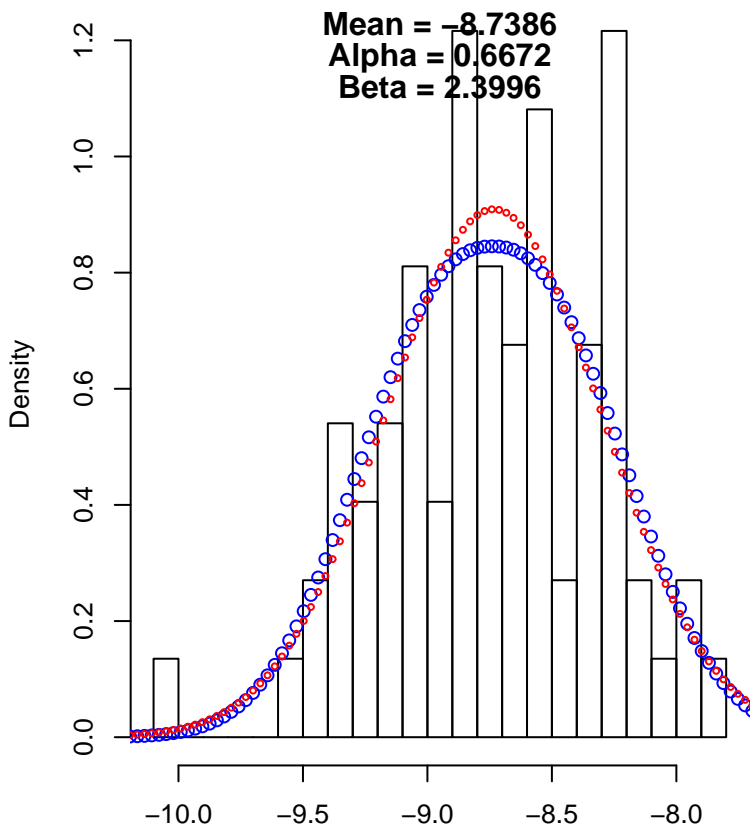
78.) sqrt_POS_00355.2148160



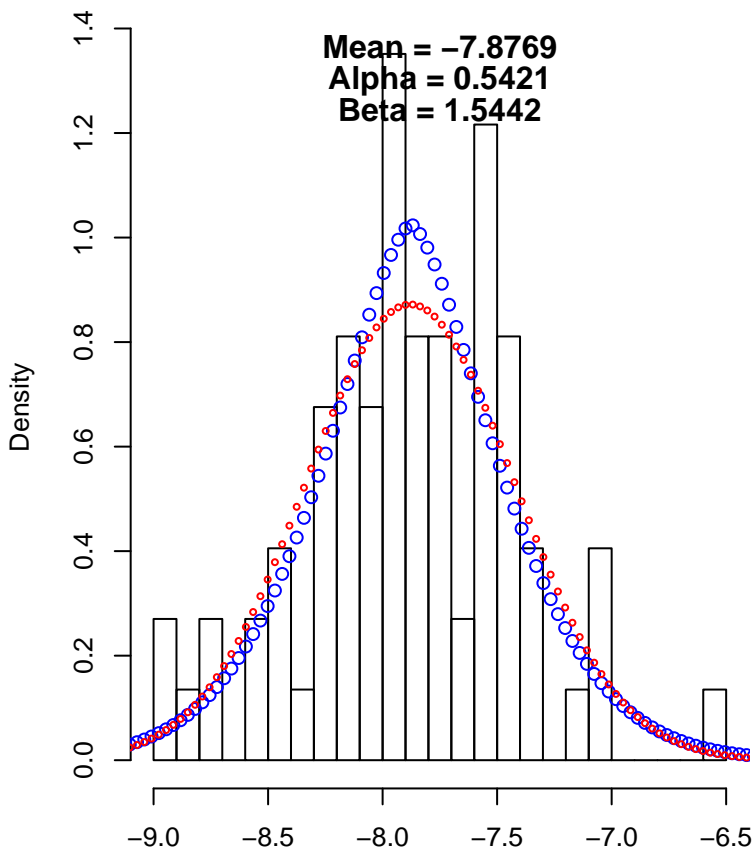
79.) log_POS_00613.3407560



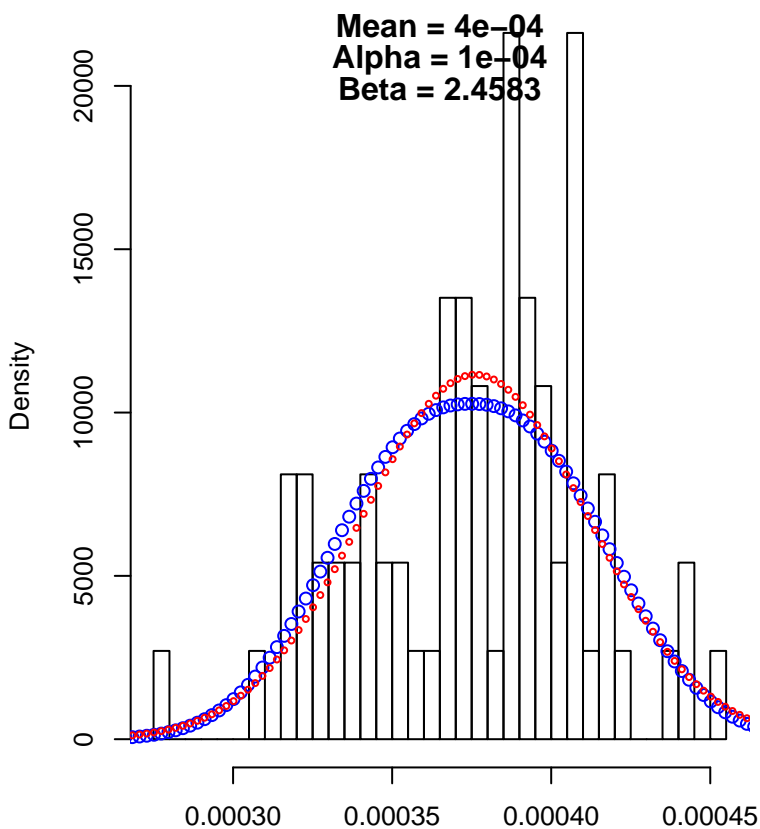
80.) log_POS_00292.0722360



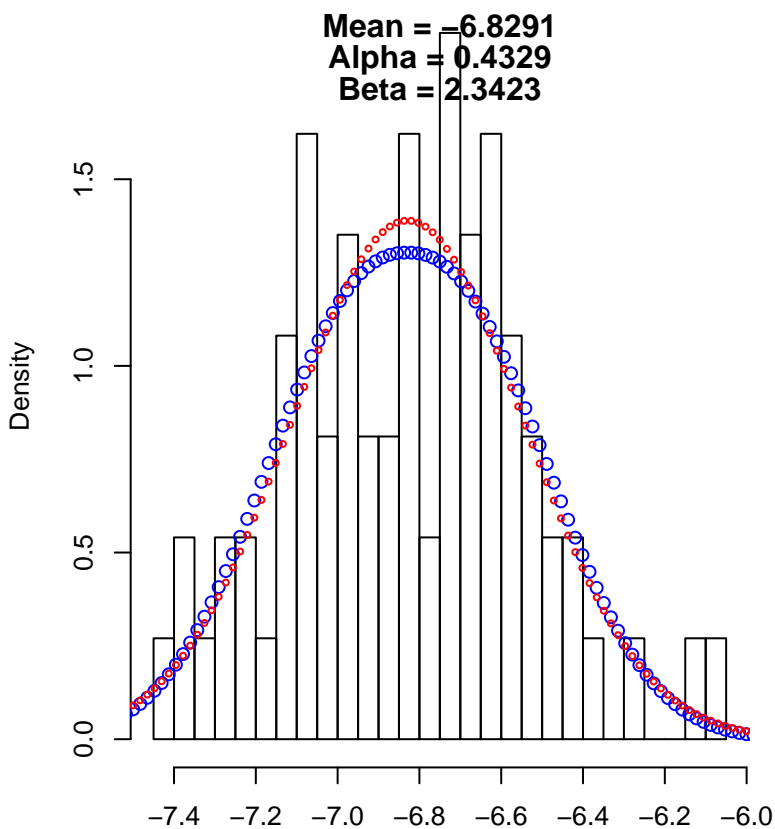
81.) log_POS_00315.1150060



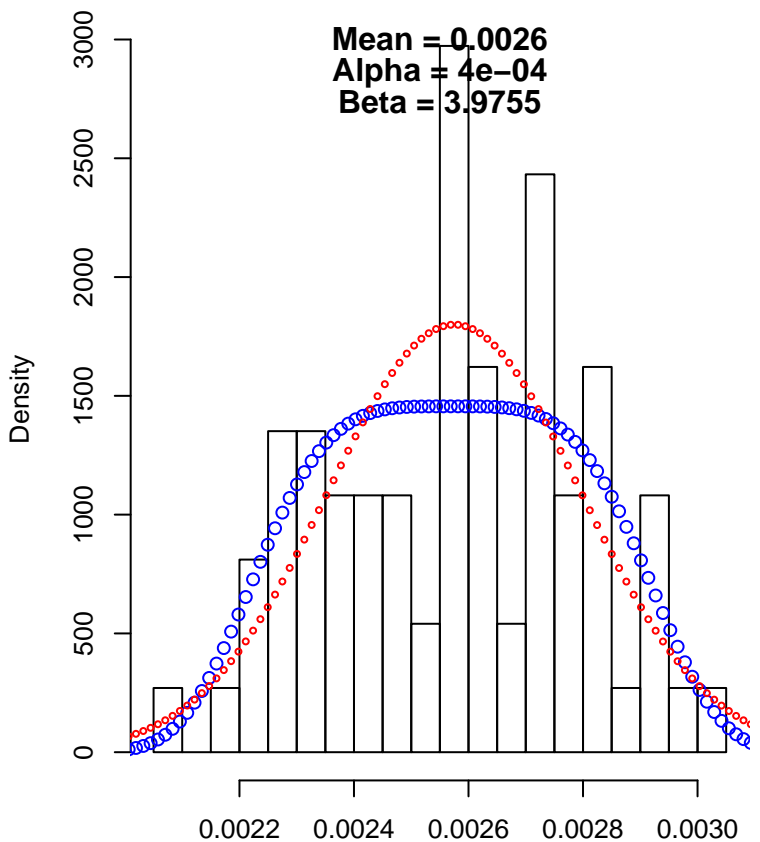
82.) POS_00233.0995660



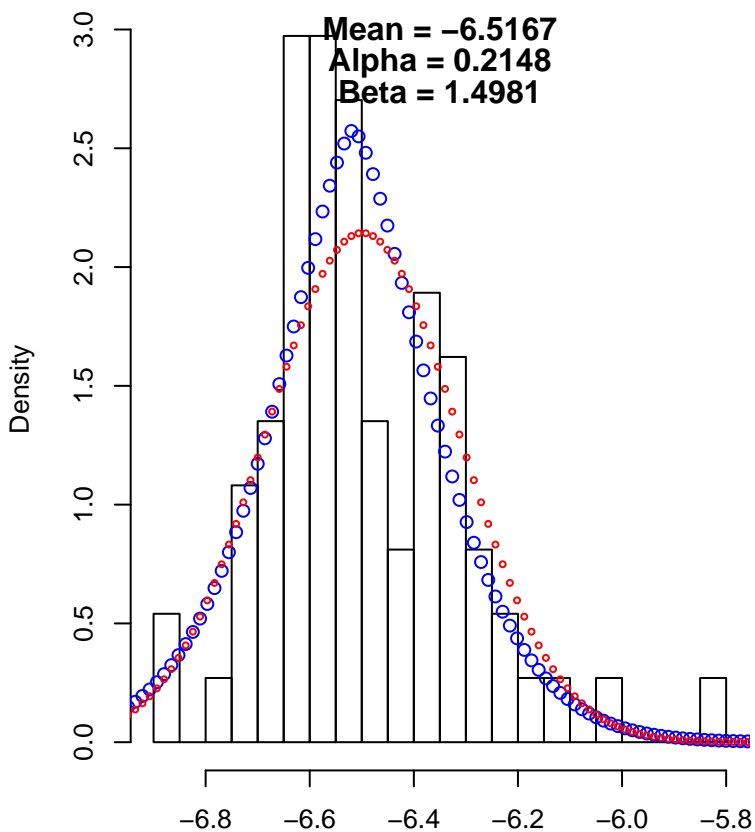
83.) log_NEG_01587.7294040



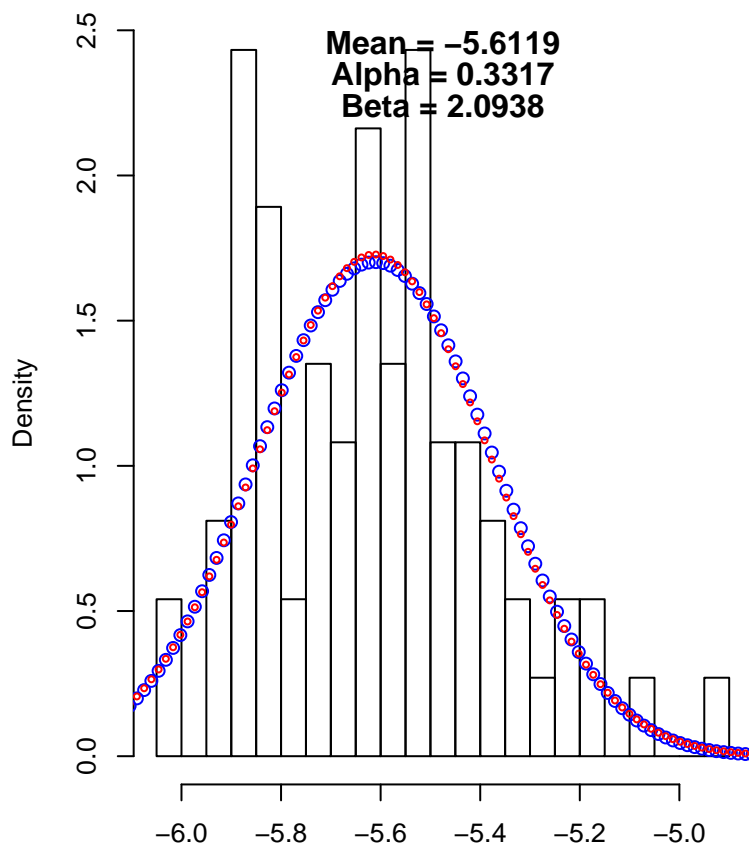
84.) POS_00473.2899160



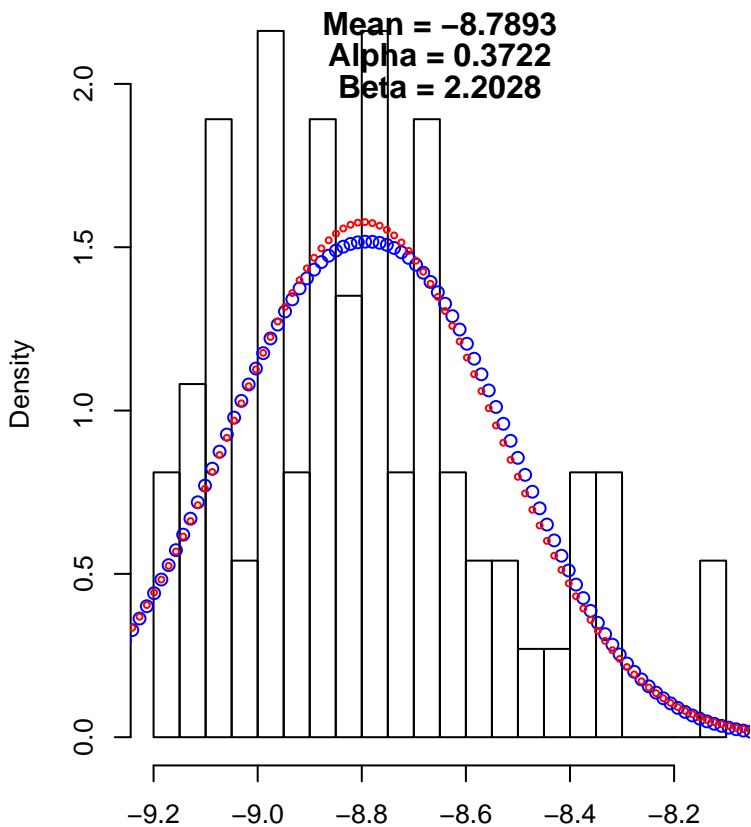
85.) log_NEG_00308.9942340



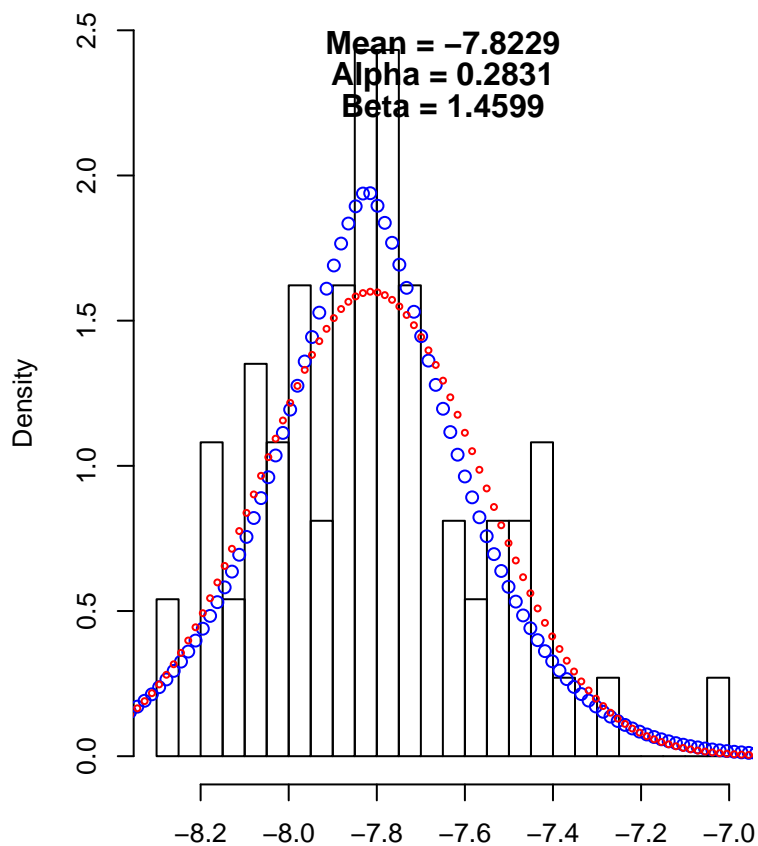
86.) log_POS_00635.3853560



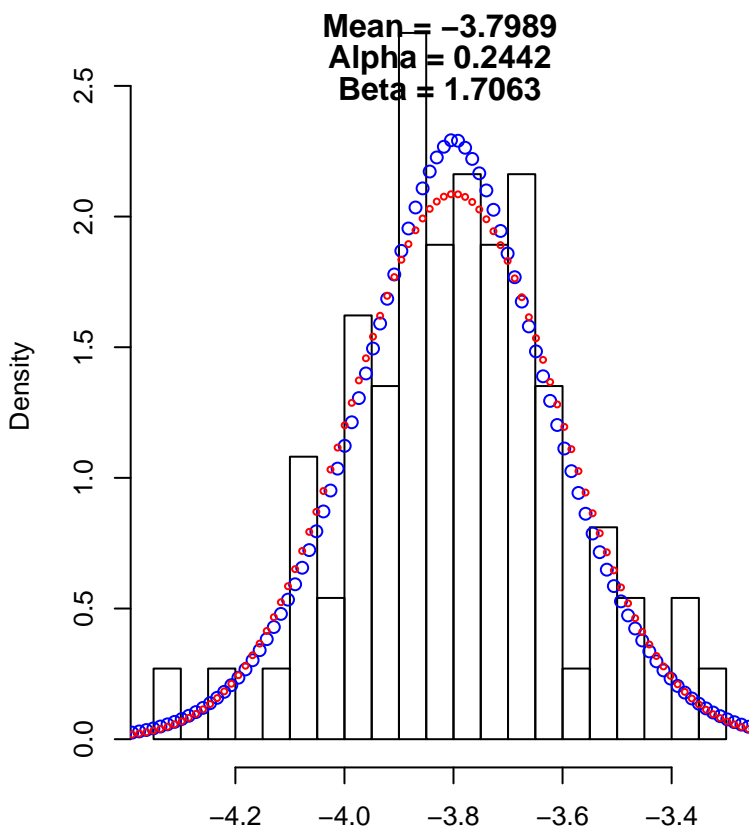
87.) log_POS_00337.7004760



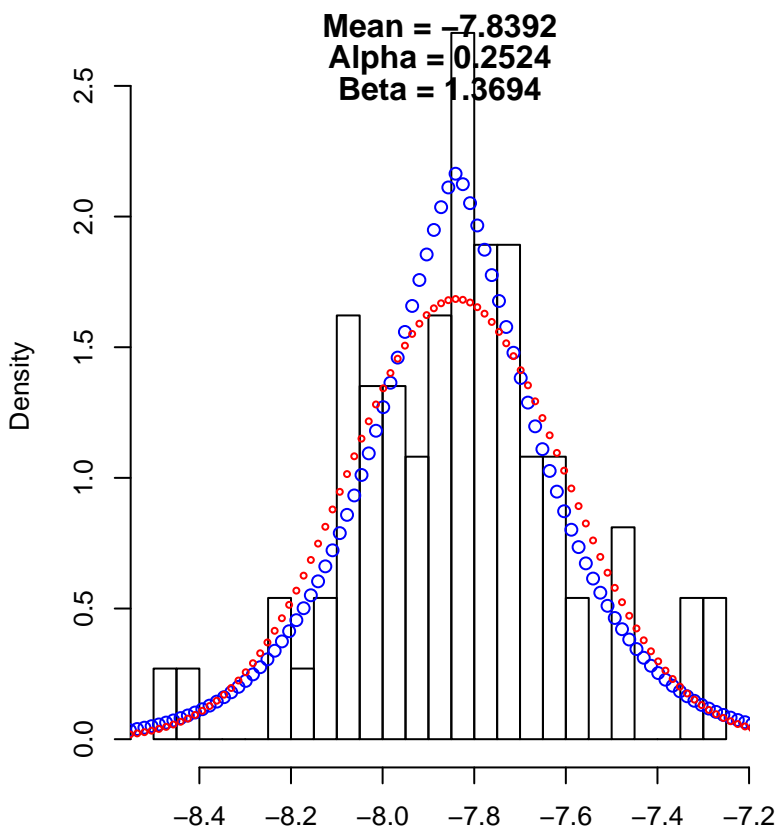
88.) log_POS_00351.2003660



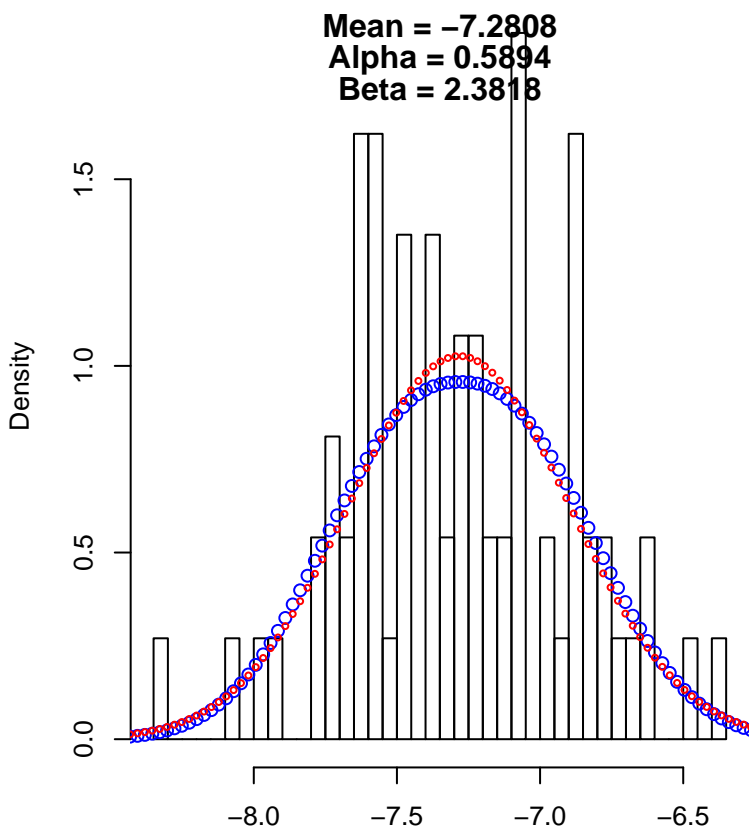
89.) log_NEG_00097.0296340



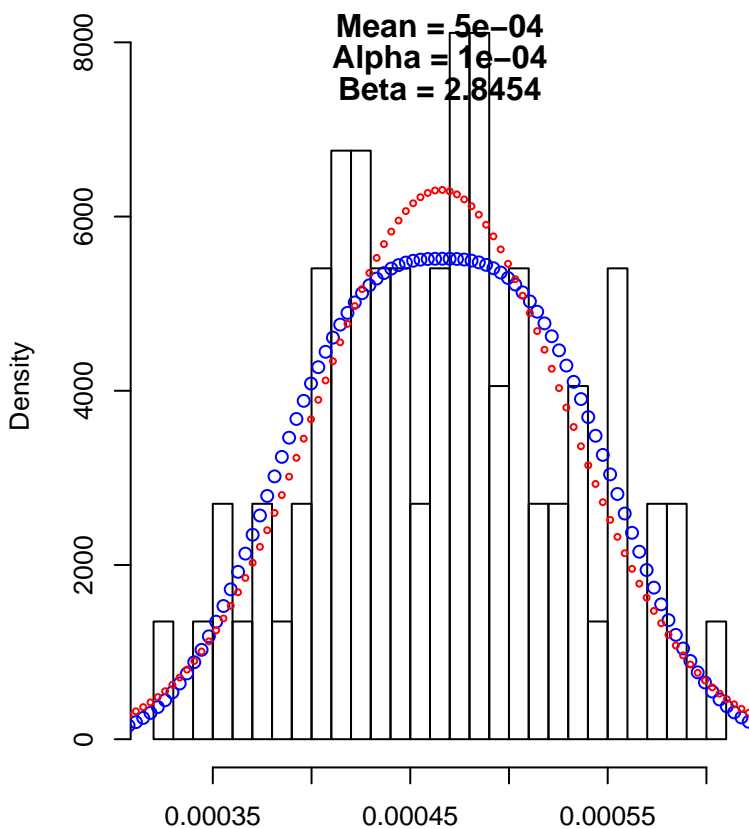
90.) log_NEG_00552.8582640



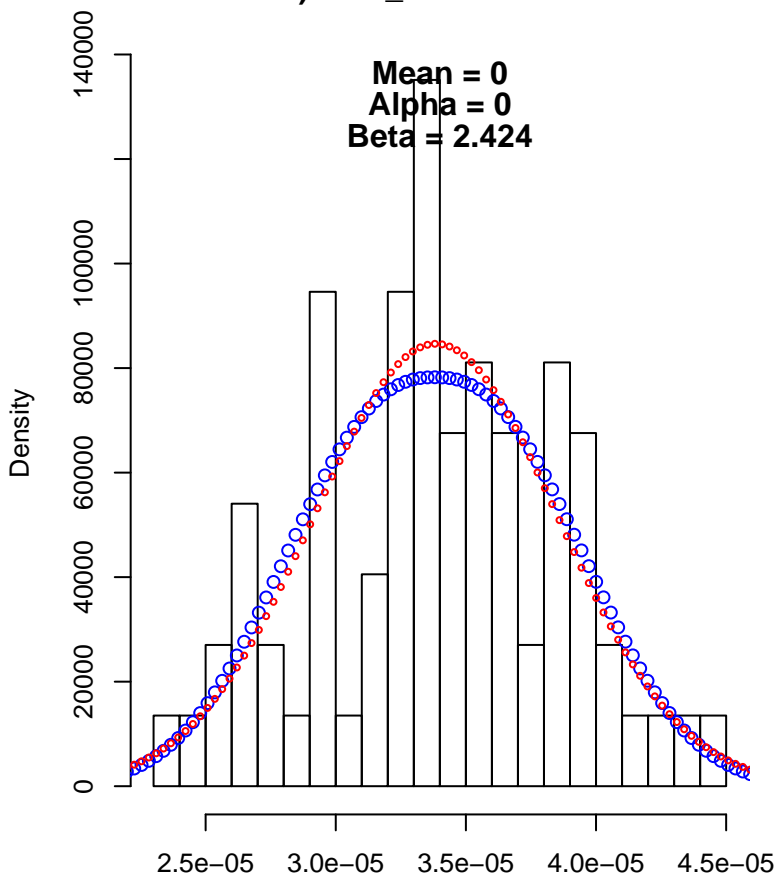
91.) log_NEG_00199.0338440



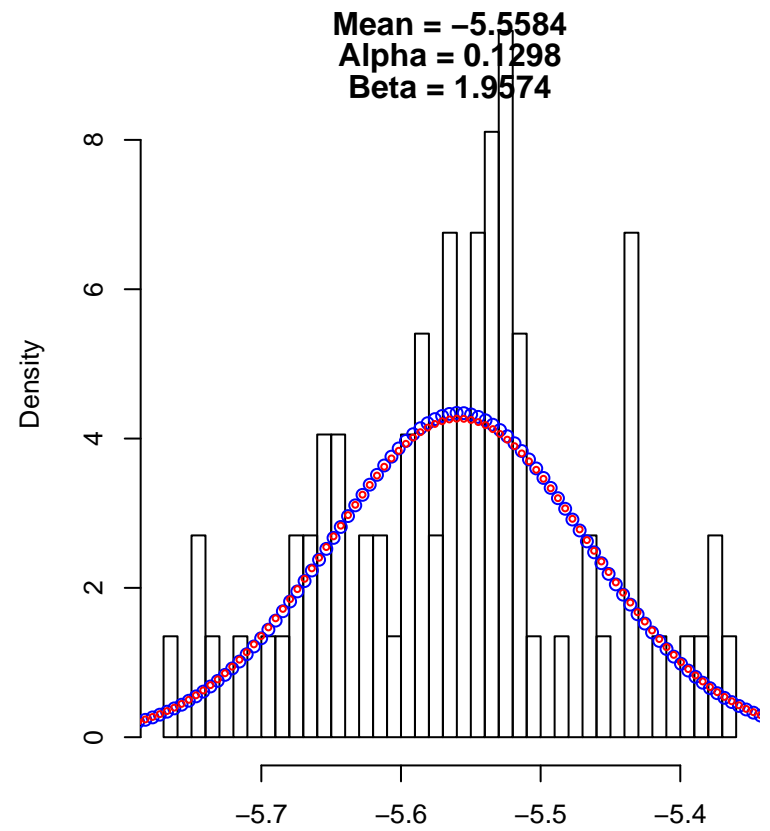
92.) POS_00164.1070060



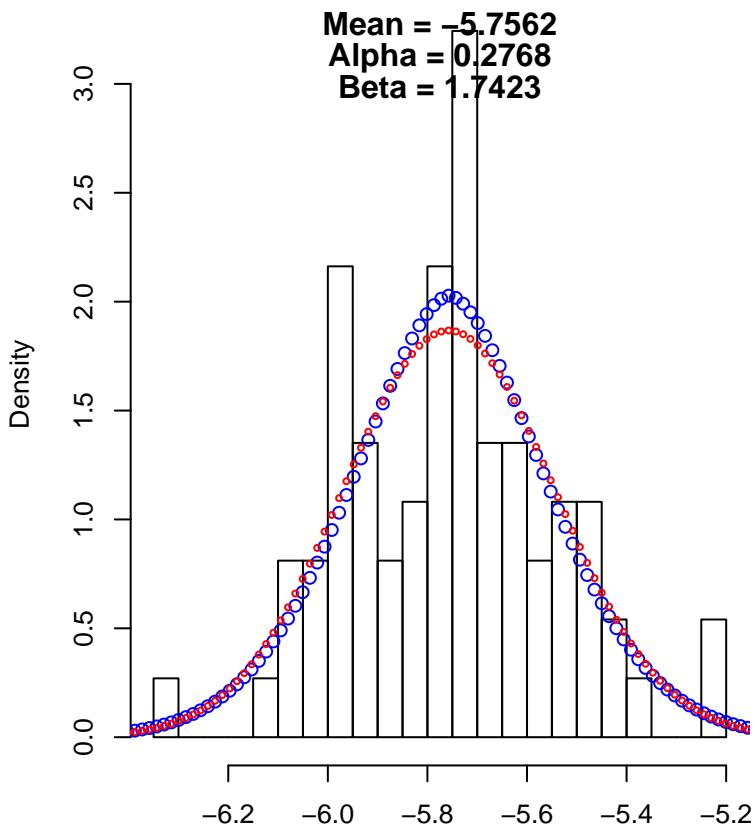
93.) POS_00191.0914760



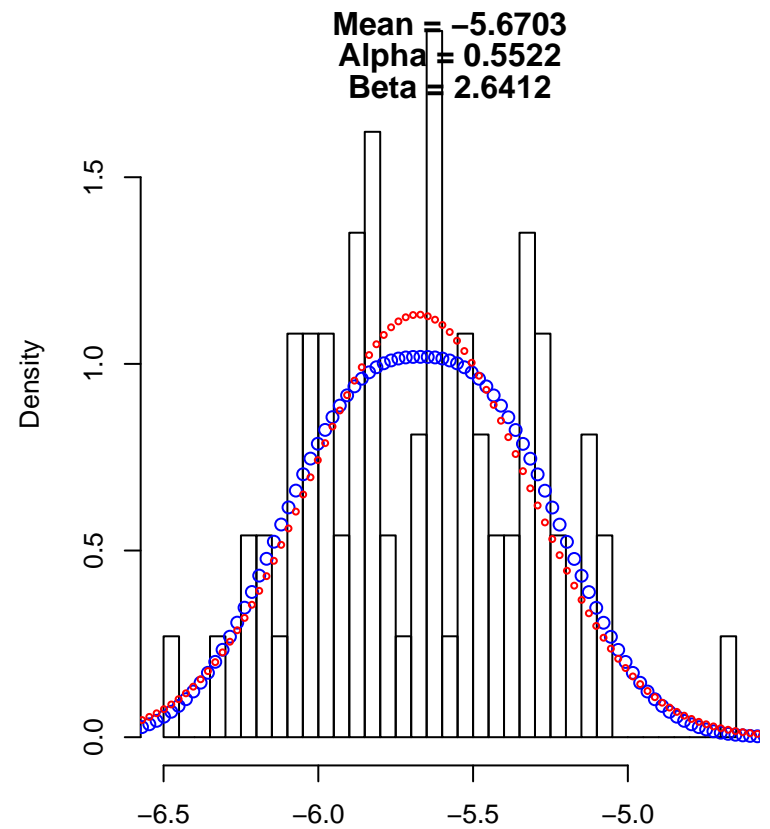
94.) log_POS_00281.1595460



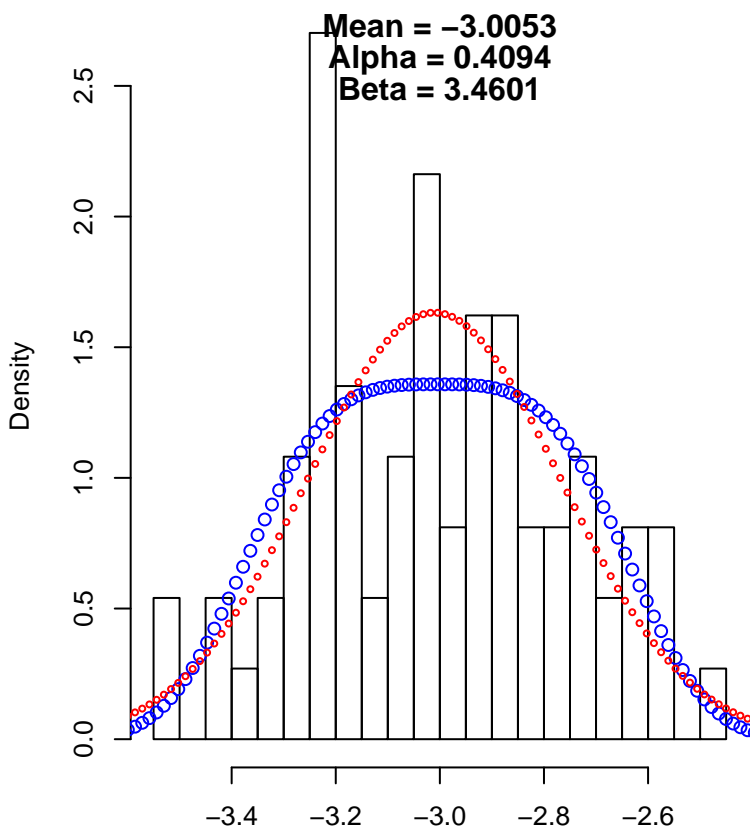
95.) log_POS_00591.3590560



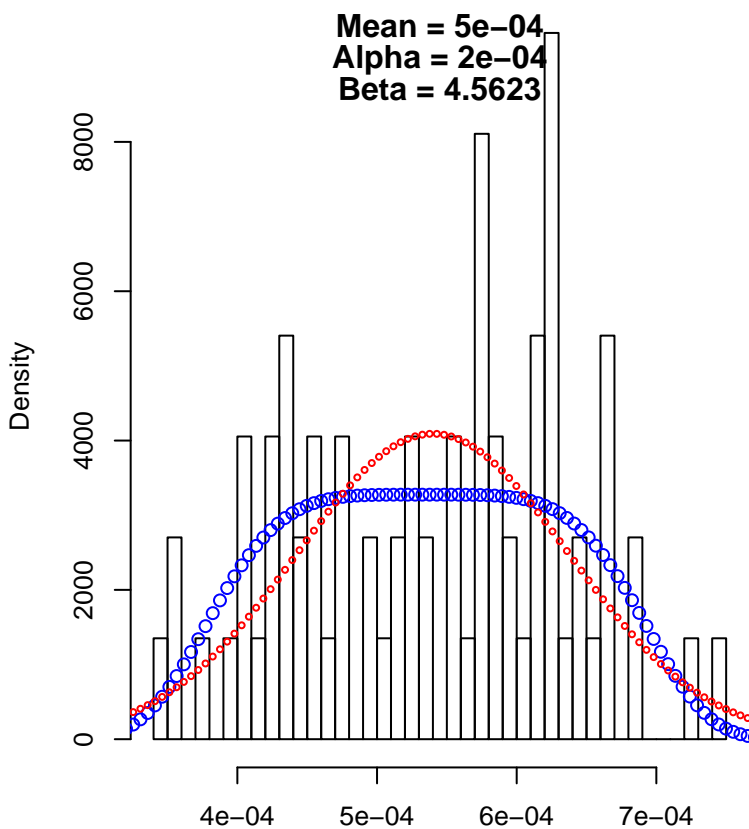
96.) log_POS_00189.0467660



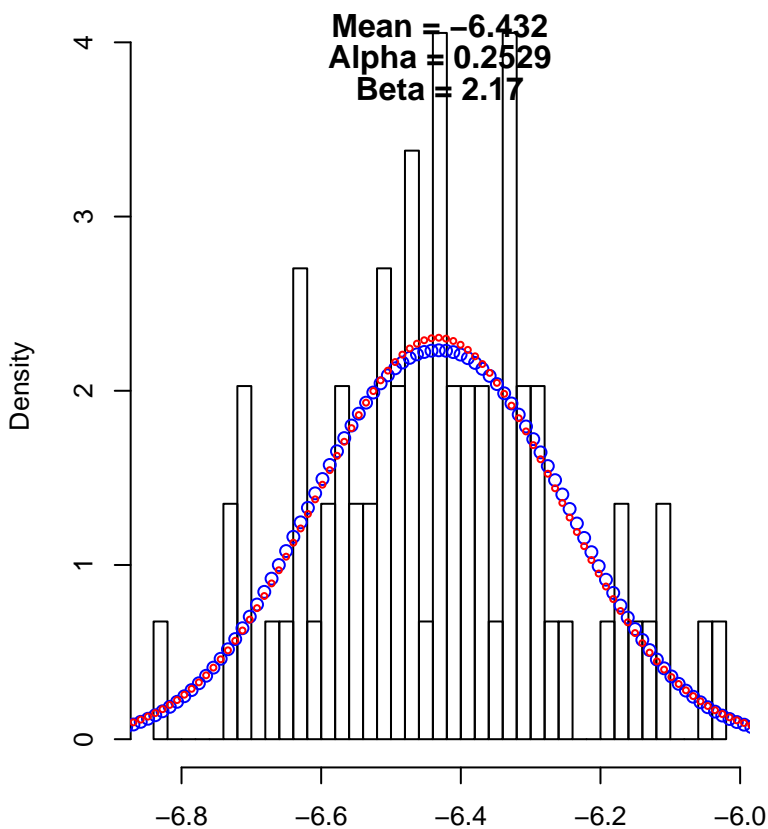
97.) log_POS_00072.0807160



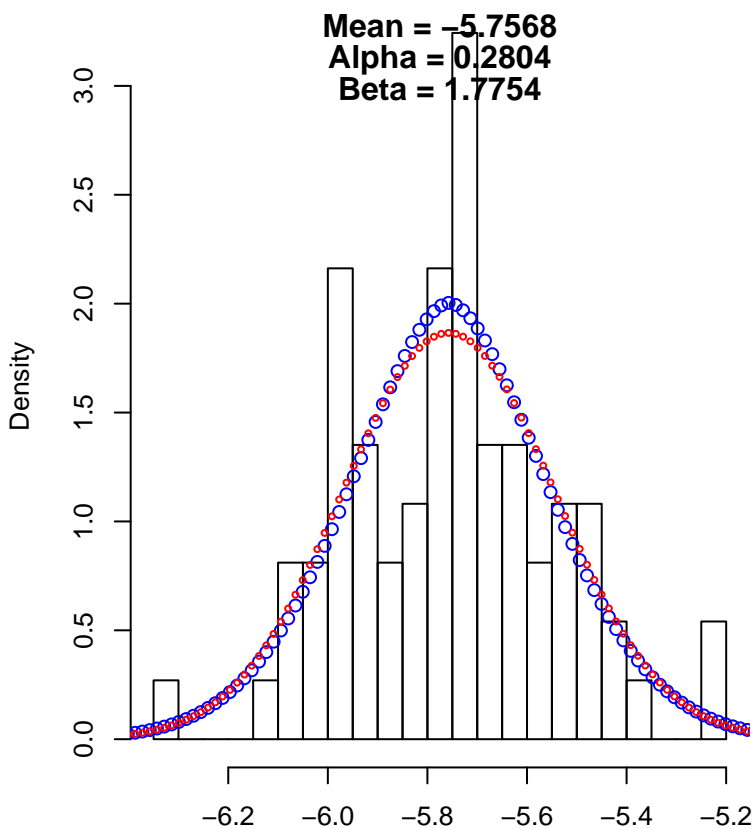
98.) orig_POS_00149.0807960



99.) log_POS_00399.2410360



100.) log_POS_00296.1831360



101.) log_POS_00205.0641360

