```
Data File : liver_salmon.alr.60.mouse_id.tsv
Reference File: reference.samp_id.lst
Output File Root: liver_salmon.alr.60

Start Col: 2
End Col: Inf
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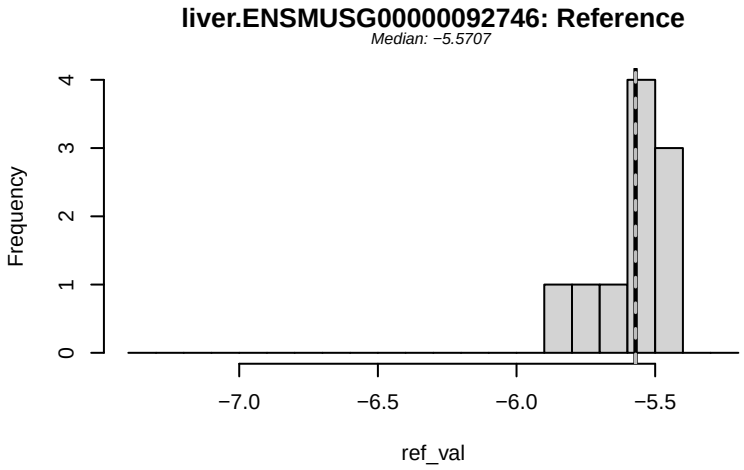
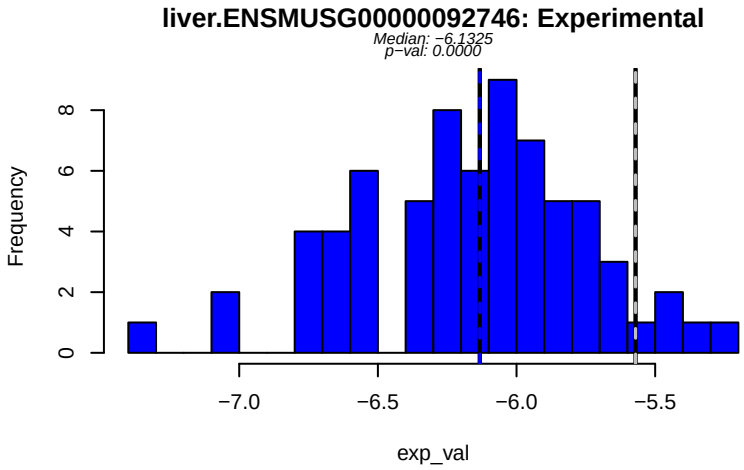

liver.ENSMUSG00000092746: Reference
Median: −5.5707
Frequency
ref_val


liver.ENSMUSG00000092746: Experimental
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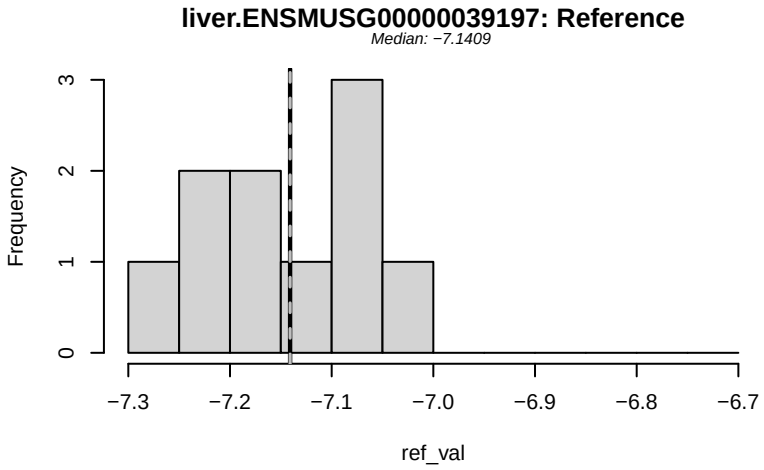
p−val: 0.0000
Frequency
exp_val


liver.ENSMUSG00000039197: Reference
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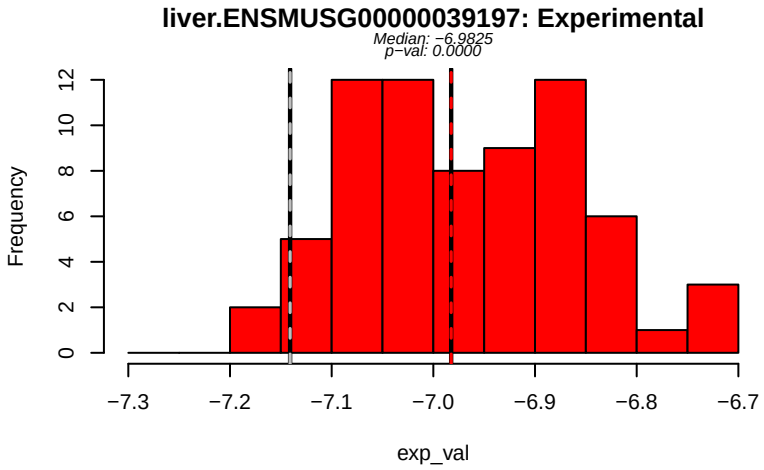
Frequency
ref_val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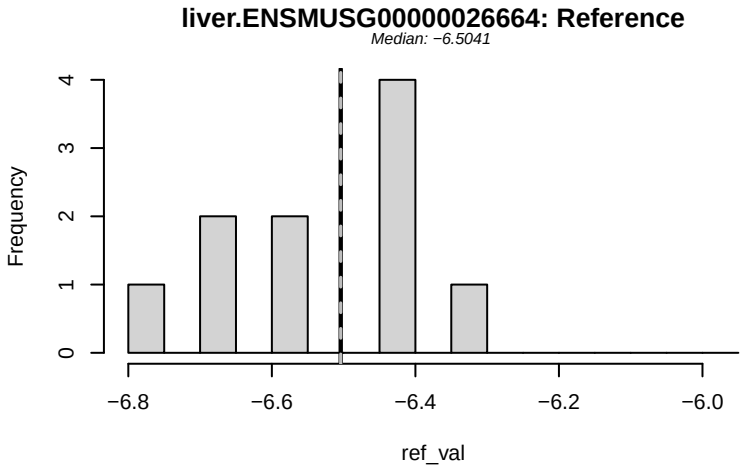
Frequency
exp_val


liver.ENSMUSG00000026664: Reference
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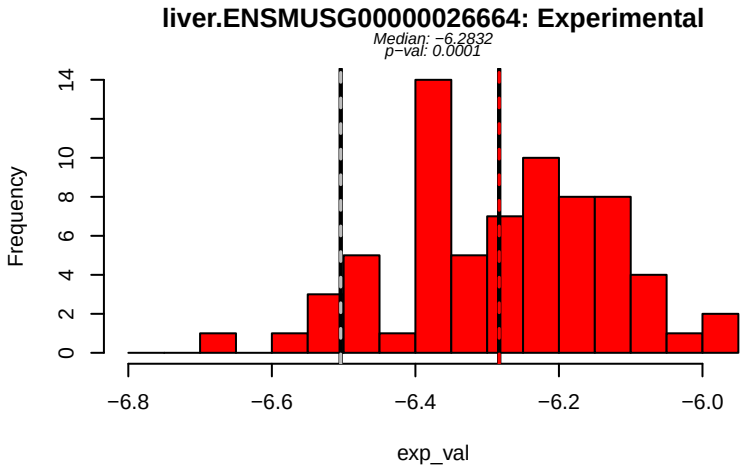
Frequency
ref_val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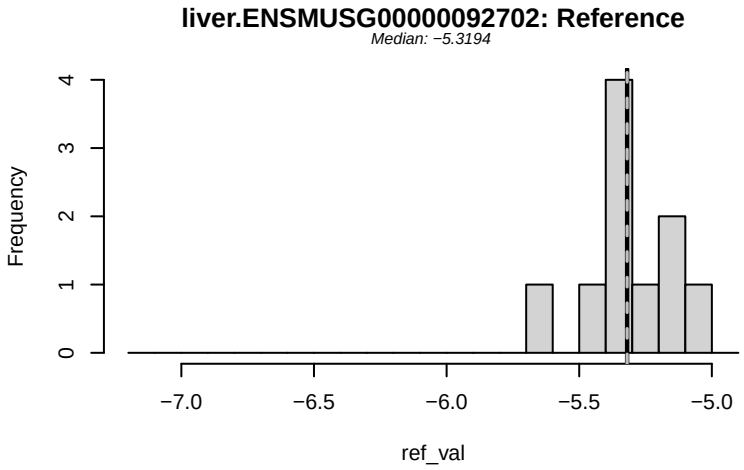
p−val: 0.0001
Frequency
exp_val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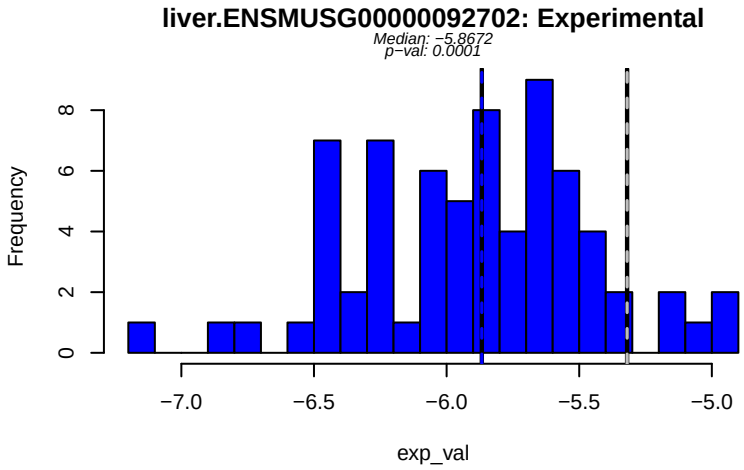
Frequency
ref_val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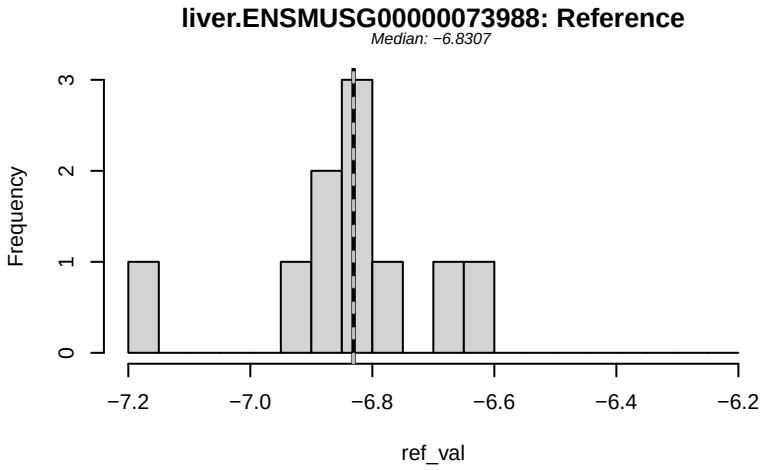
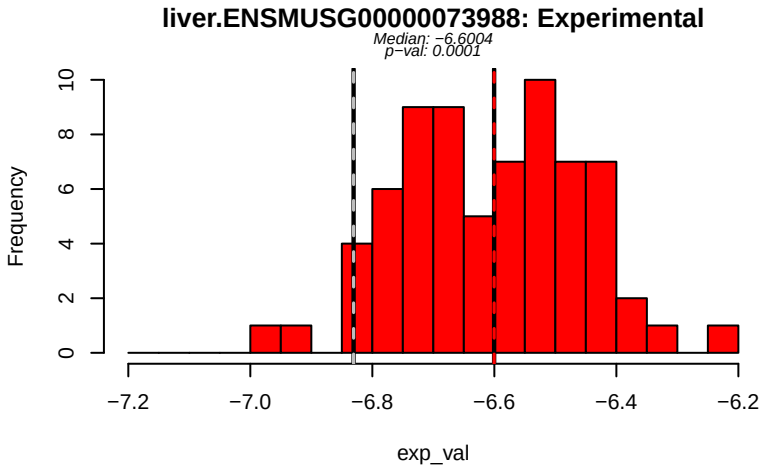
p−val: 0.0001
Frequency
exp_val


liver.ENSMUSG00000073988: Reference
Median: −6.8307
Frequency
ref_val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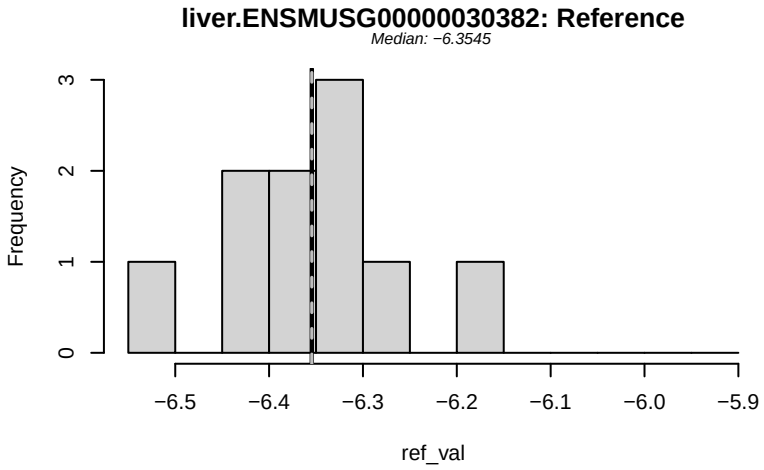
p−val: 0.0001
Frequency
exp_val


liver.ENSMUSG00000030382: Reference
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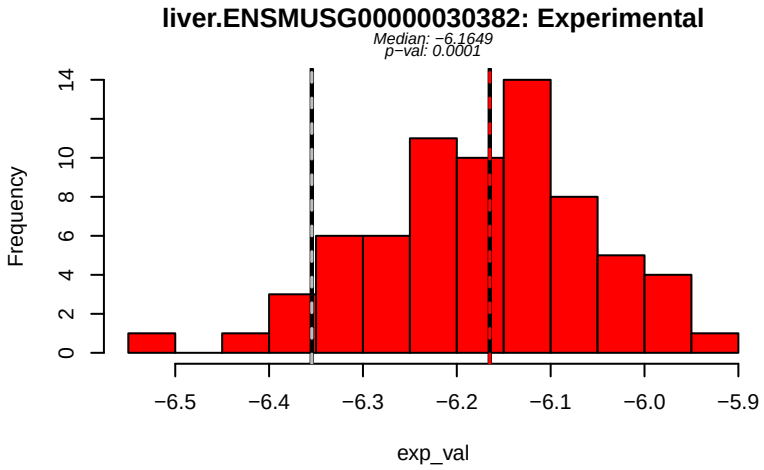
Frequency
ref_val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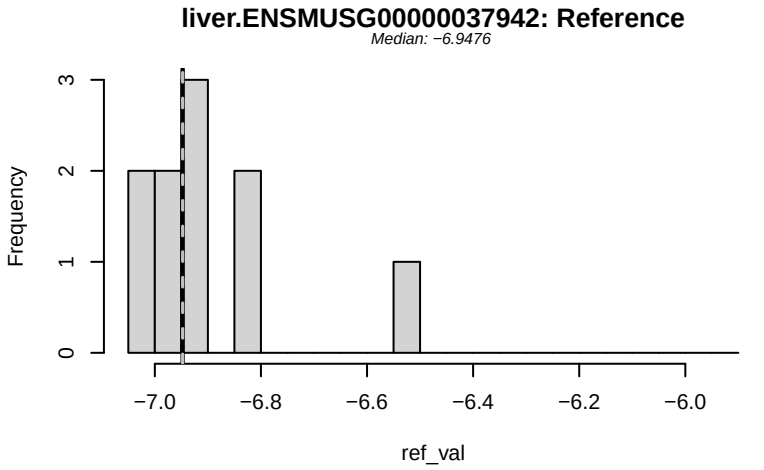
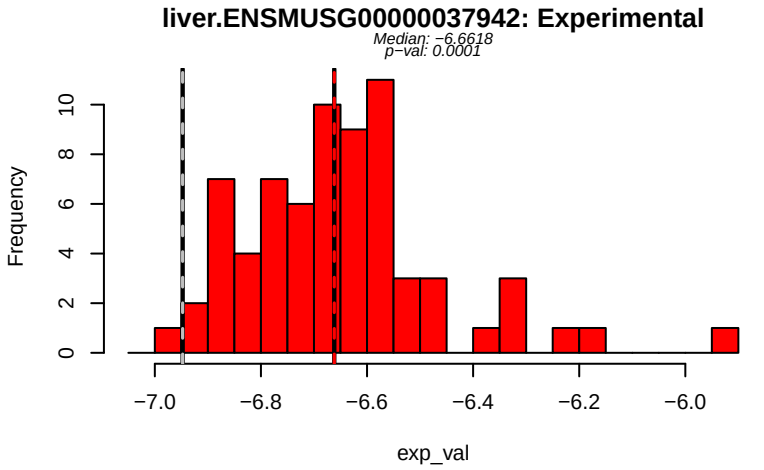
p−val: 0.0001
Frequency
exp_val


liver.ENSMUSG00000037942: Reference
Median: −6.9476
Frequency
ref_val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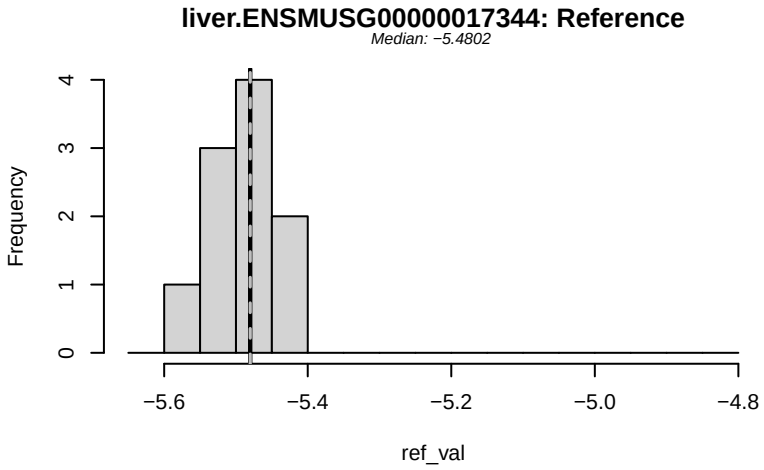
Frequency
exp_val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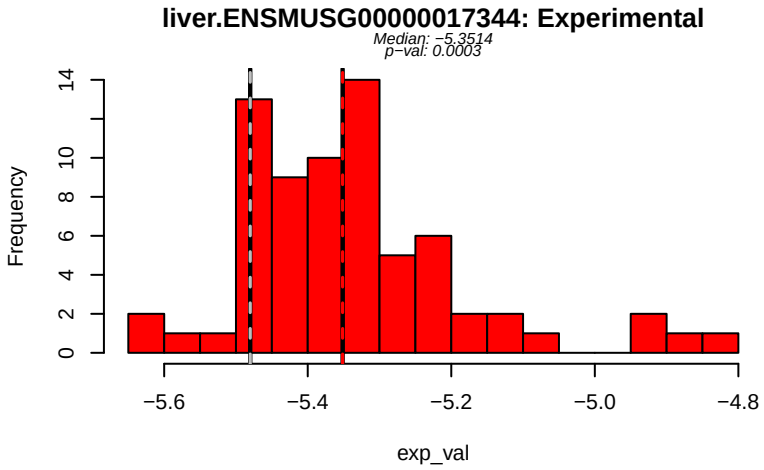
Frequency
ref_val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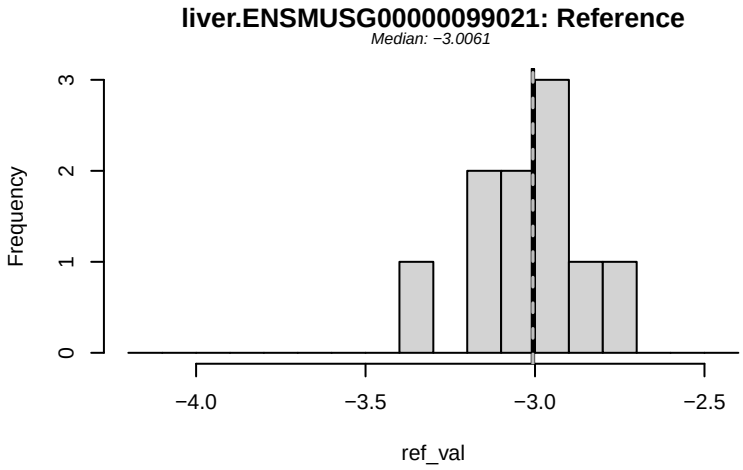
p−val: 0.0003
Frequency
exp_val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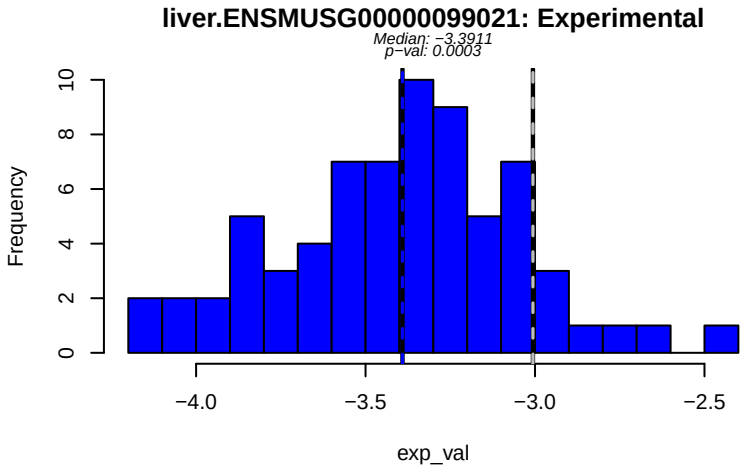
Median: −3.0061
Frequency
ref_val


liver.ENSMUSG00000099021: Experimental
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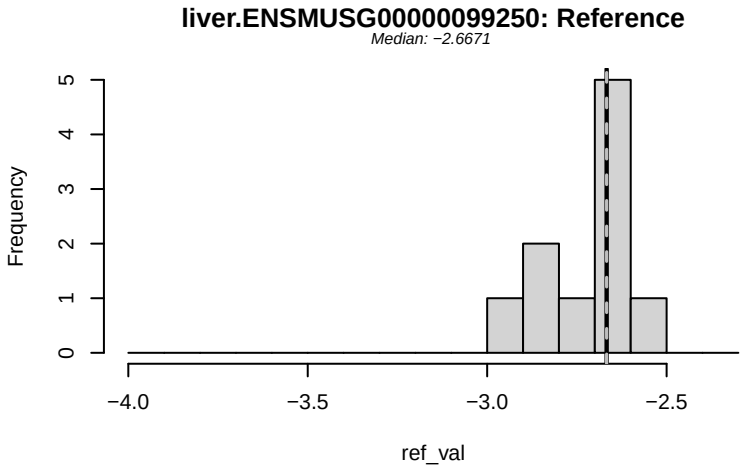
p−val: 0.0003
Frequency
exp_val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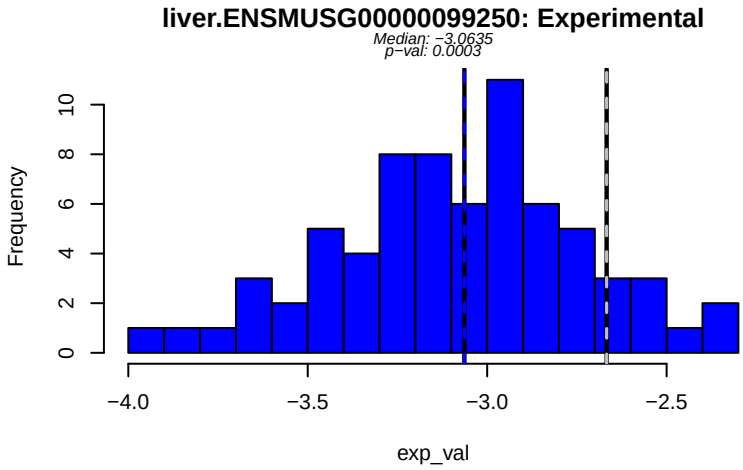
Median: −2.6671
Frequency
ref_val


liver.ENSMUSG00000099250: Experimental
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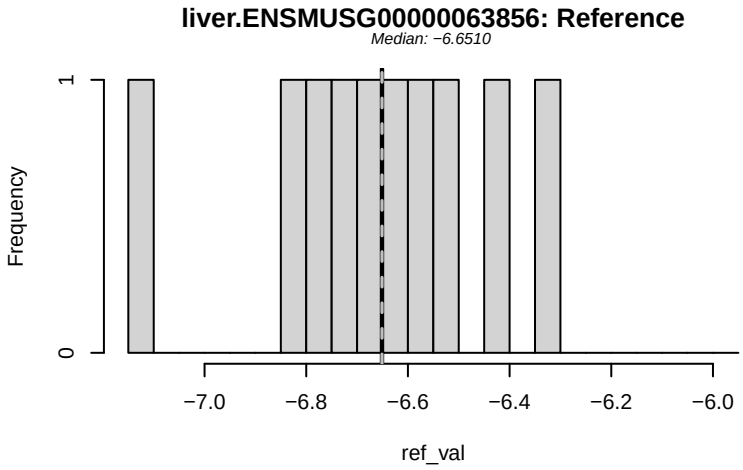
Frequency
exp_val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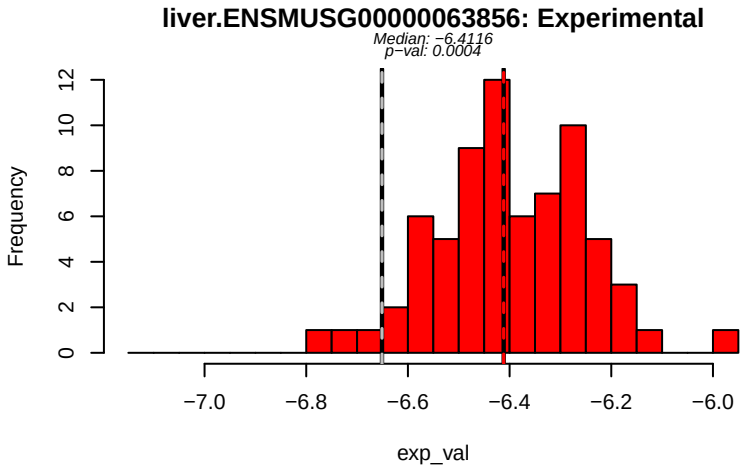
Median: −6.6510
Frequency
ref_val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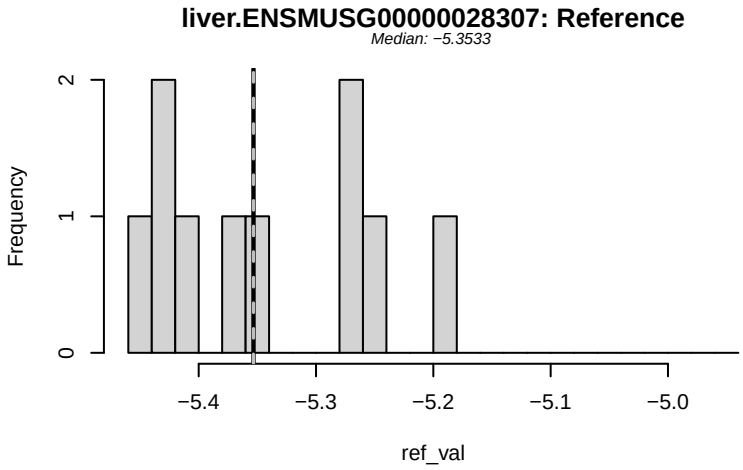
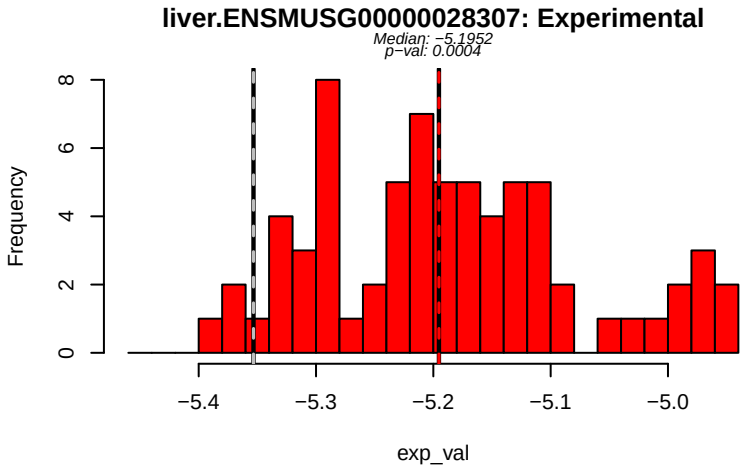
Frequency
exp_val


liver.ENSMUSG00000028307: Reference
Median: −5.3533
Frequency
ref_val


liver.ENSMUSG00000028307: Experimental
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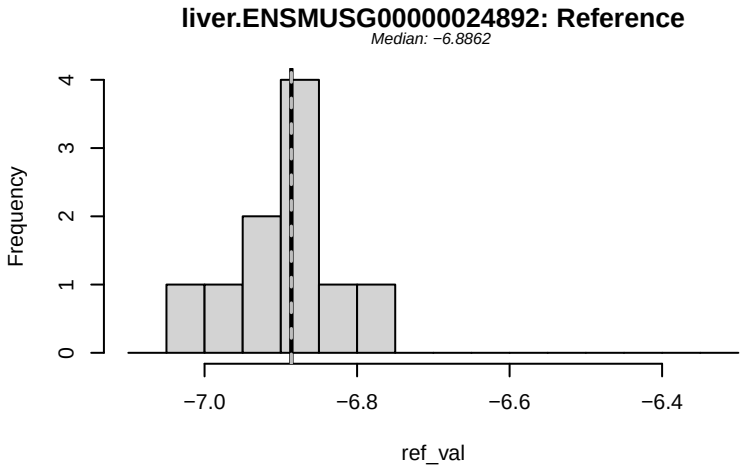
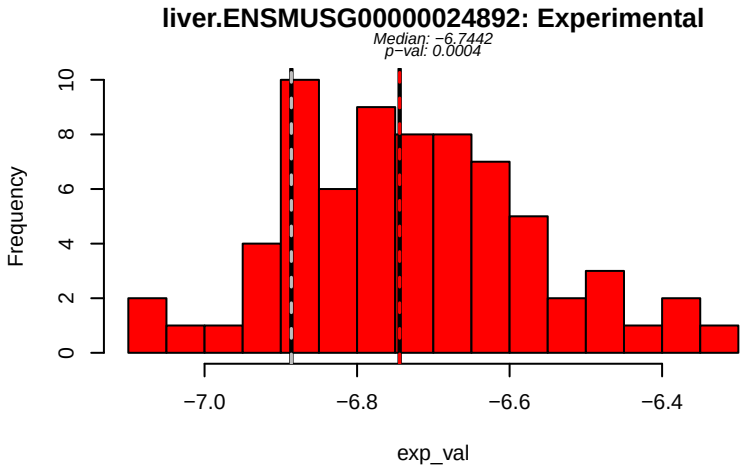
p−val: 0.0004
Frequency
exp_val


liver.ENSMUSG00000024892: Reference
Median: −6.8862
Frequency
ref_val


liver.ENSMUSG00000024892: Experimental
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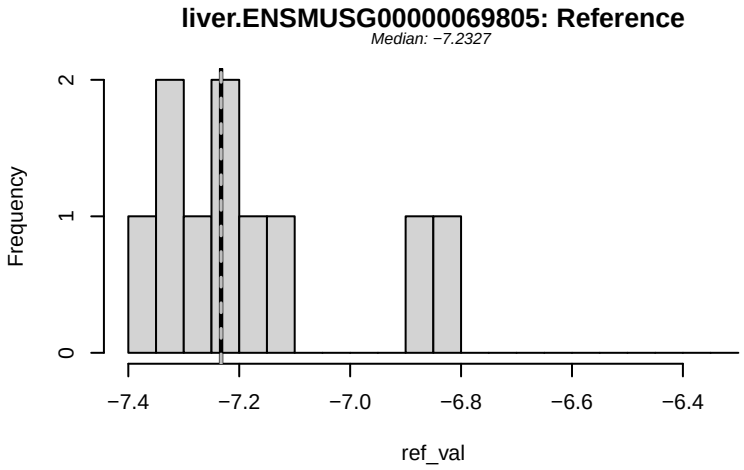
Frequency
exp_val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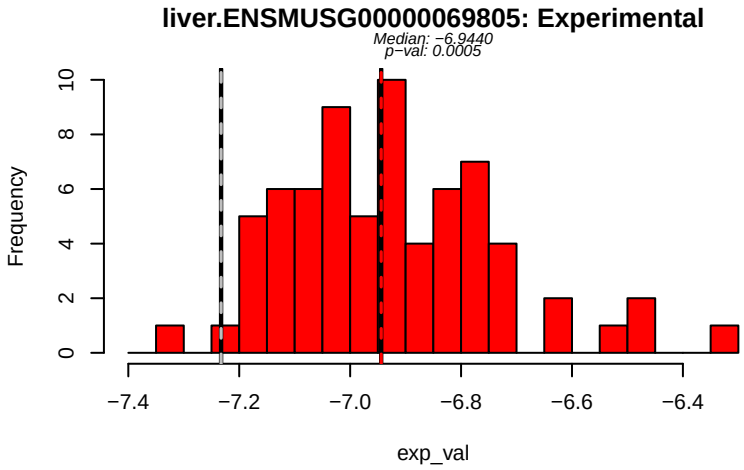
Frequency
ref_val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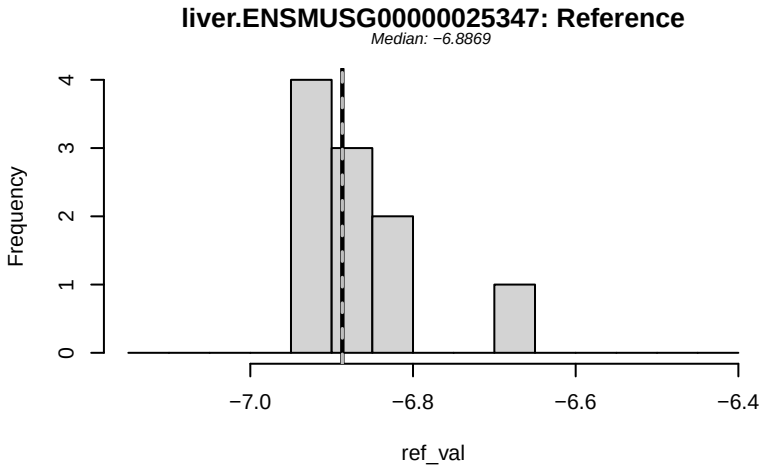
Frequency
exp_val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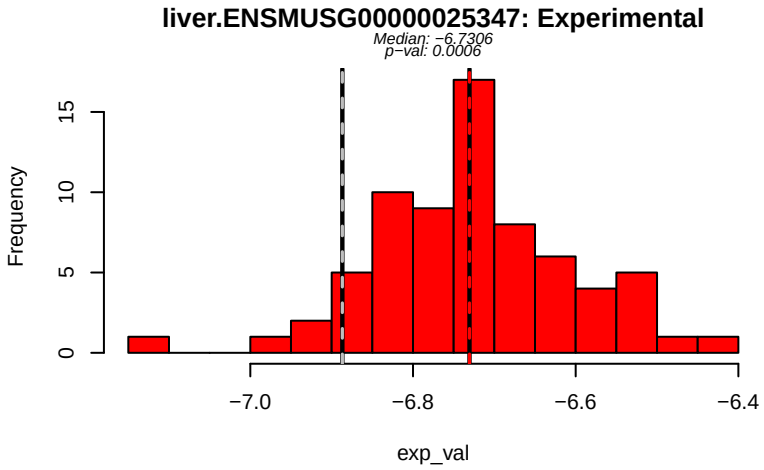
Median: −6.8869
Frequency
ref_val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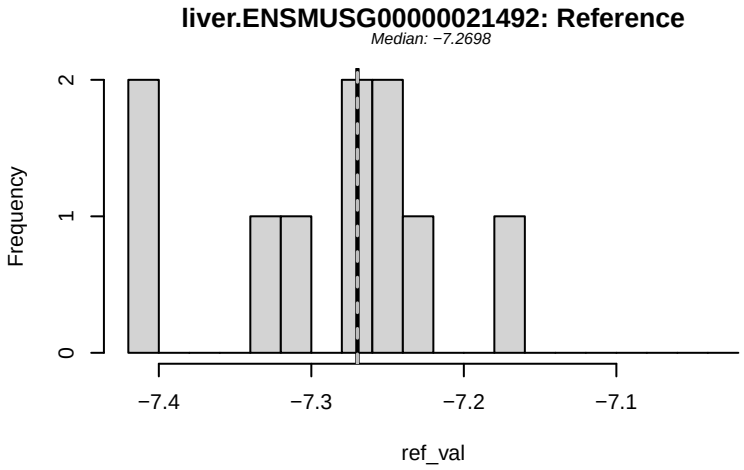
Frequency
exp_val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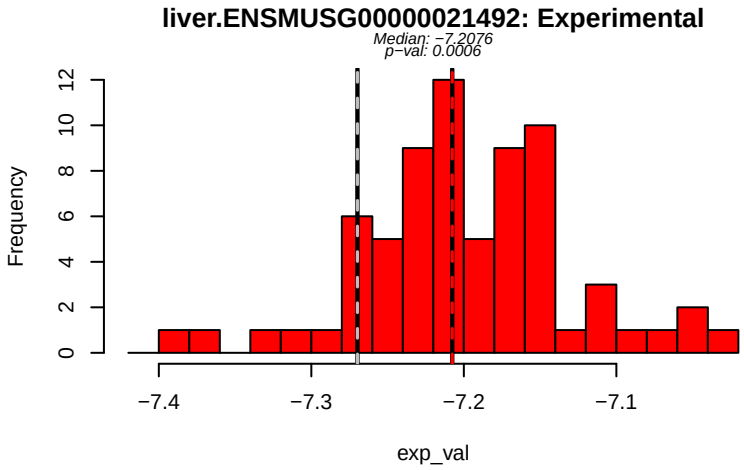
Median: −7.2698
Frequency
ref_val


liver.ENSMUSG00000021492: Experimental
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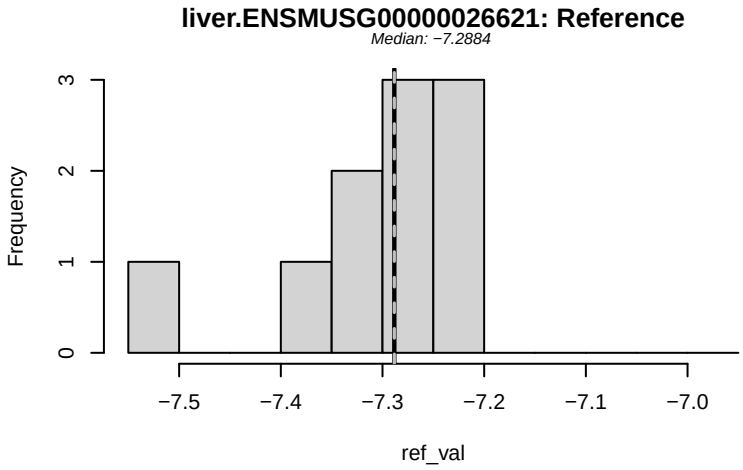
Frequency
exp_val


liver.ENSMUSG00000026621: Reference
Median: −7.2884
Frequency
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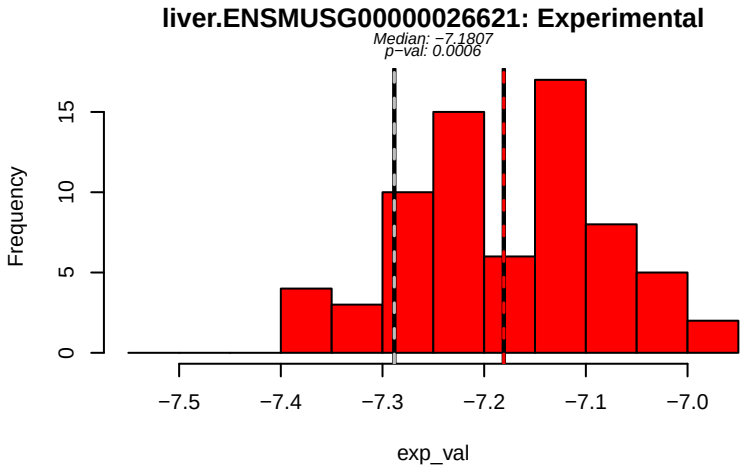
liver.ENSMUSG00000026621: Experimental
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Frequency
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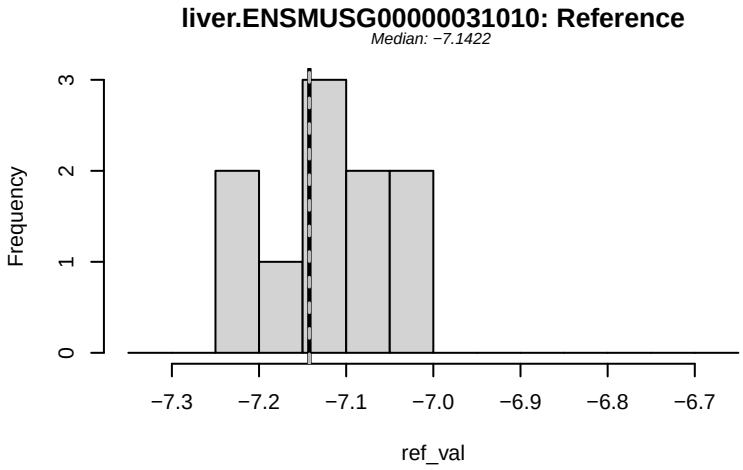
liver.ENSMUSG00000031010: Reference
Median: −7.1422
Frequency
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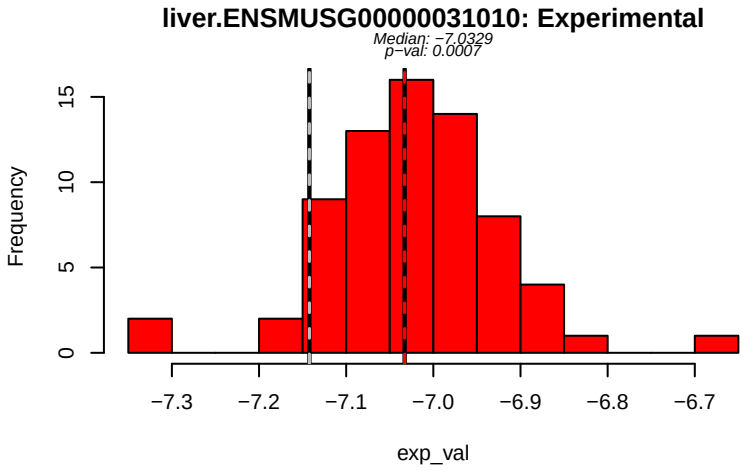
liver.ENSMUSG00000031010: Experimental
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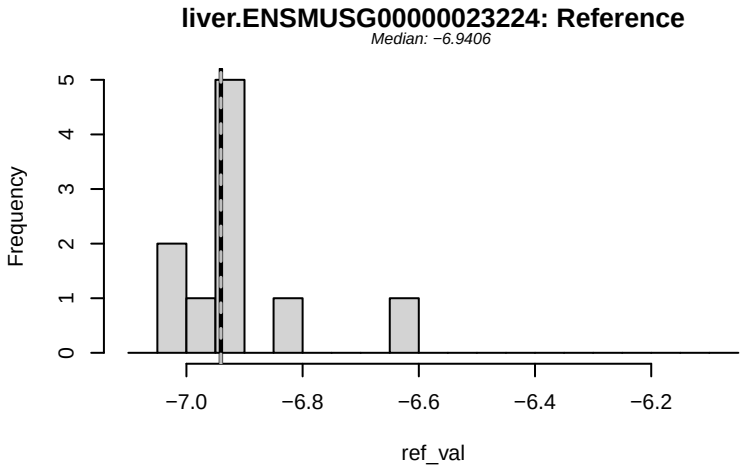
exp_val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Frequency
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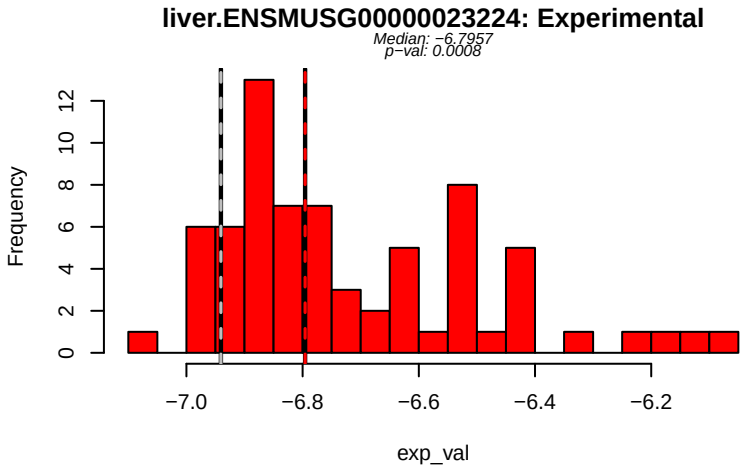
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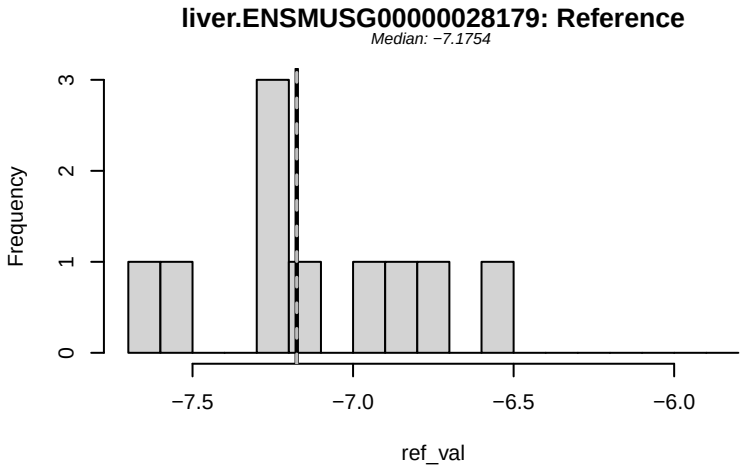
Frequency
exp_val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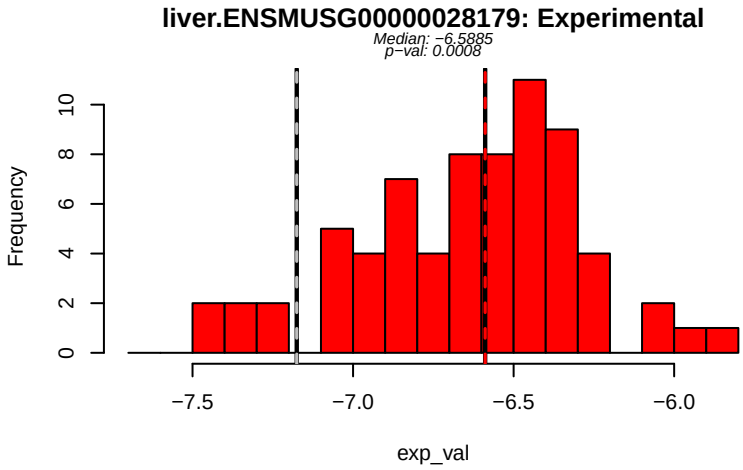
Median: −7.1754
Frequency
ref_val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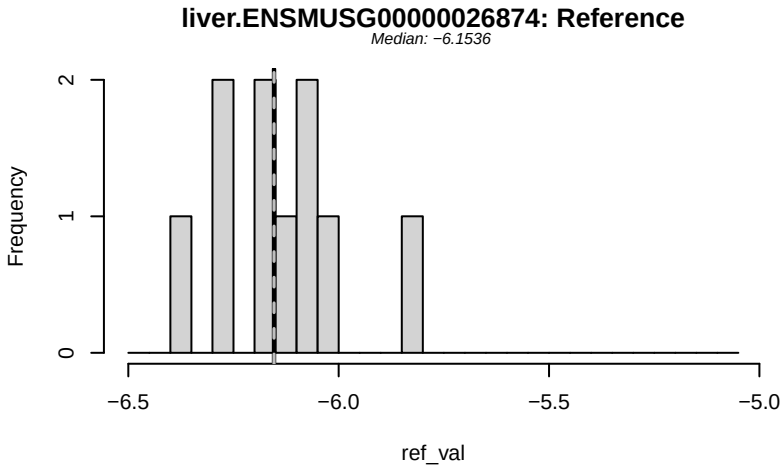
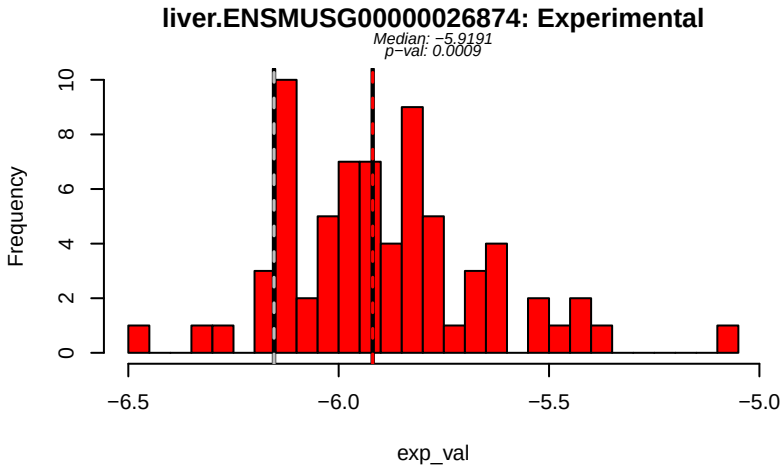
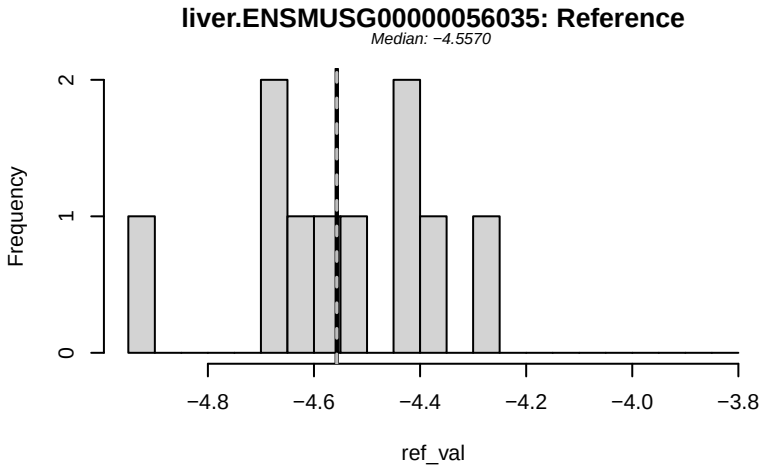
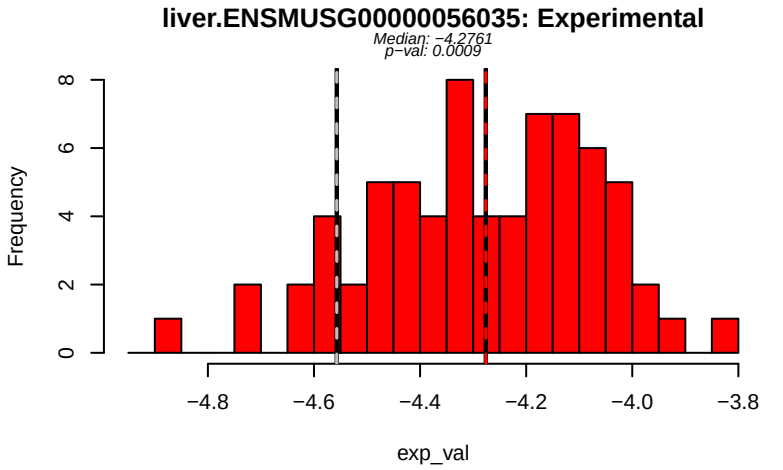

liver.ENSMUSG00000026874: Reference
Median: −6.1536
Frequency
ref_val


liver.ENSMUSG00000026874: Experimental
Median: −5.9191
p−val: 0.0009
Frequency
exp_val


liver.ENSMUSG00000056035: Reference
Median: −4.5570
Frequency
ref_val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Median: −4.2761
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Frequency
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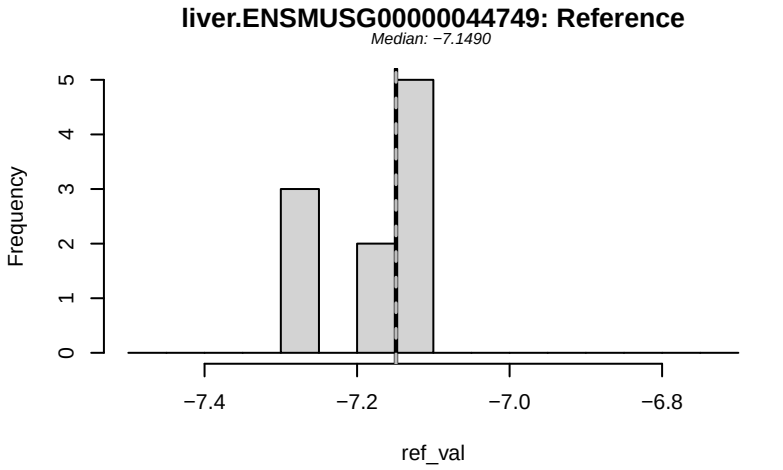
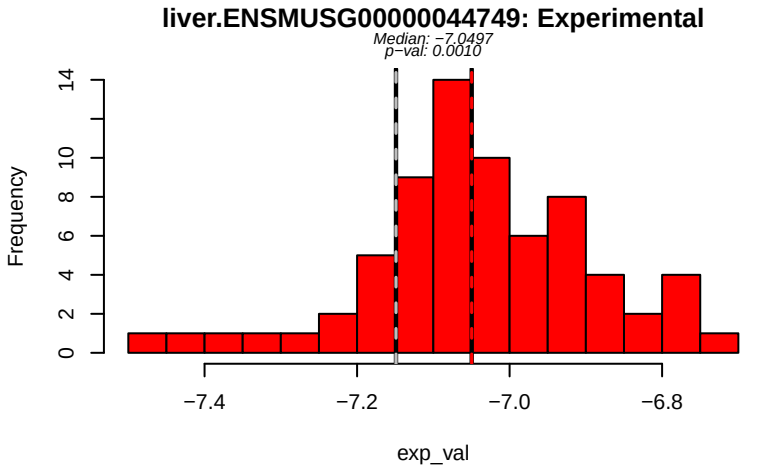
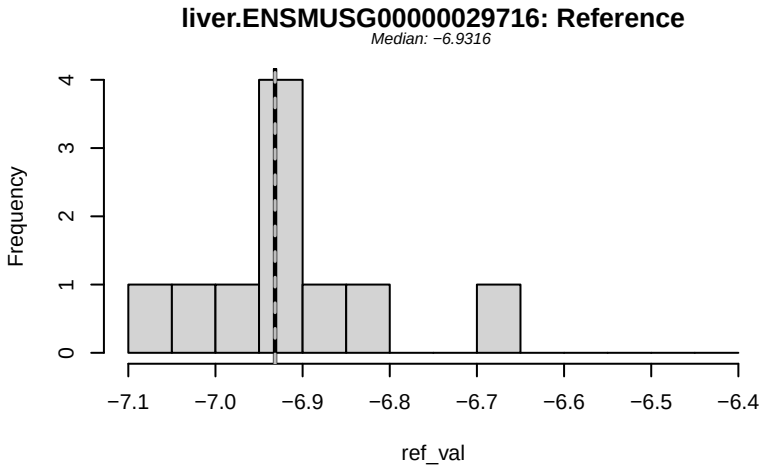
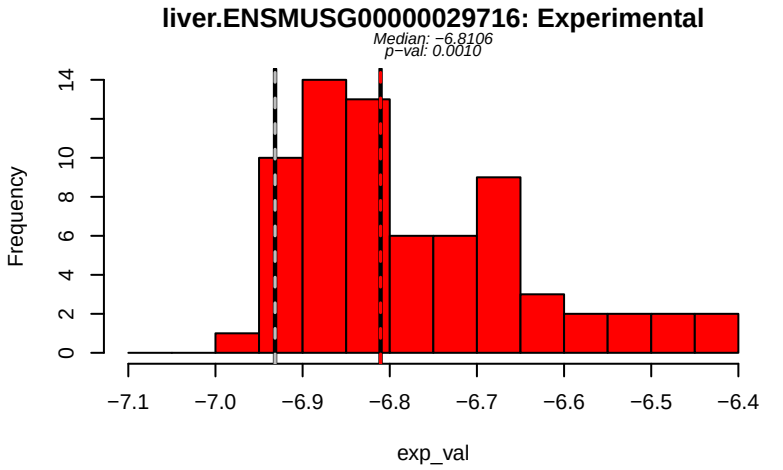
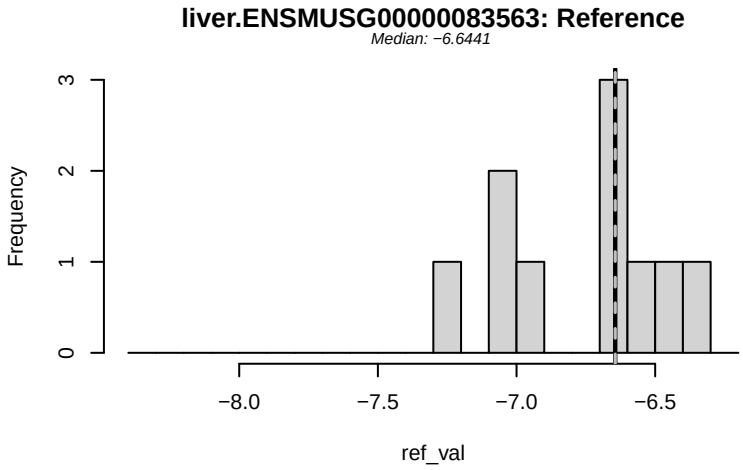
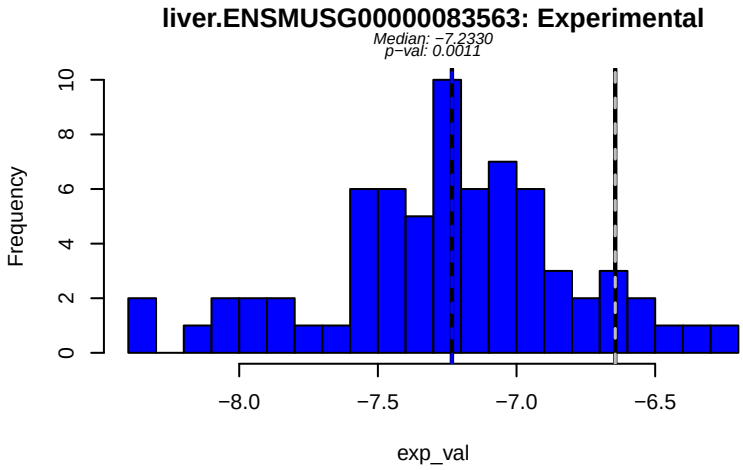

liver.ENSMUSG00000044749: Reference
Median: −7.1490
Frequency
ref_val

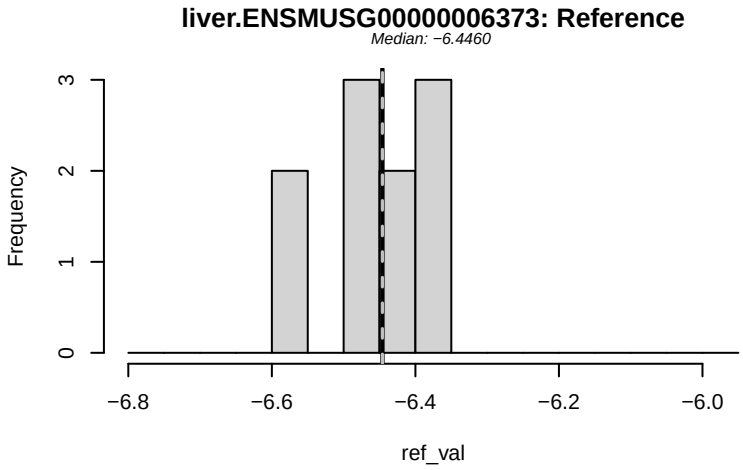

liver.ENSMUSG00000044749: Experimental
Median: −7.0497
p−val: 0.0010
Frequency
exp_val

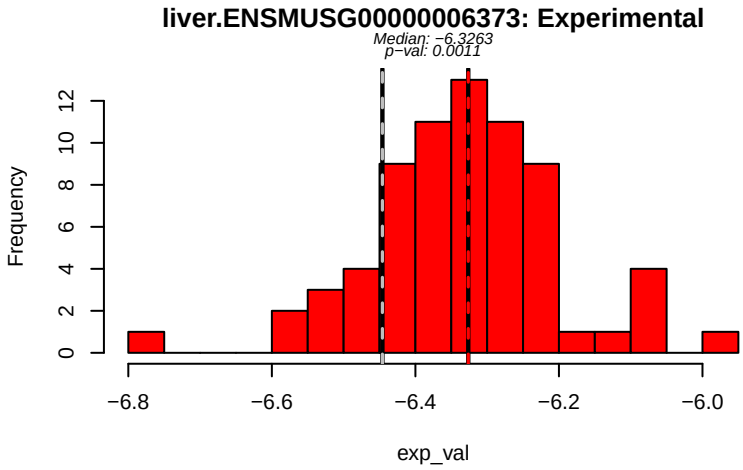

liver.ENSMUSG00000029716: Reference
Median: −6.9316
Frequency
ref_val

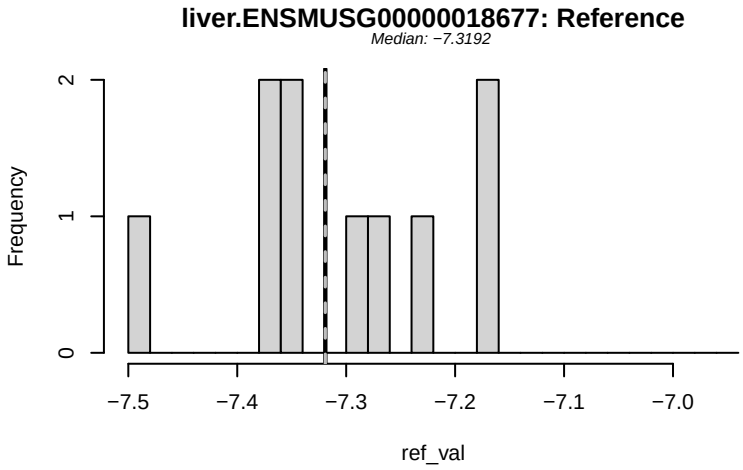

liver.ENSMUSG00000029716: Experimental
Median: −6.8106
p−val: 0.0010
Frequency
exp_val

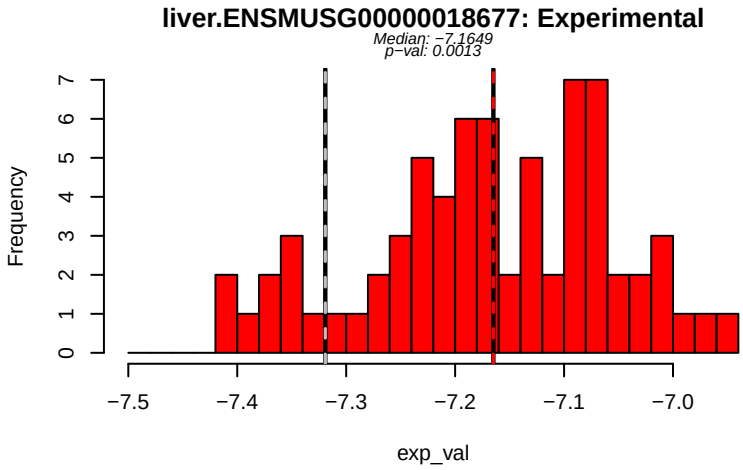

liver.ENSMUSG00000083563: Reference
Median: −6.6441
Frequency
ref_val

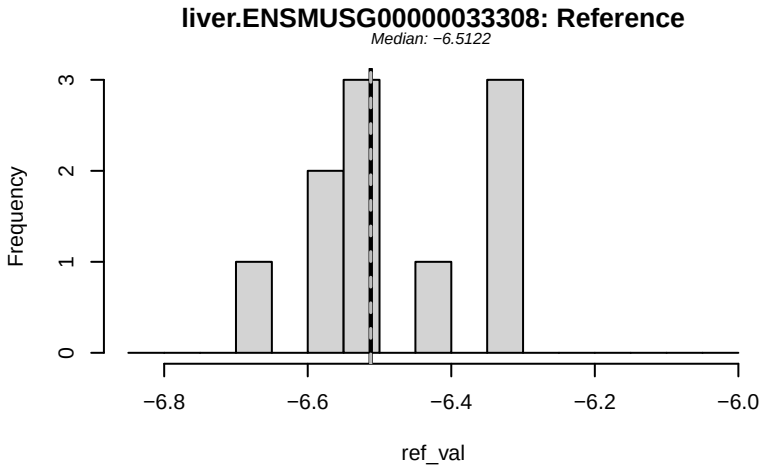

liver.ENSMUSG00000083563: Experimental
Median: −7.2330
p−val: 0.0011
Frequency
exp_val

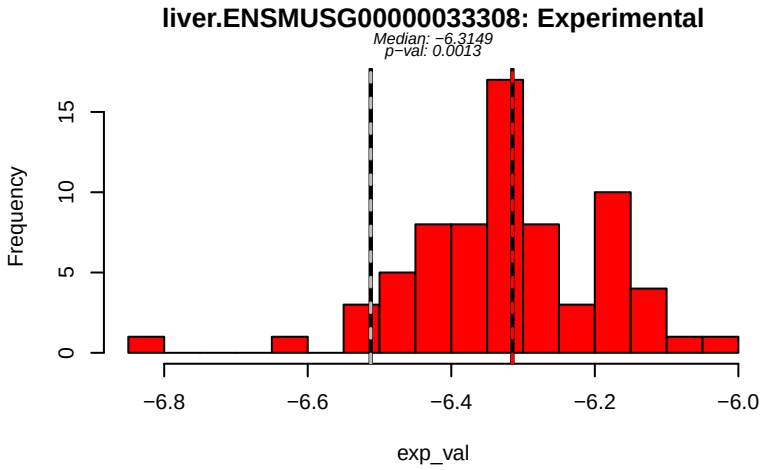

liver.ENSMUSG00000006373: Reference
Median: −6.4460
Frequency
ref_val

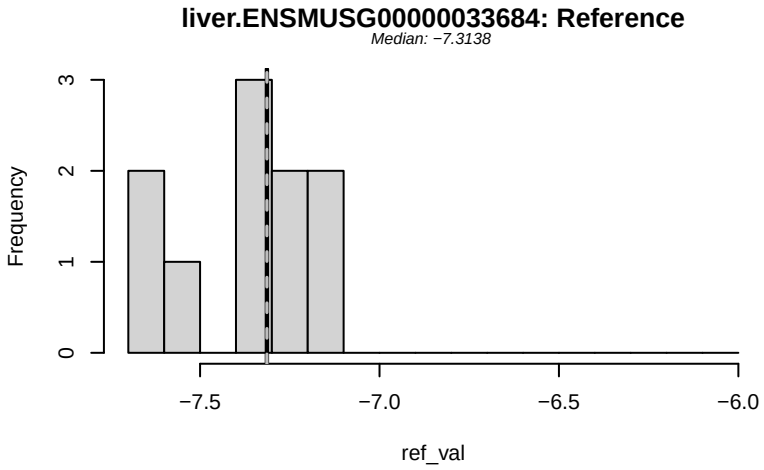

liver.ENSMUSG00000006373: Experimental
Median: −6.3263
p−val: 0.0011
Frequency
exp_val

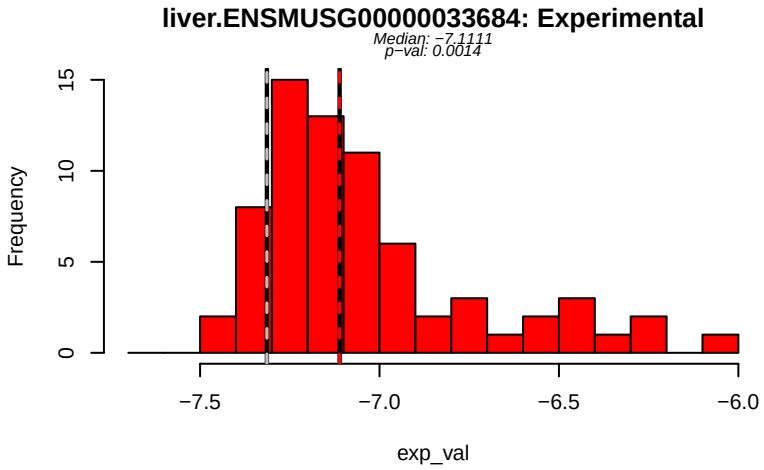

liver.ENSMUSG00000018677: Reference
Median: −7.3192
Frequency
ref_val

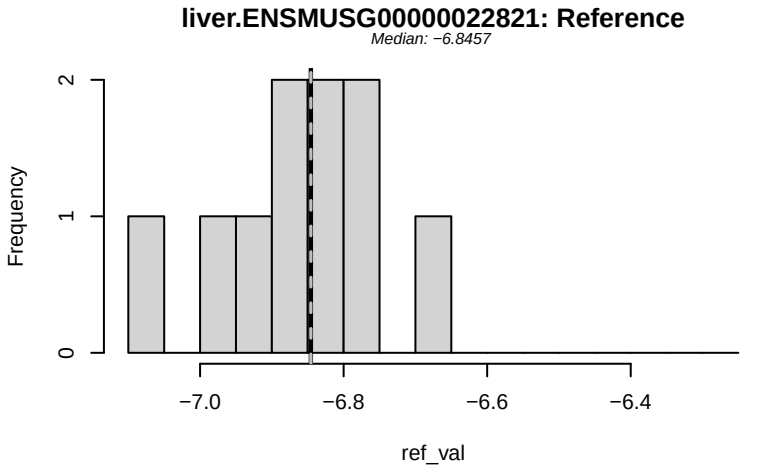

liver.ENSMUSG00000018677: Experimental
Median: −7.1649
p−val: 0.0013
Frequency
exp_val

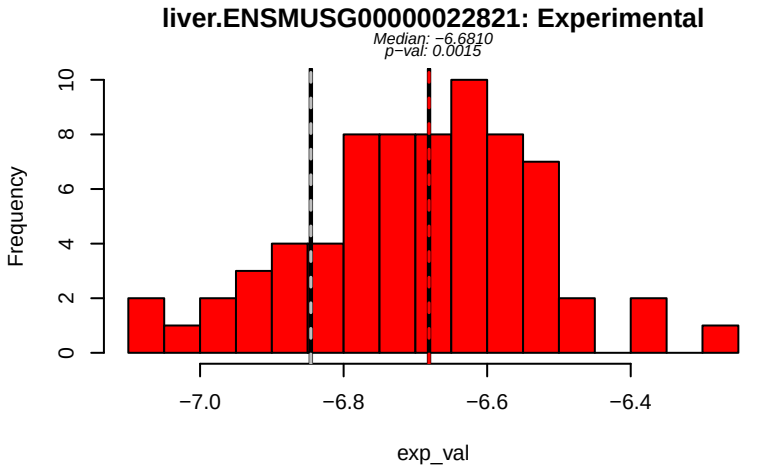

liver.ENSMUSG00000033308: Reference
Median: −6.5122
Frequency
ref_val

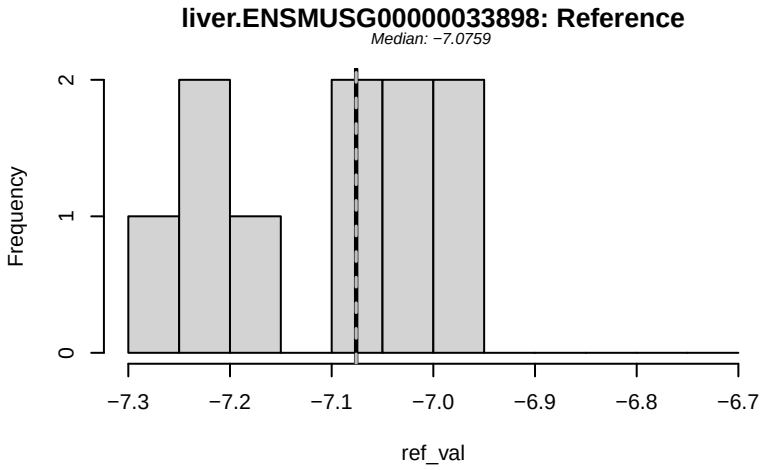

liver.ENSMUSG00000033308: Experimental
Median: −6.3149
p−val: 0.0013
Frequency
exp_val

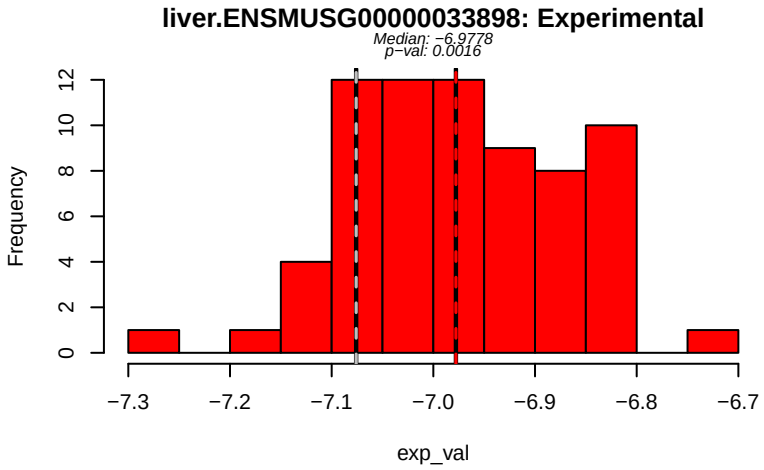

liver.ENSMUSG00000033684: Reference
Median: −7.3138
Frequency
ref_val

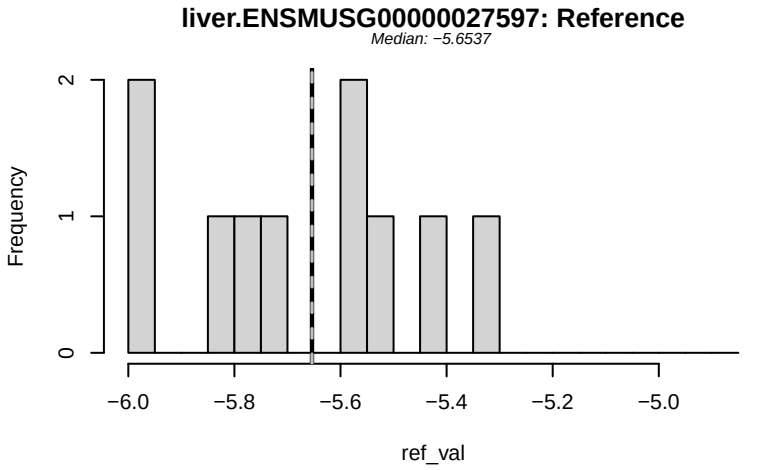

liver.ENSMUSG00000033684: Experimental
Median: −7.1111
p−val: 0.0014
Frequency
exp_val

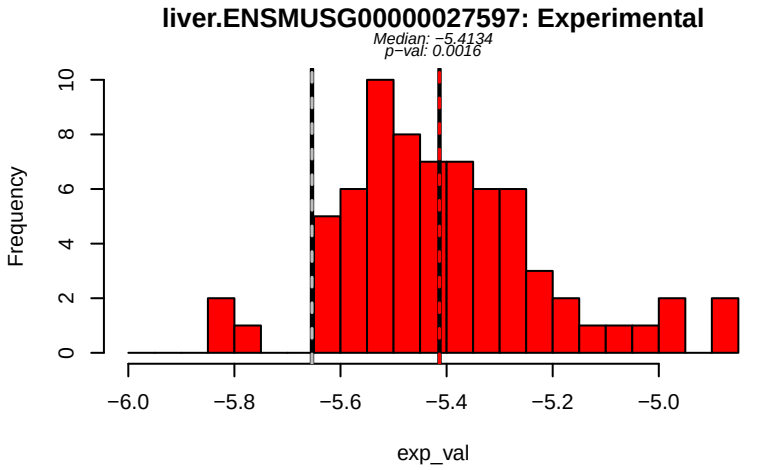

liver.ENSMUSG00000022821: Reference
Median: −6.8457
Frequency
ref_val

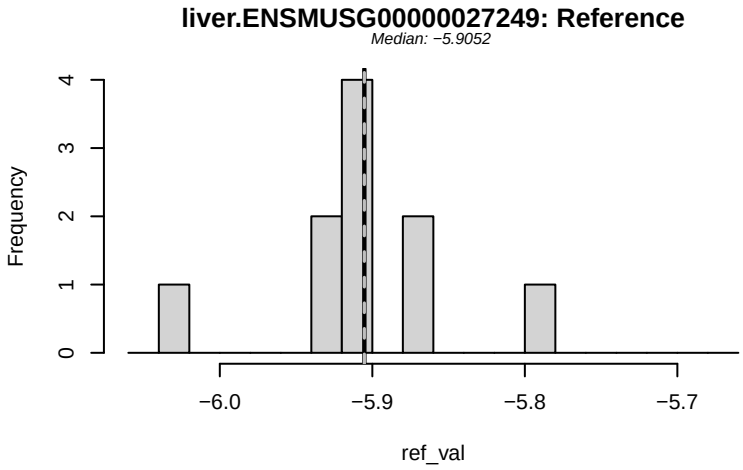

liver.ENSMUSG00000022821: Experimental
Median: −6.6810
p−val: 0.0015
Frequency
exp_val

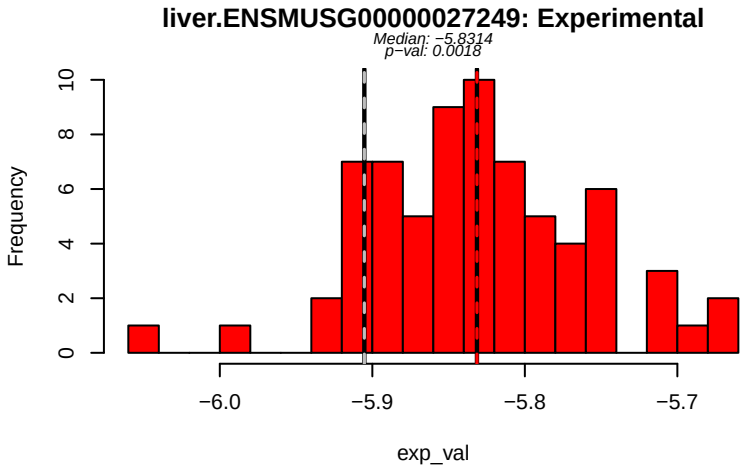

liver.ENSMUSG00000033898: Reference
Median: −7.0759
Frequency
ref_val

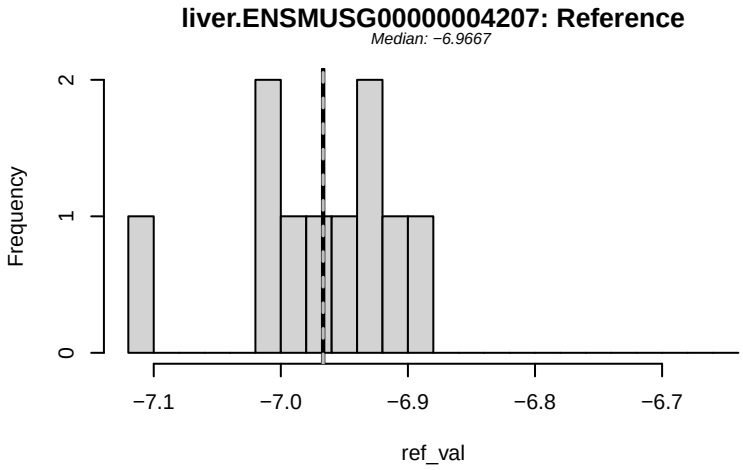

liver.ENSMUSG00000033898: Experimental
Median: −6.9778
p−val: 0.0016
Frequency
exp_val

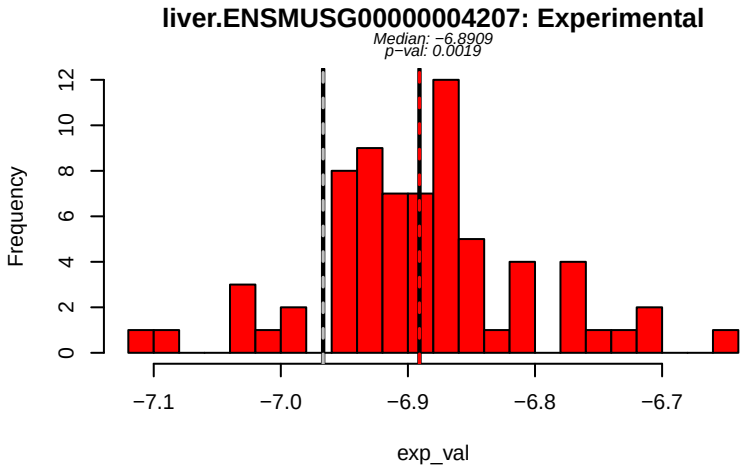

liver.ENSMUSG00000027597: Reference
Median: −5.6537
Frequency
ref_val

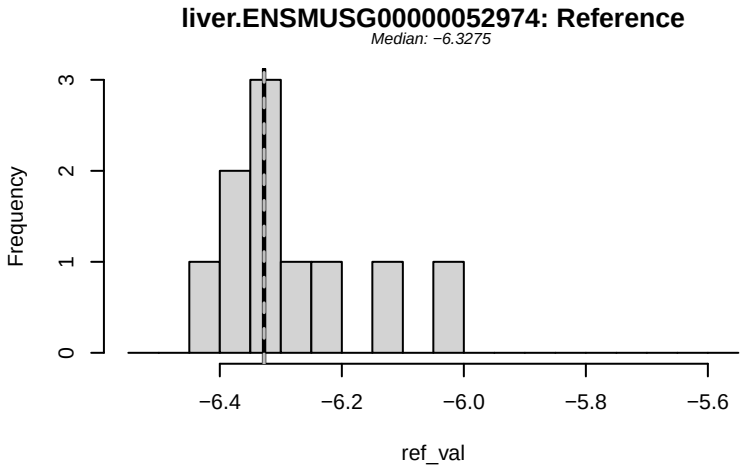

liver.ENSMUSG00000027597: Experimental
Median: −5.4134
p−val: 0.0016
Frequency
exp_val

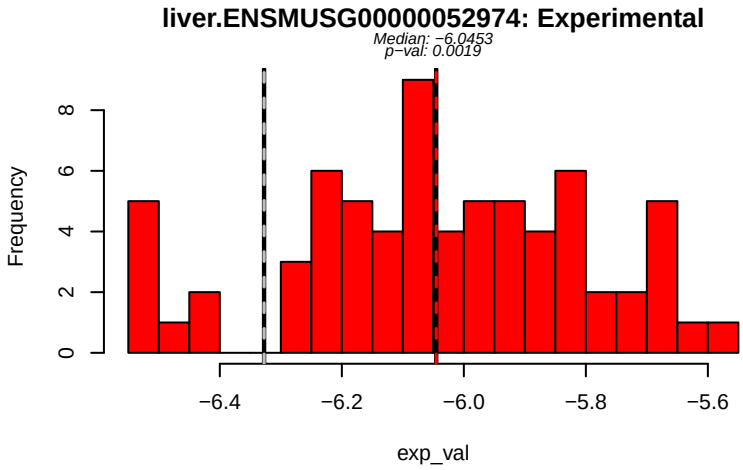

liver.ENSMUSG00000027249: Reference
Median: −5.9052
Frequency
ref_val

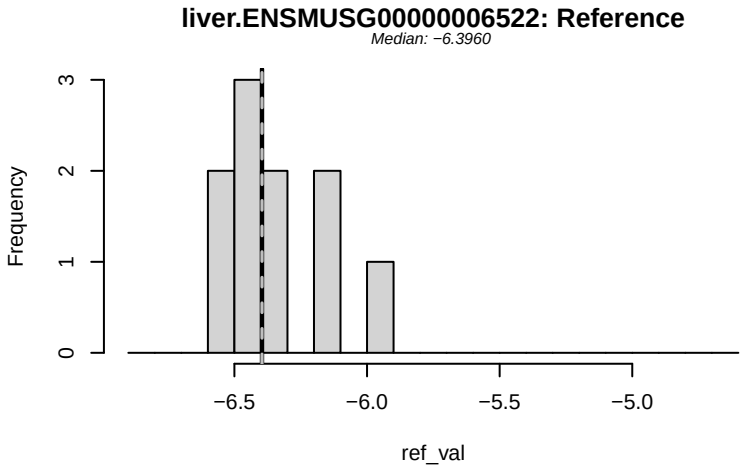

liver.ENSMUSG00000027249: Experimental
Median: −5.8314
p−val: 0.0018
Frequency
exp_val

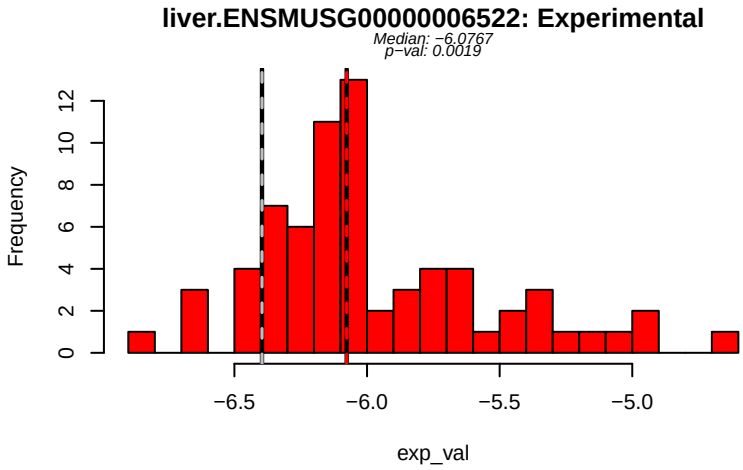

liver.ENSMUSG00000004207: Reference
Median: −6.9667
Frequency
ref_val

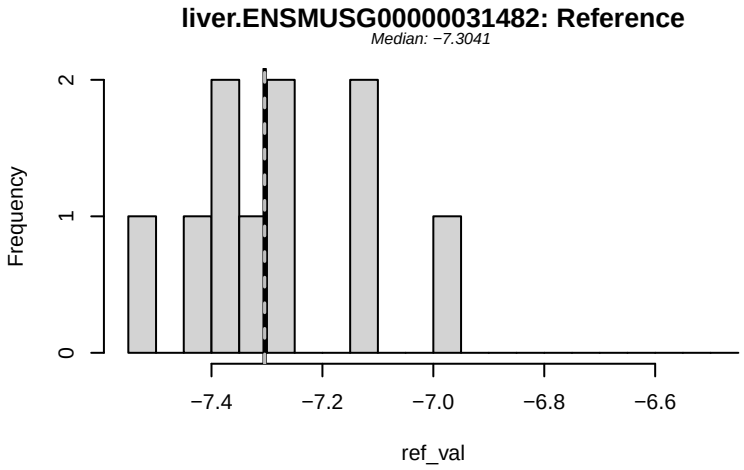

liver.ENSMUSG00000004207: Experimental
Median: −6.8909
p−val: 0.0019
Frequency
exp_val

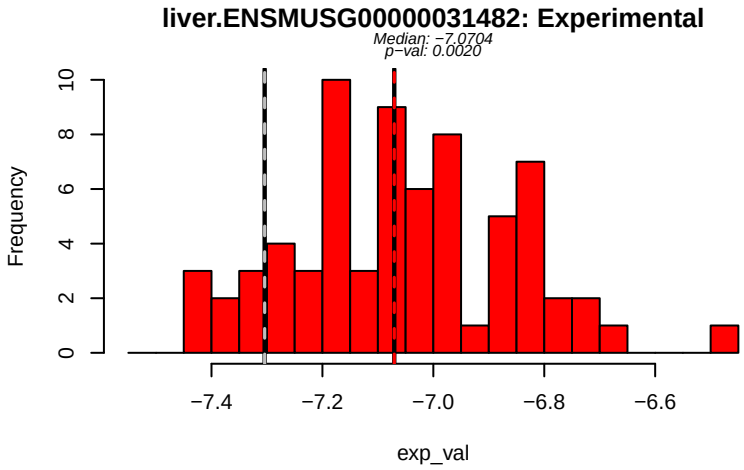

liver.ENSMUSG00000052974: Reference
Median: −6.3275
Frequency
ref_val

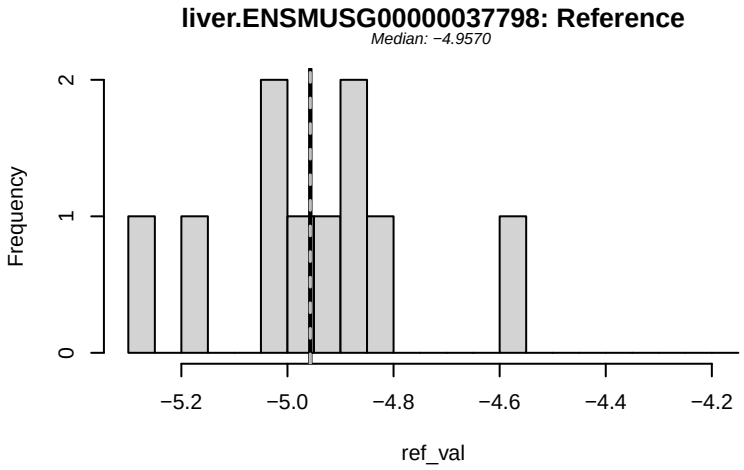

liver.ENSMUSG00000052974: Experimental
Median: −6.0453
p−val: 0.0019
Frequency
exp_val

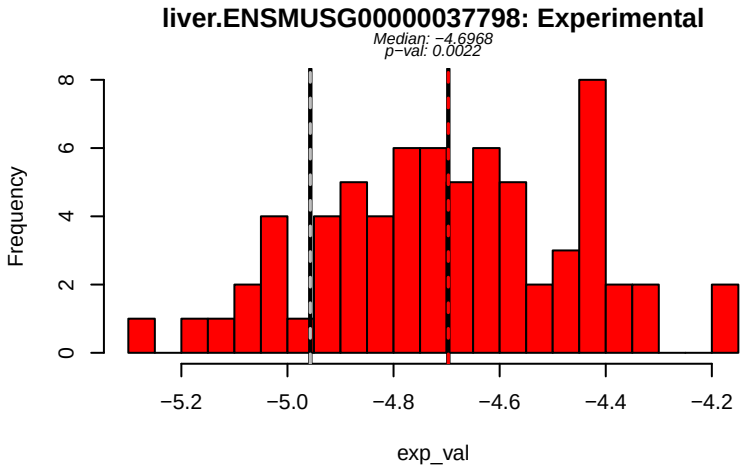

liver.ENSMUSG00000006522: Reference
Median: −6.3960
Frequency
ref_val

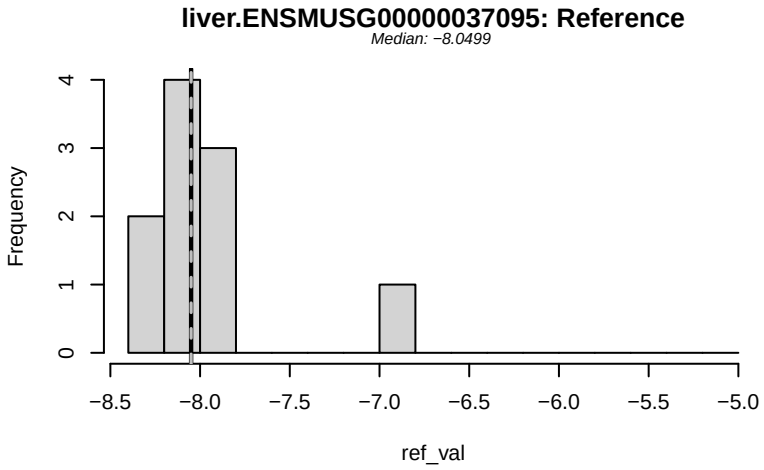

liver.ENSMUSG00000006522: Experimental
Median: −6.0767
p−val: 0.0019
Frequency
exp_val

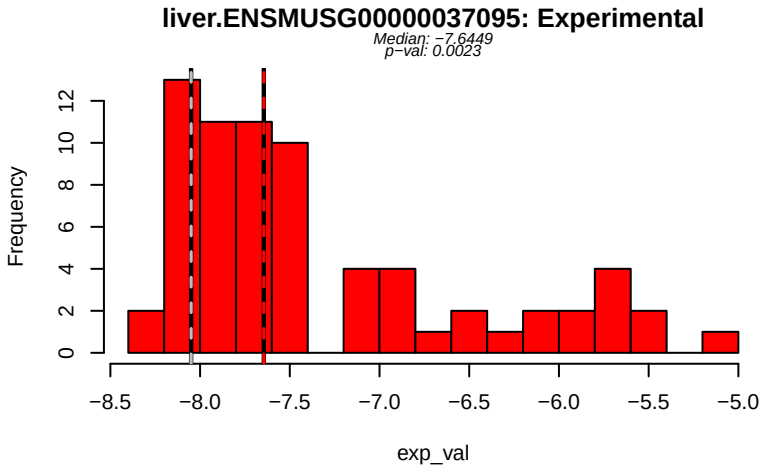

liver.ENSMUSG00000031482: Reference
Median: −7.3041
Frequency
ref_val

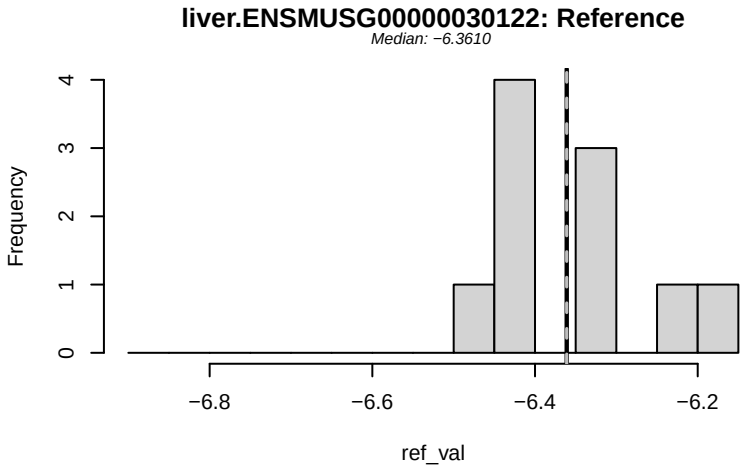

liver.ENSMUSG00000031482: Experimental
Median: −7.0704
p−val: 0.0020
Frequency
exp_val

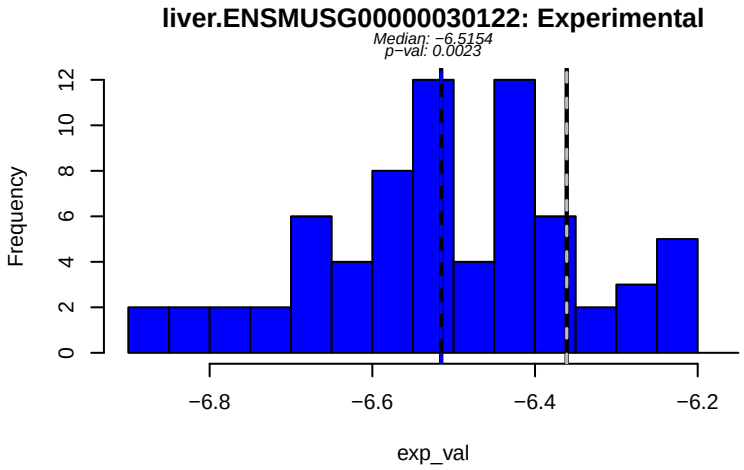

liver.ENSMUSG00000037798: Reference
Median: −4.9570
Frequency
ref_val

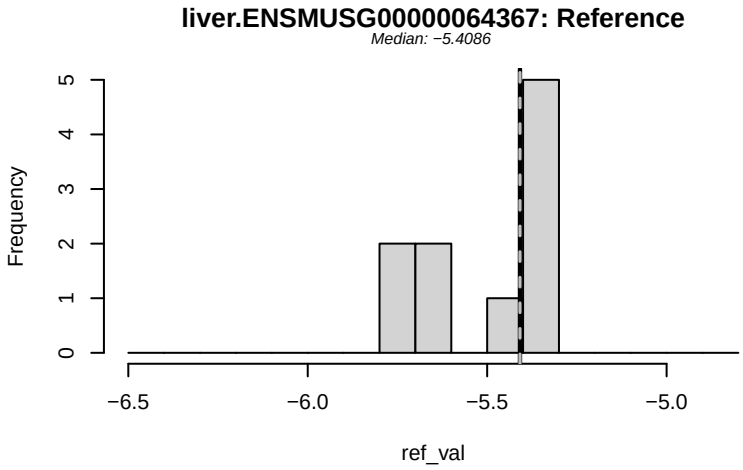

liver.ENSMUSG00000037798: Experimental
Median: −4.6968
p−val: 0.0022
Frequency
exp_val

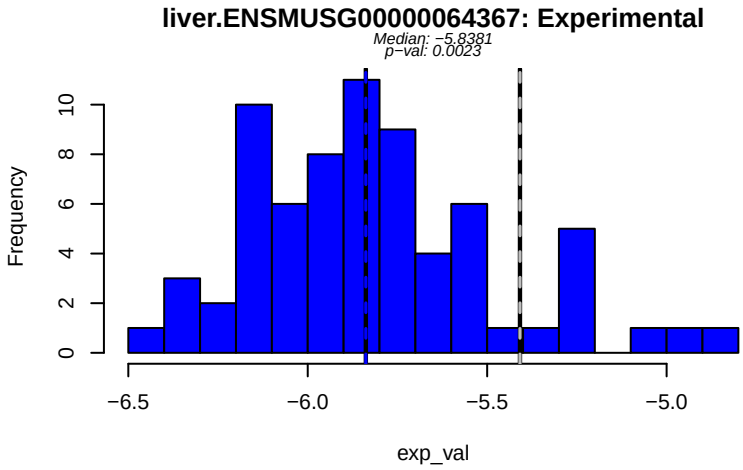

liver.ENSMUSG00000037095: Reference
Median: −8.0499
Frequency
ref_val

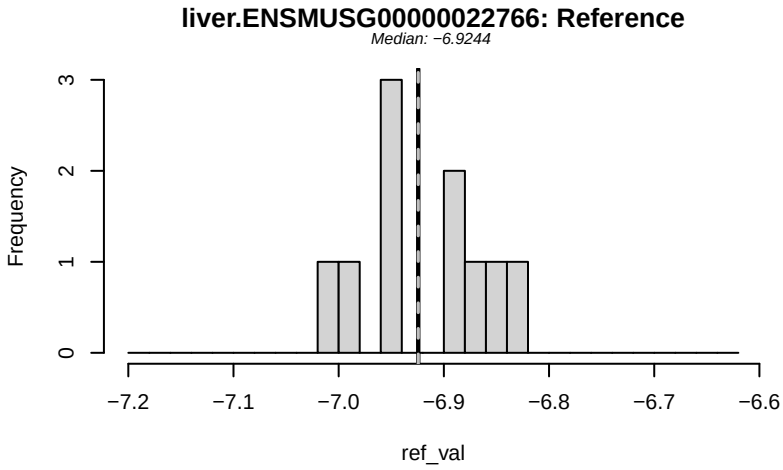

liver.ENSMUSG00000037095: Experimental
Median: −7.6449
p−val: 0.0023
Frequency
exp_val

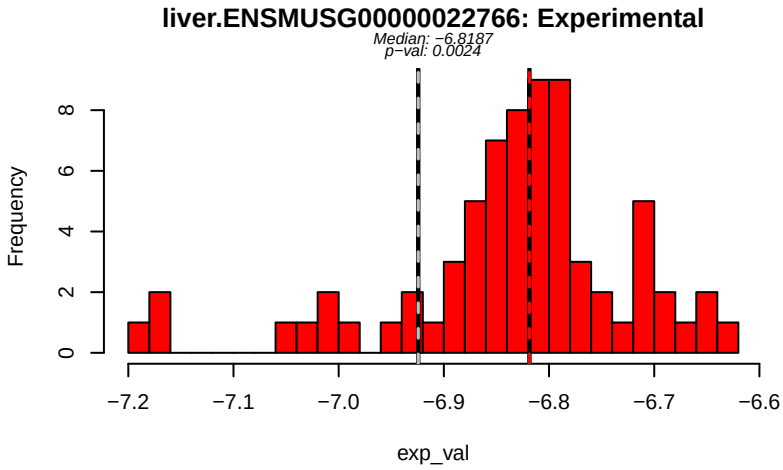

liver.ENSMUSG00000030122: Reference
Median: −6.3610
Frequency
ref_val

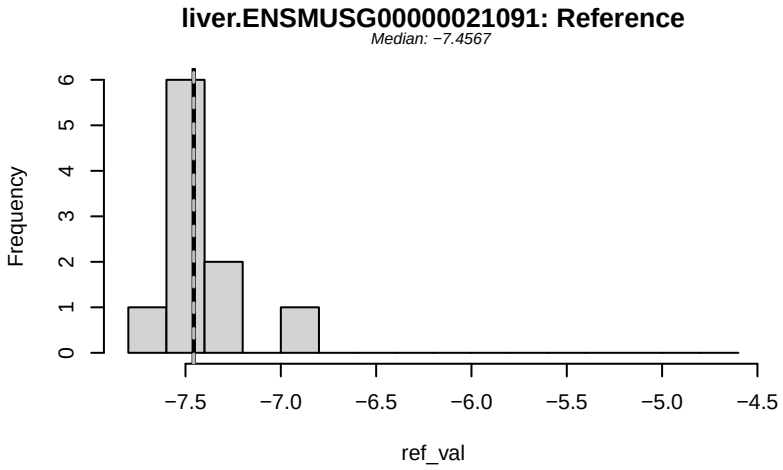

liver.ENSMUSG00000030122: Experimental
Median: −6.5154
p−val: 0.0023
Frequency
exp_val

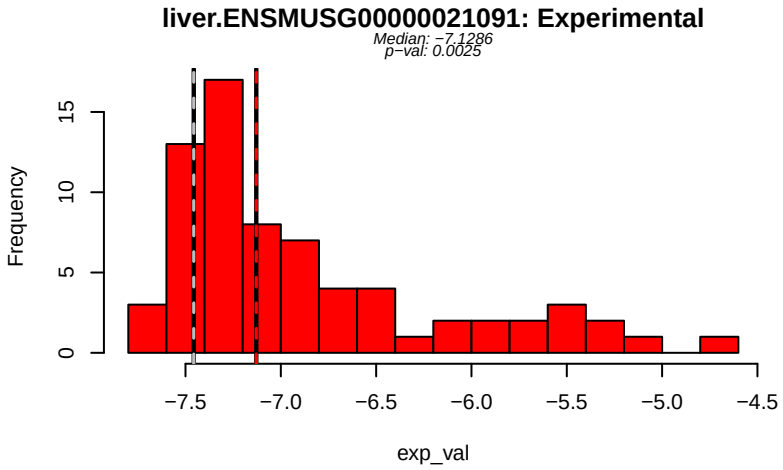

liver.ENSMUSG00000064367: Reference
Median: −5.4086
Frequency
ref_val

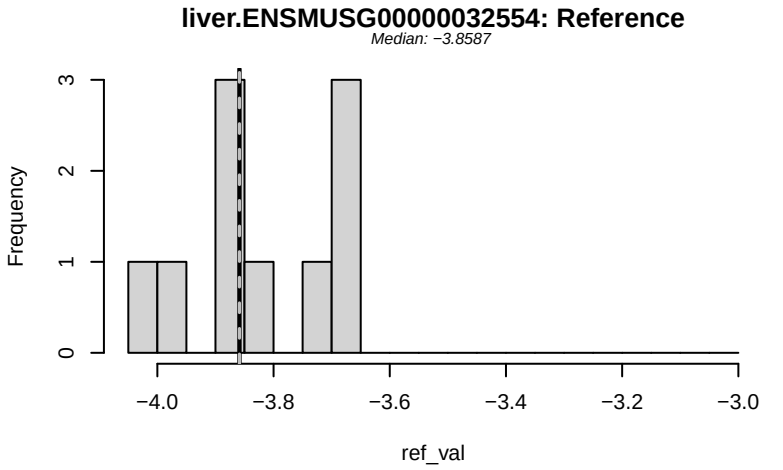

liver.ENSMUSG00000064367: Experimental
Median: −5.8381
p−val: 0.0023
Frequency
exp_val

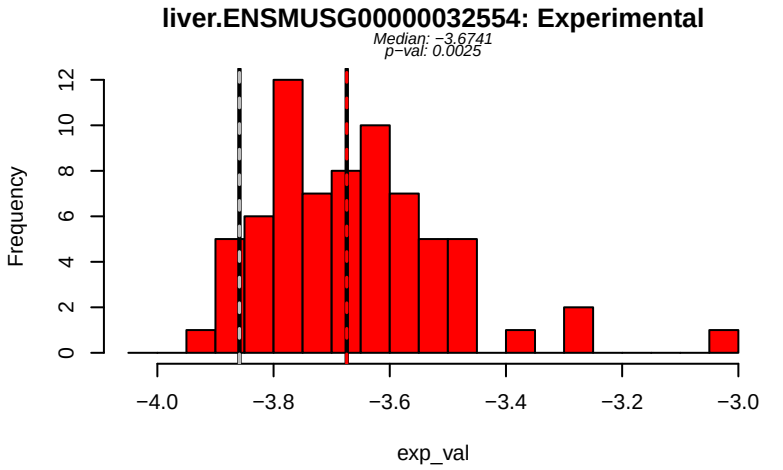

liver.ENSMUSG00000022766: Reference
Median: −6.9244
Frequency
ref_val

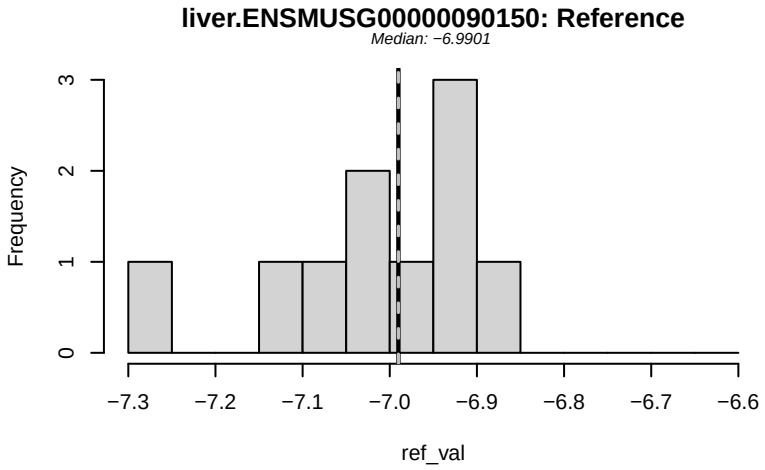

liver.ENSMUSG00000022766: Experimental
Median: −6.8187
p−val: 0.0024
Frequency
exp_val

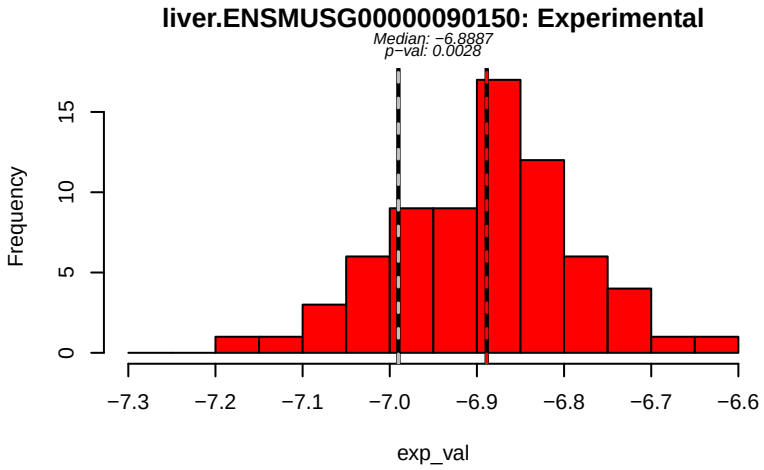

liver.ENSMUSG00000021091: Reference
Median: −7.4567
Frequency
ref_val

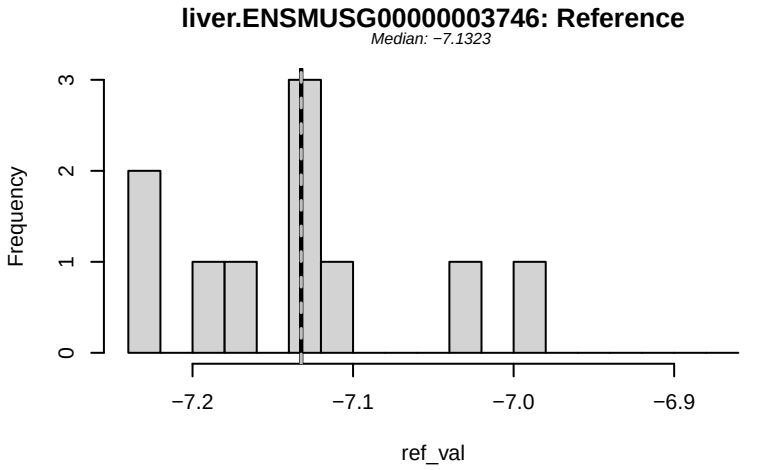

liver.ENSMUSG00000021091: Experimental
Median: −7.1286
p−val: 0.0025
Frequency
exp_val

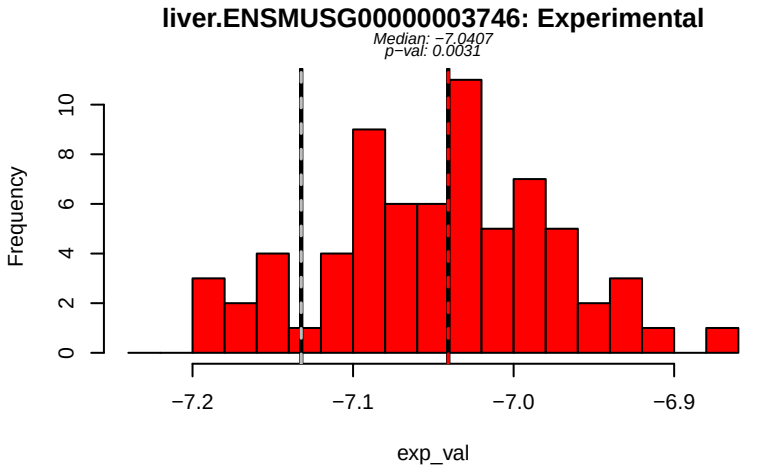

liver.ENSMUSG00000032554: Reference
Median: −3.8587
Frequency
ref_val

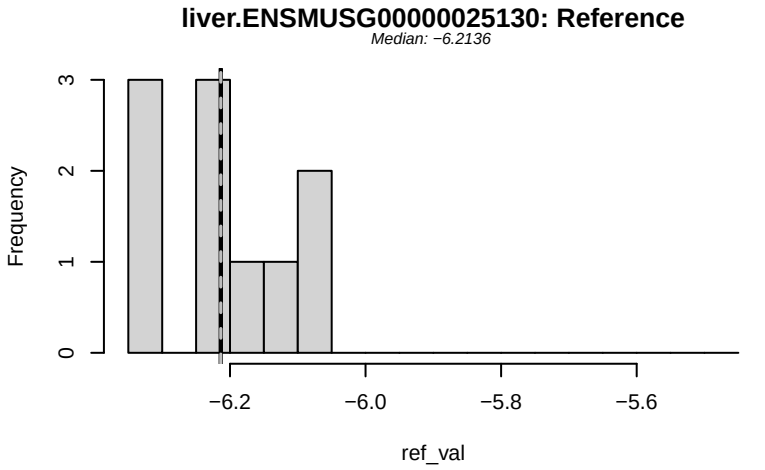

liver.ENSMUSG00000032554: Experimental
Median: −3.6741
p−val: 0.0025
Frequency
exp_val

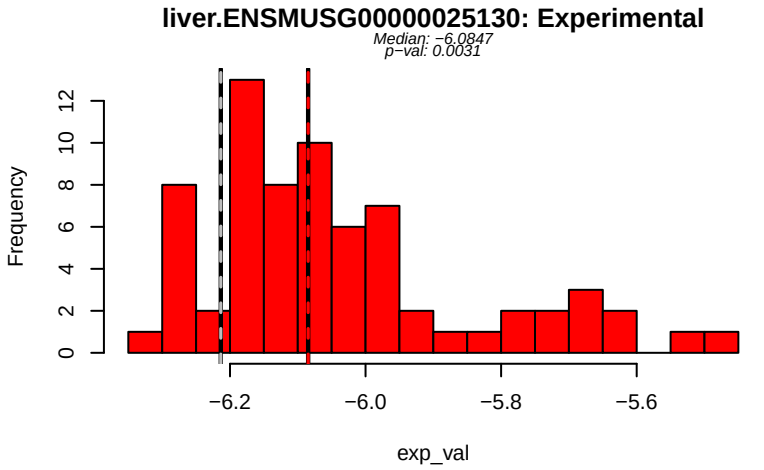

liver.ENSMUSG00000090150: Reference
Median: −6.9901
Frequency
ref_val

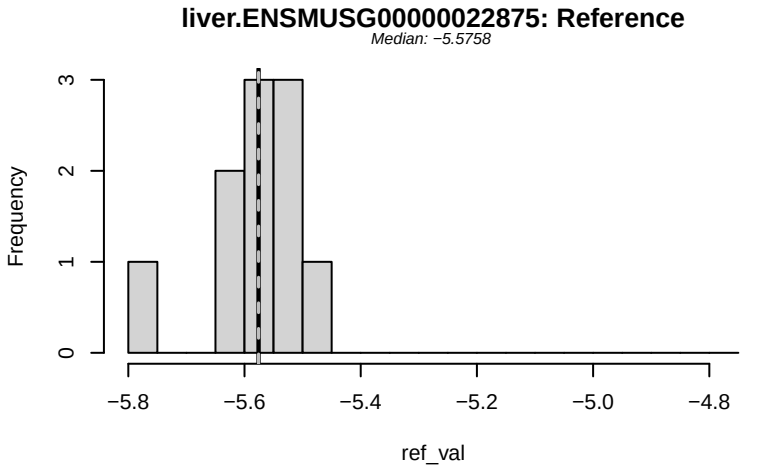

liver.ENSMUSG00000090150: Experimental
Median: −6.8887
p−val: 0.0028
Frequency
exp_val

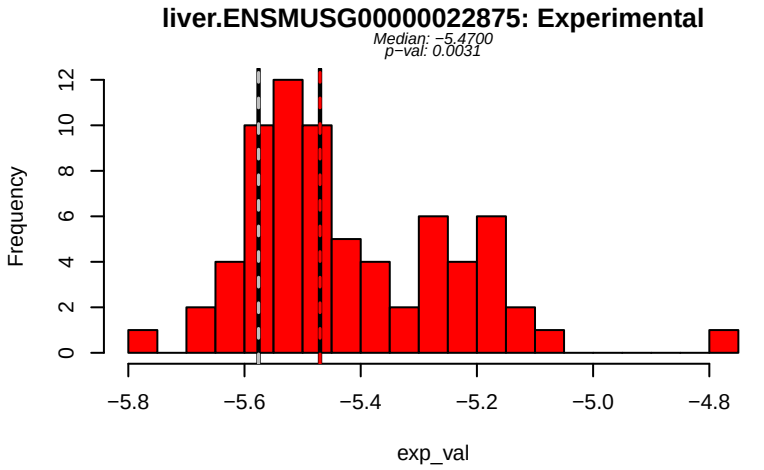

liver.ENSMUSG00000003746: Reference
Median: −7.1323
Frequency
ref_val

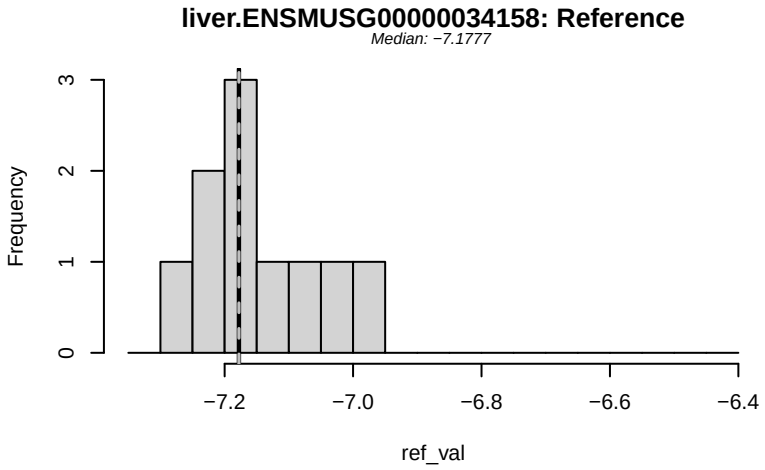

liver.ENSMUSG00000003746: Experimental
Median: −7.0407
p−val: 0.0031
Frequency
exp_val

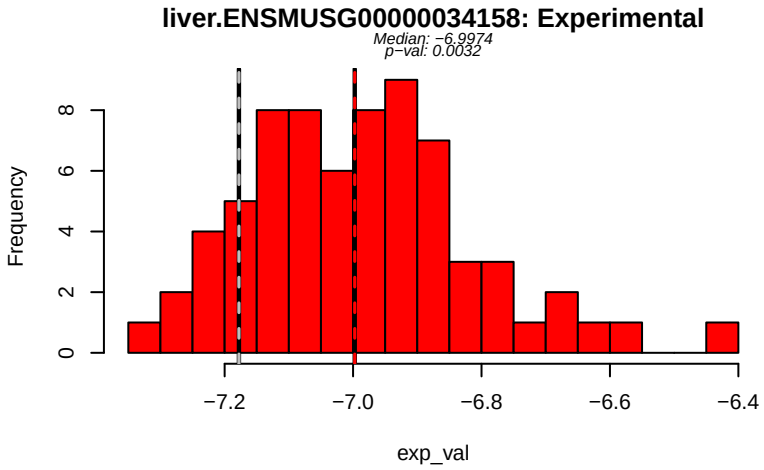

liver.ENSMUSG00000025130: Reference
Median: −6.2136
Frequency
ref_val

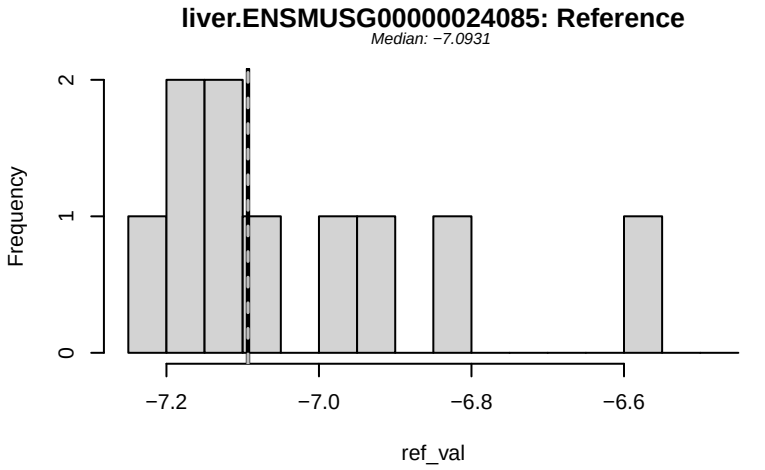

liver.ENSMUSG00000025130: Experimental
Median: −6.0847
p−val: 0.0031
Frequency
exp_val

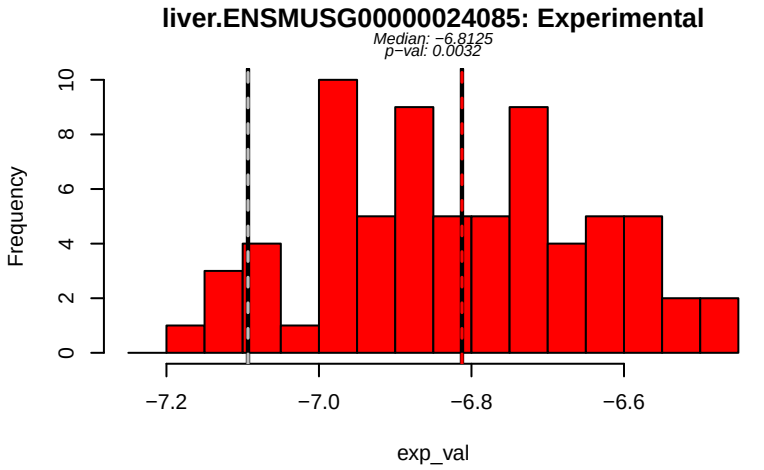

liver.ENSMUSG00000022875: Reference
Median: −5.5758
Frequency
ref_val

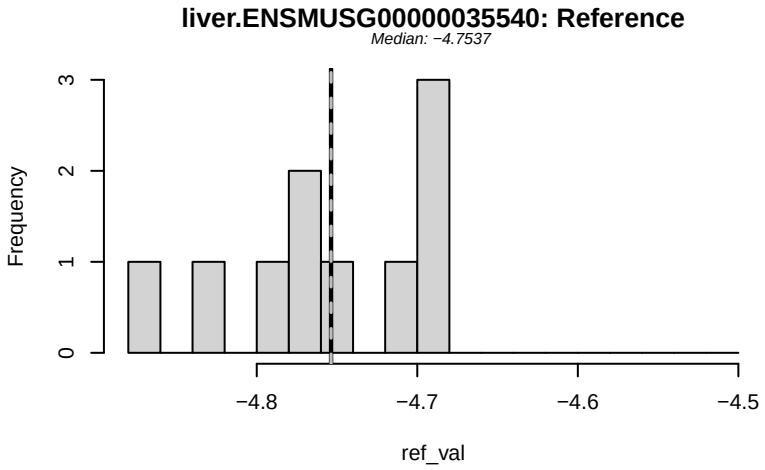

liver.ENSMUSG00000022875: Experimental
Median: −5.4700
p−val: 0.0031
Frequency
exp_val

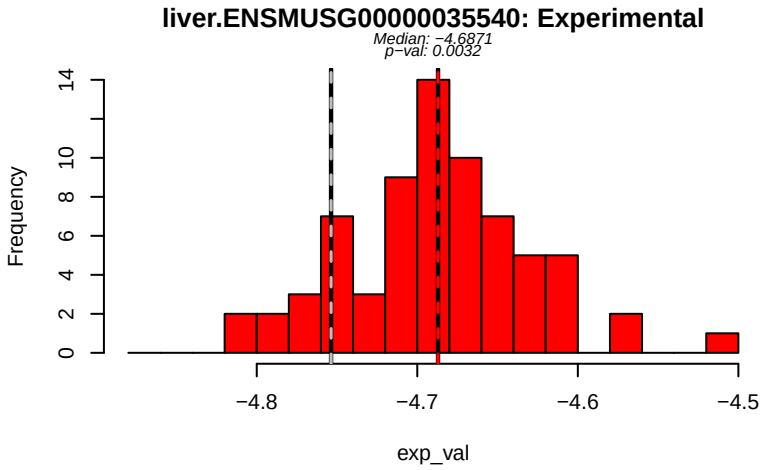

liver.ENSMUSG00000034158: Reference
Median: −7.1777
Frequency
ref_val

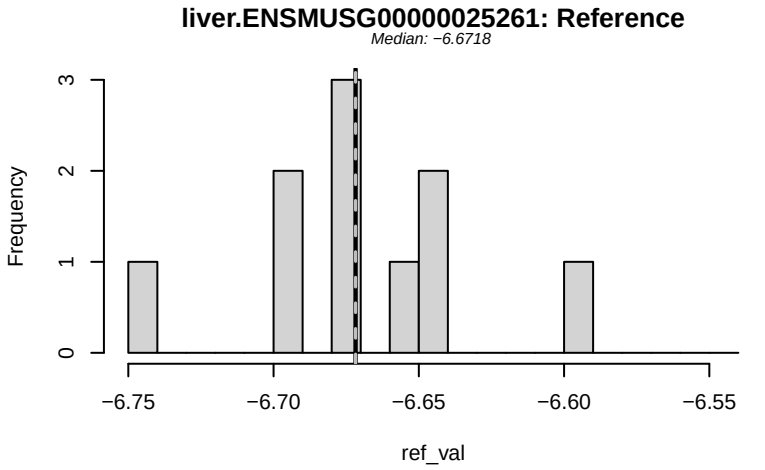

liver.ENSMUSG00000034158: Experimental
Median: −6.9974
p−val: 0.0032
Frequency
exp_val

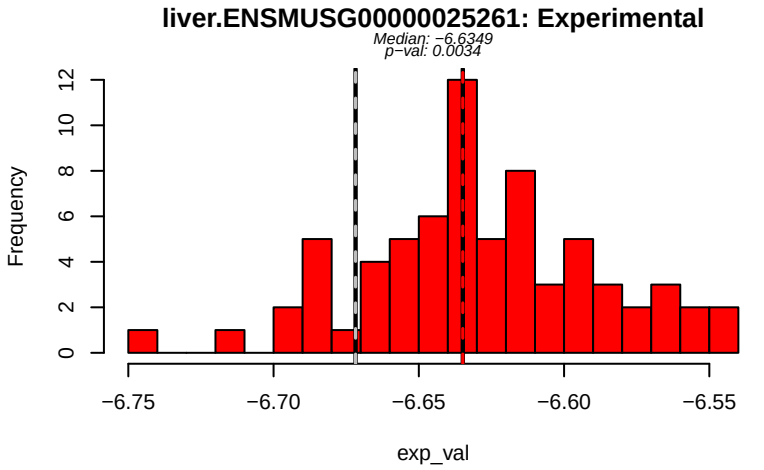

liver.ENSMUSG00000024085: Reference
Median: −7.0931
Frequency
ref_val

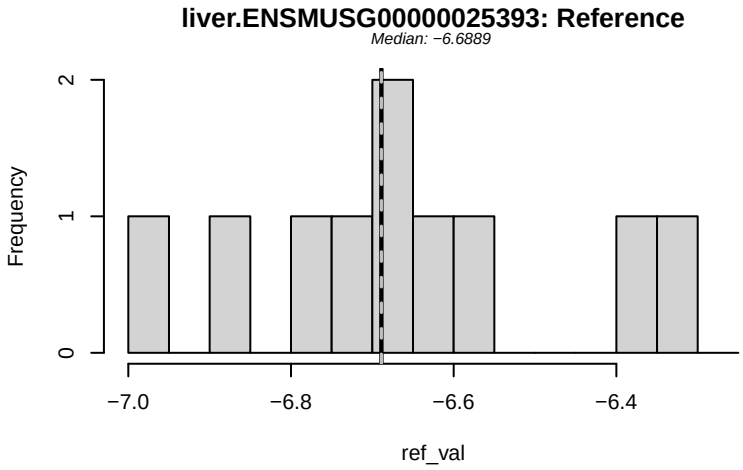

liver.ENSMUSG00000024085: Experimental
Median: −6.8125
p−val: 0.0032
Frequency
exp_val

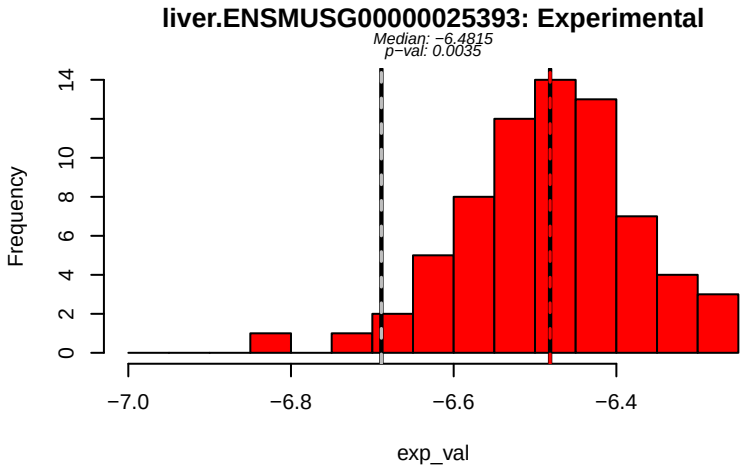

liver.ENSMUSG00000035540: Reference
Median: −4.7537
Frequency
ref_val

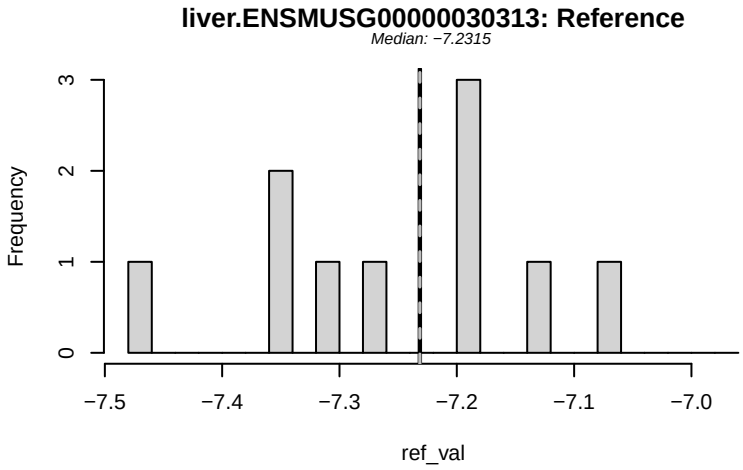

liver.ENSMUSG00000035540: Experimental
Median: −4.6871
p−val: 0.0032
Frequency
exp_val

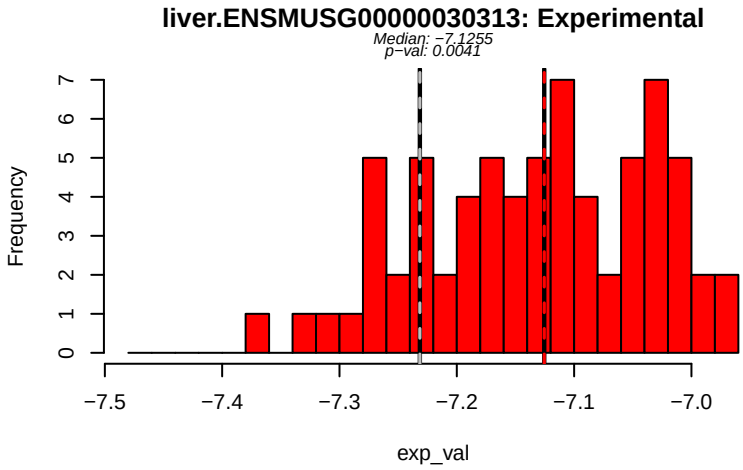

liver.ENSMUSG00000025261: Reference
Median: −6.6718
Frequency
ref_val

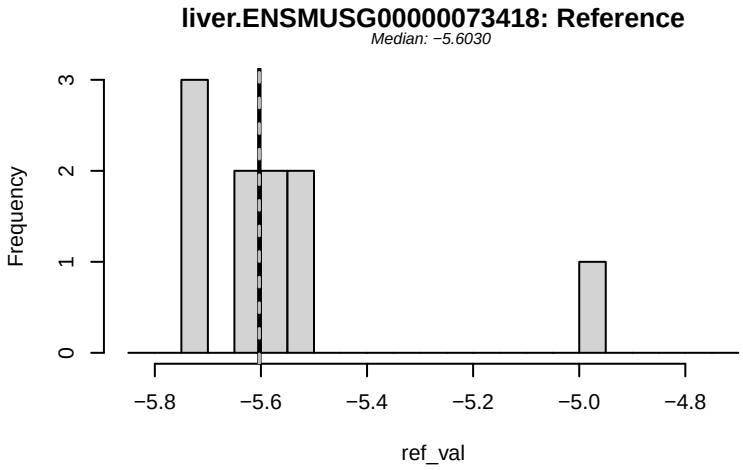

liver.ENSMUSG00000025261: Experimental
Median: −6.6349
p−val: 0.0034
Frequency
exp_val

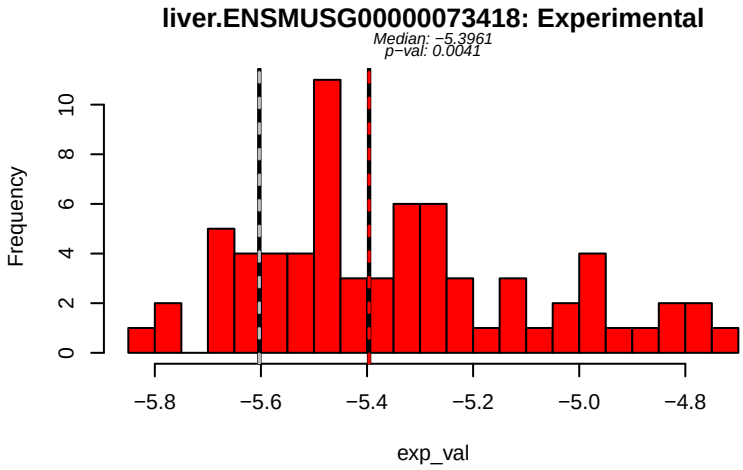

liver.ENSMUSG00000025393: Reference
Median: −6.6889
Frequency
ref_val

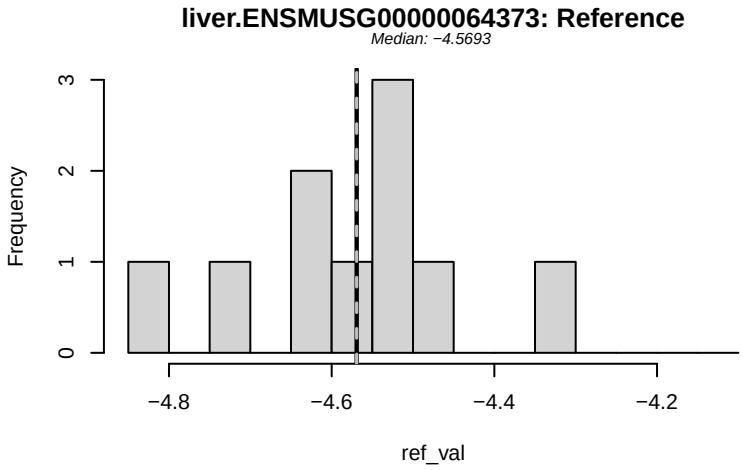

liver.ENSMUSG00000025393: Experimental
Median: −6.4815
p−val: 0.0035
Frequency
exp_val

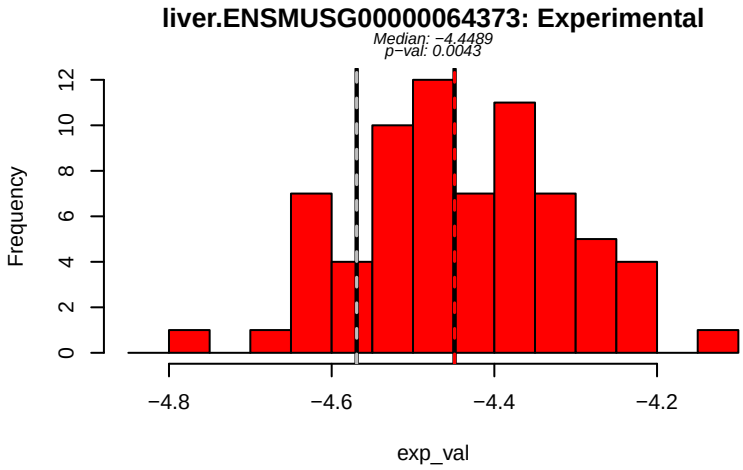

liver.ENSMUSG00000030313: Reference
Median: −7.2315
Frequency
ref_val

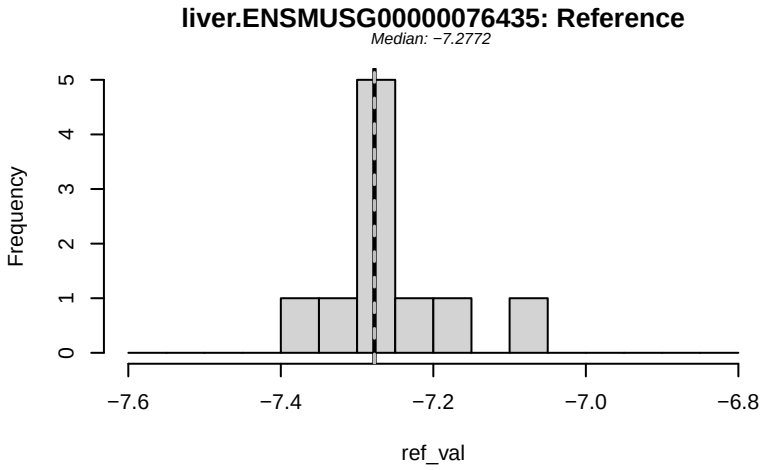

liver.ENSMUSG00000030313: Experimental
Median: −7.1255
p−val: 0.0041
Frequency
exp_val

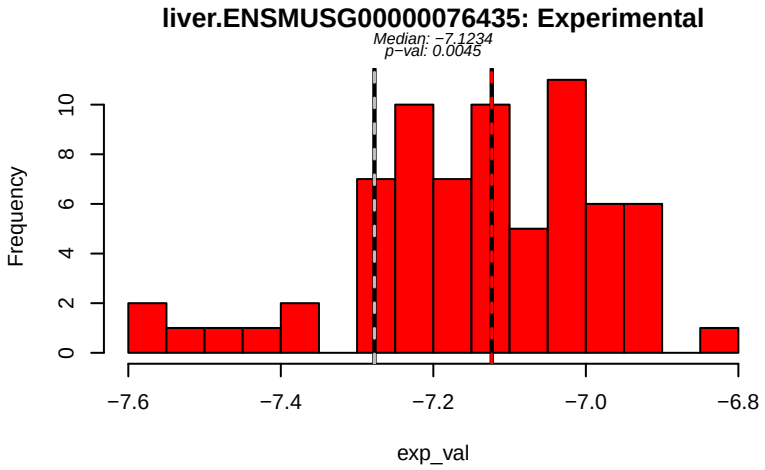

liver.ENSMUSG00000073418: Reference
Median: −5.6030
Frequency
ref_val

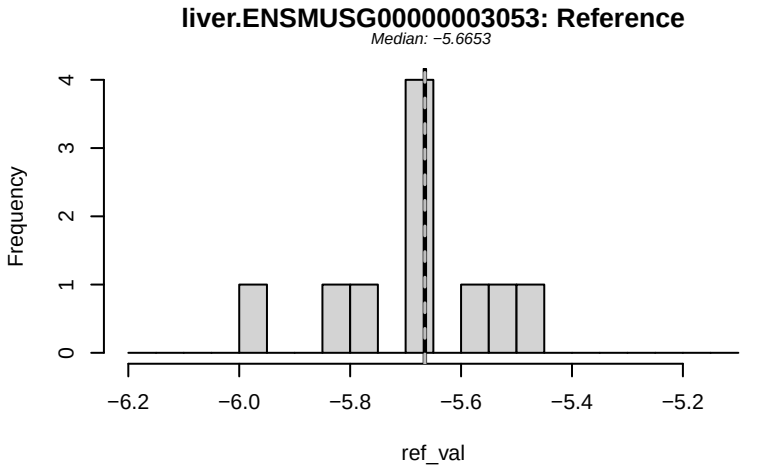

liver.ENSMUSG00000073418: Experimental
Median: −5.3961
p−val: 0.0041
Frequency
exp_val

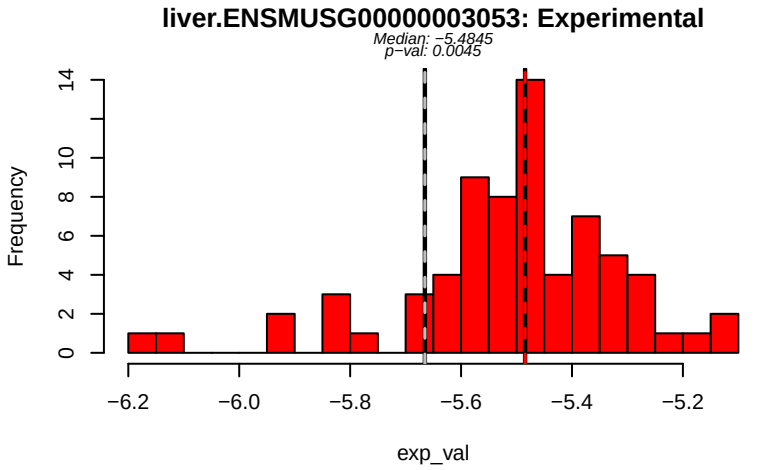

liver.ENSMUSG00000064373: Reference
Median: −4.5693
Frequency
ref_val

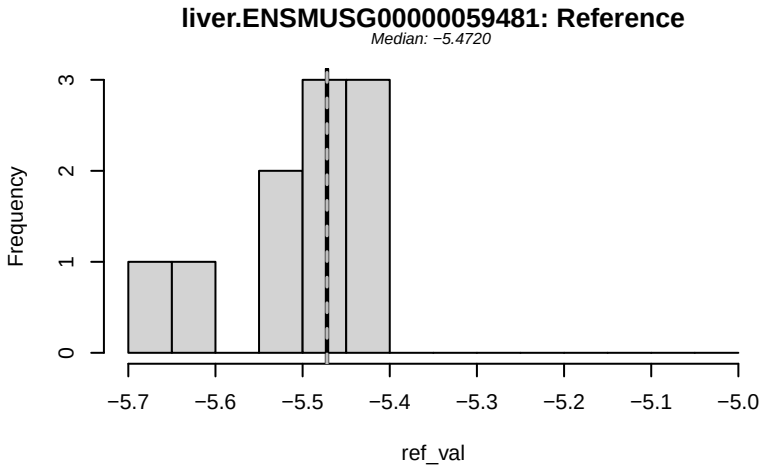

liver.ENSMUSG00000064373: Experimental
Median: −4.4489
p−val: 0.0043
Frequency
exp_val

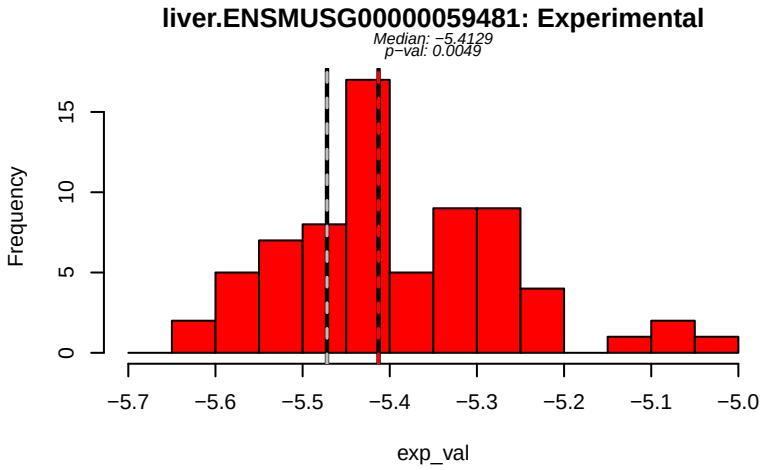

liver.ENSMUSG00000076435: Reference
Median: −7.2772
Frequency
ref_val

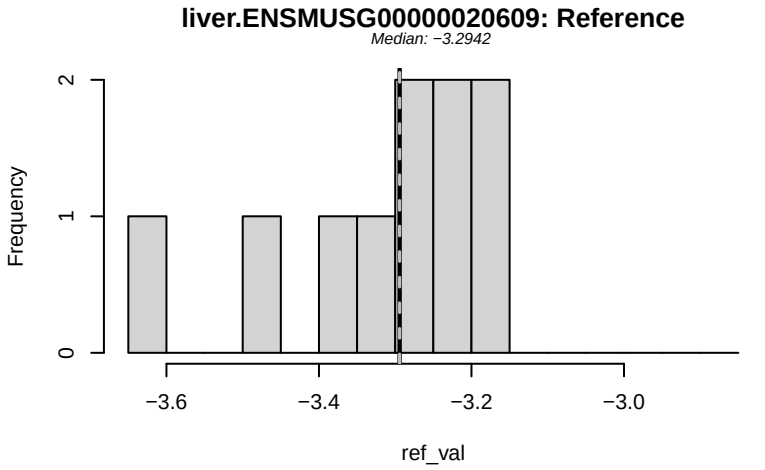

liver.ENSMUSG00000076435: Experimental
Median: −7.1234
p−val: 0.0045
Frequency
exp_val

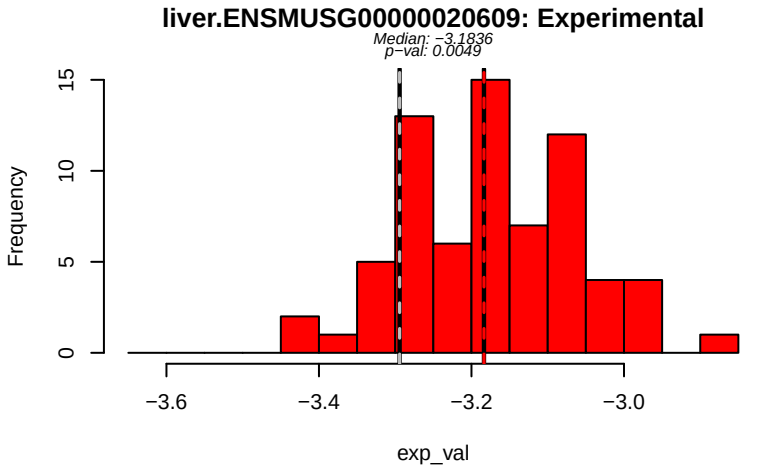

liver.ENSMUSG00000003053: Reference
Median: −5.6653
Frequency
ref_val

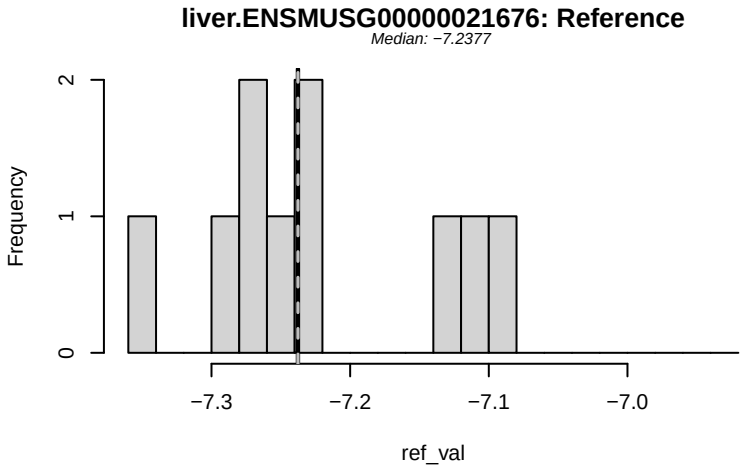

liver.ENSMUSG00000003053: Experimental
Median: −5.4845
p−val: 0.0045
Frequency
exp_val

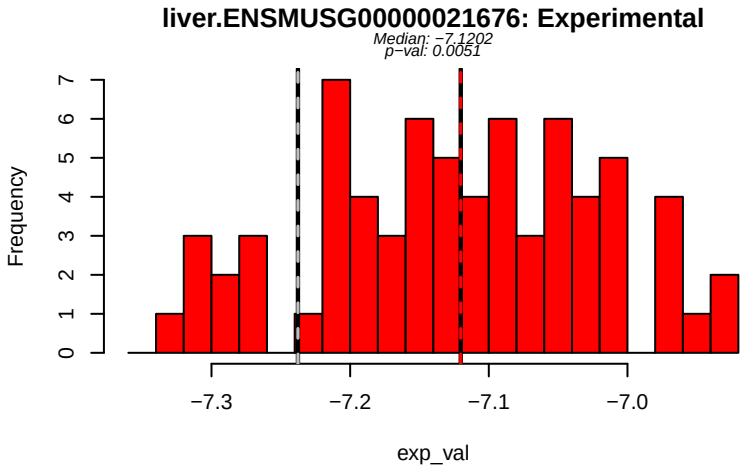

liver.ENSMUSG00000059481: Reference
Median: −5.4720
Frequency
ref_val

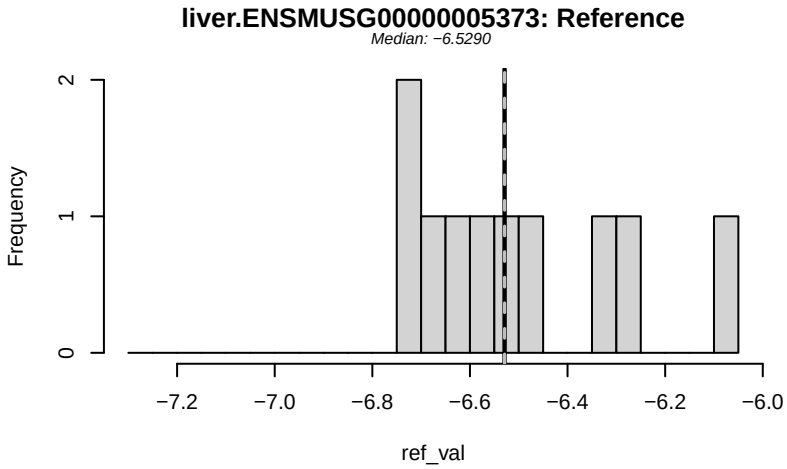

liver.ENSMUSG00000059481: Experimental
Median: −5.4129
p−val: 0.0049
Frequency
exp_val

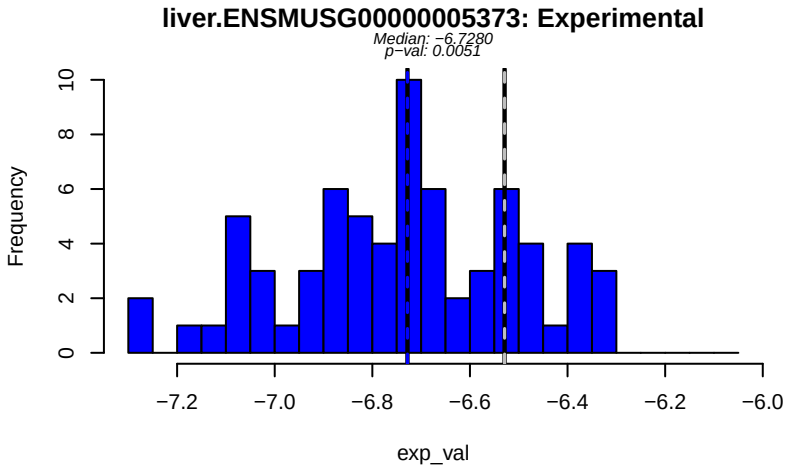

liver.ENSMUSG00000020609: Reference
Median: −3.2942
Frequency
ref_val

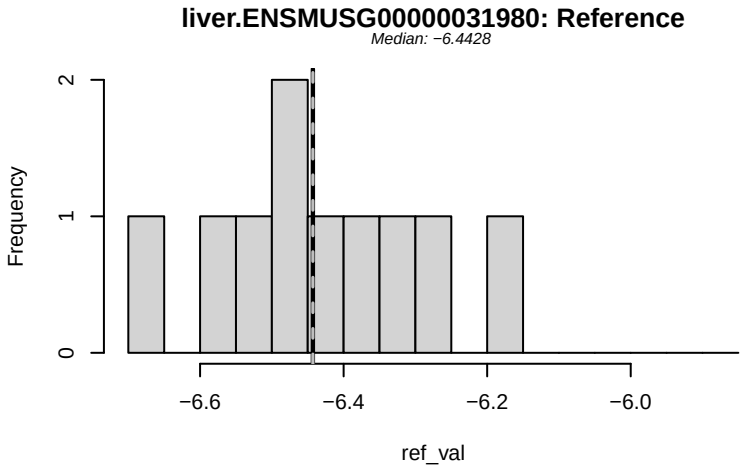

liver.ENSMUSG00000020609: Experimental
Median: −3.1836
p−val: 0.0049
Frequency
exp_val

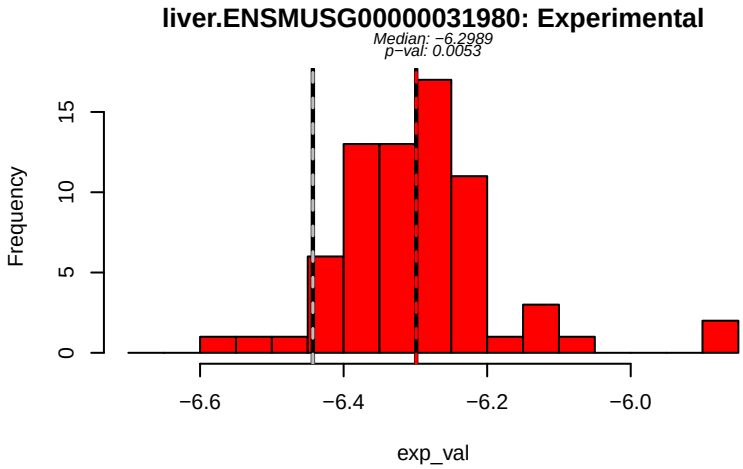

liver.ENSMUSG00000021676: Reference
Median: −7.2377
Frequency
ref_val

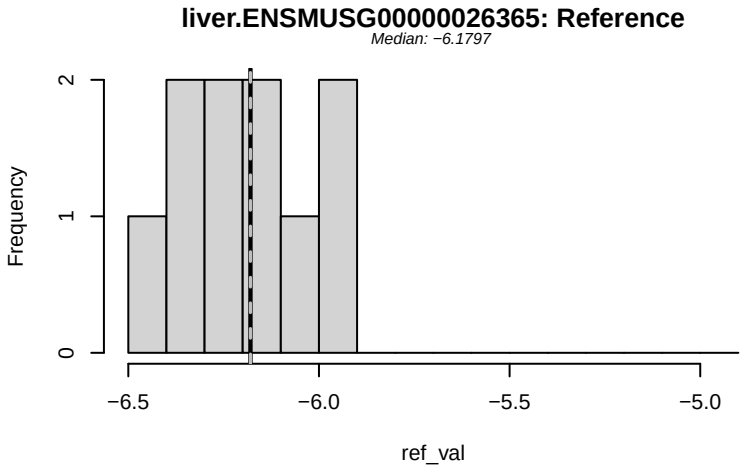

liver.ENSMUSG00000021676: Experimental
Median: −7.1202
p−val: 0.0051
Frequency
exp_val

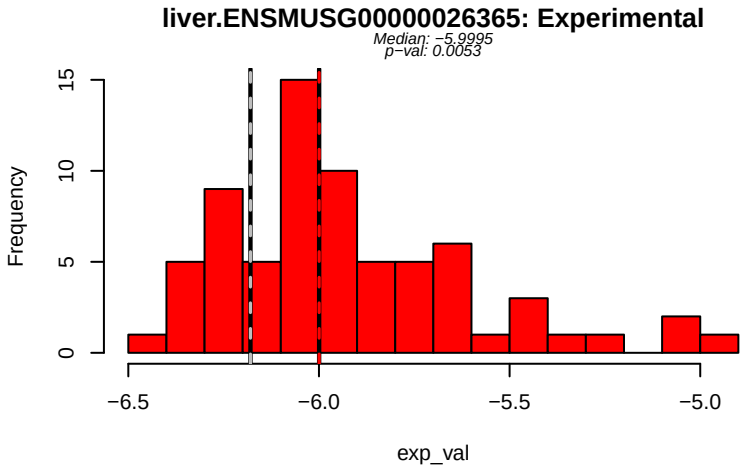

liver.ENSMUSG00000005373: Reference
Median: −6.5290
Frequency
ref_val

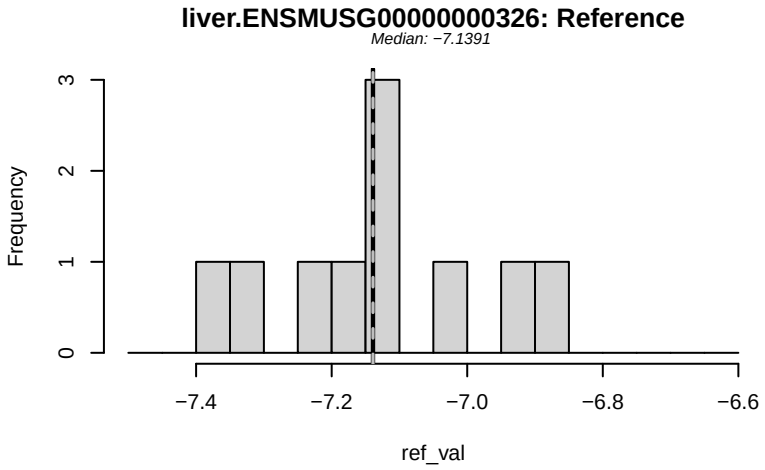

liver.ENSMUSG00000005373: Experimental
Median: −6.7280
p−val: 0.0051
Frequency
exp_val

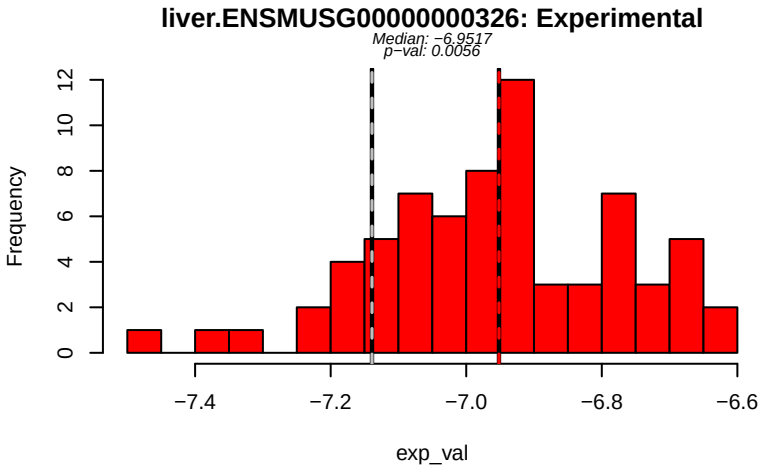

liver.ENSMUSG00000031980: Reference
Median: −6.4428
Frequency
ref_val

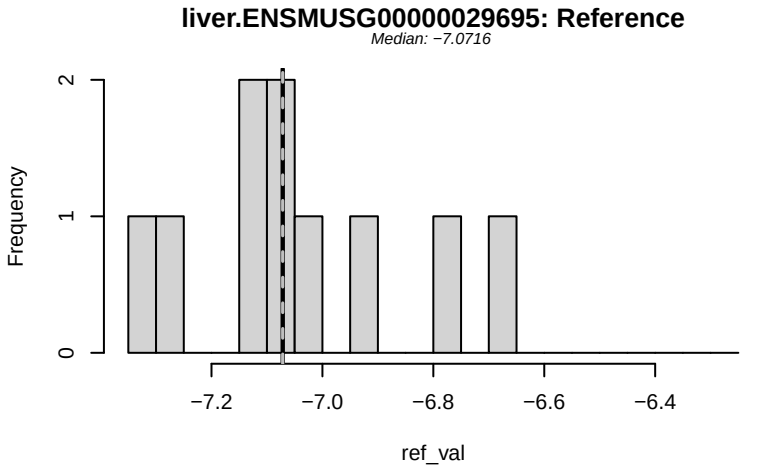

liver.ENSMUSG00000031980: Experimental
Median: −6.2989
p−val: 0.0053
Frequency
exp_val

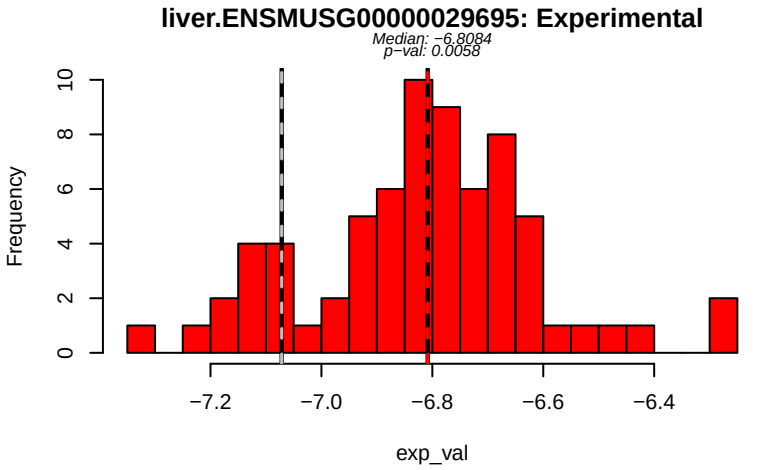

liver.ENSMUSG00000026365: Reference
Median: −6.1797
Frequency
ref_val

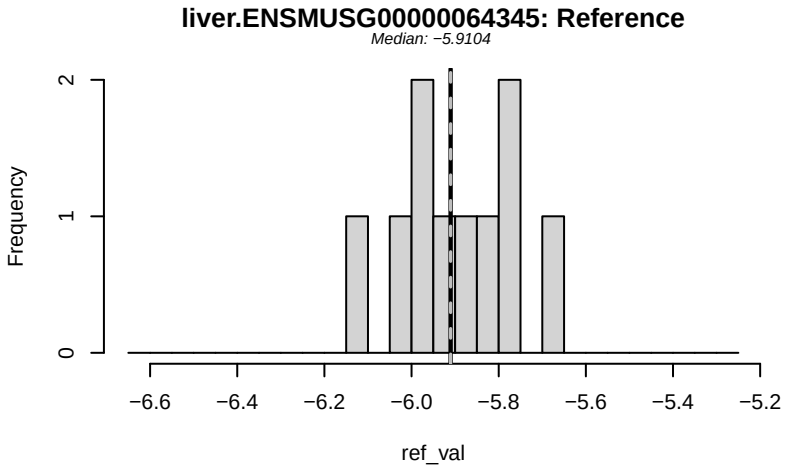

liver.ENSMUSG00000026365: Experimental
Median: −5.9995
p−val: 0.0053
Frequency
exp_val

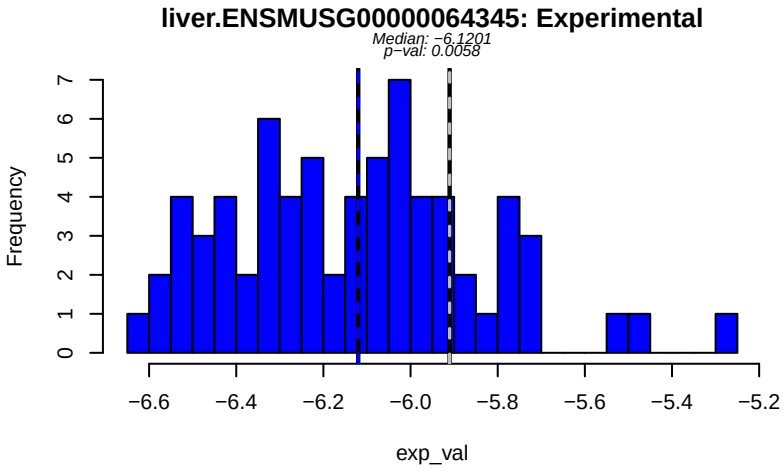

liver.ENSMUSG00000000326: Reference
Median: −7.1391
Frequency
ref_val

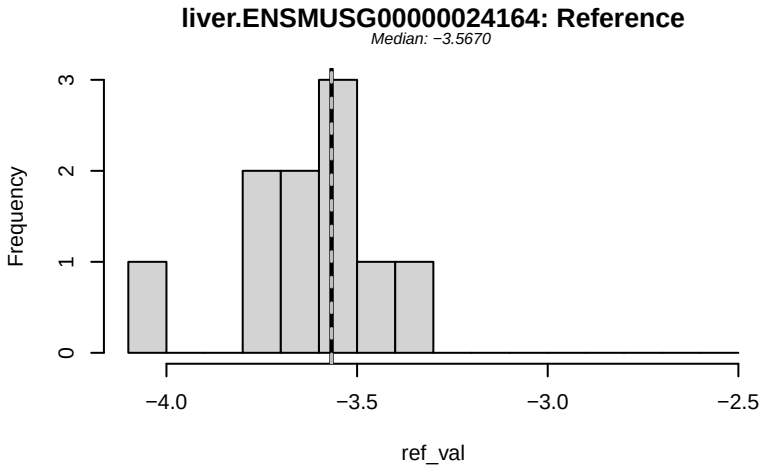

liver.ENSMUSG00000000326: Experimental
Median: −6.9517
p−val: 0.0056
Frequency
exp_val

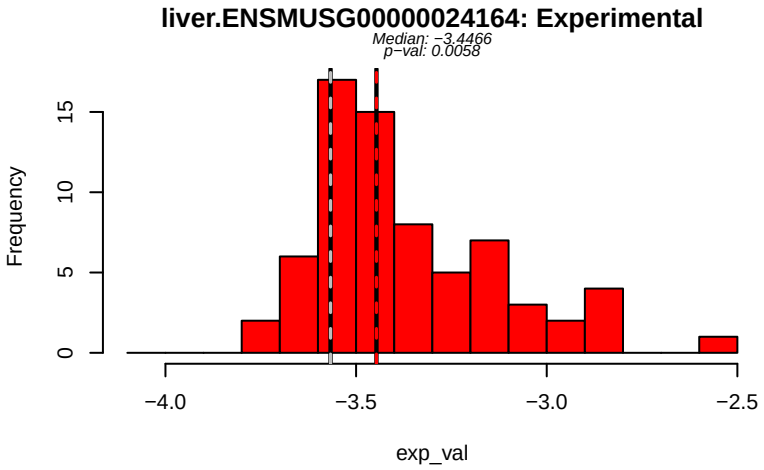

liver.ENSMUSG00000029695: Reference
Median: −7.0716
Frequency
ref_val

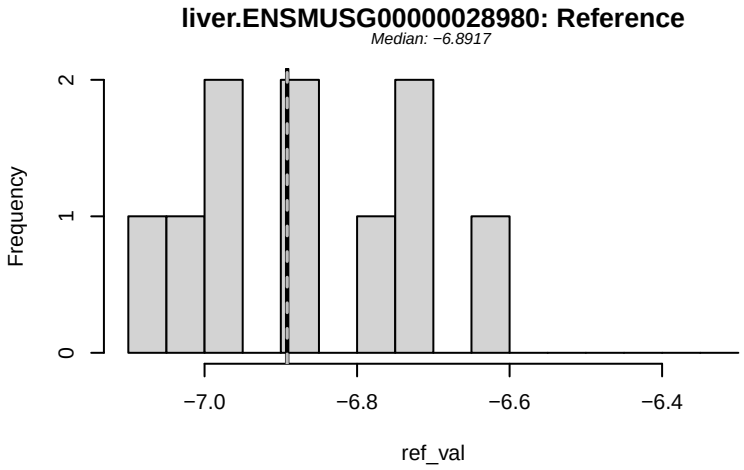

liver.ENSMUSG00000029695: Experimental
Median: −6.8084
p−val: 0.0058
Frequency
exp_val

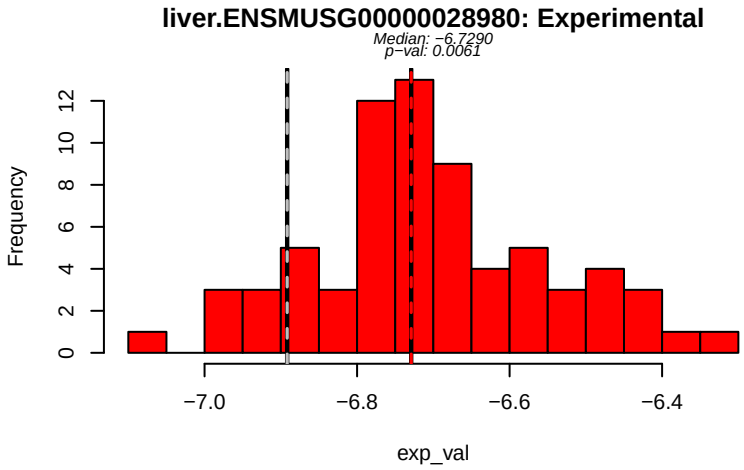

liver.ENSMUSG00000064345: Reference
Median: −5.9104
Frequency
ref_val

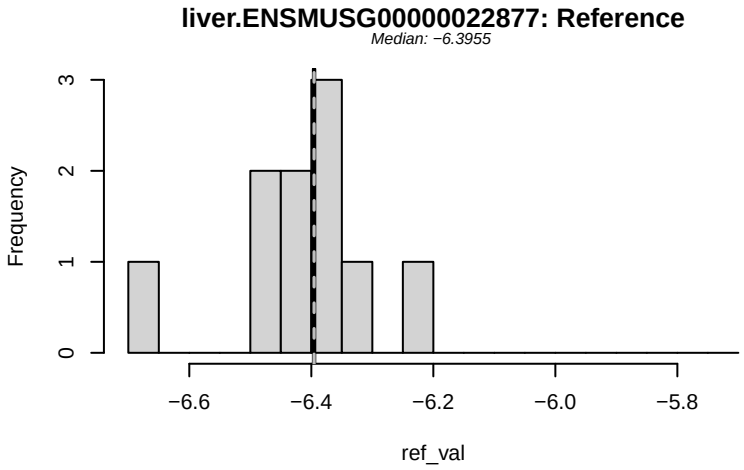

liver.ENSMUSG00000064345: Experimental
Median: −6.1201
p−val: 0.0058
Frequency
exp_val

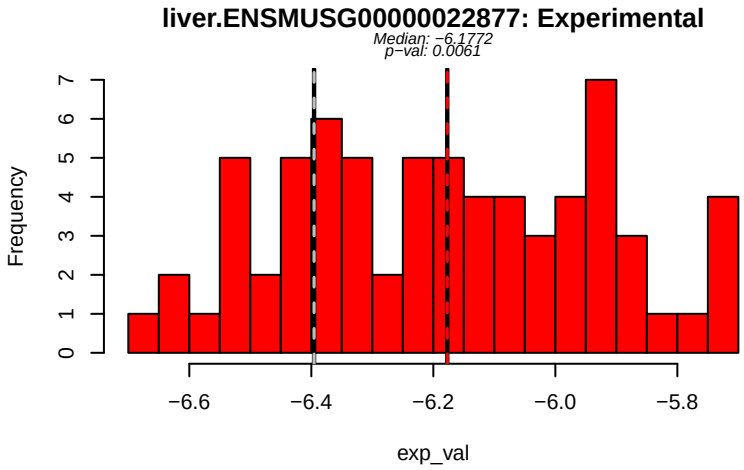

liver.ENSMUSG00000024164: Reference
Median: −3.5670
Frequency
ref_val

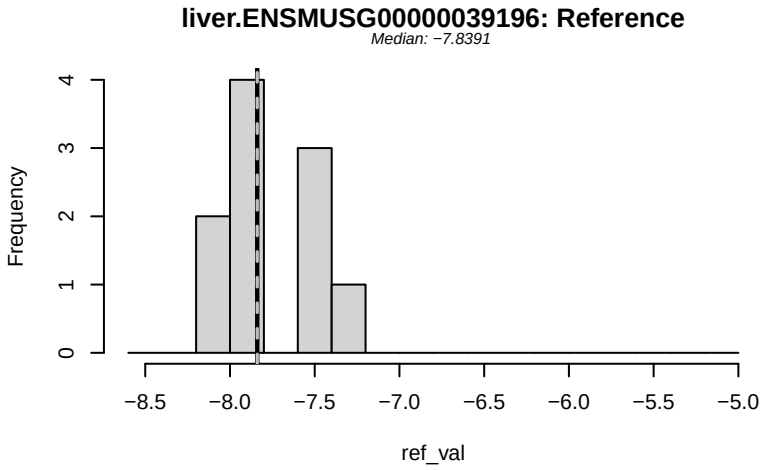

liver.ENSMUSG00000024164: Experimental
Median: −3.4466
p−val: 0.0058
Frequency
exp_val

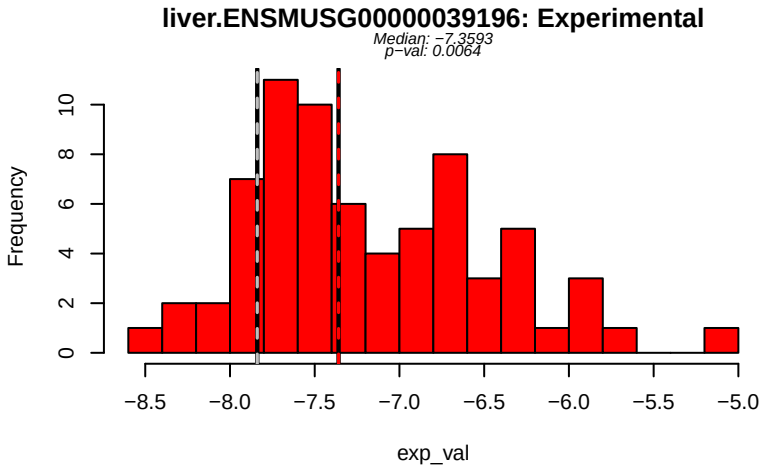

liver.ENSMUSG00000028980: Reference
Median: −6.8917
Frequency
ref_val

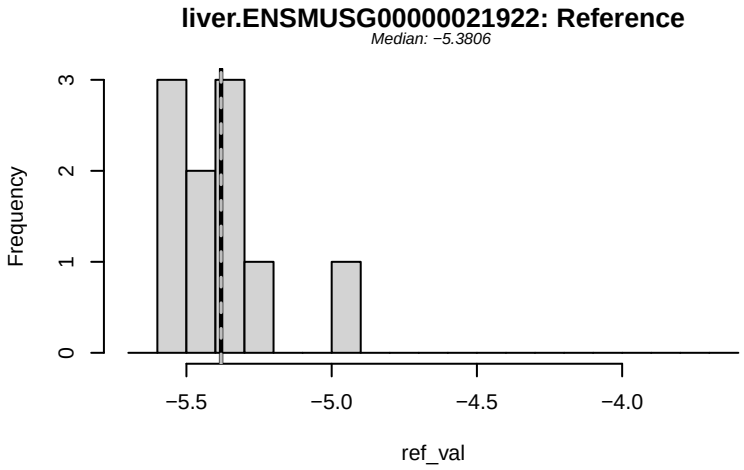

liver.ENSMUSG00000028980: Experimental
Median: −6.7290
p−val: 0.0061
Frequency
exp_val

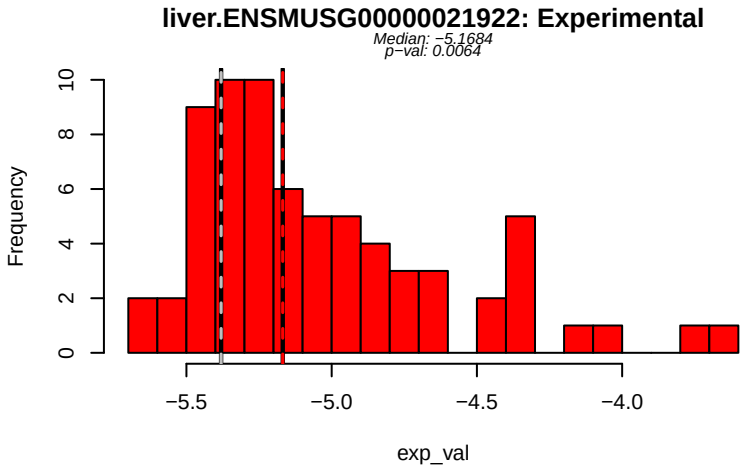

liver.ENSMUSG00000022877: Reference
Median: −6.3955
Frequency
ref_val

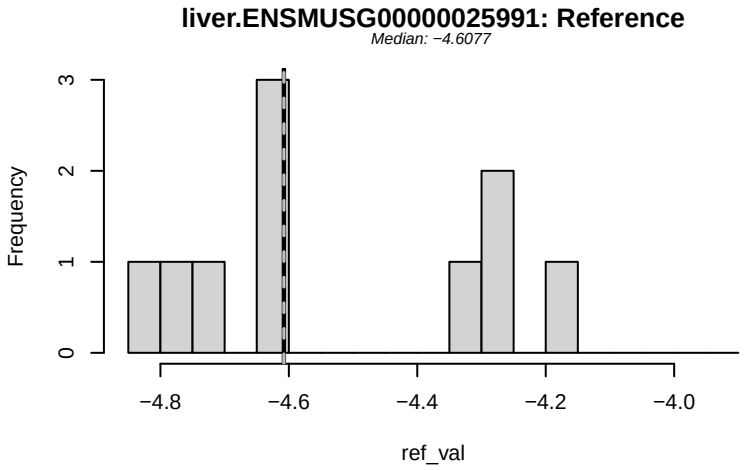

liver.ENSMUSG00000022877: Experimental
Median: −6.1772
p−val: 0.0061
Frequency
exp_val

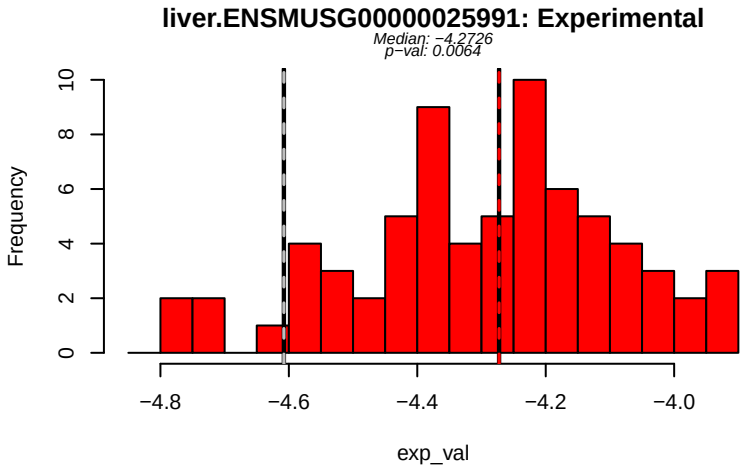

liver.ENSMUSG00000039196: Reference
Median: −7.8391
Frequency
ref_val

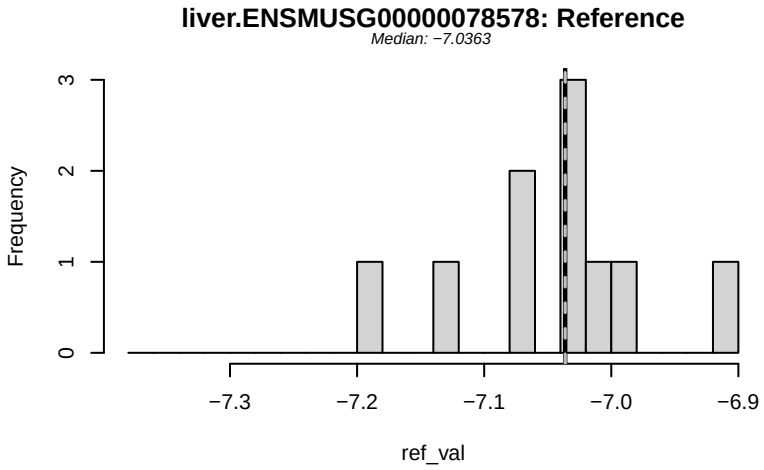

liver.ENSMUSG00000039196: Experimental
Median: −7.3593
p−val: 0.0064
Frequency
exp_val

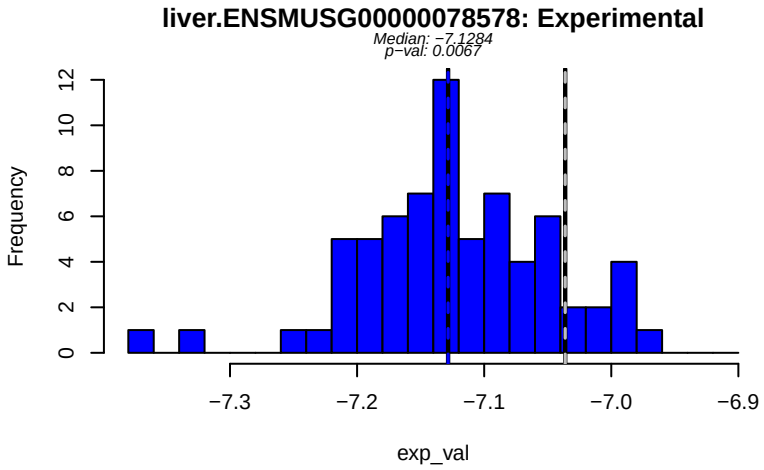

liver.ENSMUSG00000021922: Reference
Median: −5.3806
Frequency
ref_val

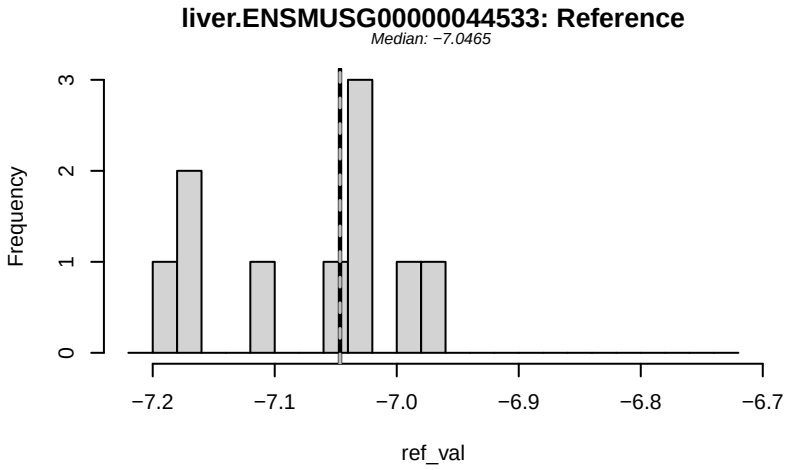

liver.ENSMUSG00000021922: Experimental
Median: −5.1684
p−val: 0.0064
Frequency
exp_val

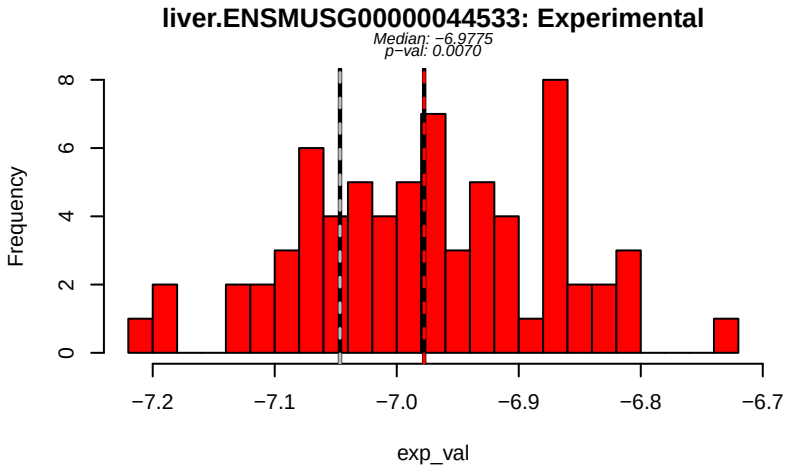

liver.ENSMUSG00000025991: Reference
Median: −4.6077
Frequency
ref_val

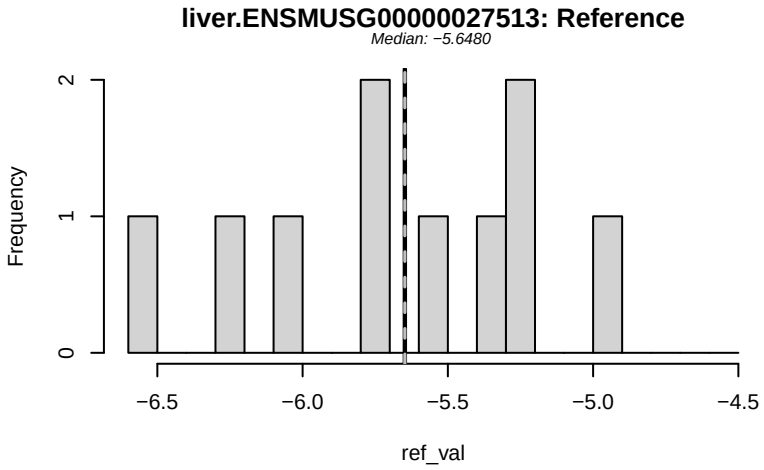

liver.ENSMUSG00000025991: Experimental
Median: −4.2726
p−val: 0.0064
Frequency
exp_val

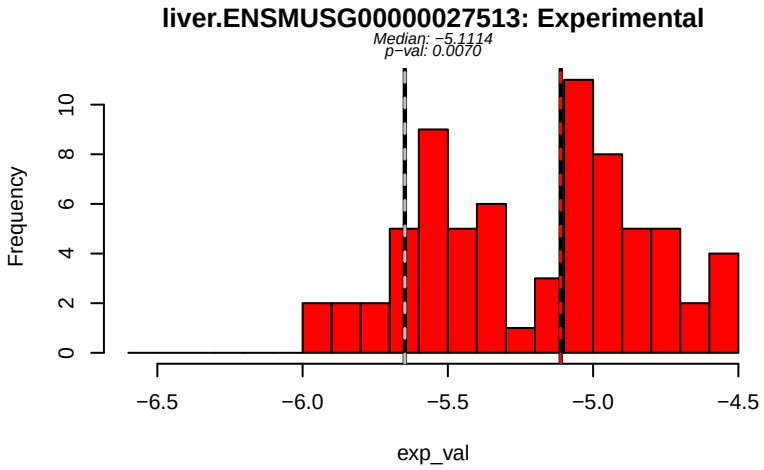

liver.ENSMUSG00000078578: Reference
Median: −7.0363
Frequency
ref_val

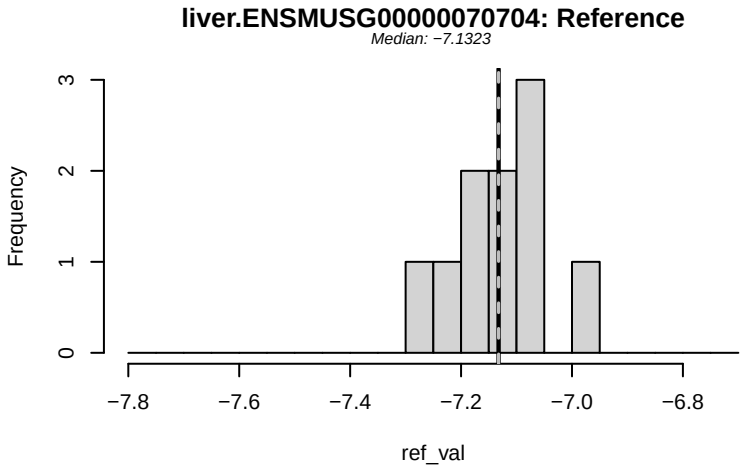

liver.ENSMUSG00000078578: Experimental
Median: −7.1284
p−val: 0.0067
Frequency
exp_val

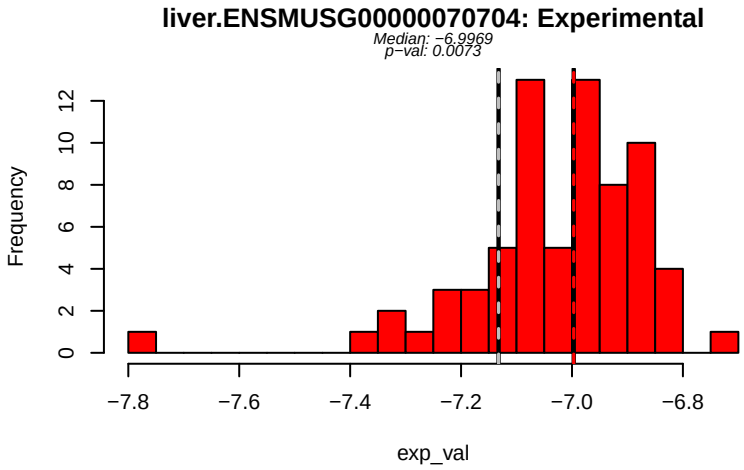

liver.ENSMUSG00000044533: Reference
Median: −7.0465
Frequency
ref_val

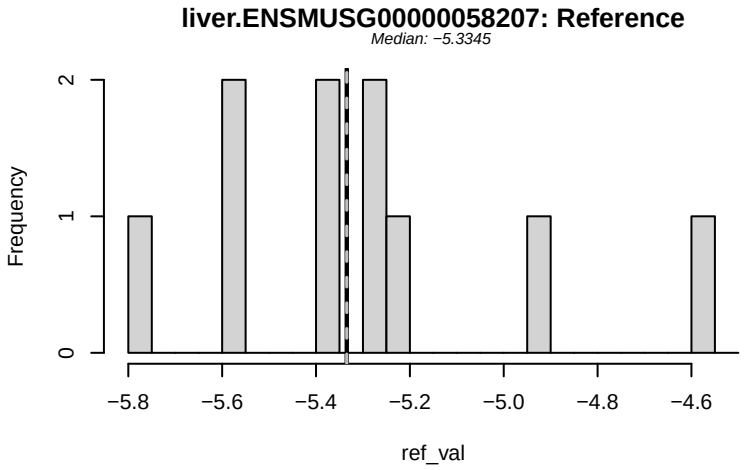

liver.ENSMUSG00000044533: Experimental
Median: −6.9775
p−val: 0.0070
Frequency
exp_val

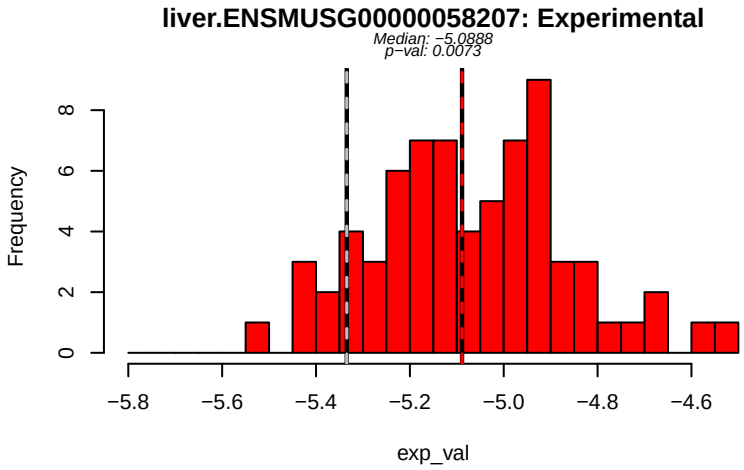

liver.ENSMUSG00000027513: Reference
Median: −5.6480
Frequency
ref_val

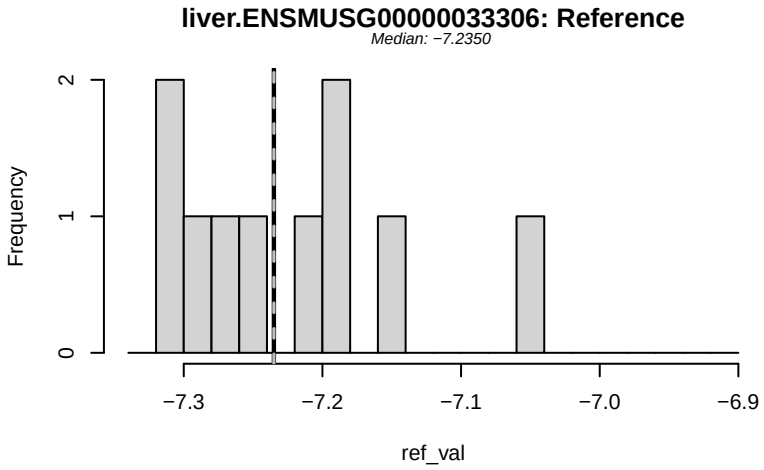

liver.ENSMUSG00000027513: Experimental
Median: −5.1114
p−val: 0.0070
Frequency
exp_val

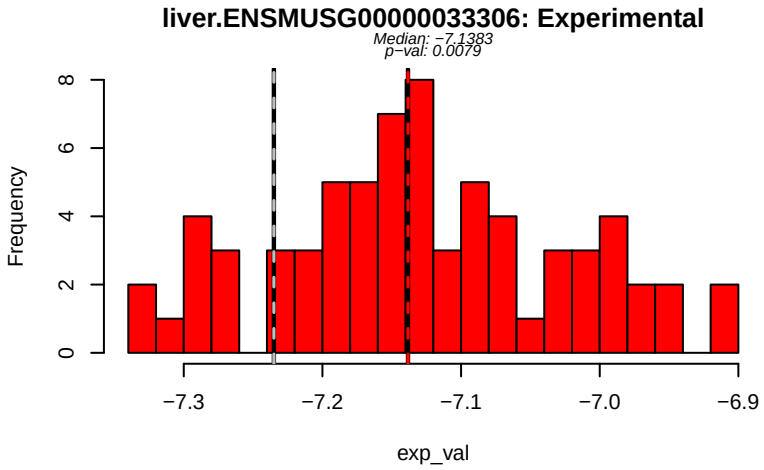

liver.ENSMUSG00000070704: Reference
Median: −7.1323
Frequency
ref_val

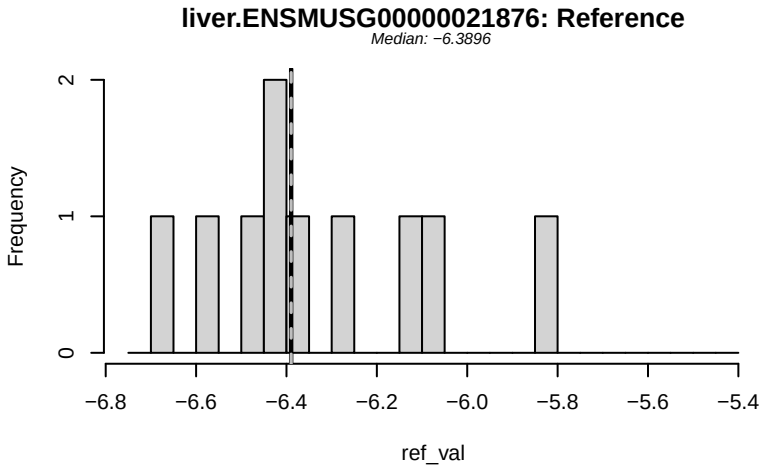

liver.ENSMUSG00000070704: Experimental
Median: −6.9969
p−val: 0.0073
Frequency
exp_val

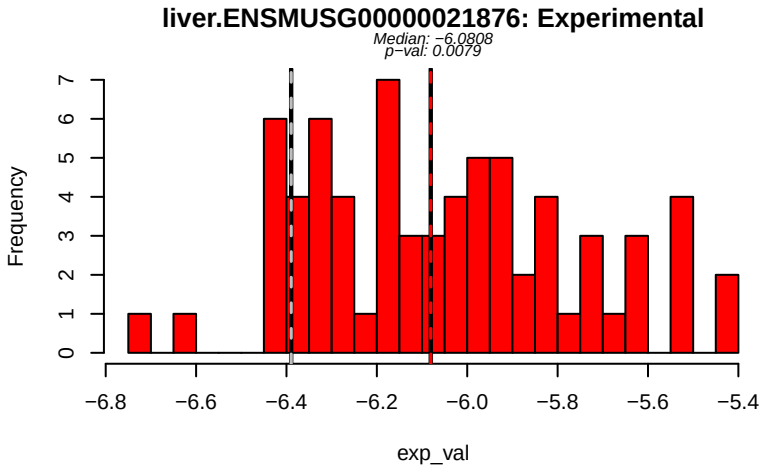

liver.ENSMUSG00000058207: Reference
Median: −5.3345
Frequency
ref_val

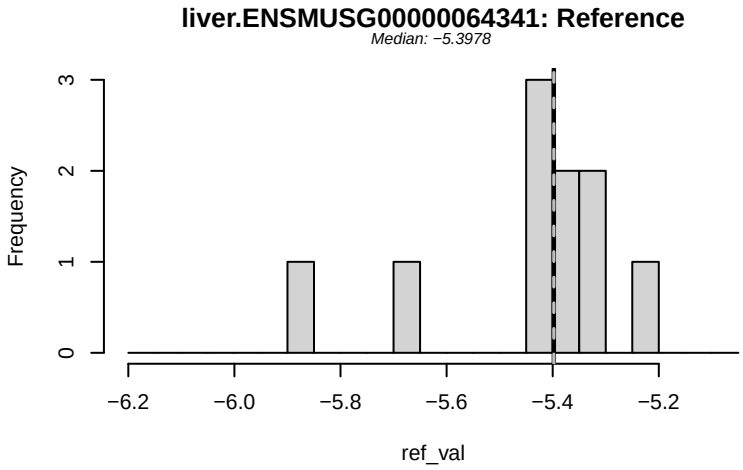

liver.ENSMUSG00000058207: Experimental
Median: −5.0888
p−val: 0.0073
Frequency
exp_val

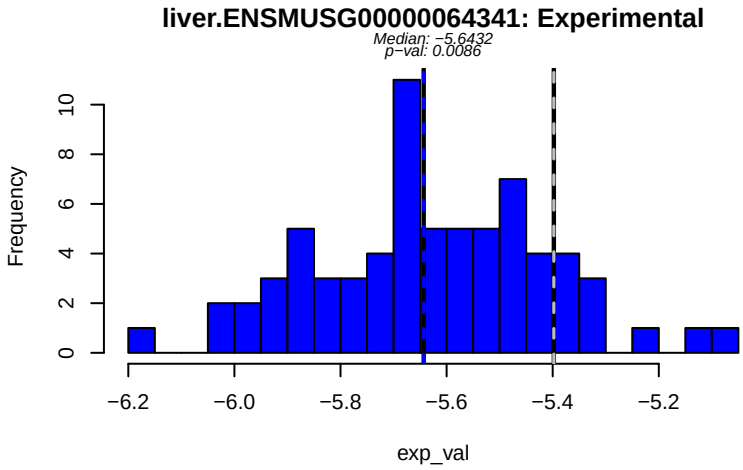

liver.ENSMUSG00000033306: Reference
Median: −7.2350
Frequency
ref_val

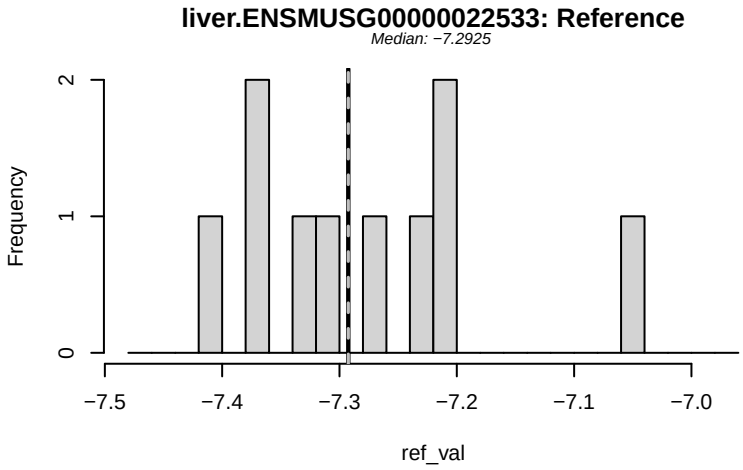

liver.ENSMUSG00000033306: Experimental
Median: −7.1383
p−val: 0.0079
Frequency
exp_val

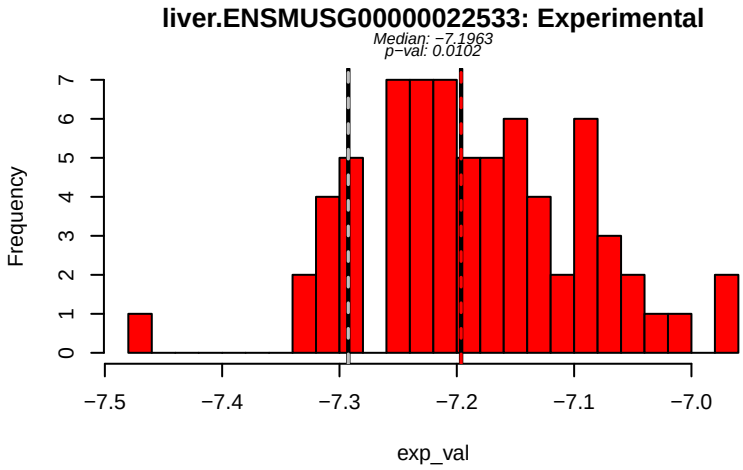

liver.ENSMUSG00000021876: Reference
Median: −6.3896
Frequency
ref_val

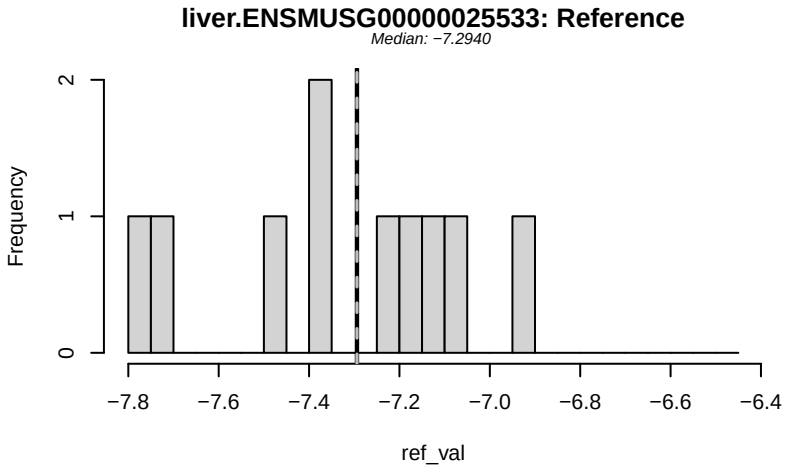

liver.ENSMUSG00000021876: Experimental
Median: −6.0808
p−val: 0.0079
Frequency
exp_val

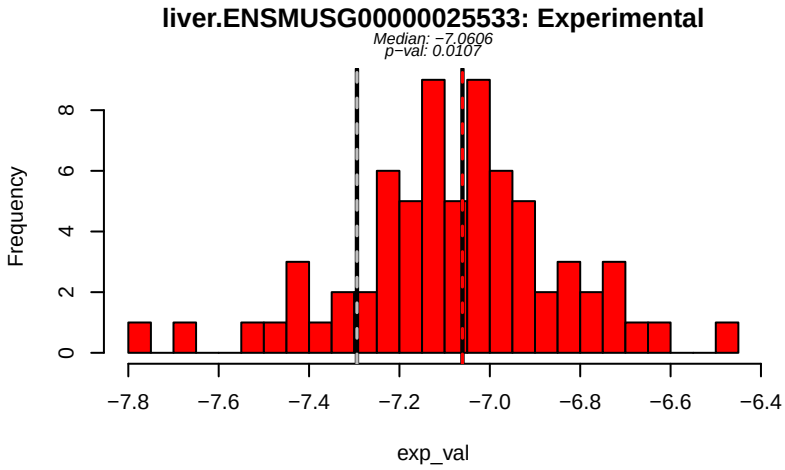

liver.ENSMUSG00000064341: Reference
Median: −5.3978
Frequency
ref_val

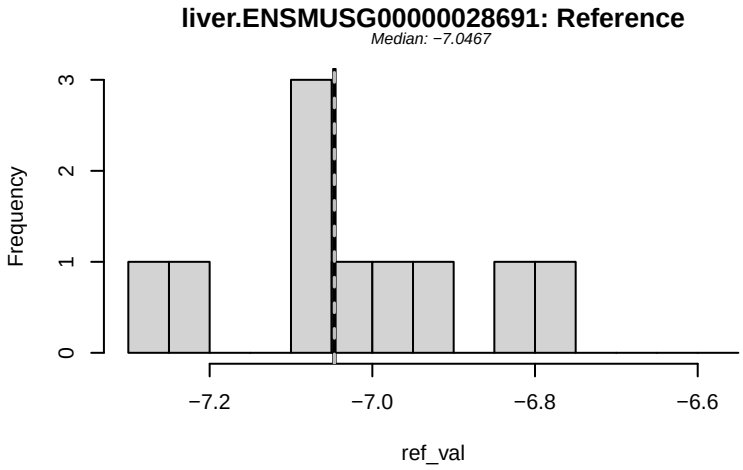

liver.ENSMUSG00000064341: Experimental
Median: −5.6432
p−val: 0.0086
Frequency
exp_val

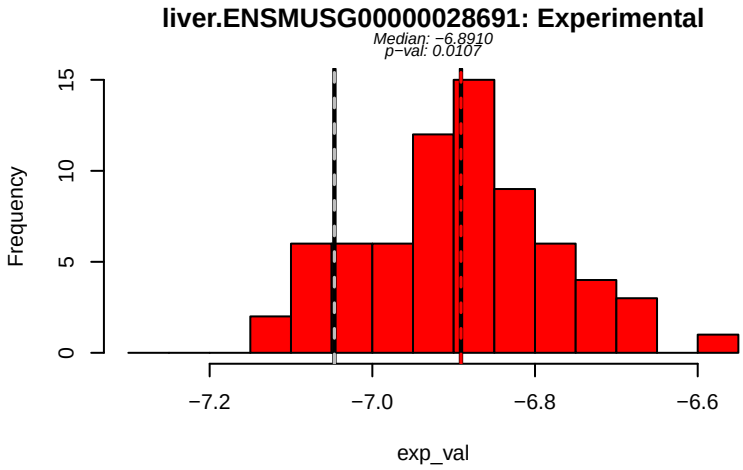

liver.ENSMUSG00000022533: Reference
Median: −7.2925
Frequency
ref_val

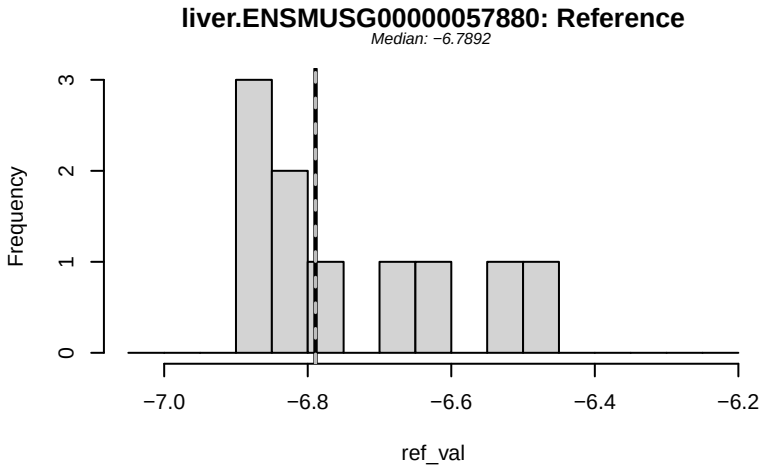

liver.ENSMUSG00000022533: Experimental
Median: −7.1963
p−val: 0.0102
Frequency
exp_val

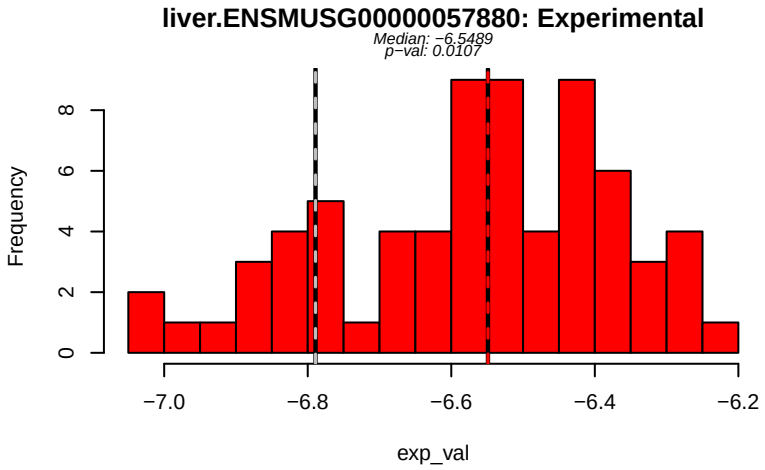

liver.ENSMUSG00000025533: Reference
Median: −7.2940
Frequency
ref_val

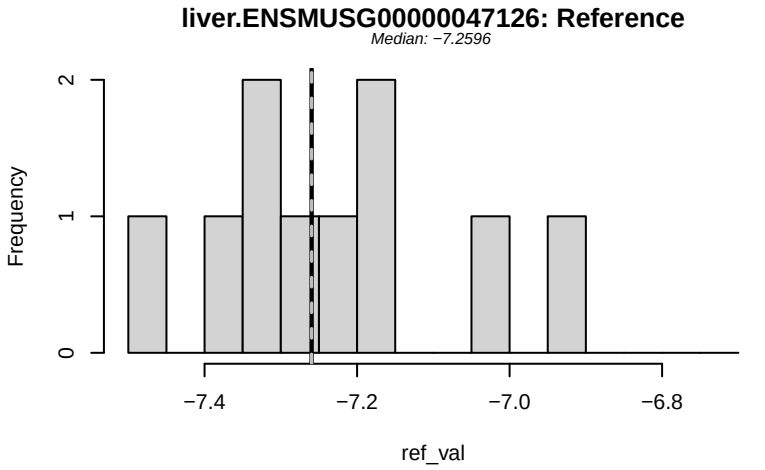

liver.ENSMUSG00000025533: Experimental
Median: −7.0606
p−val: 0.0107
Frequency
exp_val

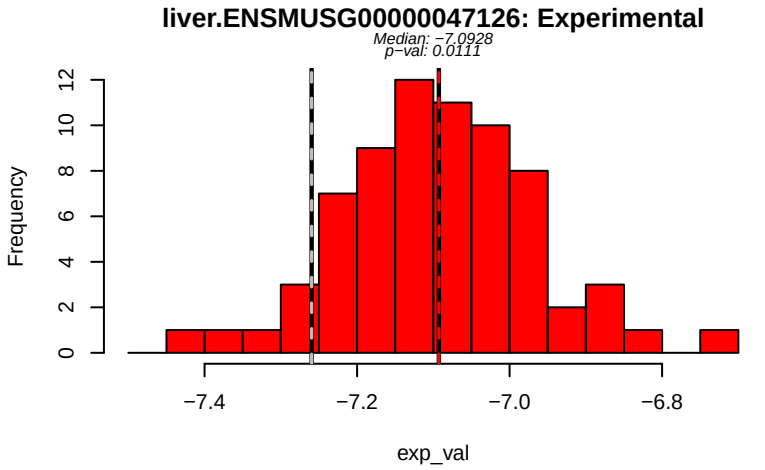

liver.ENSMUSG00000028691: Reference
Median: −7.0467
Frequency
ref_val

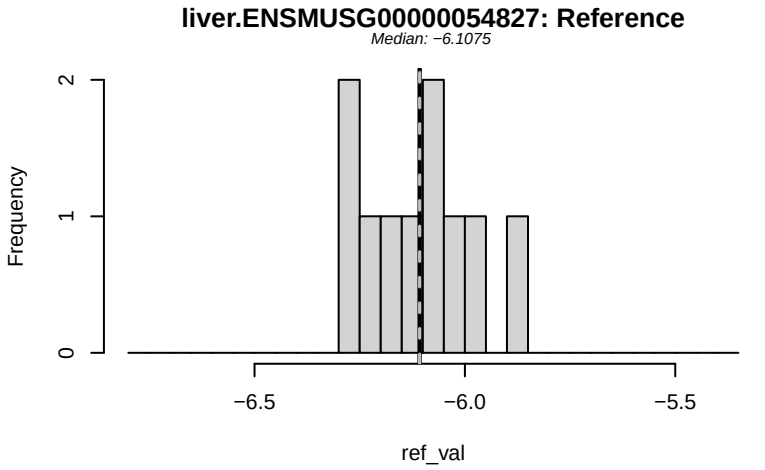

liver.ENSMUSG00000028691: Experimental
Median: −6.8910
p−val: 0.0107
Frequency
exp_val

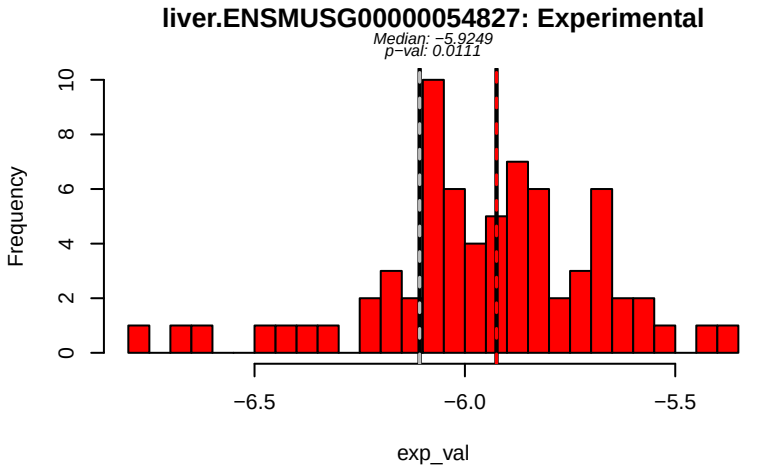

liver.ENSMUSG00000057880: Reference
Median: −6.7892
Frequency
ref_val

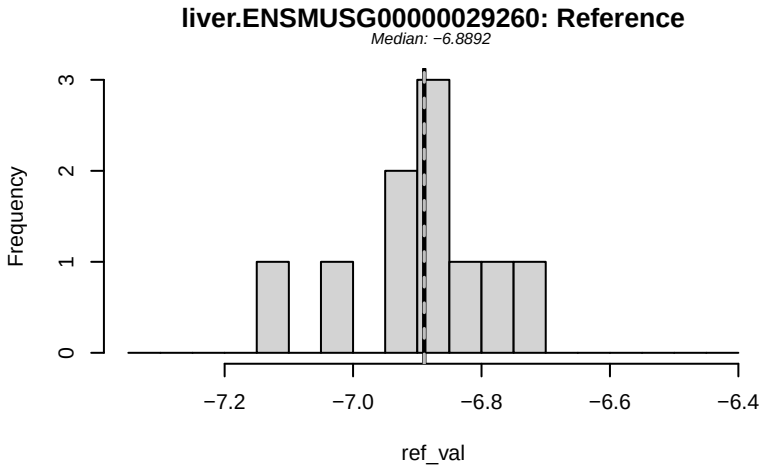

liver.ENSMUSG00000057880: Experimental
Median: −6.5489
p−val: 0.0107
Frequency
exp_val

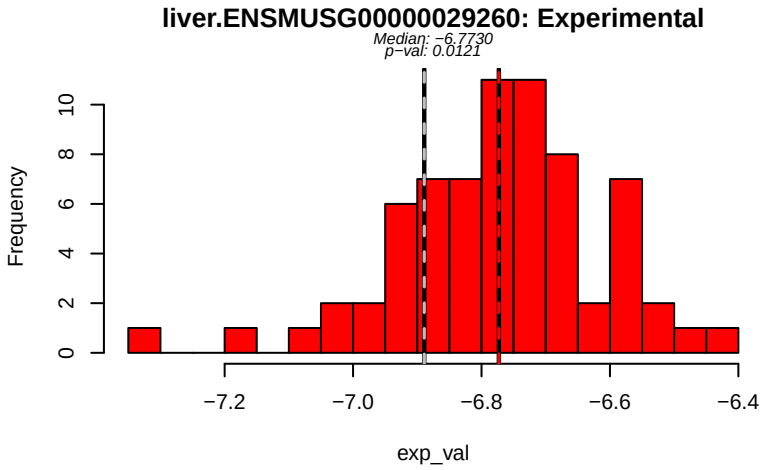

liver.ENSMUSG00000047126: Reference
Median: −7.2596
Frequency
ref_val

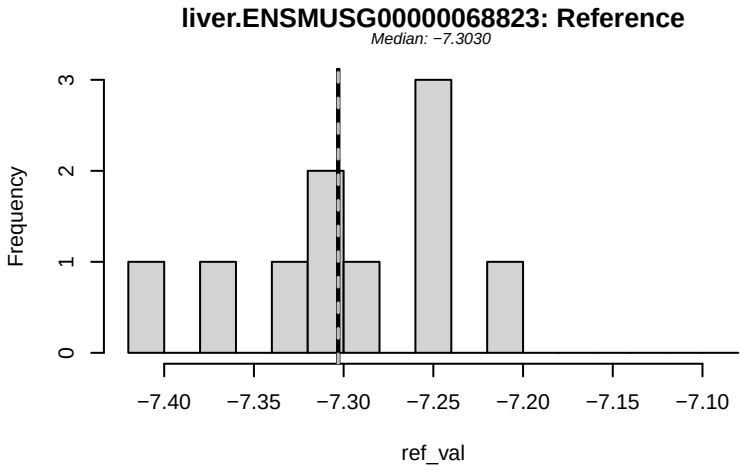

liver.ENSMUSG00000047126: Experimental
Median: −7.0928
p−val: 0.0111
Frequency
exp_val

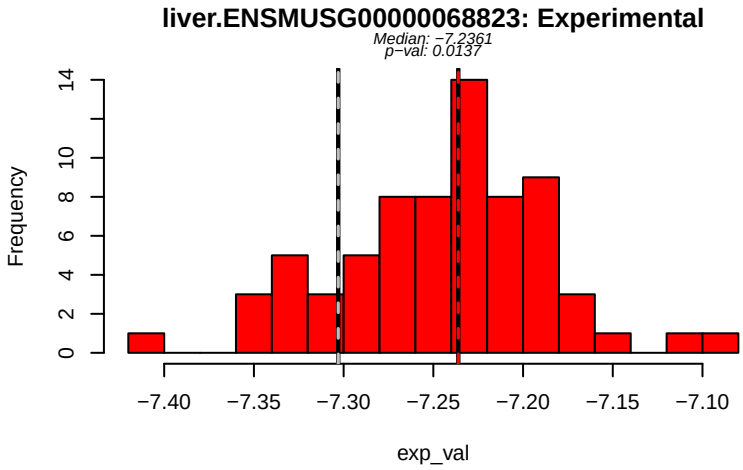

liver.ENSMUSG00000054827: Reference
Median: −6.1075
Frequency
ref_val

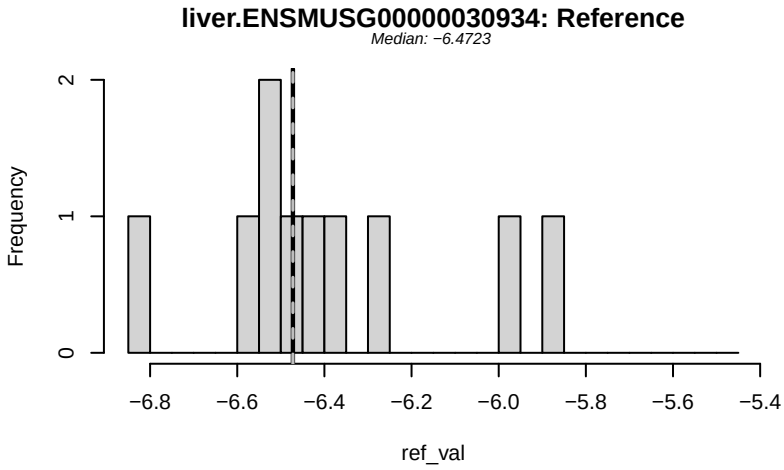

liver.ENSMUSG00000054827: Experimental
Median: −5.9249
p−val: 0.0111
Frequency
exp_val

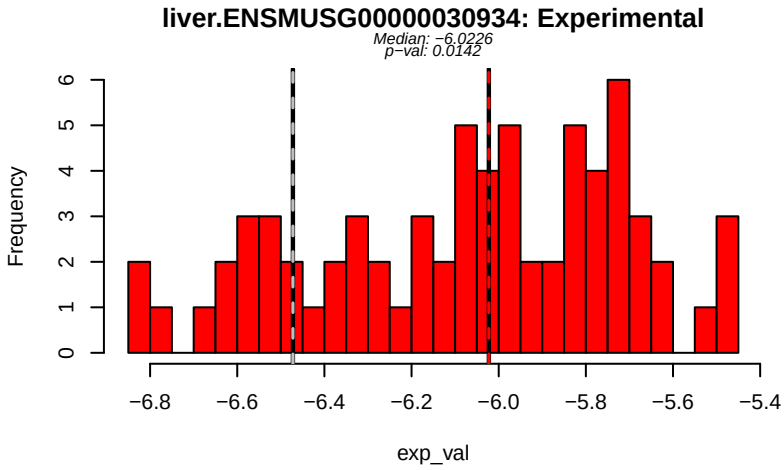

liver.ENSMUSG00000029260: Reference
Median: −6.8892
Frequency
ref_val

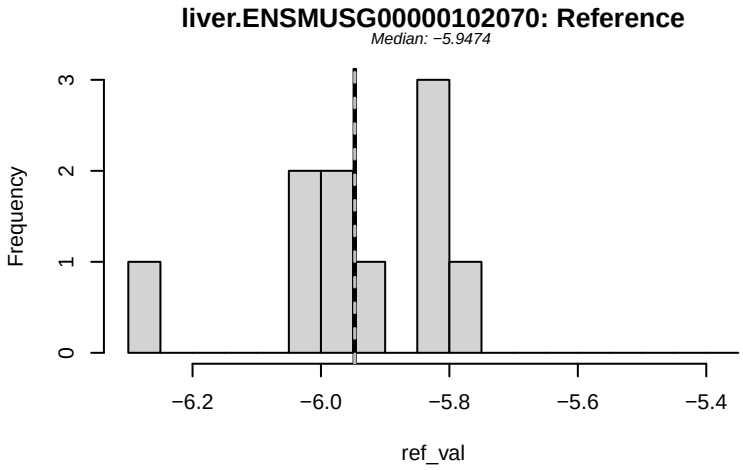

liver.ENSMUSG00000029260: Experimental
Median: −6.7730
p−val: 0.0121
Frequency
exp_val

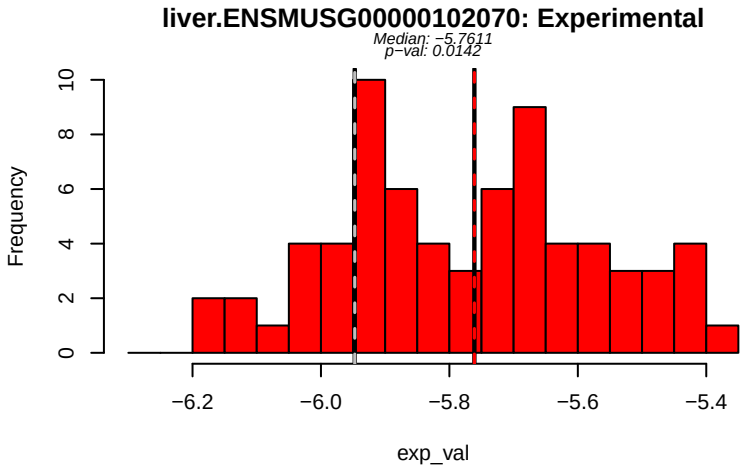

liver.ENSMUSG00000068823: Reference
Median: −7.3030
Frequency
ref_val

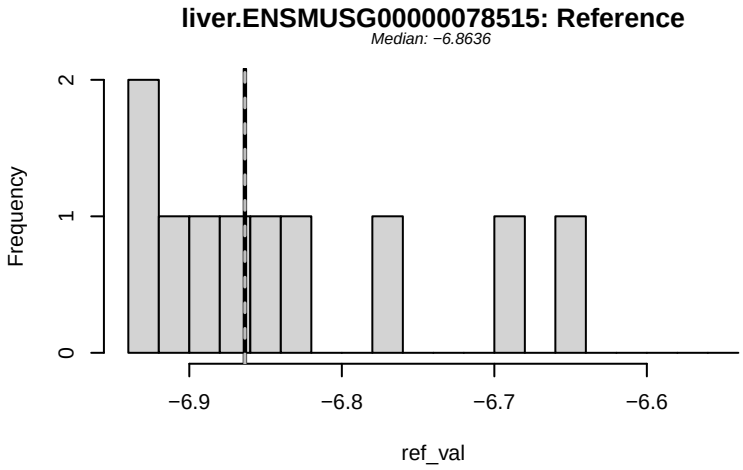

liver.ENSMUSG00000068823: Experimental
Median: −7.2361
p−val: 0.0137
Frequency
exp_val

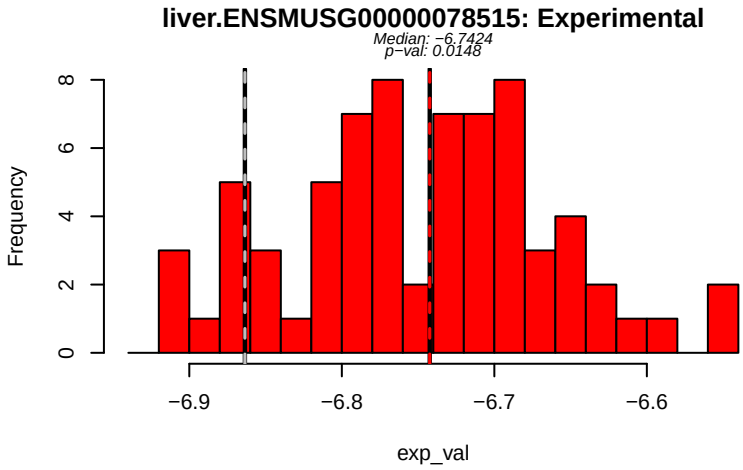

liver.ENSMUSG00000030934: Reference
Median: −6.4723
Frequency
ref_val

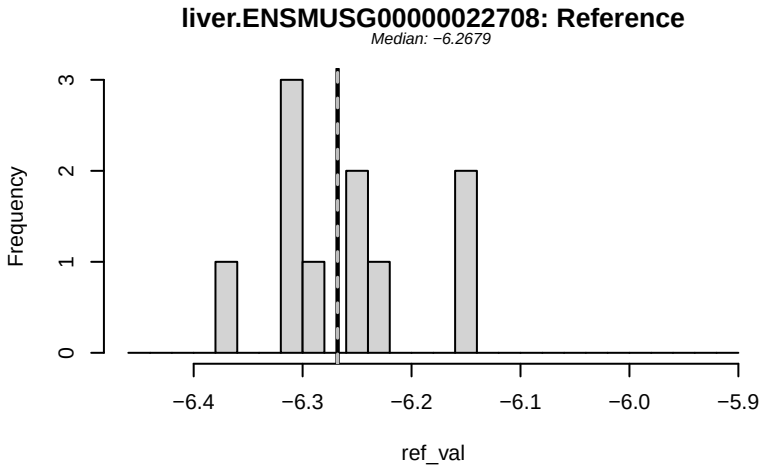

liver.ENSMUSG00000030934: Experimental
Median: −6.0226
p−val: 0.0142
Frequency
exp_val

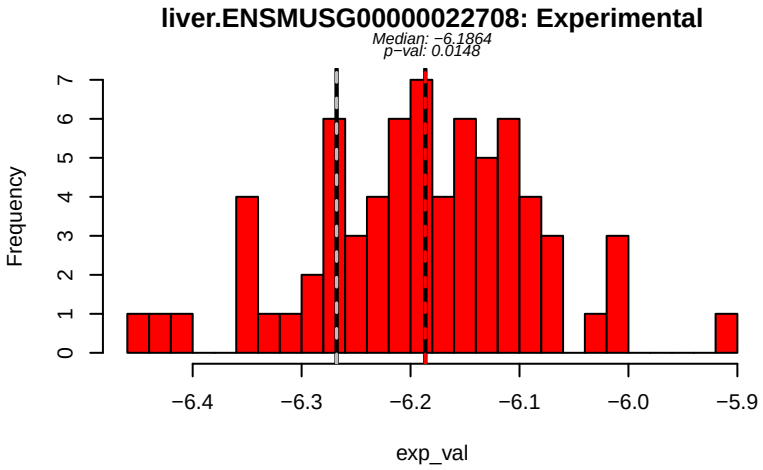

liver.ENSMUSG00000102070: Reference
Median: −5.9474
Frequency
ref_val

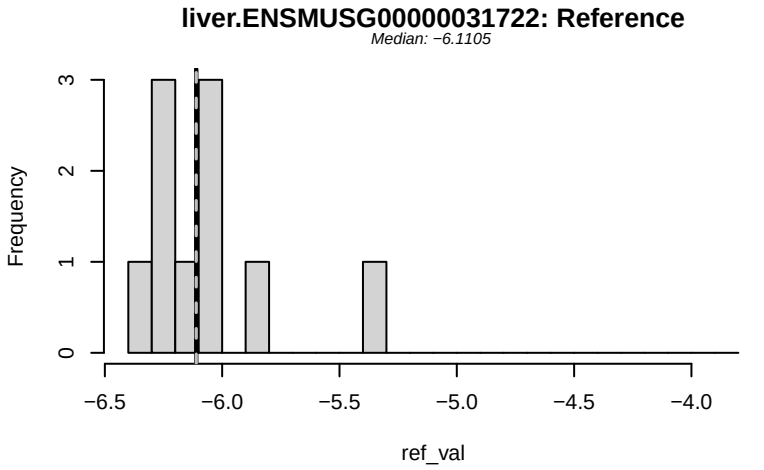

liver.ENSMUSG00000102070: Experimental
Median: −5.7611
p−val: 0.0142
Frequency
exp_val

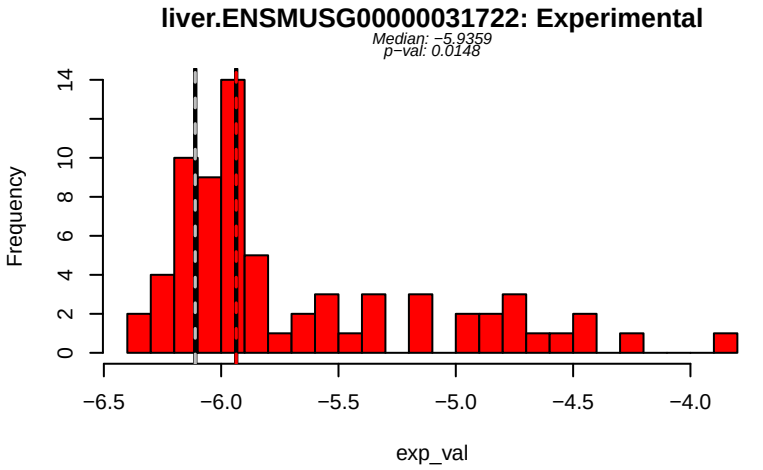

liver.ENSMUSG00000078515: Reference
Median: −6.8636
Frequency
ref_val

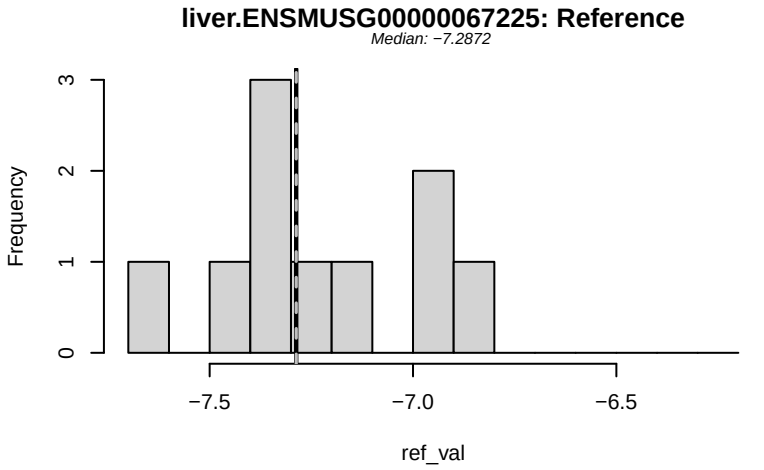

liver.ENSMUSG00000078515: Experimental
Median: −6.7424
p−val: 0.0148
Frequency
exp_val

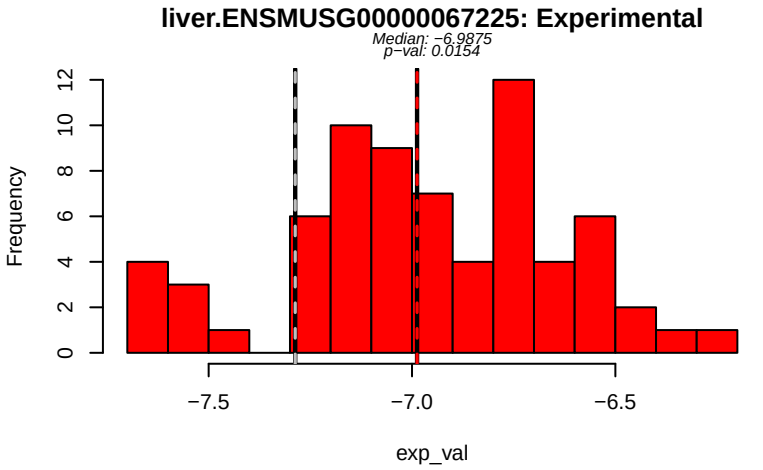

liver.ENSMUSG00000022708: Reference
Median: −6.2679
Frequency
ref_val

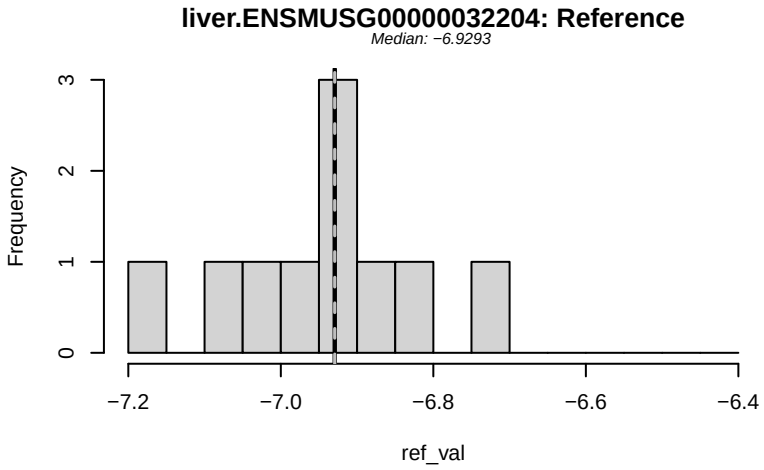

liver.ENSMUSG00000022708: Experimental
Median: −6.1864
p−val: 0.0148
Frequency
exp_val

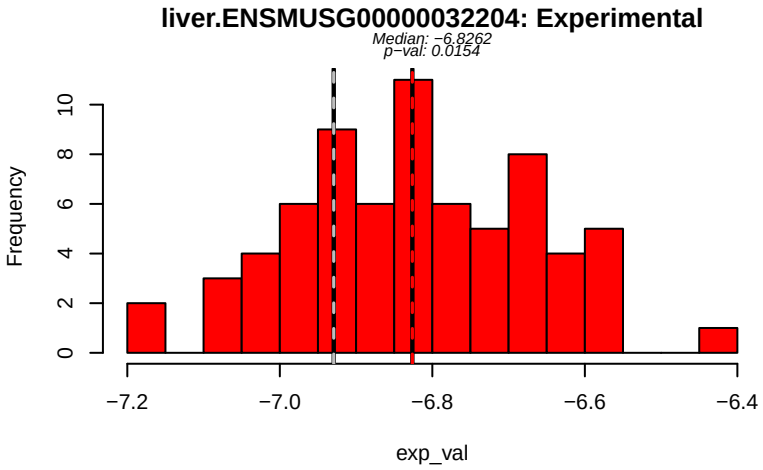

liver.ENSMUSG00000031722: Reference
Median: −6.1105
Frequency
ref_val

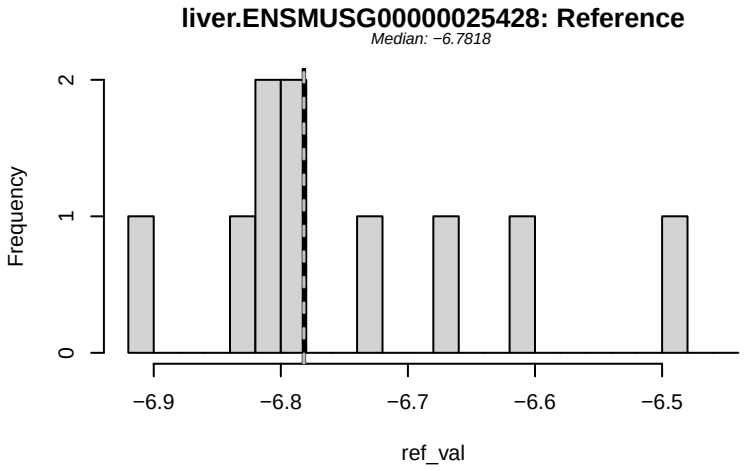

liver.ENSMUSG00000031722: Experimental
Median: −5.9359
p−val: 0.0148
Frequency
exp_val

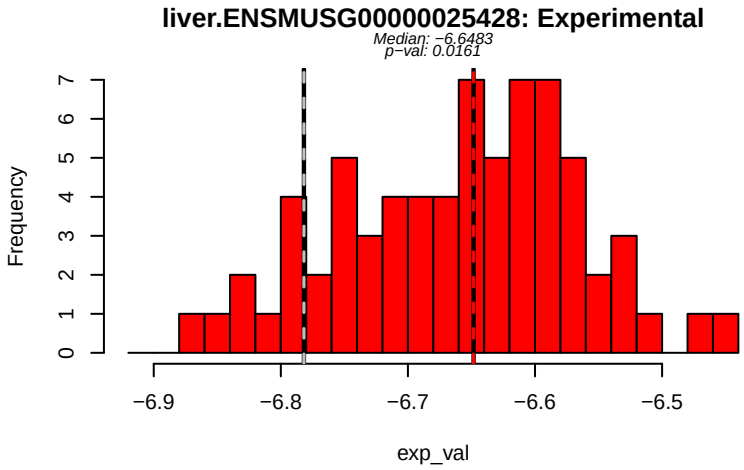

liver.ENSMUSG00000067225: Reference
Median: −7.2872
Frequency
ref_val

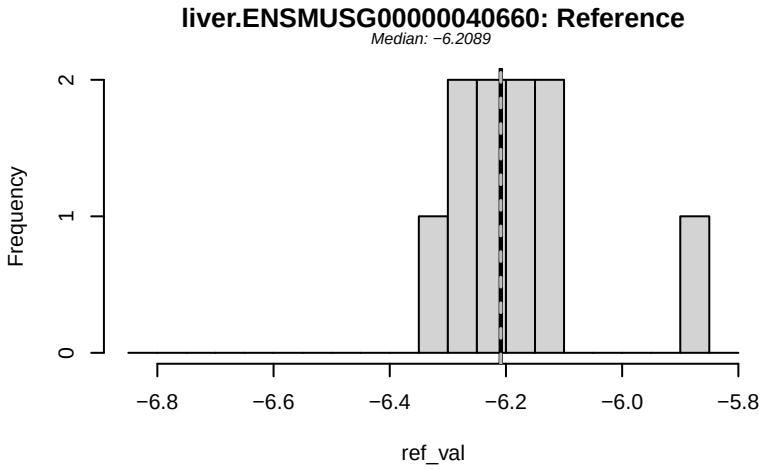

liver.ENSMUSG00000067225: Experimental
Median: −6.9875
p−val: 0.0154
Frequency
exp_val

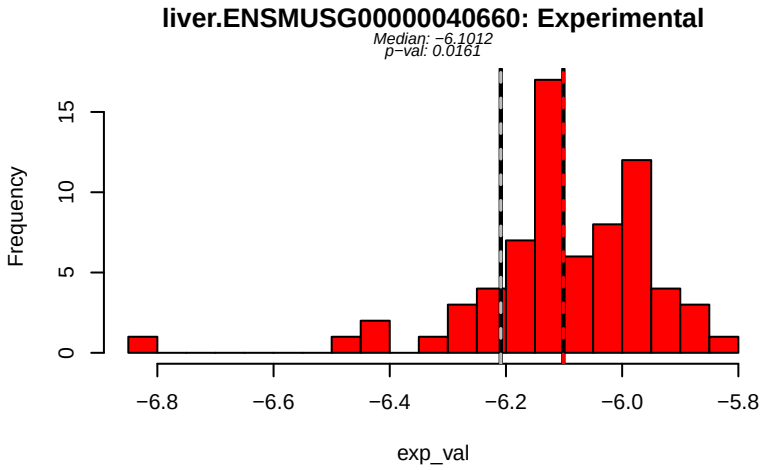

liver.ENSMUSG00000032204: Reference
Median: −6.9293
Frequency
ref_val

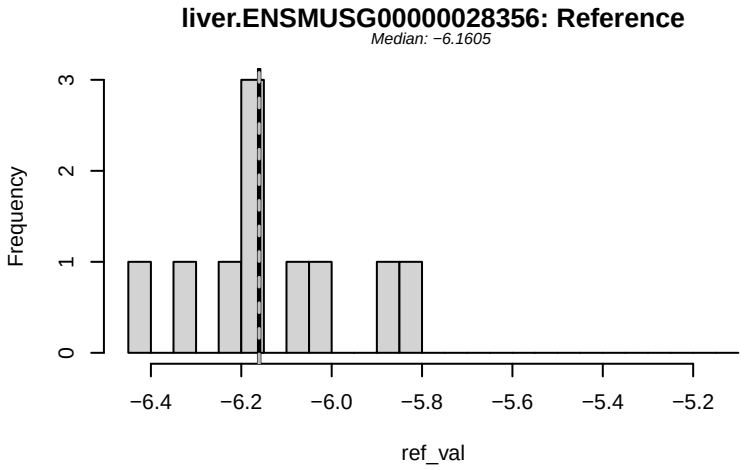

liver.ENSMUSG00000032204: Experimental
Median: −6.8262
p−val: 0.0154
Frequency
exp_val

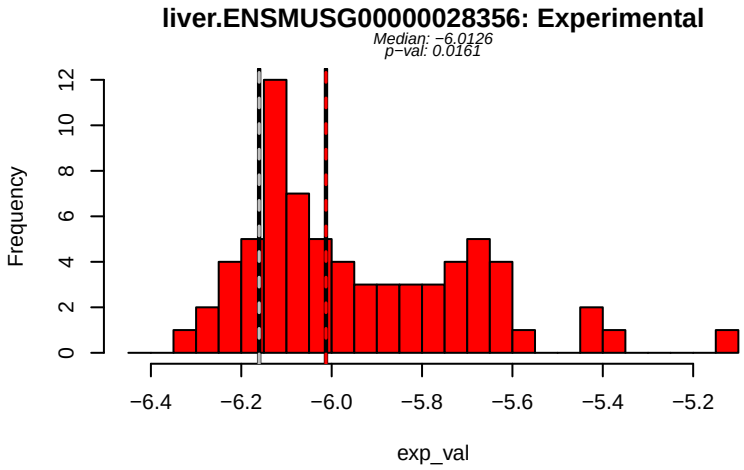

liver.ENSMUSG00000025428: Reference
Median: −6.7818
Frequency
ref_val

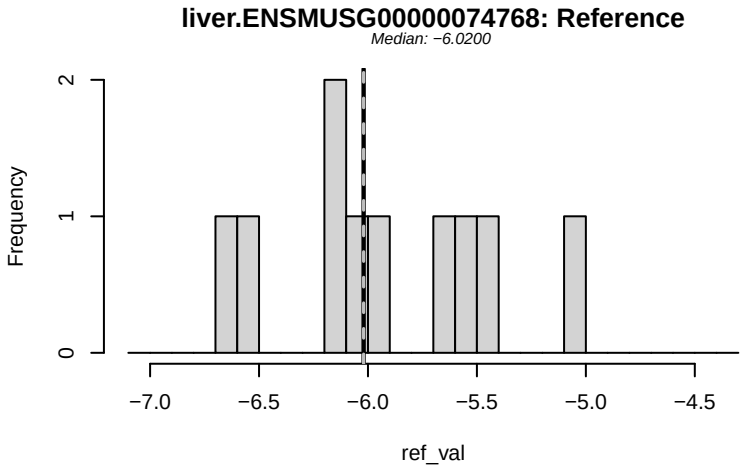

liver.ENSMUSG00000025428: Experimental
Median: −6.6483
p−val: 0.0161
Frequency
exp_val

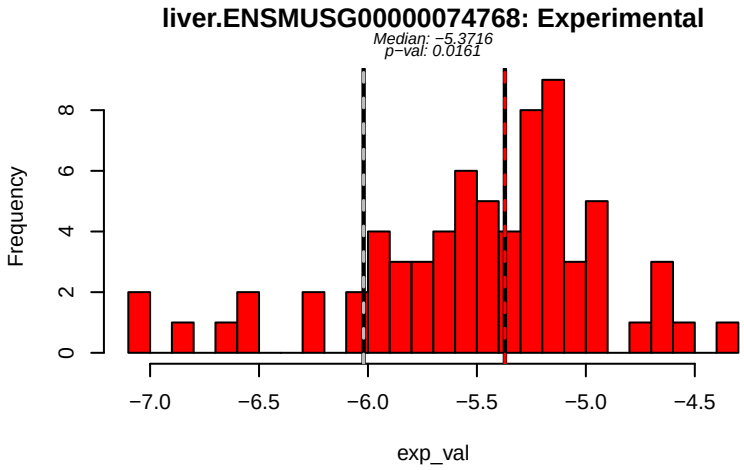

liver.ENSMUSG00000040660: Reference
Median: −6.2089
Frequency
ref_val

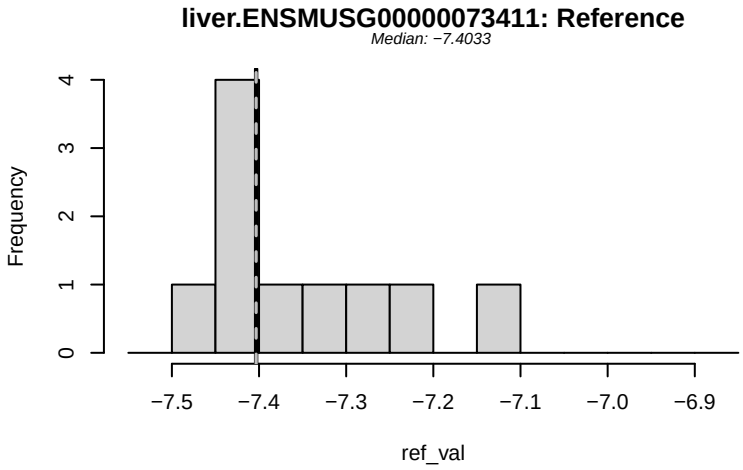

liver.ENSMUSG00000040660: Experimental
Median: −6.1012
p−val: 0.0161
Frequency
exp_val

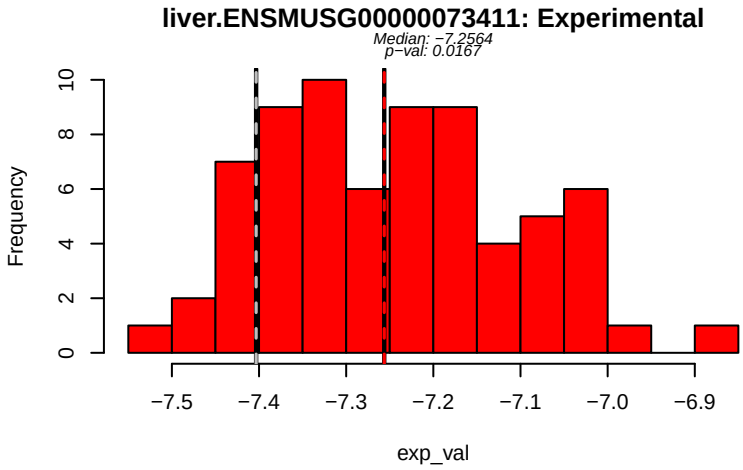

liver.ENSMUSG00000028356: Reference
Median: −6.1605
Frequency
ref_val

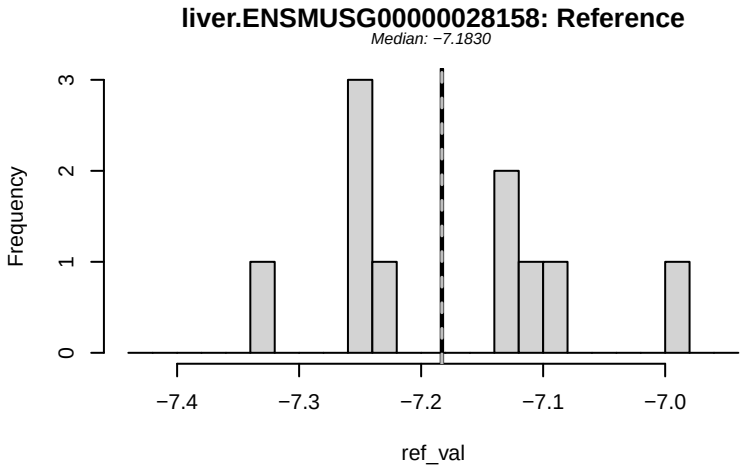

liver.ENSMUSG00000028356: Experimental
Median: −6.0126
p−val: 0.0161
Frequency
exp_val

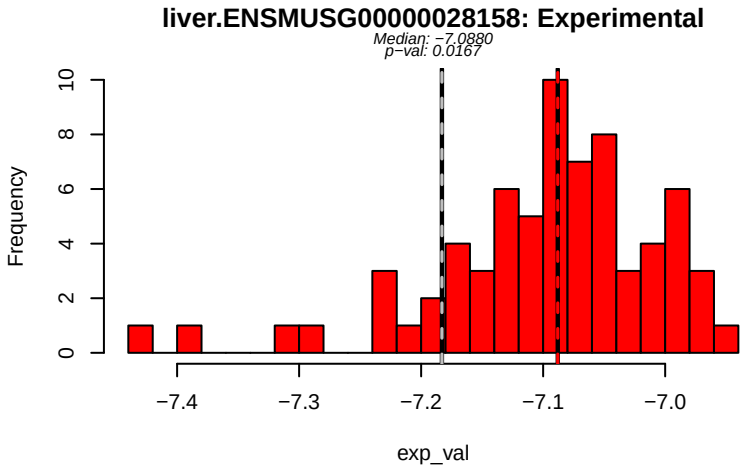

liver.ENSMUSG00000074768: Reference
Median: −6.0200
Frequency
ref_val

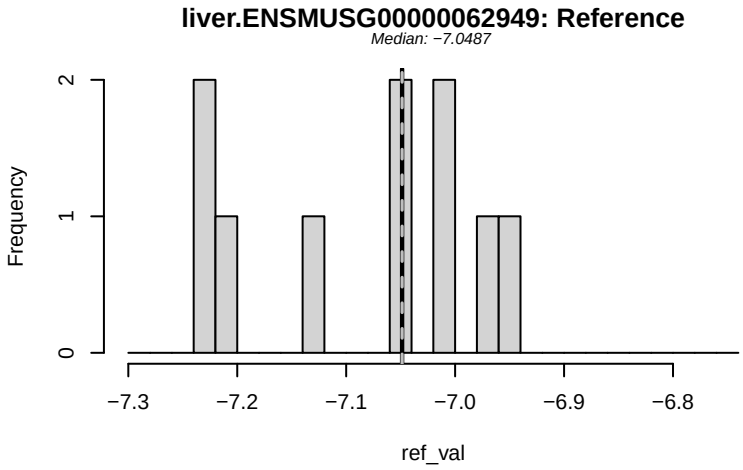

liver.ENSMUSG00000074768: Experimental
Median: −5.3716
p−val: 0.0161
Frequency
exp_val

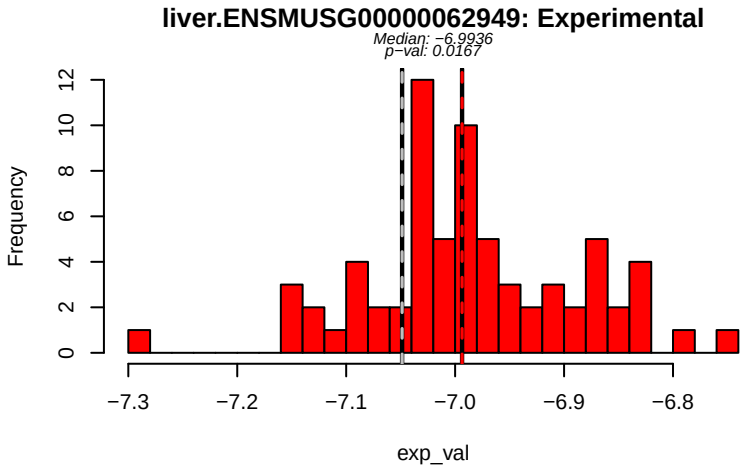

liver.ENSMUSG00000073411: Reference
Median: −7.4033
Frequency
ref_val

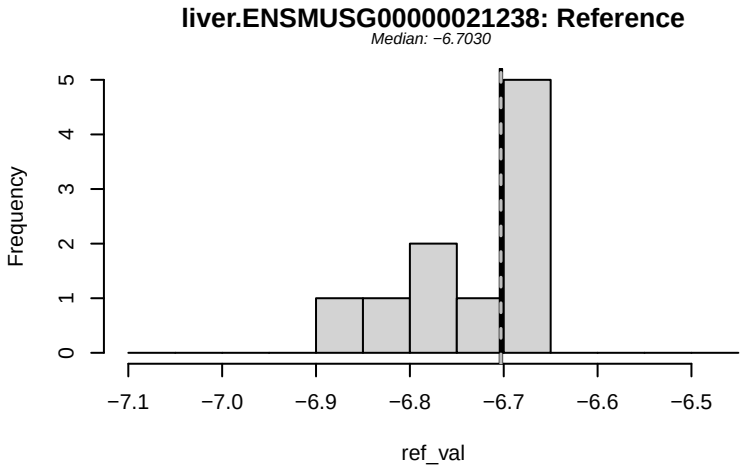

liver.ENSMUSG00000073411: Experimental
Median: −7.2564
p−val: 0.0167
Frequency
exp_val

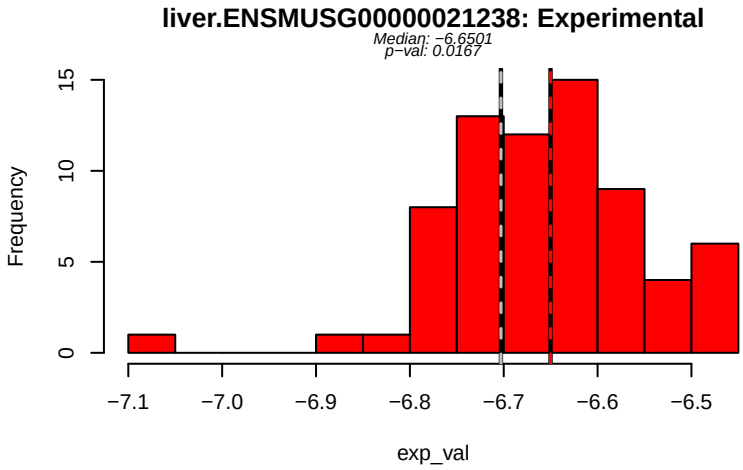

liver.ENSMUSG00000028158: Reference
Median: −7.1830
Frequency
ref_val

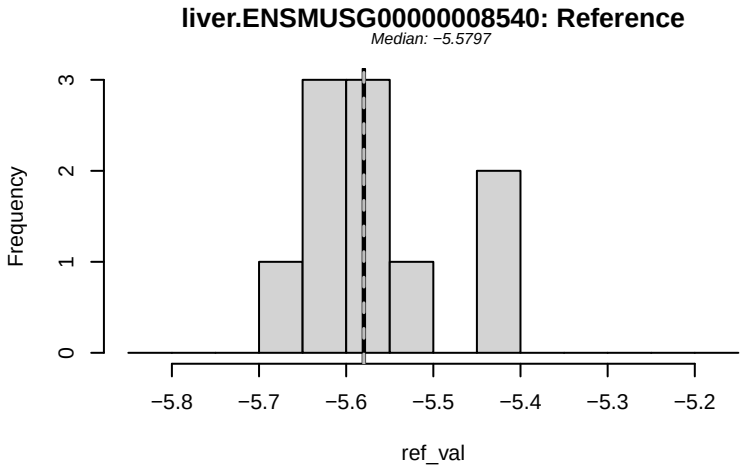

liver.ENSMUSG00000028158: Experimental
Median: −7.0880
p−val: 0.0167
Frequency
exp_val

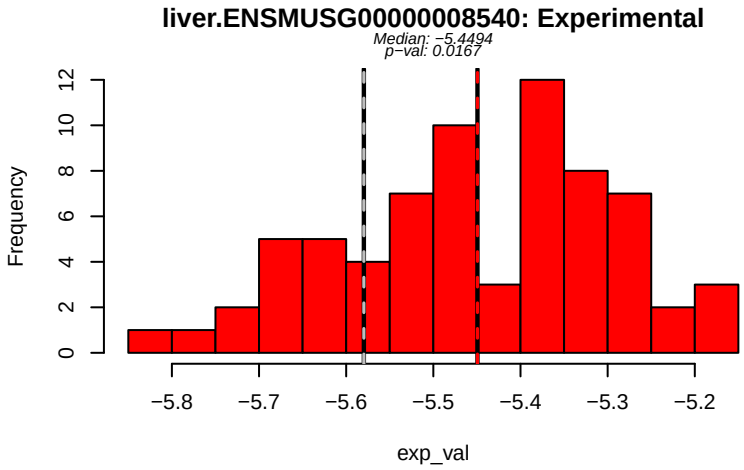

liver.ENSMUSG00000062949: Reference
Median: −7.0487
Frequency
ref_val

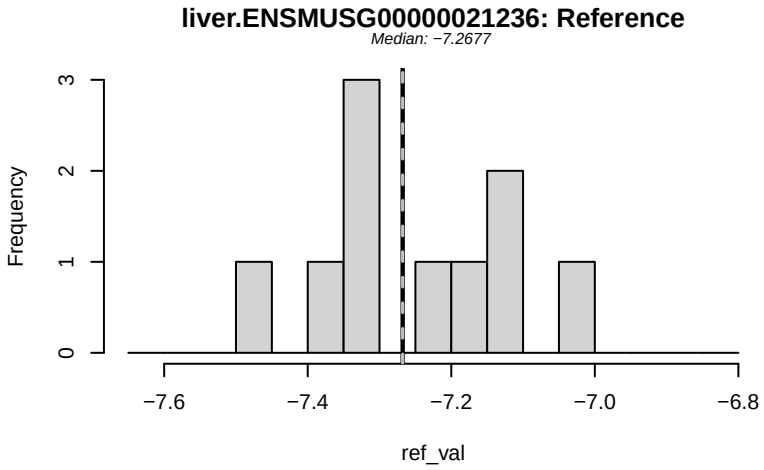

liver.ENSMUSG00000062949: Experimental
Median: −6.9936
p−val: 0.0167
Frequency
exp_val

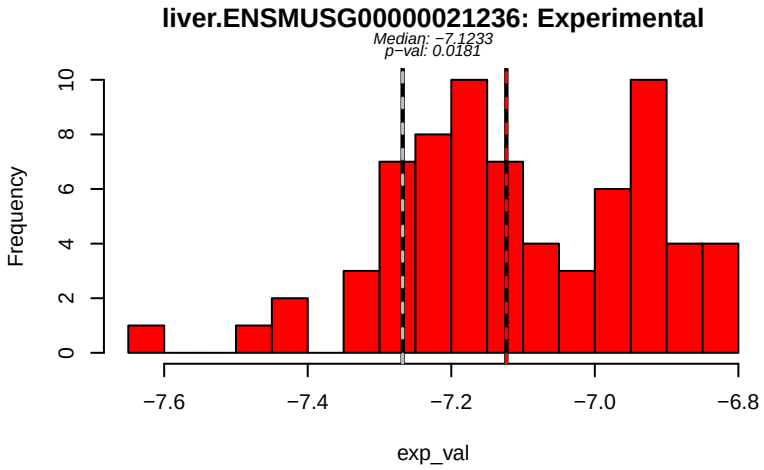

liver.ENSMUSG00000021238: Reference
Median: −6.7030
Frequency
ref_val

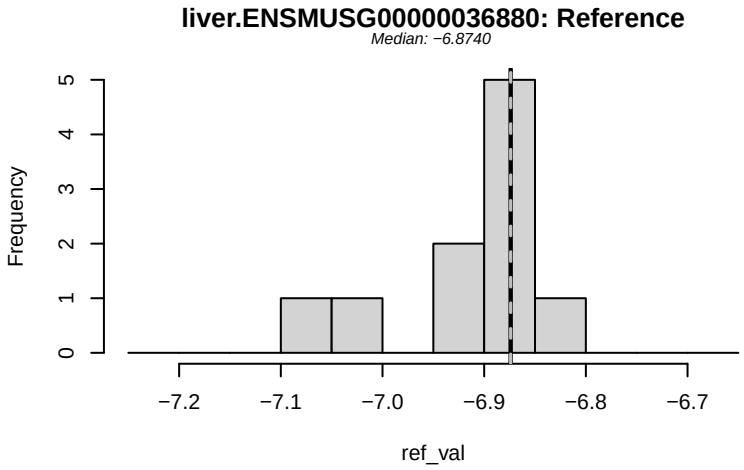

liver.ENSMUSG00000021238: Experimental
Median: −6.6501
p−val: 0.0167
Frequency
exp_val

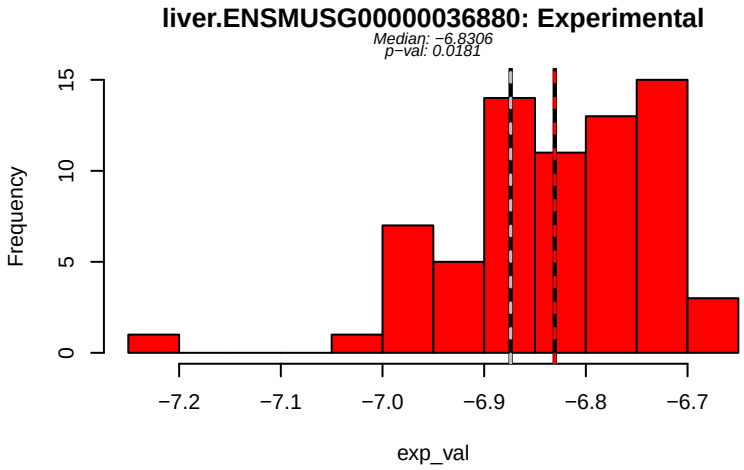

liver.ENSMUSG00000008540: Reference
Median: −5.5797
Frequency
ref_val

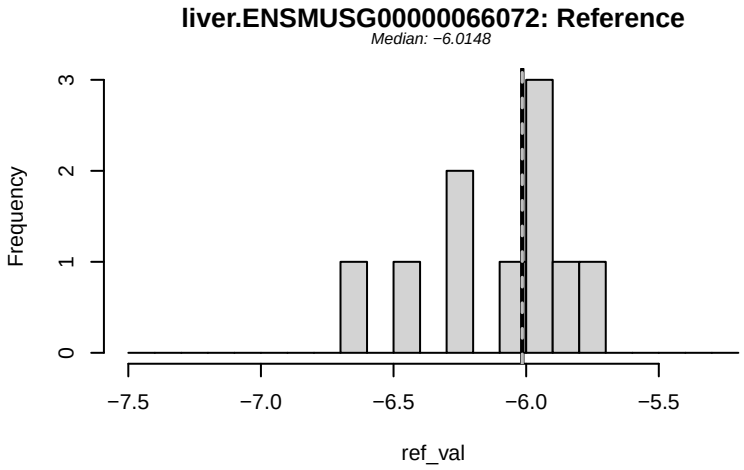

liver.ENSMUSG00000008540: Experimental
Median: −5.4494
p−val: 0.0167
Frequency
exp_val

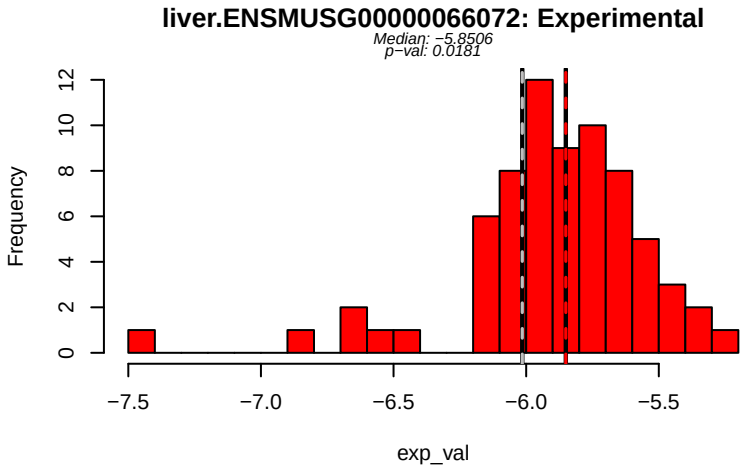

liver.ENSMUSG00000021236: Reference
Median: −7.2677
Frequency
ref_val

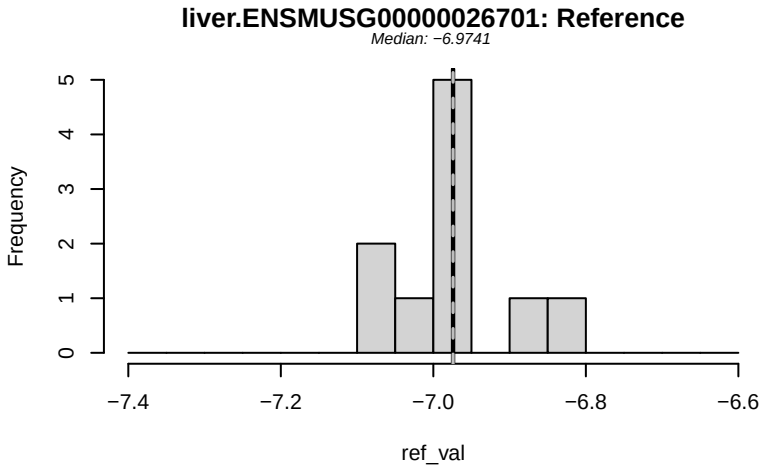

liver.ENSMUSG00000021236: Experimental
Median: −7.1233
p−val: 0.0181
Frequency
exp_val

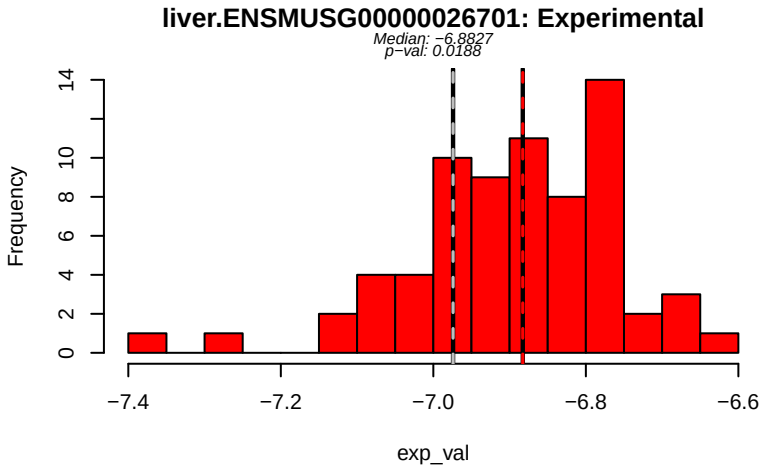

liver.ENSMUSG00000036880: Reference
Median: −6.8740
Frequency
ref_val

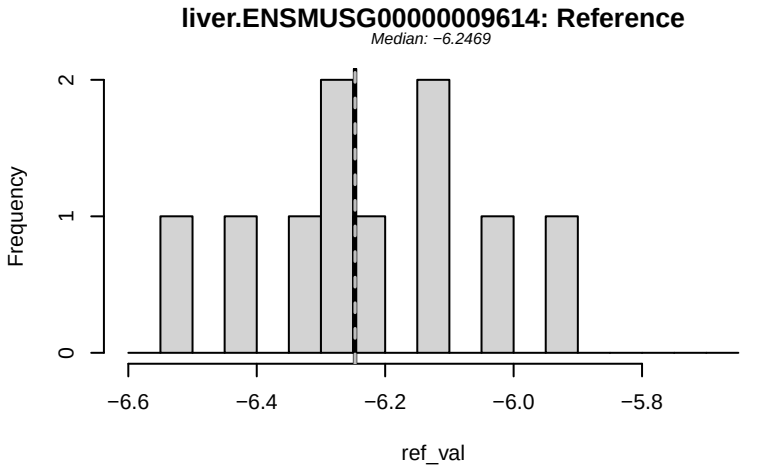

liver.ENSMUSG00000036880: Experimental
Median: −6.8306
p−val: 0.0181
Frequency
exp_val

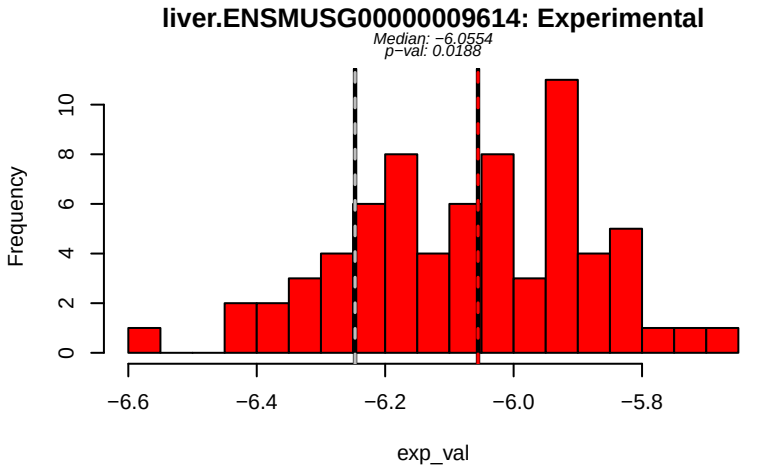

liver.ENSMUSG00000066072: Reference
Median: −6.0148
Frequency
ref_val

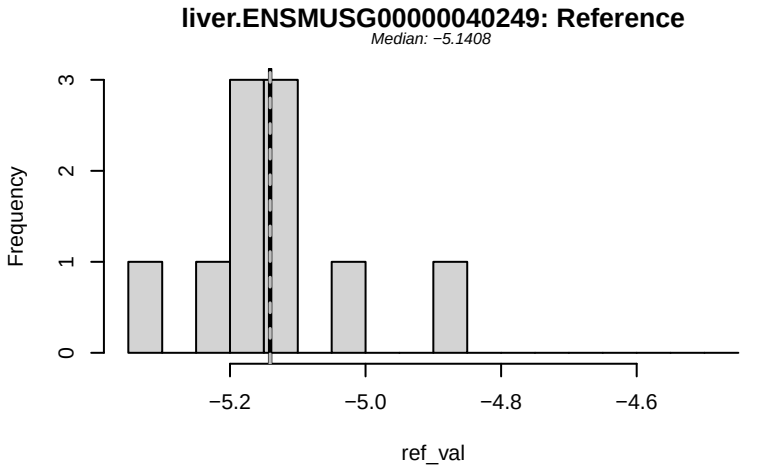

liver.ENSMUSG00000066072: Experimental
Median: −5.8506
p−val: 0.0181
Frequency
exp_val

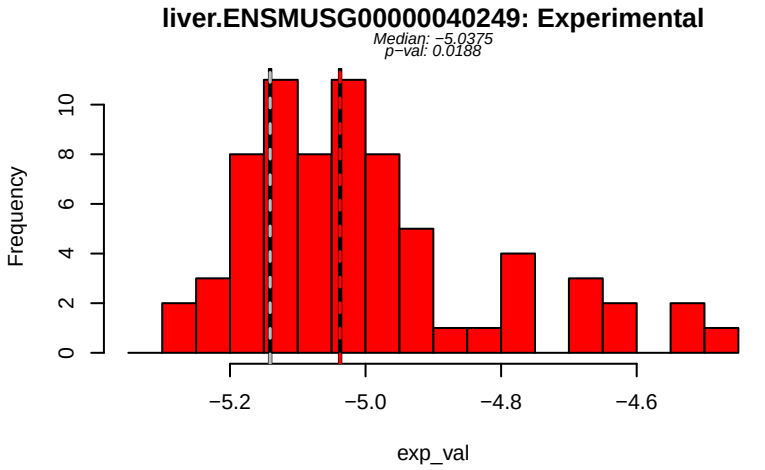

liver.ENSMUSG00000026701: Reference
Median: −6.9741
Frequency
ref_val

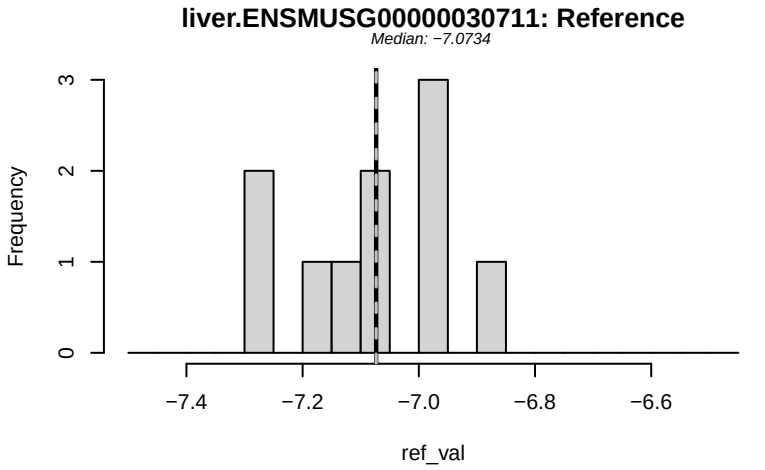

liver.ENSMUSG00000026701: Experimental
Median: −6.8827
p−val: 0.0188
Frequency
exp_val

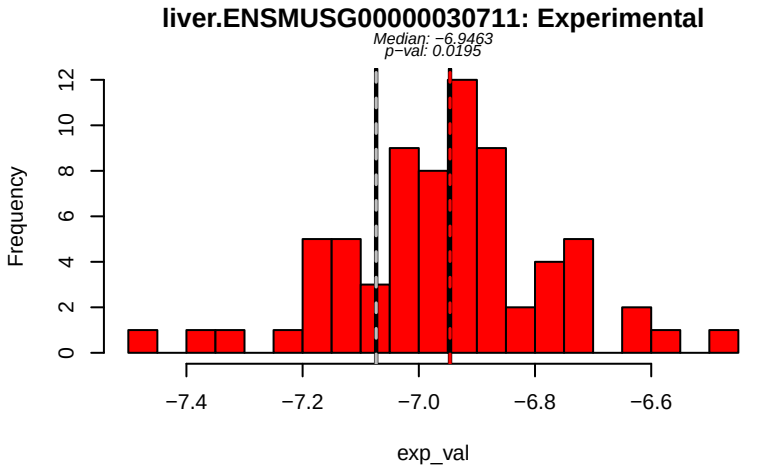

liver.ENSMUSG00000009614: Reference
Median: −6.2469
Frequency
ref_val

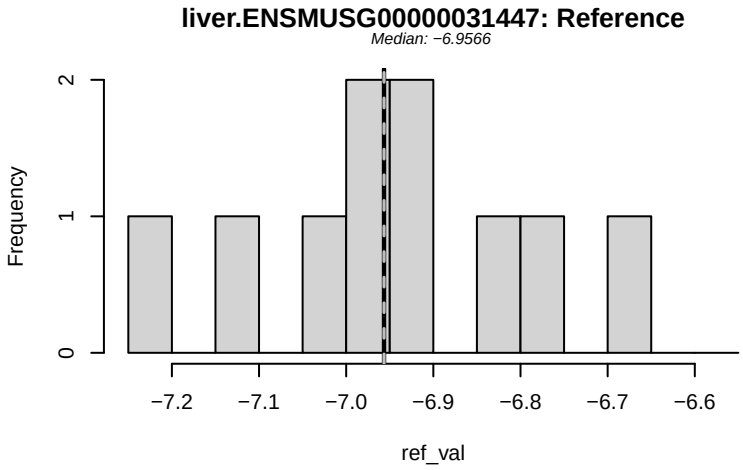

liver.ENSMUSG00000009614: Experimental
Median: −6.0554
p−val: 0.0188
Frequency
exp_val

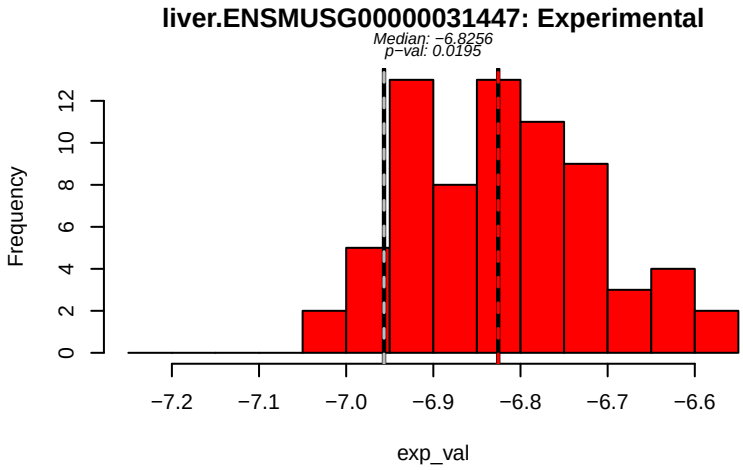

liver.ENSMUSG00000040249: Reference
Median: −5.1408
Frequency
ref_val

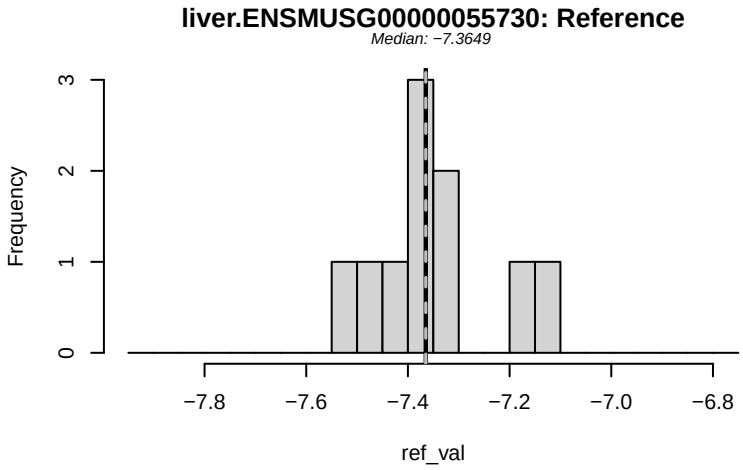

liver.ENSMUSG00000040249: Experimental
Median: −5.0375
p−val: 0.0188
Frequency
exp_val

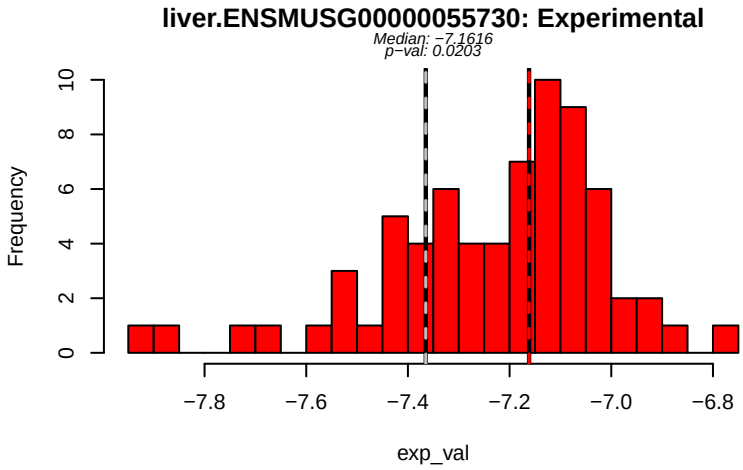

liver.ENSMUSG00000030711: Reference
Median: −7.0734
Frequency
ref_val

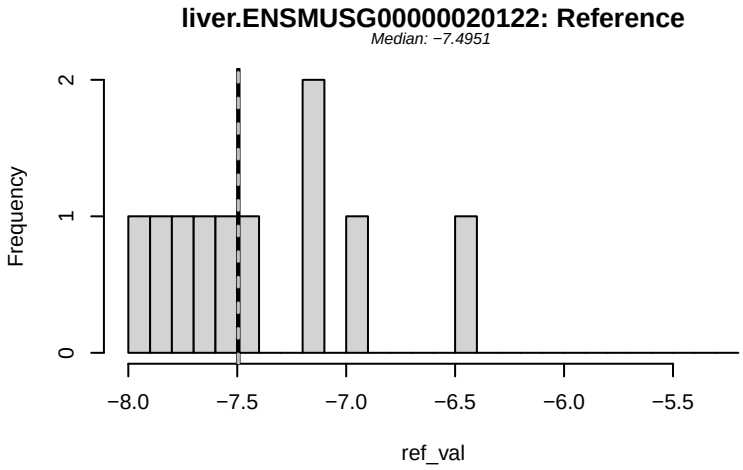

liver.ENSMUSG00000030711: Experimental
Median: −6.9463
p−val: 0.0195
Frequency
exp_val

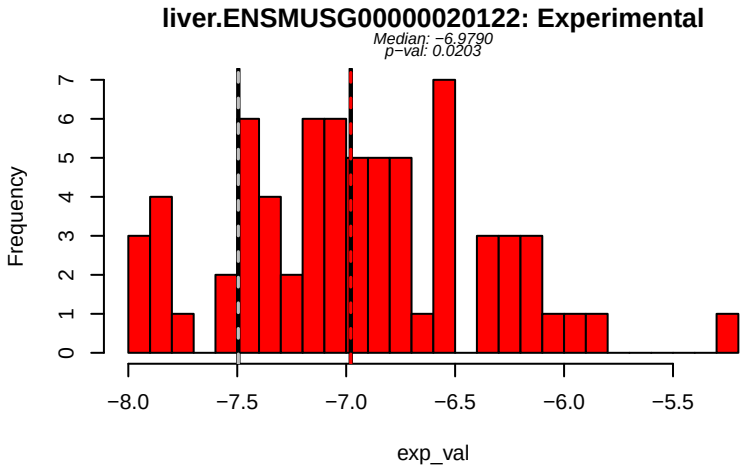

liver.ENSMUSG00000031447: Reference
Median: −6.9566
Frequency
ref_val

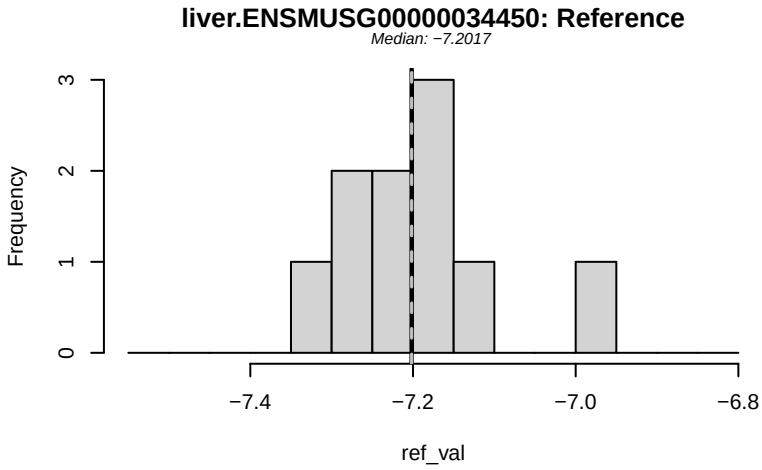

liver.ENSMUSG00000031447: Experimental
Median: −6.8256
p−val: 0.0195
Frequency
exp_val

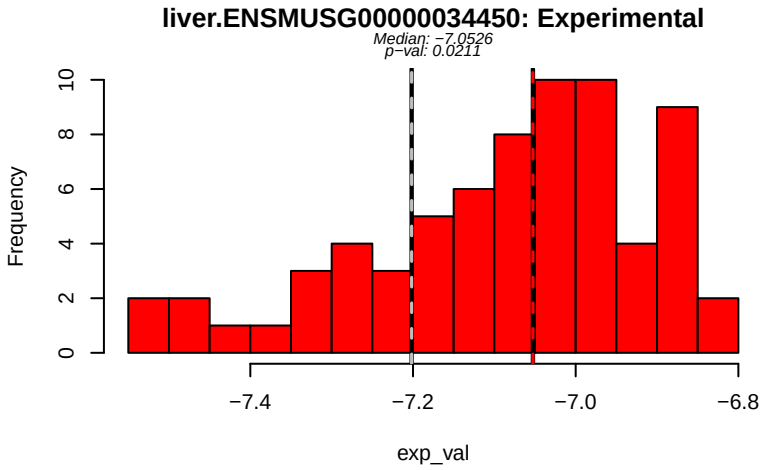

liver.ENSMUSG00000055730: Reference
Median: −7.3649
Frequency
ref_val

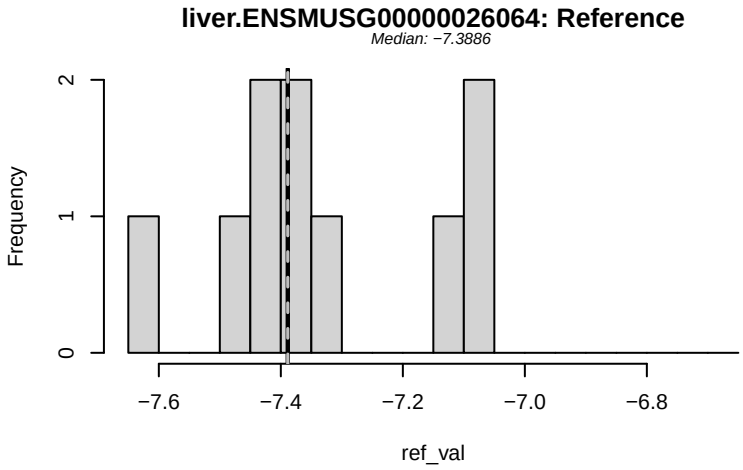

liver.ENSMUSG00000055730: Experimental
Median: −7.1616
p−val: 0.0203
Frequency
exp_val

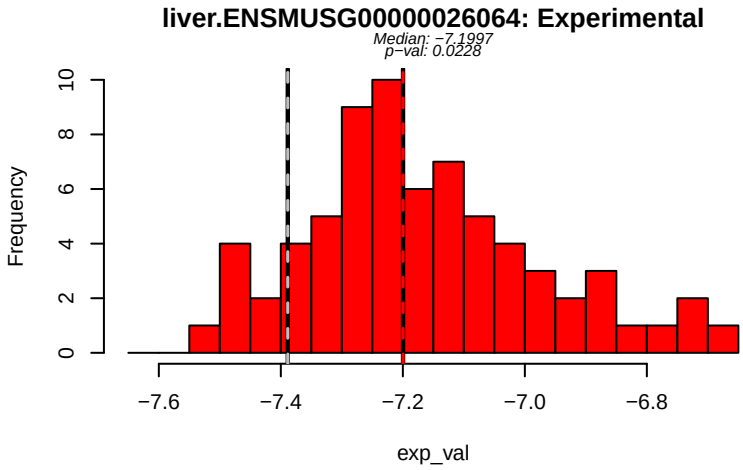

liver.ENSMUSG00000020122: Reference
Median: −7.4951
Frequency
ref_val

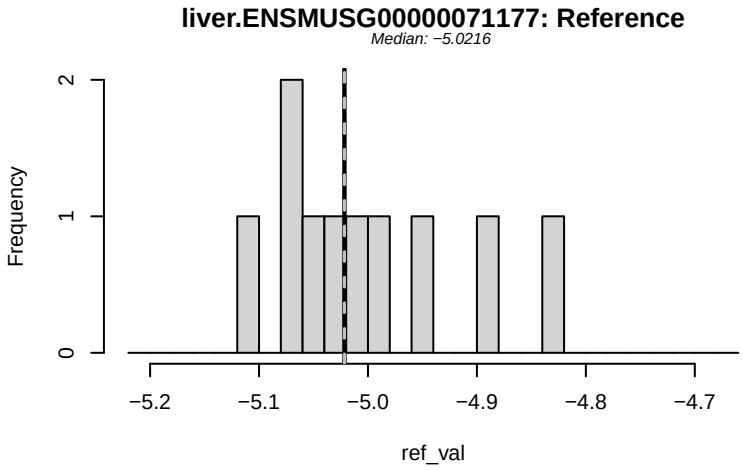

liver.ENSMUSG00000020122: Experimental
Median: −6.9790
p−val: 0.0203
Frequency
exp_val

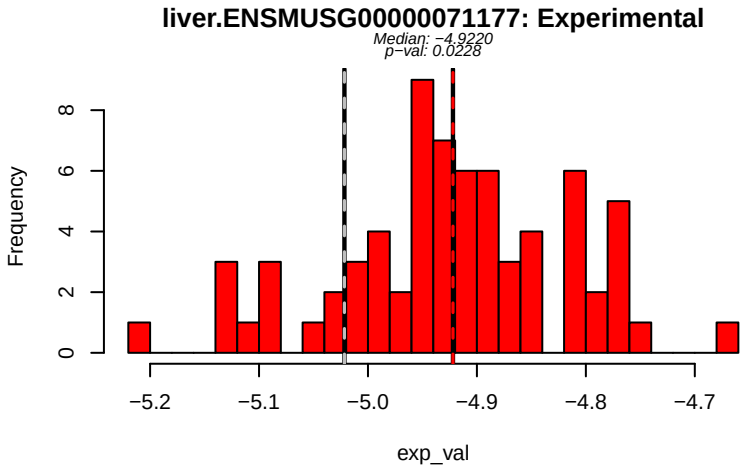

liver.ENSMUSG00000034450: Reference
Median: −7.2017
Frequency
ref_val

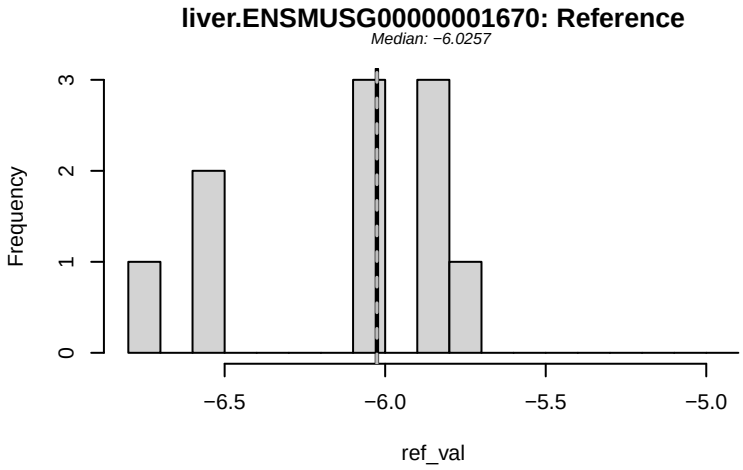

liver.ENSMUSG00000034450: Experimental
Median: −7.0526
p−val: 0.0211
Frequency
exp_val

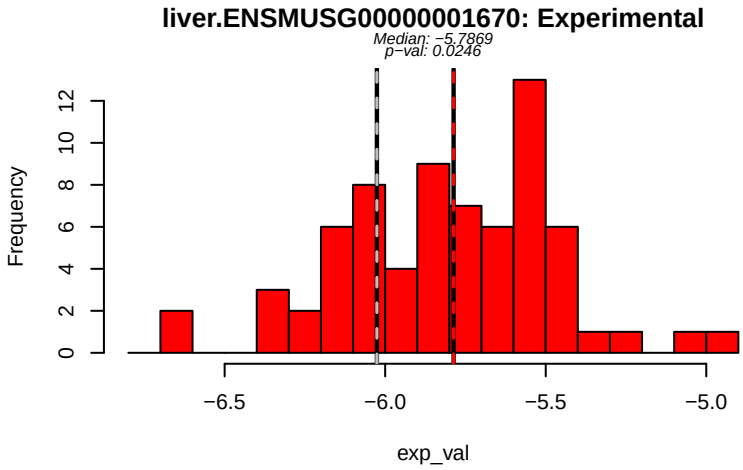

liver.ENSMUSG00000026064: Reference
Median: −7.3886
Frequency
ref_val

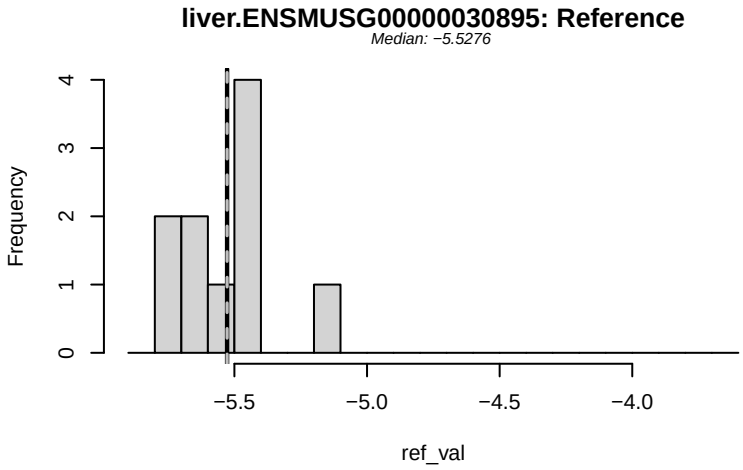

liver.ENSMUSG00000026064: Experimental
Median: −7.1997
p−val: 0.0228
Frequency
exp_val

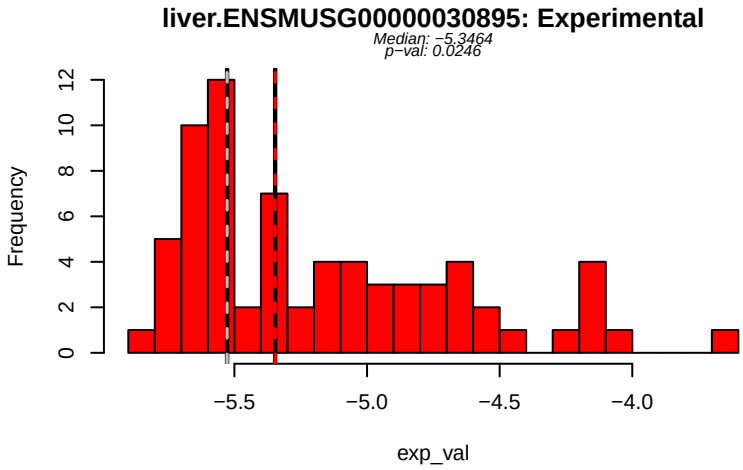

liver.ENSMUSG00000071177: Reference
Median: −5.0216
Frequency
ref_val

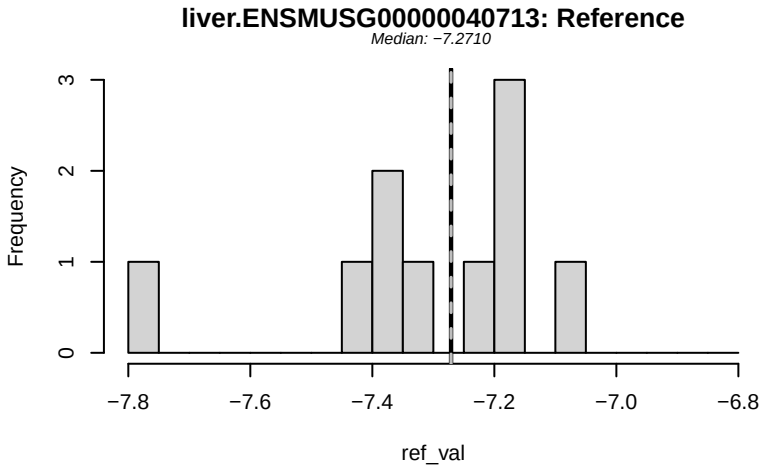

liver.ENSMUSG00000071177: Experimental
Median: −4.9220
p−val: 0.0228
Frequency
exp_val

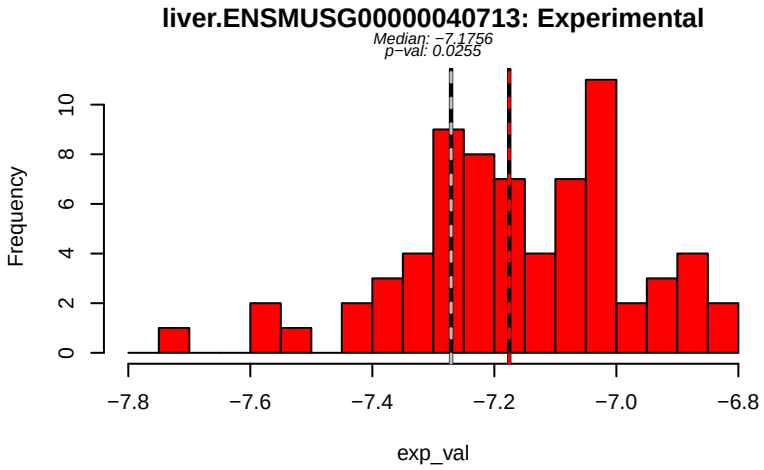

liver.ENSMUSG00000001670: Reference
Median: −6.0257
Frequency
ref_val

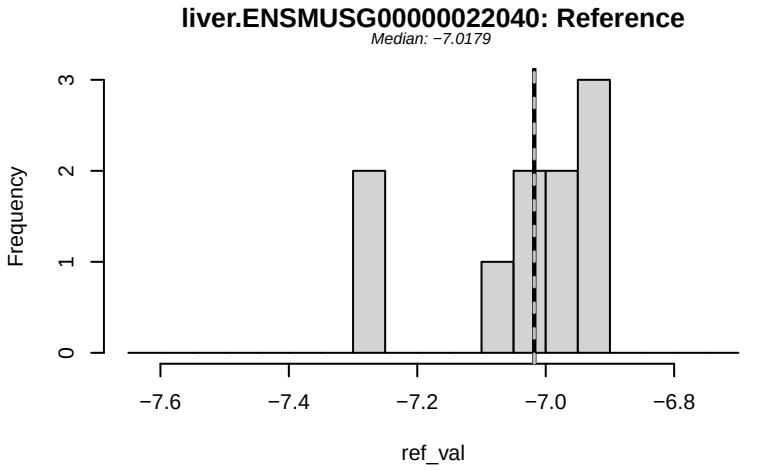

liver.ENSMUSG00000001670: Experimental
Median: −5.7869
p−val: 0.0246
Frequency
exp_val

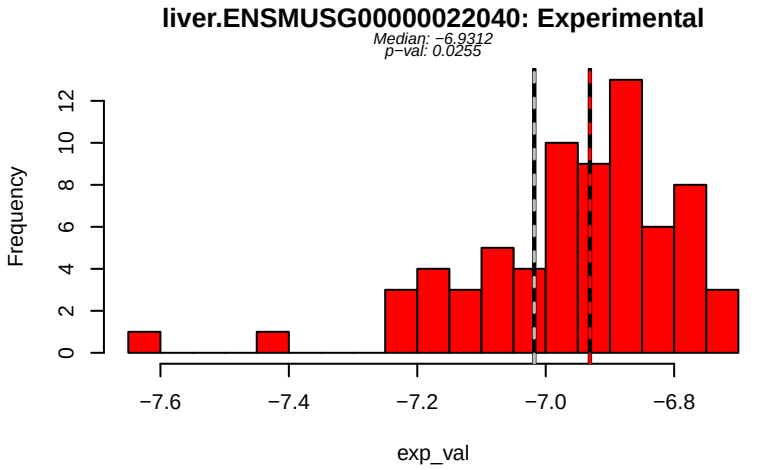

liver.ENSMUSG00000030895: Reference
Median: −5.5276
Frequency
ref_val

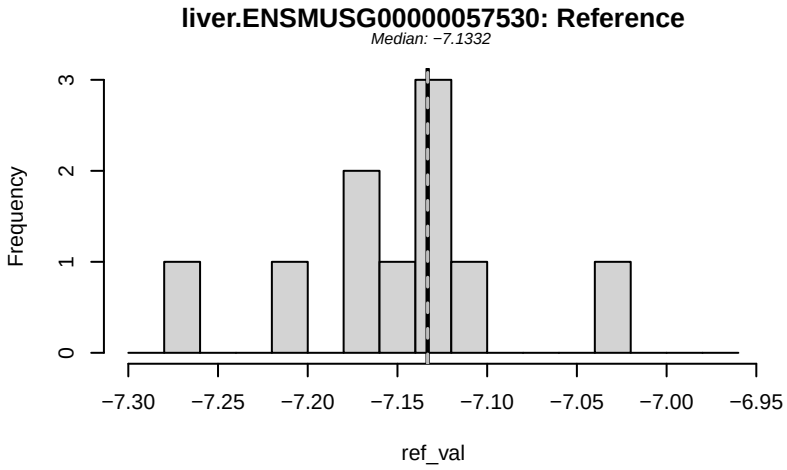

liver.ENSMUSG00000030895: Experimental
Median: −5.3464
p−val: 0.0246
Frequency
exp_val

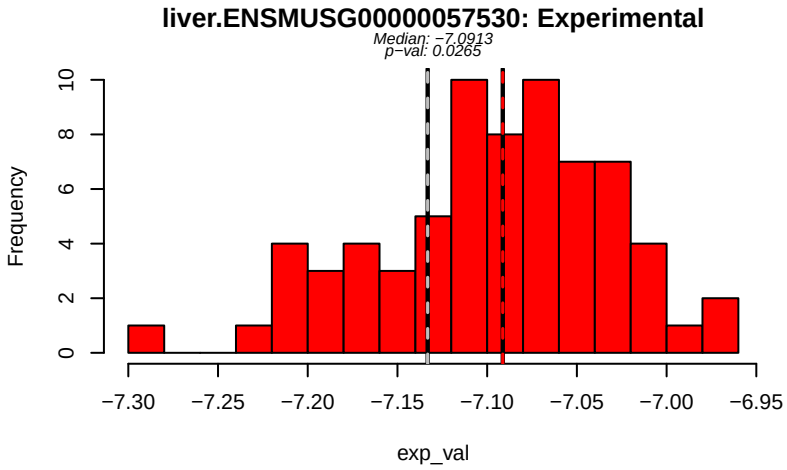

liver.ENSMUSG00000040713: Reference
Median: −7.2710
Frequency
ref_val

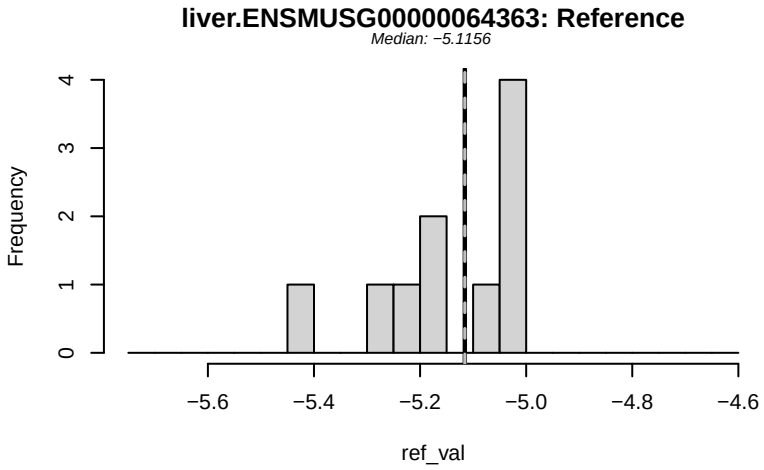

liver.ENSMUSG00000040713: Experimental
Median: −7.1756
p−val: 0.0255
Frequency
exp_val

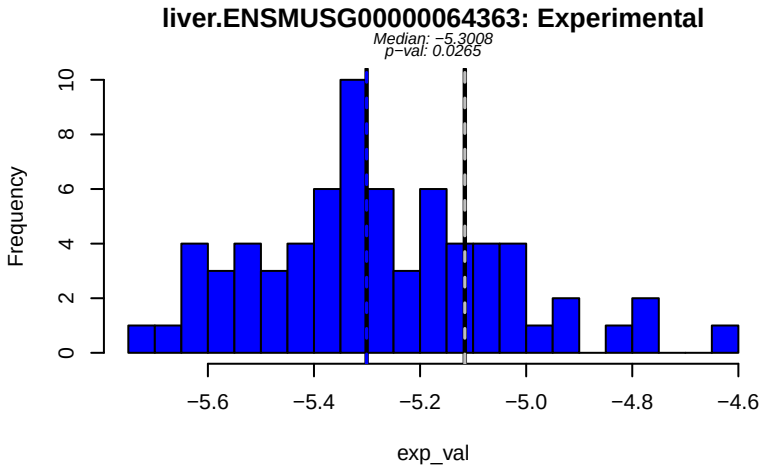

liver.ENSMUSG00000022040: Reference
Median: −7.0179
Frequency
ref_val

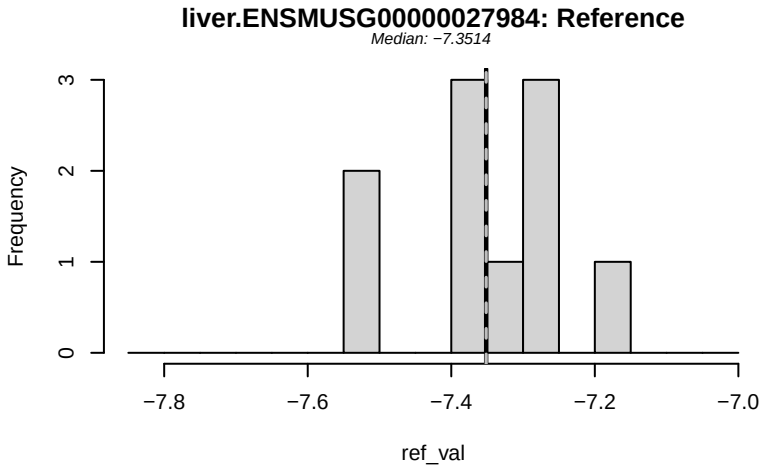

liver.ENSMUSG00000022040: Experimental
Median: −6.9312
p−val: 0.0255
Frequency
exp_val

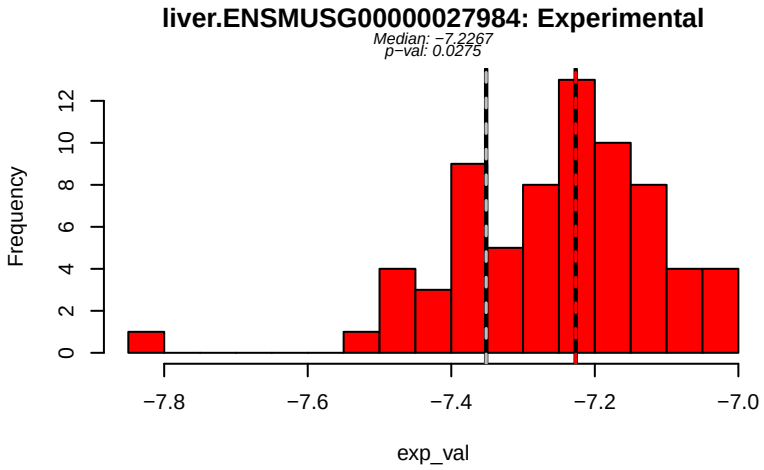

liver.ENSMUSG00000057530: Reference
Median: −7.1332
Frequency
ref_val

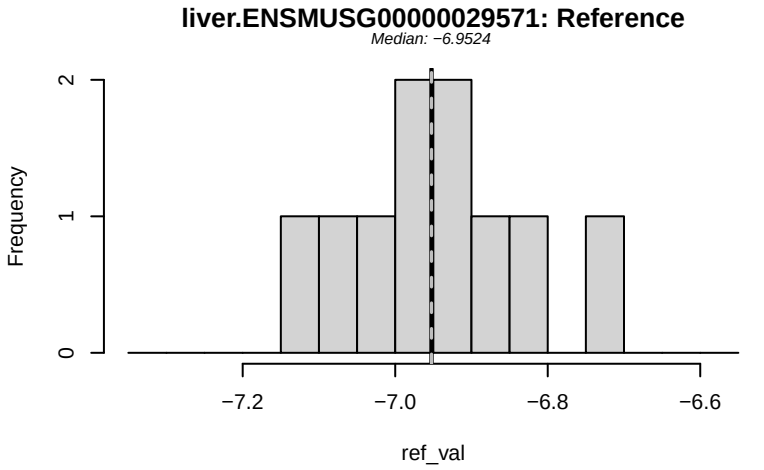

liver.ENSMUSG00000057530: Experimental
Median: −7.0913
p−val: 0.0265
Frequency
exp_val

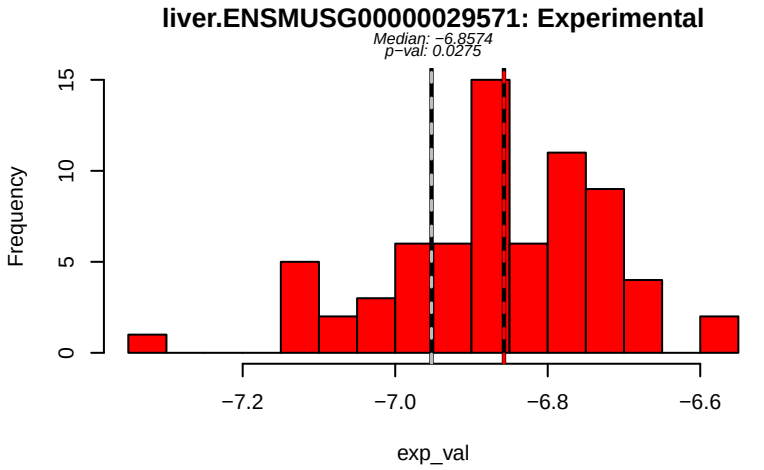

liver.ENSMUSG00000064363: Reference
Median: −5.1156
Frequency
ref_val

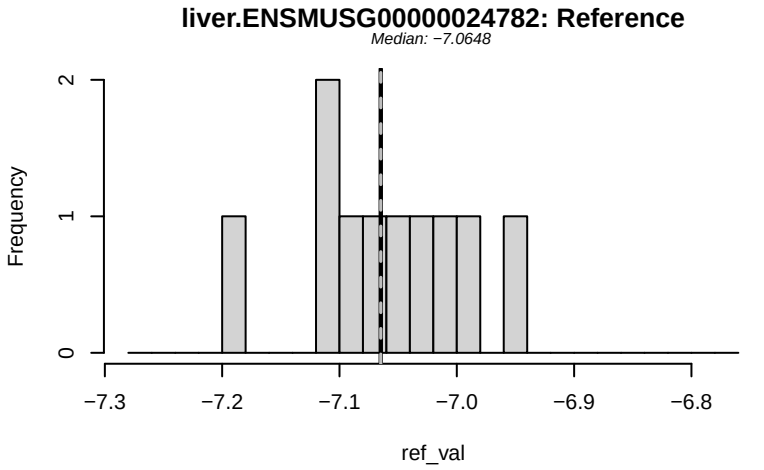

liver.ENSMUSG00000064363: Experimental
Median: −5.3008
p−val: 0.0265
Frequency
exp_val

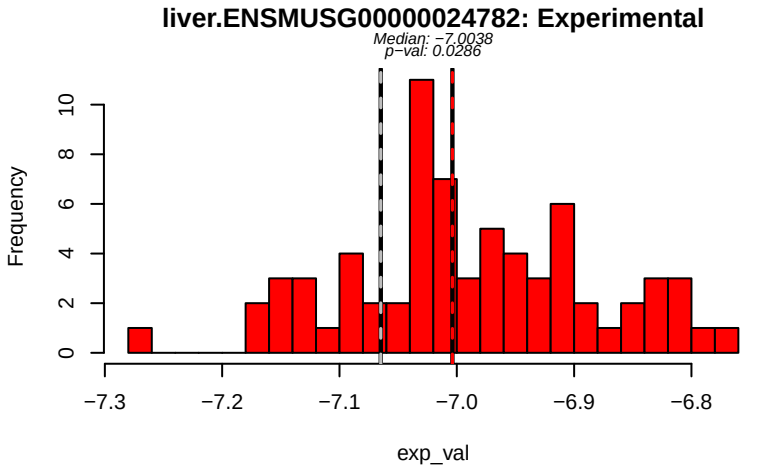

liver.ENSMUSG00000027984: Reference
Median: −7.3514
Frequency
ref_val

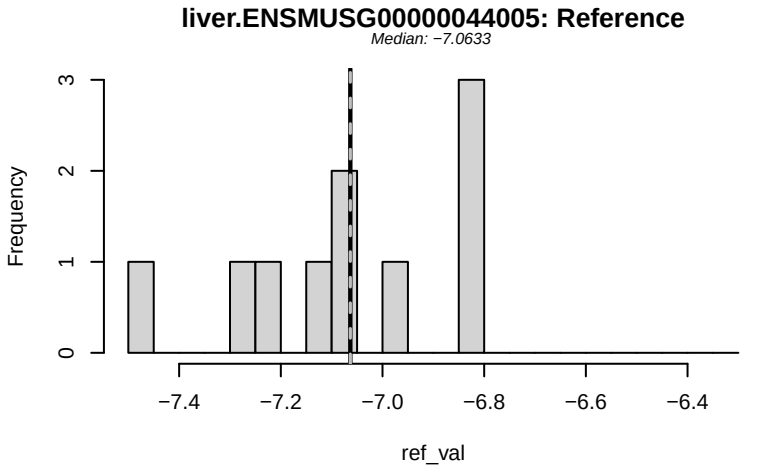

liver.ENSMUSG00000027984: Experimental
Median: −7.2267
p−val: 0.0275
Frequency
exp_val

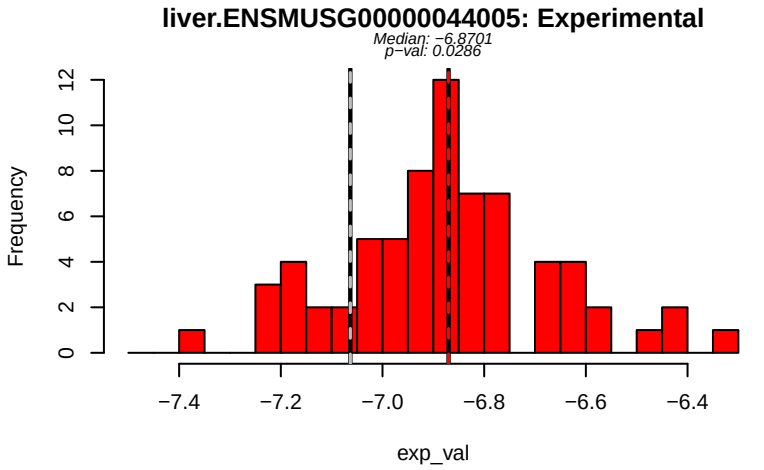

liver.ENSMUSG00000029571: Reference
Median: −6.9524
Frequency
ref_val

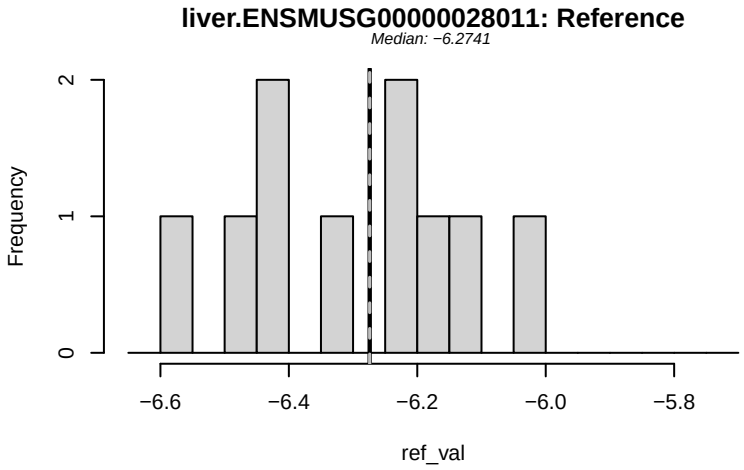

liver.ENSMUSG00000029571: Experimental
Median: −6.8574
p−val: 0.0275
Frequency
exp_val

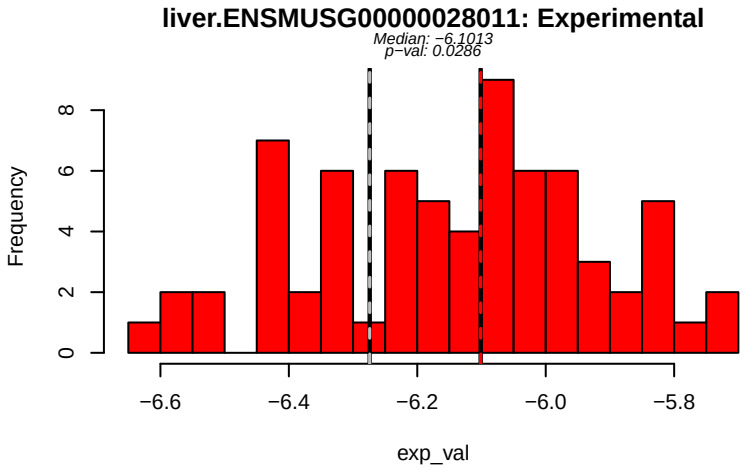

liver.ENSMUSG00000024782: Reference
Median: −7.0648
Frequency
ref_val

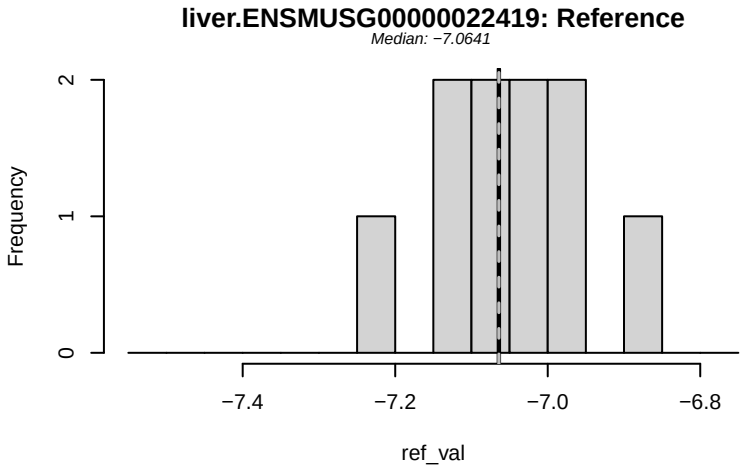

liver.ENSMUSG00000024782: Experimental
Median: −7.0038
p−val: 0.0286
Frequency
exp_val

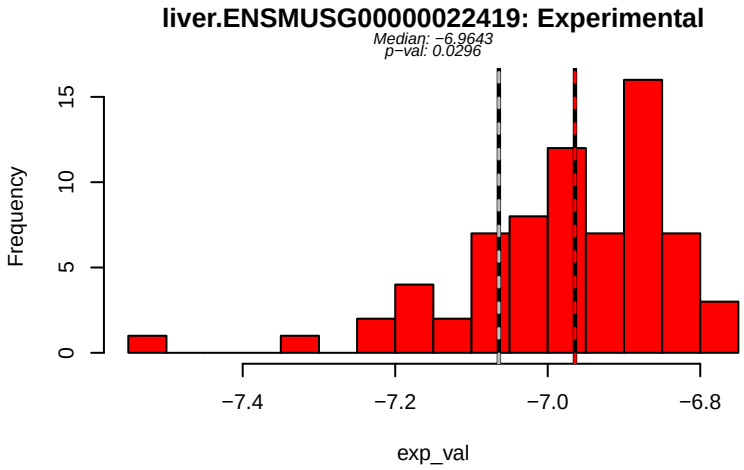

liver.ENSMUSG00000044005: Reference
Median: −7.0633
Frequency
ref_val

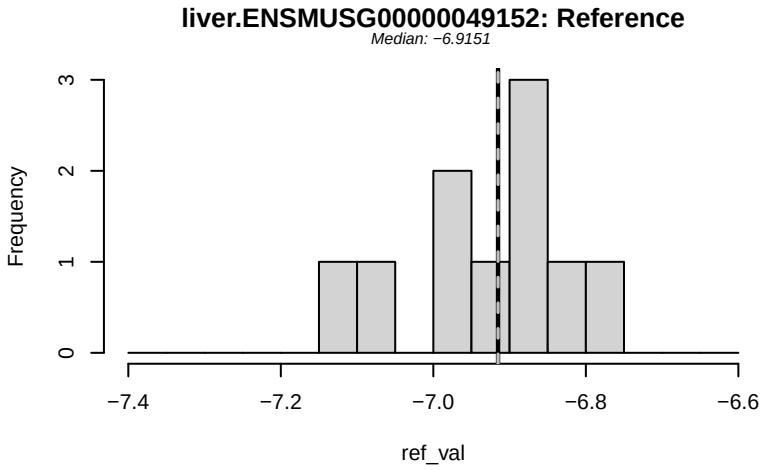

liver.ENSMUSG00000044005: Experimental
Median: −6.8701
p−val: 0.0286
Frequency
exp_val

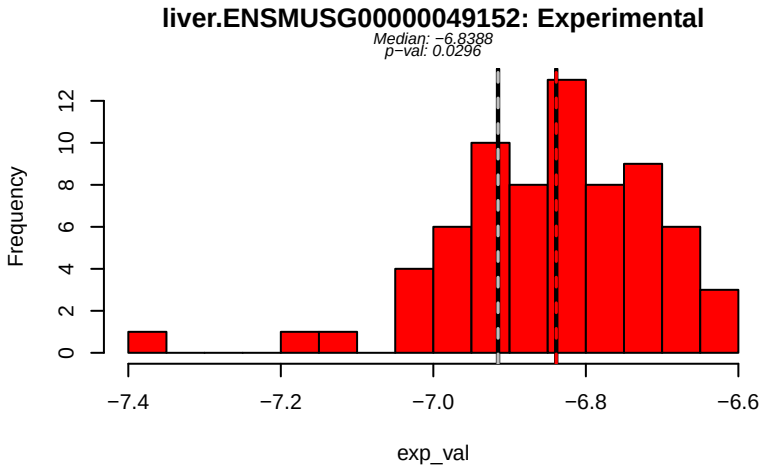

liver.ENSMUSG00000028011: Reference
Median: −6.2741
Frequency
ref_val

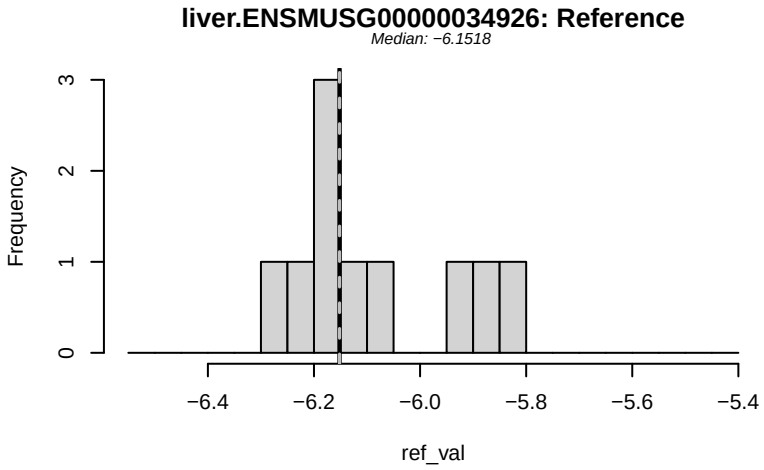

liver.ENSMUSG00000028011: Experimental
Median: −6.1013
p−val: 0.0286
Frequency
exp_val

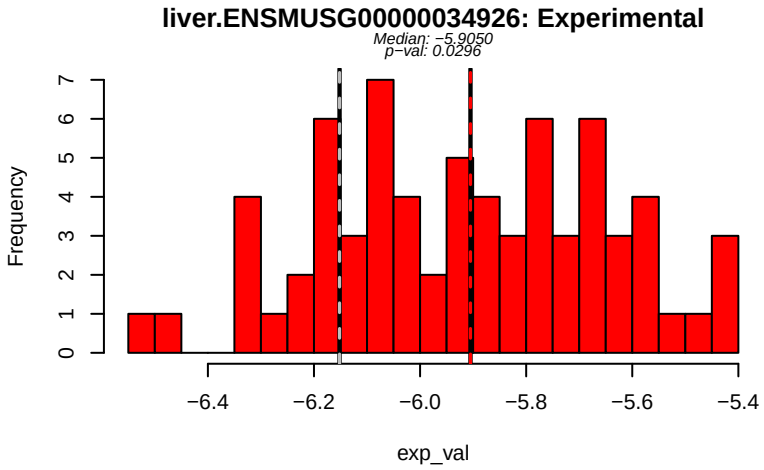

liver.ENSMUSG00000022419: Reference
Median: −7.0641
Frequency
ref_val

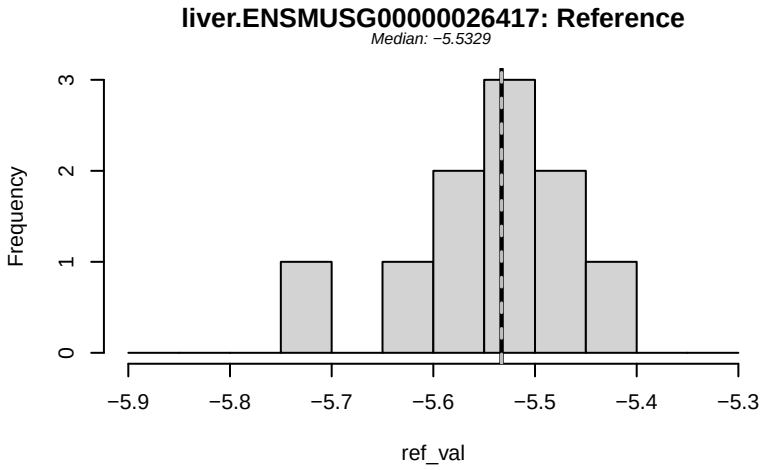

liver.ENSMUSG00000022419: Experimental
Median: −6.9643
p−val: 0.0296
Frequency
exp_val

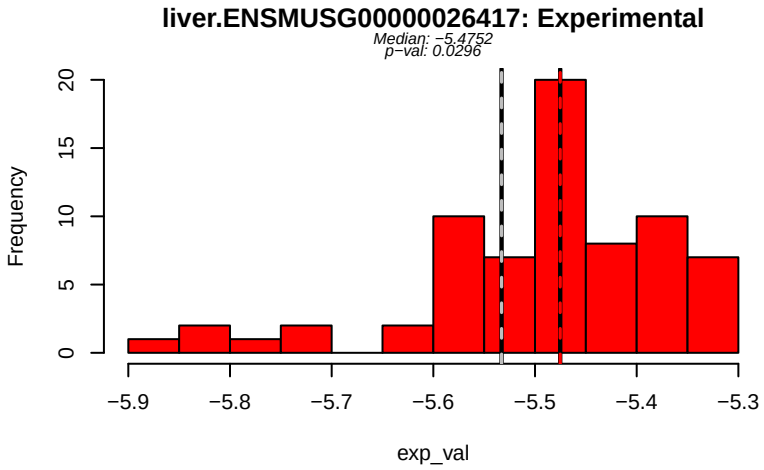

liver.ENSMUSG00000049152: Reference
Median: −6.9151
Frequency
ref_val

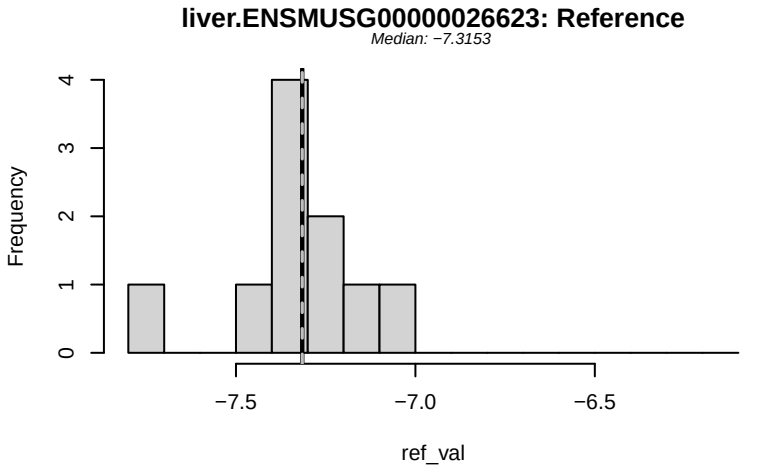

liver.ENSMUSG00000049152: Experimental
Median: −6.8388
p−val: 0.0296
Frequency
exp_val

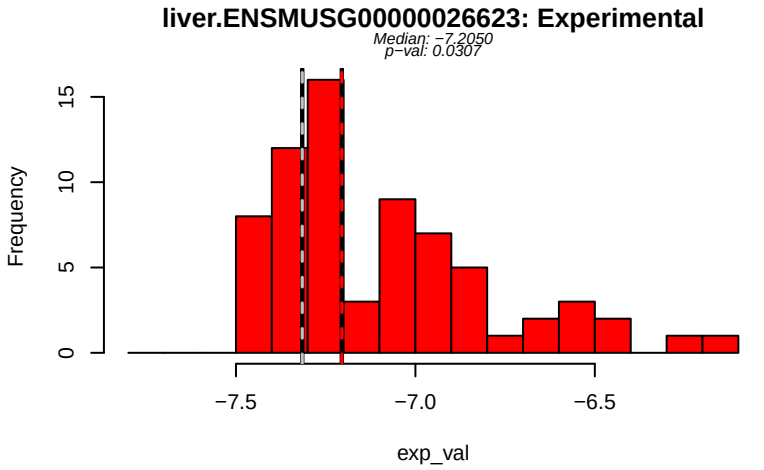

liver.ENSMUSG00000034926: Reference
Median: −6.1518
Frequency
ref_val

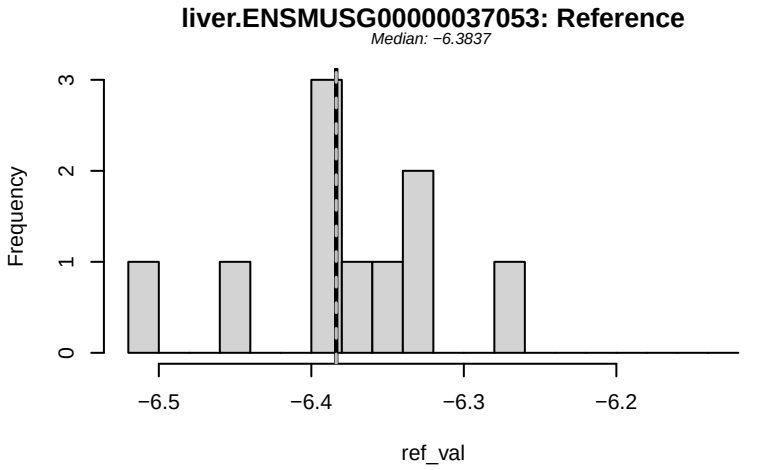

liver.ENSMUSG00000034926: Experimental
Median: −5.9050
p−val: 0.0296
Frequency
exp_val

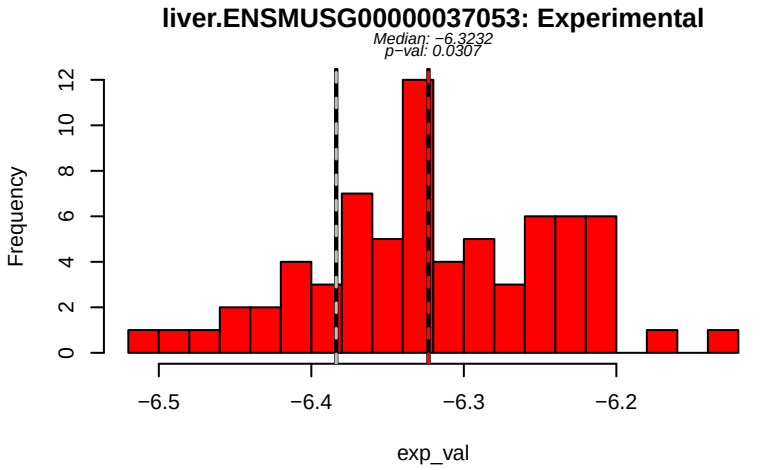

liver.ENSMUSG00000026417: Reference
Median: −5.5329
Frequency
ref_val

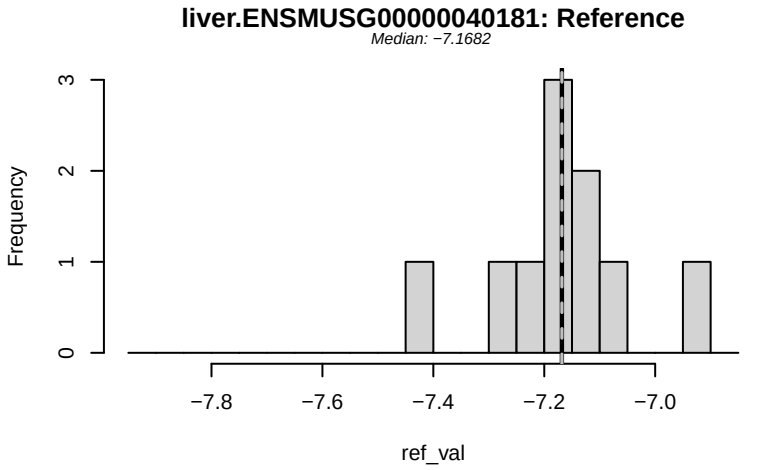

liver.ENSMUSG00000026417: Experimental
Median: −5.4752
p−val: 0.0296
Frequency
exp_val

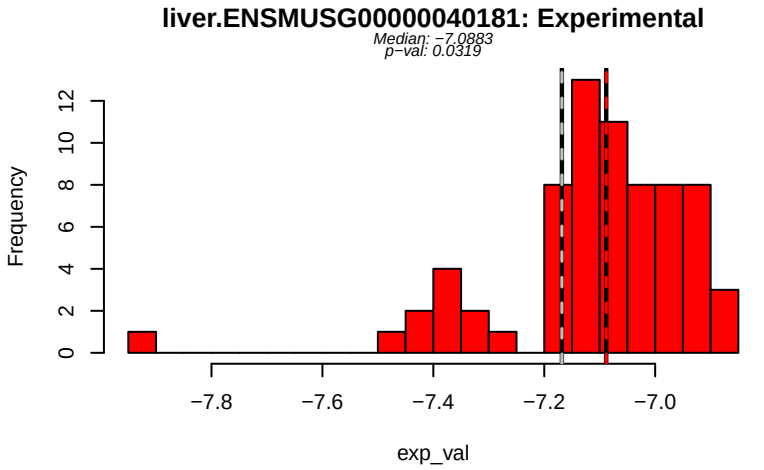

liver.ENSMUSG00000026623: Reference
Median: −7.3153
Frequency
ref_val

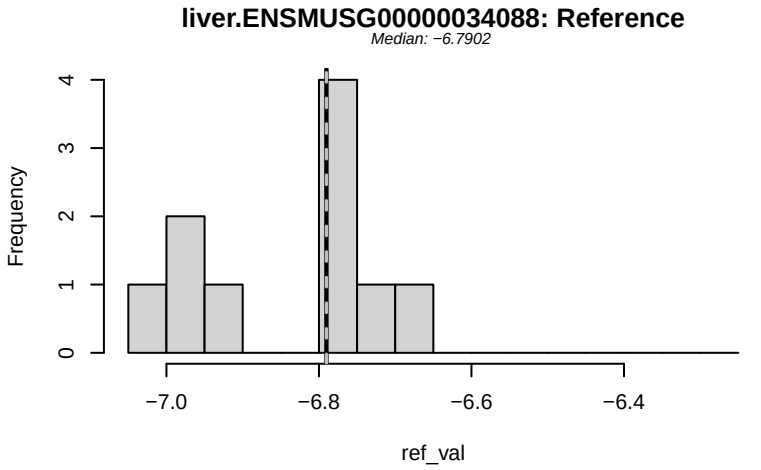

liver.ENSMUSG00000026623: Experimental
Median: −7.2050
p−val: 0.0307
Frequency
exp_val

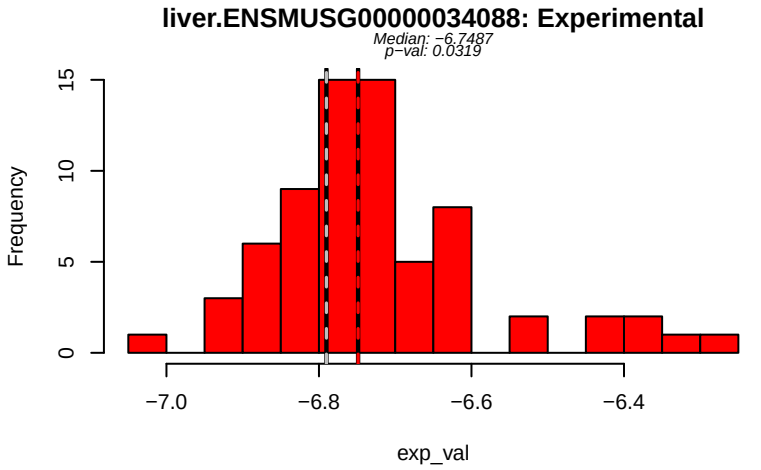

liver.ENSMUSG00000037053: Reference
Median: −6.3837
Frequency
ref_val

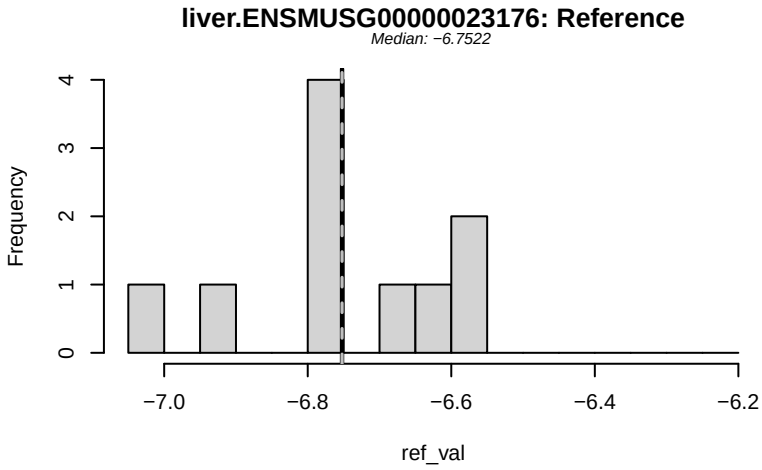

liver.ENSMUSG00000037053: Experimental
Median: −6.3232
p−val: 0.0307
Frequency
exp_val

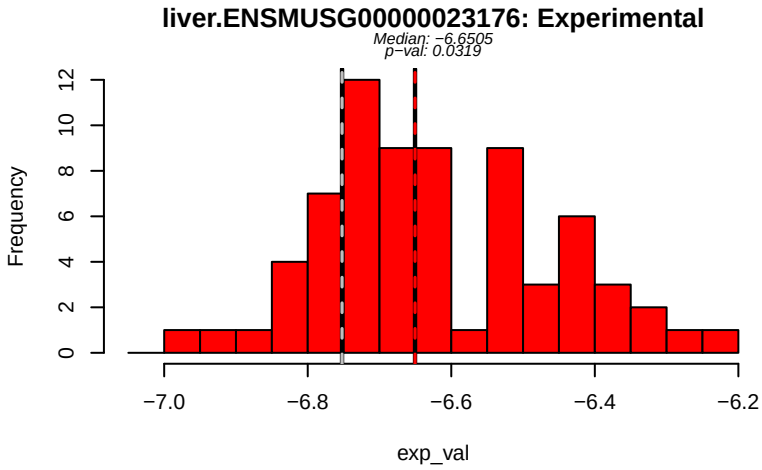

liver.ENSMUSG00000040181: Reference
Median: −7.1682
Frequency
ref_val

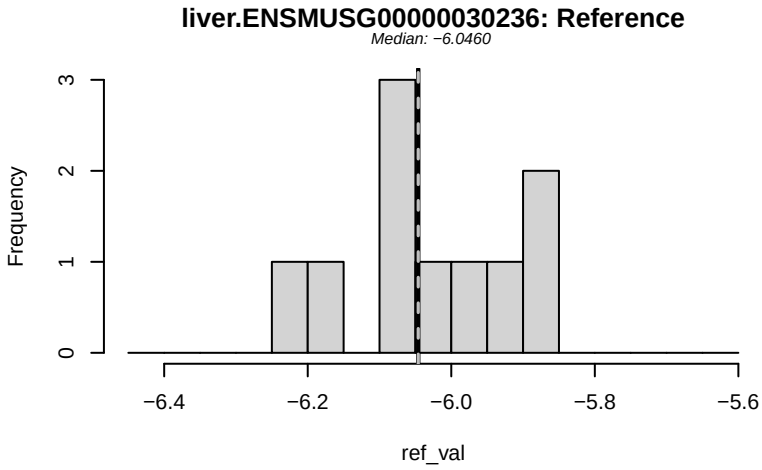

liver.ENSMUSG00000040181: Experimental
Median: −7.0883
p−val: 0.0319
Frequency
exp_val

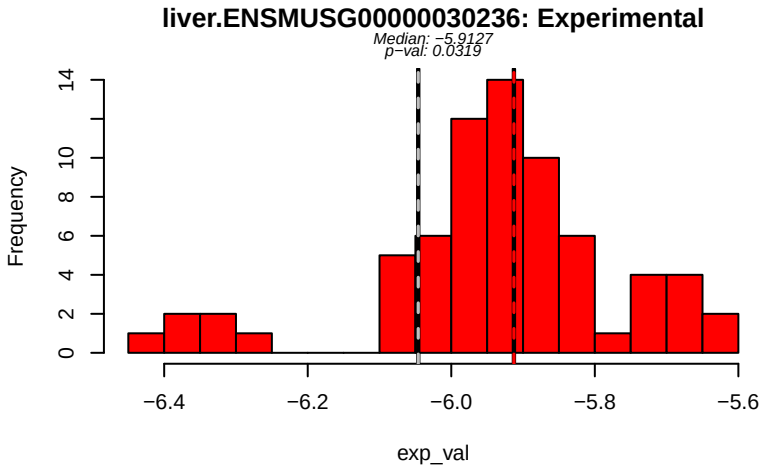

liver.ENSMUSG00000034088: Reference
Median: −6.7902
Frequency
ref_val

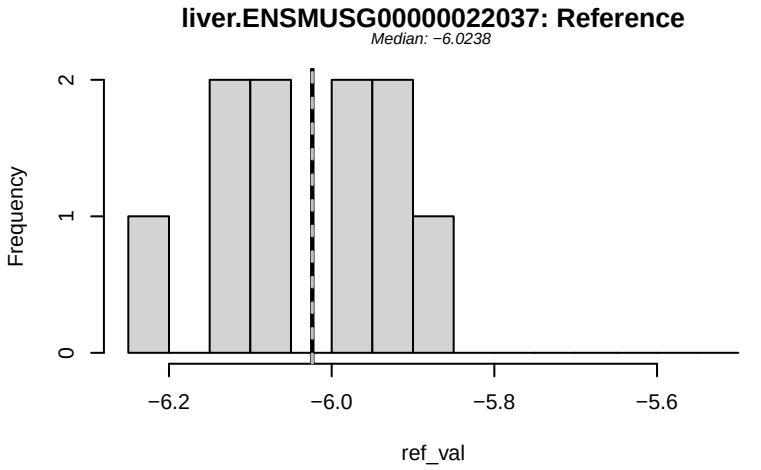

liver.ENSMUSG00000034088: Experimental
Median: −6.7487
p−val: 0.0319
Frequency
exp_val

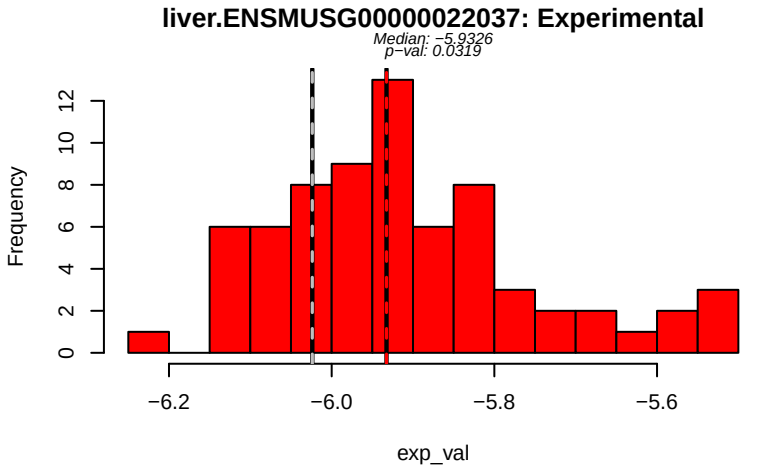

liver.ENSMUSG00000023176: Reference
Median: −6.7522
Frequency
ref_val

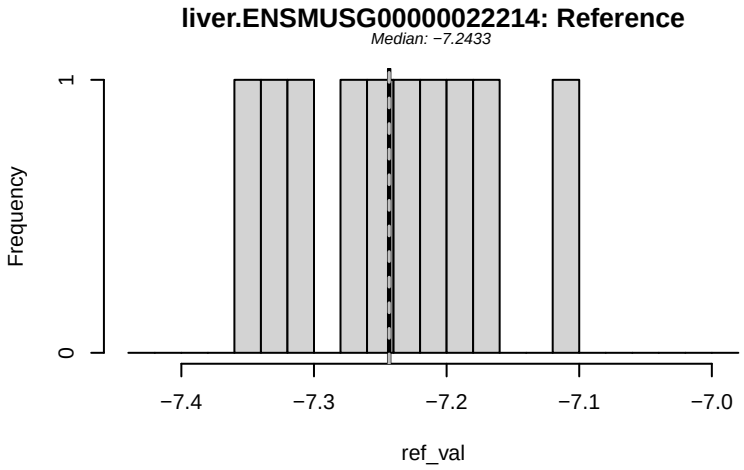

liver.ENSMUSG00000023176: Experimental
Median: −6.6505
p−val: 0.0319
Frequency
exp_val

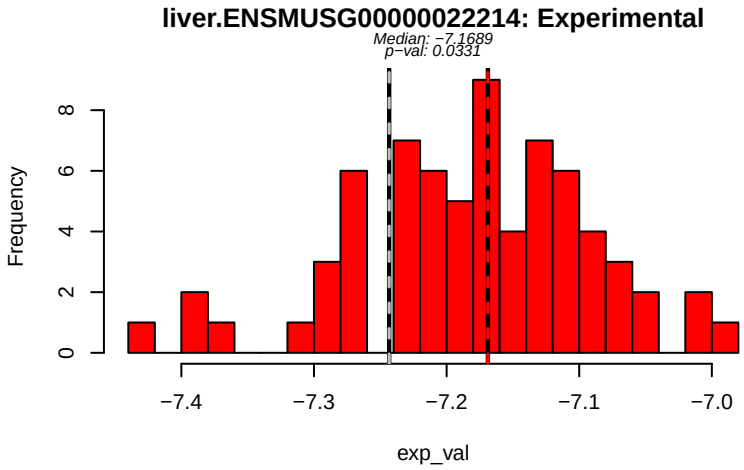

liver.ENSMUSG00000030236: Reference
Median: −6.0460
Frequency
ref_val

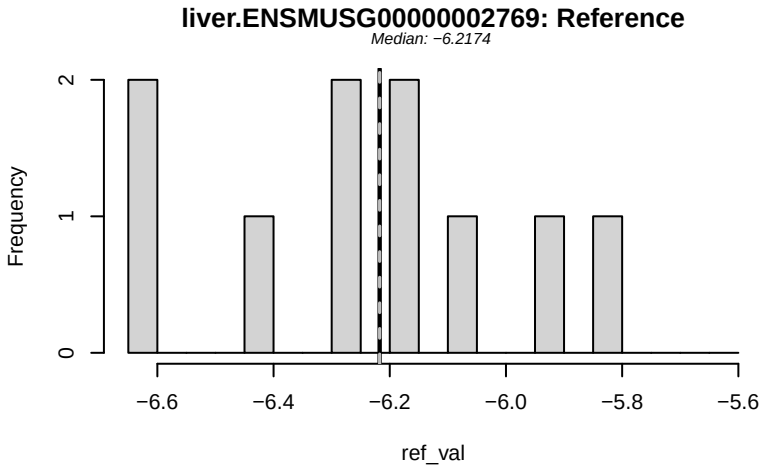

liver.ENSMUSG00000030236: Experimental
Median: −5.9127
p−val: 0.0319
Frequency
exp_val

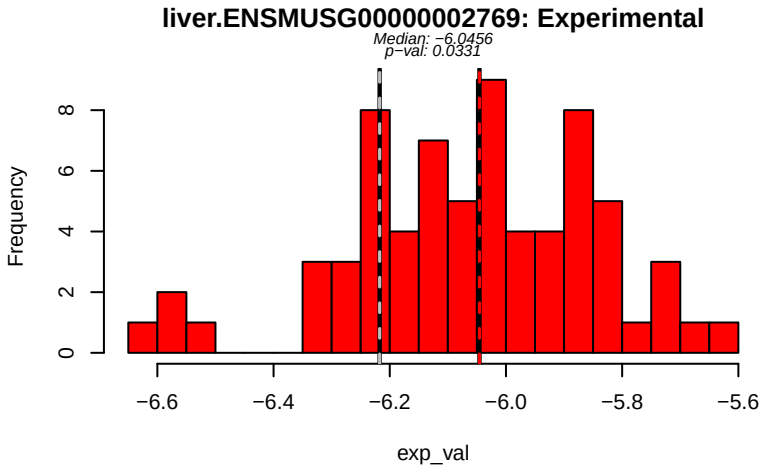

liver.ENSMUSG00000022037: Reference
Median: −6.0238
Frequency
ref_val

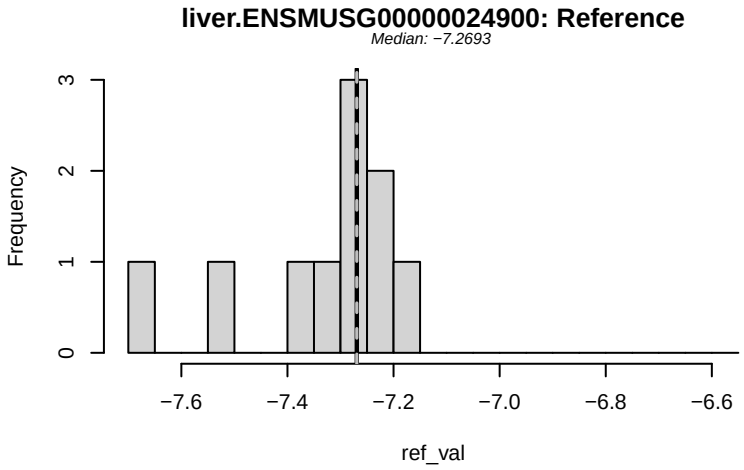

liver.ENSMUSG00000022037: Experimental
Median: −5.9326
p−val: 0.0319
Frequency
exp_val

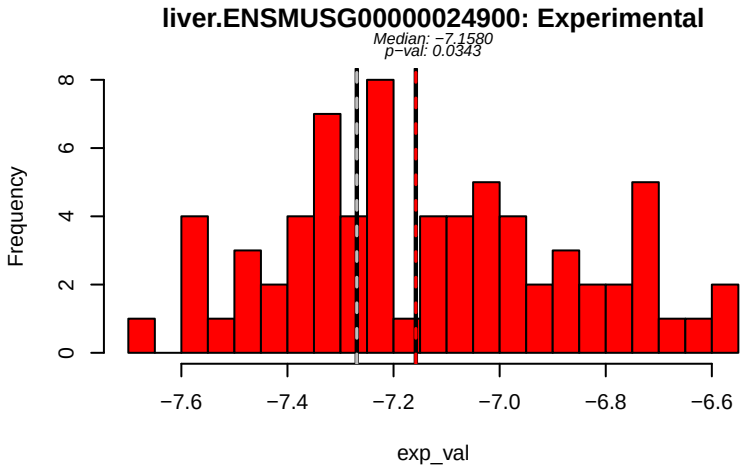

liver.ENSMUSG00000022214: Reference
Median: −7.2433
Frequency
ref_val

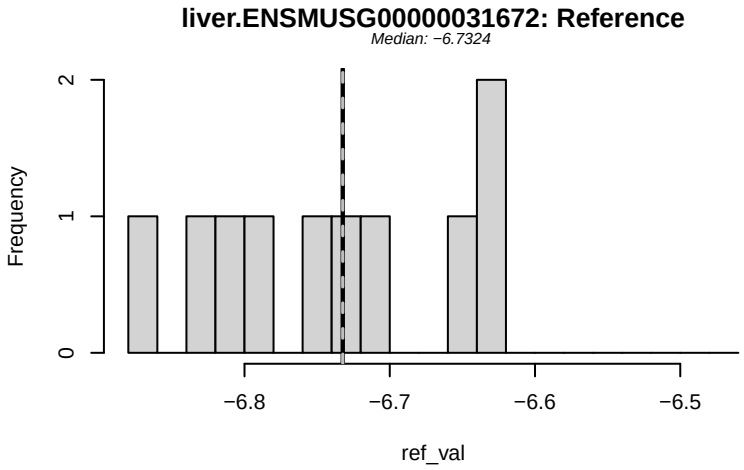

liver.ENSMUSG00000022214: Experimental
Median: −7.1689
p−val: 0.0331
Frequency
exp_val

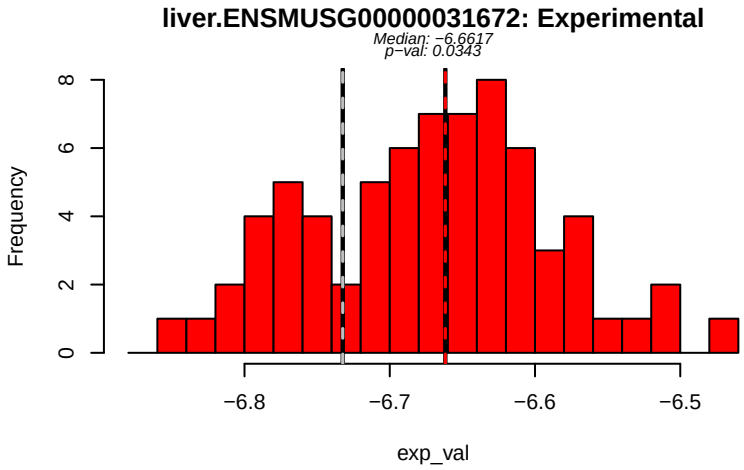

liver.ENSMUSG00000002769: Reference
Median: −6.2174
Frequency
ref_val

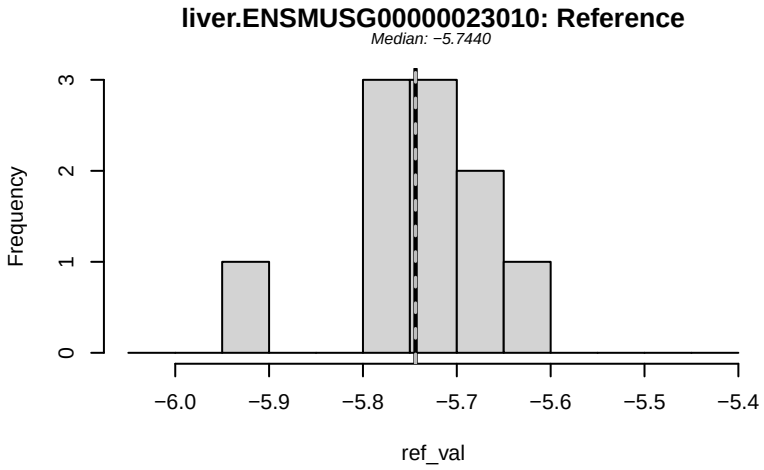

liver.ENSMUSG00000002769: Experimental
Median: −6.0456
p−val: 0.0331
Frequency
exp_val

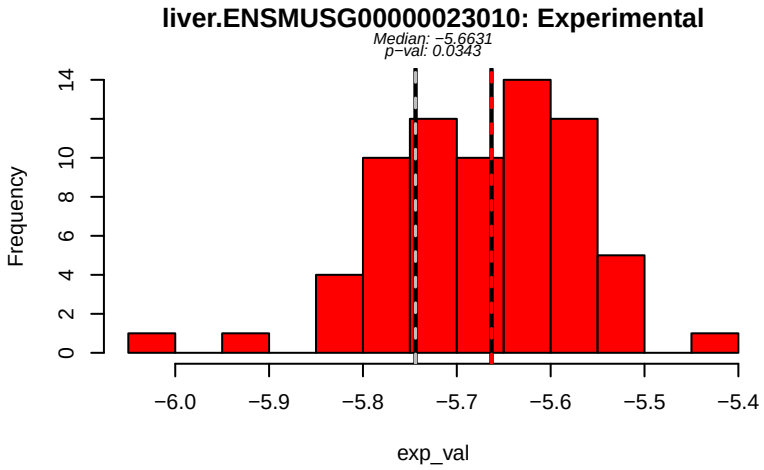

liver.ENSMUSG00000024900: Reference
Median: −7.2693
Frequency
ref_val

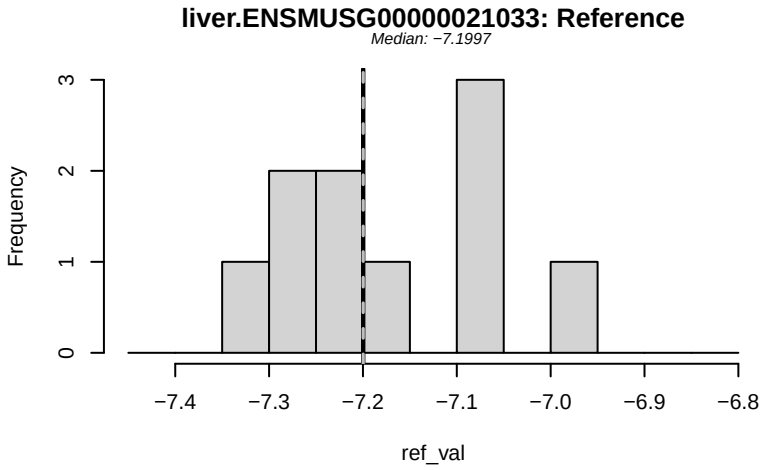

liver.ENSMUSG00000024900: Experimental
Median: −7.1580
p−val: 0.0343
Frequency
exp_val

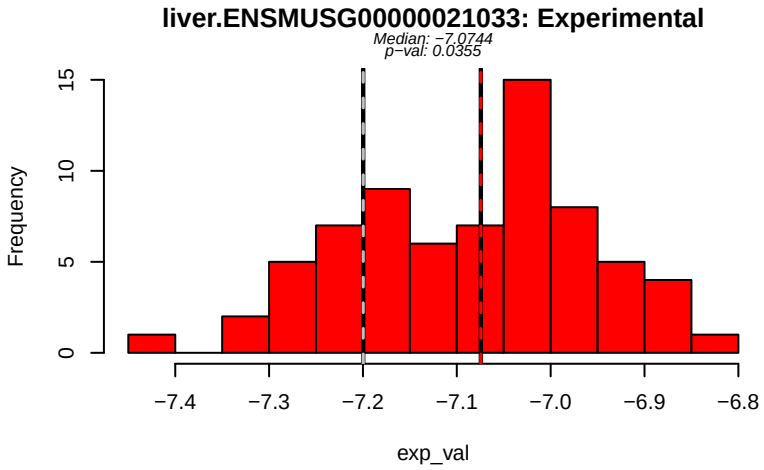

liver.ENSMUSG00000031672: Reference
Median: −6.7324
Frequency
ref_val

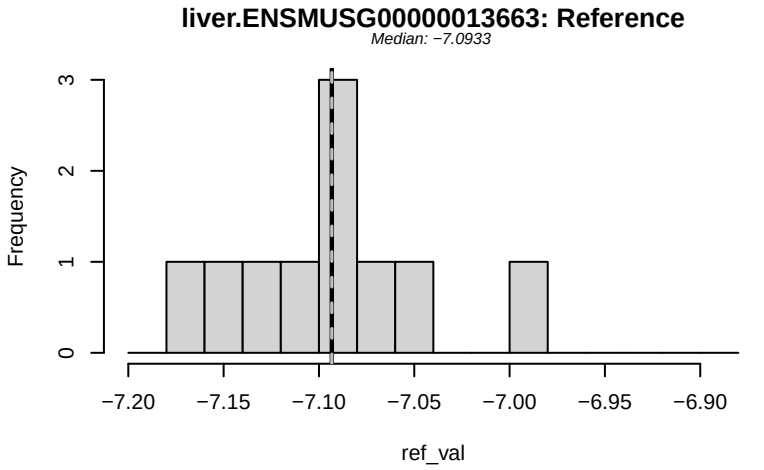

liver.ENSMUSG00000031672: Experimental
Median: −6.6617
p−val: 0.0343
Frequency
exp_val

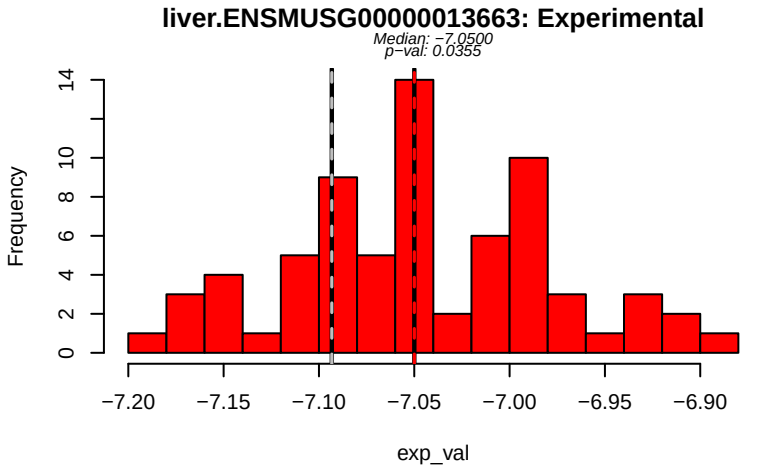

liver.ENSMUSG00000023010: Reference
Median: −5.7440
Frequency
ref_val

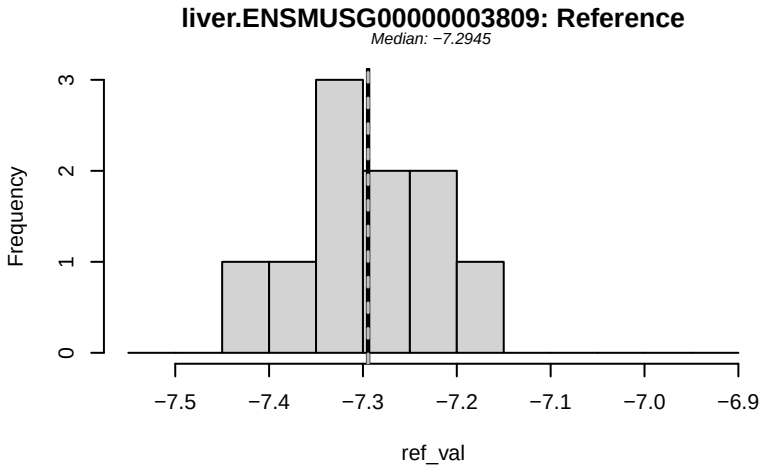

liver.ENSMUSG00000023010: Experimental
Median: −5.6631
p−val: 0.0343
Frequency
exp_val

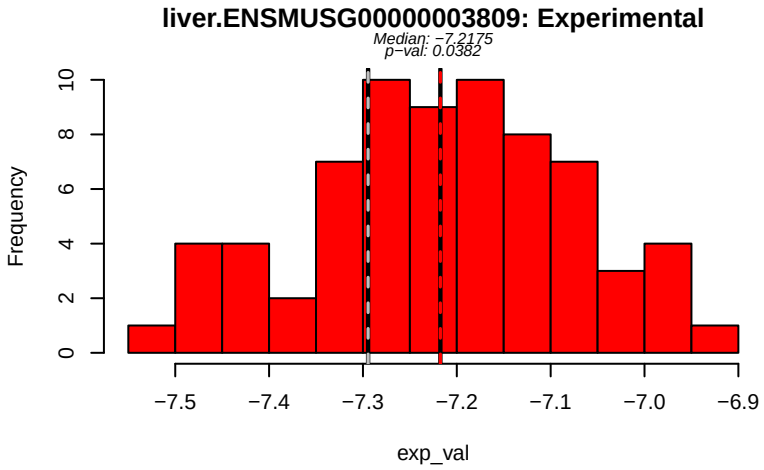

liver.ENSMUSG00000021033: Reference
Median: −7.1997
Frequency
ref_val

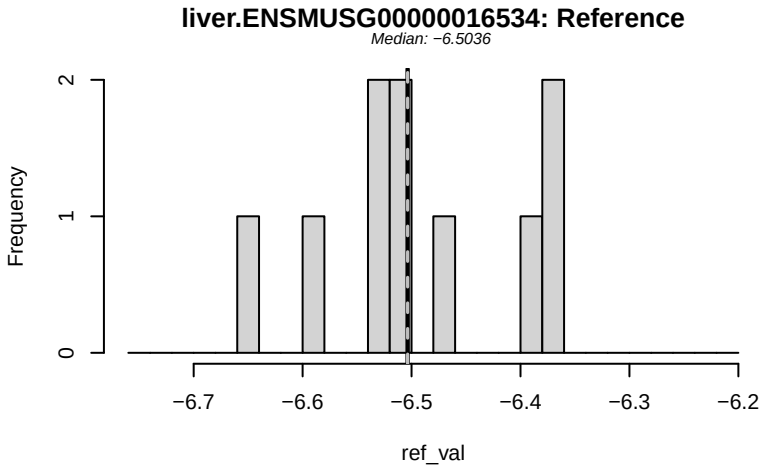

liver.ENSMUSG00000021033: Experimental
Median: −7.0744
p−val: 0.0355
Frequency
exp_val

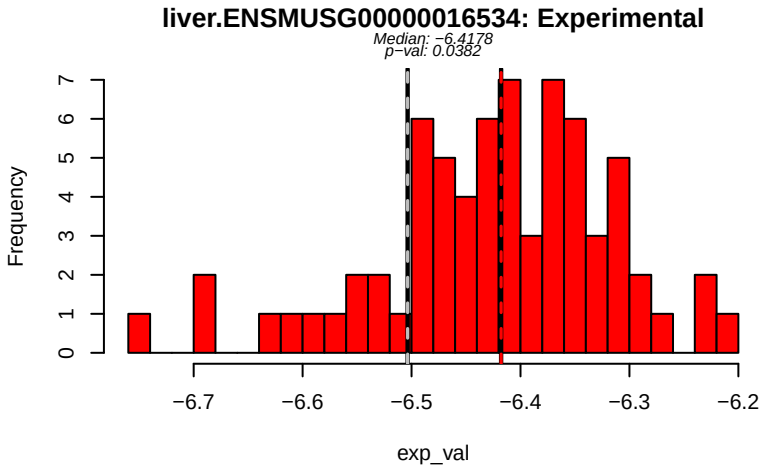

liver.ENSMUSG00000013663: Reference
Median: −7.0933
Frequency
ref_val

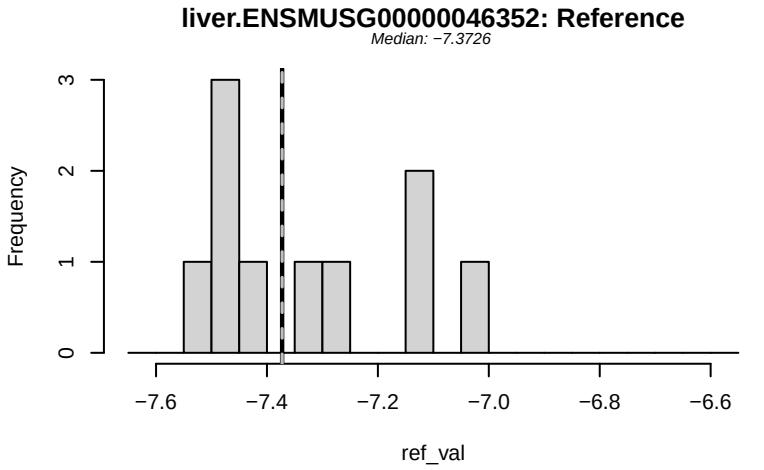

liver.ENSMUSG00000013663: Experimental
Median: −7.0500
p−val: 0.0355
Frequency
exp_val

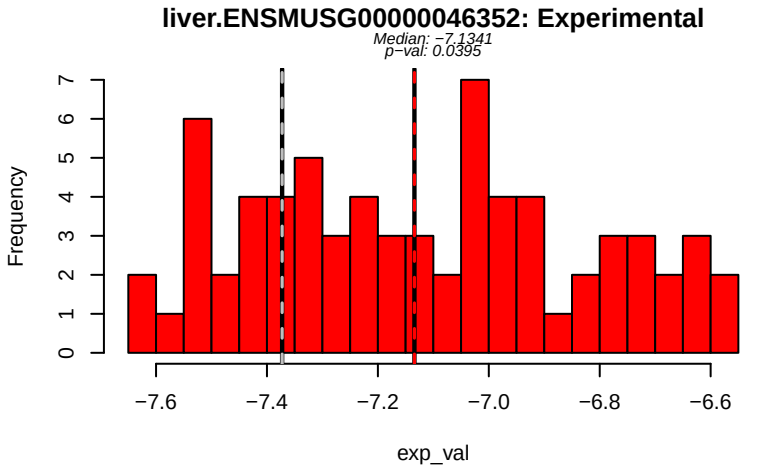

liver.ENSMUSG00000003809: Reference
Median: −7.2945
Frequency
ref_val

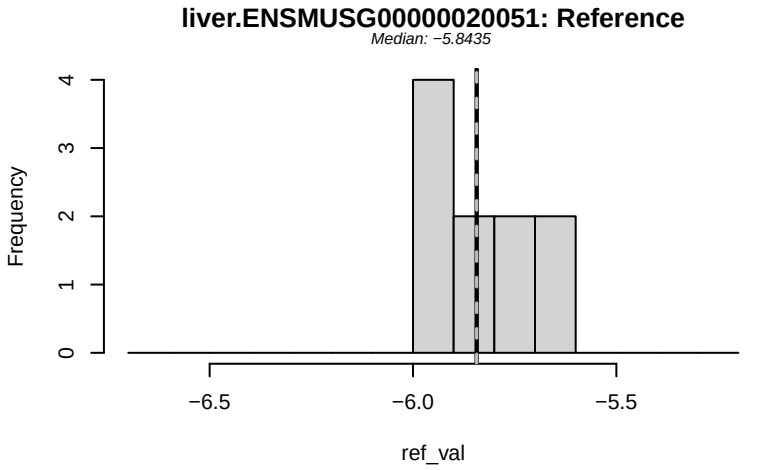

liver.ENSMUSG00000003809: Experimental
Median: −7.2175
p−val: 0.0382
Frequency
exp_val

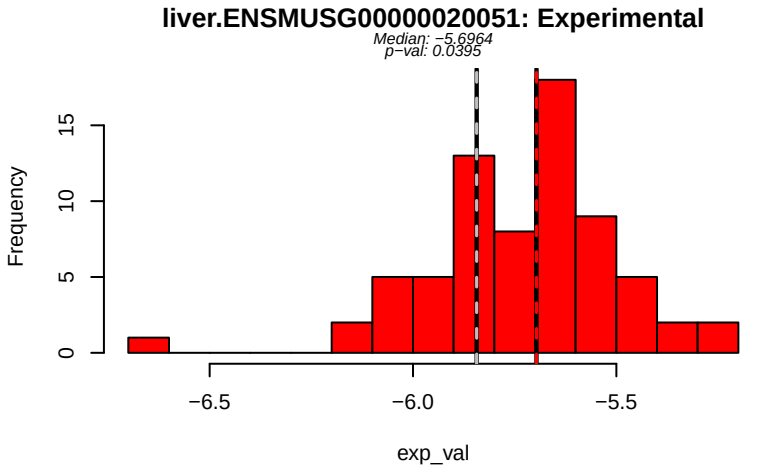

liver.ENSMUSG00000016534: Reference
Median: −6.5036
Frequency
ref_val

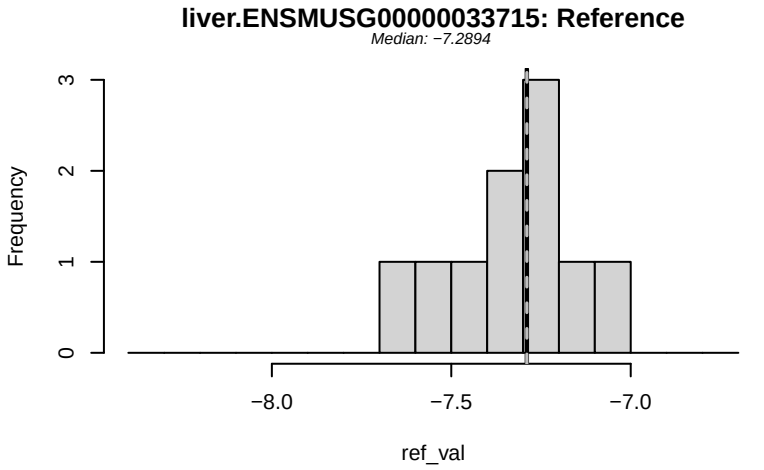

liver.ENSMUSG00000016534: Experimental
Median: −6.4178
p−val: 0.0382
Frequency
exp_val

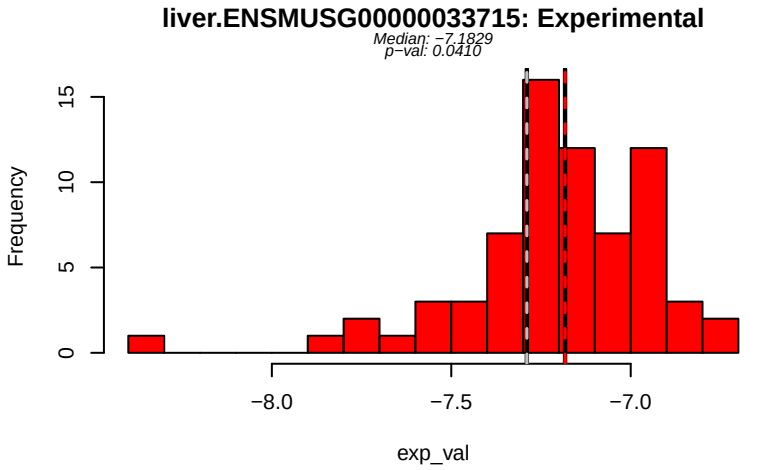

liver.ENSMUSG00000046352: Reference
Median: −7.3726
Frequency
ref_val

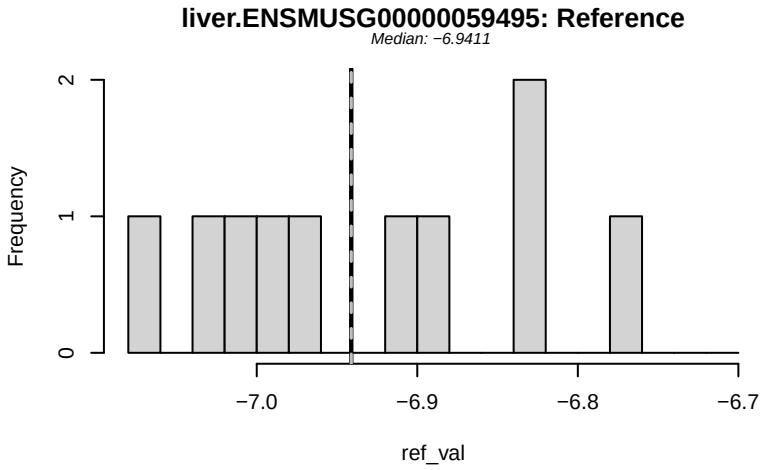

liver.ENSMUSG00000046352: Experimental
Median: −7.1341
p−val: 0.0395
Frequency
exp_val

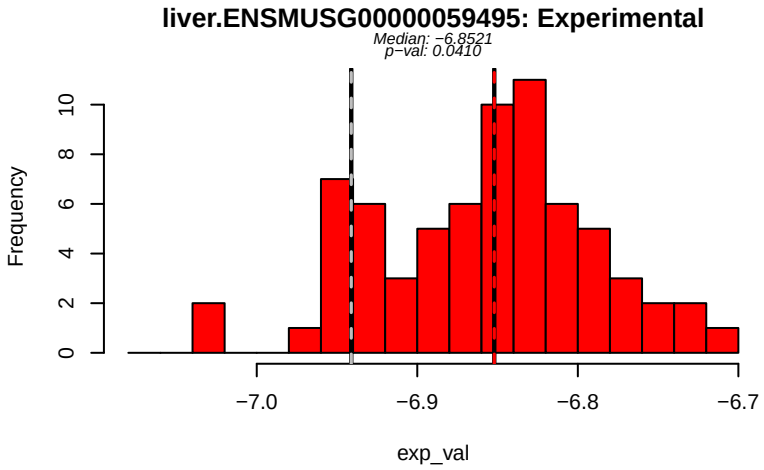

liver.ENSMUSG00000020051: Reference
Median: −5.8435
Frequency
ref_val

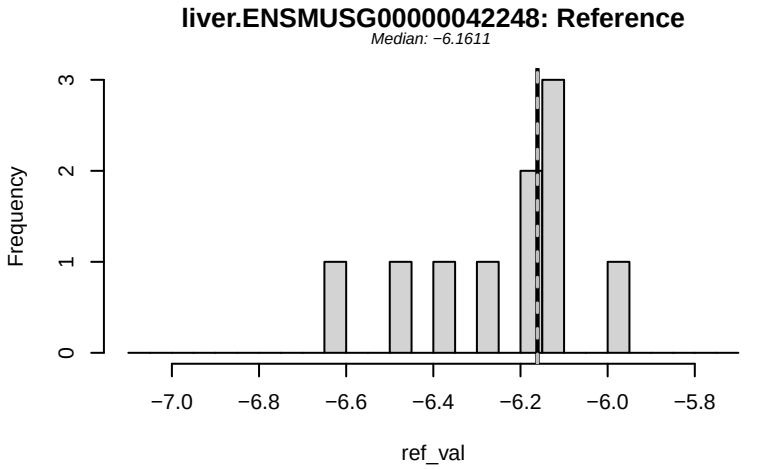

liver.ENSMUSG00000020051: Experimental
Median: −5.6964
p−val: 0.0395
Frequency
exp_val

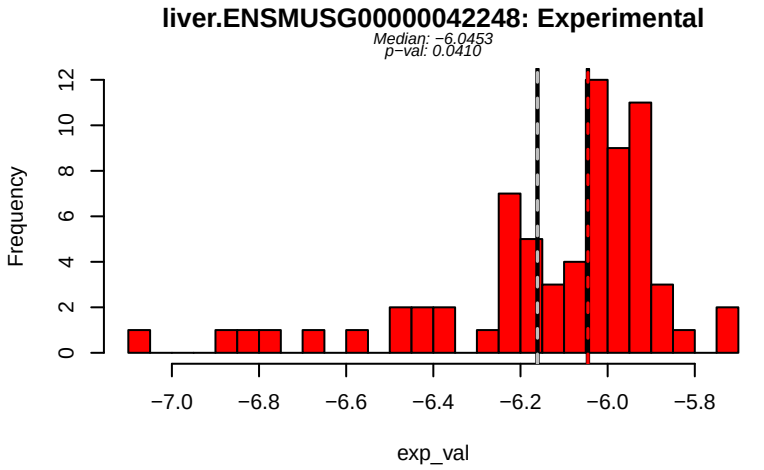

liver.ENSMUSG00000033715: Reference
Median: −7.2894
Frequency
ref_val

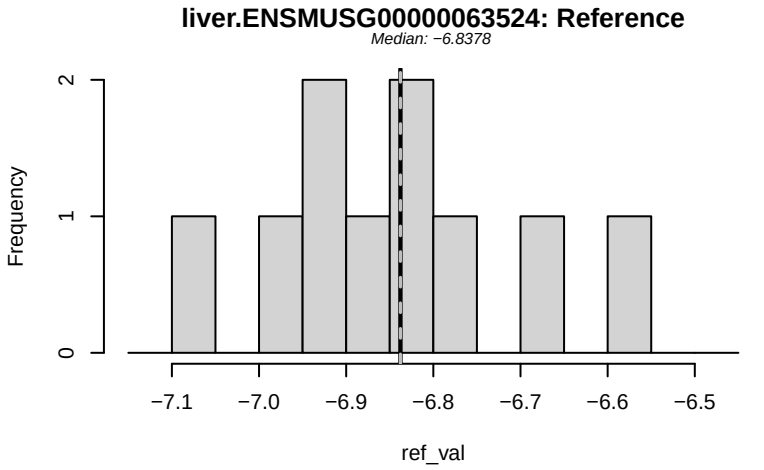

liver.ENSMUSG00000033715: Experimental
Median: −7.1829
p−val: 0.0410
Frequency
exp_val

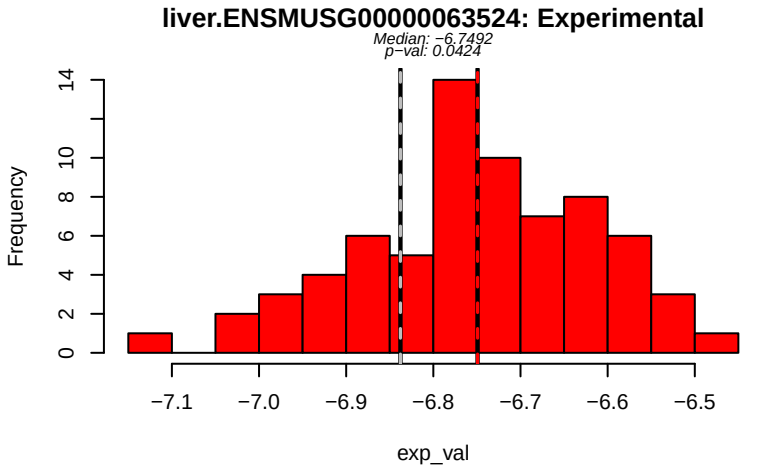

liver.ENSMUSG00000059495: Reference
Median: −6.9411
Frequency
ref_val

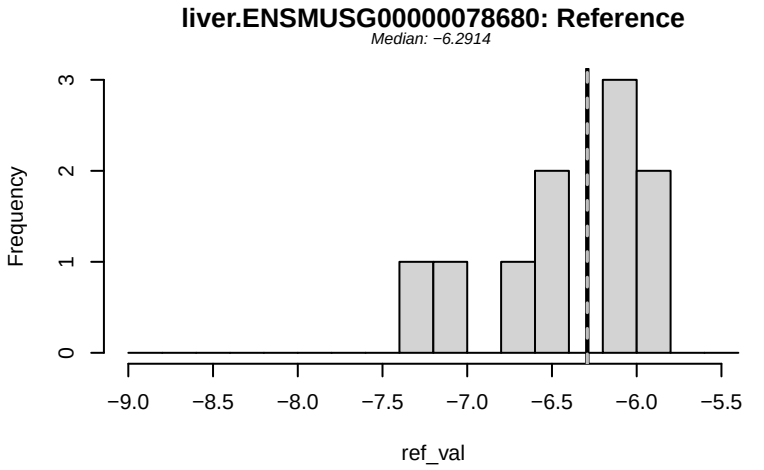

liver.ENSMUSG00000059495: Experimental
Median: −6.8521
p−val: 0.0410
Frequency
exp_val

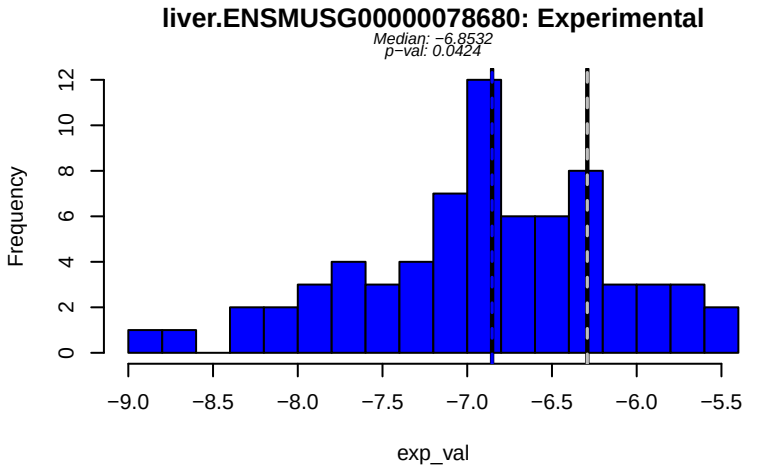

liver.ENSMUSG00000042248: Reference
Median: −6.1611
Frequency
ref_val

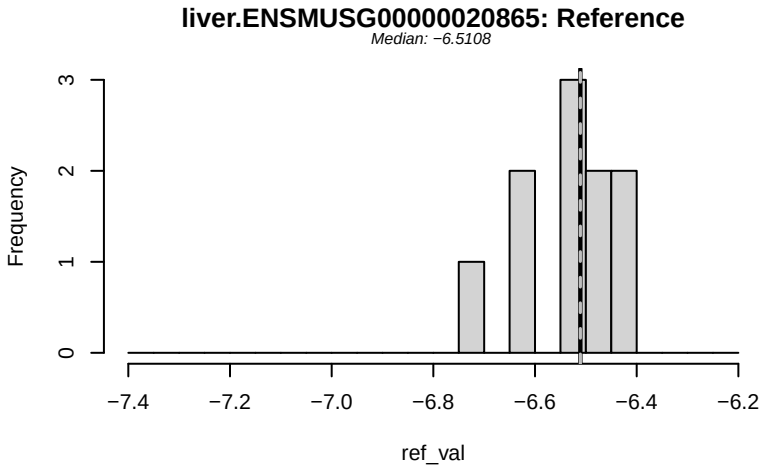

liver.ENSMUSG00000042248: Experimental
Median: −6.0453
p−val: 0.0410
Frequency
exp_val

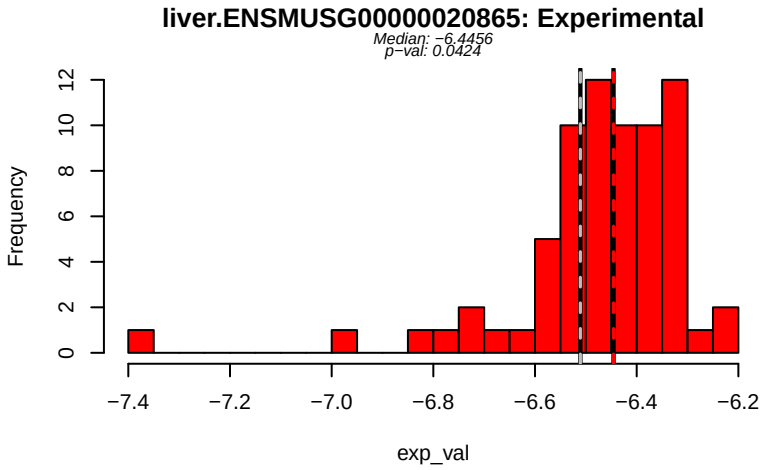

liver.ENSMUSG00000063524: Reference
Median: −6.8378
Frequency
ref_val

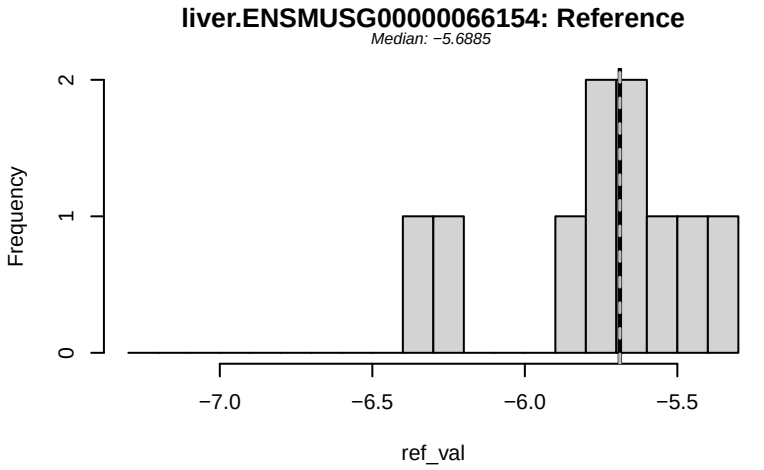

liver.ENSMUSG00000063524: Experimental
Median: −6.7492
p−val: 0.0424
Frequency
exp_val

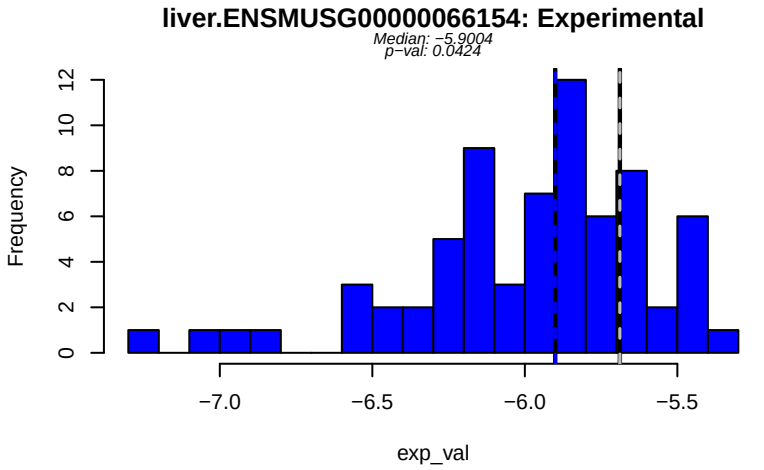

liver.ENSMUSG00000078680: Reference
Median: −6.2914
Frequency
ref_val

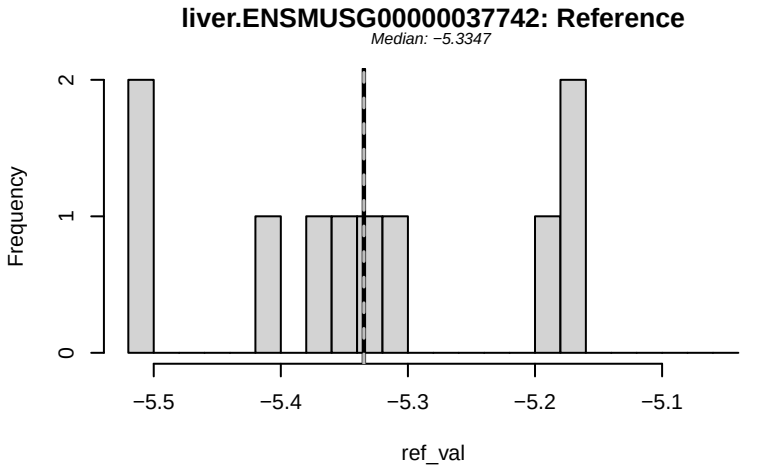

liver.ENSMUSG00000078680: Experimental
Median: −6.8532
p−val: 0.0424
Frequency
exp_val

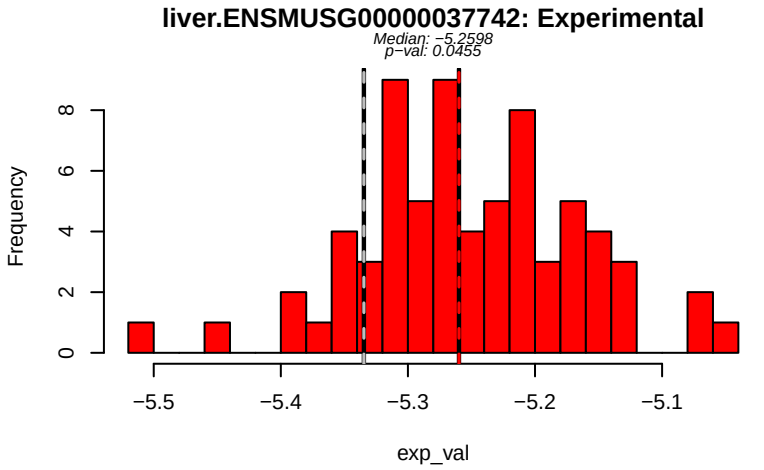

liver.ENSMUSG00000020865: Reference
Median: −6.5108
Frequency
ref_val

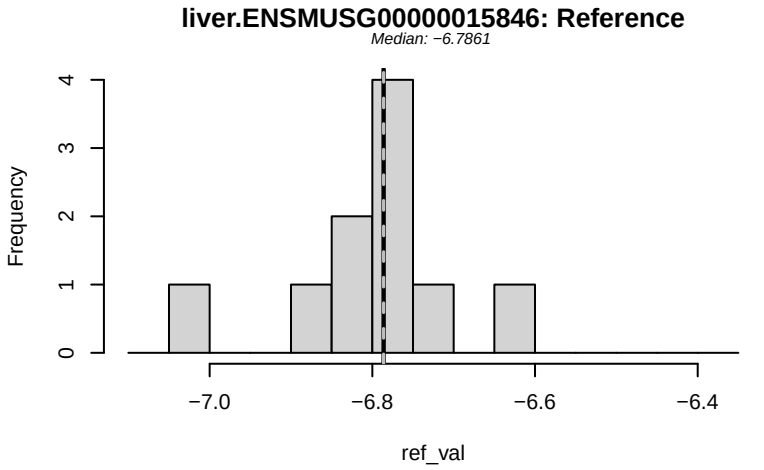

liver.ENSMUSG00000020865: Experimental
Median: −6.4456
p−val: 0.0424
Frequency
exp_val

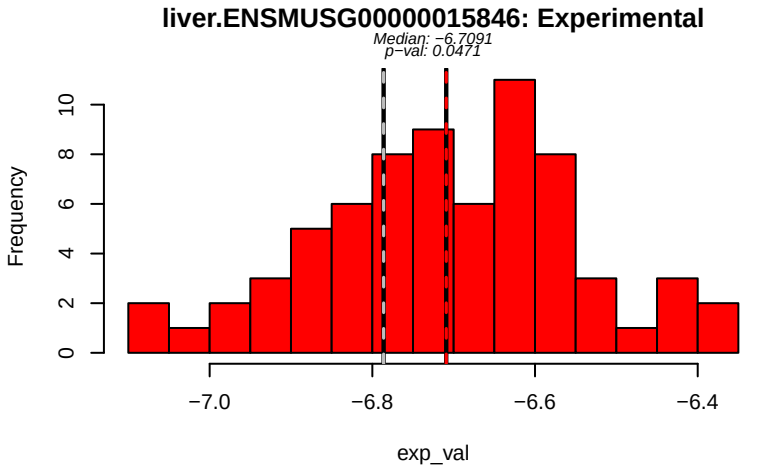

liver.ENSMUSG00000066154: Reference
Median: −5.6885
Frequency
ref_val

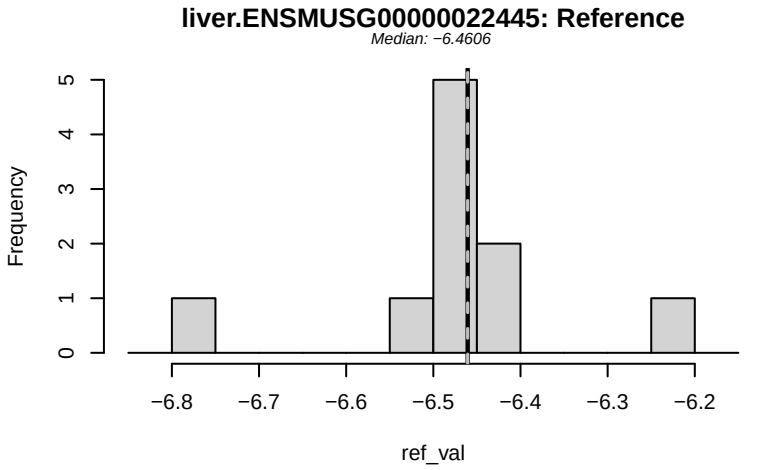

liver.ENSMUSG00000066154: Experimental
Median: −5.9004
p−val: 0.0424
Frequency
exp_val

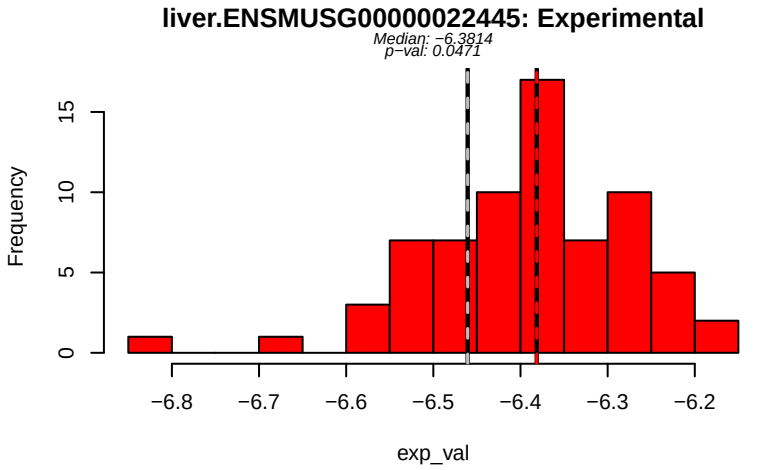

liver.ENSMUSG00000037742: Reference
Median: −5.3347
Frequency
ref_val

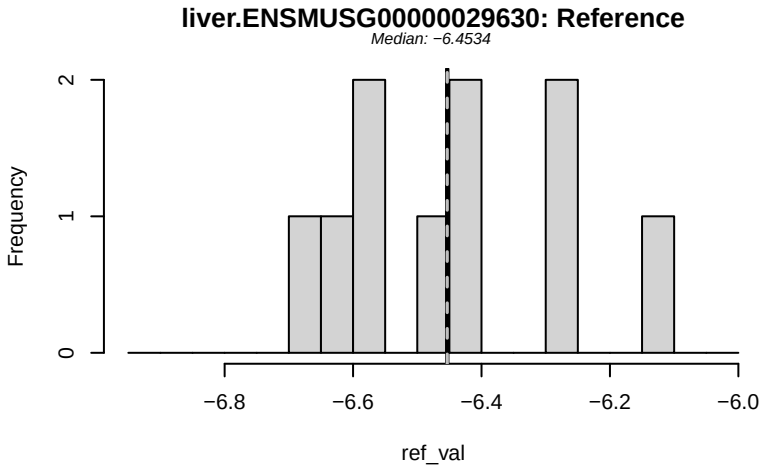

liver.ENSMUSG00000037742: Experimental
Median: −5.2598
p−val: 0.0455
Frequency
exp_val

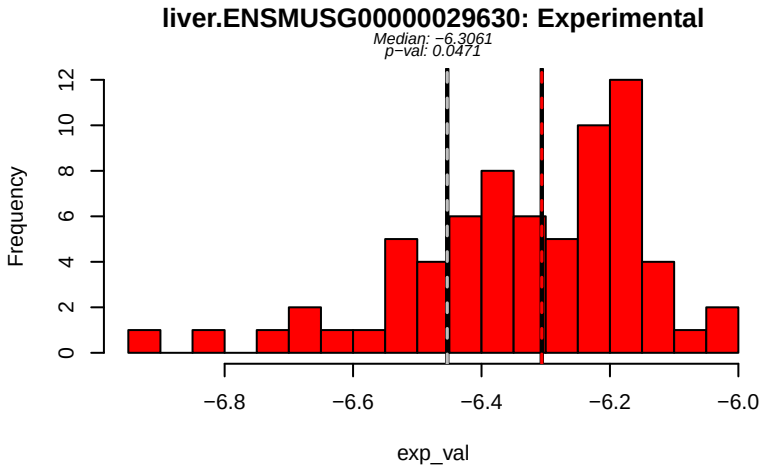

liver.ENSMUSG00000015846: Reference
Median: −6.7861
Frequency
ref_val

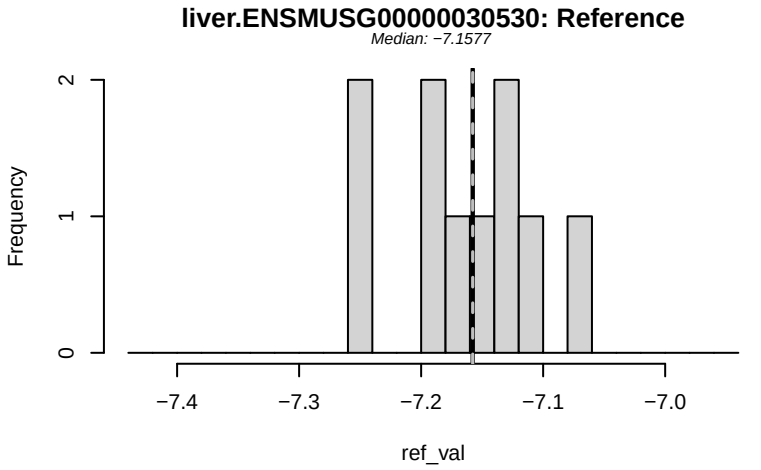

liver.ENSMUSG00000015846: Experimental
Median: −6.7091
p−val: 0.0471
Frequency
exp_val

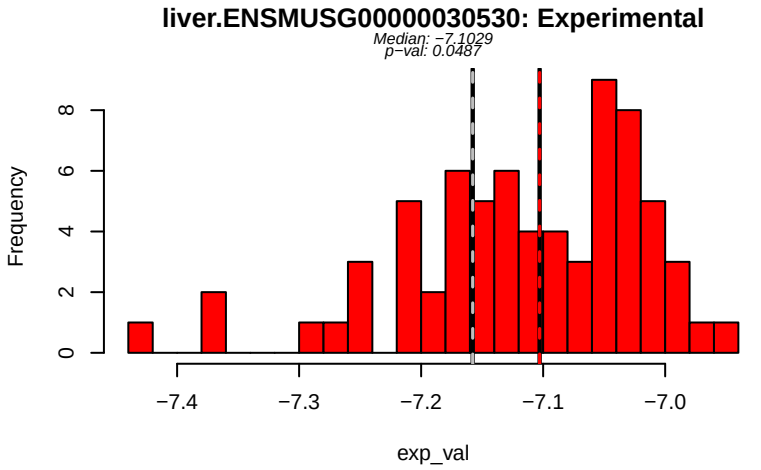

liver.ENSMUSG00000022445: Reference
Median: −6.4606
Frequency
ref_val

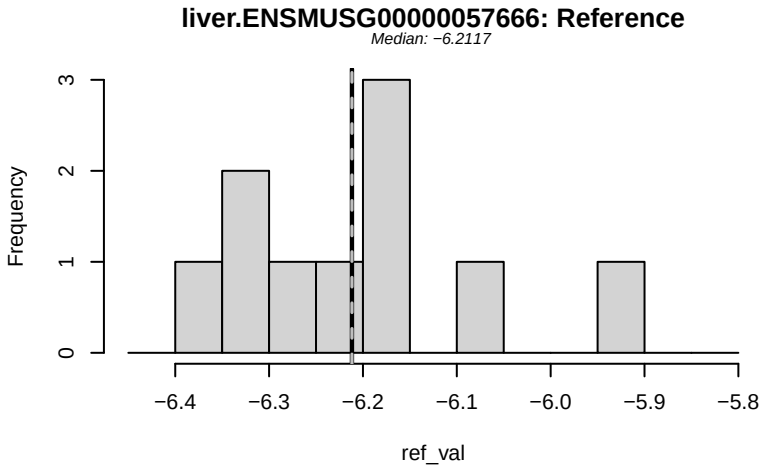

liver.ENSMUSG00000022445: Experimental
Median: −6.3814
p−val: 0.0471
Frequency
exp_val

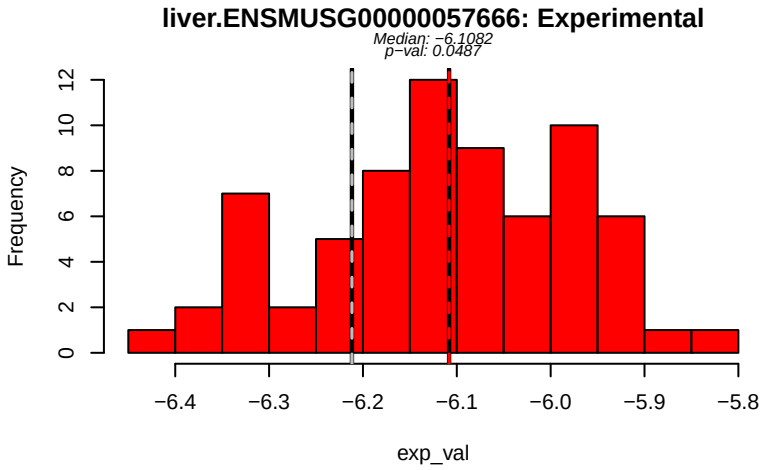

liver.ENSMUSG00000029630: Reference
Median: −6.4534
Frequency
ref_val

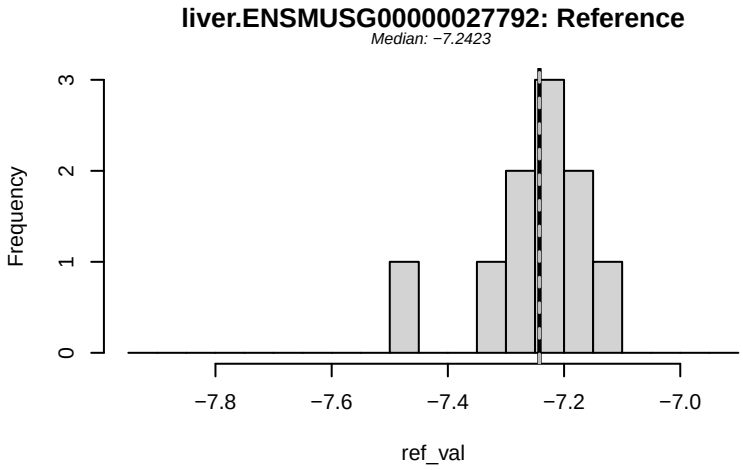

liver.ENSMUSG00000029630: Experimental
Median: −6.3061
p−val: 0.0471
Frequency
exp_val

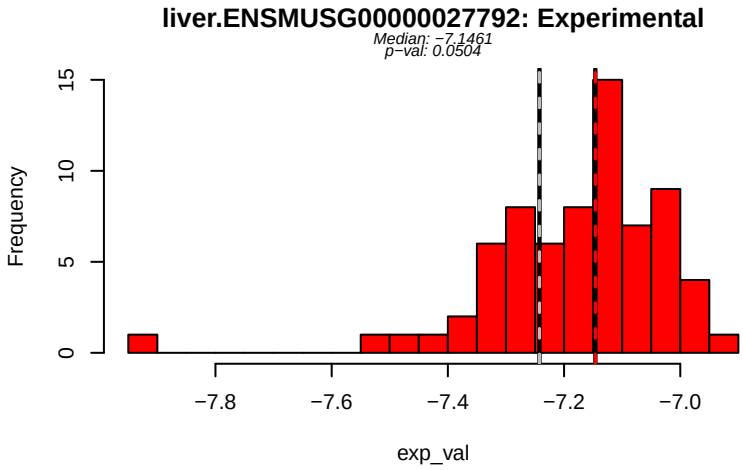

liver.ENSMUSG00000030530: Reference
Median: −7.1577
Frequency
ref_val

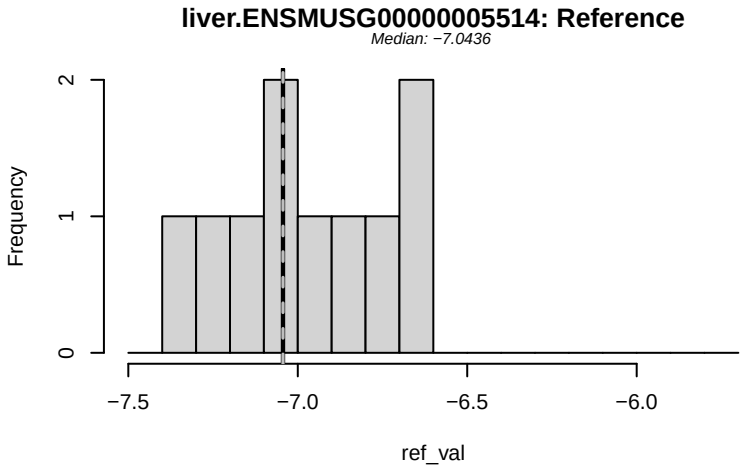

liver.ENSMUSG00000030530: Experimental
Median: −7.1029
p−val: 0.0487
Frequency
exp_val

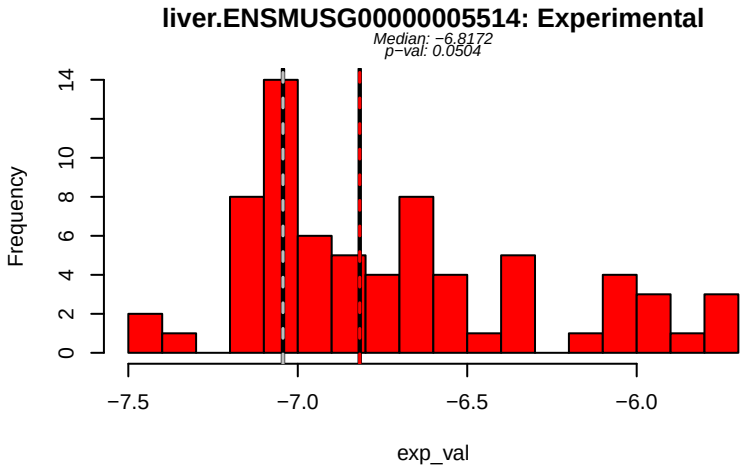

liver.ENSMUSG00000057666: Reference
Median: −6.2117
Frequency
ref_val

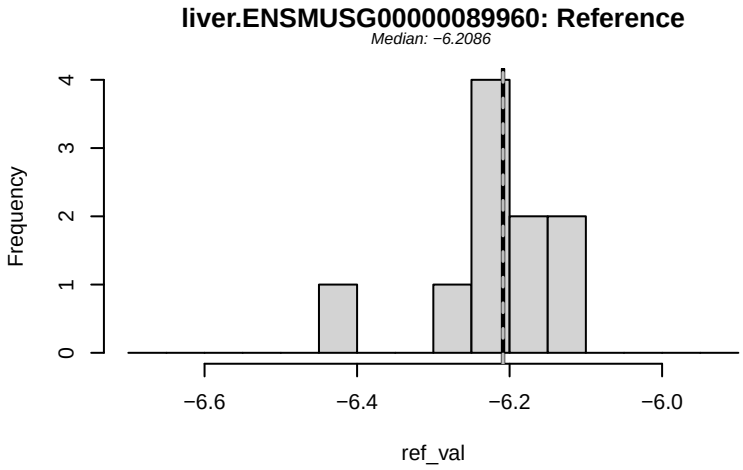

liver.ENSMUSG00000057666: Experimental
Median: −6.1082
p−val: 0.0487
Frequency
exp_val

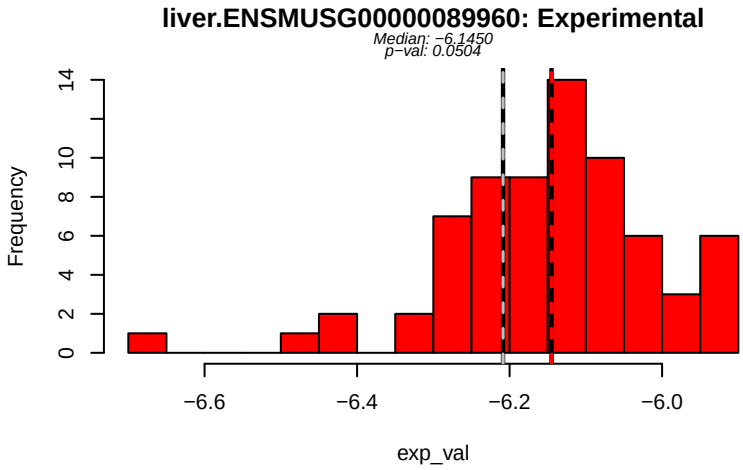

liver.ENSMUSG00000027792: Reference
Median: −7.2423
Frequency
ref_val

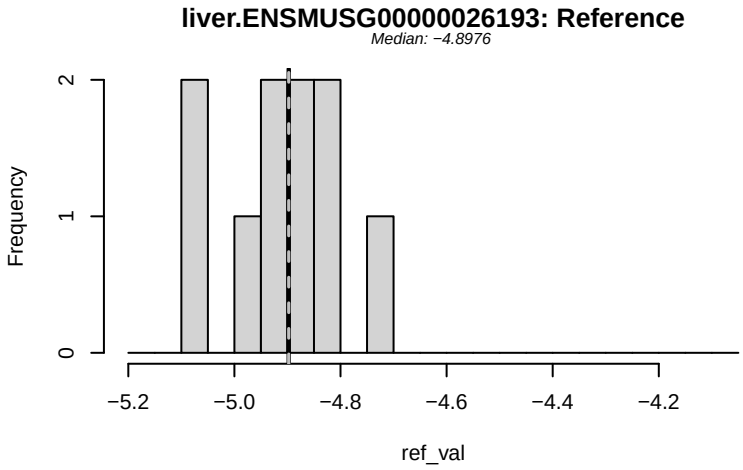

liver.ENSMUSG00000027792: Experimental
Median: −7.1461
p−val: 0.0504
Frequency
exp_val

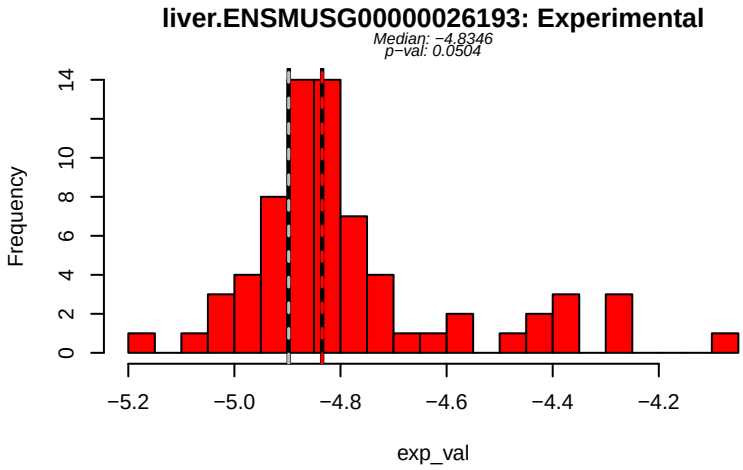

liver.ENSMUSG00000005514: Reference
Median: −7.0436
Frequency
ref_val

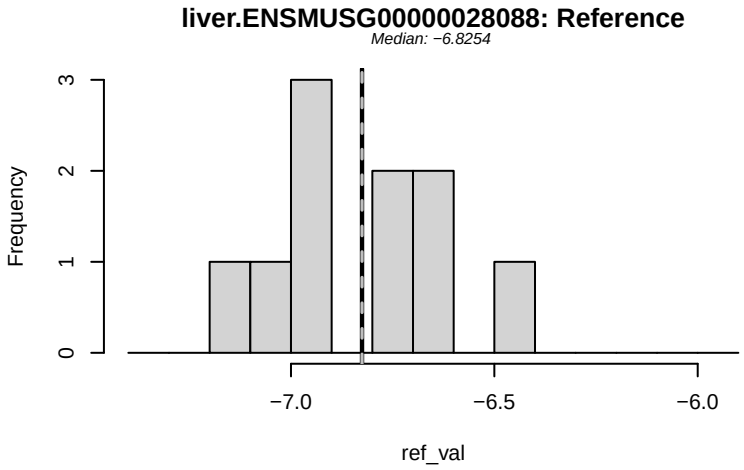

liver.ENSMUSG00000005514: Experimental
Median: −6.8172
p−val: 0.0504
Frequency
exp_val

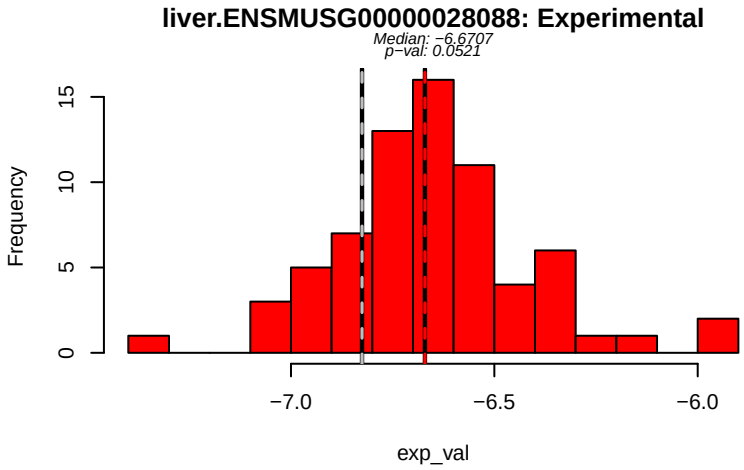

liver.ENSMUSG00000089960: Reference
Median: −6.2086
Frequency
ref_val

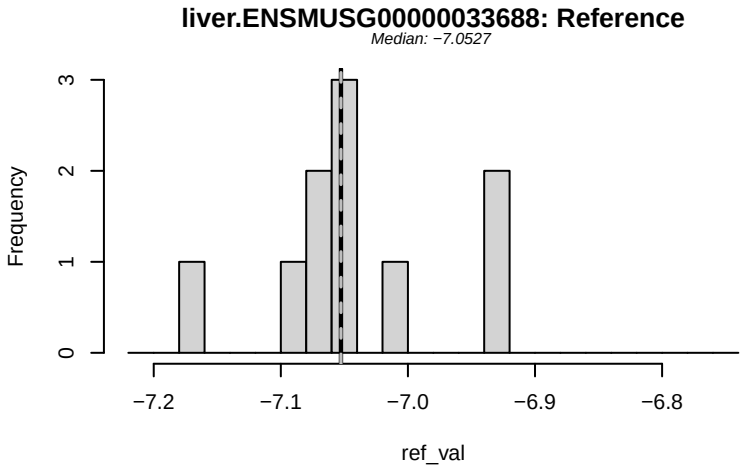

liver.ENSMUSG00000089960: Experimental
Median: −6.1450
p−val: 0.0504
Frequency
exp_val

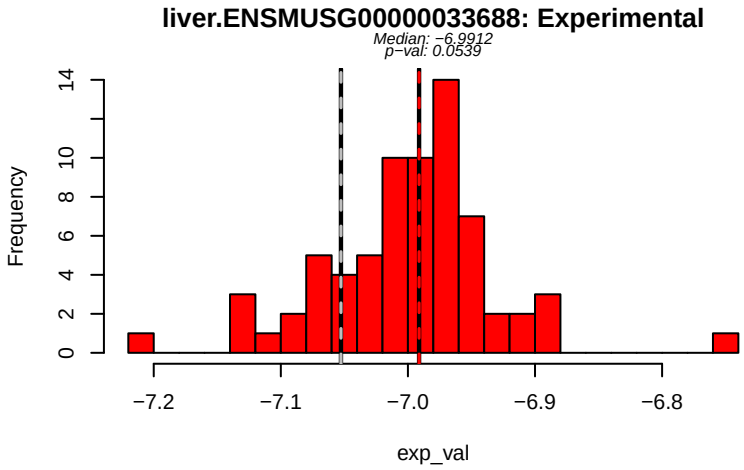

liver.ENSMUSG00000026193: Reference
Median: −4.8976
Frequency
ref_val

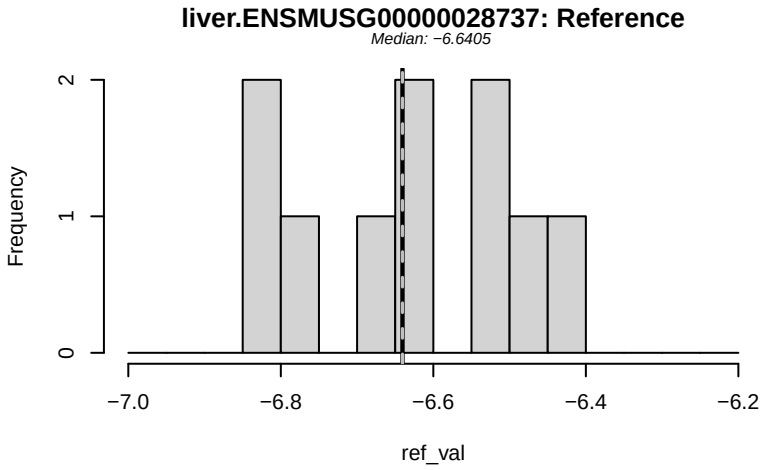

liver.ENSMUSG00000026193: Experimental
Median: −4.8346
p−val: 0.0504
Frequency
exp_val

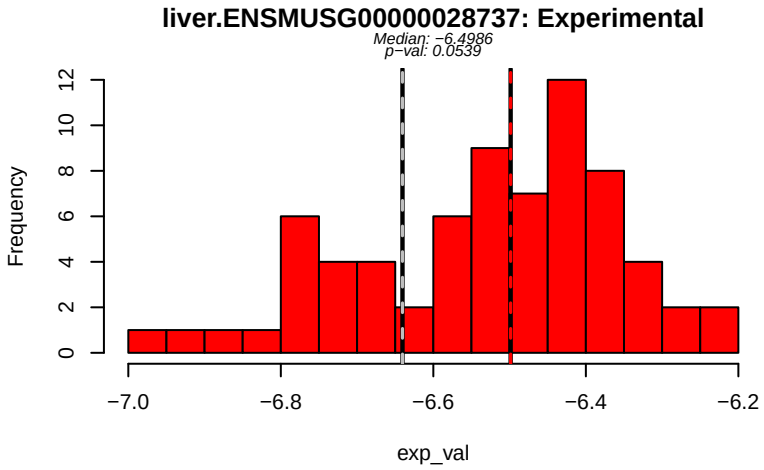

liver.ENSMUSG00000028088: Reference
Median: −6.8254
Frequency
ref_val

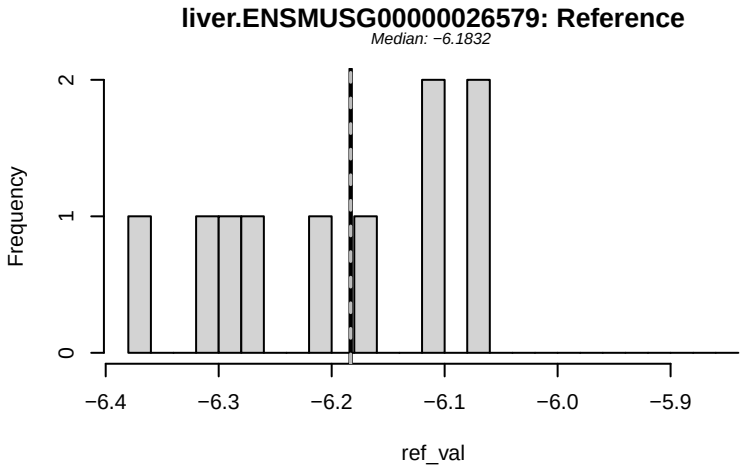

liver.ENSMUSG00000028088: Experimental
Median: −6.6707
p−val: 0.0521
Frequency
exp_val

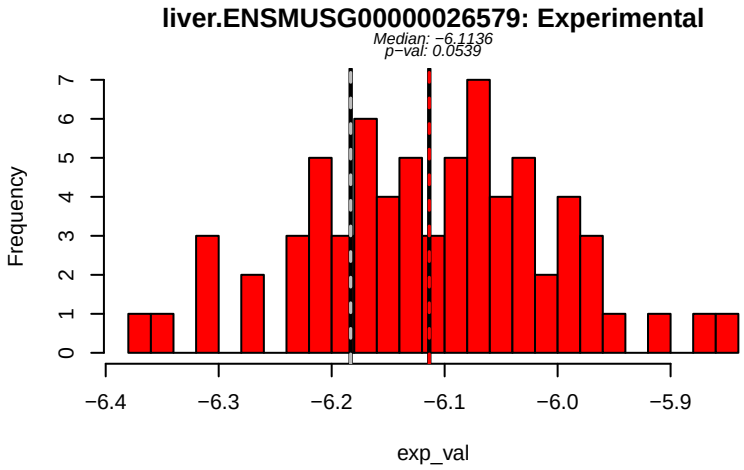

liver.ENSMUSG00000033688: Reference
Median: −7.0527
Frequency
ref_val

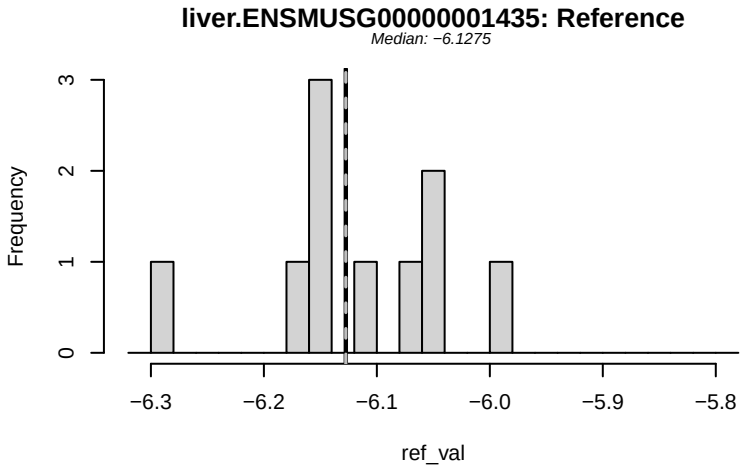

liver.ENSMUSG00000033688: Experimental
Median: −6.9912
p−val: 0.0539
Frequency
exp_val

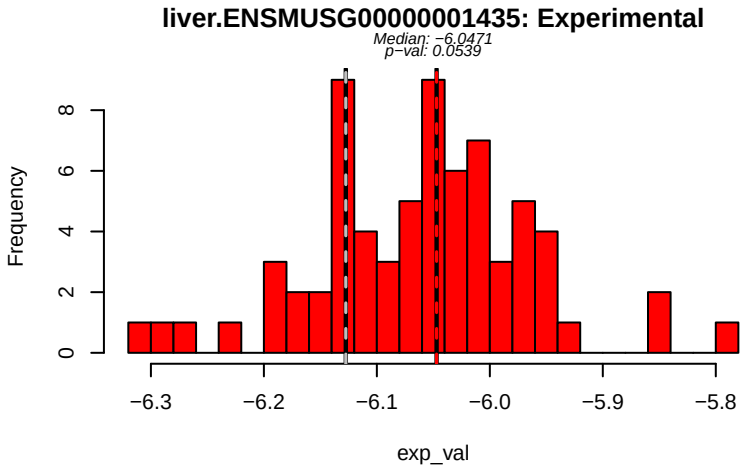

liver.ENSMUSG00000028737: Reference
Median: −6.6405
Frequency
ref_val

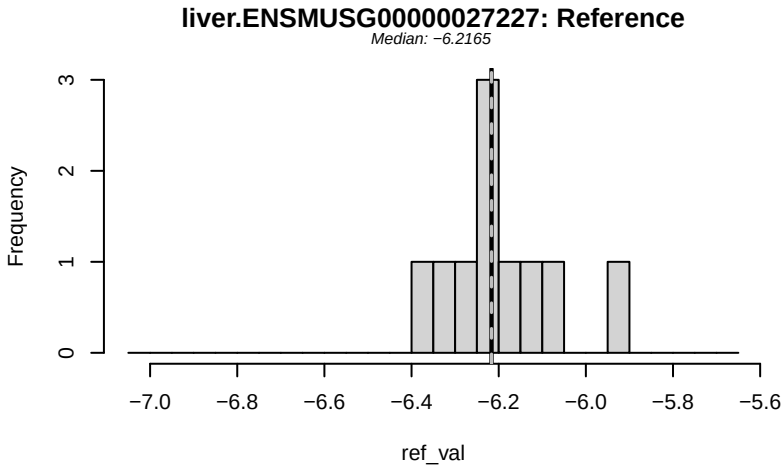

liver.ENSMUSG00000028737: Experimental
Median: −6.4986
p−val: 0.0539
Frequency
exp_val

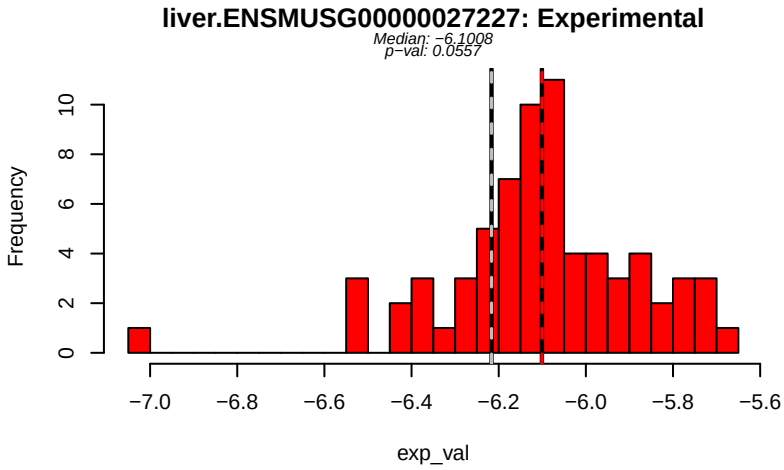

liver.ENSMUSG00000026579: Reference
Median: −6.1832
Frequency
ref_val

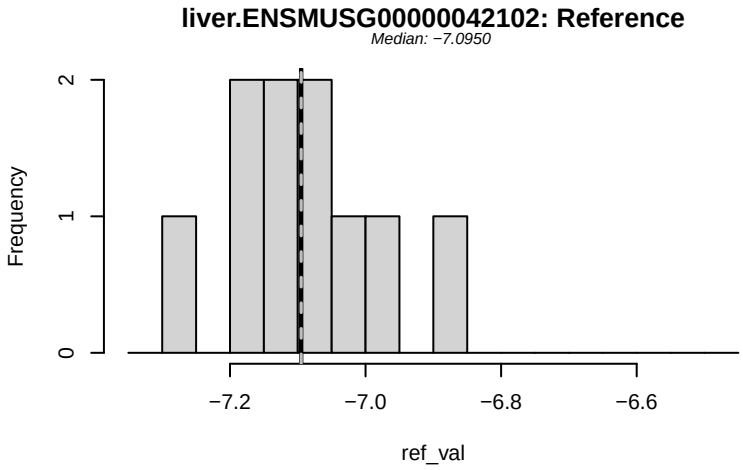

liver.ENSMUSG00000026579: Experimental
Median: −6.1136
p−val: 0.0539
Frequency
exp_val

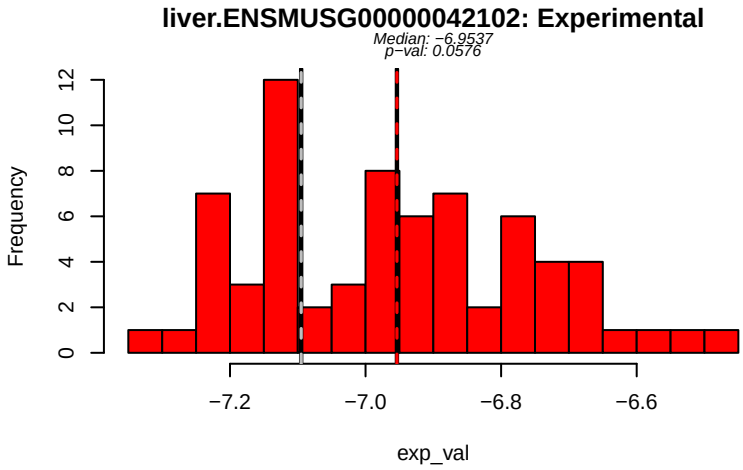

liver.ENSMUSG00000001435: Reference
Median: −6.1275
Frequency
ref_val

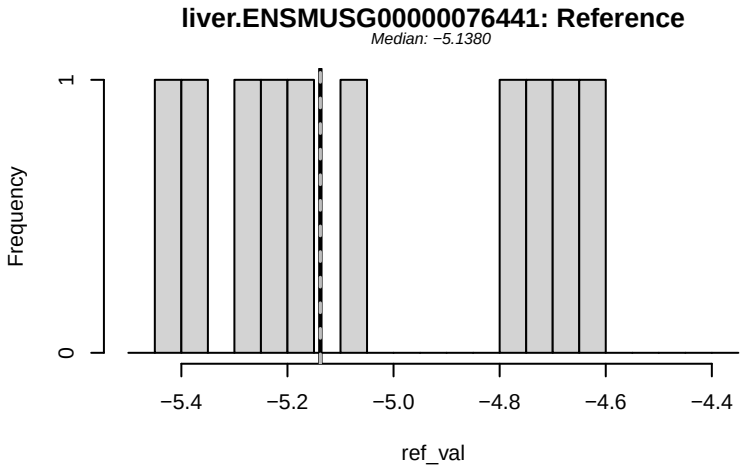

liver.ENSMUSG00000001435: Experimental
Median: −6.0471
p−val: 0.0539
Frequency
exp_val

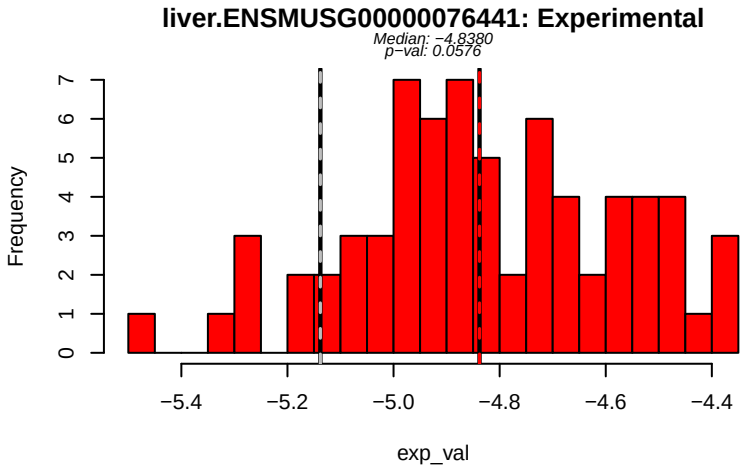

liver.ENSMUSG00000027227: Reference
Median: −6.2165
Frequency
ref_val

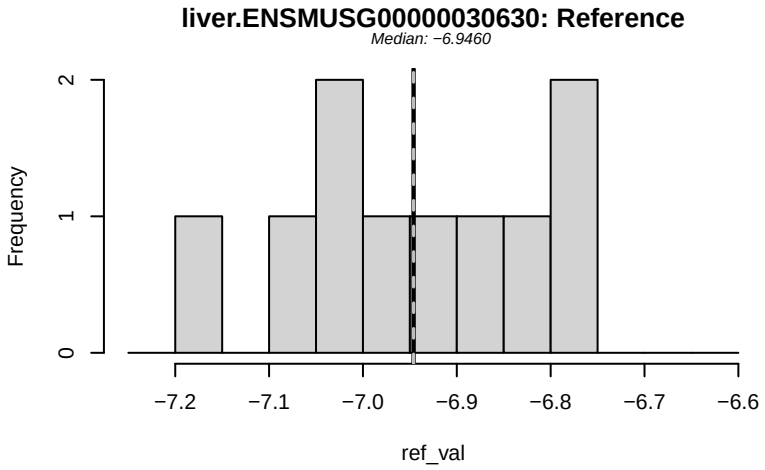

liver.ENSMUSG00000027227: Experimental
Median: −6.1008
p−val: 0.0557
Frequency
exp_val

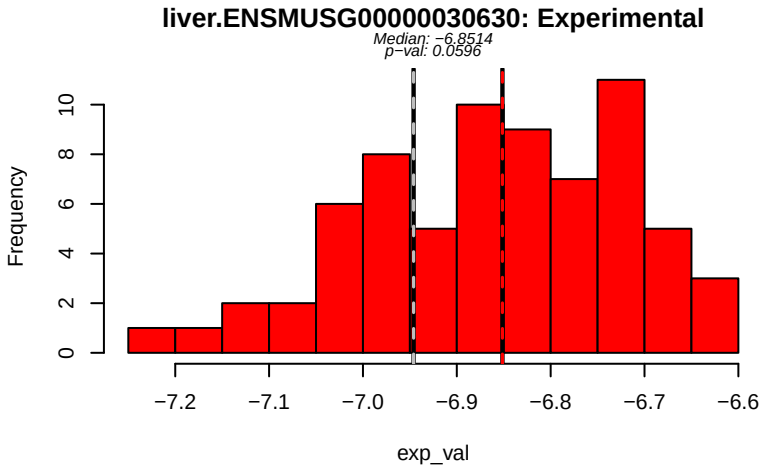

liver.ENSMUSG00000042102: Reference
Median: −7.0950
Frequency
ref_val

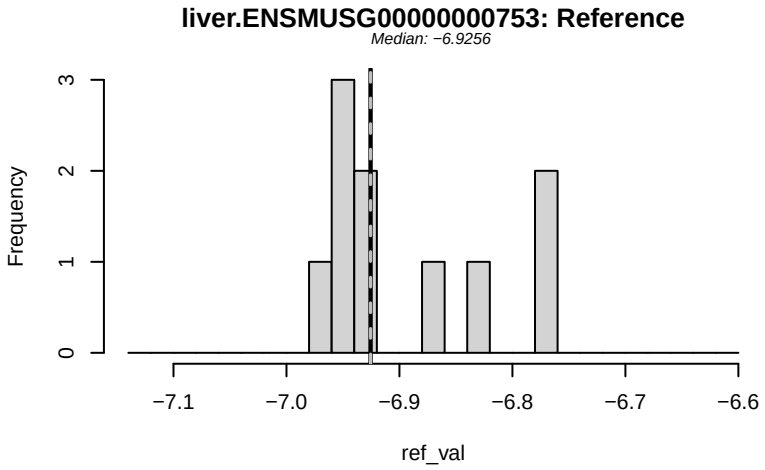

liver.ENSMUSG00000042102: Experimental
Median: −6.9537
p−val: 0.0576
Frequency
exp_val

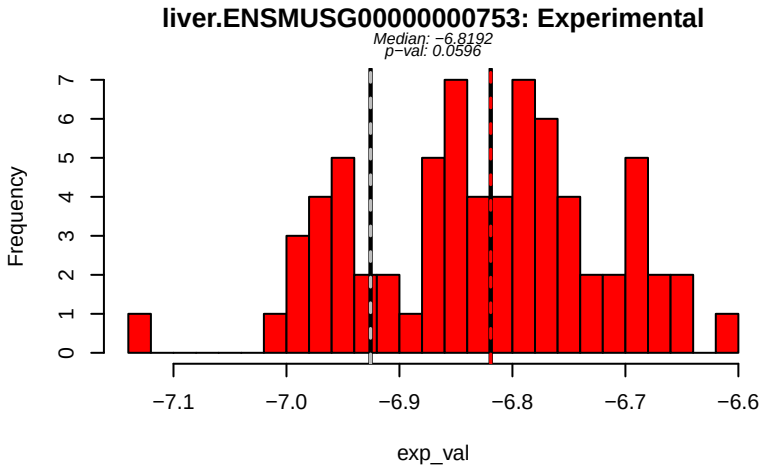

liver.ENSMUSG00000076441: Reference
Median: −5.1380
Frequency
ref_val

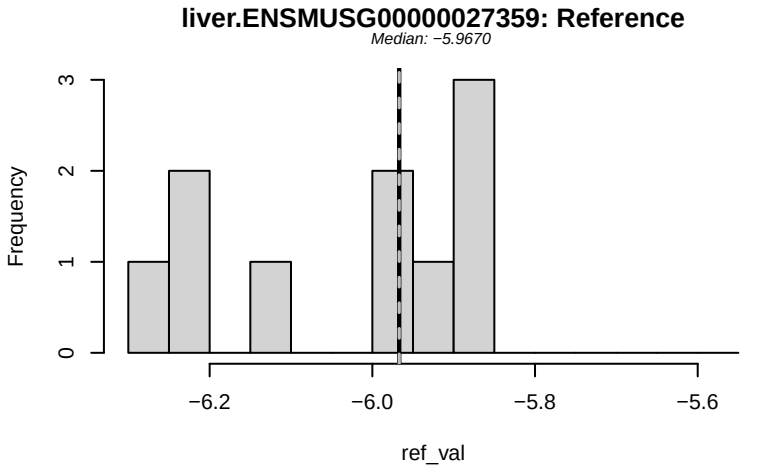

liver.ENSMUSG00000076441: Experimental
Median: −4.8380
p−val: 0.0576
Frequency
exp_val

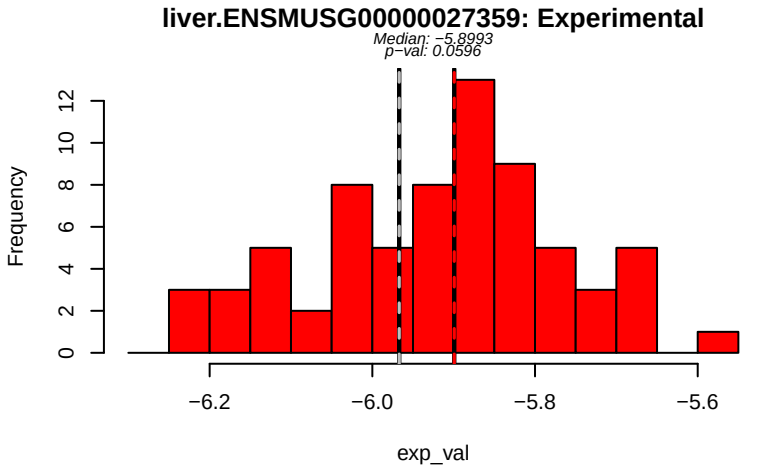

liver.ENSMUSG00000030630: Reference
Median: −6.9460
Frequency
ref_val

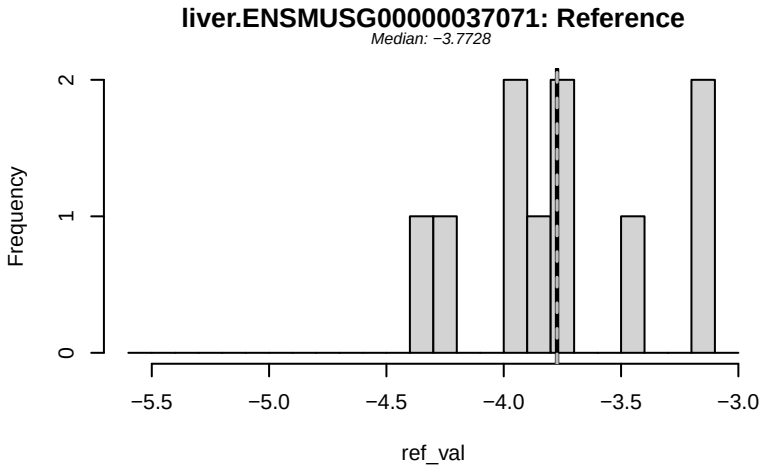

liver.ENSMUSG00000030630: Experimental
Median: −6.8514
p−val: 0.0596
Frequency
exp_val

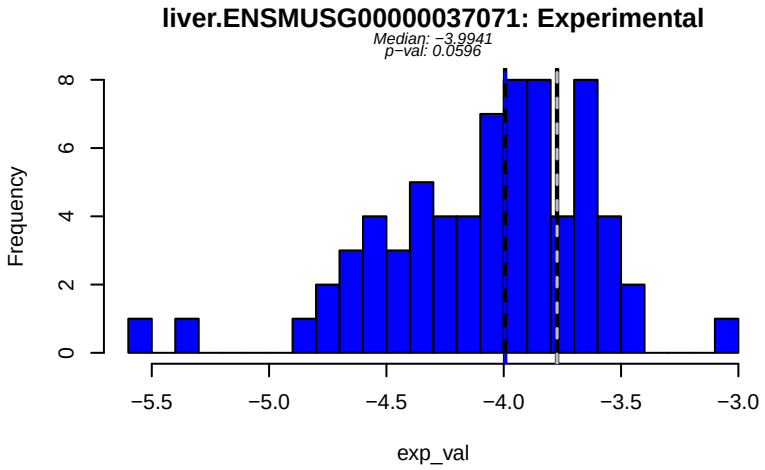

liver.ENSMUSG00000000753: Reference
Median: −6.9256
Frequency
ref_val

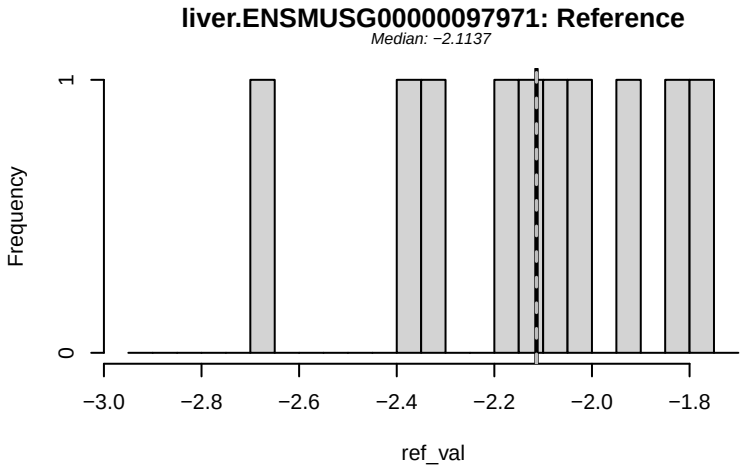

liver.ENSMUSG00000000753: Experimental
Median: −6.8192
p−val: 0.0596
Frequency
exp_val

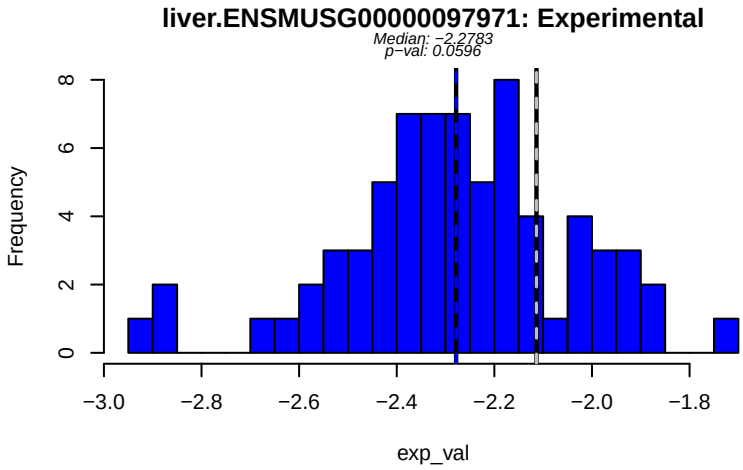

liver.ENSMUSG00000027359: Reference
Median: −5.9670
Frequency
ref_val

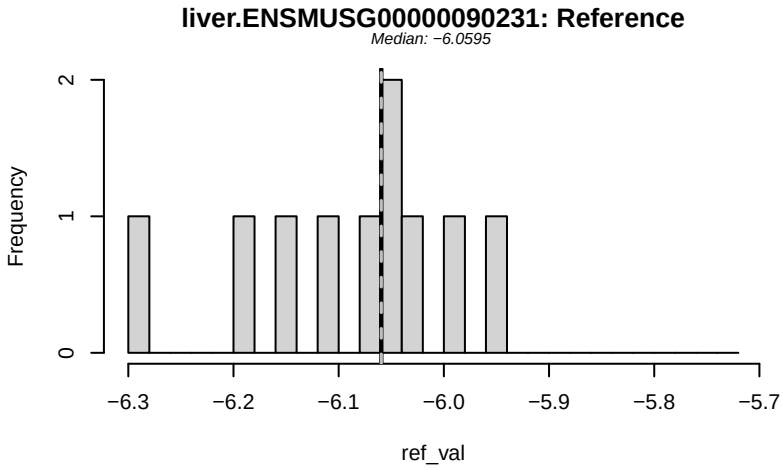

liver.ENSMUSG00000027359: Experimental
Median: −5.8993
p−val: 0.0596
Frequency
exp_val

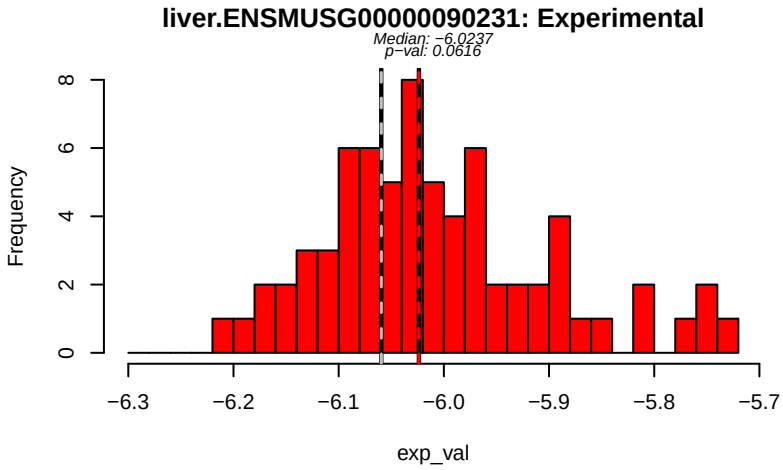

liver.ENSMUSG00000037071: Reference
Median: −3.7728
Frequency
ref_val

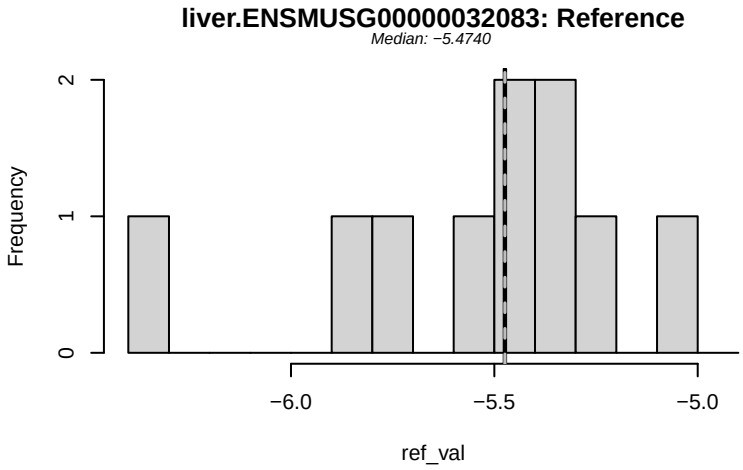

liver.ENSMUSG00000037071: Experimental
Median: −3.9941
p−val: 0.0596
Frequency
exp_val

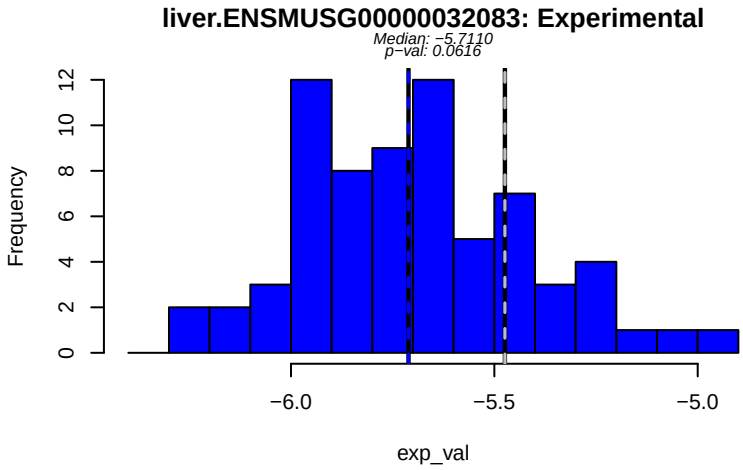

liver.ENSMUSG00000097971: Reference
Median: −2.1137
Frequency
ref_val

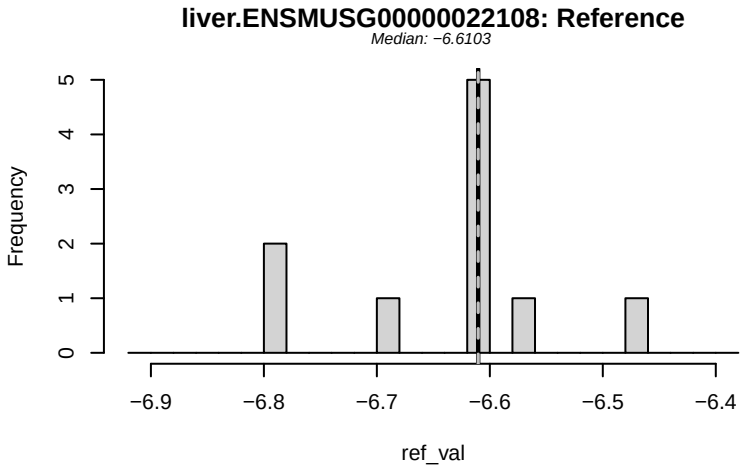

liver.ENSMUSG00000097971: Experimental
Median: −2.2783
p−val: 0.0596
Frequency
exp_val

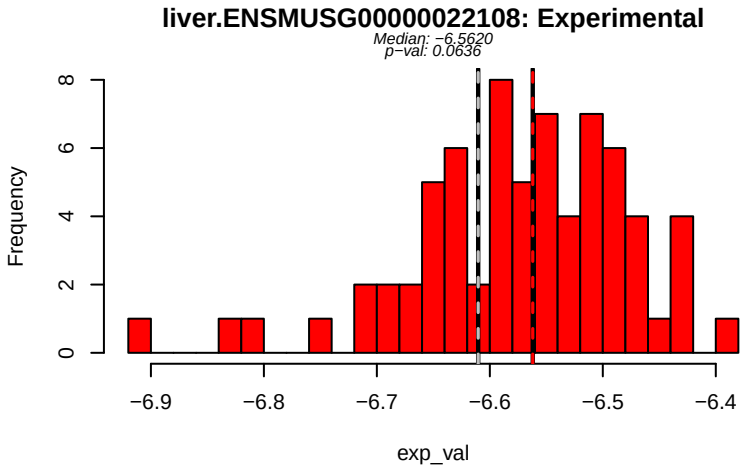

liver.ENSMUSG00000090231: Reference
Median: −6.0595
Frequency
ref_val

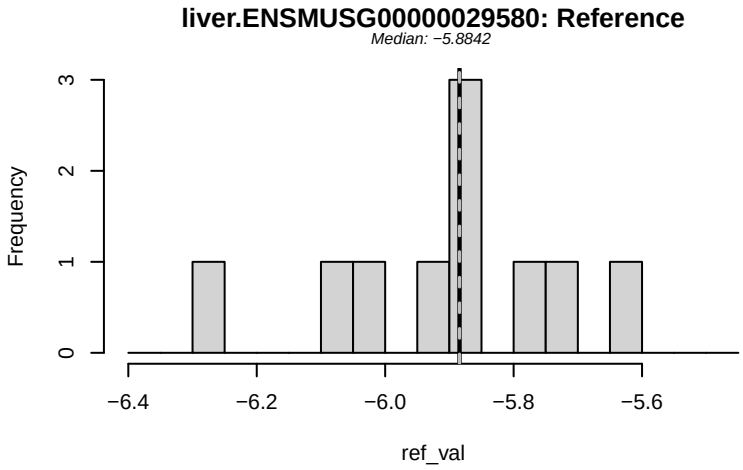

liver.ENSMUSG00000090231: Experimental
Median: −6.0237
p−val: 0.0616
Frequency
exp_val

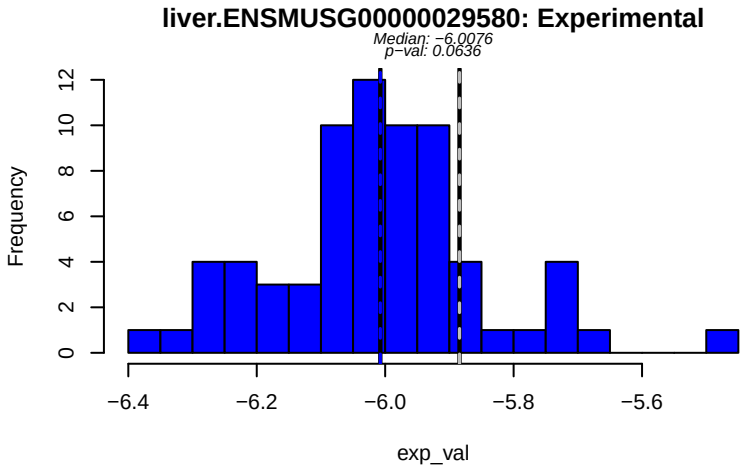

liver.ENSMUSG00000032083: Reference
Median: −5.4740
Frequency
ref_val

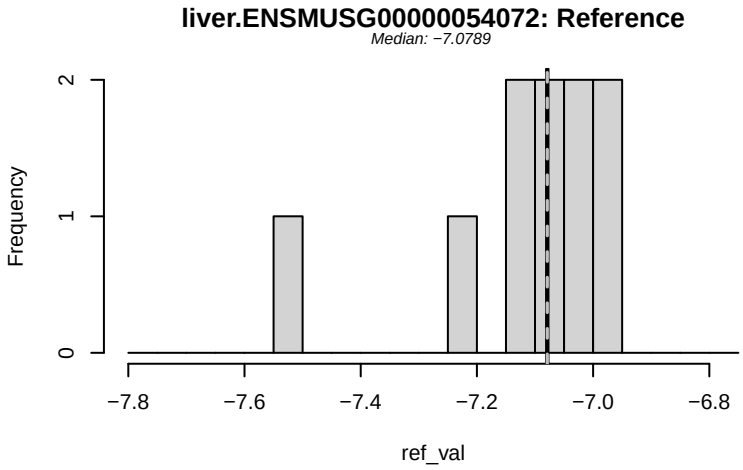

liver.ENSMUSG00000032083: Experimental
Median: −5.7110
p−val: 0.0616
Frequency
exp_val

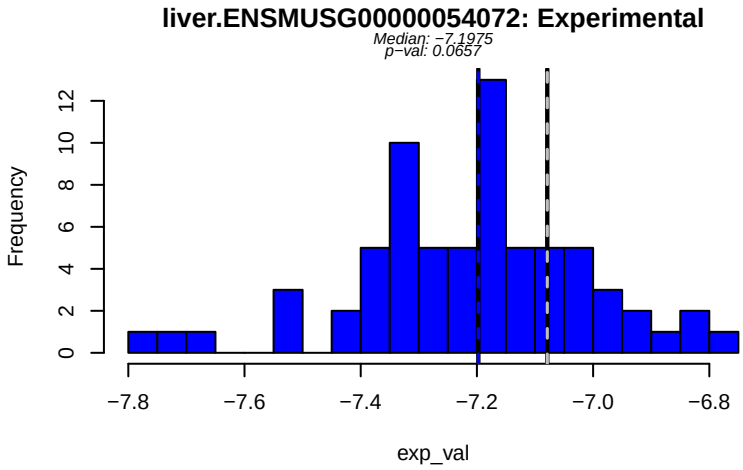

liver.ENSMUSG00000022108: Reference
Median: −6.6103
Frequency
ref_val

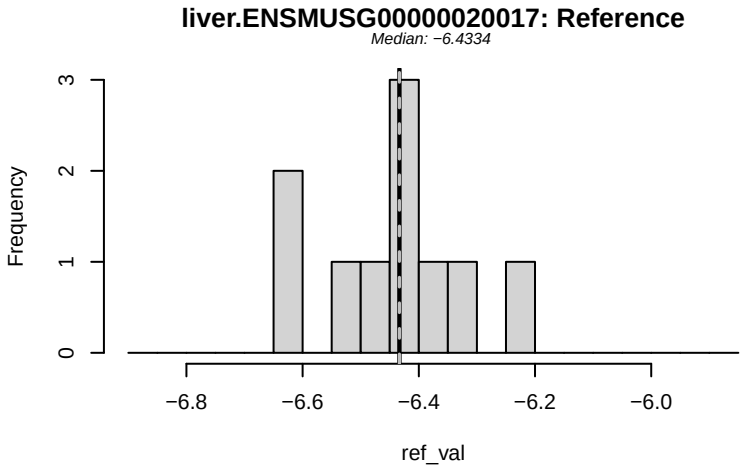

liver.ENSMUSG00000022108: Experimental
Median: −6.5620
p−val: 0.0636
Frequency
exp_val

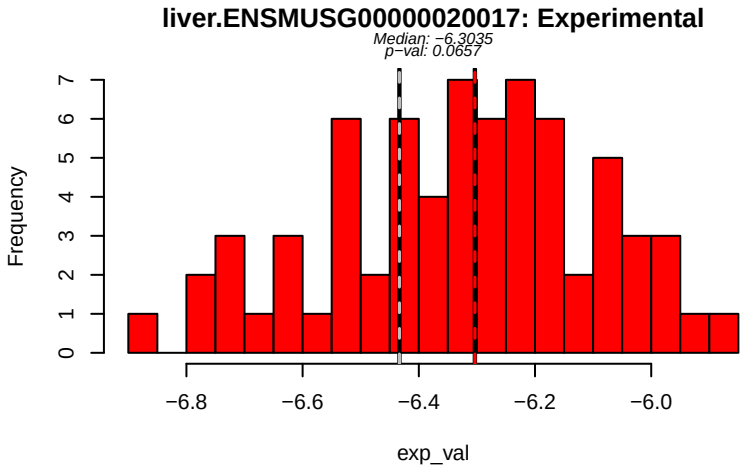

liver.ENSMUSG00000029580: Reference
Median: −5.8842
Frequency
ref_val

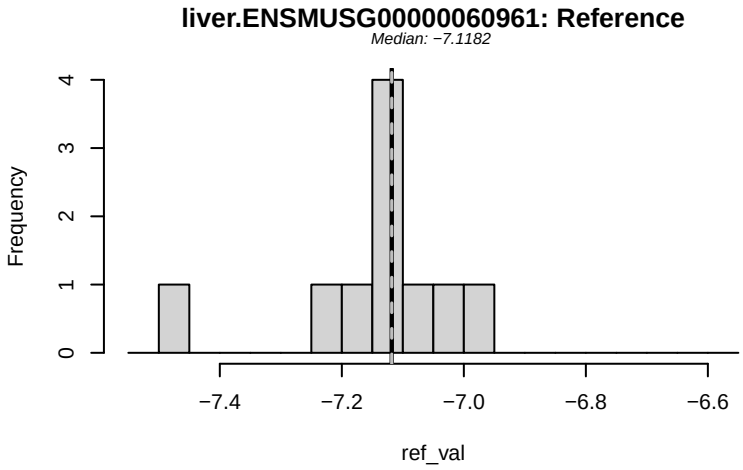

liver.ENSMUSG00000029580: Experimental
Median: −6.0076
p−val: 0.0636
Frequency
exp_val

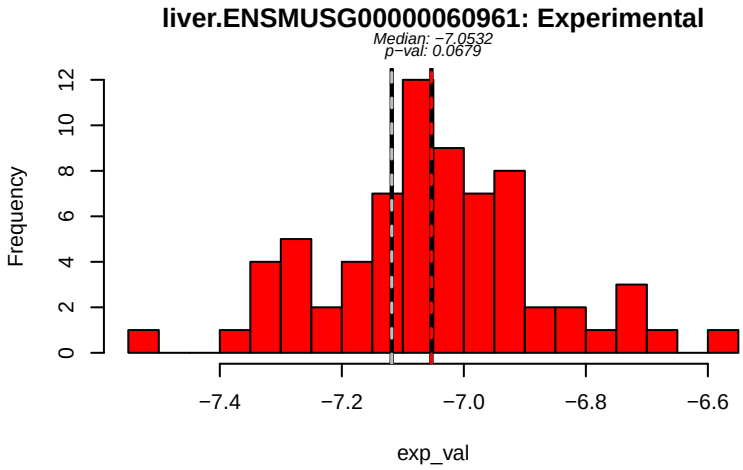

liver.ENSMUSG00000054072: Reference
Median: −7.0789
Frequency
ref_val

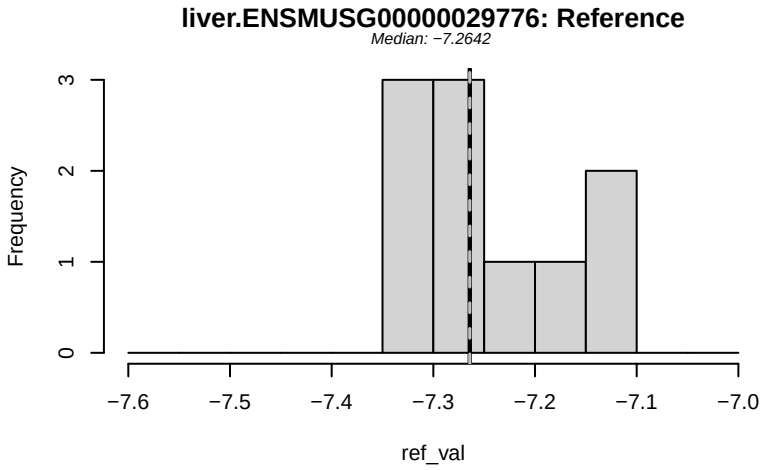

liver.ENSMUSG00000054072: Experimental
Median: −7.1975
p−val: 0.0657
Frequency
exp_val

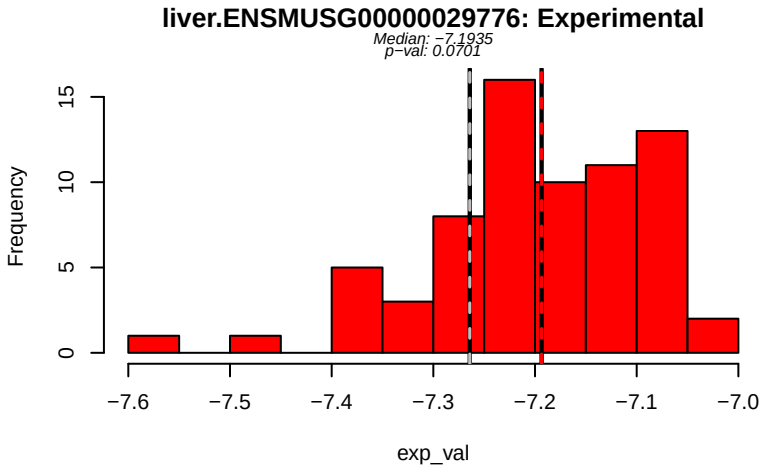

liver.ENSMUSG00000020017: Reference
Median: −6.4334
Frequency
ref_val

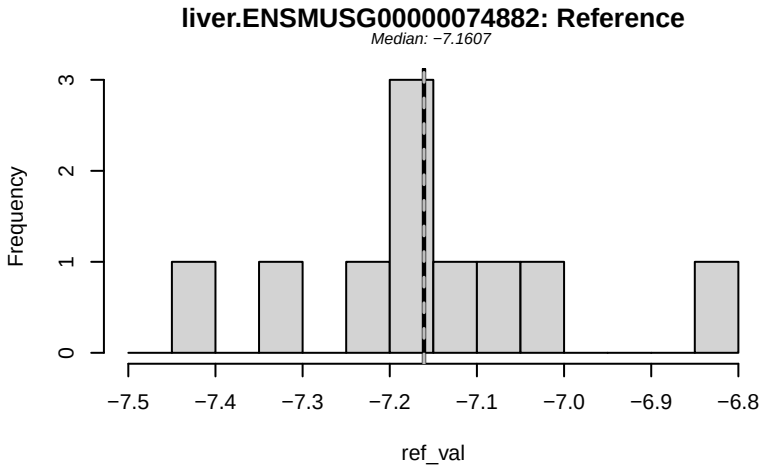

liver.ENSMUSG00000020017: Experimental
Median: −6.3035
p−val: 0.0657
Frequency
exp_val

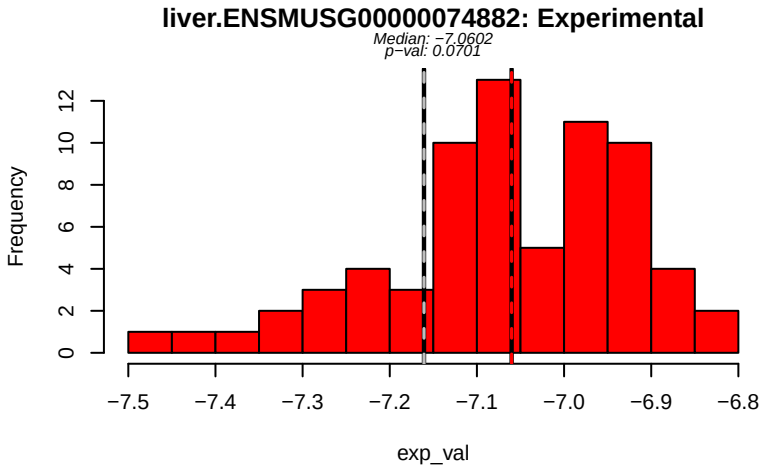

liver.ENSMUSG00000060961: Reference
Median: −7.1182
Frequency
ref_val

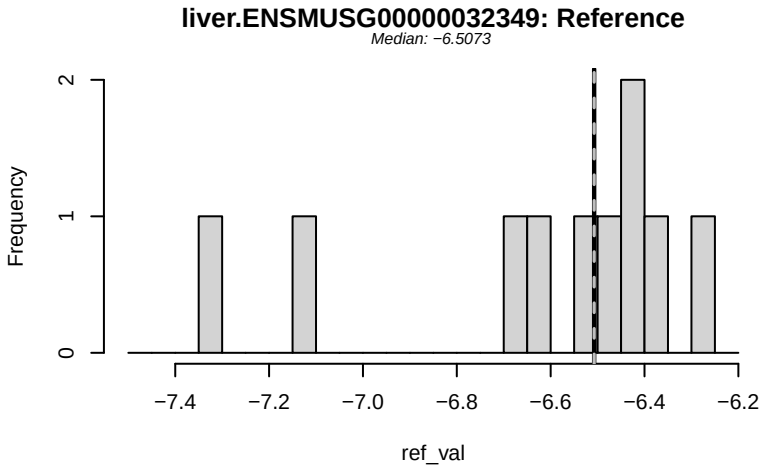

liver.ENSMUSG00000060961: Experimental
Median: −7.0532
p−val: 0.0679
Frequency
exp_val

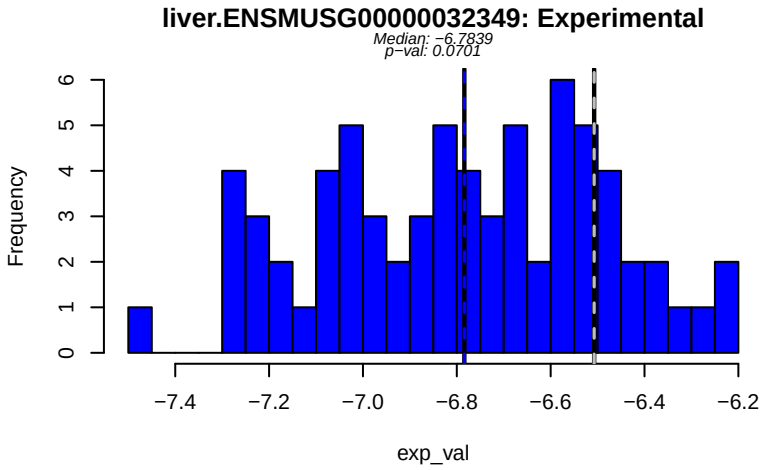

liver.ENSMUSG00000029776: Reference
Median: −7.2642
Frequency
ref_val

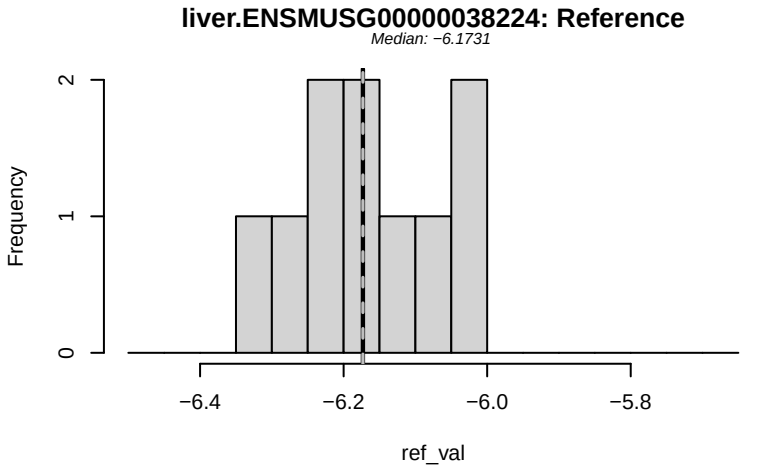

liver.ENSMUSG00000029776: Experimental
Median: −7.1935
p−val: 0.0701
Frequency
exp_val

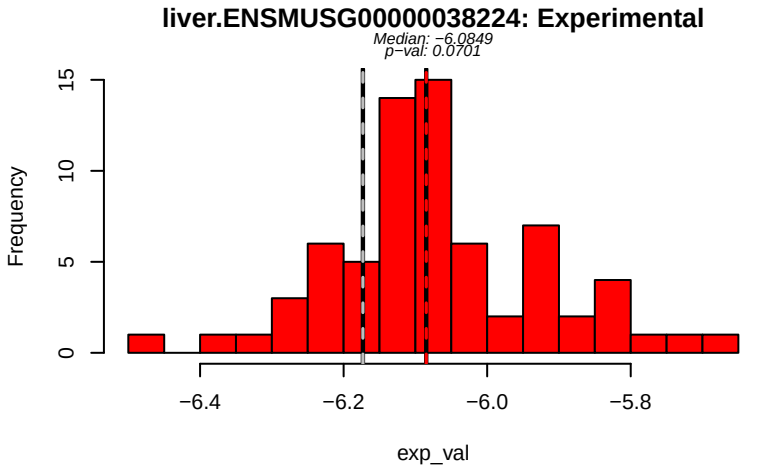

liver.ENSMUSG00000074882: Reference
Median: −7.1607
Frequency
ref_val

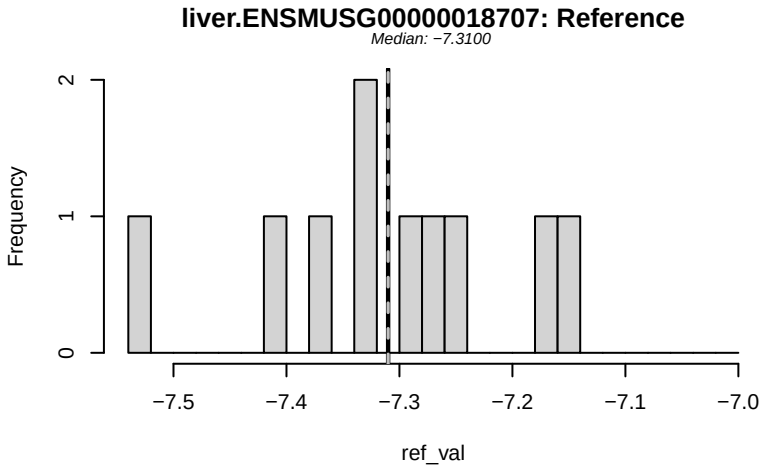

liver.ENSMUSG00000074882: Experimental
Median: −7.0602
p−val: 0.0701
Frequency
exp_val

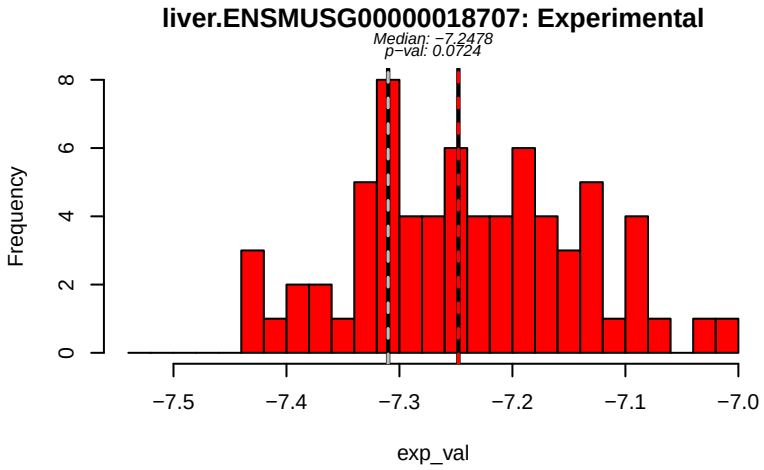

liver.ENSMUSG00000032349: Reference
Median: −6.5073
Frequency
ref_val

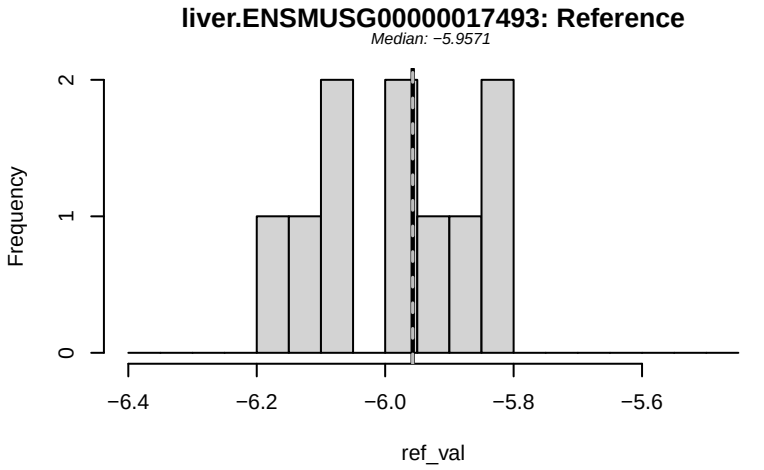

liver.ENSMUSG00000032349: Experimental
Median: −6.7839
p−val: 0.0701
Frequency
exp_val

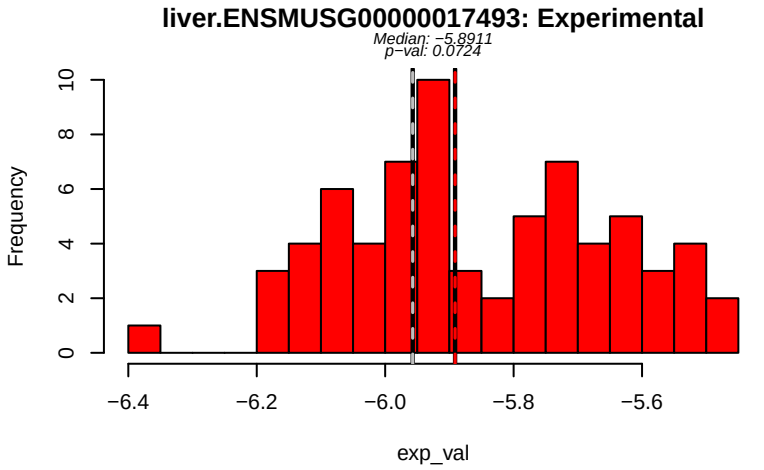

liver.ENSMUSG00000038224: Reference
Median: −6.1731
Frequency
ref_val

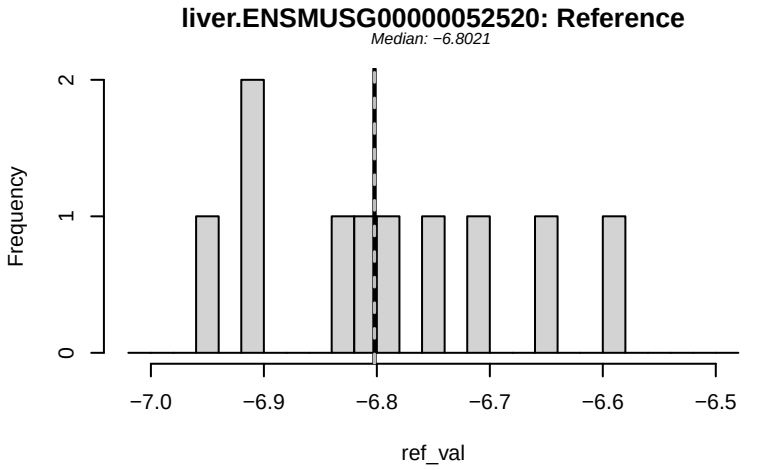

liver.ENSMUSG00000038224: Experimental
Median: −6.0849
p−val: 0.0701
Frequency
exp_val

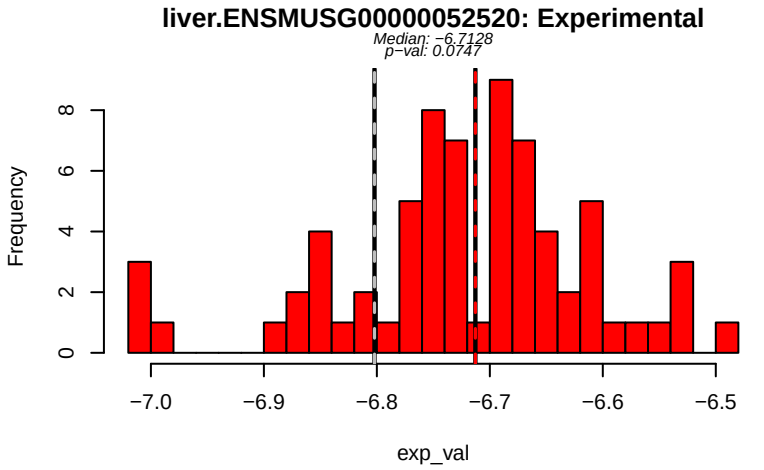

liver.ENSMUSG00000018707: Reference
Median: −7.3100
Frequency
ref_val

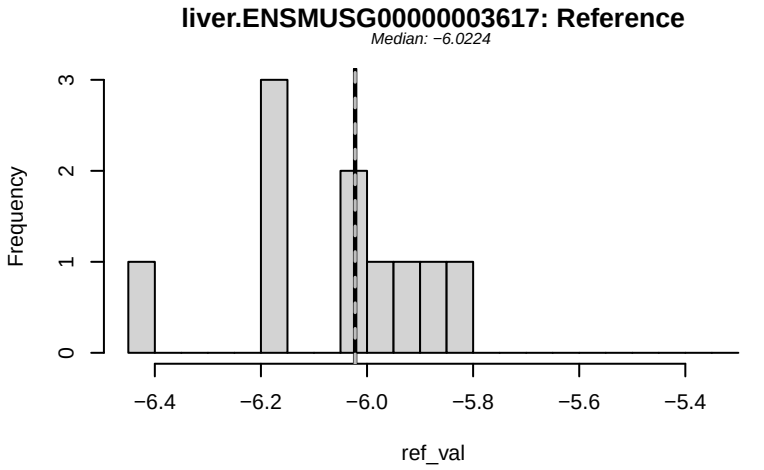

liver.ENSMUSG00000018707: Experimental
Median: −7.2478
p−val: 0.0724
Frequency
exp_val

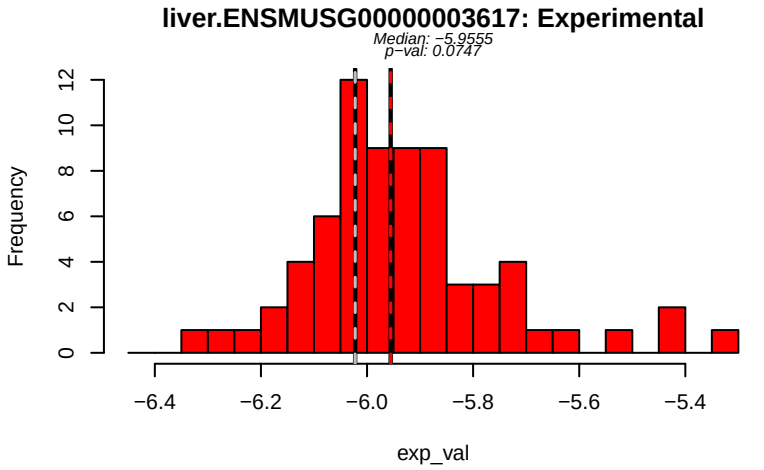

liver.ENSMUSG00000017493: Reference
Median: −5.9571
Frequency
ref_val

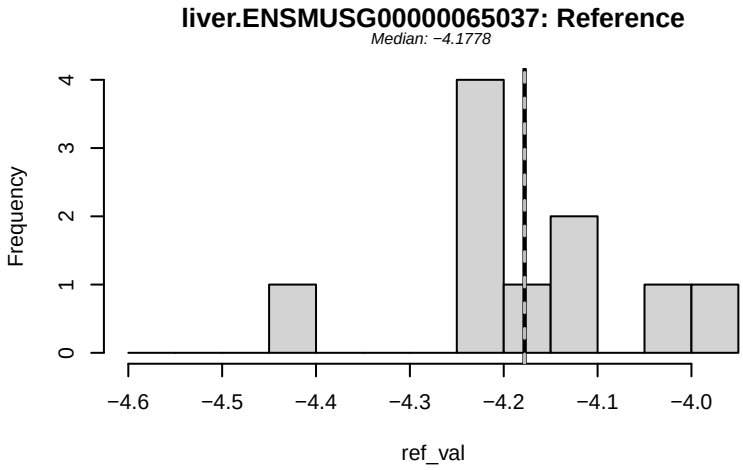

liver.ENSMUSG00000017493: Experimental
Median: −5.8911
p−val: 0.0724
Frequency
exp_val

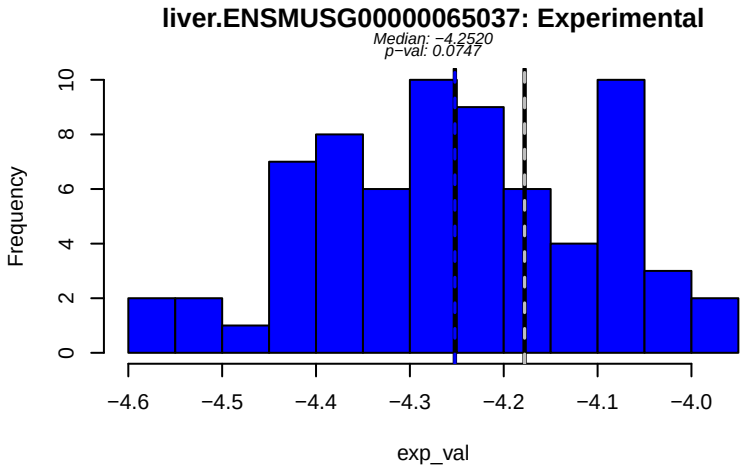

liver.ENSMUSG00000052520: Reference
Median: −6.8021
Frequency
ref_val

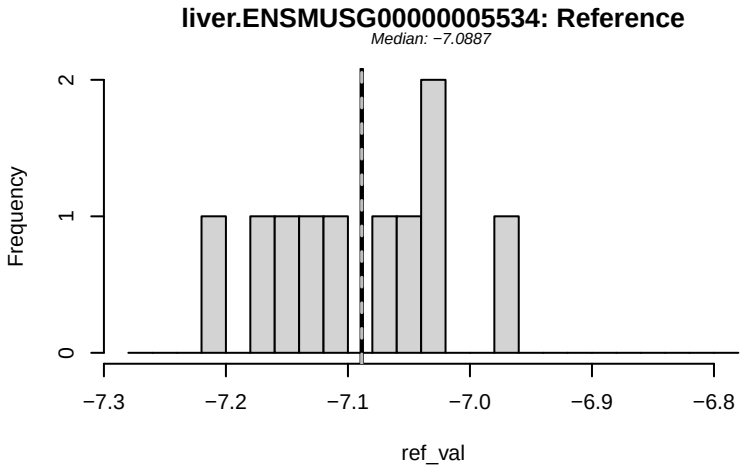

liver.ENSMUSG00000052520: Experimental
Median: −6.7128
p−val: 0.0747
Frequency
exp_val

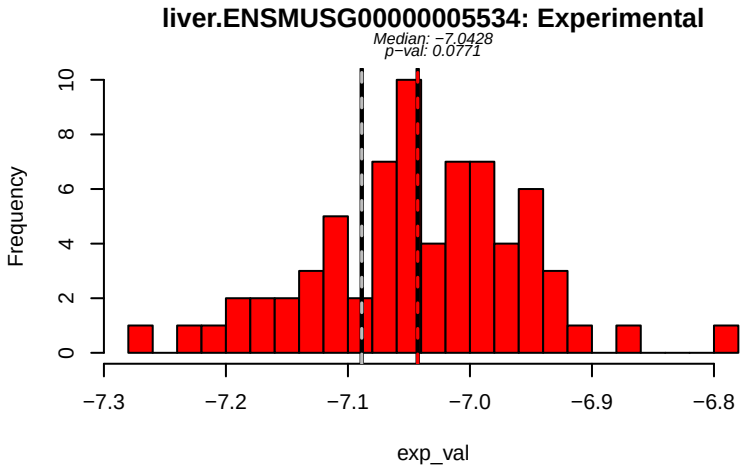

liver.ENSMUSG00000003617: Reference
Median: −6.0224
Frequency
ref_val

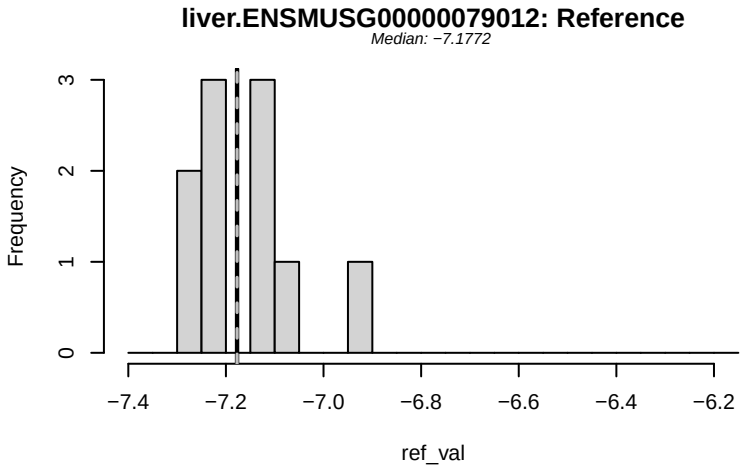

liver.ENSMUSG00000003617: Experimental
Median: −5.9555
p−val: 0.0747
Frequency
exp_val

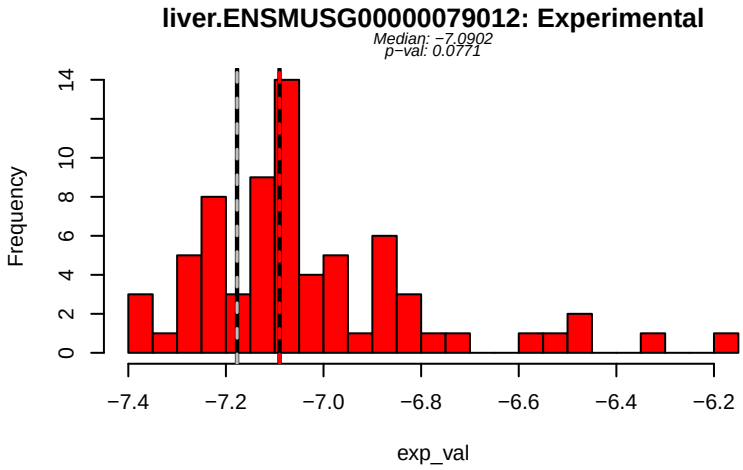

liver.ENSMUSG00000065037: Reference
Median: −4.1778
Frequency
ref_val

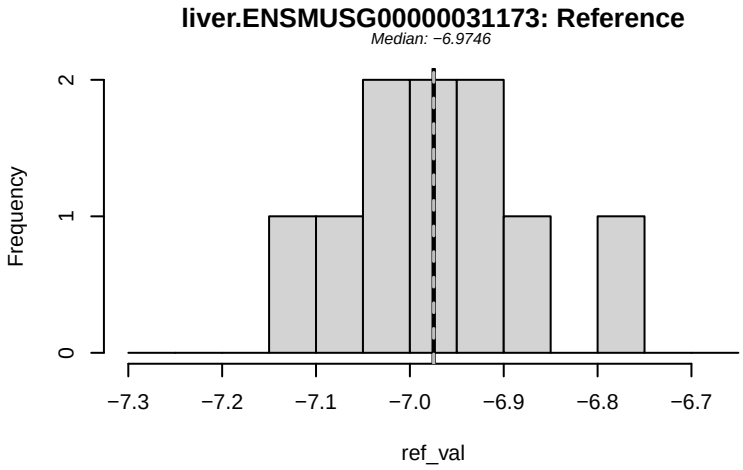

liver.ENSMUSG00000065037: Experimental
Median: −4.2520
p−val: 0.0747
Frequency
exp_val

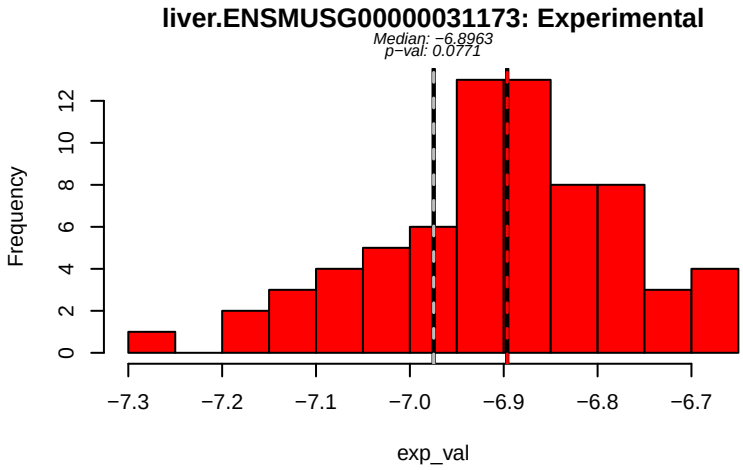

liver.ENSMUSG00000005534: Reference
Median: −7.0887
Frequency
ref_val

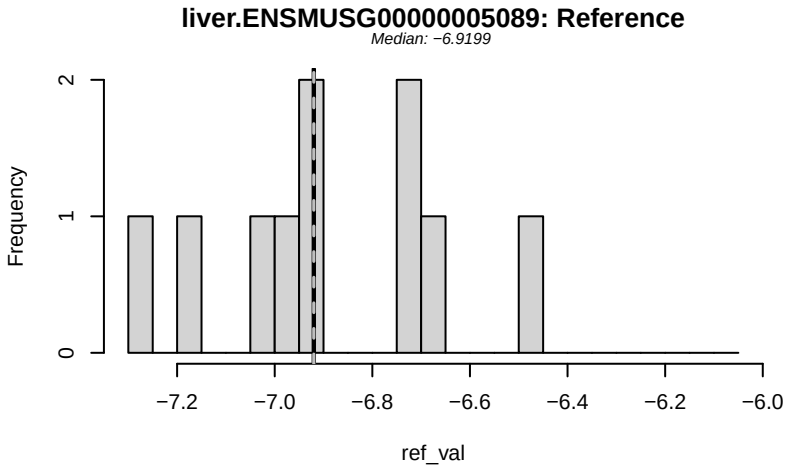

liver.ENSMUSG00000005534: Experimental
Median: −7.0428
p−val: 0.0771
Frequency
exp_val

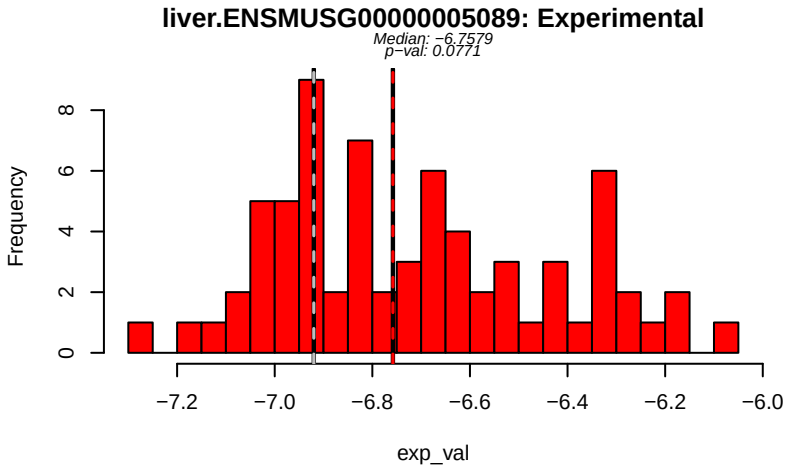

liver.ENSMUSG00000079012: Reference
Median: −7.1772
Frequency
ref_val

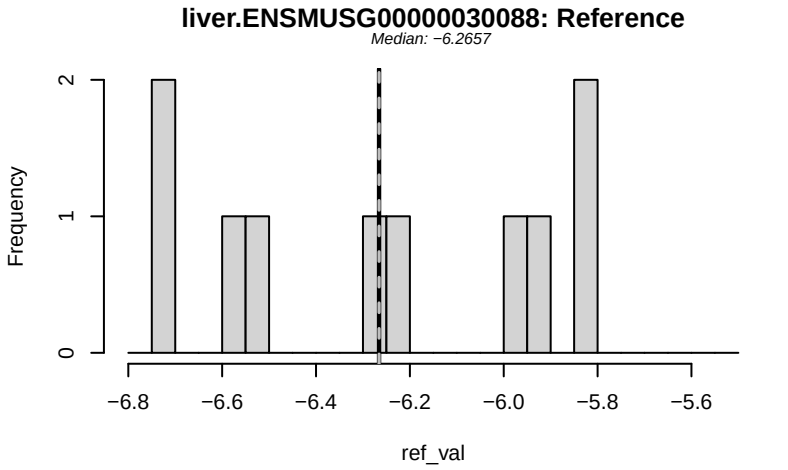

liver.ENSMUSG00000079012: Experimental
Median: −7.0902
p−val: 0.0771
Frequency
exp_val

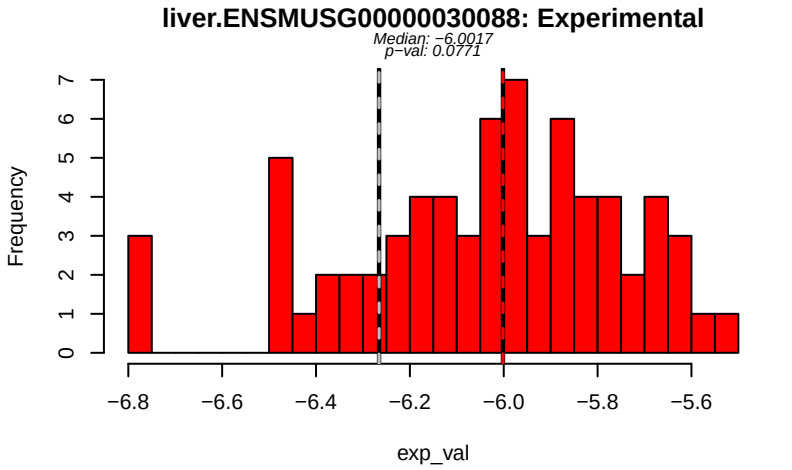

liver.ENSMUSG00000031173: Reference
Median: −6.9746
Frequency
ref_val

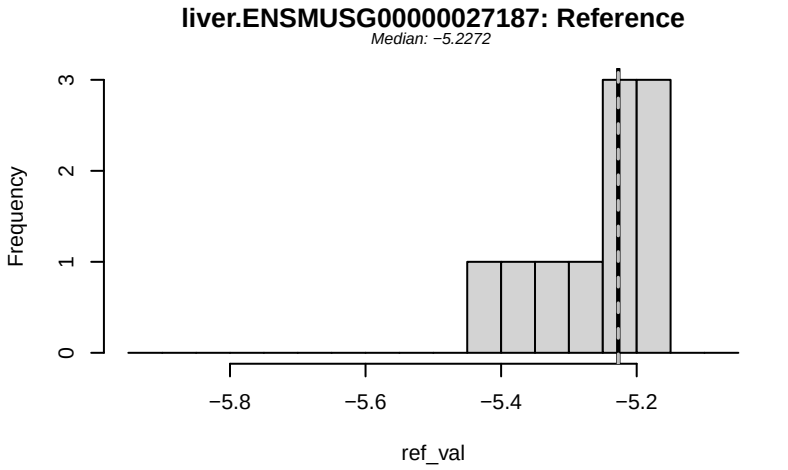

liver.ENSMUSG00000031173: Experimental
Median: −6.8963
p−val: 0.0771
Frequency
exp_val

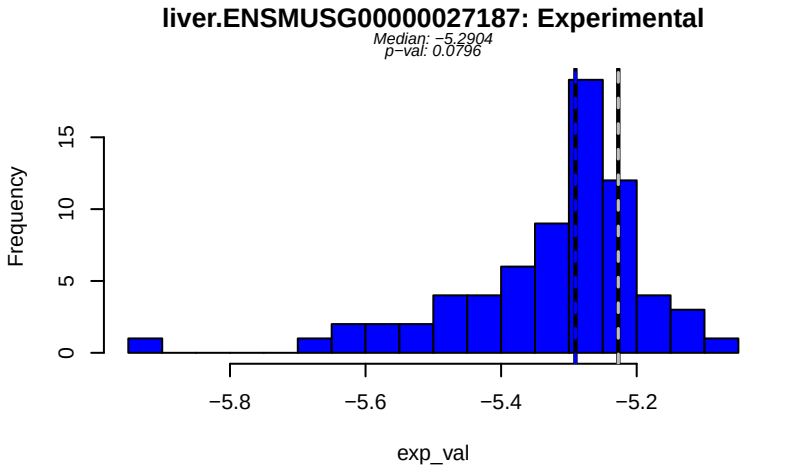

liver.ENSMUSG00000005089: Reference
Median: −6.9199
Frequency
ref_val

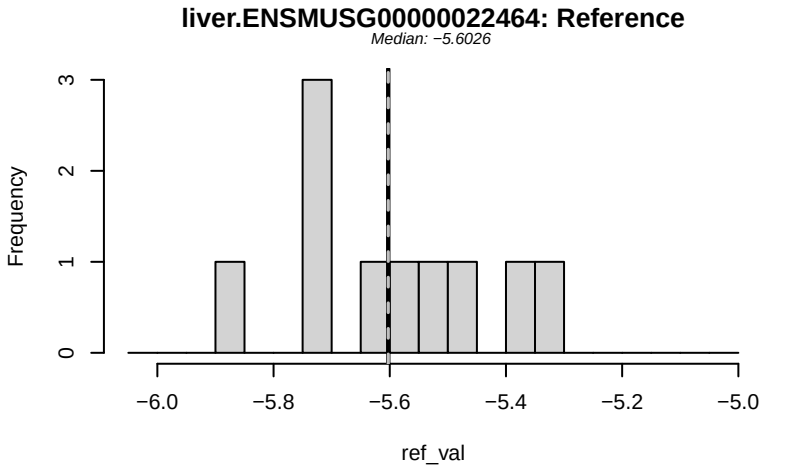

liver.ENSMUSG00000005089: Experimental
Median: −6.7579
p−val: 0.0771
Frequency
exp_val

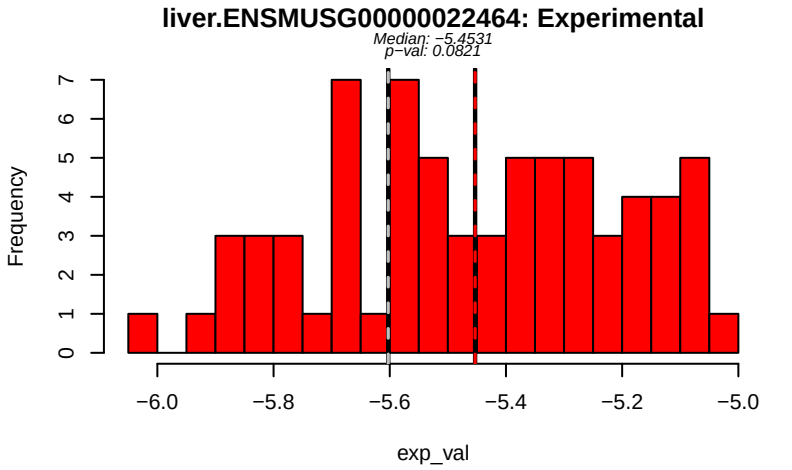

liver.ENSMUSG00000030088: Reference
Median: −6.2657
Frequency
ref_val

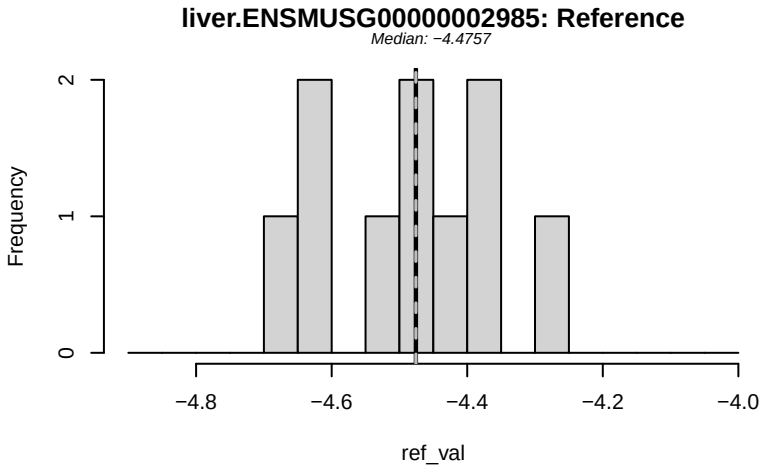

liver.ENSMUSG00000030088: Experimental
Median: −6.0017
p−val: 0.0771
Frequency
exp_val

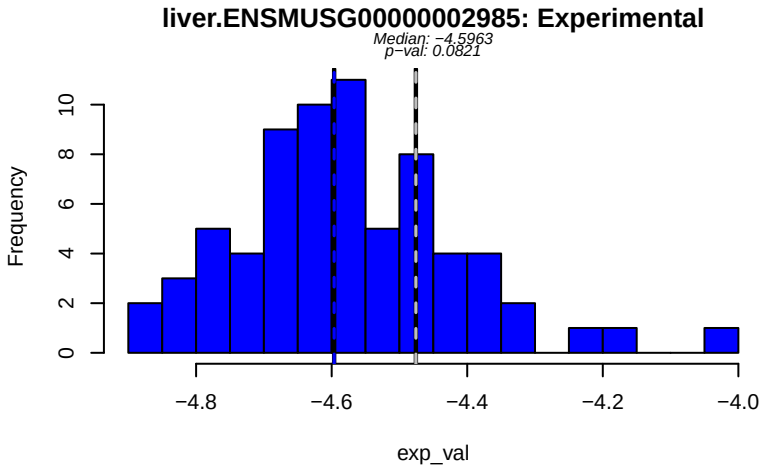

liver.ENSMUSG00000027187: Reference
Median: −5.2272
Frequency
ref_val

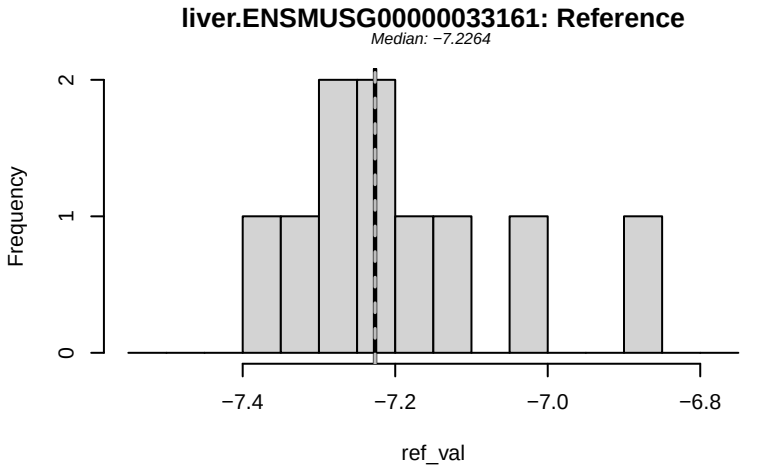

liver.ENSMUSG00000027187: Experimental
Median: −5.2904
p−val: 0.0796
Frequency
exp_val

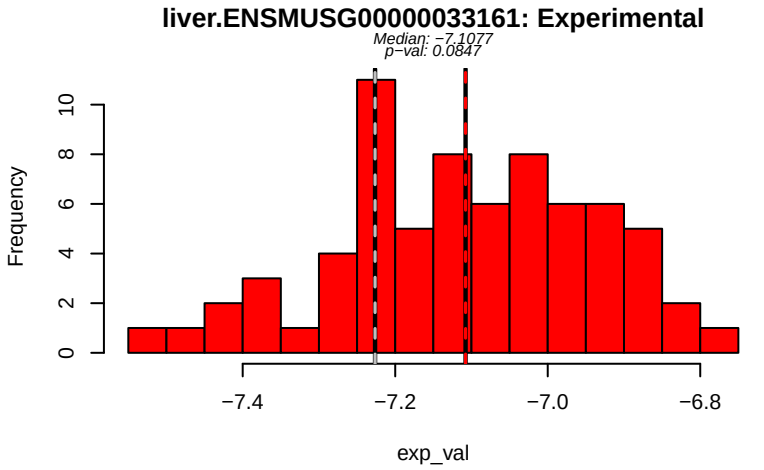

liver.ENSMUSG00000022464: Reference
Median: −5.6026
Frequency
ref_val

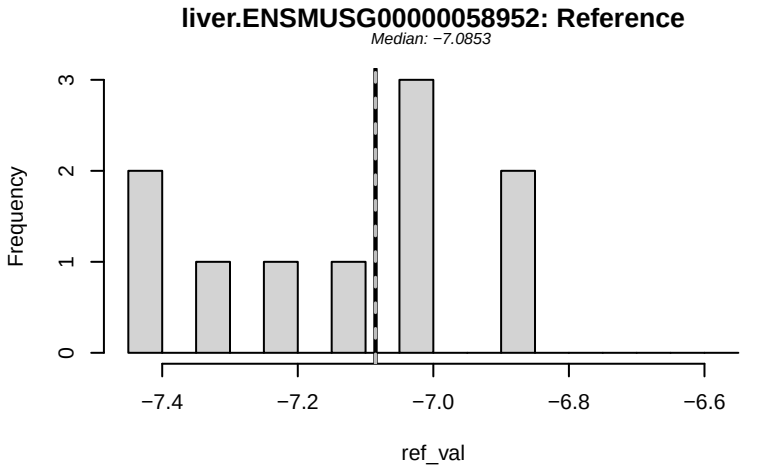

liver.ENSMUSG00000022464: Experimental
Median: −5.4531
p−val: 0.0821
Frequency
exp_val

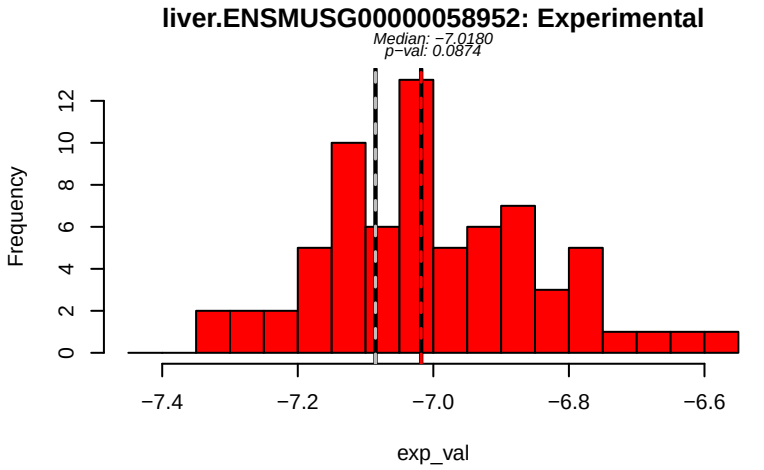

liver.ENSMUSG00000002985: Reference
Median: −4.4757
Frequency
ref_val

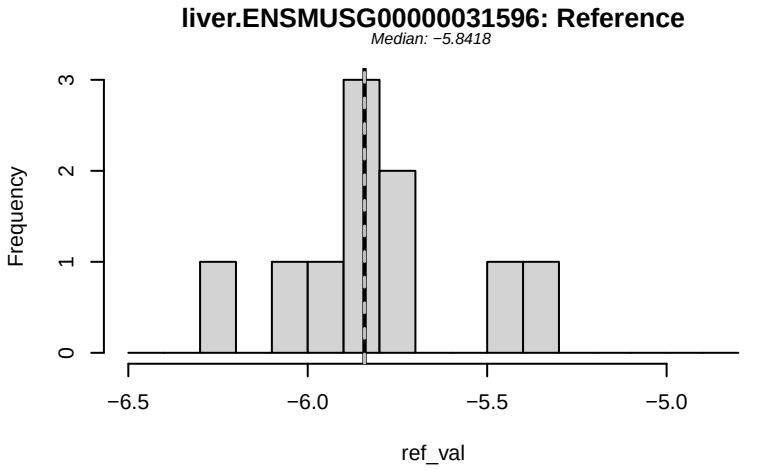

liver.ENSMUSG00000002985: Experimental
Median: −4.5963
p−val: 0.0821
Frequency
exp_val

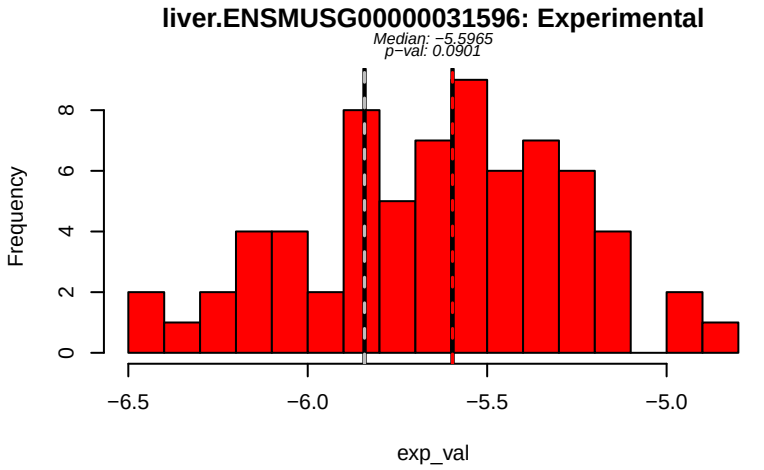

liver.ENSMUSG00000033161: Reference
Median: −7.2264
Frequency
ref_val

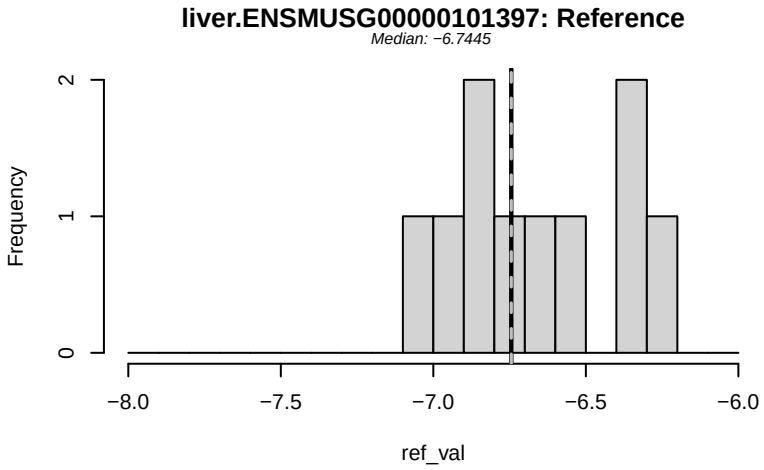

liver.ENSMUSG00000033161: Experimental
Median: −7.1077
p−val: 0.0847
Frequency
exp_val

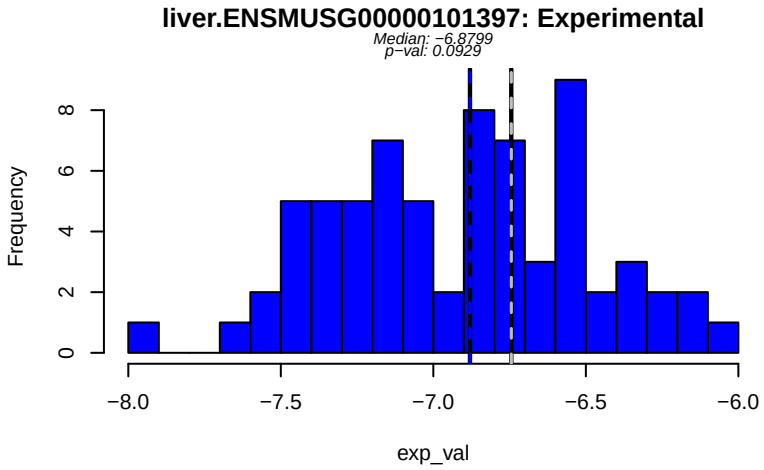

liver.ENSMUSG00000058952: Reference
Median: −7.0853
Frequency
ref_val

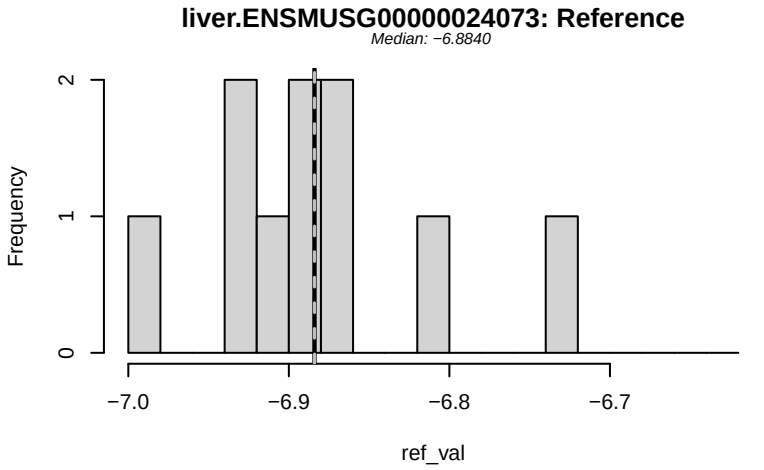

liver.ENSMUSG00000058952: Experimental
Median: −7.0180
p−val: 0.0874
Frequency
exp_val

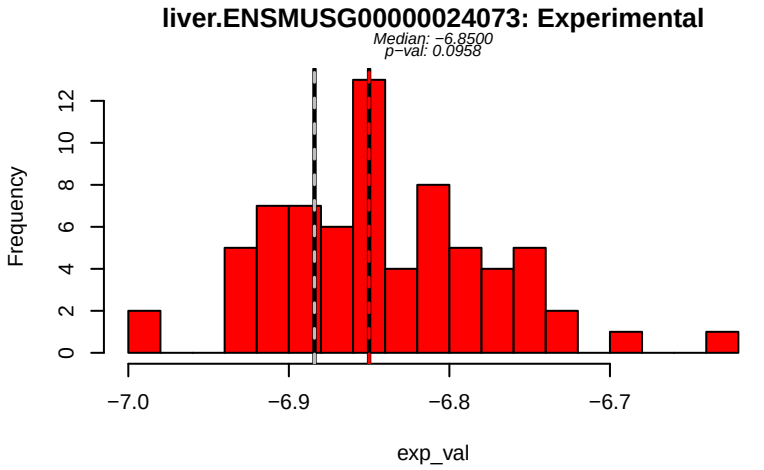

liver.ENSMUSG00000031596: Reference
Median: −5.8418
Frequency
ref_val

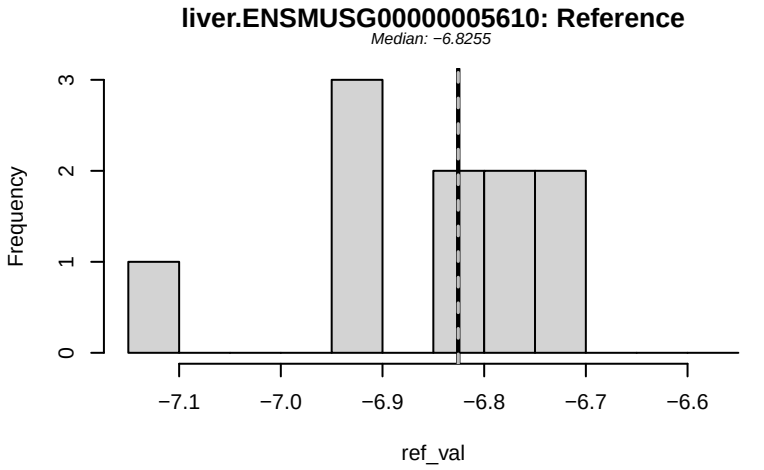

liver.ENSMUSG00000031596: Experimental
Median: −5.5965
p−val: 0.0901
Frequency
exp_val

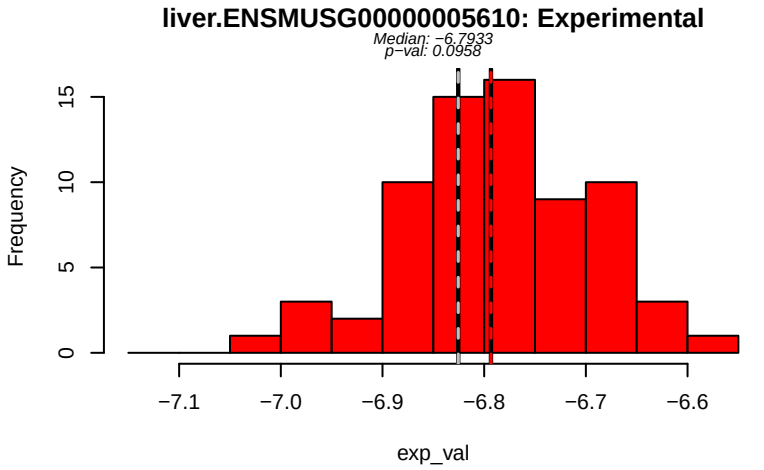

liver.ENSMUSG00000101397: Reference
Median: −6.7445
Frequency
ref_val

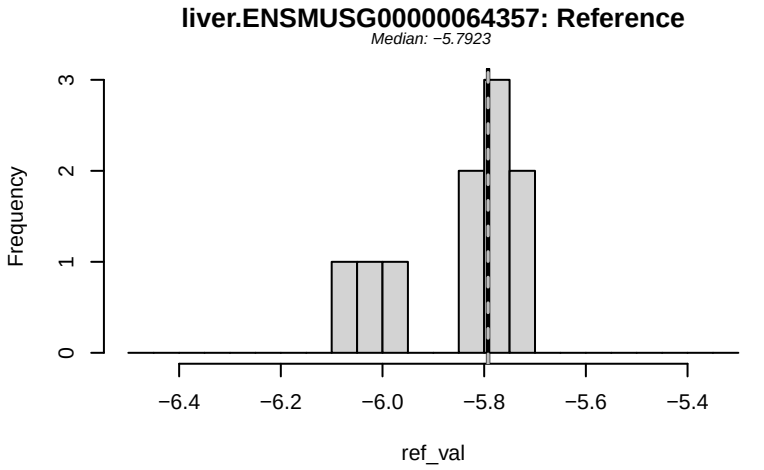

liver.ENSMUSG00000101397: Experimental
Median: −6.8799
p−val: 0.0929
Frequency
exp_val

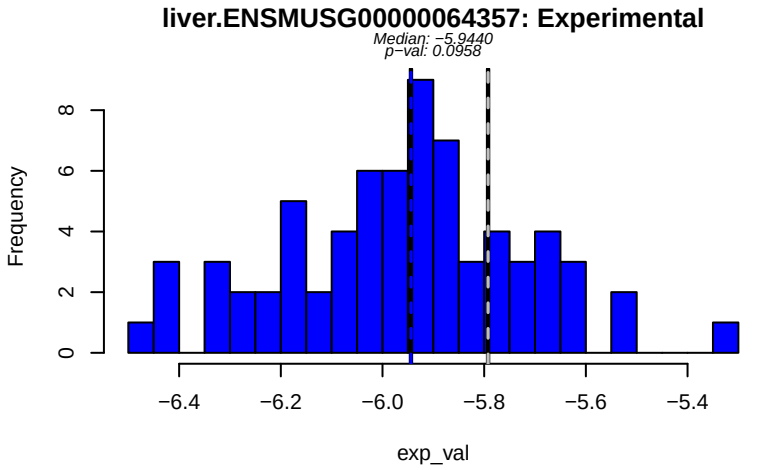

liver.ENSMUSG00000024073: Reference
Median: −6.8840
Frequency
ref_val

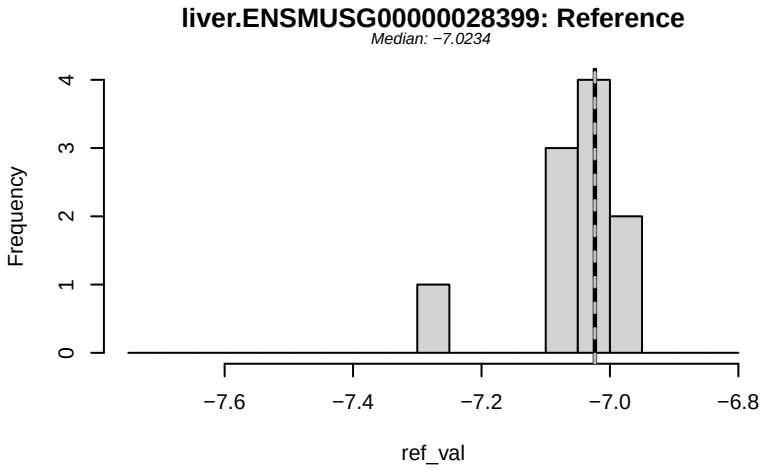

liver.ENSMUSG00000024073: Experimental
Median: −6.8500
p−val: 0.0958
Frequency
exp_val

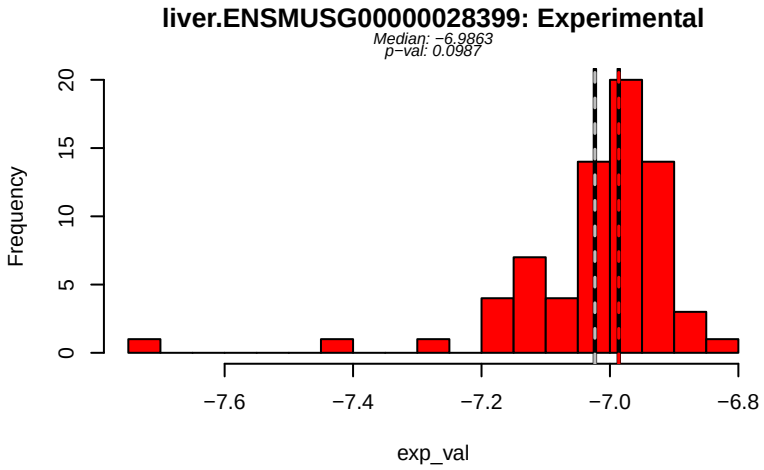

liver.ENSMUSG00000005610: Reference
Median: −6.8255
Frequency
ref_val

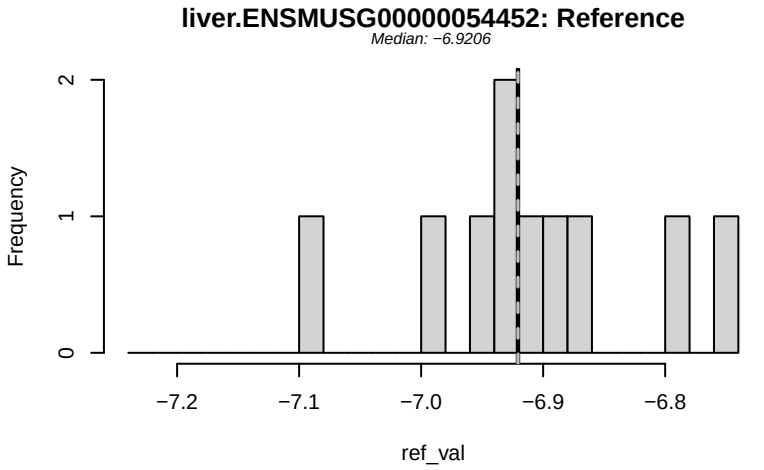

liver.ENSMUSG00000005610: Experimental
Median: −6.7933
p−val: 0.0958
Frequency
exp_val

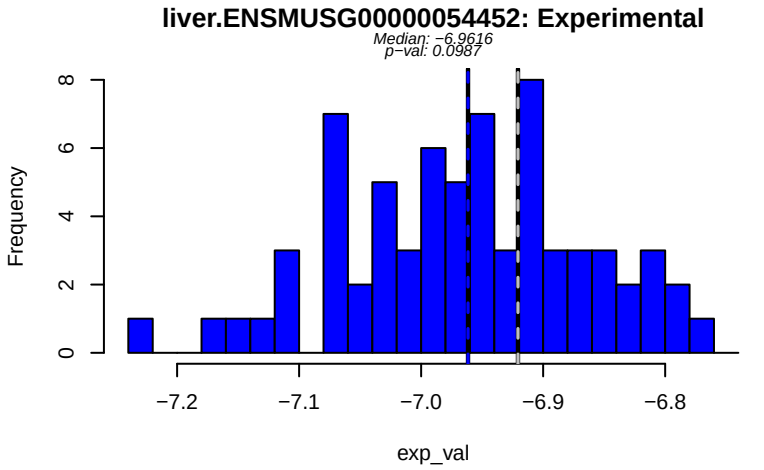

liver.ENSMUSG00000064357: Reference
Median: −5.7923
Frequency
ref_val

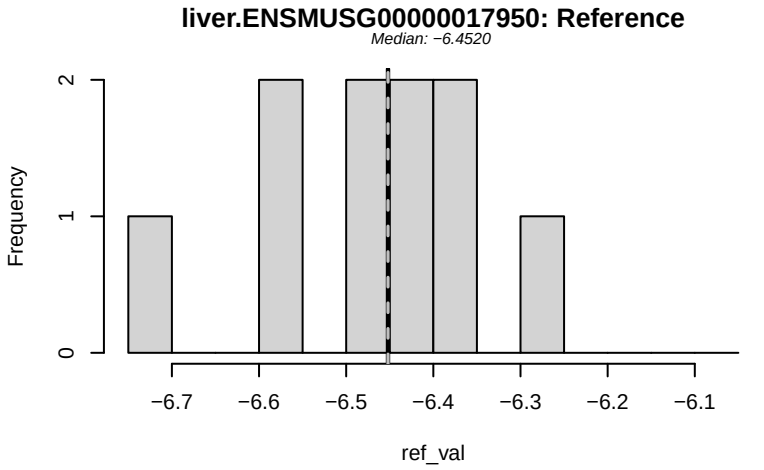

liver.ENSMUSG00000064357: Experimental
Median: −5.9440
p−val: 0.0958
Frequency
exp_val

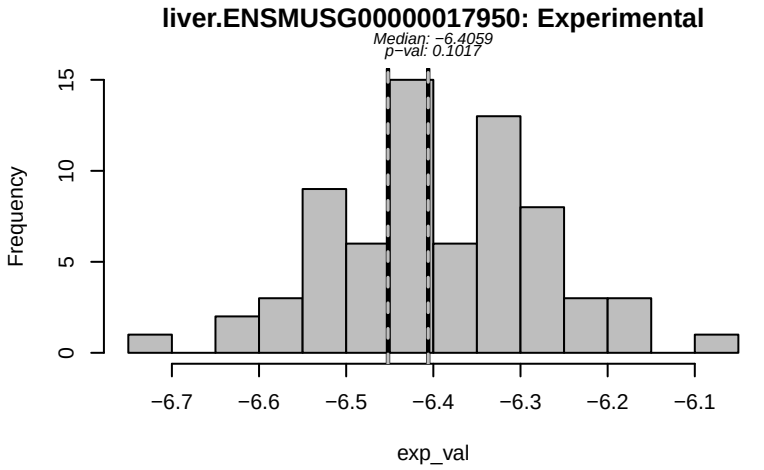

liver.ENSMUSG00000028399: Reference
Median: −7.0234
Frequency
ref_val

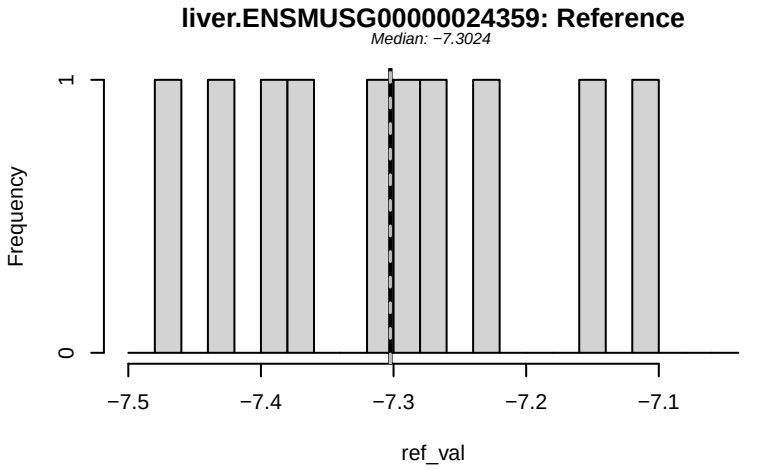

liver.ENSMUSG00000028399: Experimental
Median: −6.9863
p−val: 0.0987
Frequency
exp_val

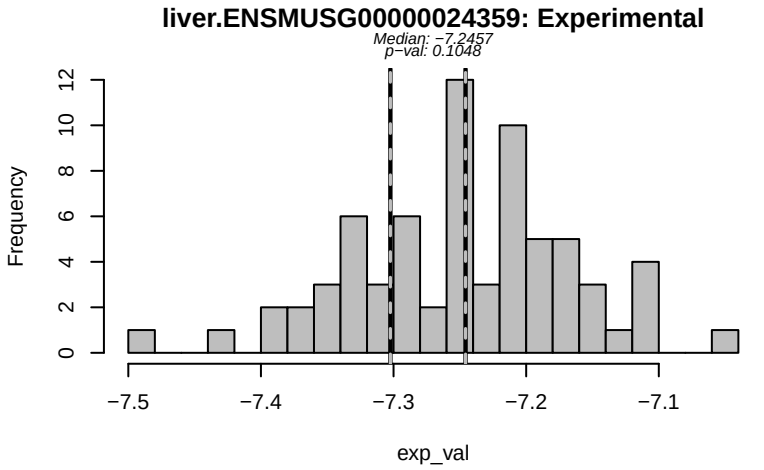

liver.ENSMUSG00000054452: Reference
Median: −6.9206
Frequency
ref_val

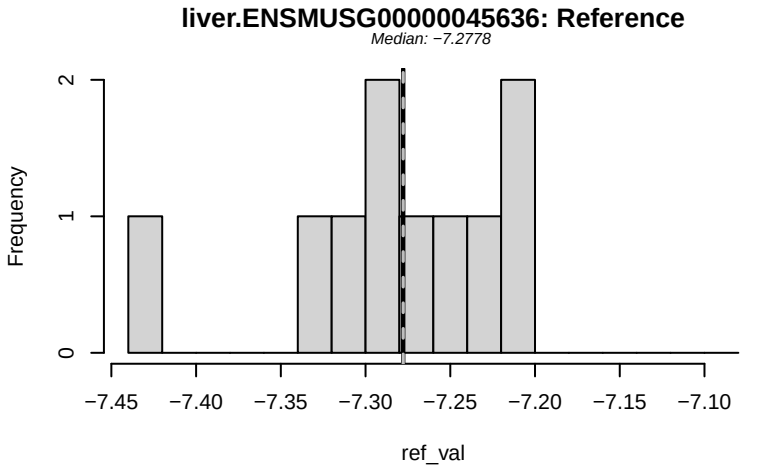

liver.ENSMUSG00000054452: Experimental
Median: −6.9616
p−val: 0.0987
Frequency
exp_val

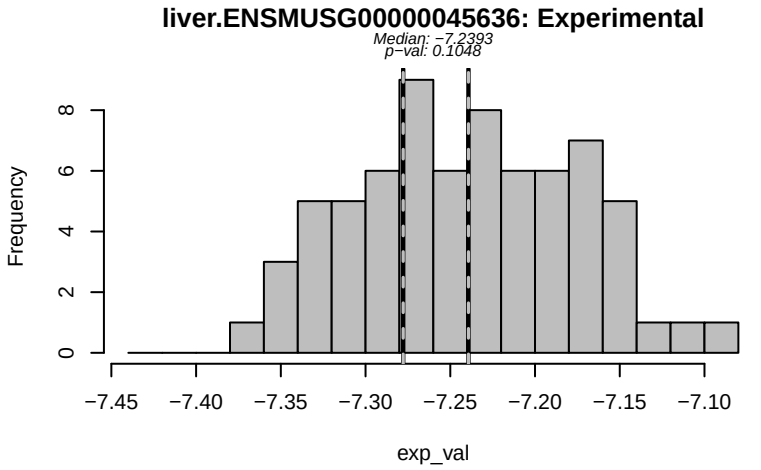

liver.ENSMUSG00000017950: Reference
Median: −6.4520
Frequency
ref_val

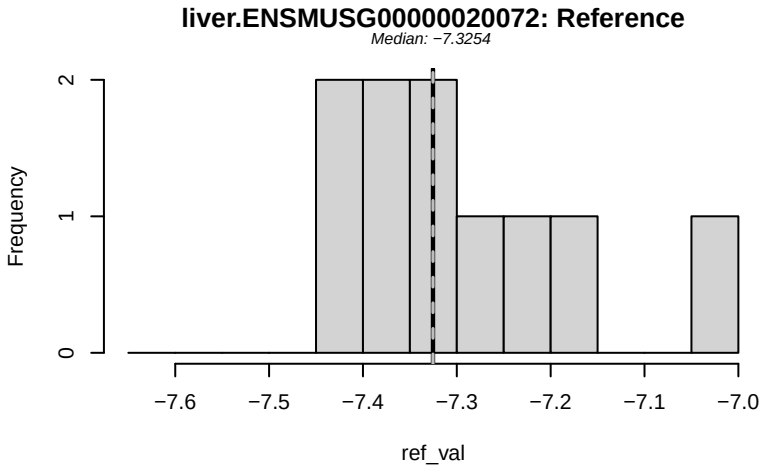

liver.ENSMUSG00000017950: Experimental
Median: −6.4059
p−val: 0.1017
Frequency
exp_val

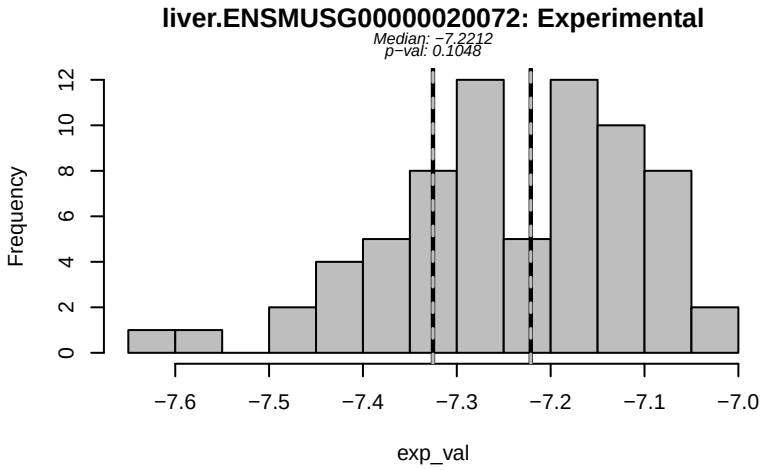

liver.ENSMUSG00000024359: Reference
Median: −7.3024
Frequency
ref_val

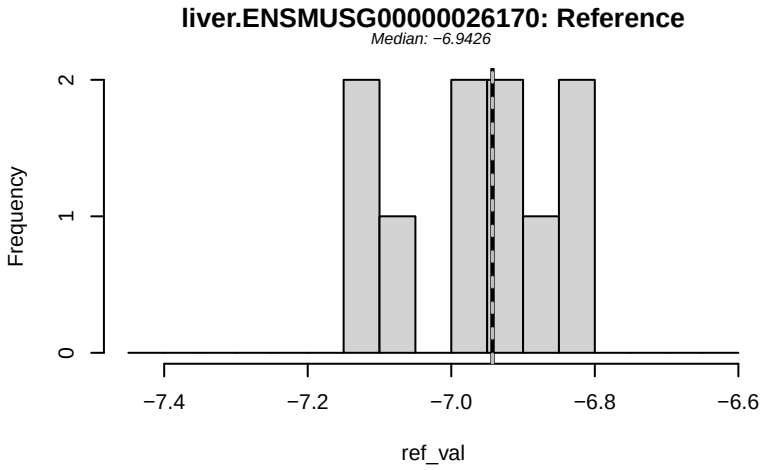

liver.ENSMUSG00000024359: Experimental
Median: −7.2457
p−val: 0.1048
Frequency
exp_val

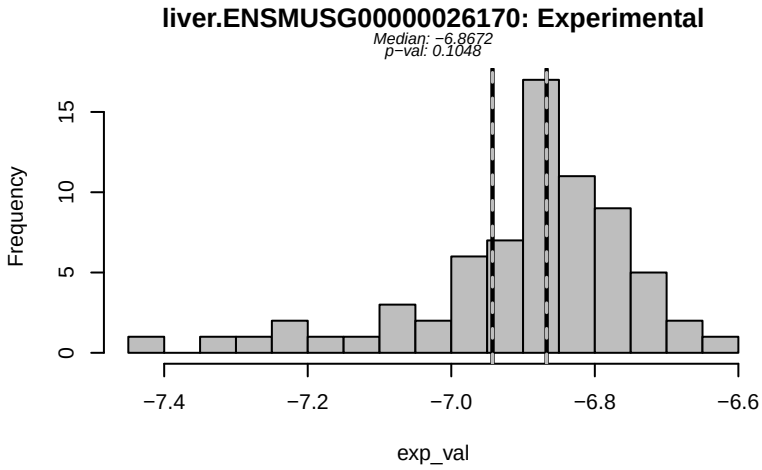

liver.ENSMUSG00000045636: Reference
Median: −7.2778
Frequency
ref_val

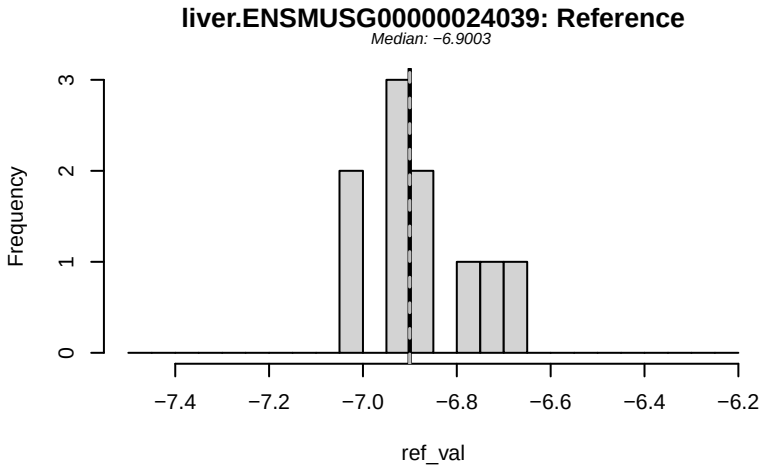

liver.ENSMUSG00000045636: Experimental
Median: −7.2393
p−val: 0.1048
Frequency
exp_val

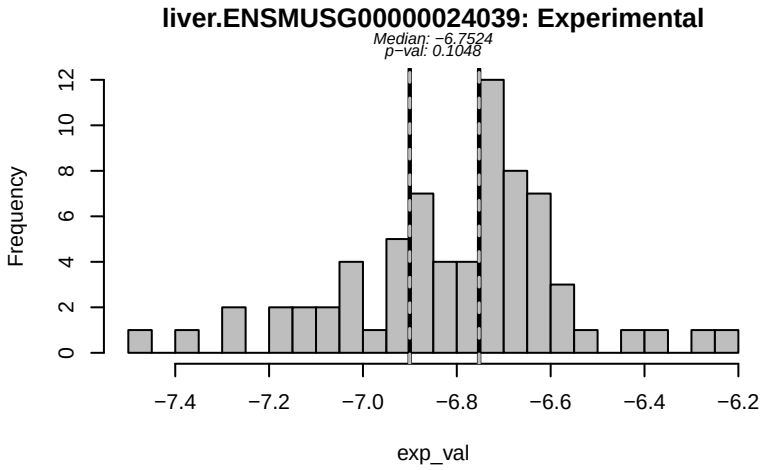

liver.ENSMUSG00000020072: Reference
Median: −7.3254
Frequency
ref_val

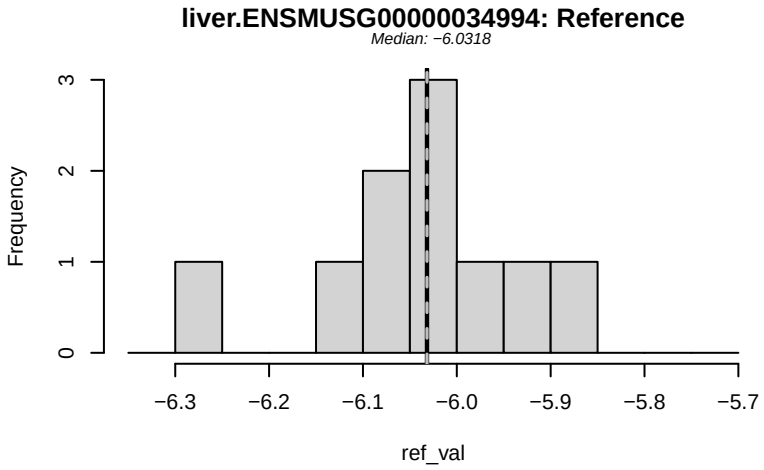

liver.ENSMUSG00000020072: Experimental
Median: −7.2212
p−val: 0.1048
Frequency
exp_val

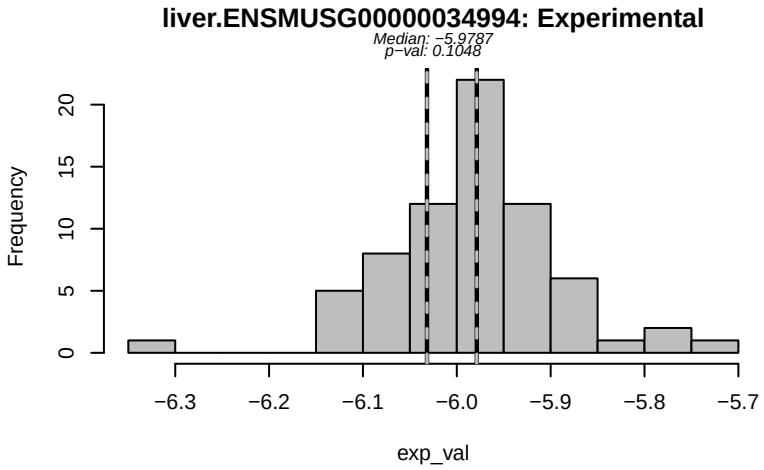

liver.ENSMUSG00000026170: Reference
Median: −6.9426
Frequency
ref_val

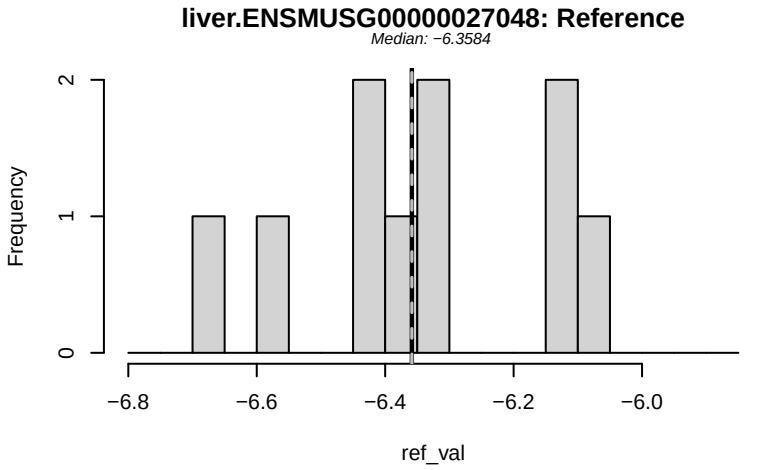

liver.ENSMUSG00000026170: Experimental
Median: −6.8672
p−val: 0.1048
Frequency
exp_val

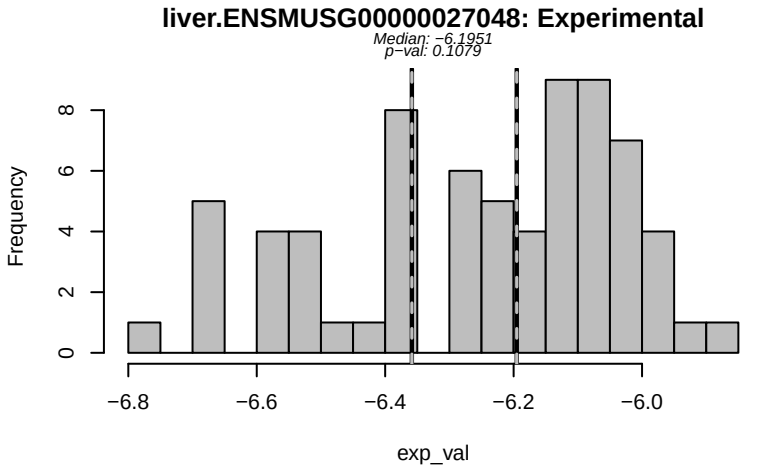

liver.ENSMUSG00000024039: Reference
Median: −6.9003
Frequency
ref_val

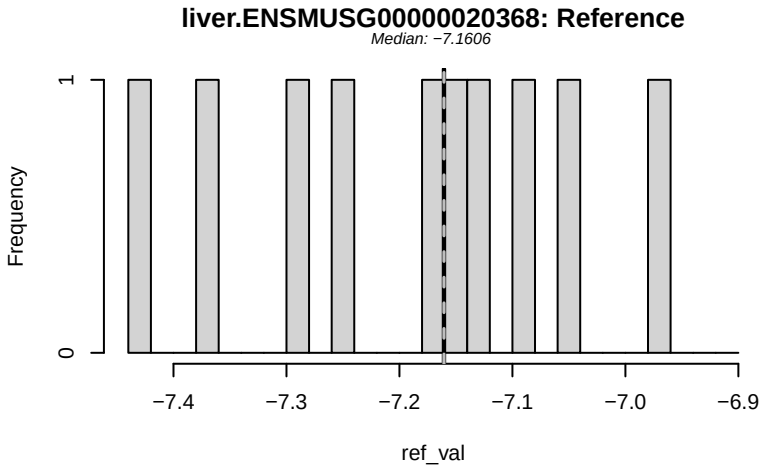

liver.ENSMUSG00000024039: Experimental
Median: −6.7524
p−val: 0.1048
Frequency
exp_val

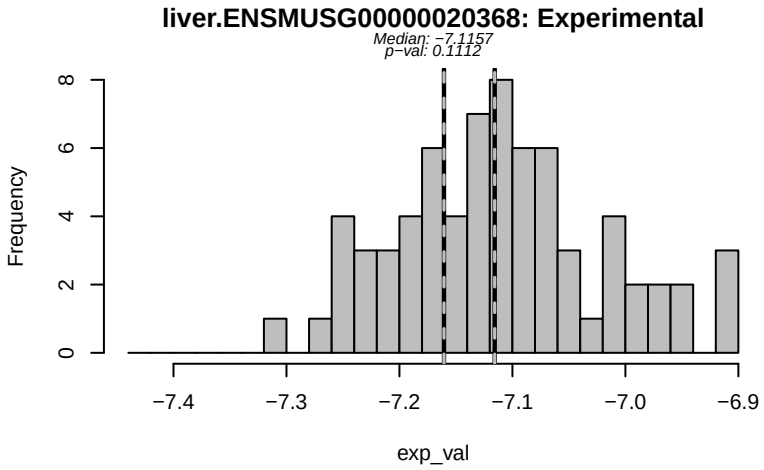

liver.ENSMUSG00000034994: Reference
Median: −6.0318
Frequency
ref_val

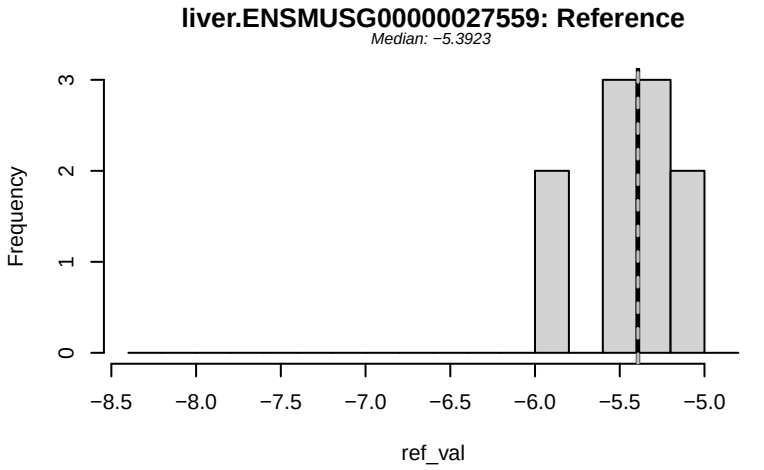

liver.ENSMUSG00000034994: Experimental
Median: −5.9787
p−val: 0.1048
Frequency
exp_val

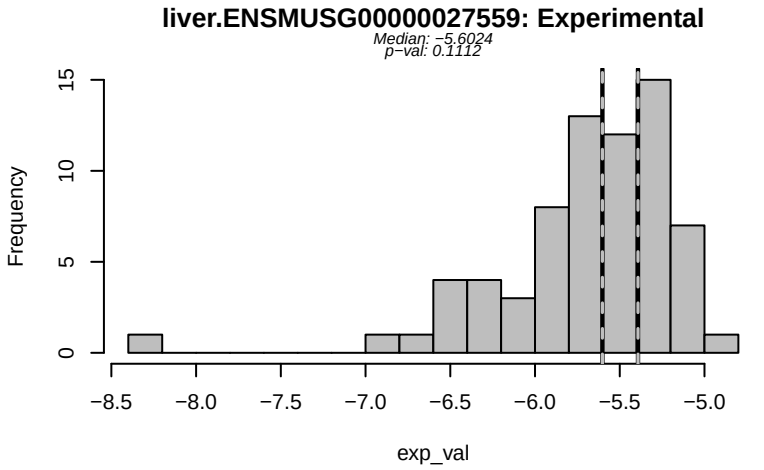

liver.ENSMUSG00000027048: Reference
Median: −6.3584
Frequency
ref_val

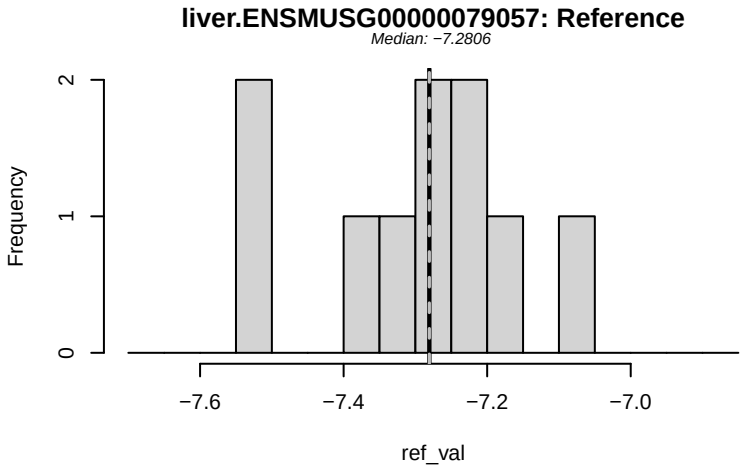

liver.ENSMUSG00000027048: Experimental
Median: −6.1951
p−val: 0.1079
Frequency
exp_val

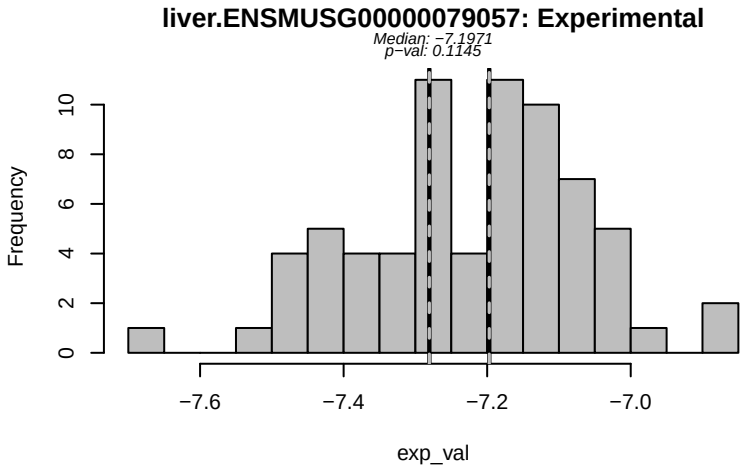

liver.ENSMUSG00000020368: Reference
Median: −7.1606
Frequency
ref_val

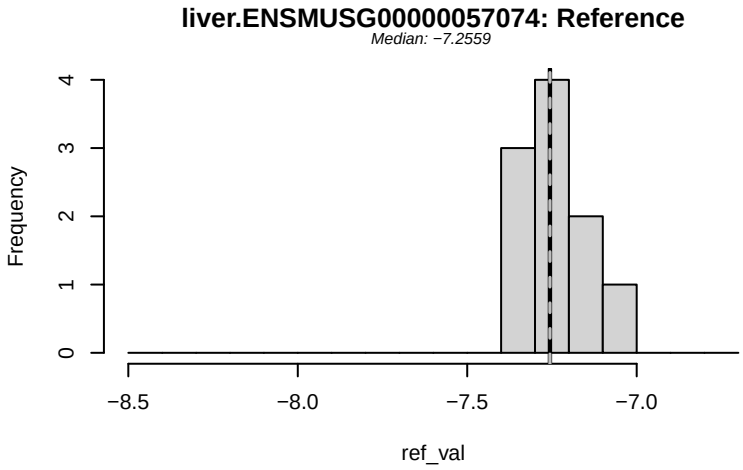

liver.ENSMUSG00000020368: Experimental
Median: −7.1157
p−val: 0.1112
Frequency
exp_val

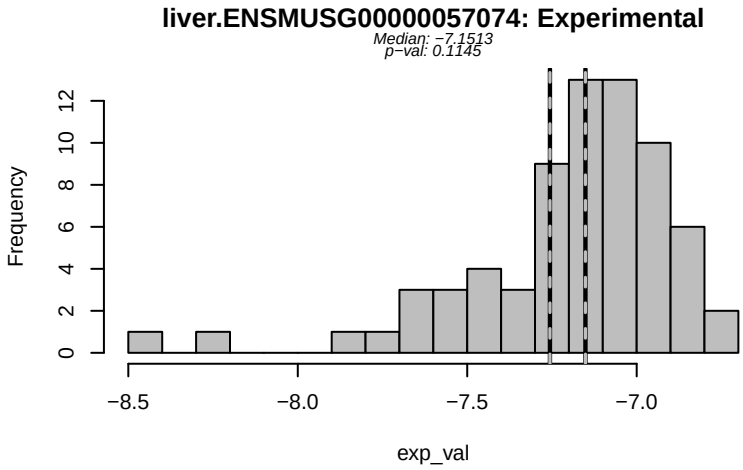

liver.ENSMUSG00000027559: Reference
Median: −5.3923
Frequency
ref_val

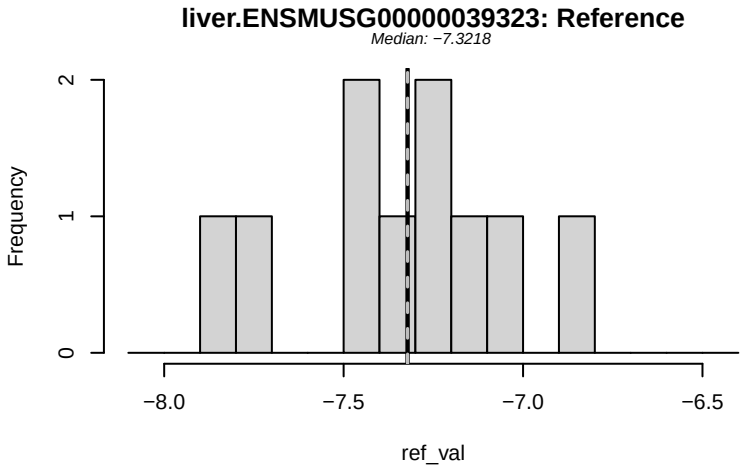

liver.ENSMUSG00000027559: Experimental
Median: −5.6024
p−val: 0.1112
Frequency
exp_val

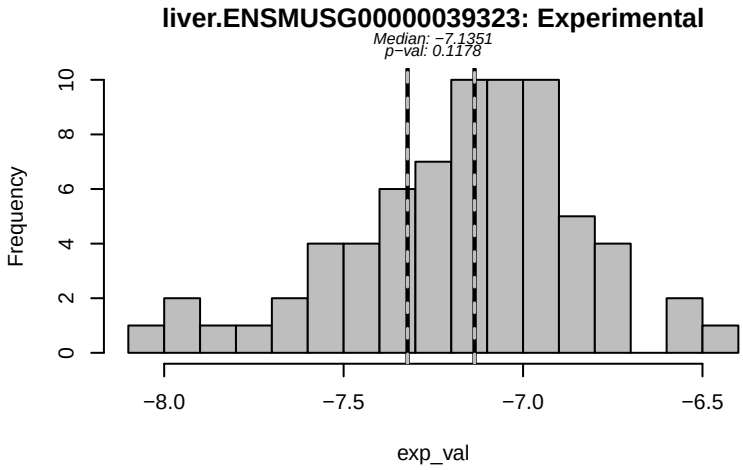

liver.ENSMUSG00000079057: Reference
Median: −7.2806
Frequency
ref_val

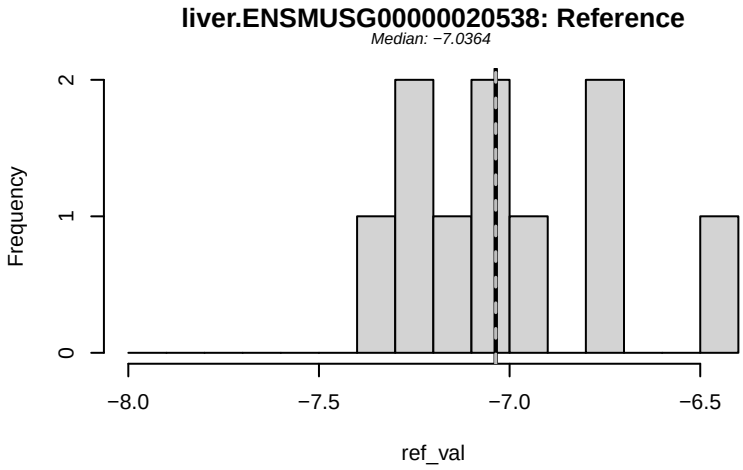

liver.ENSMUSG00000079057: Experimental
Median: −7.1971
p−val: 0.1145
Frequency
exp_val

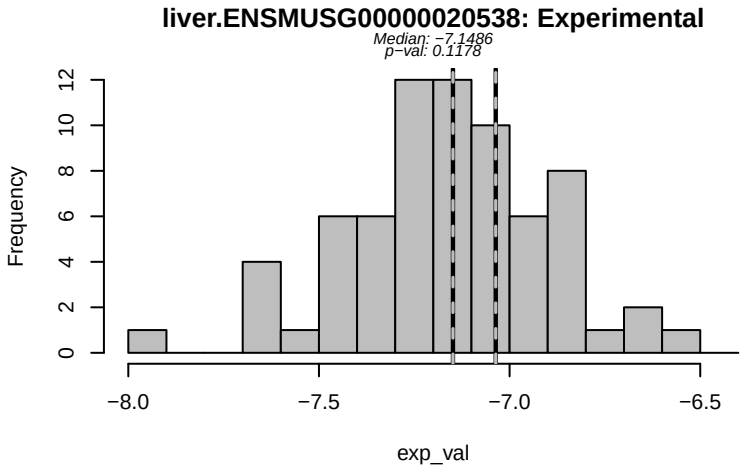

liver.ENSMUSG00000057074: Reference
Median: −7.2559
Frequency
ref_val

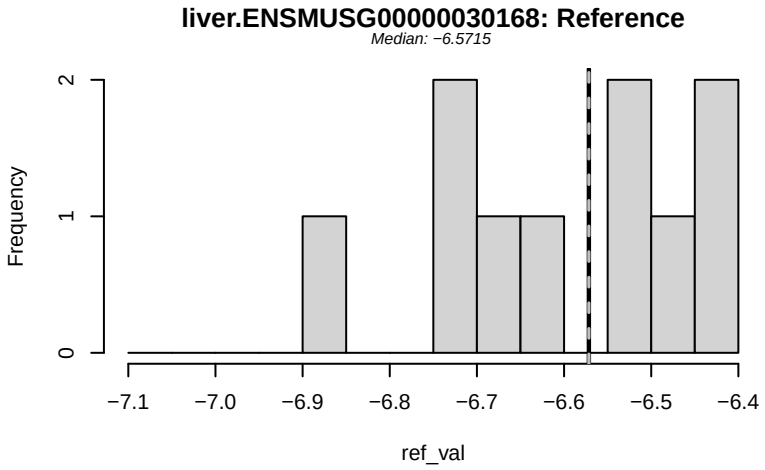

liver.ENSMUSG00000057074: Experimental
Median: −7.1513
p−val: 0.1145
Frequency
exp_val

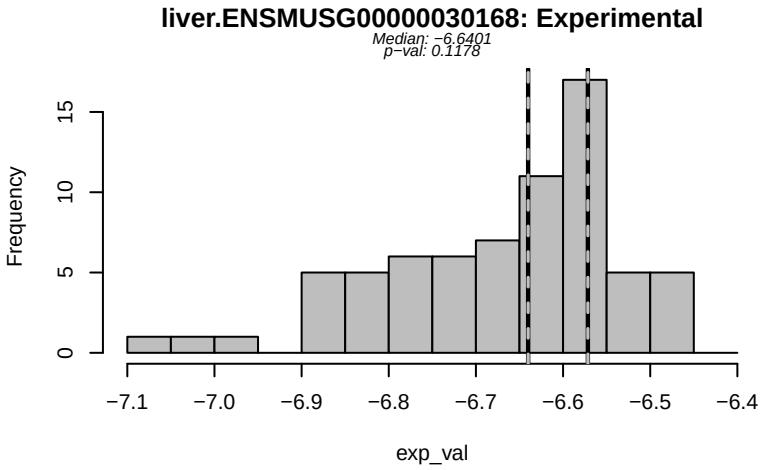

liver.ENSMUSG00000039323: Reference
Median: −7.3218
Frequency
ref_val

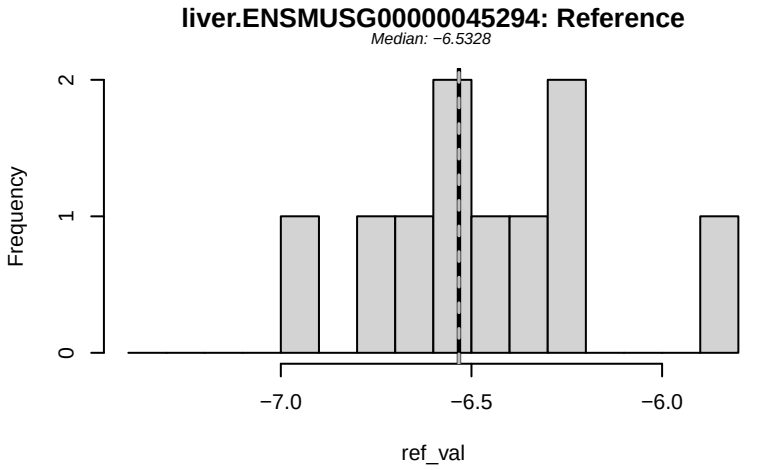

liver.ENSMUSG00000039323: Experimental
Median: −7.1351
p−val: 0.1178
Frequency
exp_val

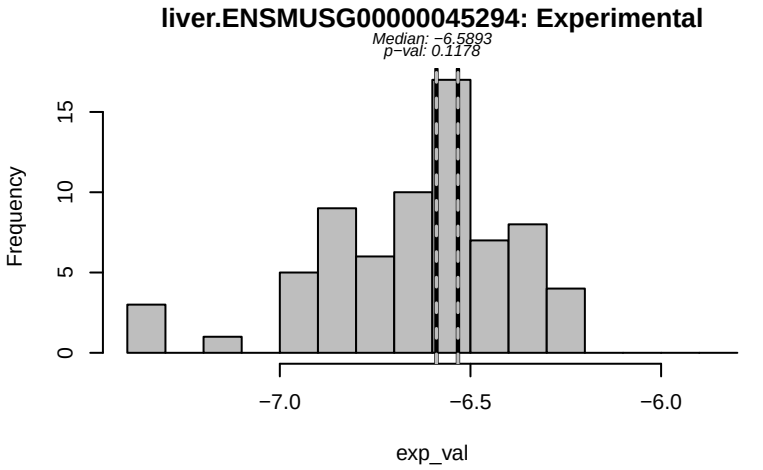

liver.ENSMUSG00000020538: Reference
Median: −7.0364
Frequency
ref_val

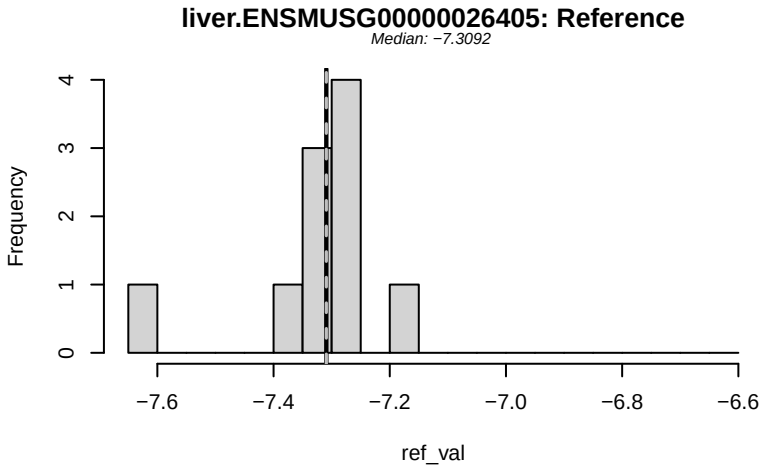

liver.ENSMUSG00000020538: Experimental
Median: −7.1486
p−val: 0.1178
Frequency
exp_val

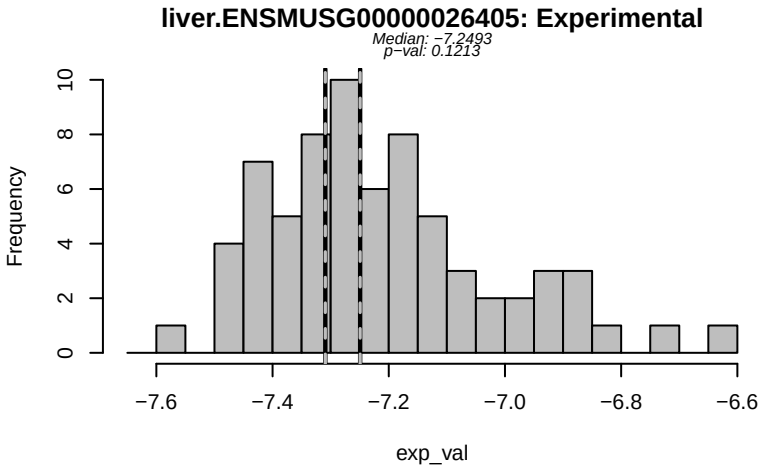

liver.ENSMUSG00000030168: Reference
Median: −6.5715
Frequency
ref_val

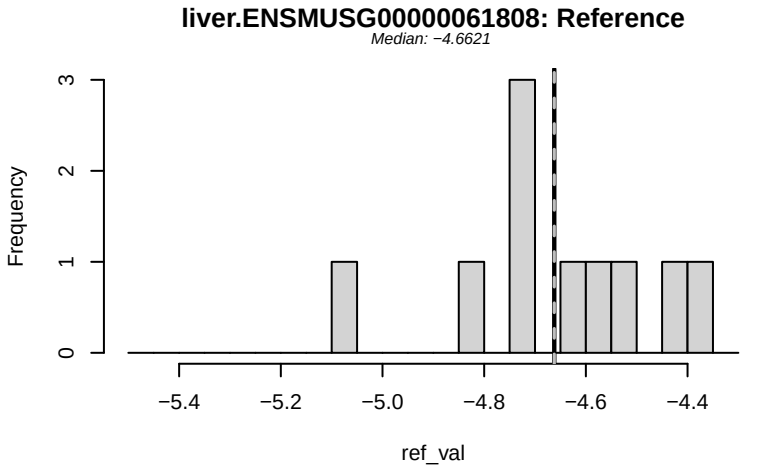

liver.ENSMUSG00000030168: Experimental
Median: −6.6401
p−val: 0.1178
Frequency
exp_val

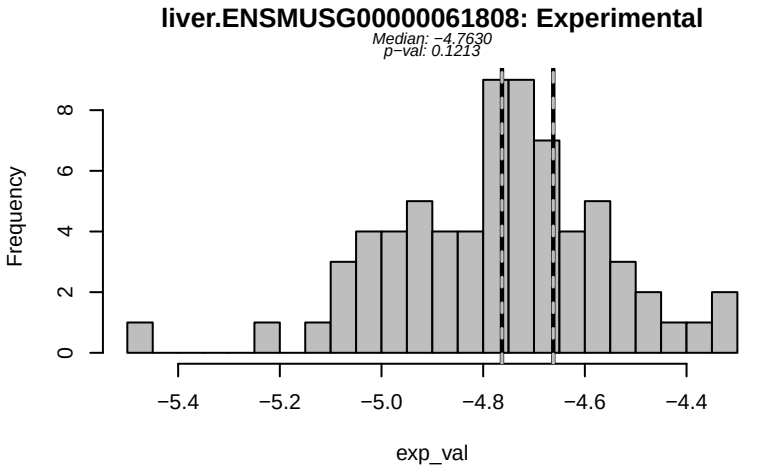

liver.ENSMUSG00000045294: Reference
Median: −6.5328
Frequency
ref_val

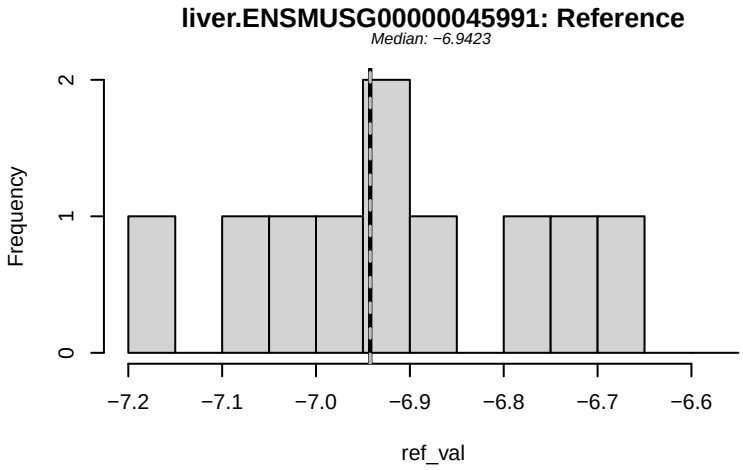

liver.ENSMUSG00000045294: Experimental
Median: −6.5893
p−val: 0.1178
Frequency
exp_val

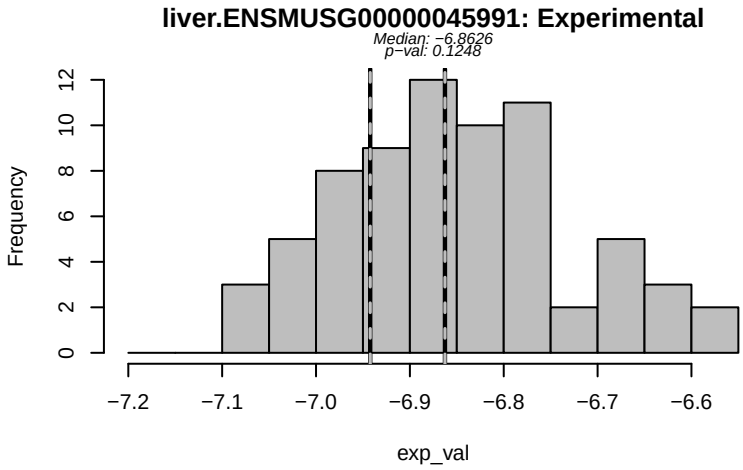

liver.ENSMUSG00000026405: Reference
Median: −7.3092
Frequency
ref_val

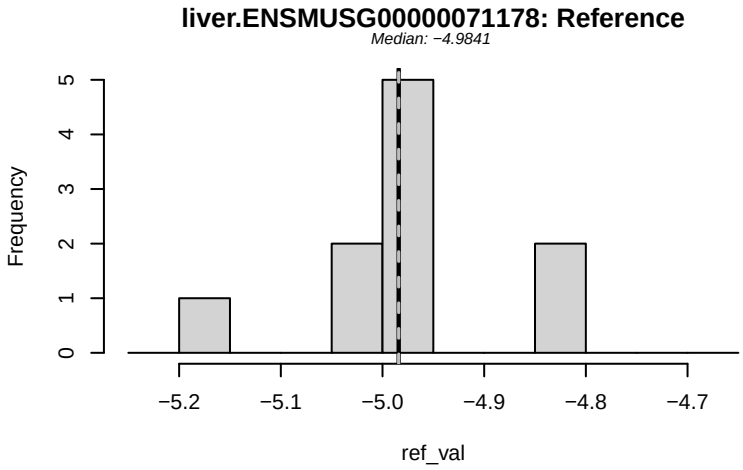

liver.ENSMUSG00000026405: Experimental
Median: −7.2493
p−val: 0.1213
Frequency
exp_val

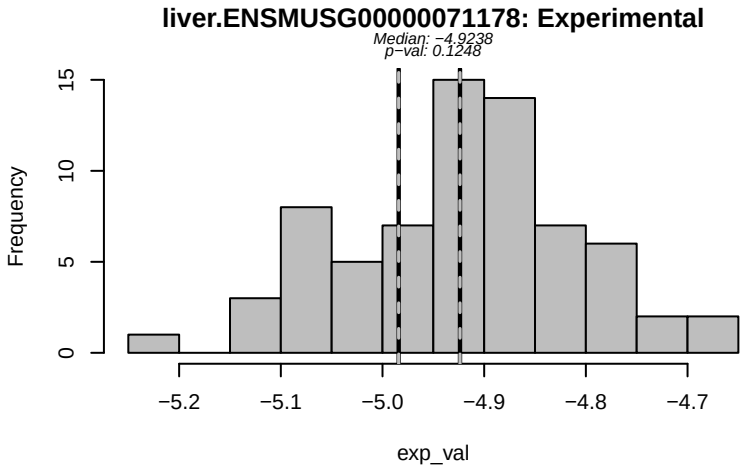

liver.ENSMUSG00000061808: Reference
Median: −4.6621
Frequency
ref_val

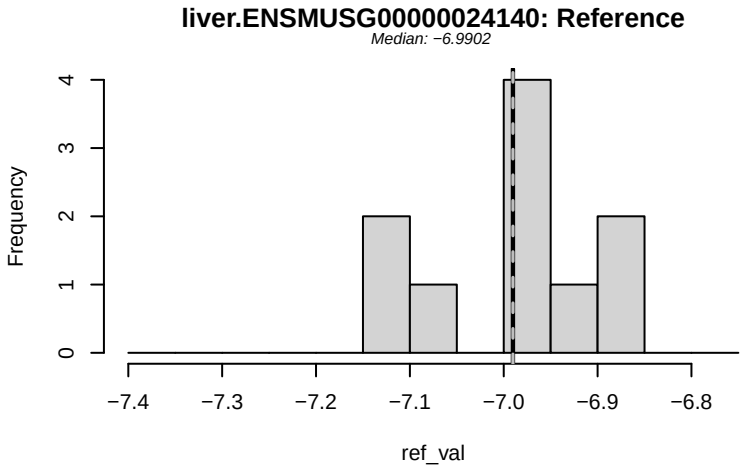

liver.ENSMUSG00000061808: Experimental
Median: −4.7630
p−val: 0.1213
Frequency
exp_val

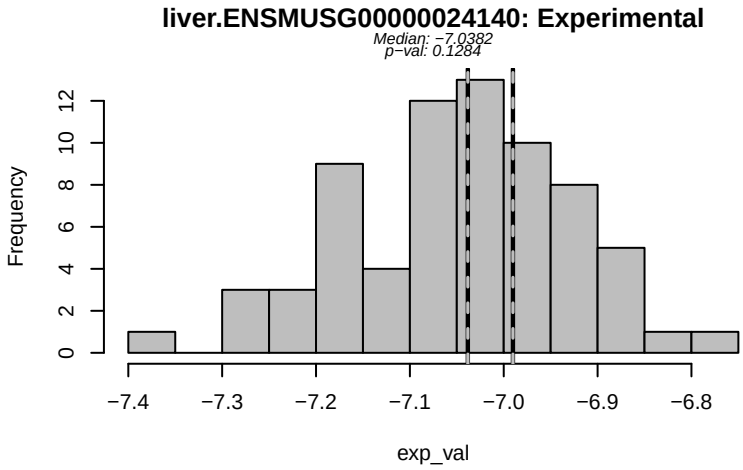

liver.ENSMUSG00000045991: Reference
Median: −6.9423
Frequency
ref_val

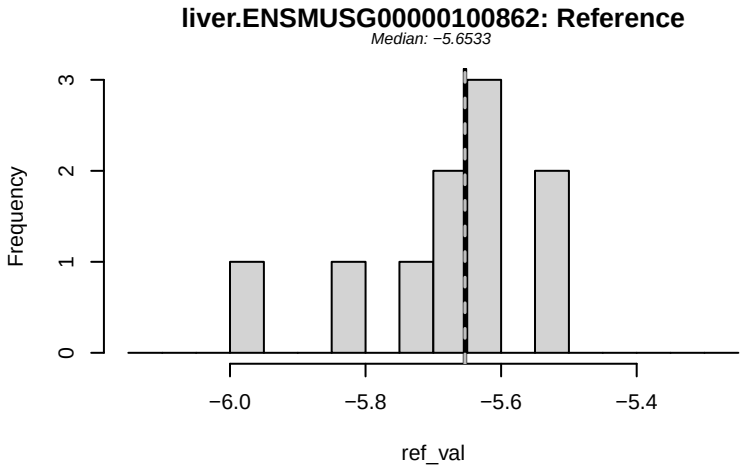

liver.ENSMUSG00000045991: Experimental
Median: −6.8626
p−val: 0.1248
Frequency
exp_val

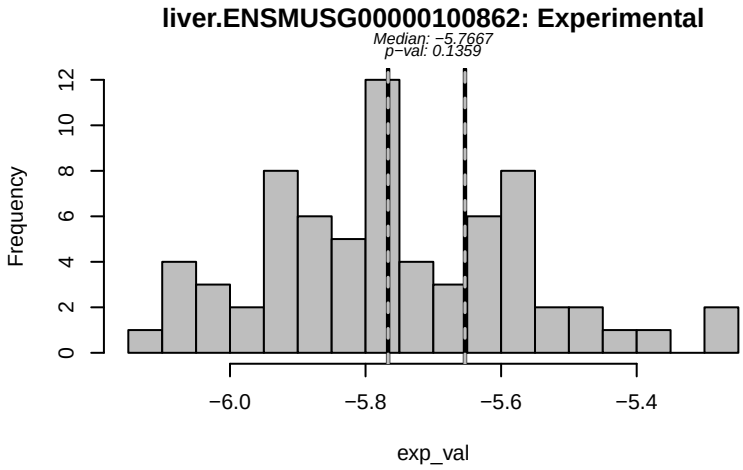

liver.ENSMUSG00000071178: Reference
Median: −4.9841
Frequency
ref_val

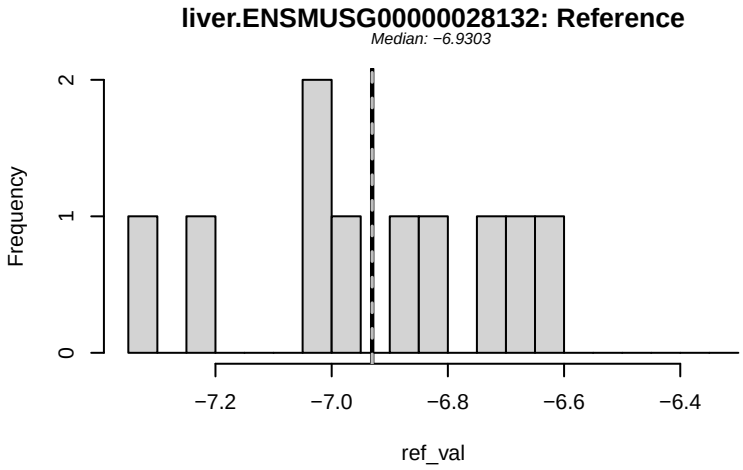

liver.ENSMUSG00000071178: Experimental
Median: −4.9238
p−val: 0.1248
Frequency
exp_val

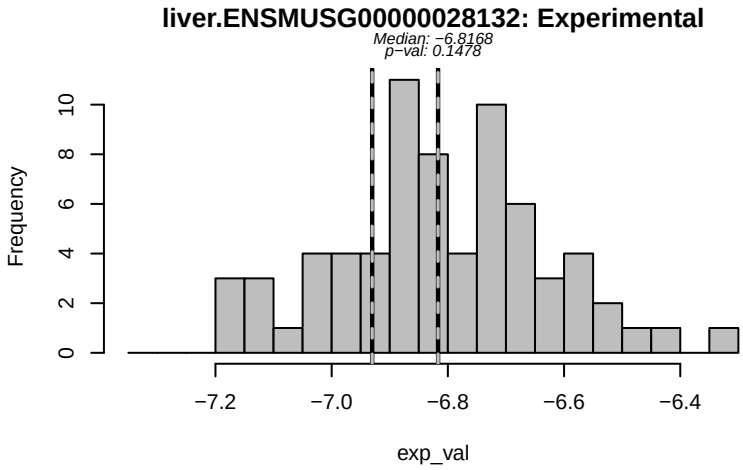

liver.ENSMUSG00000024140: Reference
Median: −6.9902
Frequency
ref_val

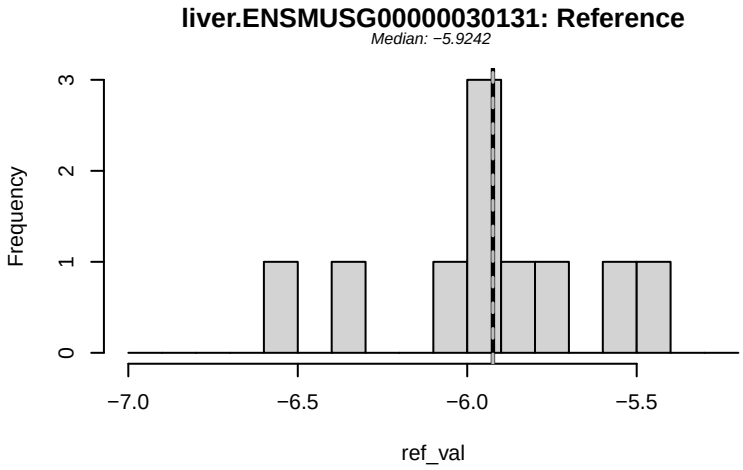

liver.ENSMUSG00000024140: Experimental
Median: −7.0382
p−val: 0.1284
Frequency
exp_val

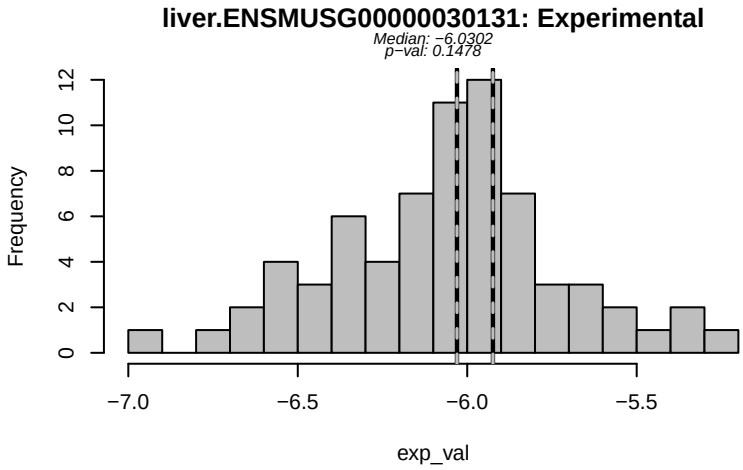

liver.ENSMUSG00000100862: Reference
Median: −5.6533
Frequency
ref_val

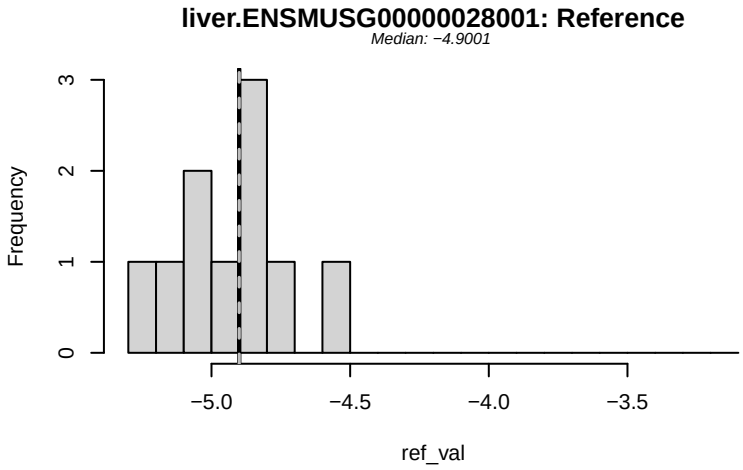

liver.ENSMUSG00000100862: Experimental
Median: −5.7667
p−val: 0.1359
Frequency
exp_val

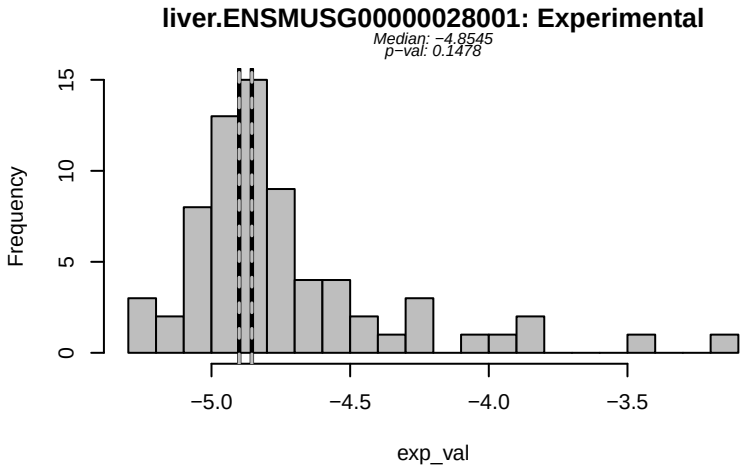

liver.ENSMUSG00000028132: Reference
Median: −6.9303
Frequency
ref_val

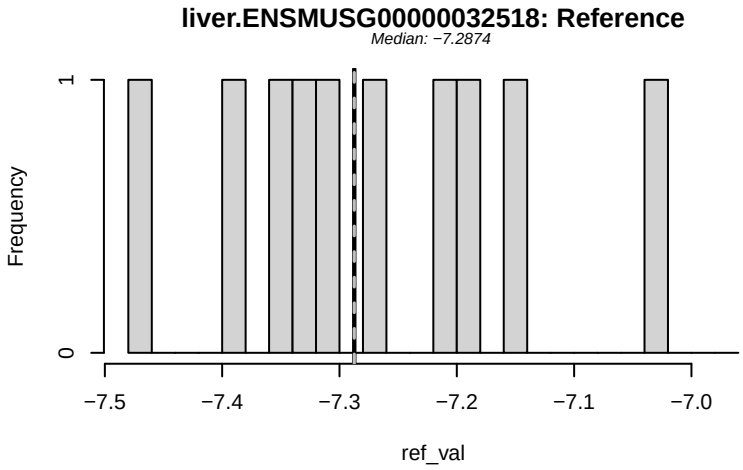

liver.ENSMUSG00000028132: Experimental
Median: −6.8168
p−val: 0.1478
Frequency
exp_val

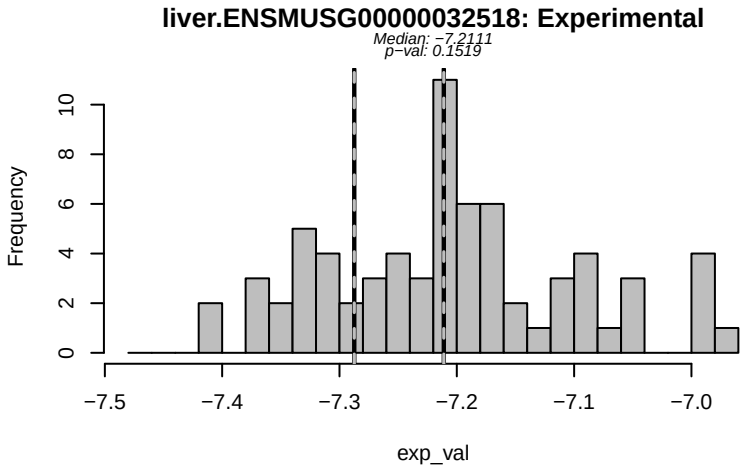

liver.ENSMUSG00000030131: Reference
Median: −5.9242
Frequency
ref_val

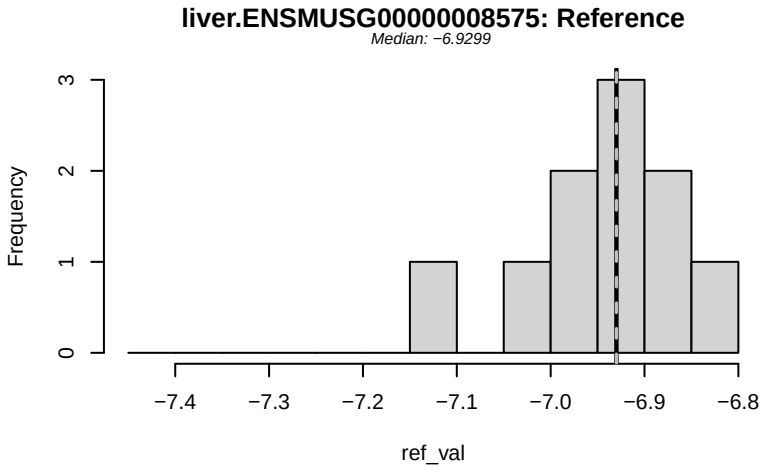

liver.ENSMUSG00000030131: Experimental
Median: −6.0302
p−val: 0.1478
Frequency
exp_val

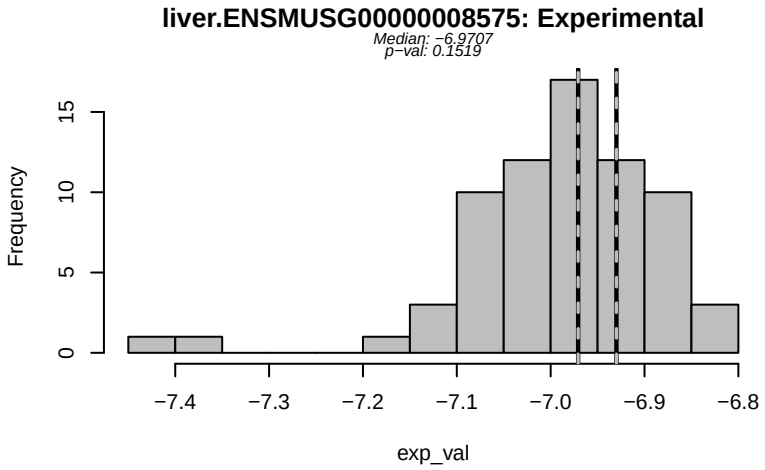

liver.ENSMUSG00000028001: Reference
Median: −4.9001
Frequency
ref_val

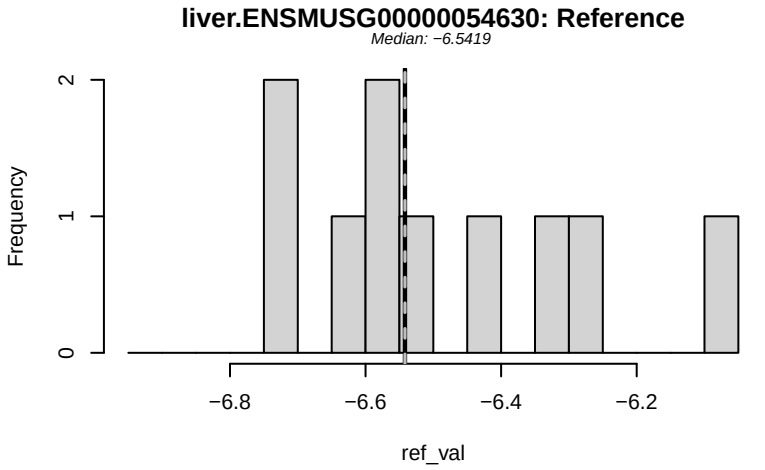

liver.ENSMUSG00000028001: Experimental
Median: −4.8545
p−val: 0.1478
Frequency
exp_val

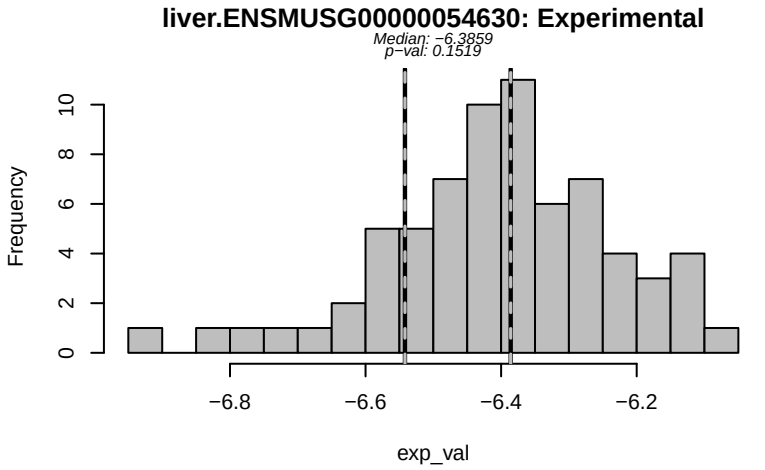

liver.ENSMUSG00000032518: Reference
Median: −7.2874
Frequency
ref_val

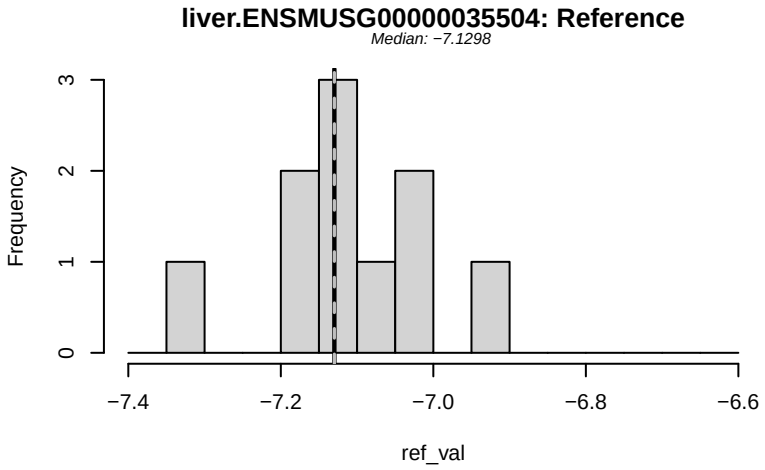

liver.ENSMUSG00000032518: Experimental
Median: −7.2111
p−val: 0.1519
Frequency
exp_val

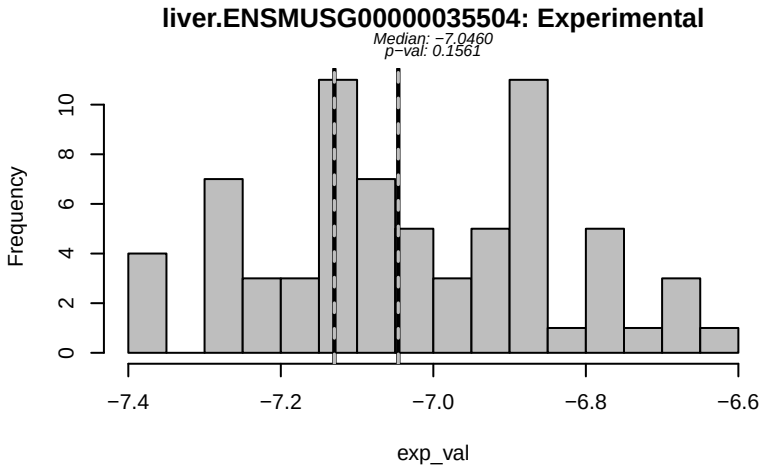

liver.ENSMUSG00000008575: Reference
Median: −6.9299
Frequency
ref_val

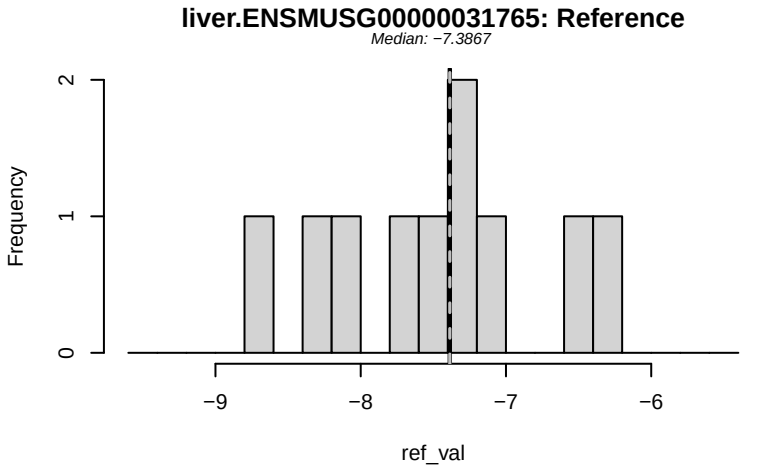

liver.ENSMUSG00000008575: Experimental
Median: −6.9707
p−val: 0.1519
Frequency
exp_val

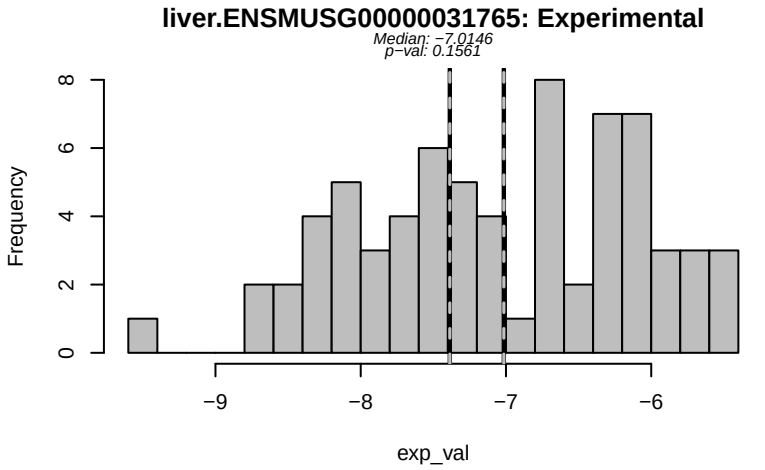

liver.ENSMUSG00000054630: Reference
Median: −6.5419
Frequency
ref_val

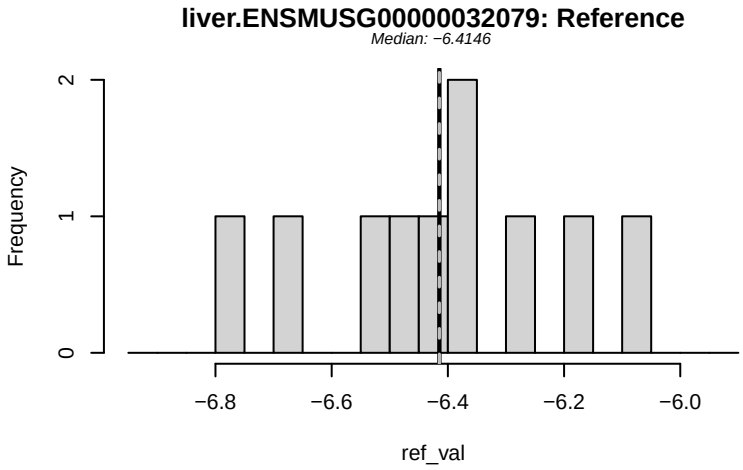

liver.ENSMUSG00000054630: Experimental
Median: −6.3859
p−val: 0.1519
Frequency
exp_val

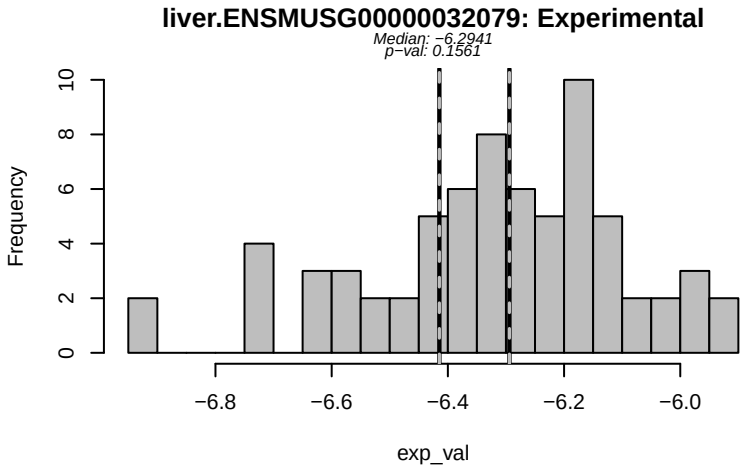

liver.ENSMUSG00000035504: Reference
Median: −7.1298
Frequency
ref_val

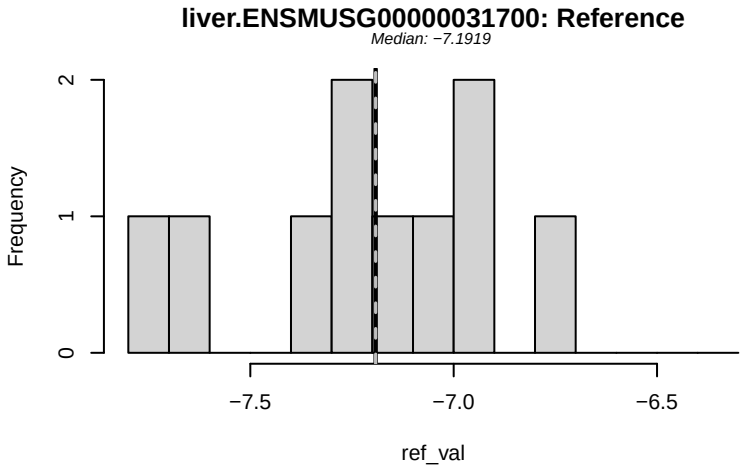

liver.ENSMUSG00000035504: Experimental
Median: −7.0460
p−val: 0.1561
Frequency
exp_val

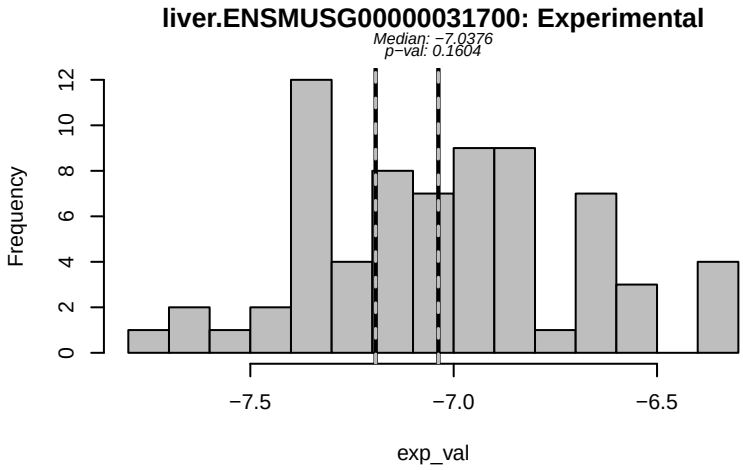

liver.ENSMUSG00000031765: Reference
Median: −7.3867
Frequency
ref_val

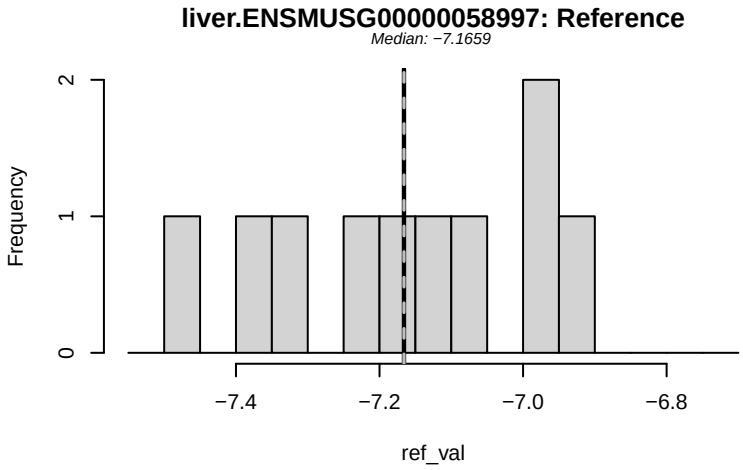

liver.ENSMUSG00000031765: Experimental
Median: −7.0146
p−val: 0.1561
Frequency
exp_val

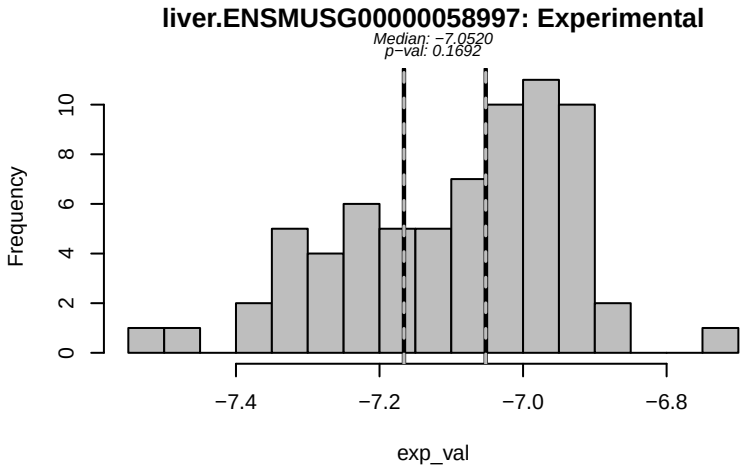

liver.ENSMUSG00000032079: Reference
Median: −6.4146
Frequency
ref_val

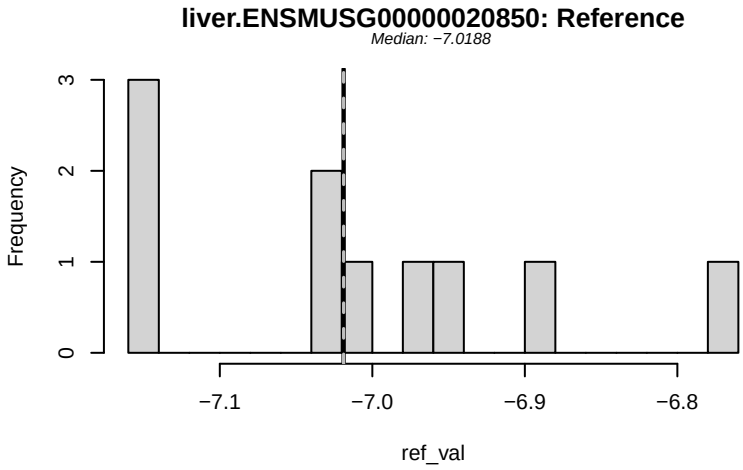

liver.ENSMUSG00000032079: Experimental
Median: −6.2941
p−val: 0.1561
Frequency
exp_val

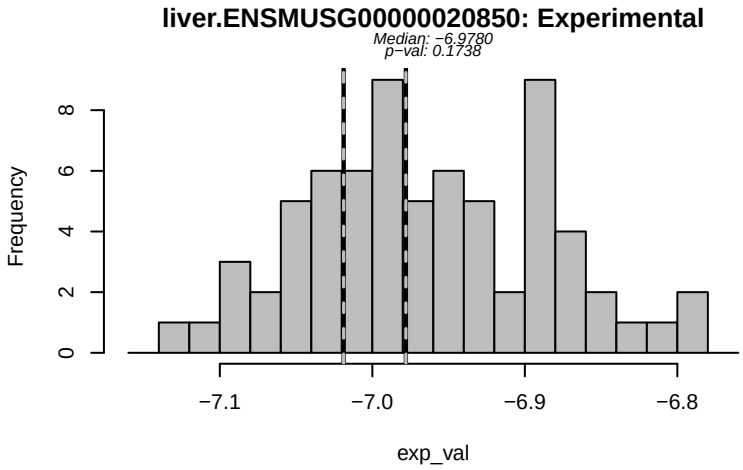

liver.ENSMUSG00000031700: Reference
Median: −7.1919
Frequency
ref_val

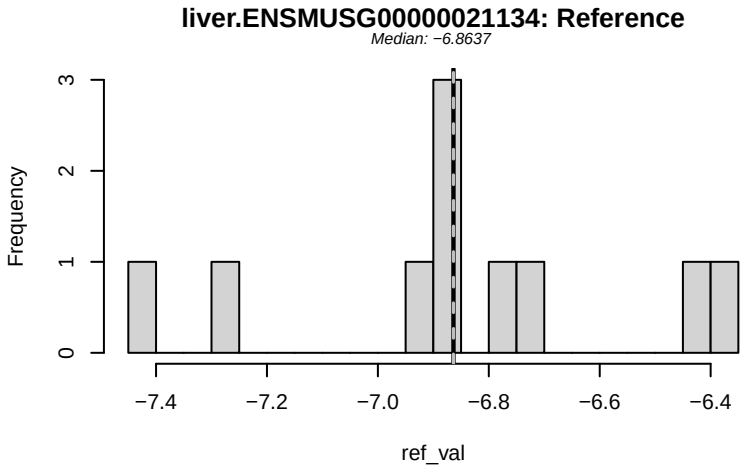

liver.ENSMUSG00000031700: Experimental
Median: −7.0376
p−val: 0.1604
Frequency
exp_val

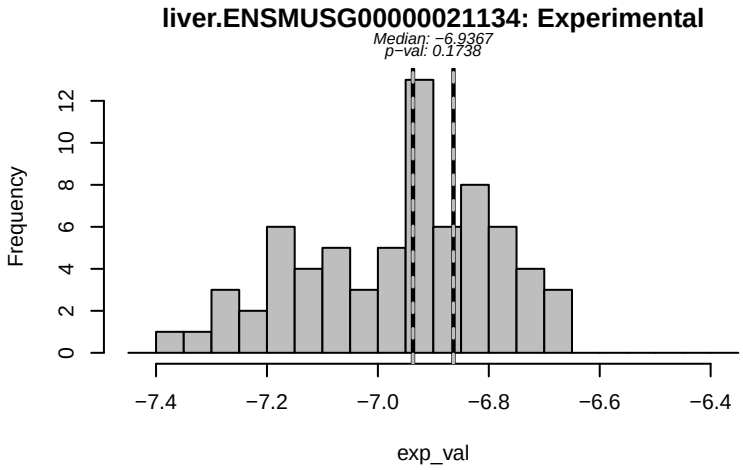

liver.ENSMUSG00000058997: Reference
Median: −7.1659
Frequency
ref_val

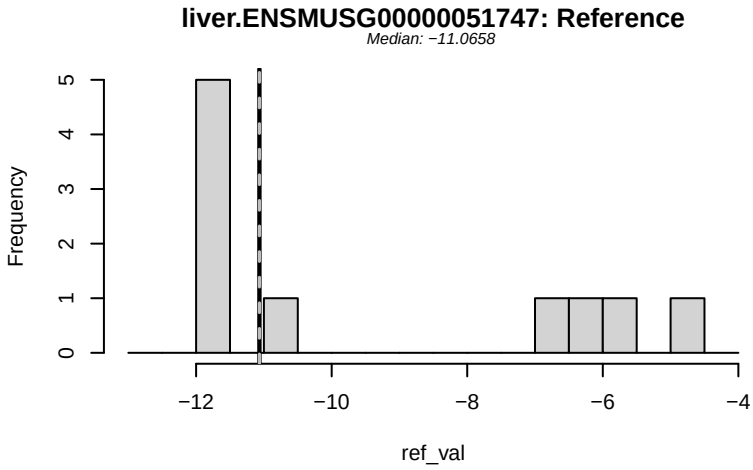

liver.ENSMUSG00000058997: Experimental
Median: −7.0520
p−val: 0.1692
Frequency
exp_val

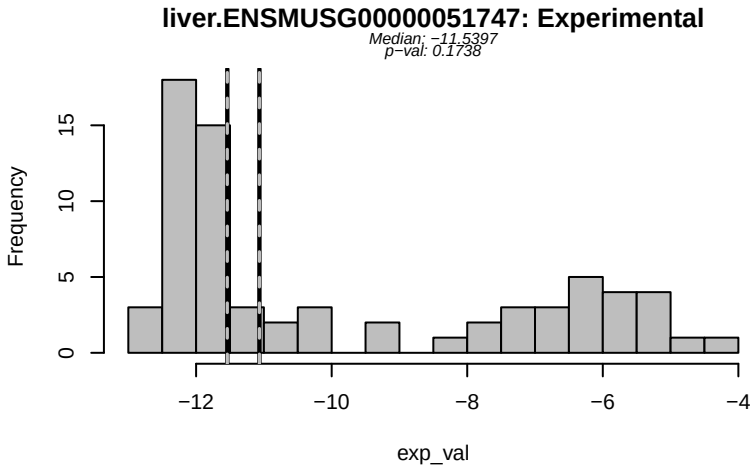

liver.ENSMUSG00000020850: Reference
Median: −7.0188
Frequency
ref_val

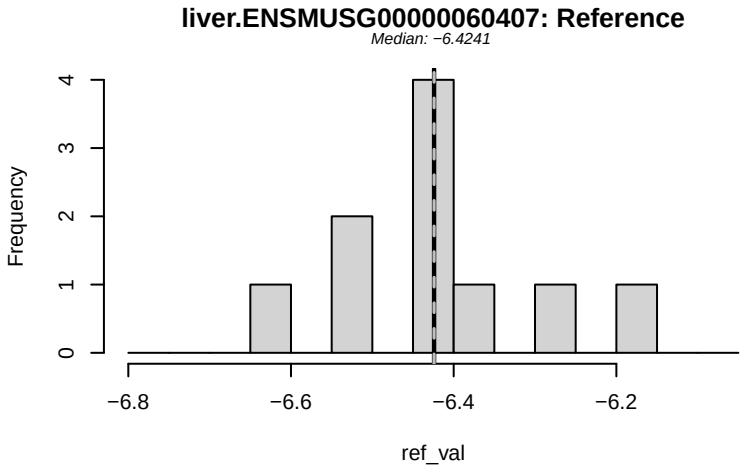

liver.ENSMUSG00000020850: Experimental
Median: −6.9780
p−val: 0.1738
Frequency
exp_val

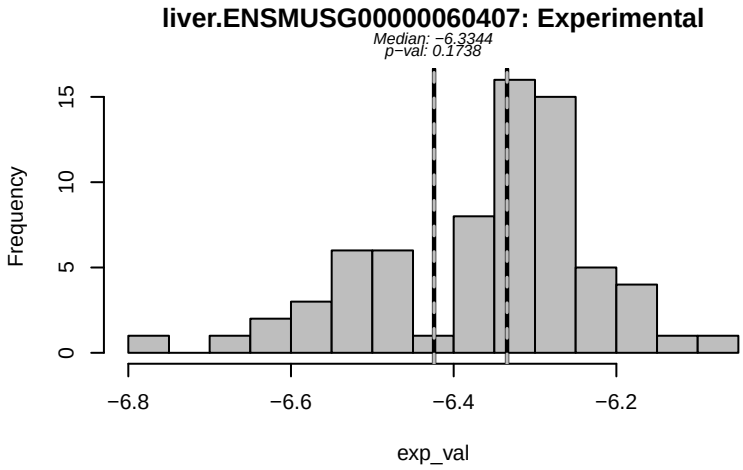

liver.ENSMUSG00000021134: Reference
Median: −6.8637
Frequency
ref_val

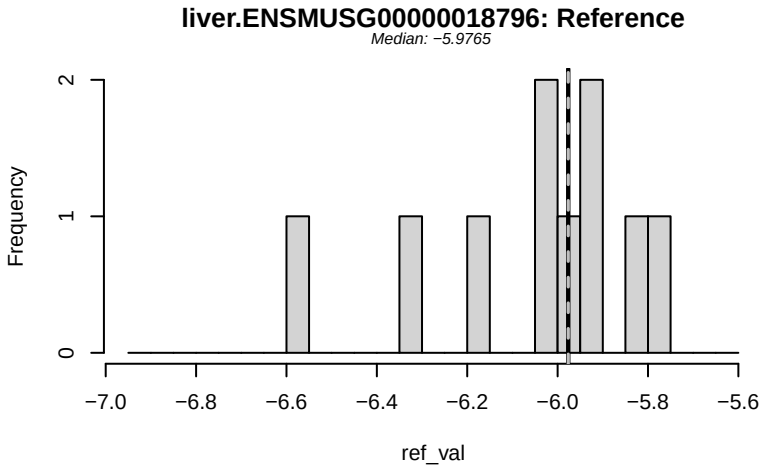

liver.ENSMUSG00000021134: Experimental
Median: −6.9367
p−val: 0.1738
Frequency
exp_val

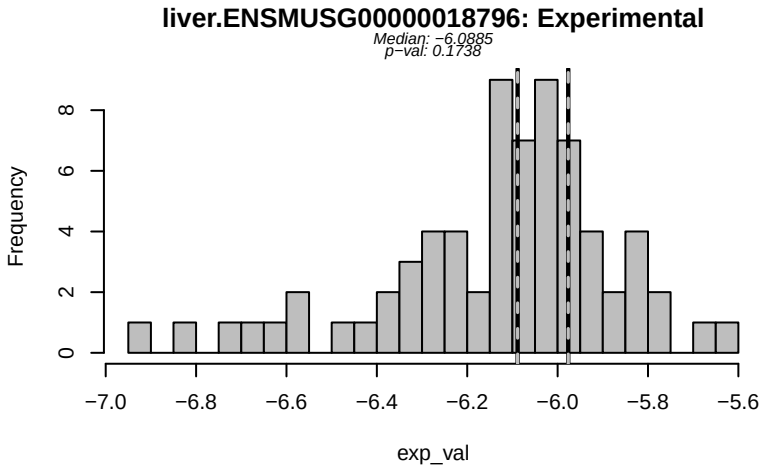

liver.ENSMUSG00000051747: Reference
Median: −11.0658
Frequency
ref_val

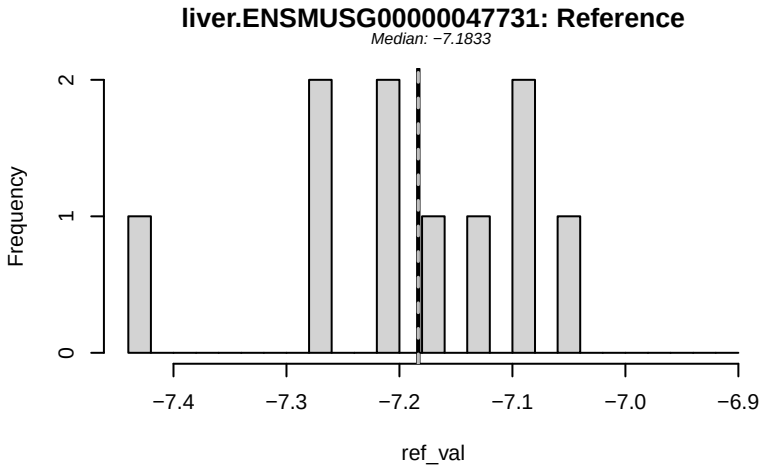

liver.ENSMUSG00000051747: Experimental
Median: −11.5397
p−val: 0.1738
Frequency
exp_val

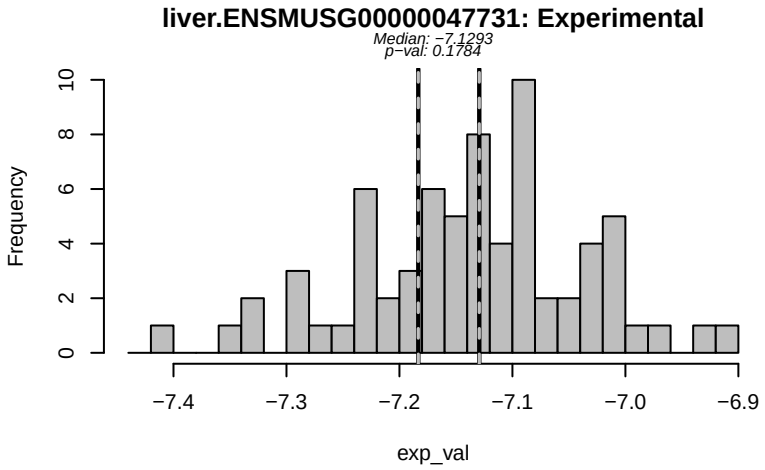

liver.ENSMUSG00000060407: Reference
Median: −6.4241
Frequency
ref_val

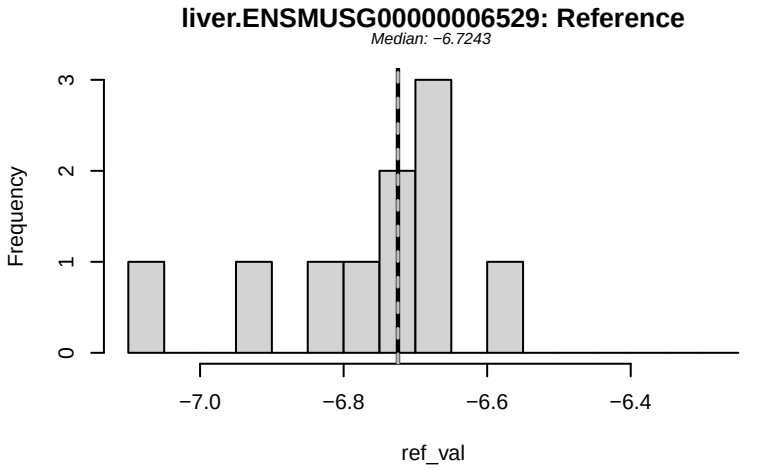

liver.ENSMUSG00000060407: Experimental
Median: −6.3344
p−val: 0.1738
Frequency
exp_val

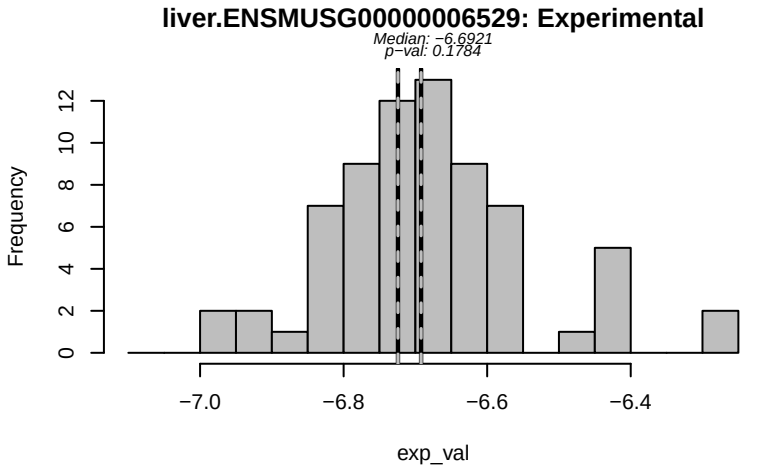

liver.ENSMUSG00000018796: Reference
Median: −5.9765
Frequency
ref_val

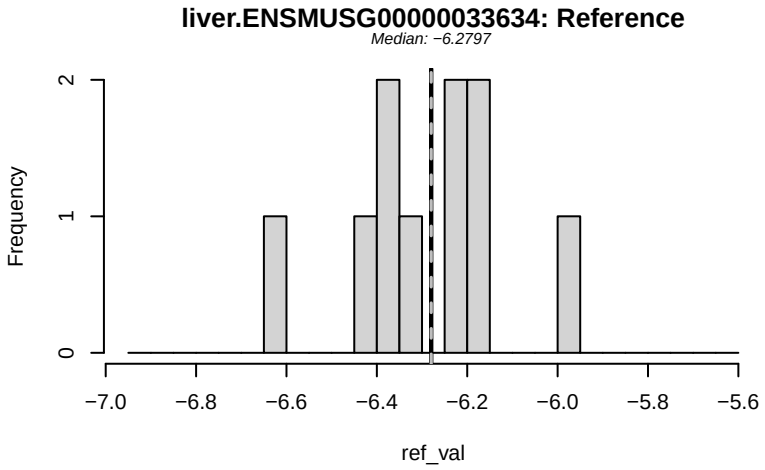

liver.ENSMUSG00000018796: Experimental
Median: −6.0885
p−val: 0.1738
Frequency
exp_val

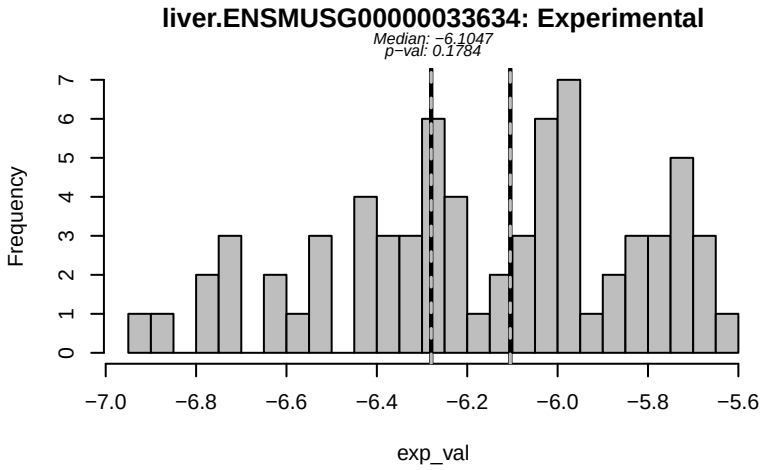

liver.ENSMUSG00000047731: Reference
Median: −7.1833
Frequency
ref_val

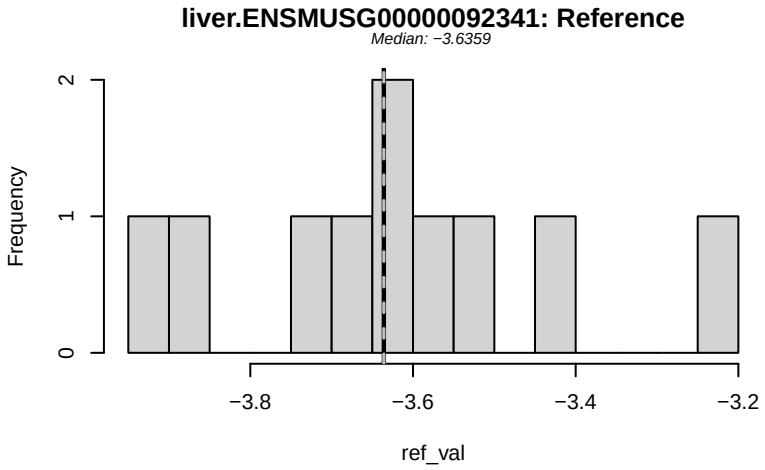

liver.ENSMUSG00000047731: Experimental
Median: −7.1293
p−val: 0.1784
Frequency
exp_val

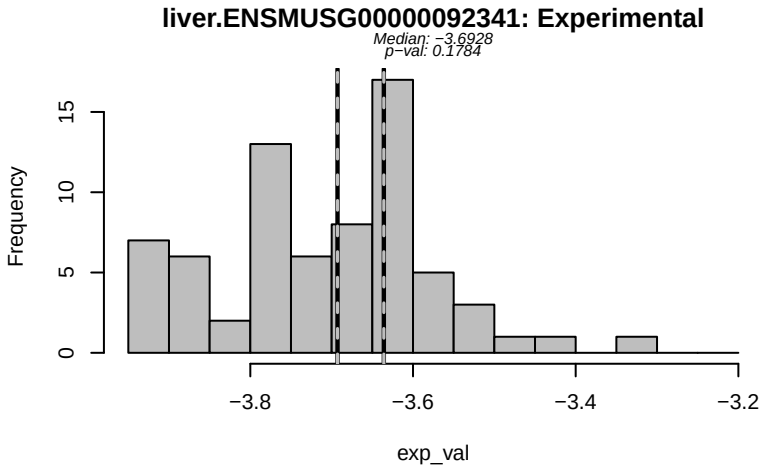

liver.ENSMUSG00000006529: Reference
Median: −6.7243
Frequency
ref_val

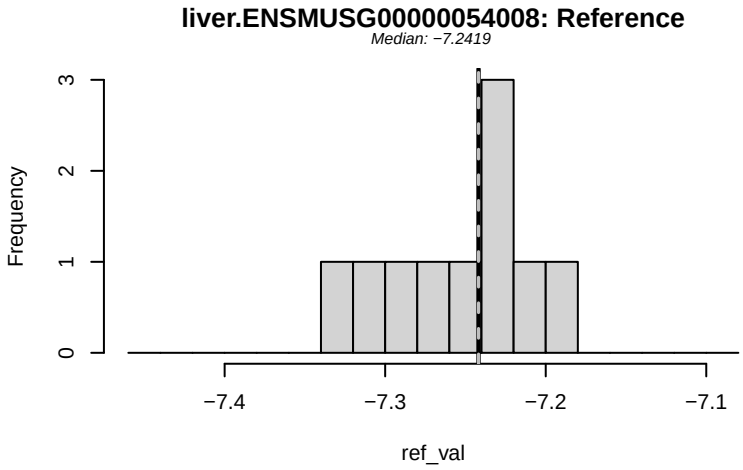

liver.ENSMUSG00000006529: Experimental
Median: −6.6921
p−val: 0.1784
Frequency
exp_val

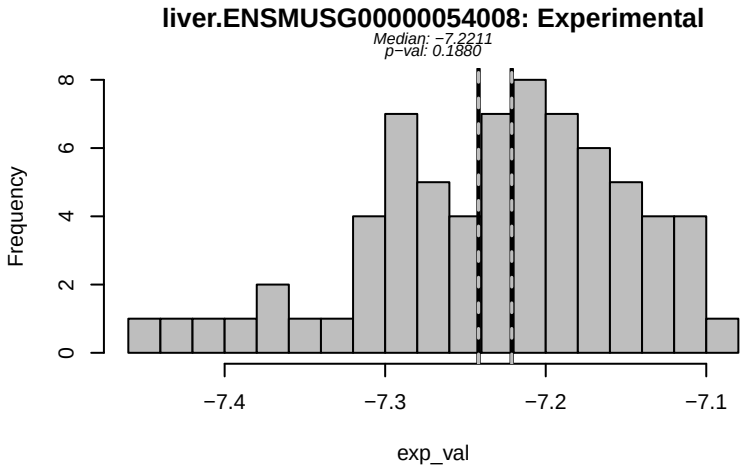

liver.ENSMUSG00000033634: Reference
Median: −6.2797
Frequency
ref_val

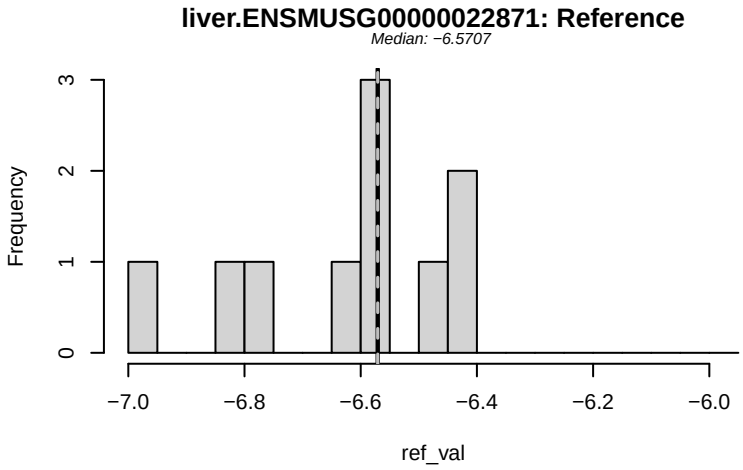

liver.ENSMUSG00000033634: Experimental
Median: −6.1047
p−val: 0.1784
Frequency
exp_val

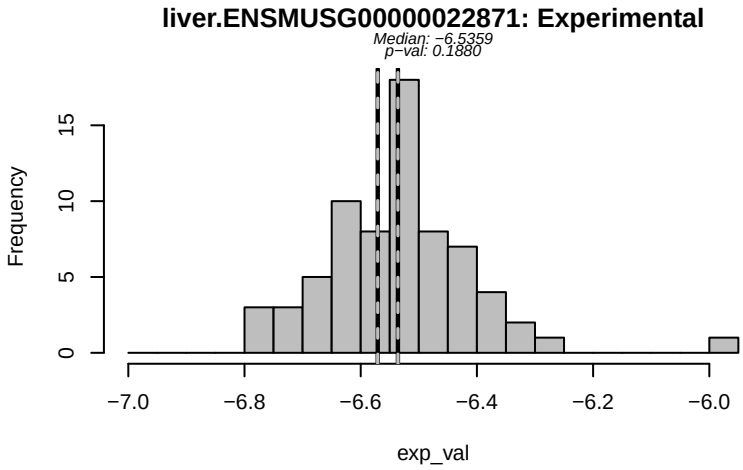

liver.ENSMUSG00000092341: Reference
Median: −3.6359
Frequency
ref_val

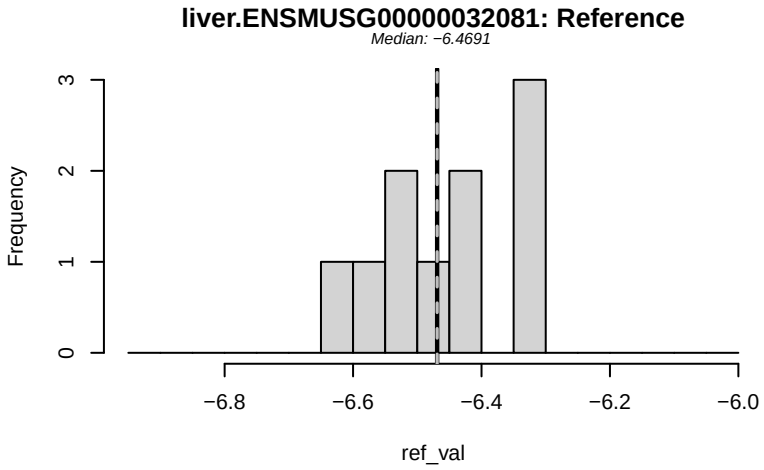

liver.ENSMUSG00000092341: Experimental
Median: −3.6928
p−val: 0.1784
Frequency
exp_val

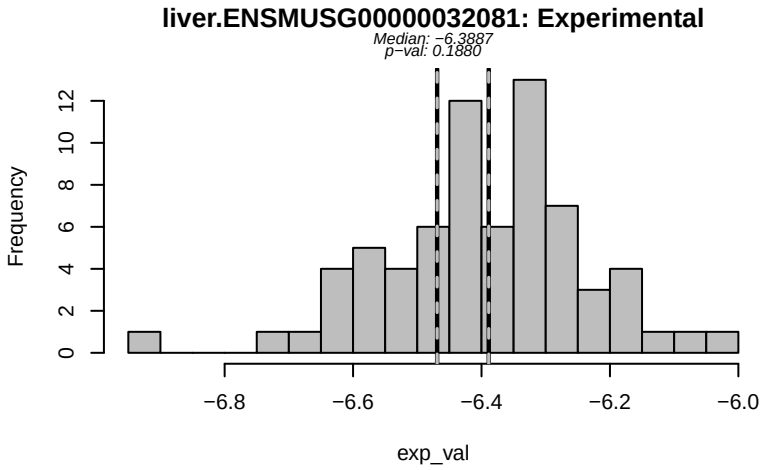

liver.ENSMUSG00000054008: Reference
Median: −7.2419
Frequency
ref_val

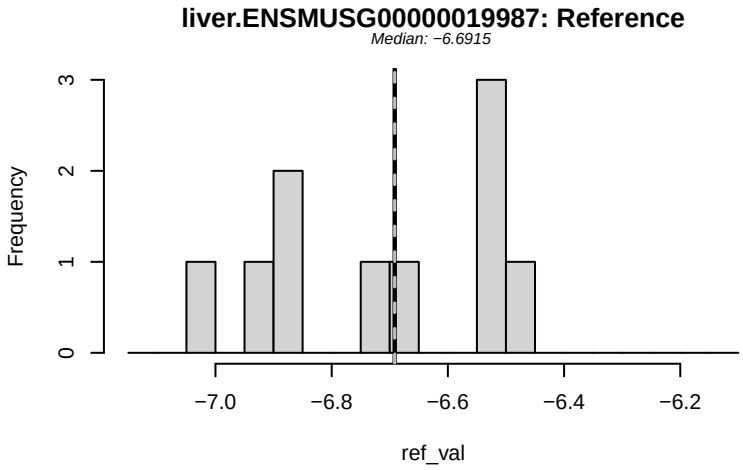

liver.ENSMUSG00000054008: Experimental
Median: −7.2211
p−val: 0.1880
Frequency
exp_val

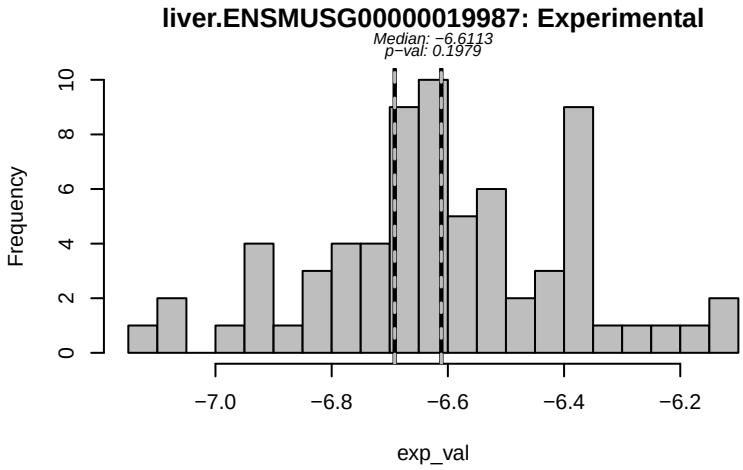

liver.ENSMUSG00000022871: Reference
Median: −6.5707
Frequency
ref_val

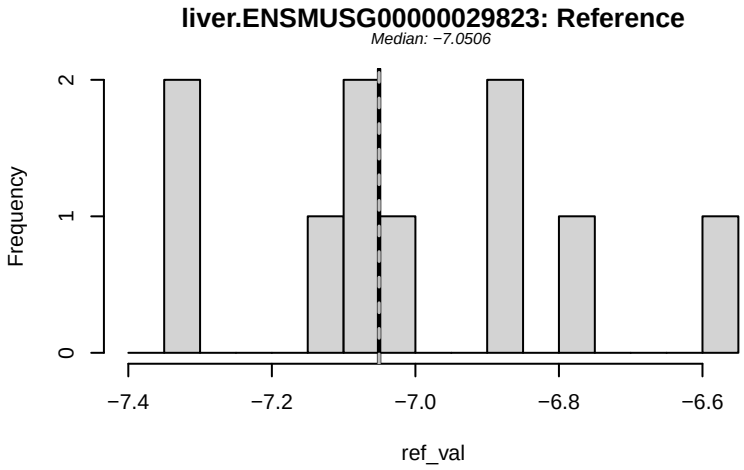

liver.ENSMUSG00000022871: Experimental
Median: −6.5359
p−val: 0.1880
Frequency
exp_val

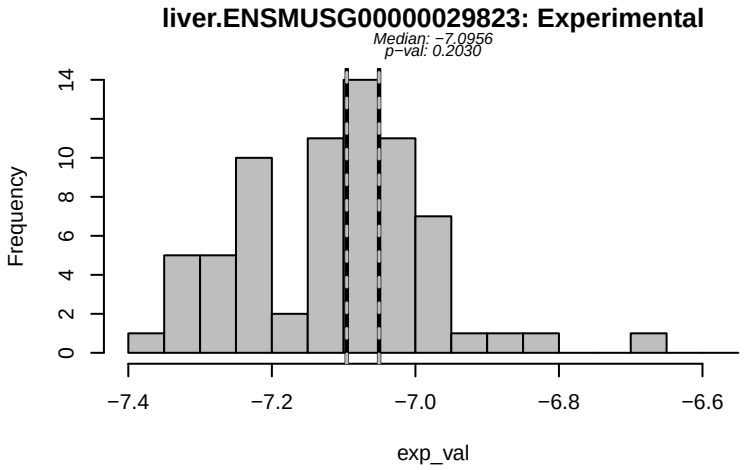

liver.ENSMUSG00000032081: Reference
Median: −6.4691
Frequency
ref_val

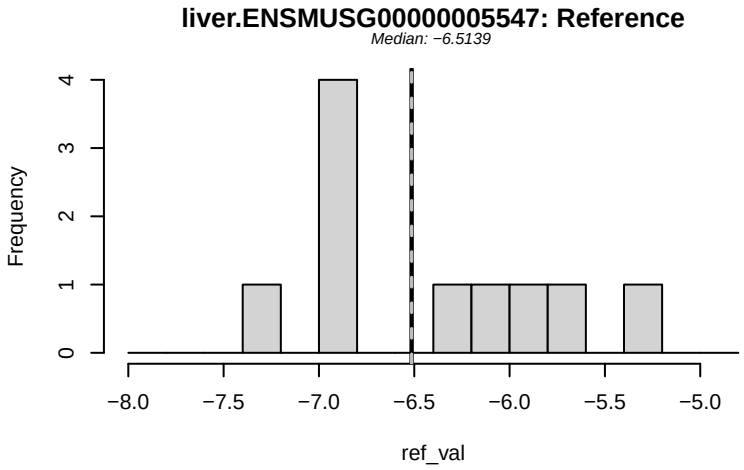

liver.ENSMUSG00000032081: Experimental
Median: −6.3887
p−val: 0.1880
Frequency
exp_val

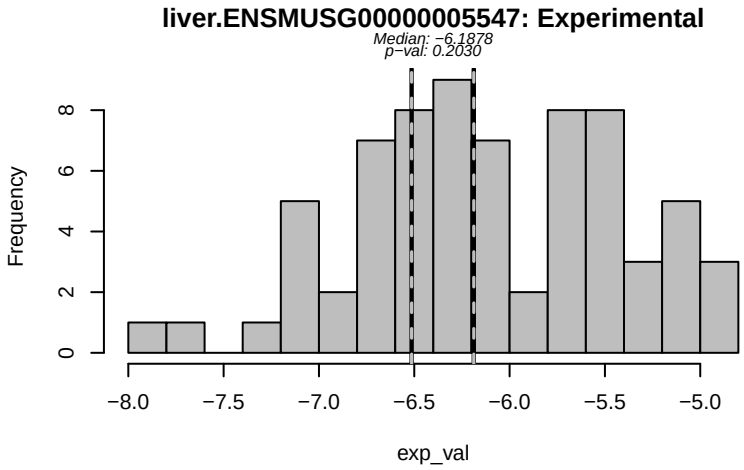

liver.ENSMUSG00000019987: Reference
Median: −6.6915
Frequency
ref_val

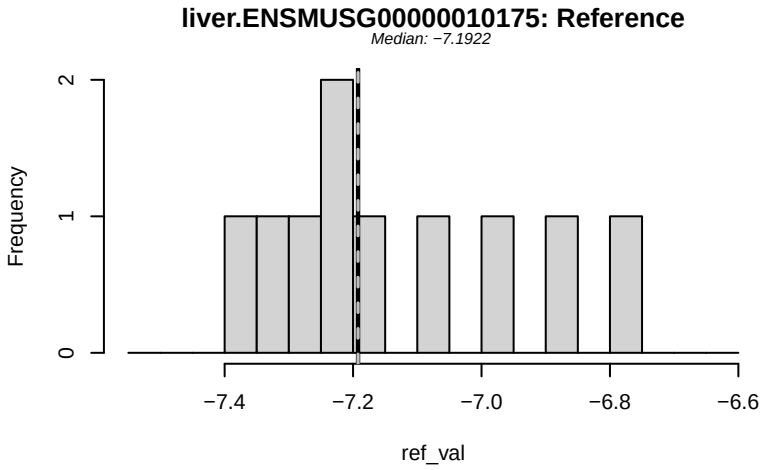

liver.ENSMUSG00000019987: Experimental
Median: −6.6113
p−val: 0.1979
Frequency
exp_val

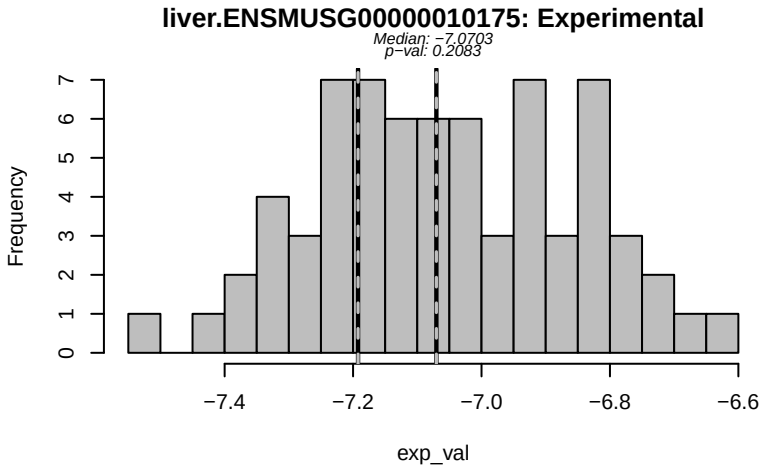

liver.ENSMUSG00000029823: Reference
Median: −7.0506
Frequency
ref_val

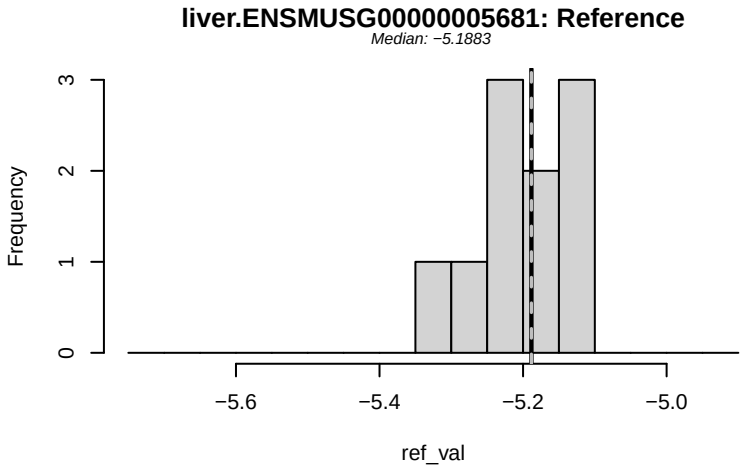

liver.ENSMUSG00000029823: Experimental
Median: −7.0956
p−val: 0.2030
Frequency
exp_val

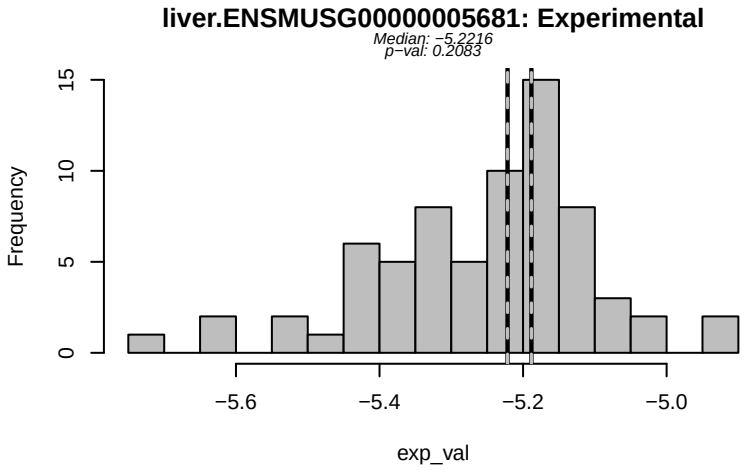

liver.ENSMUSG00000005547: Reference
Median: −6.5139
Frequency
ref_val

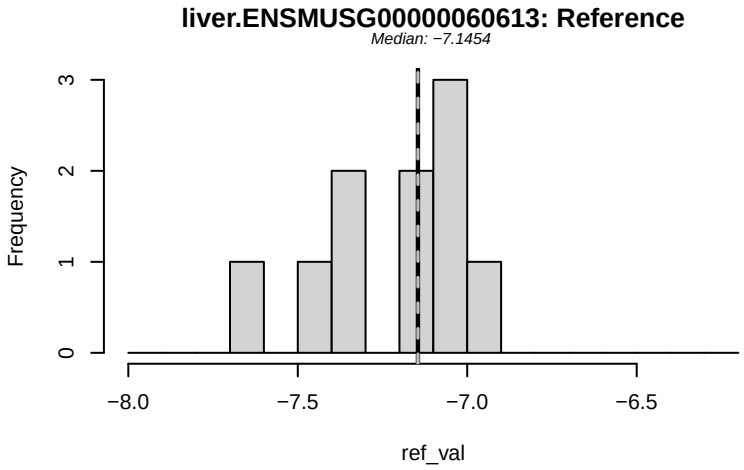

liver.ENSMUSG00000005547: Experimental
Median: −6.1878
p−val: 0.2030
Frequency
exp_val

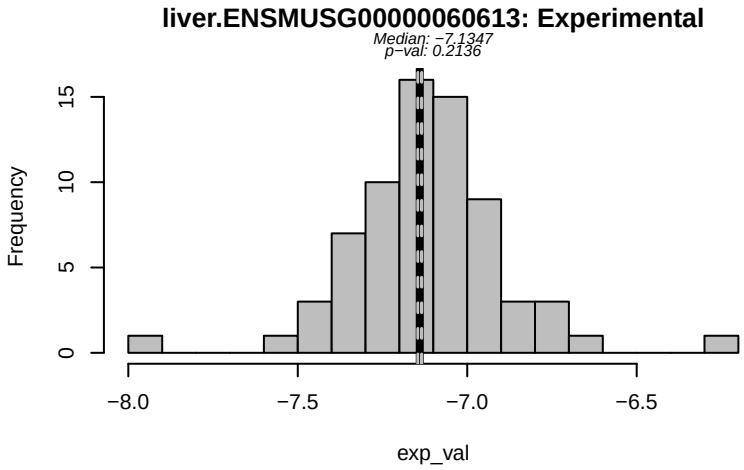

liver.ENSMUSG00000010175: Reference
Median: −7.1922
Frequency
ref_val

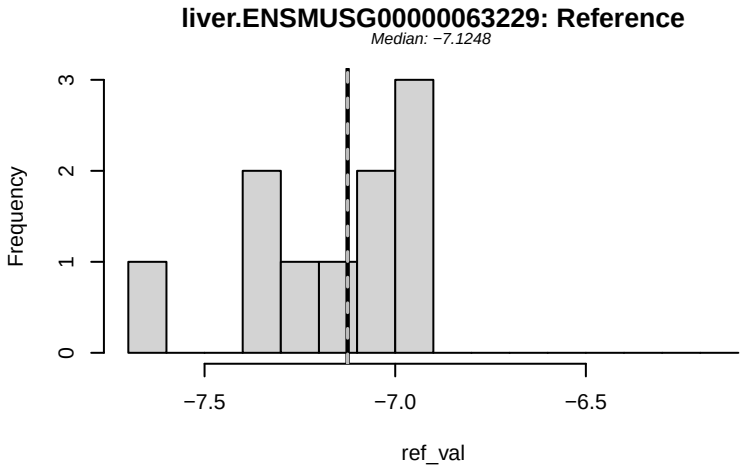

liver.ENSMUSG00000010175: Experimental
Median: −7.0703
p−val: 0.2083
Frequency
exp_val

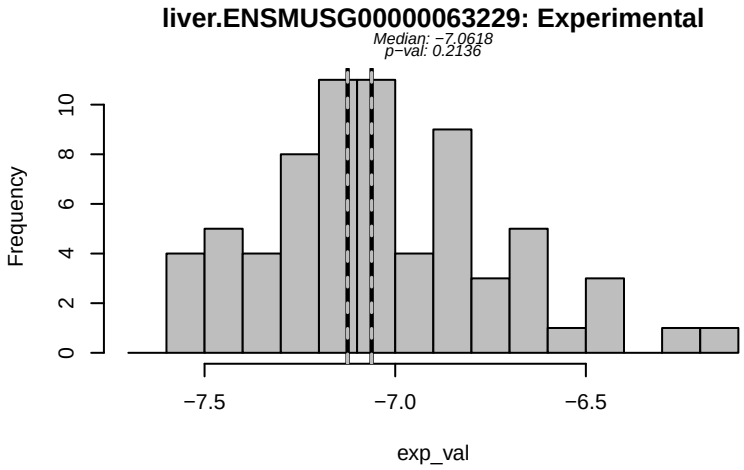

liver.ENSMUSG00000005681: Reference
Median: −5.1883
Frequency
ref_val

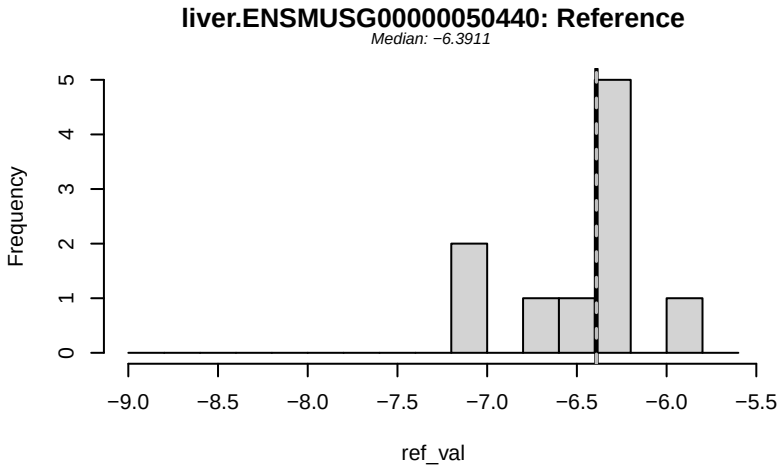

liver.ENSMUSG00000005681: Experimental
Median: −5.2216
p−val: 0.2083
Frequency
exp_val

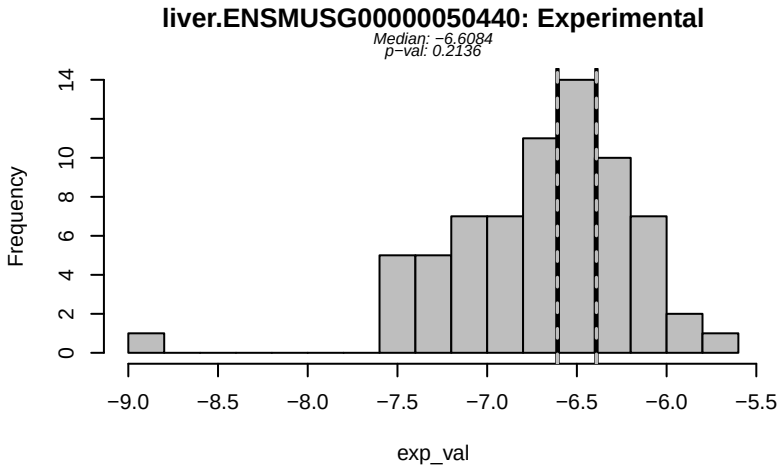

liver.ENSMUSG00000060613: Reference
Median: −7.1454
Frequency
ref_val

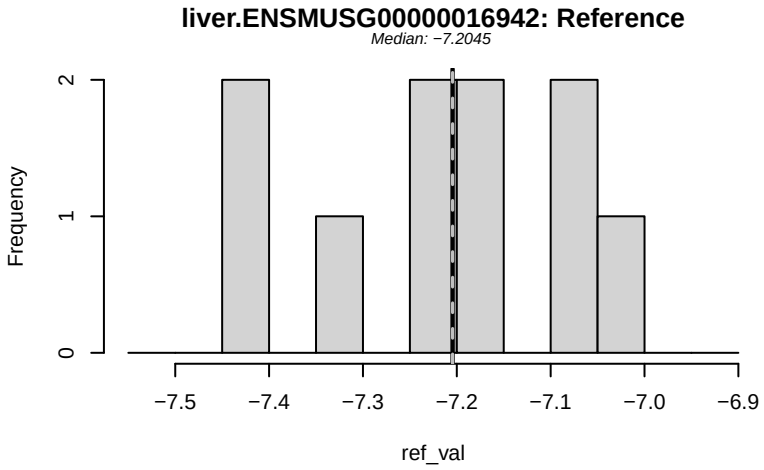

liver.ENSMUSG00000060613: Experimental
Median: −7.1347
p−val: 0.2136
Frequency
exp_val

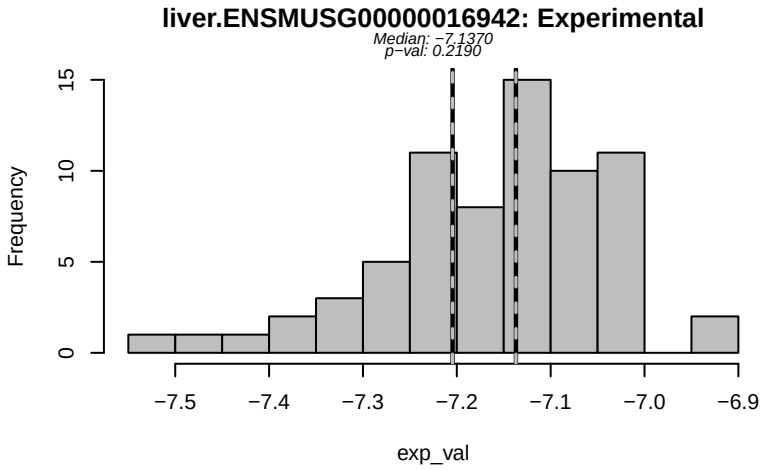

liver.ENSMUSG00000063229: Reference
Median: −7.1248
Frequency
ref_val

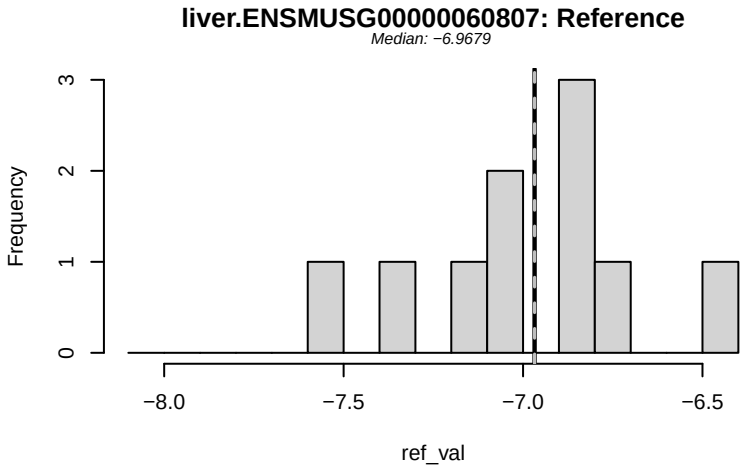

liver.ENSMUSG00000063229: Experimental
Median: −7.0618
p−val: 0.2136
Frequency
exp_val

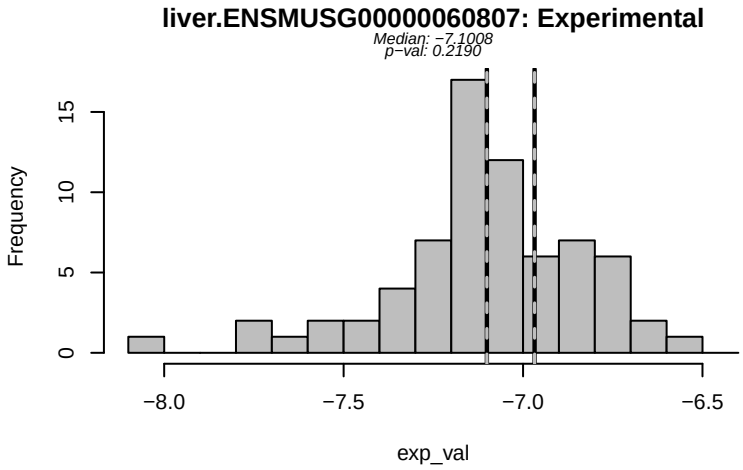

liver.ENSMUSG00000050440: Reference
Median: −6.3911
Frequency
ref_val

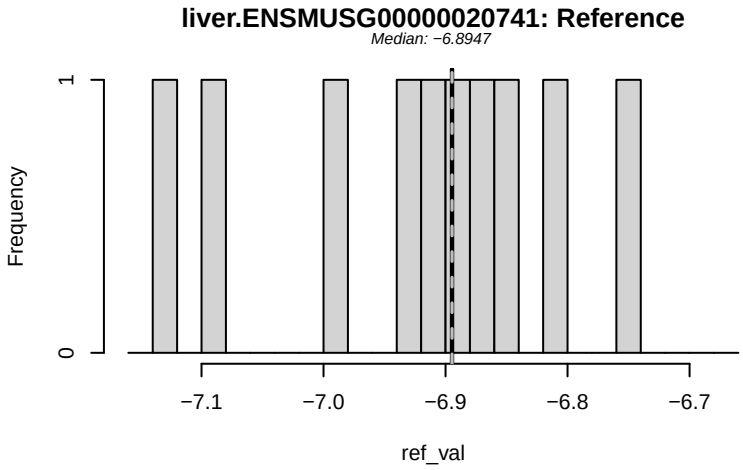

liver.ENSMUSG00000050440: Experimental
Median: −6.6084
p−val: 0.2136
Frequency
exp_val

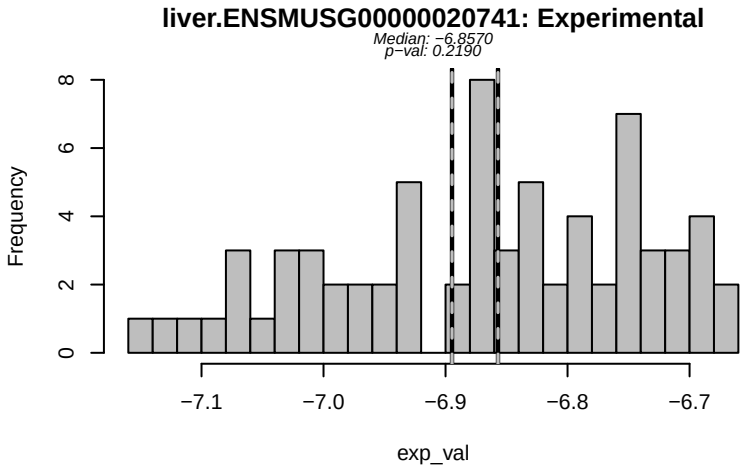

liver.ENSMUSG00000016942: Reference
Median: −7.2045
Frequency
ref_val

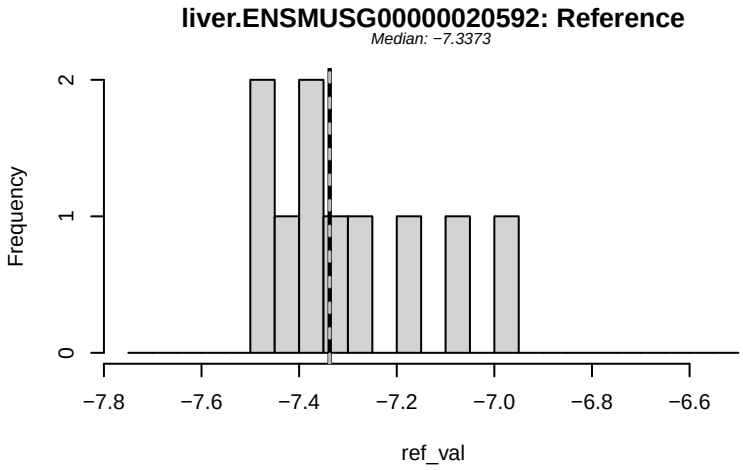

liver.ENSMUSG00000016942: Experimental
Median: −7.1370
p−val: 0.2190
Frequency
exp_val

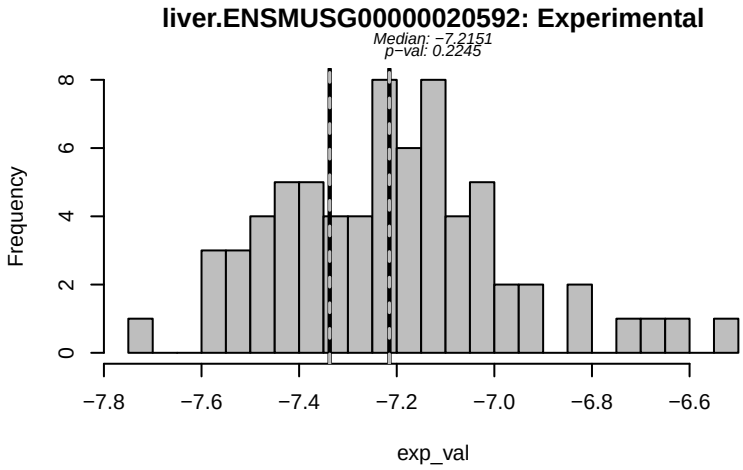

liver.ENSMUSG00000060807: Reference
Median: −6.9679
Frequency
ref_val

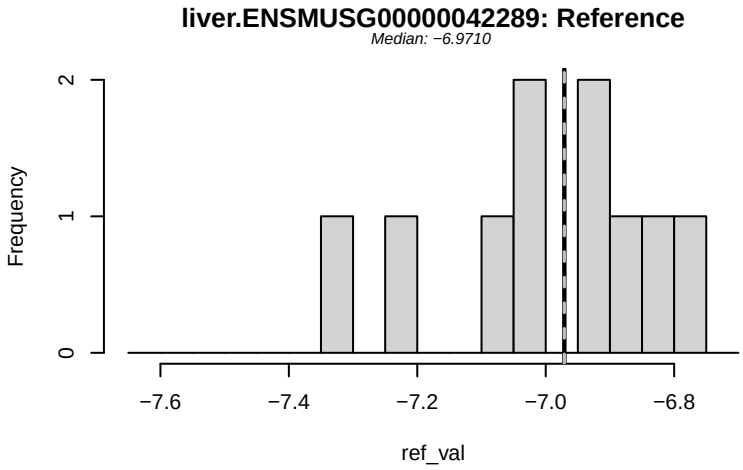

liver.ENSMUSG00000060807: Experimental
Median: −7.1008
p−val: 0.2190
Frequency
exp_val

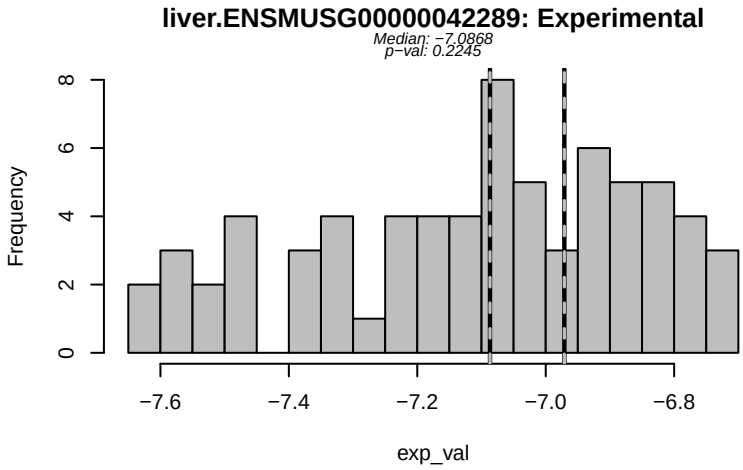

liver.ENSMUSG00000020741: Reference
Median: −6.8947
Frequency
ref_val

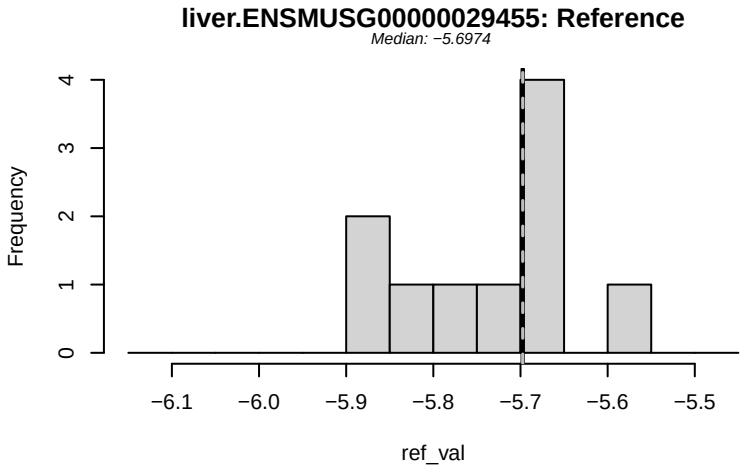

liver.ENSMUSG00000020741: Experimental
Median: −6.8570
p−val: 0.2190
Frequency
exp_val

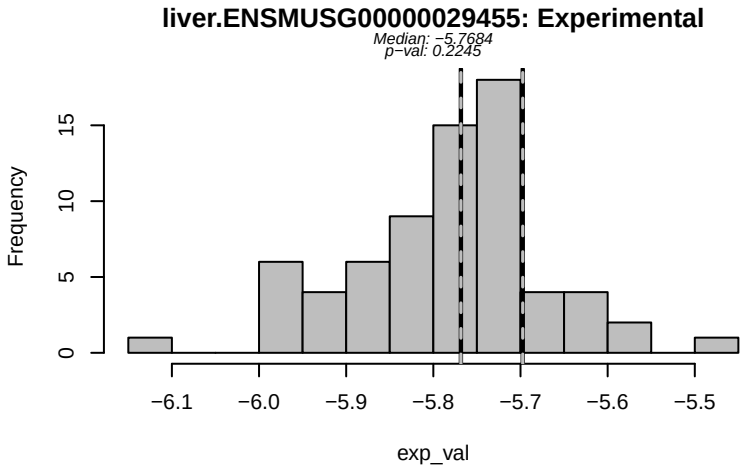

liver.ENSMUSG00000020592: Reference
Median: −7.3373
Frequency
ref_val

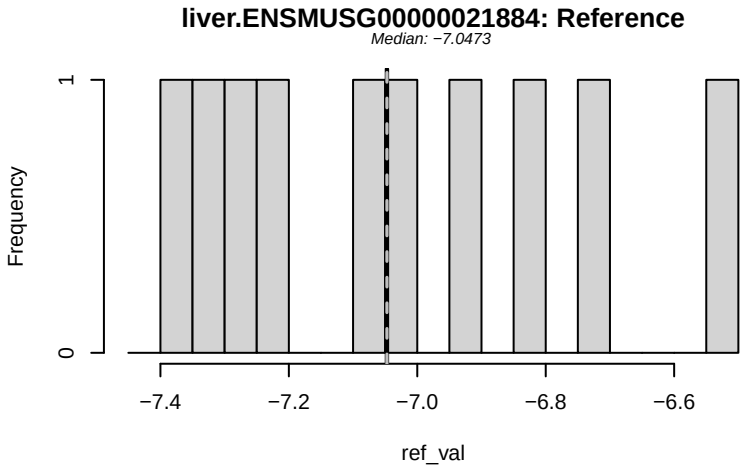

liver.ENSMUSG00000020592: Experimental
Median: −7.2151
p−val: 0.2245
Frequency
exp_val

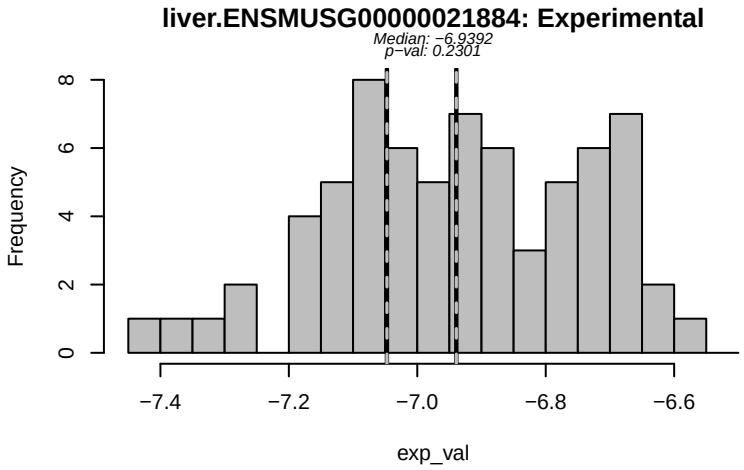

liver.ENSMUSG00000042289: Reference
Median: −6.9710
Frequency
ref_val

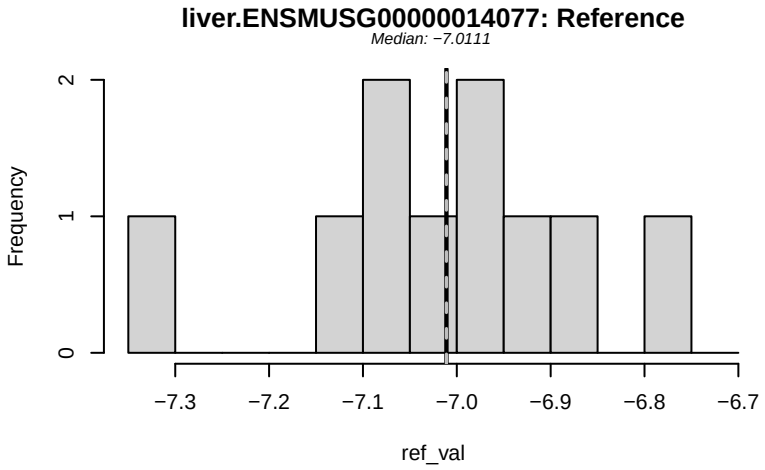

liver.ENSMUSG00000042289: Experimental
Median: −7.0868
p−val: 0.2245
Frequency
exp_val

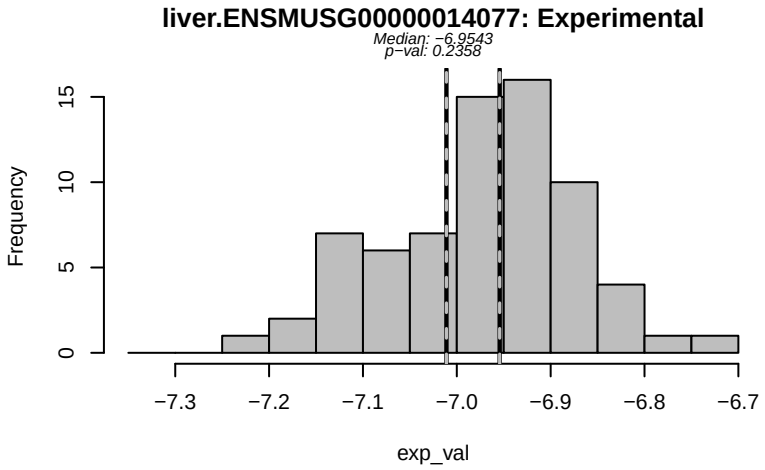

liver.ENSMUSG00000029455: Reference
Median: −5.6974
Frequency
ref_val

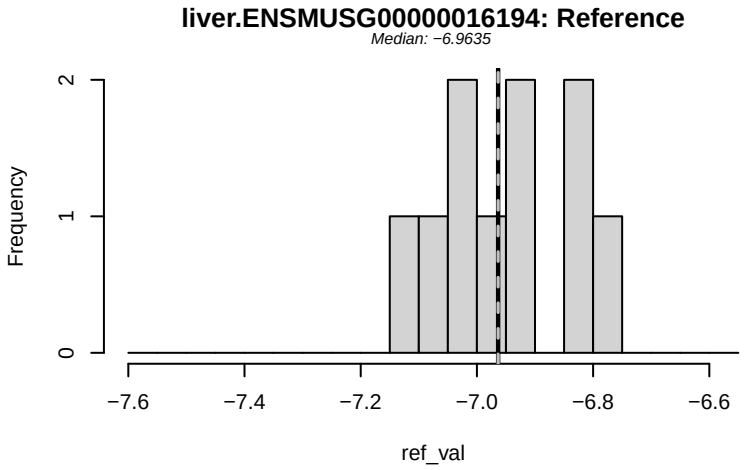

liver.ENSMUSG00000029455: Experimental
Median: −5.7684
p−val: 0.2245
Frequency
exp_val

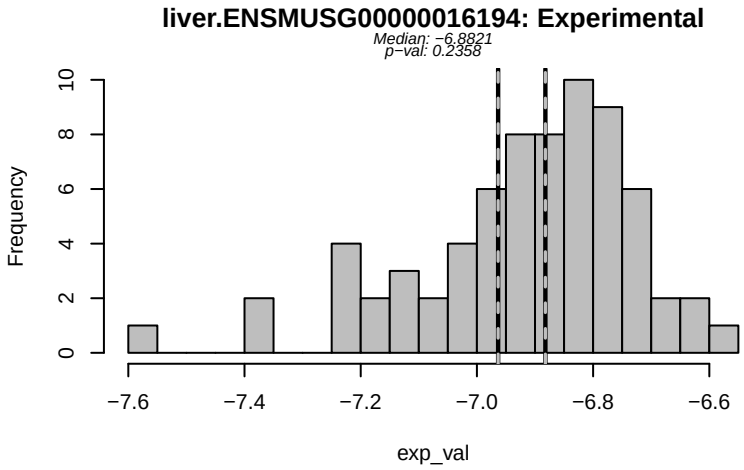

liver.ENSMUSG00000021884: Reference
Median: −7.0473
Frequency
ref_val

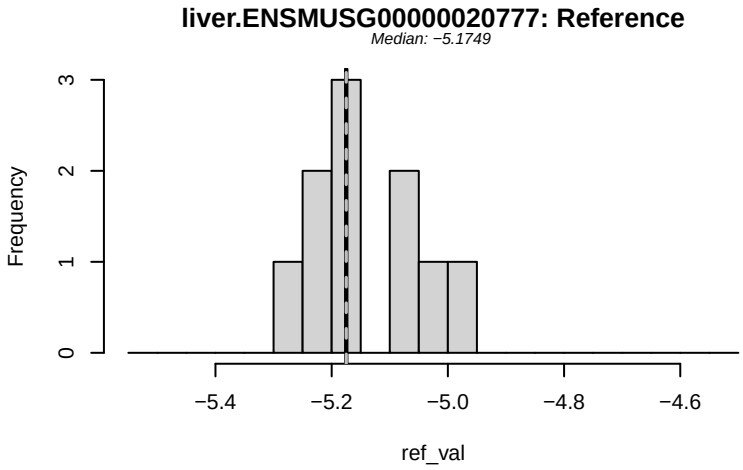

liver.ENSMUSG00000021884: Experimental
Median: −6.9392
p−val: 0.2301
Frequency
exp_val

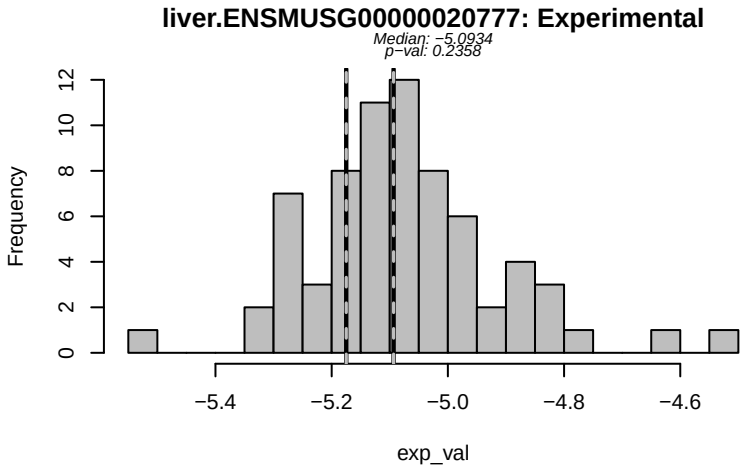

liver.ENSMUSG00000014077: Reference
Median: −7.0111
Frequency
ref_val

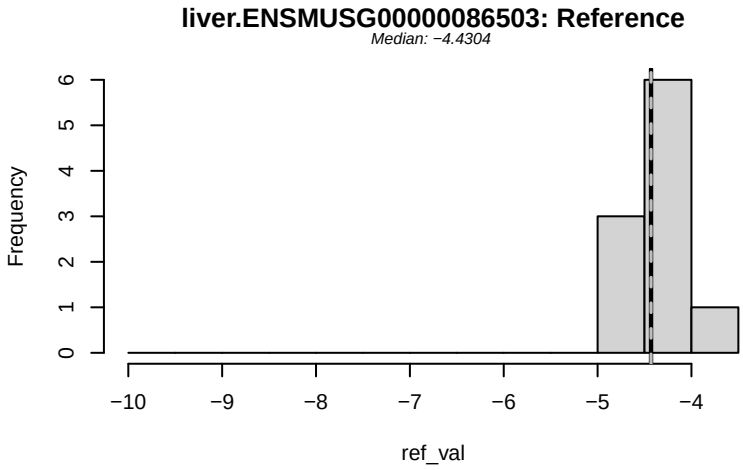

liver.ENSMUSG00000014077: Experimental
Median: −6.9543
p−val: 0.2358
Frequency
exp_val

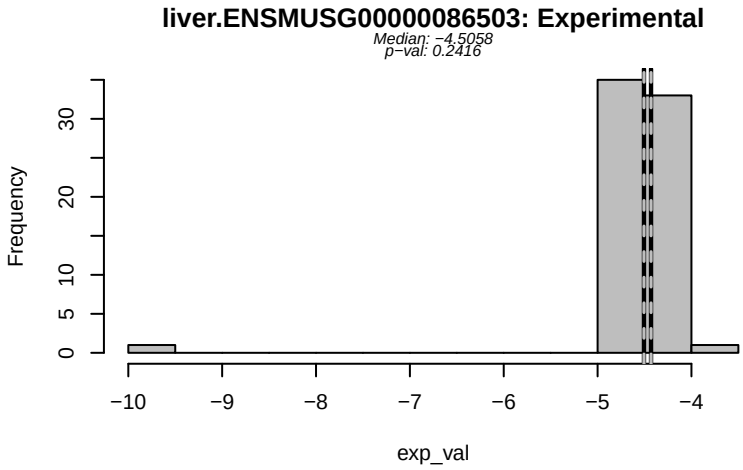

liver.ENSMUSG00000016194: Reference
Median: −6.9635
Frequency
ref_val

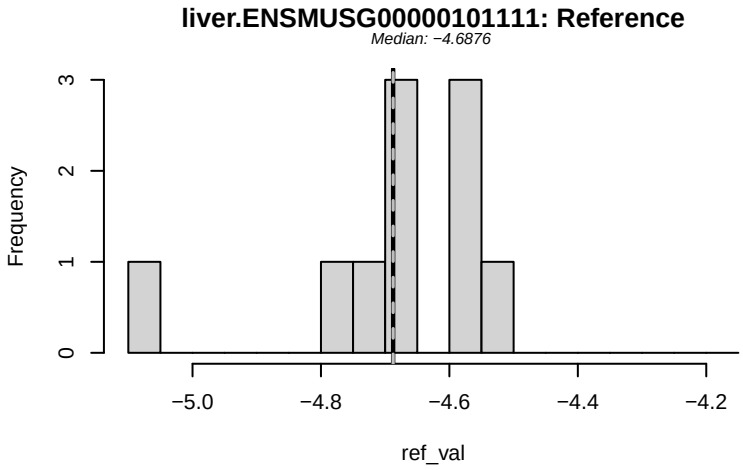

liver.ENSMUSG00000016194: Experimental
Median: −6.8821
p−val: 0.2358
Frequency
exp_val

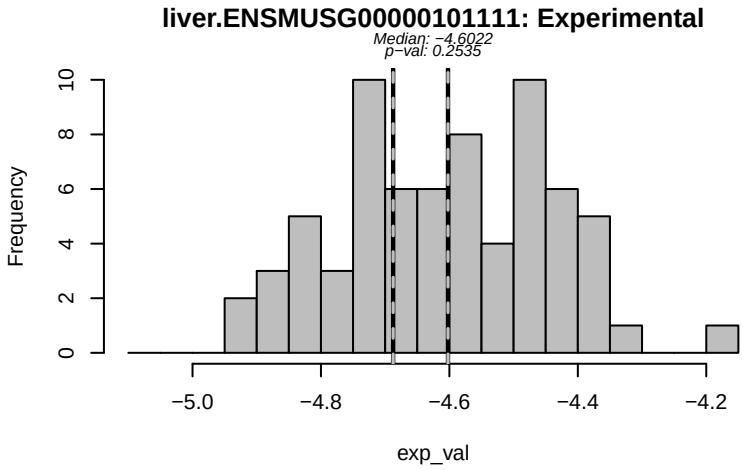

liver.ENSMUSG00000020777: Reference
Median: −5.1749
Frequency
ref_val

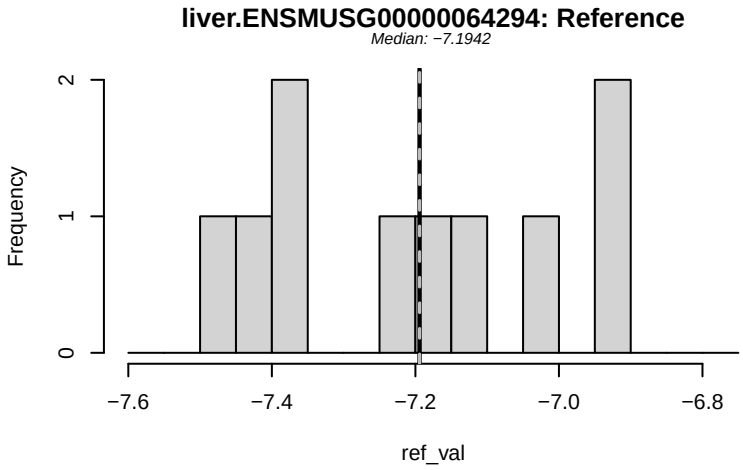

liver.ENSMUSG00000020777: Experimental
Median: −5.0934
p−val: 0.2358
Frequency
exp_val

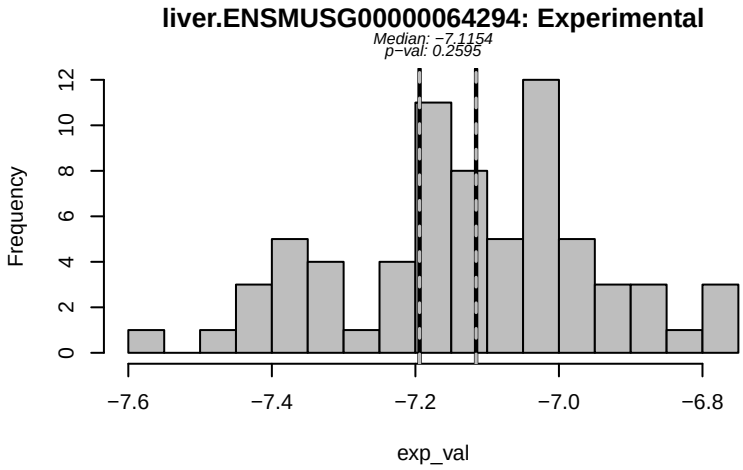

liver.ENSMUSG00000086503: Reference
Median: −4.4304
Frequency
ref_val

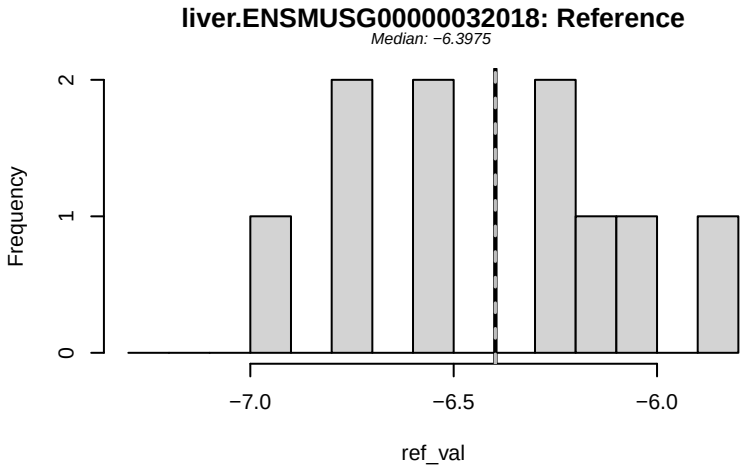

liver.ENSMUSG00000086503: Experimental
Median: −4.5058
p−val: 0.2416
Frequency
exp_val

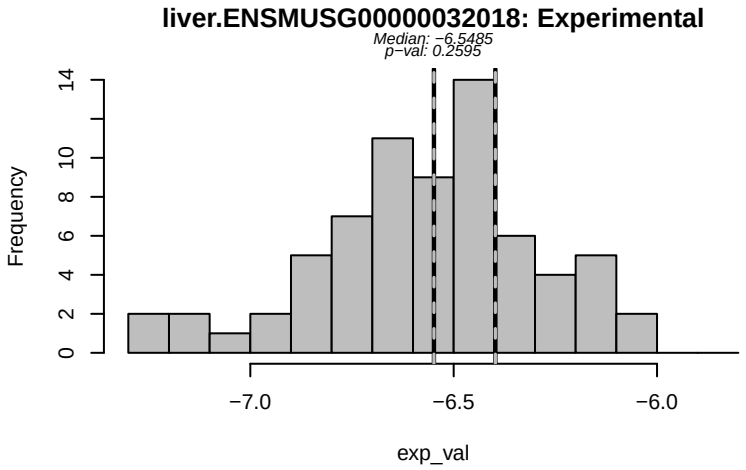

liver.ENSMUSG00000101111: Reference
Median: −4.6876
Frequency
ref_val

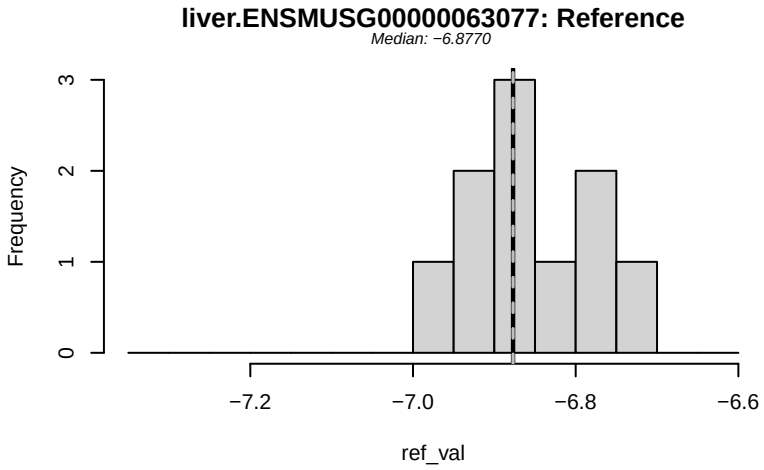

liver.ENSMUSG00000101111: Experimental
Median: −4.6022
p−val: 0.2535
Frequency
exp_val

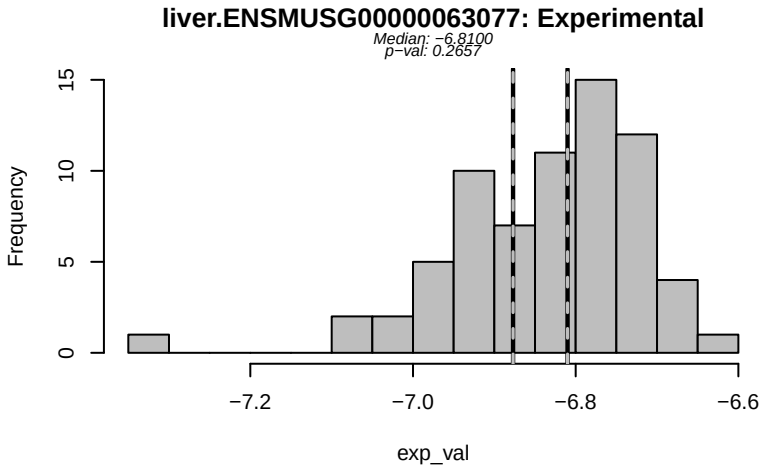

liver.ENSMUSG00000064294: Reference
Median: −7.1942
Frequency
ref_val

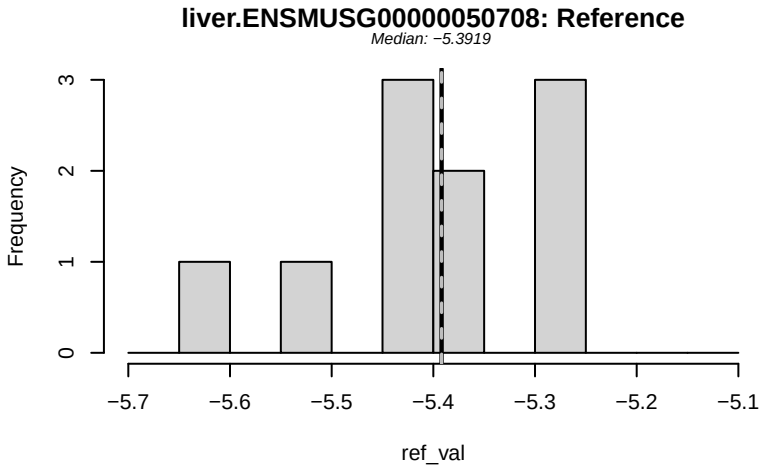

liver.ENSMUSG00000064294: Experimental
Median: −7.1154
p−val: 0.2595
Frequency
exp_val

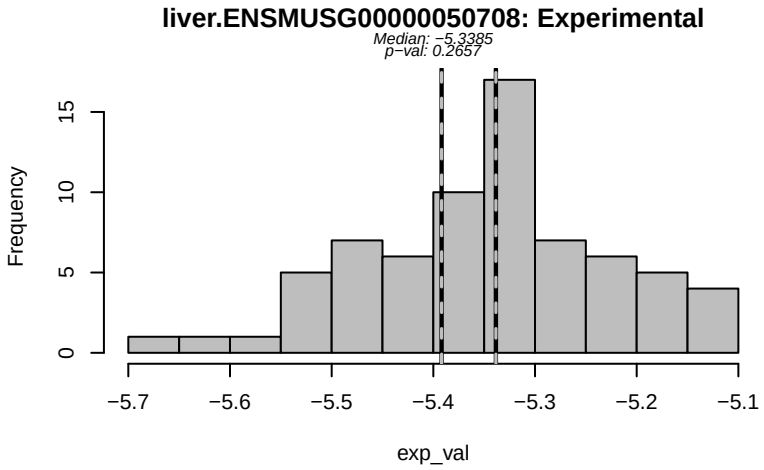

liver.ENSMUSG00000032018: Reference
Median: −6.3975
Frequency
ref_val

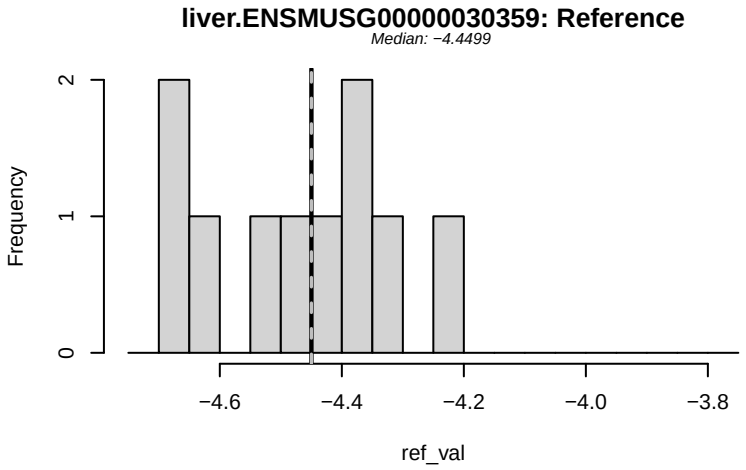

liver.ENSMUSG00000032018: Experimental
Median: −6.5485
p−val: 0.2595
Frequency
exp_val

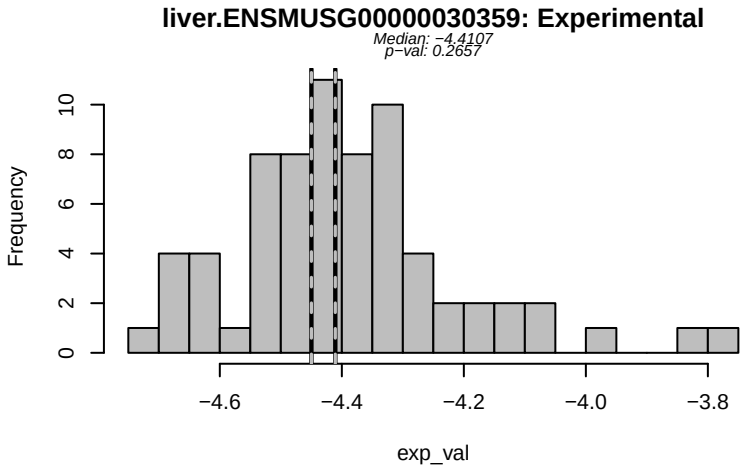

liver.ENSMUSG00000063077: Reference
Median: −6.8770
Frequency
ref_val

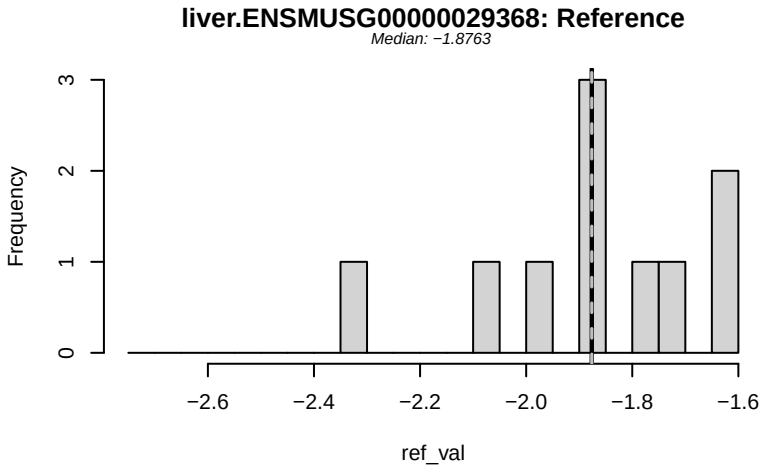

liver.ENSMUSG00000063077: Experimental
Median: −6.8100
p−val: 0.2657
Frequency
exp_val

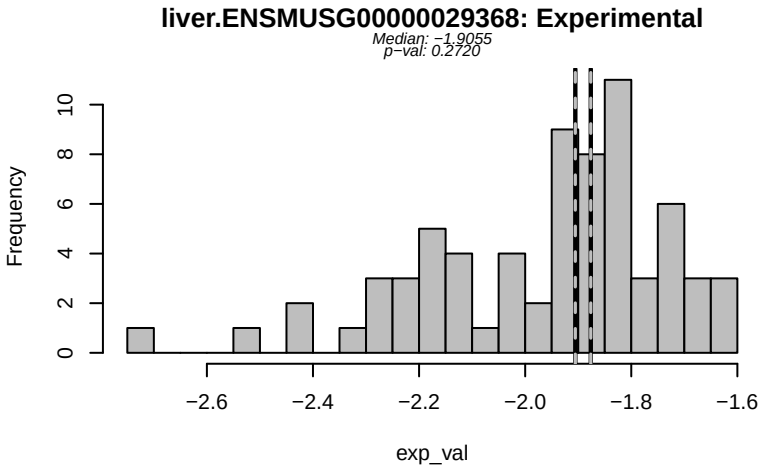

liver.ENSMUSG00000050708: Reference
Median: −5.3919
Frequency
ref_val

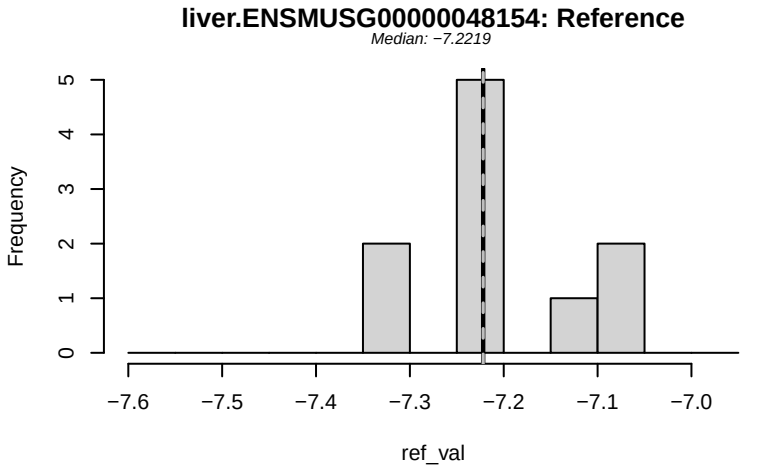

liver.ENSMUSG00000050708: Experimental
Median: −5.3385
p−val: 0.2657
Frequency
exp_val

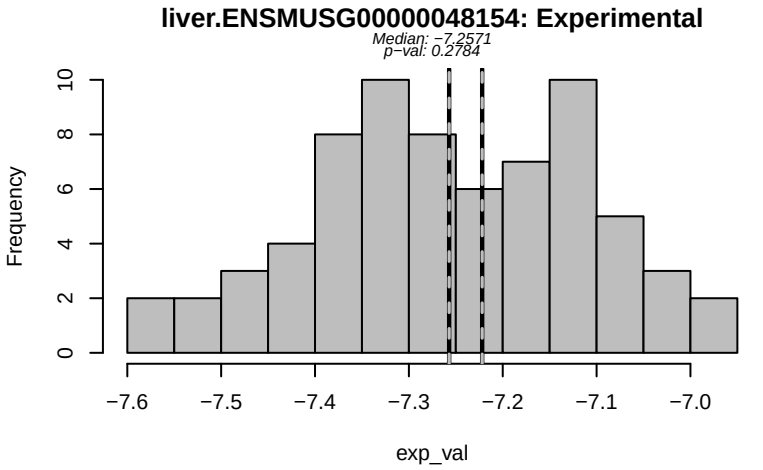

liver.ENSMUSG00000030359: Reference
Median: −4.4499
Frequency
ref_val

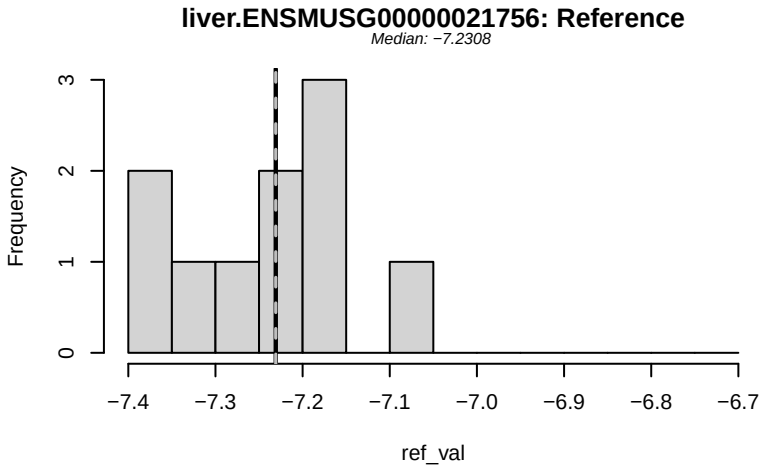

liver.ENSMUSG00000030359: Experimental
Median: −4.4107
p−val: 0.2657
Frequency
exp_val

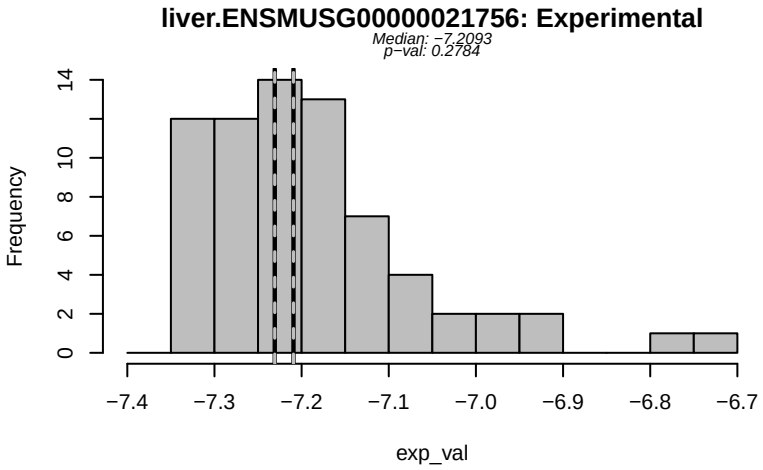

liver.ENSMUSG00000029368: Reference
Median: −1.8763
Frequency
ref_val

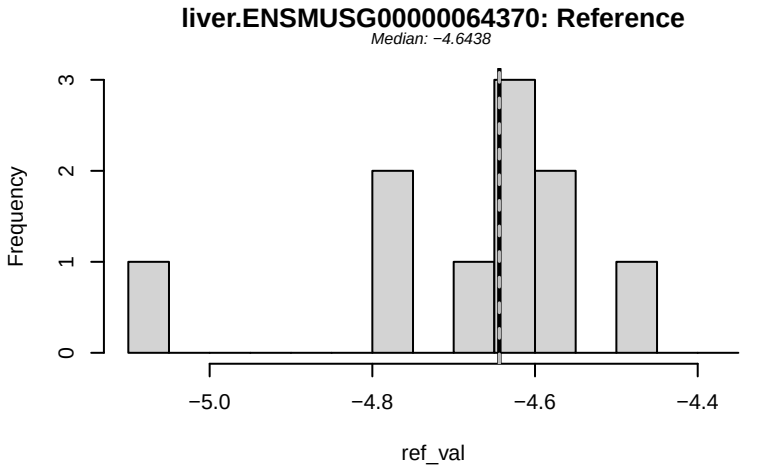

liver.ENSMUSG00000029368: Experimental
Median: −1.9055
p−val: 0.2720
Frequency
exp_val

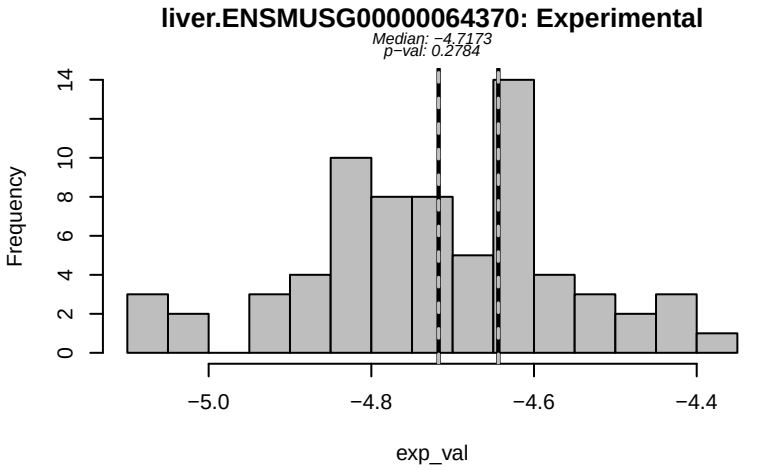

liver.ENSMUSG00000048154: Reference
Median: −7.2219
Frequency
ref_val

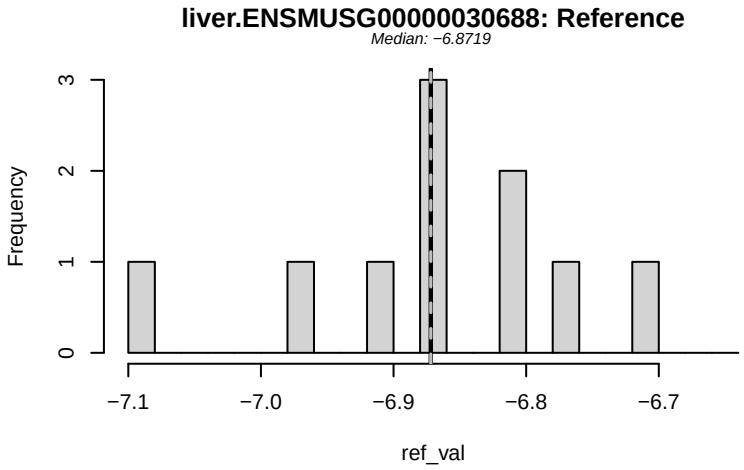

liver.ENSMUSG00000048154: Experimental
Median: −7.2571
p−val: 0.2784
Frequency
exp_val

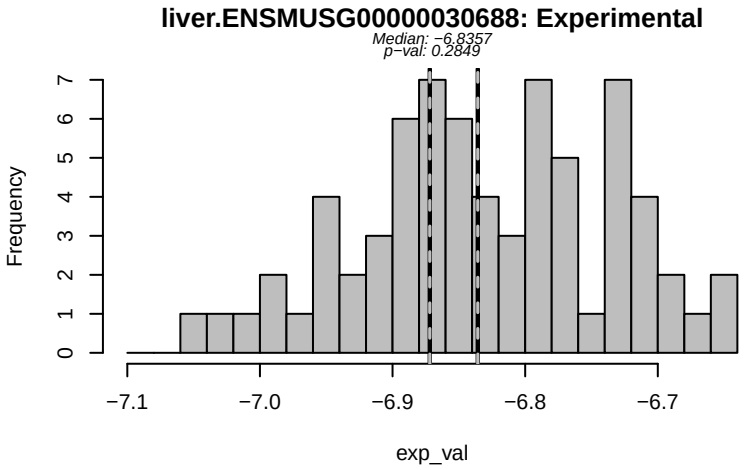

liver.ENSMUSG00000021756: Reference
Median: −7.2308
Frequency
ref_val

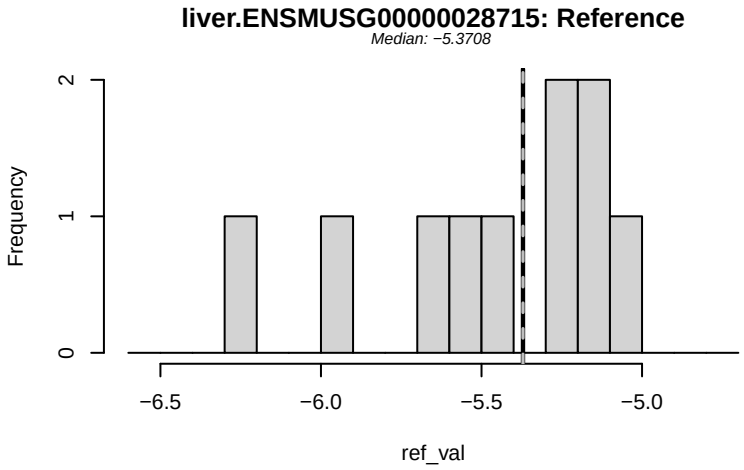

liver.ENSMUSG00000021756: Experimental
Median: −7.2093
p−val: 0.2784
Frequency
exp_val

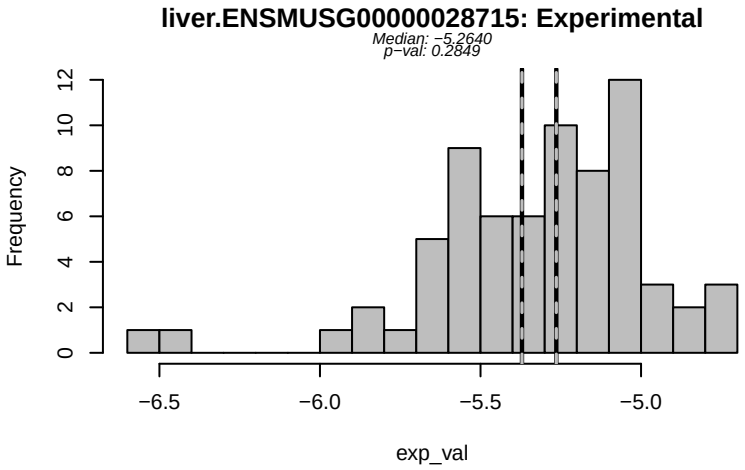

liver.ENSMUSG00000064370: Reference
Median: −4.6438
Frequency
ref_val

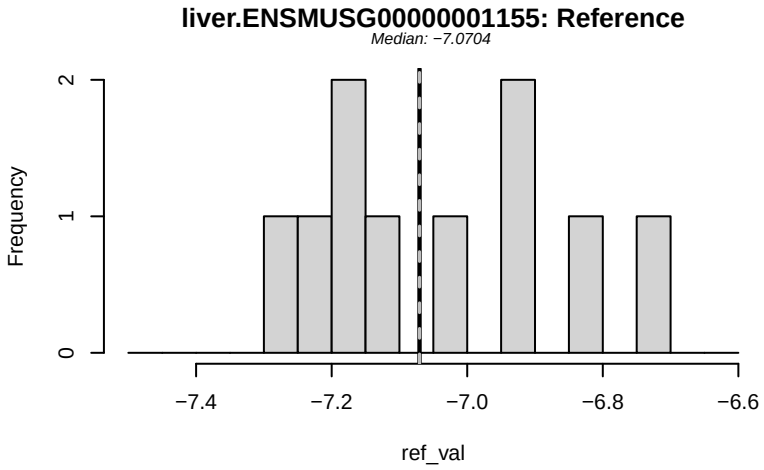

liver.ENSMUSG00000064370: Experimental
Median: −4.7173
p−val: 0.2784
Frequency
exp_val

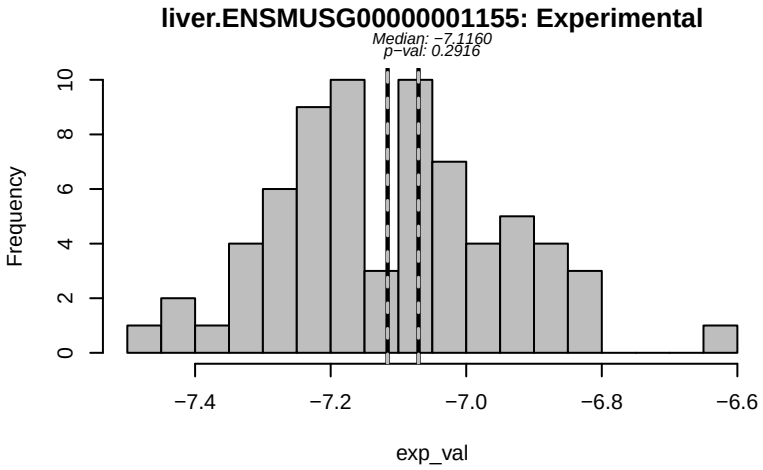

liver.ENSMUSG00000030688: Reference
Median: −6.8719
Frequency
ref_val

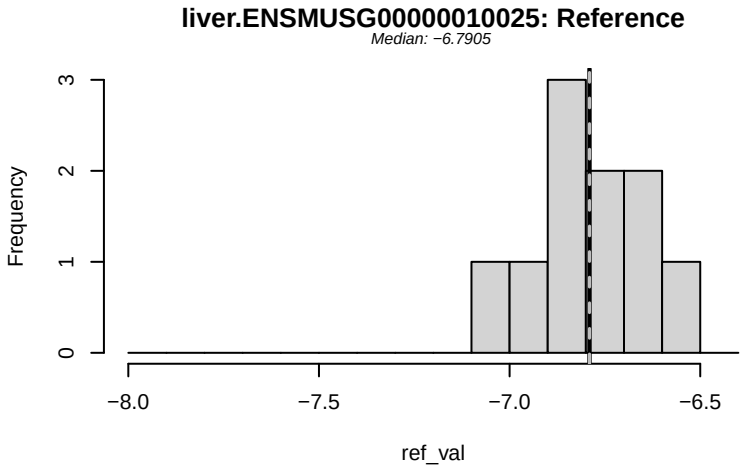

liver.ENSMUSG00000030688: Experimental
Median: −6.8357
p−val: 0.2849
Frequency
exp_val

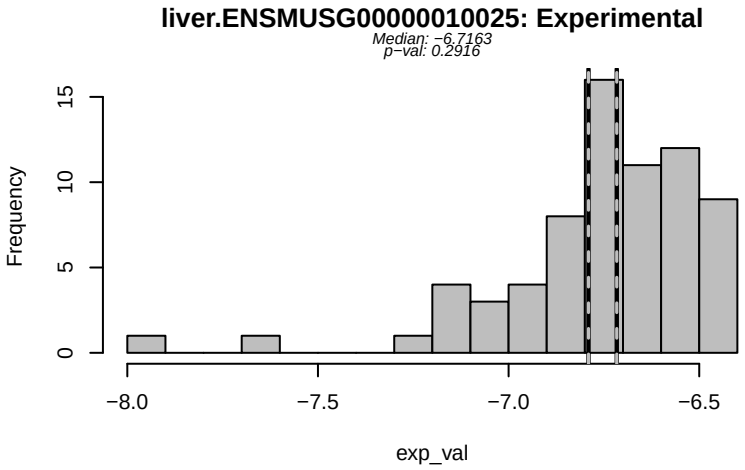

liver.ENSMUSG00000028715: Reference
Median: −5.3708
Frequency
ref_val

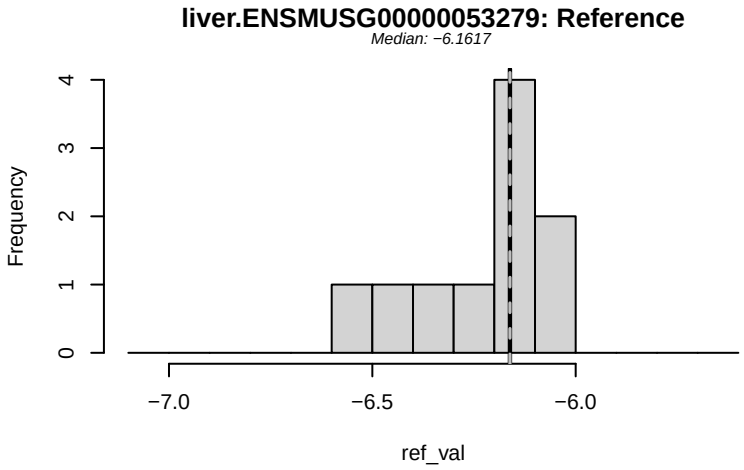

liver.ENSMUSG00000028715: Experimental
Median: −5.2640
p−val: 0.2849
Frequency
exp_val

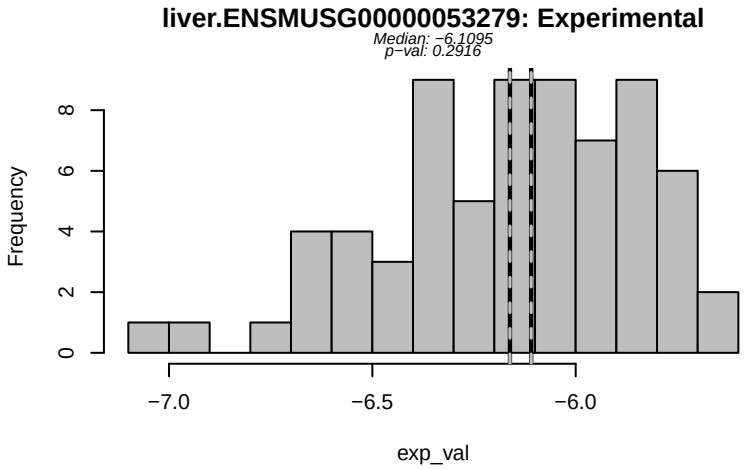

liver.ENSMUSG00000001155: Reference
Median: −7.0704
Frequency
ref_val

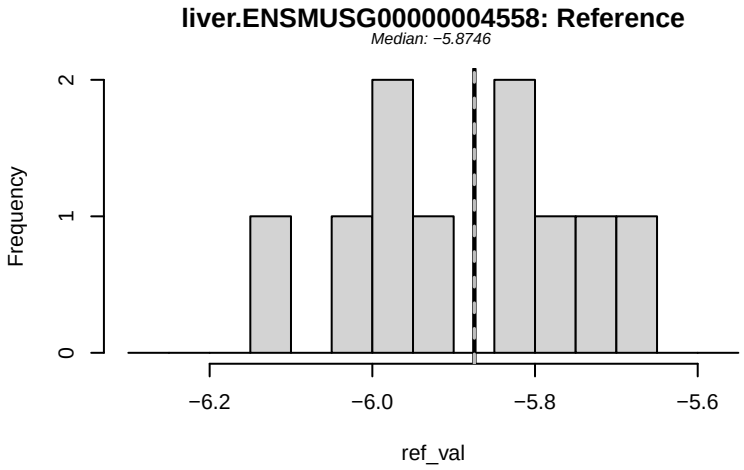

liver.ENSMUSG00000001155: Experimental
Median: −7.1160
p−val: 0.2916
Frequency
exp_val

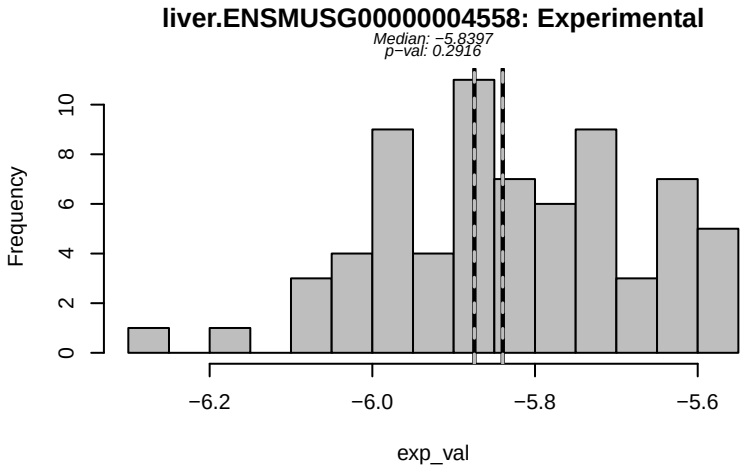

liver.ENSMUSG00000010025: Reference
Median: −6.7905
Frequency
ref_val

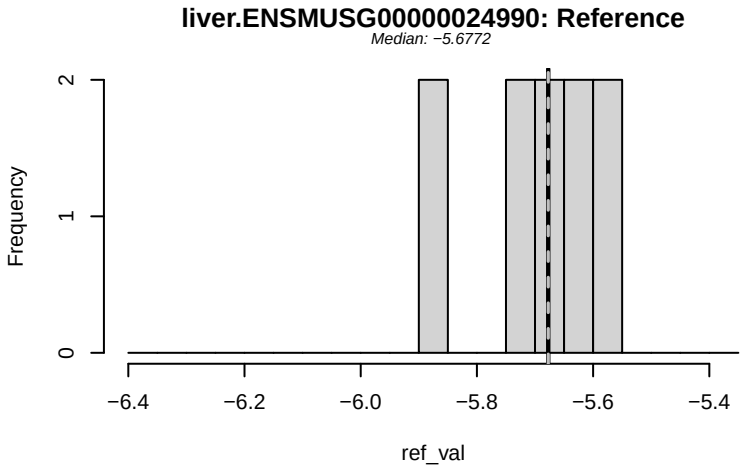

liver.ENSMUSG00000010025: Experimental
Median: −6.7163
p−val: 0.2916
Frequency
exp_val

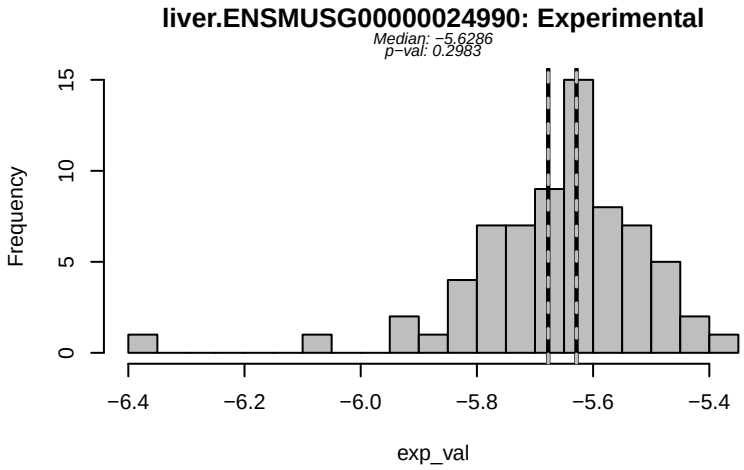

liver.ENSMUSG00000053279: Reference
Median: −6.1617
Frequency
ref_val

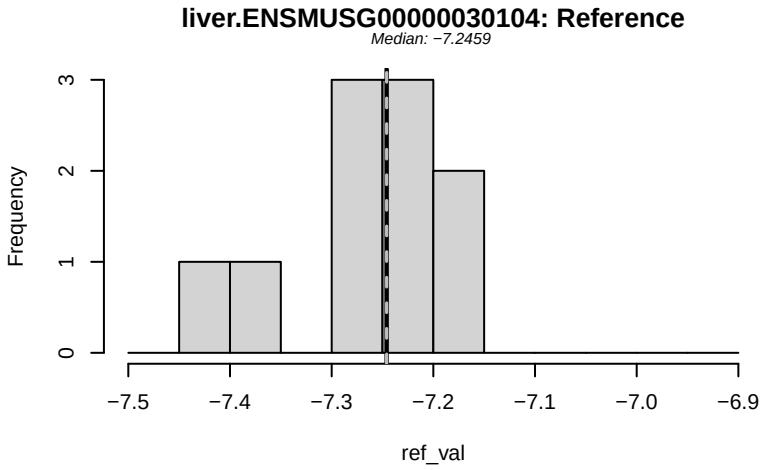

liver.ENSMUSG00000053279: Experimental
Median: −6.1095
p−val: 0.2916
Frequency
exp_val

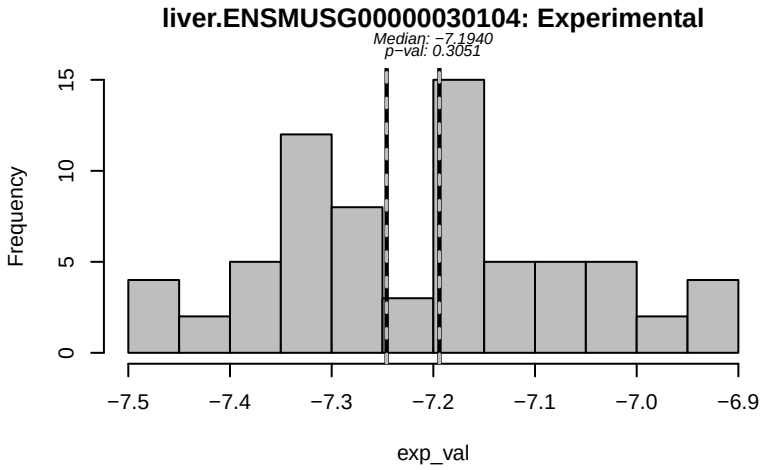

liver.ENSMUSG00000004558: Reference
Median: −5.8746
Frequency
ref_val

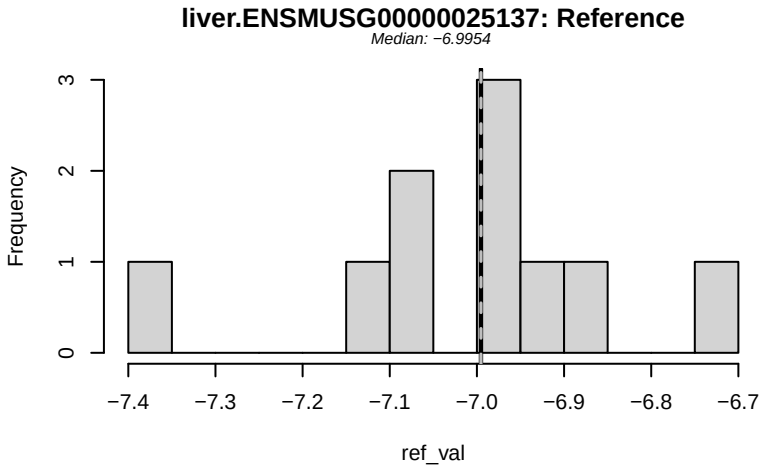

liver.ENSMUSG00000004558: Experimental
Median: −5.8397
p−val: 0.2916
Frequency
exp_val

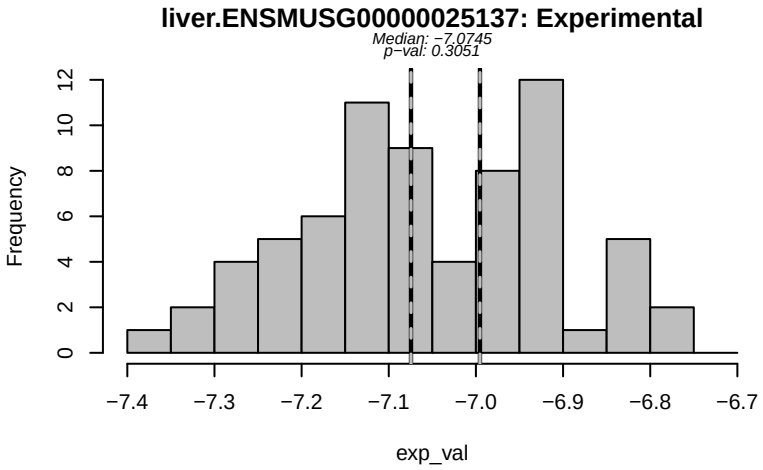

liver.ENSMUSG00000024990: Reference
Median: −5.6772
Frequency
ref_val

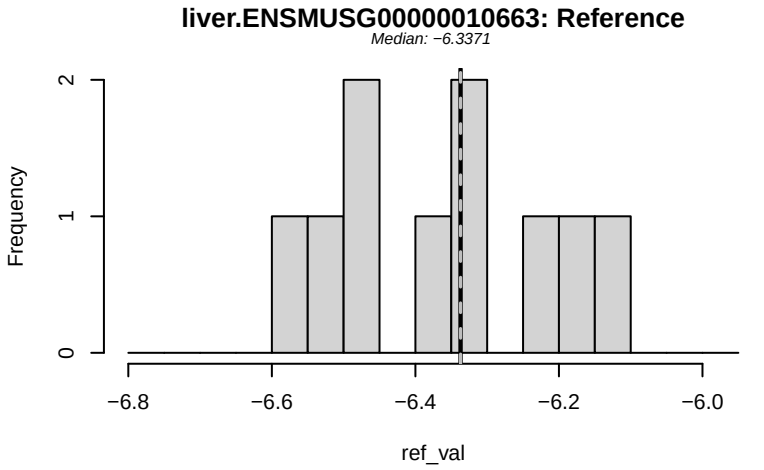

liver.ENSMUSG00000024990: Experimental
Median: −5.6286
p−val: 0.2983
Frequency
exp_val

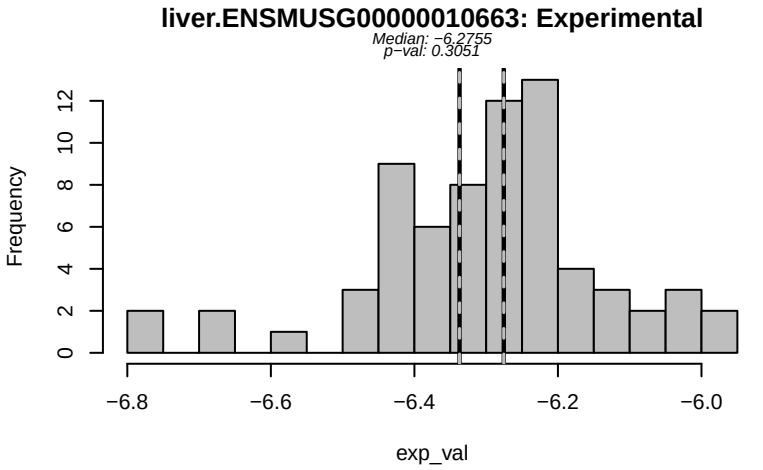

liver.ENSMUSG00000030104: Reference
Median: −7.2459
Frequency
ref_val

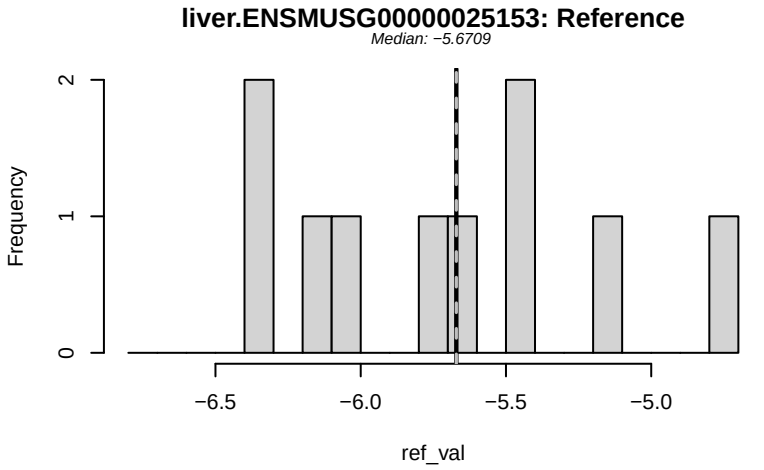

liver.ENSMUSG00000030104: Experimental
Median: −7.1940
p−val: 0.3051
Frequency
exp_val

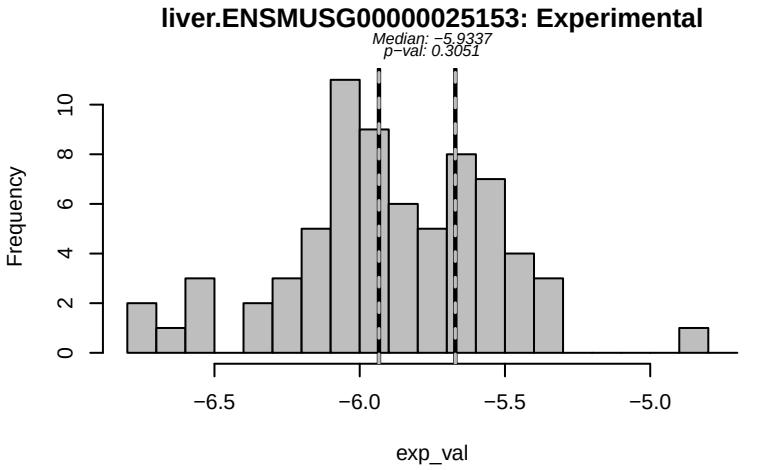

liver.ENSMUSG00000025137: Reference
Median: −6.9954
Frequency
ref_val

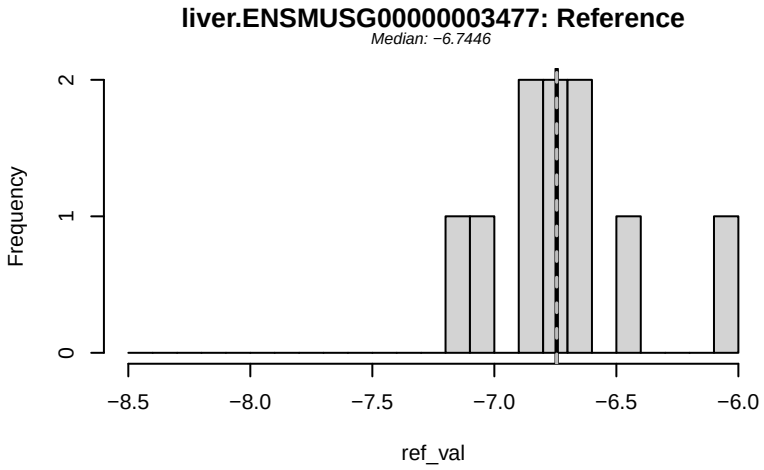

liver.ENSMUSG00000025137: Experimental
Median: −7.0745
p−val: 0.3051
Frequency
exp_val

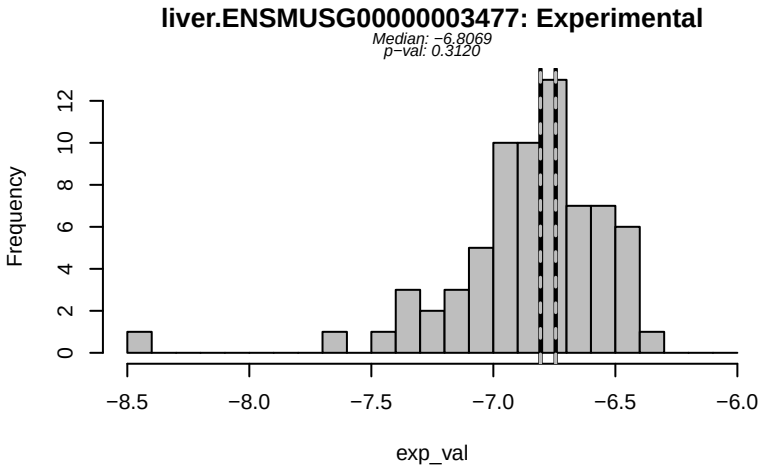

liver.ENSMUSG00000010663: Reference
Median: −6.3371
Frequency
ref_val

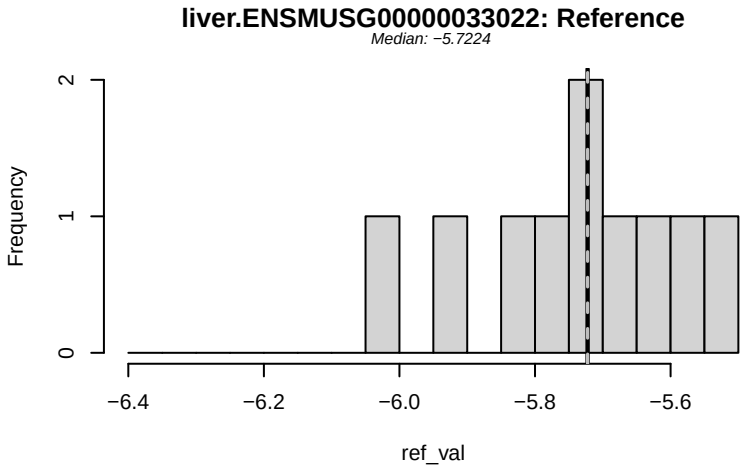

liver.ENSMUSG00000010663: Experimental
Median: −6.2755
p−val: 0.3051
Frequency
exp_val

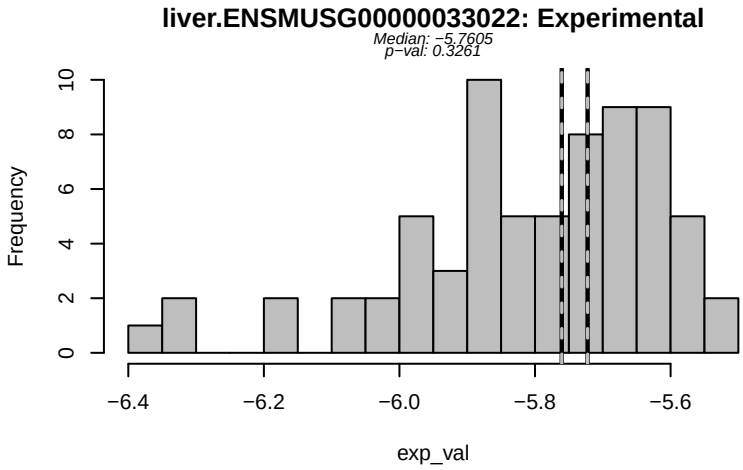

liver.ENSMUSG00000025153: Reference
Median: −5.6709
Frequency
ref_val

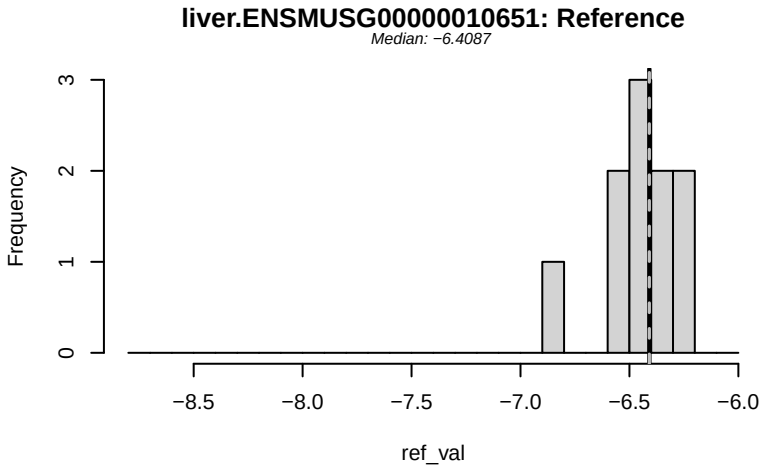

liver.ENSMUSG00000025153: Experimental
Median: −5.9337
p−val: 0.3051
Frequency
exp_val

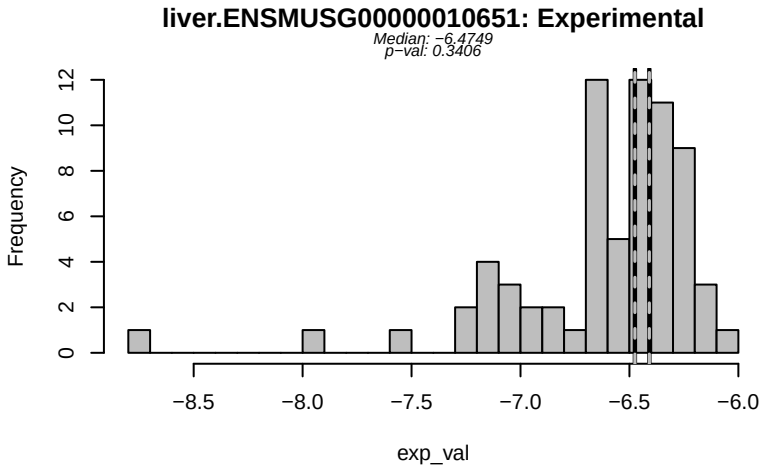

liver.ENSMUSG00000003477: Reference
Median: −6.7446
Frequency
ref_val

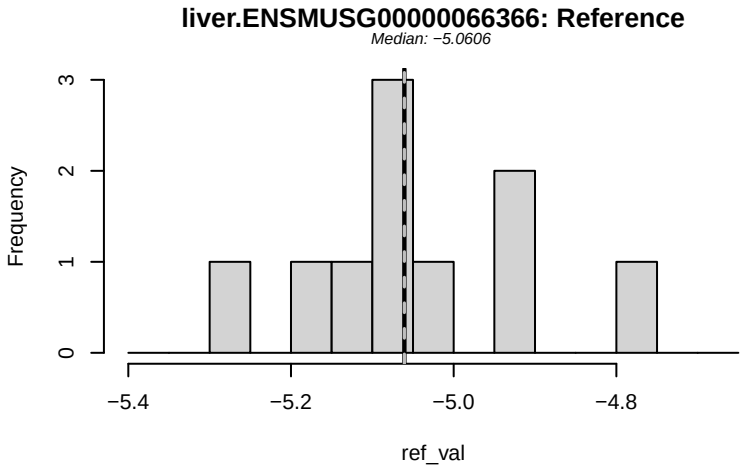

liver.ENSMUSG00000003477: Experimental
Median: −6.8069
p−val: 0.3120
Frequency
exp_val

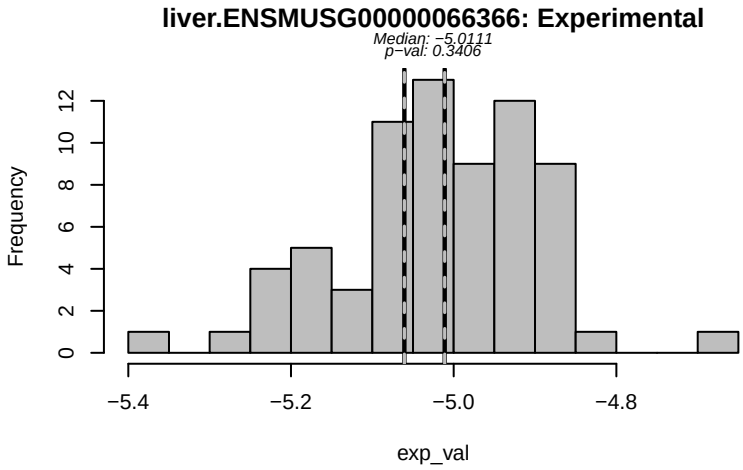

liver.ENSMUSG00000033022: Reference
Median: −5.7224
Frequency
ref_val

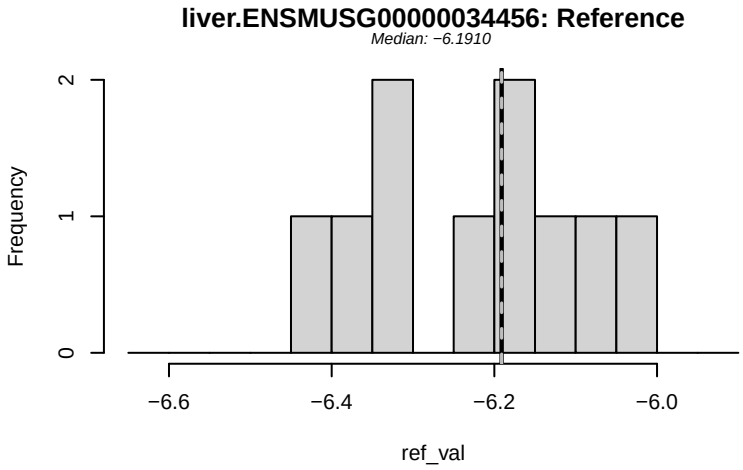

liver.ENSMUSG00000033022: Experimental
Median: −5.7605
p−val: 0.3261
Frequency
exp_val

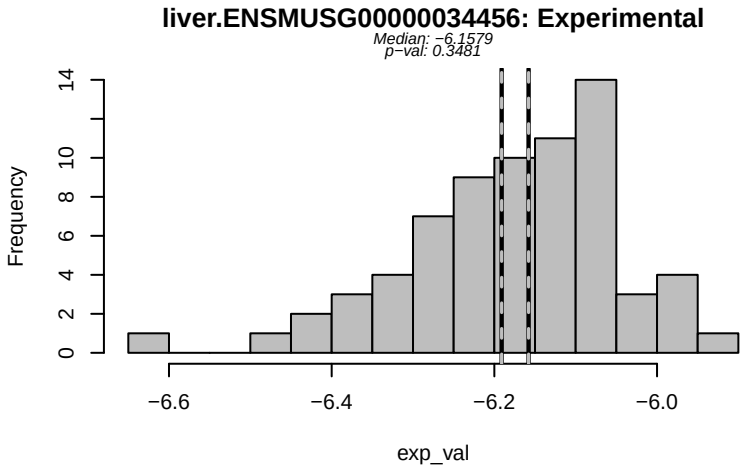

liver.ENSMUSG00000010651: Reference
Median: −6.4087
Frequency
ref_val

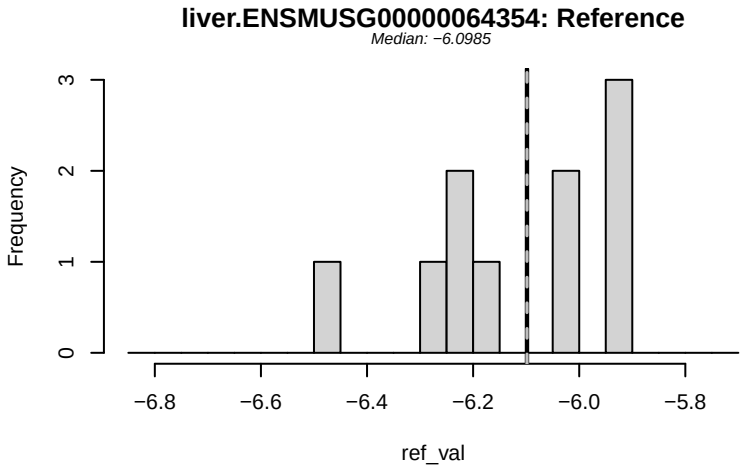

liver.ENSMUSG00000010651: Experimental
Median: −6.4749
p−val: 0.3406
Frequency
exp_val

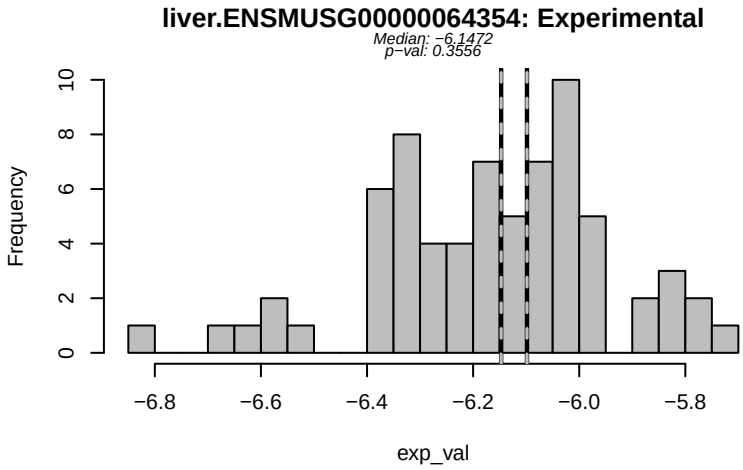

liver.ENSMUSG00000066366: Reference
Median: −5.0606
Frequency
ref_val

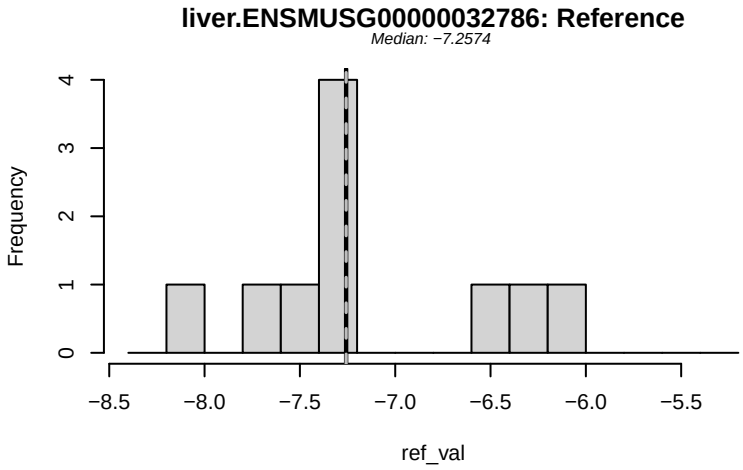

liver.ENSMUSG00000066366: Experimental
Median: −5.0111
p−val: 0.3406
Frequency
exp_val

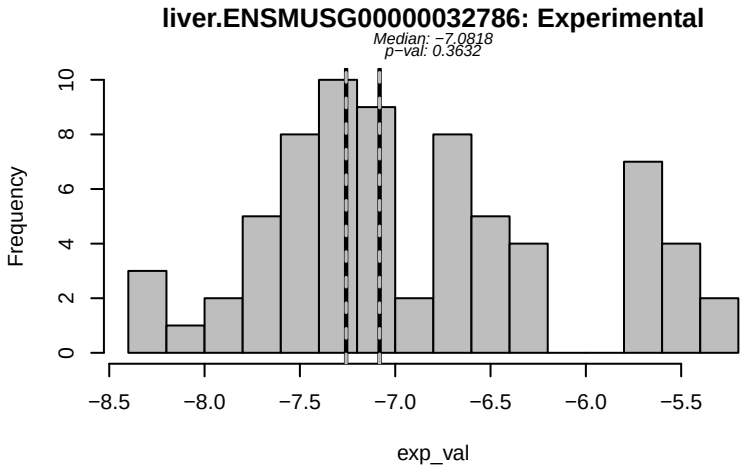

liver.ENSMUSG00000034456: Reference
Median: −6.1910
Frequency
ref_val

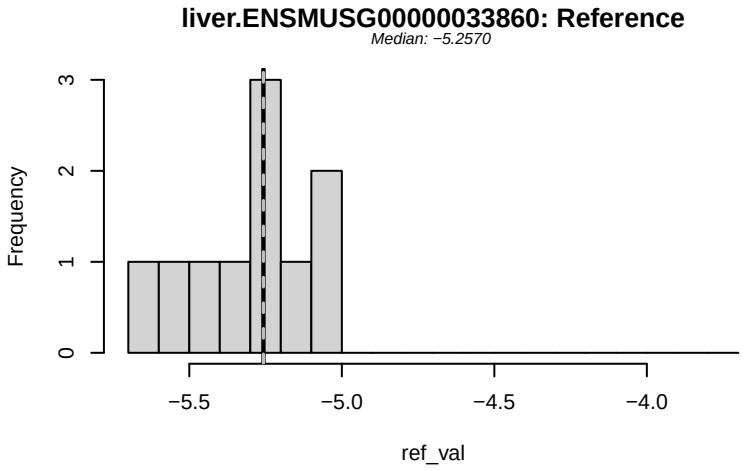

liver.ENSMUSG00000034456: Experimental
Median: −6.1579
p−val: 0.3481
Frequency
exp_val

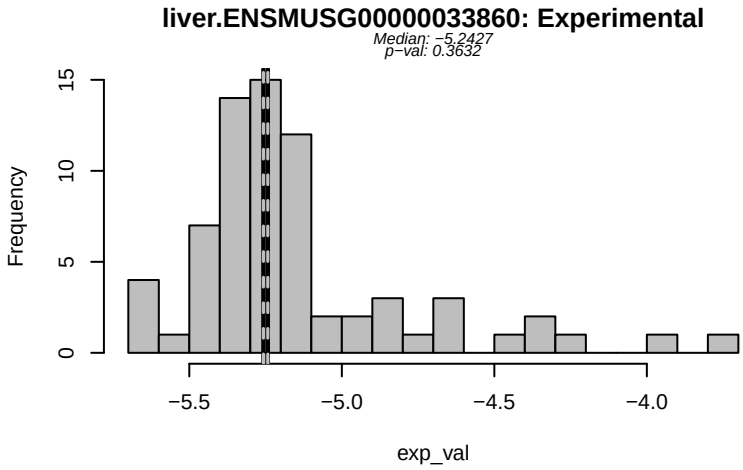

liver.ENSMUSG00000064354: Reference
Median: −6.0985
Frequency
ref_val

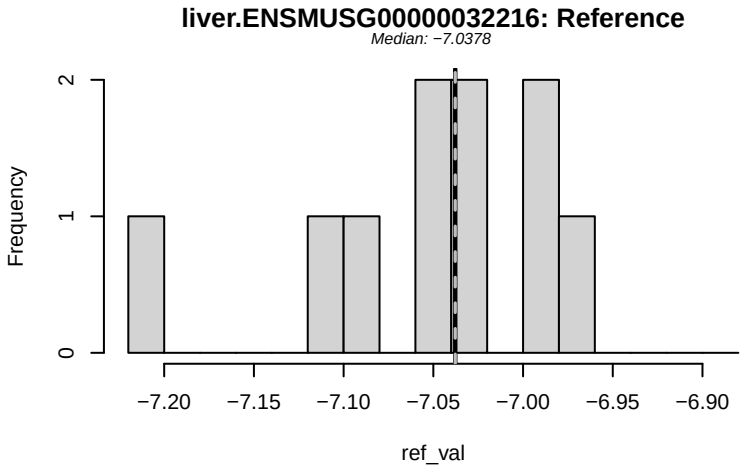

liver.ENSMUSG00000064354: Experimental
Median: −6.1472
p−val: 0.3556
Frequency
exp_val

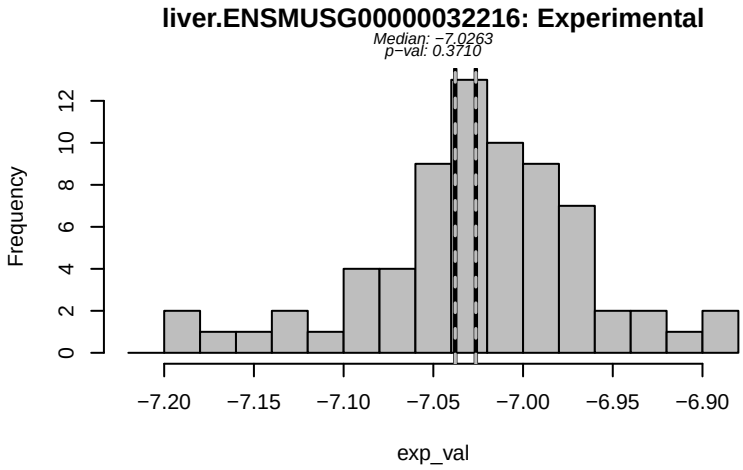

liver.ENSMUSG00000032786: Reference
Median: −7.2574
Frequency
ref_val

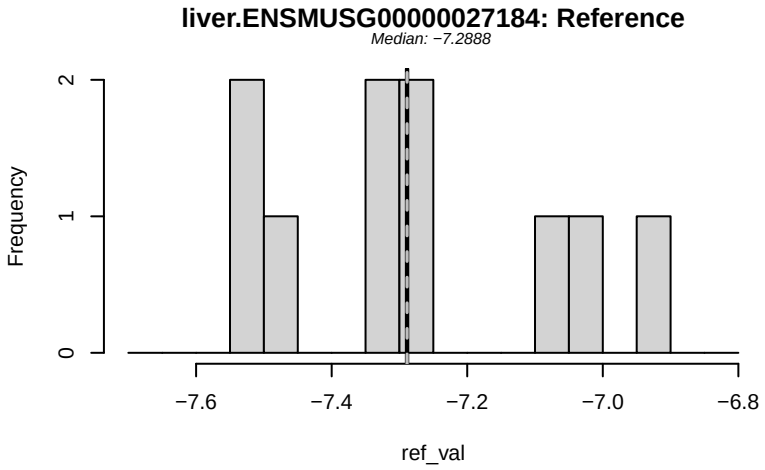

liver.ENSMUSG00000032786: Experimental
Median: −7.0818
p−val: 0.3632
Frequency
exp_val

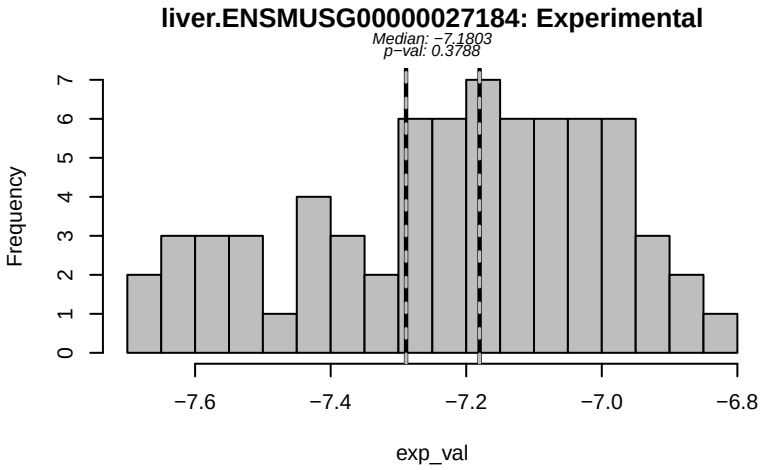

liver.ENSMUSG00000033860: Reference
Median: −5.2570
Frequency
ref_val

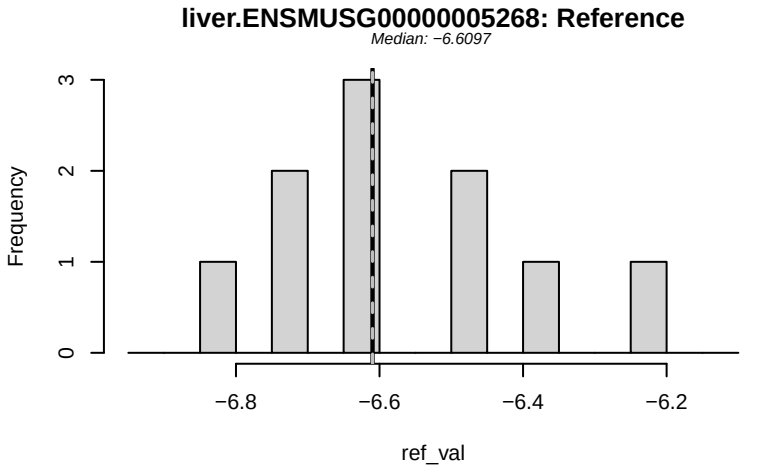

liver.ENSMUSG00000033860: Experimental
Median: −5.2427
p−val: 0.3632
Frequency
exp_val

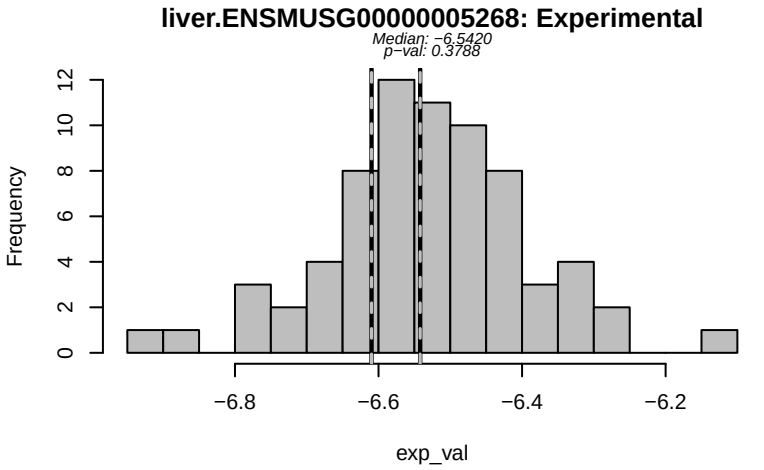

liver.ENSMUSG00000032216: Reference
Median: −7.0378
Frequency
ref_val

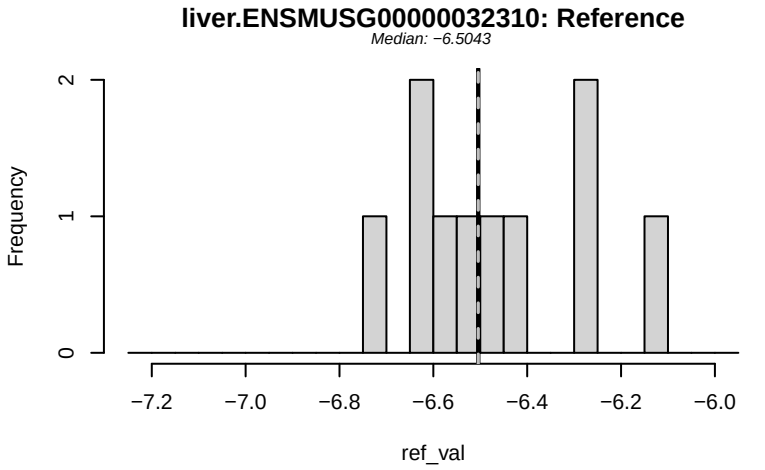

liver.ENSMUSG00000032216: Experimental
Median: −7.0263
p−val: 0.3710
Frequency
exp_val

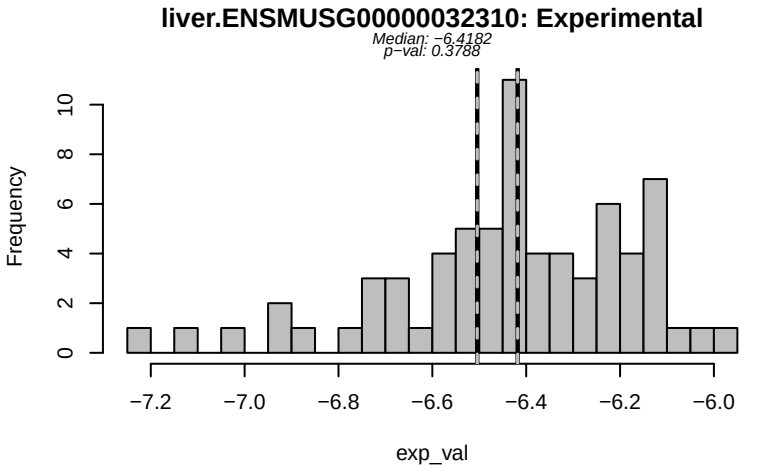

liver.ENSMUSG00000027184: Reference
Median: −7.2888
Frequency
ref_val

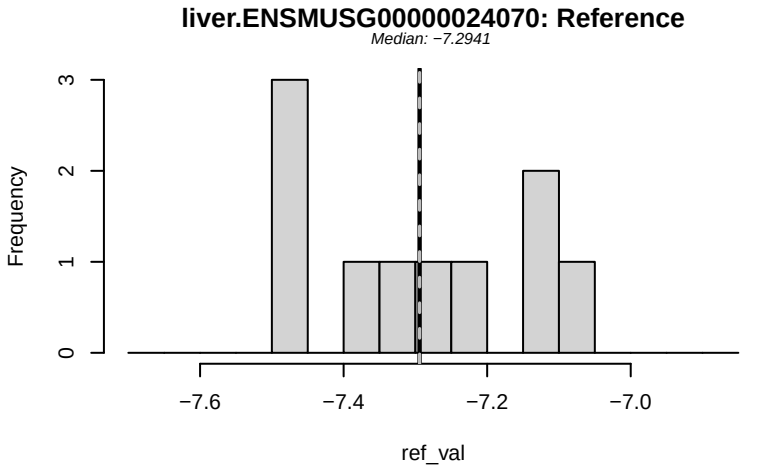

liver.ENSMUSG00000027184: Experimental
Median: −7.1803
p−val: 0.3788
Frequency
exp_val

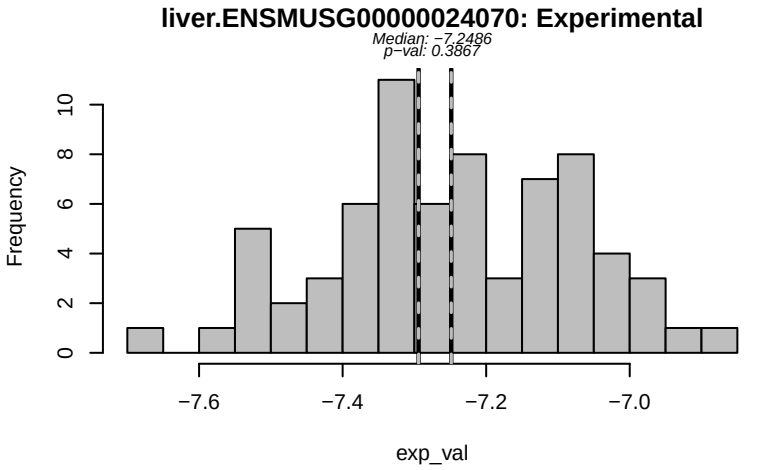

liver.ENSMUSG00000005268: Reference
Median: −6.6097
Frequency
ref_val

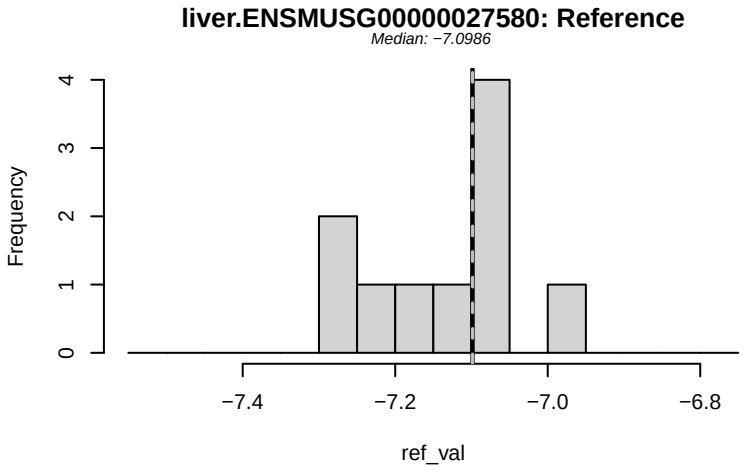

liver.ENSMUSG00000005268: Experimental
Median: −6.5420
p−val: 0.3788
Frequency
exp_val

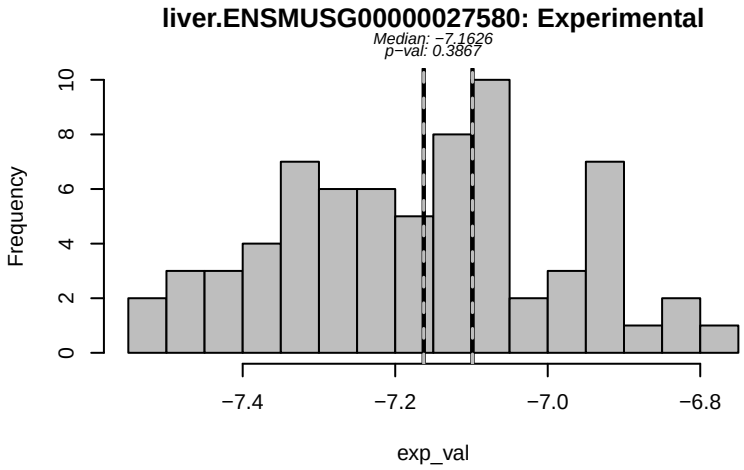

liver.ENSMUSG00000032310: Reference
Median: −6.5043
Frequency
ref_val

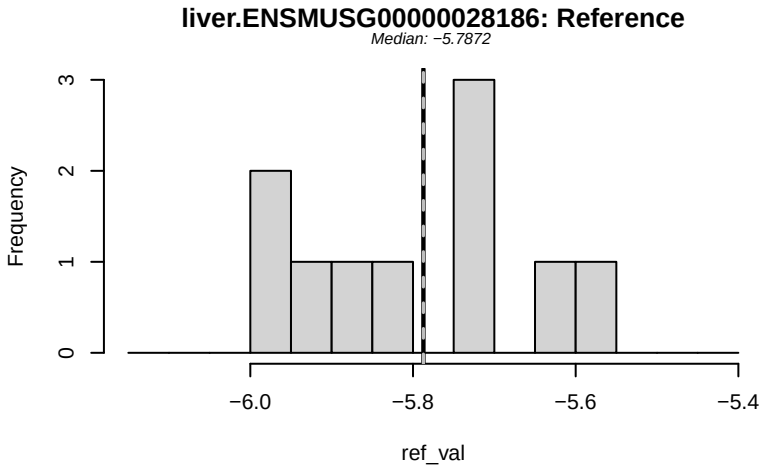

liver.ENSMUSG00000032310: Experimental
Median: −6.4182
p−val: 0.3788
Frequency
exp_val

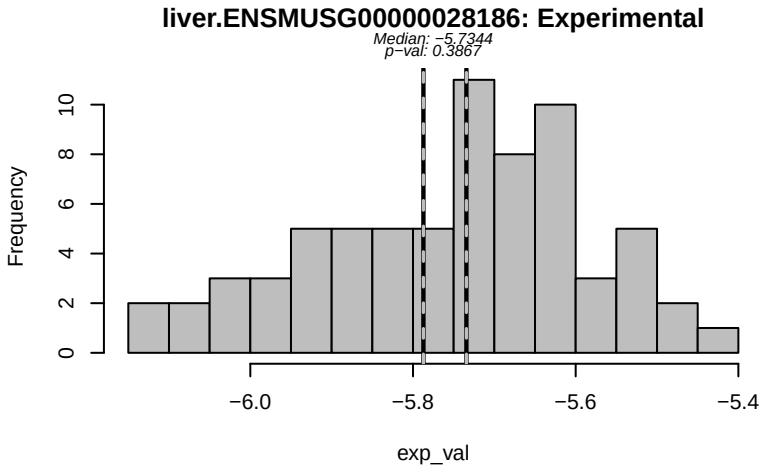

liver.ENSMUSG00000024070: Reference
Median: −7.2941
Frequency
ref_val

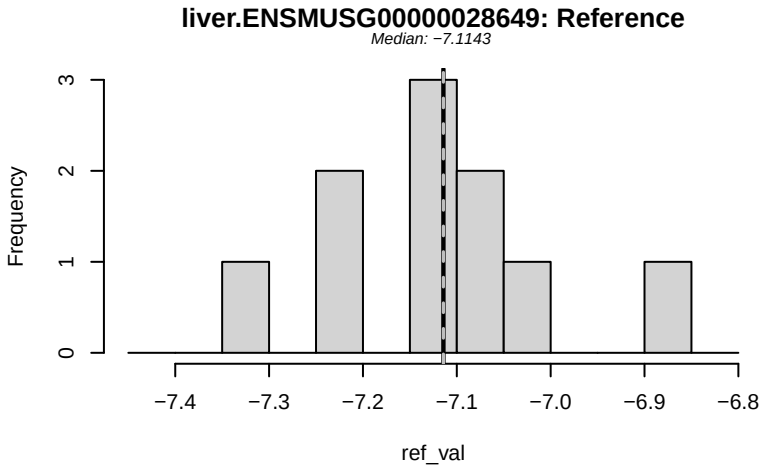

liver.ENSMUSG00000024070: Experimental
Median: −7.2486
p−val: 0.3867
Frequency
exp_val

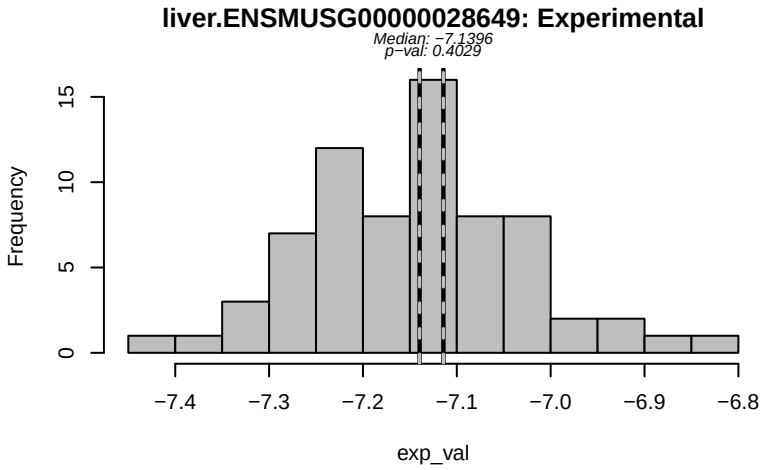

liver.ENSMUSG00000027580: Reference
Median: −7.0986
Frequency
ref_val

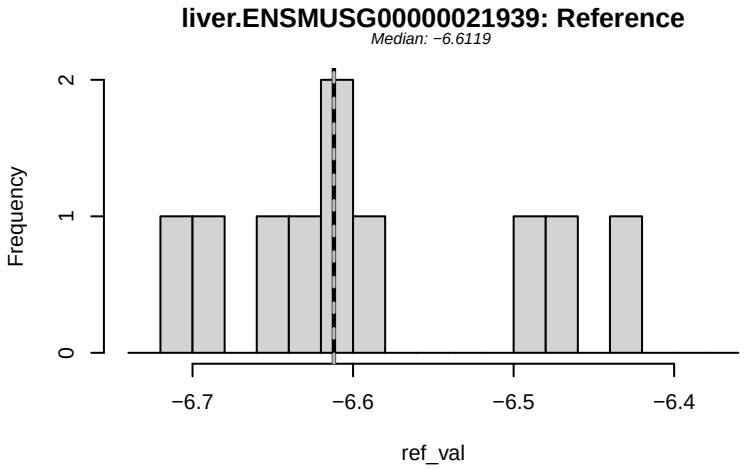

liver.ENSMUSG00000027580: Experimental
Median: −7.1626
p−val: 0.3867
Frequency
exp_val

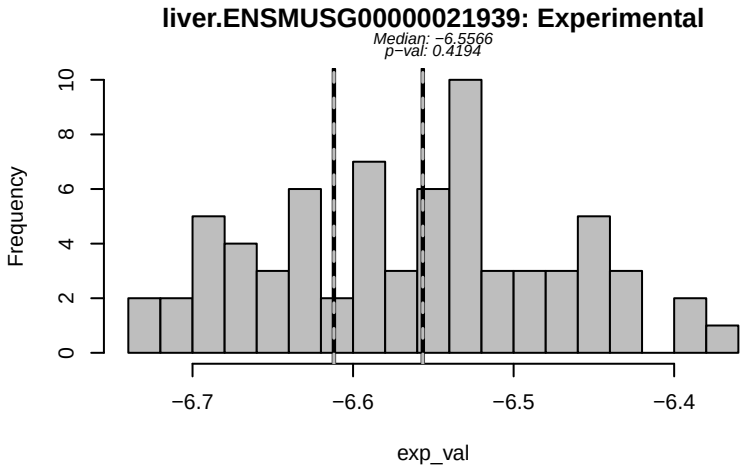

liver.ENSMUSG00000028186: Reference
Median: −5.7872
Frequency
ref_val

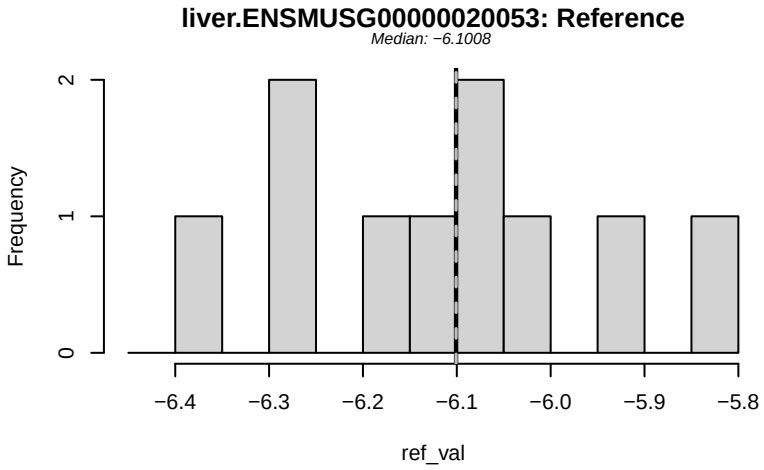

liver.ENSMUSG00000028186: Experimental
Median: −5.7344
p−val: 0.3867
Frequency
exp_val

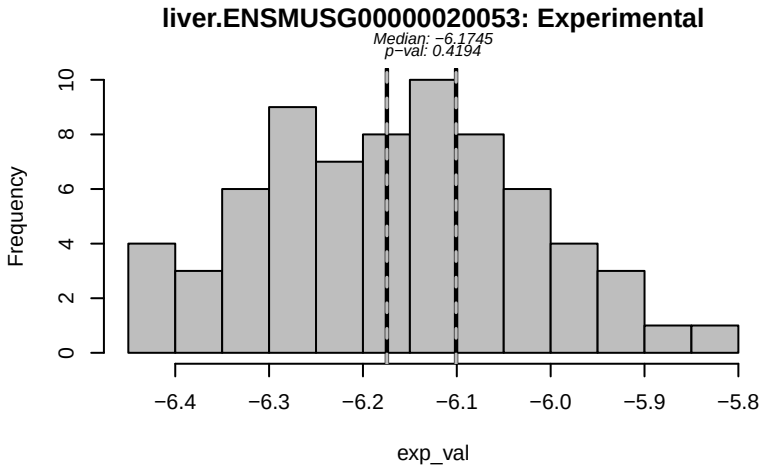

liver.ENSMUSG00000028649: Reference
Median: −7.1143
Frequency
ref_val

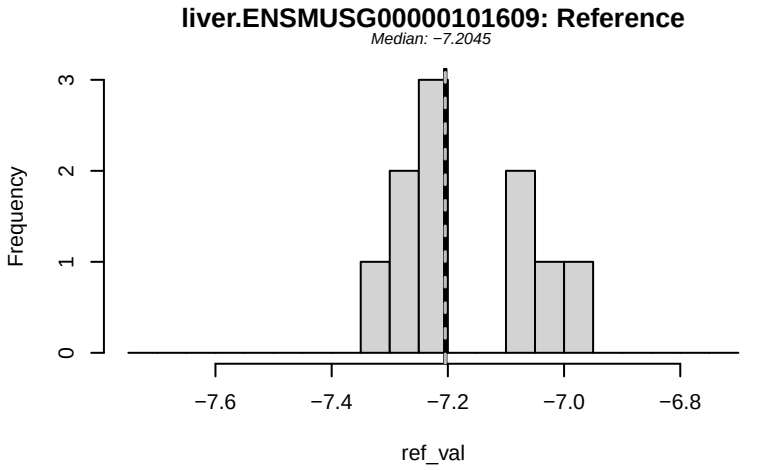

liver.ENSMUSG00000028649: Experimental
Median: −7.1396
p−val: 0.4029
Frequency
exp_val

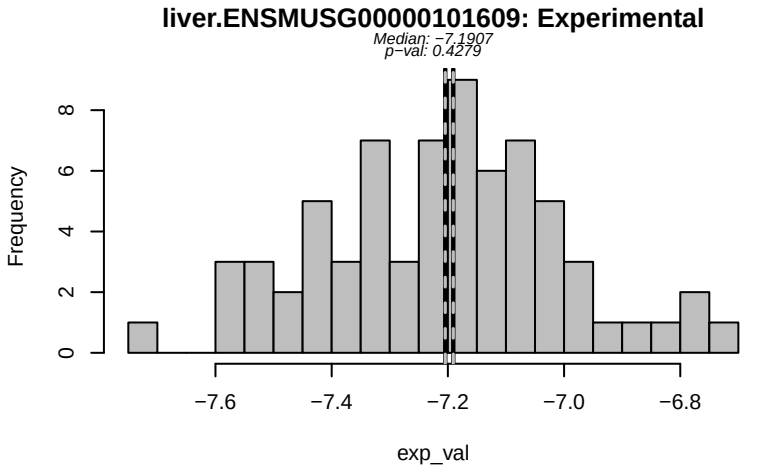

liver.ENSMUSG00000021939: Reference
Median: −6.6119
Frequency
ref_val

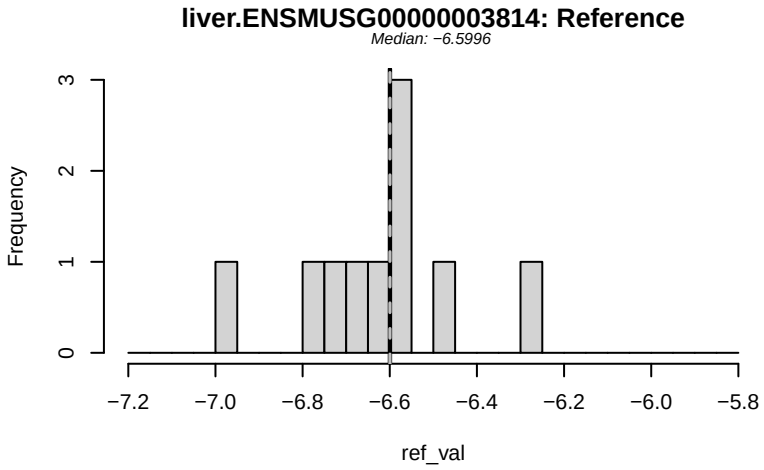

liver.ENSMUSG00000021939: Experimental
Median: −6.5566
p−val: 0.4194
Frequency
exp_val

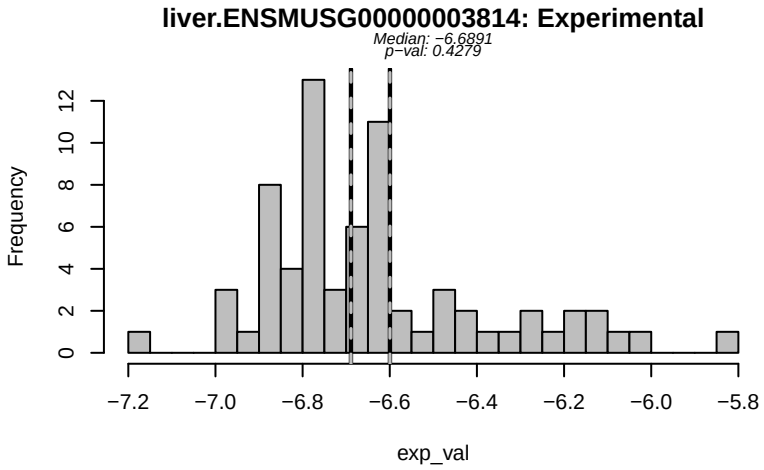

liver.ENSMUSG00000020053: Reference
Median: −6.1008
Frequency
ref_val

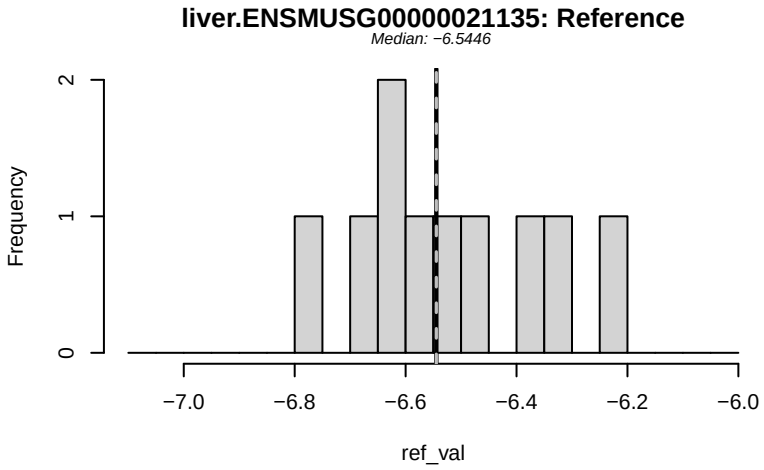

liver.ENSMUSG00000020053: Experimental
Median: −6.1745
p−val: 0.4194
Frequency
exp_val

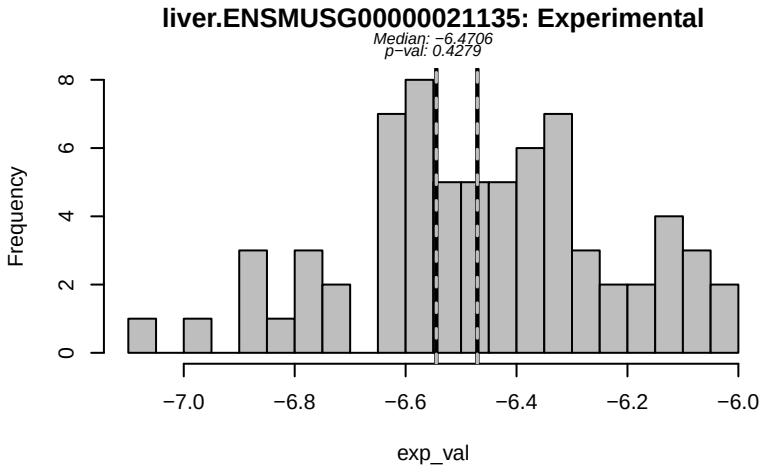

liver.ENSMUSG00000101609: Reference
Median: −7.2045
Frequency
ref_val

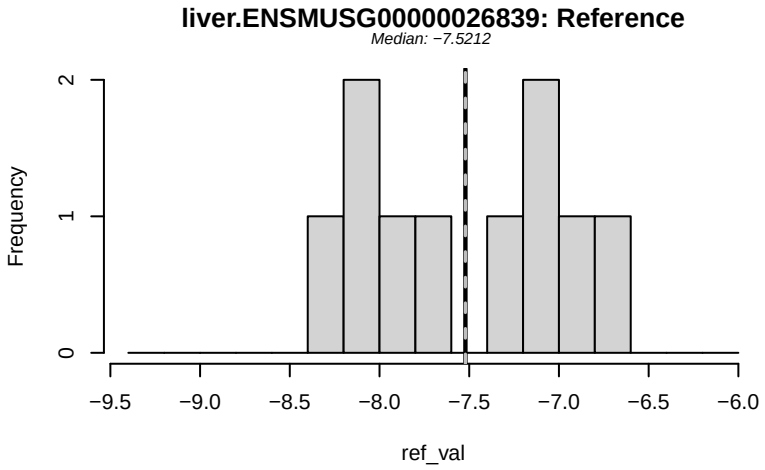

liver.ENSMUSG00000101609: Experimental
Median: −7.1907
p−val: 0.4279
Frequency
exp_val

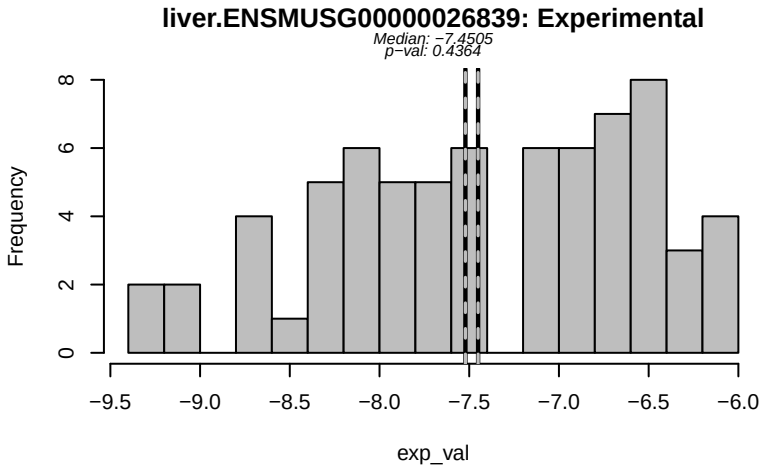

liver.ENSMUSG00000003814: Reference
Median: −6.5996
Frequency
ref_val

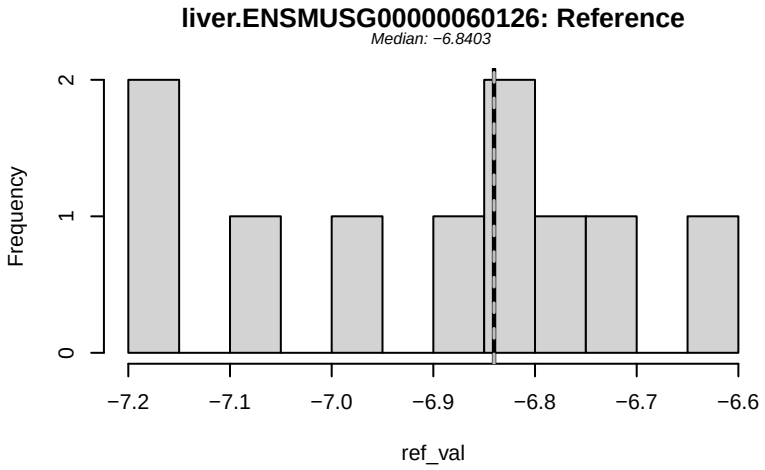

liver.ENSMUSG00000003814: Experimental
Median: −6.6891
p−val: 0.4279
Frequency
exp_val

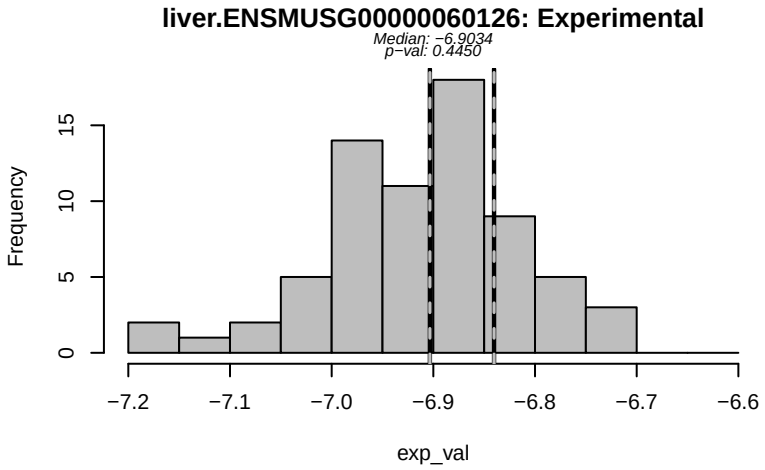

liver.ENSMUSG00000021135: Reference
Median: −6.5446
Frequency
ref_val

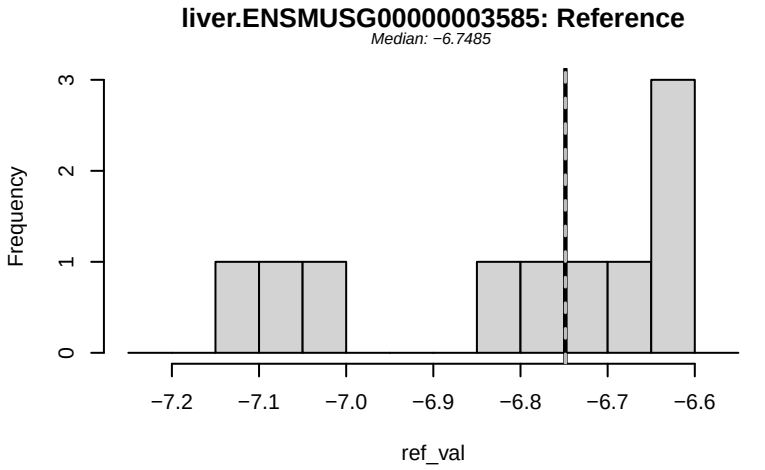

liver.ENSMUSG00000021135: Experimental
Median: −6.4706
p−val: 0.4279
Frequency
exp_val

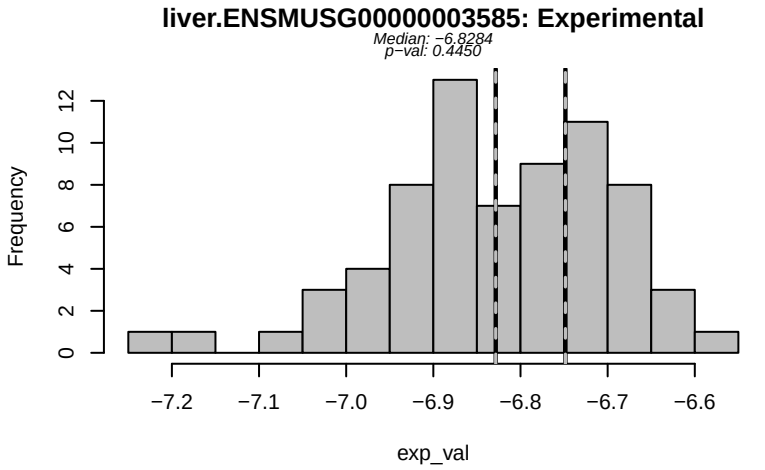

liver.ENSMUSG00000026839: Reference
Median: −7.5212
Frequency
ref_val

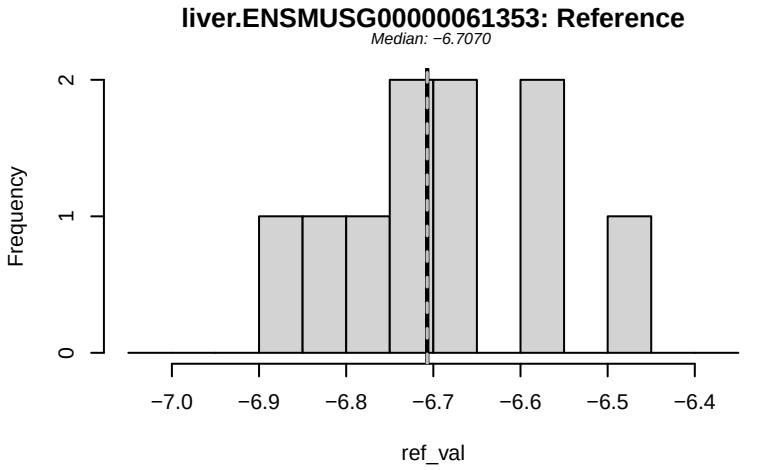

liver.ENSMUSG00000026839: Experimental
Median: −7.4505
p−val: 0.4364
Frequency
exp_val

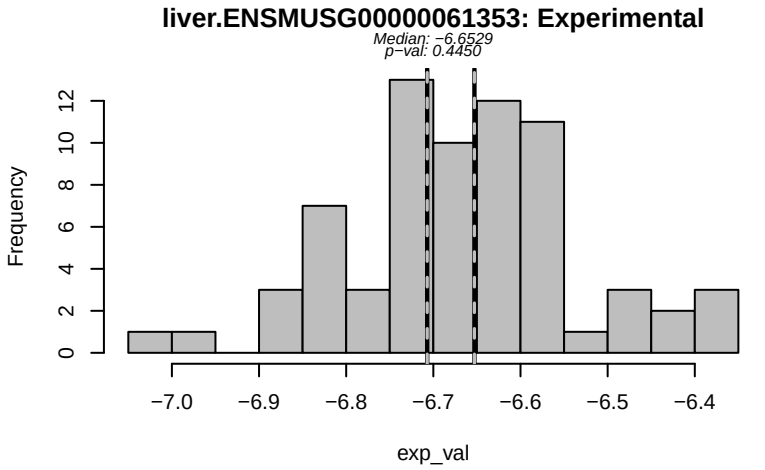

liver.ENSMUSG00000060126: Reference
Median: −6.8403
Frequency
ref_val

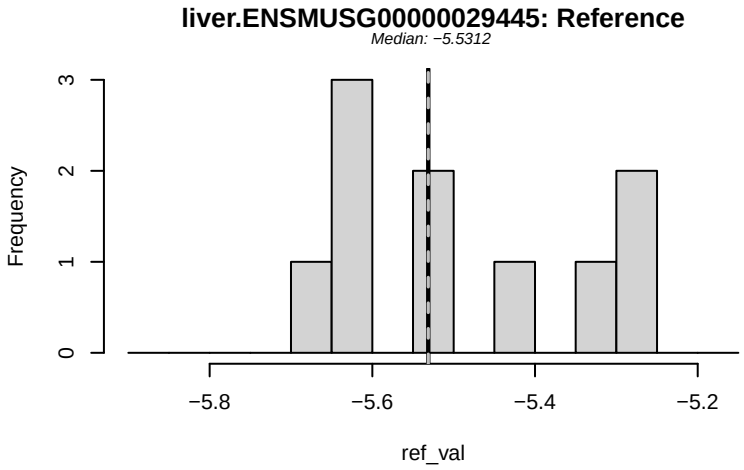

liver.ENSMUSG00000060126: Experimental
Median: −6.9034
p−val: 0.4450
Frequency
exp_val

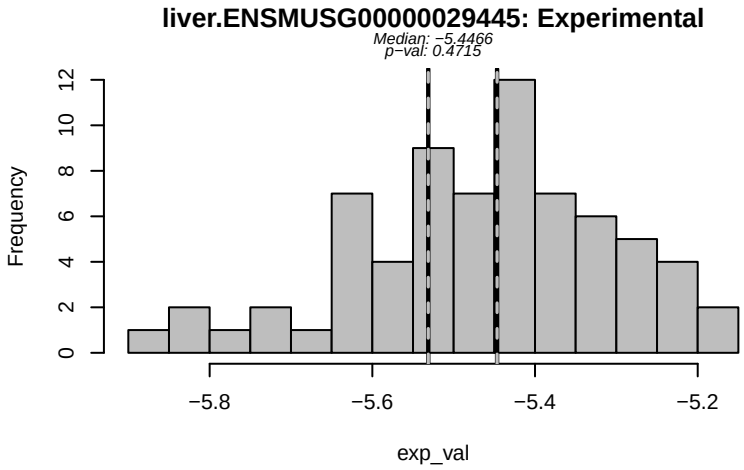

liver.ENSMUSG00000003585: Reference
Median: −6.7485
Frequency
ref_val

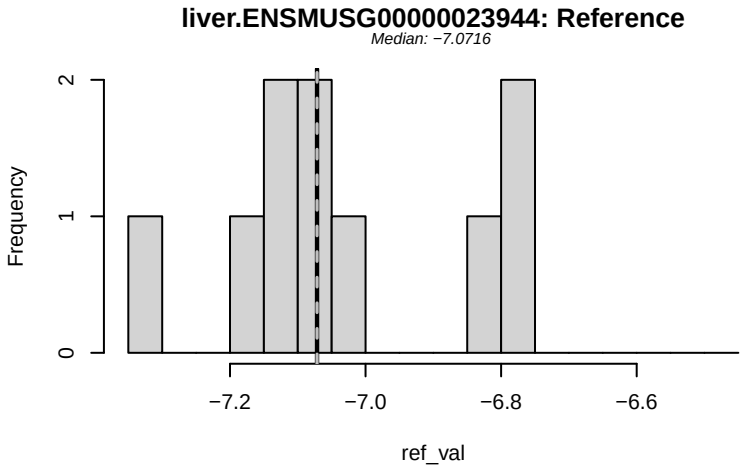

liver.ENSMUSG00000003585: Experimental
Median: −6.8284
p−val: 0.4450
Frequency
exp_val

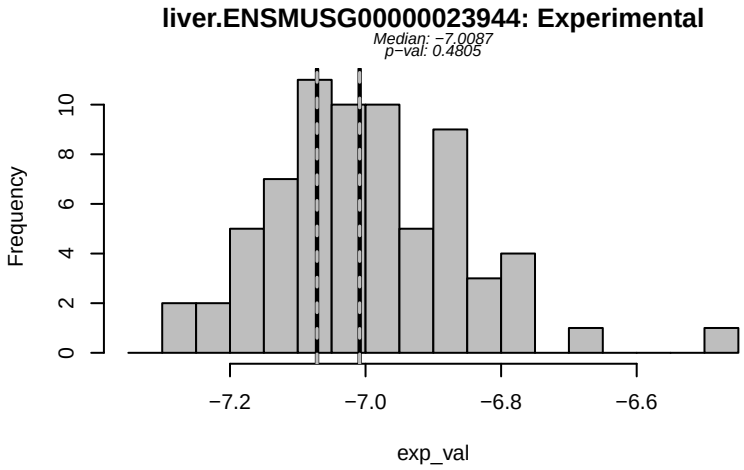

liver.ENSMUSG00000061353: Reference
Median: −6.7070
Frequency
ref_val

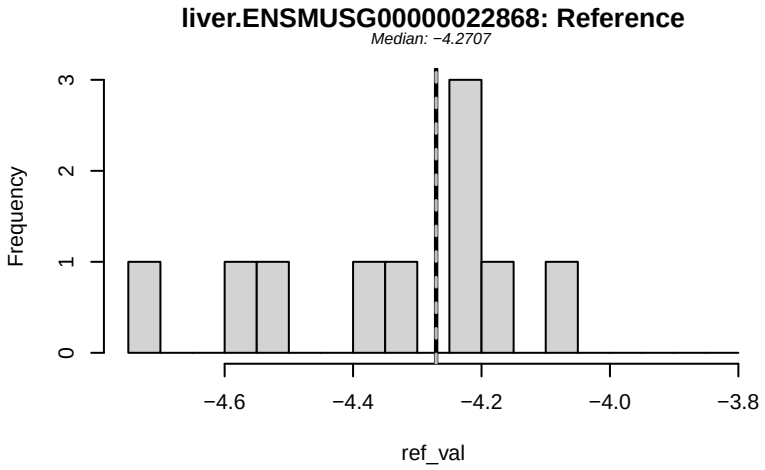

liver.ENSMUSG00000061353: Experimental
Median: −6.6529
p−val: 0.4450
Frequency
exp_val

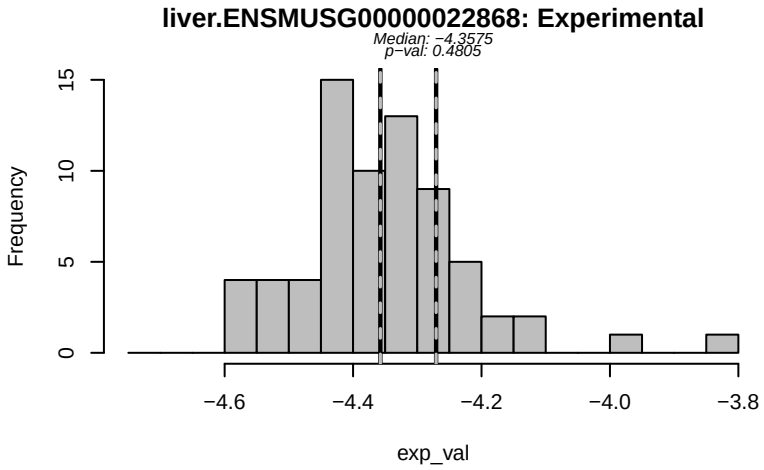

liver.ENSMUSG00000029445: Reference
Median: −5.5312
Frequency
ref_val

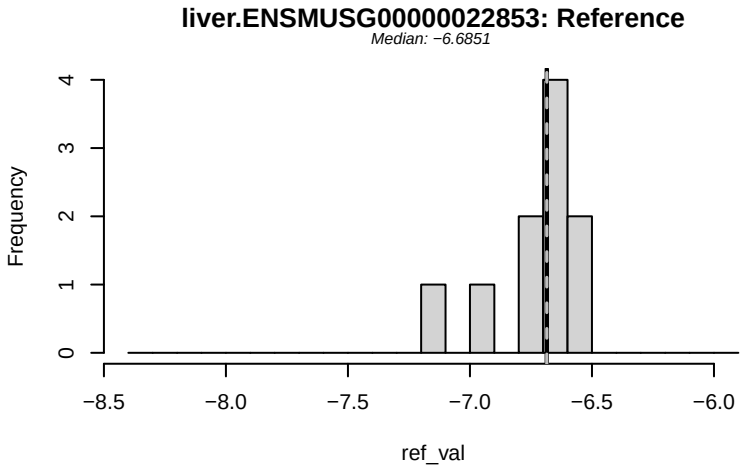

liver.ENSMUSG00000029445: Experimental
Median: −5.4466
p−val: 0.4715
Frequency
exp_val

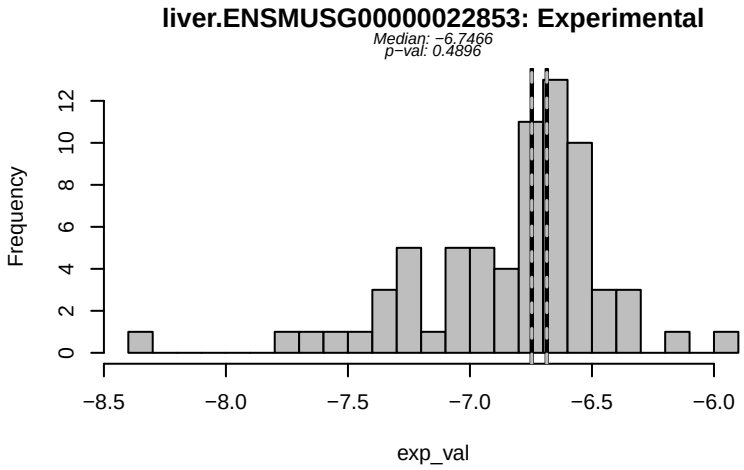

liver.ENSMUSG00000023944: Reference
Median: −7.0716
Frequency
ref_val

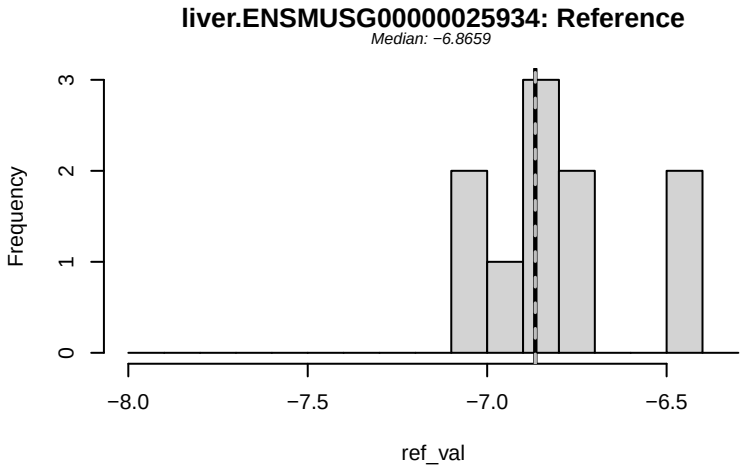

liver.ENSMUSG00000023944: Experimental
Median: −7.0087
p−val: 0.4805
Frequency
exp_val

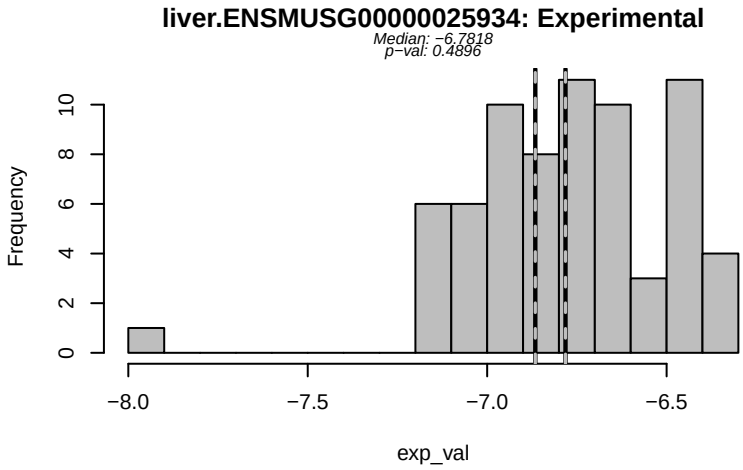

liver.ENSMUSG00000022868: Reference
Median: −4.2707
Frequency
ref_val

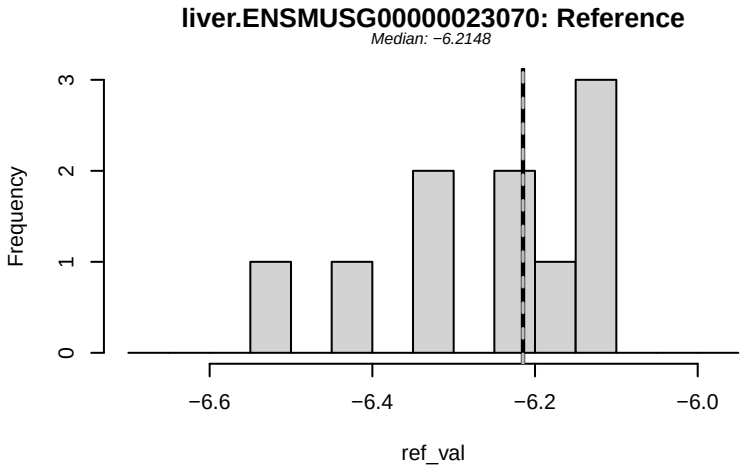

liver.ENSMUSG00000022868: Experimental
Median: −4.3575
p−val: 0.4805
Frequency
exp_val

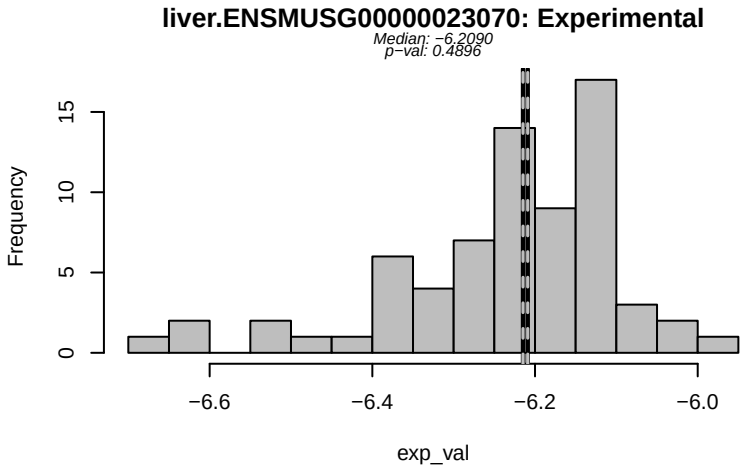

liver.ENSMUSG00000022853: Reference
Median: −6.6851
Frequency
ref_val

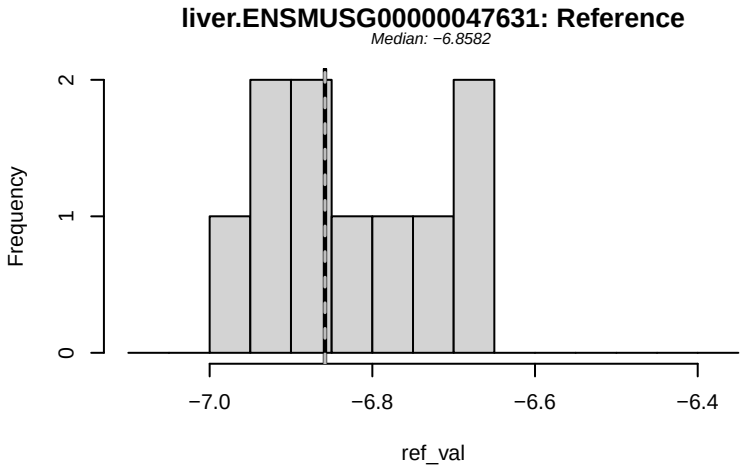

liver.ENSMUSG00000022853: Experimental
Median: −6.7466
p−val: 0.4896
Frequency
exp_val

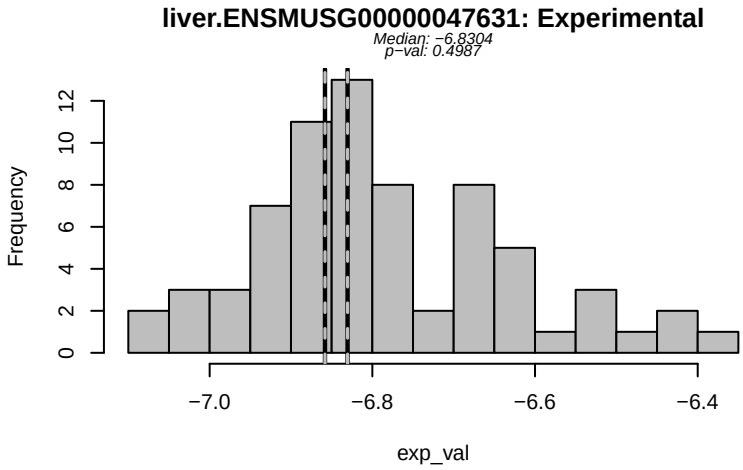

liver.ENSMUSG00000025934: Reference
Median: −6.8659
Frequency
ref_val

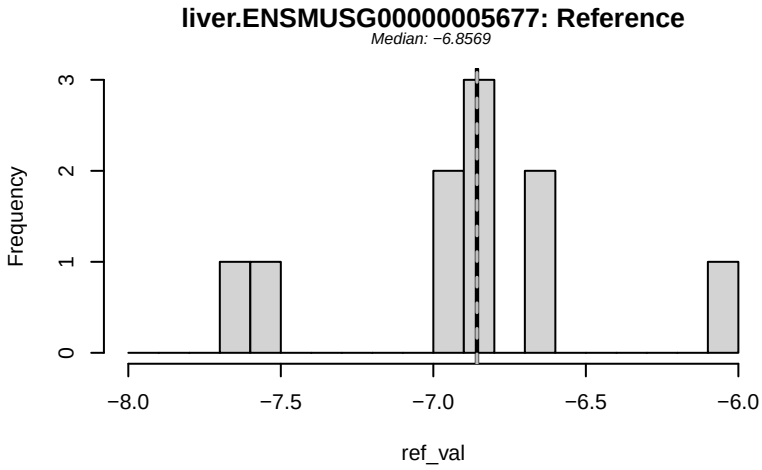

liver.ENSMUSG00000025934: Experimental
Median: −6.7818
p−val: 0.4896
Frequency
exp_val

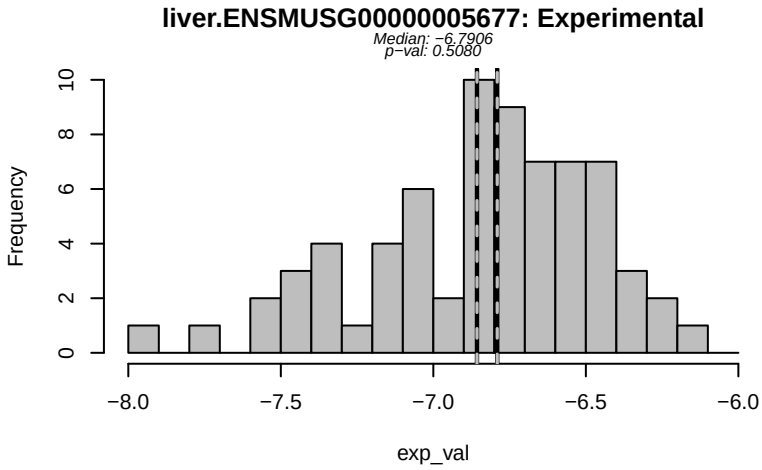

liver.ENSMUSG00000023070: Reference
Median: −6.2148
Frequency
ref_val

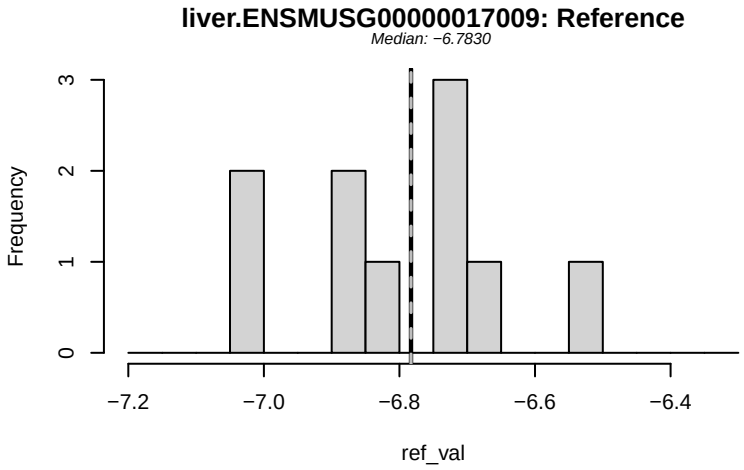

liver.ENSMUSG00000023070: Experimental
Median: −6.2090
p−val: 0.4896
Frequency
exp_val

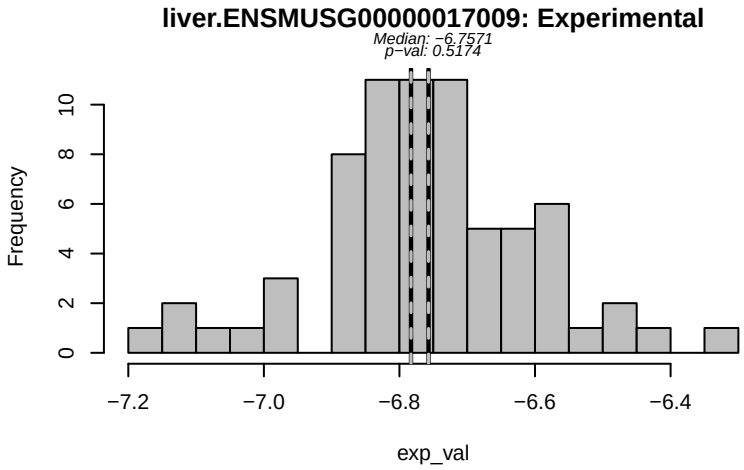

liver.ENSMUSG00000047631: Reference
Median: −6.8582
Frequency
ref_val

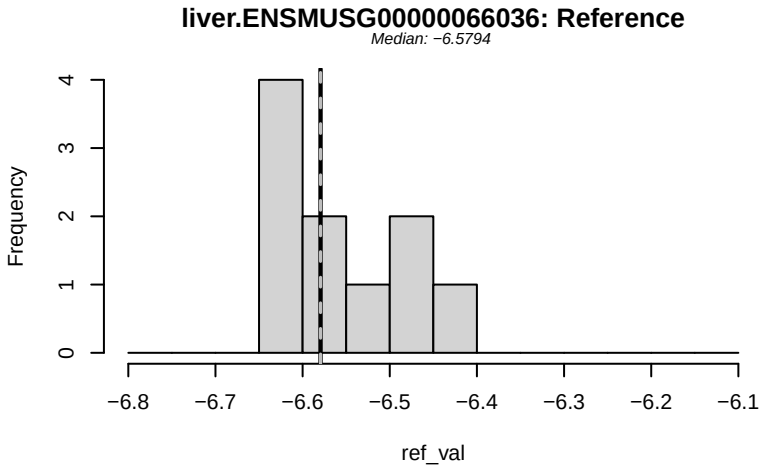

liver.ENSMUSG00000047631: Experimental
Median: −6.8304
p−val: 0.4987
Frequency
exp_val

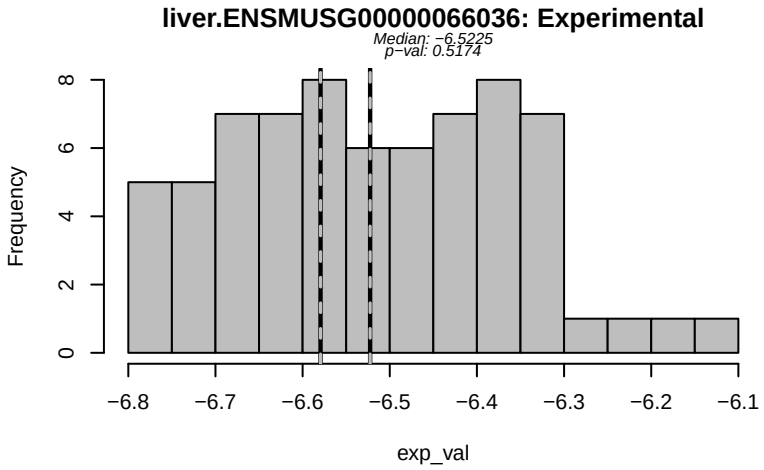

liver.ENSMUSG00000005677: Reference
Median: −6.8569
Frequency
ref_val

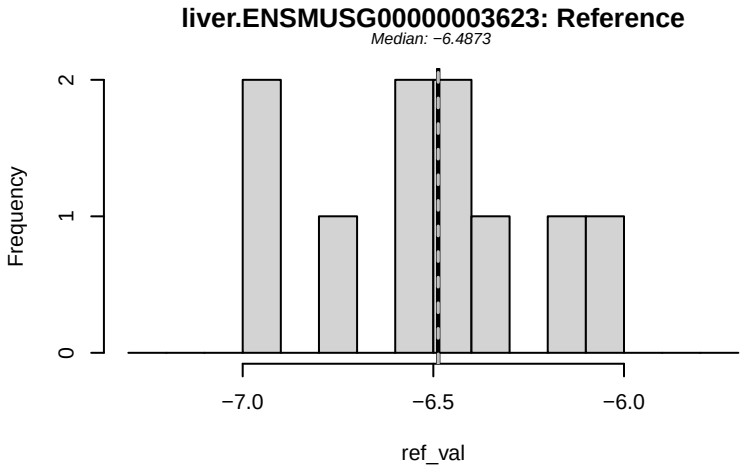

liver.ENSMUSG00000005677: Experimental
Median: −6.7906
p−val: 0.5080
Frequency
exp_val

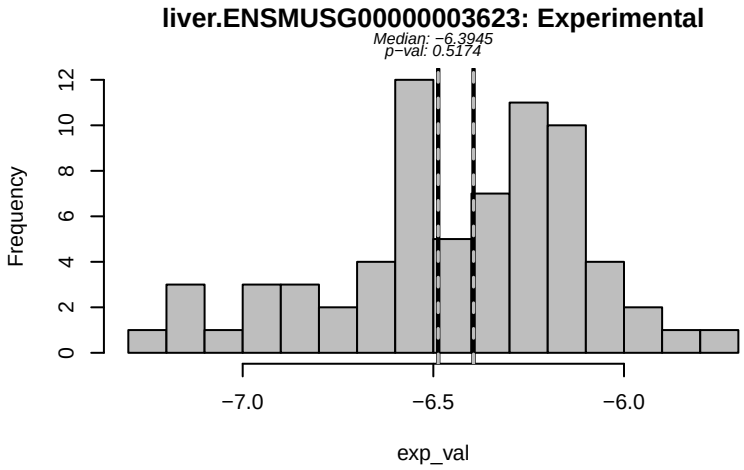

liver.ENSMUSG00000017009: Reference
Median: −6.7830
Frequency
ref_val

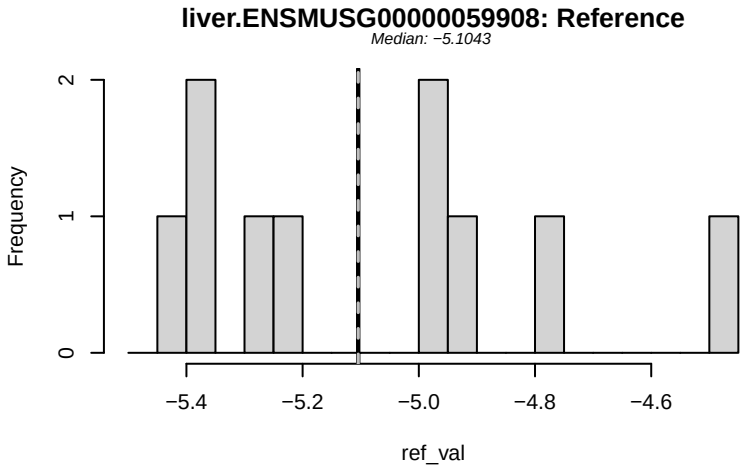

liver.ENSMUSG00000017009: Experimental
Median: −6.7571
p−val: 0.5174
Frequency
exp_val

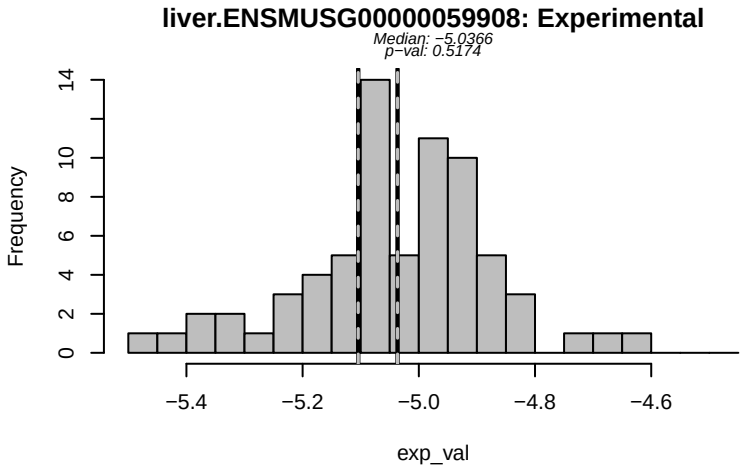

liver.ENSMUSG00000066036: Reference
Median: −6.5794
Frequency
ref_val

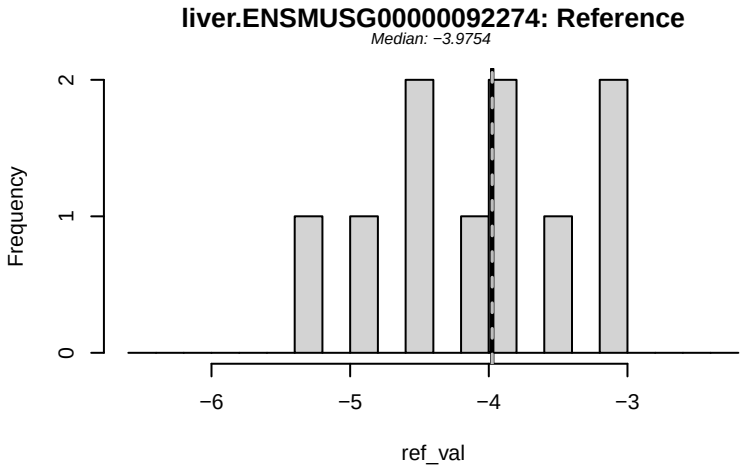

liver.ENSMUSG00000066036: Experimental
Median: −6.5225
p−val: 0.5174
Frequency
exp_val

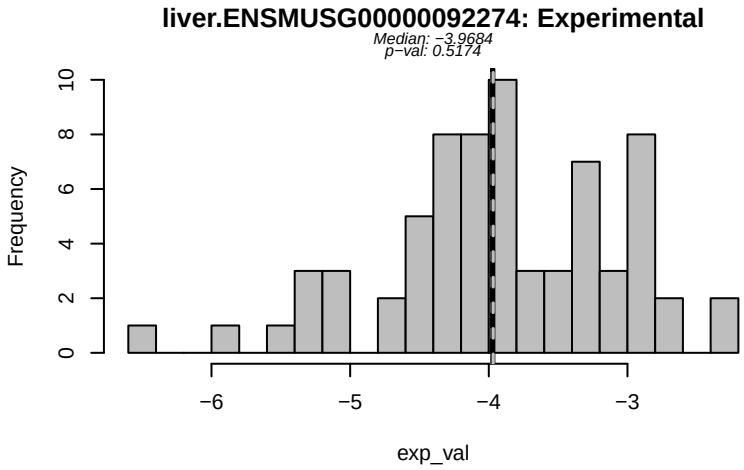

liver.ENSMUSG00000003623: Reference
Median: −6.4873
Frequency
ref_val

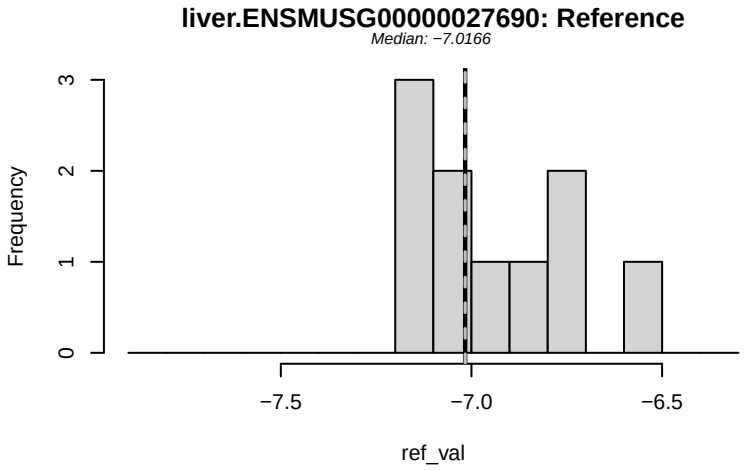

liver.ENSMUSG00000003623: Experimental
Median: −6.3945
p−val: 0.5174
Frequency
exp_val

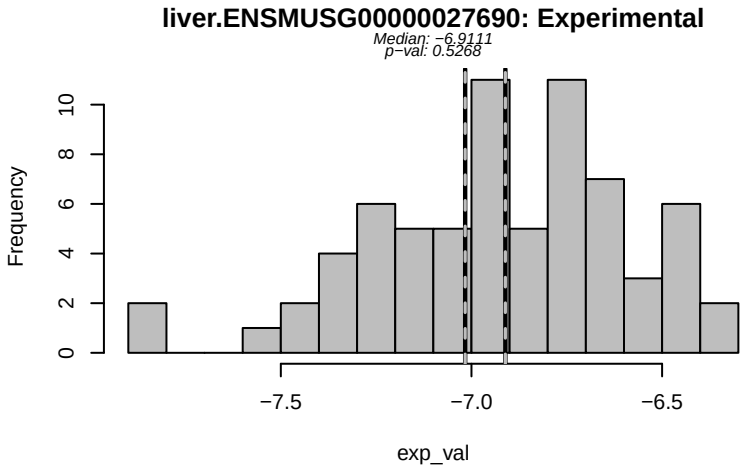

liver.ENSMUSG00000059908: Reference
Median: −5.1043
Frequency
ref_val

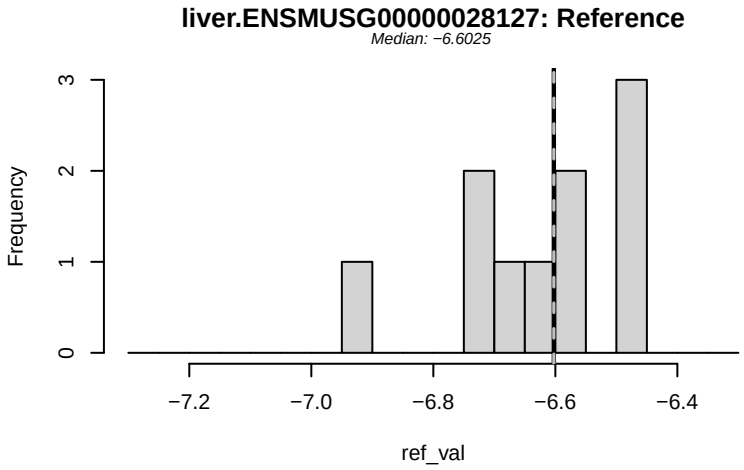

liver.ENSMUSG00000059908: Experimental
Median: −5.0366
p−val: 0.5174
Frequency
exp_val

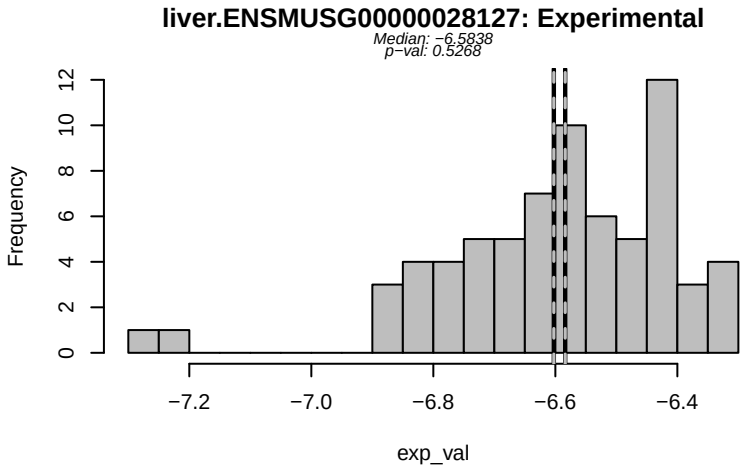

liver.ENSMUSG00000092274: Reference
Median: −3.9754
Frequency
ref_val

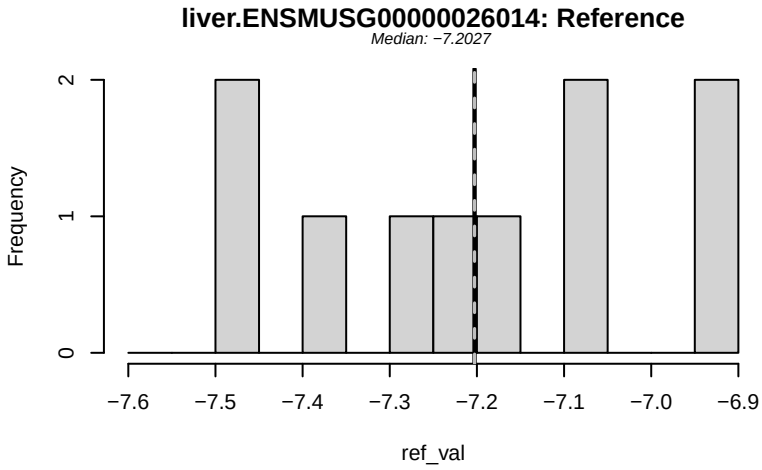

liver.ENSMUSG00000092274: Experimental
Median: −3.9684
p−val: 0.5174
Frequency
exp_val

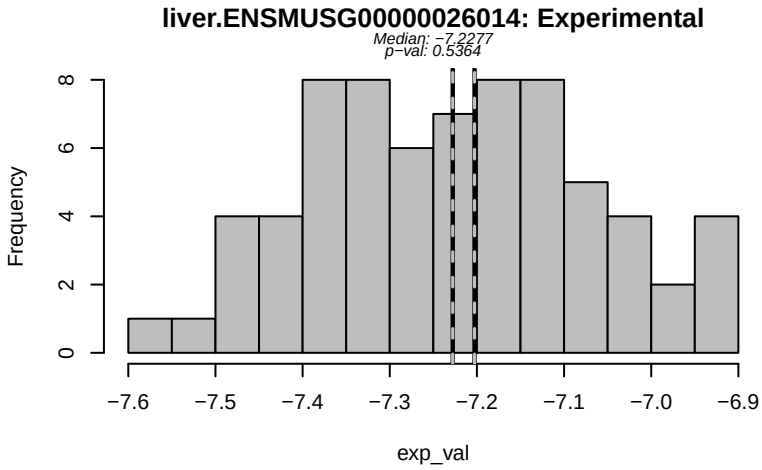

liver.ENSMUSG00000027690: Reference
Median: −7.0166
Frequency
ref_val

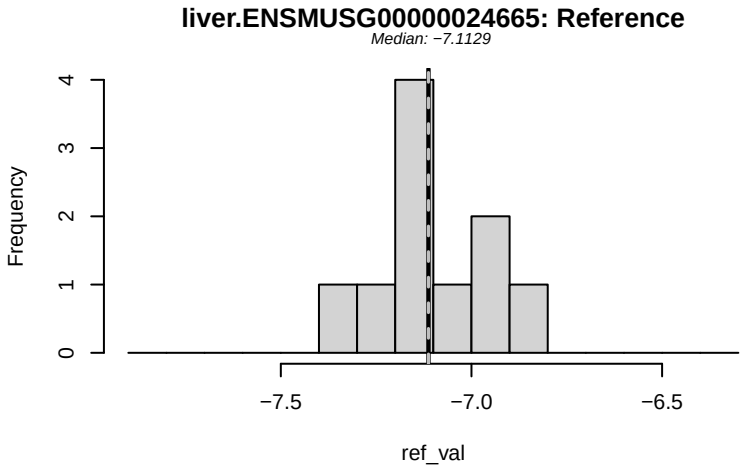

liver.ENSMUSG00000027690: Experimental
Median: −6.9111
p−val: 0.5268
Frequency
exp_val

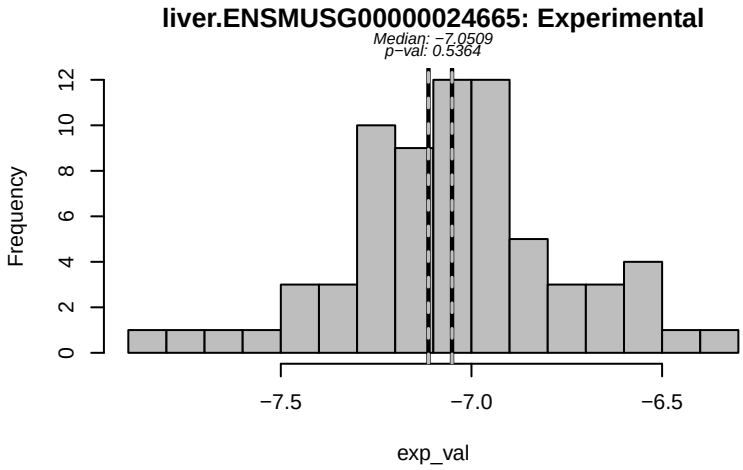

liver.ENSMUSG00000028127: Reference
Median: −6.6025
Frequency
ref_val

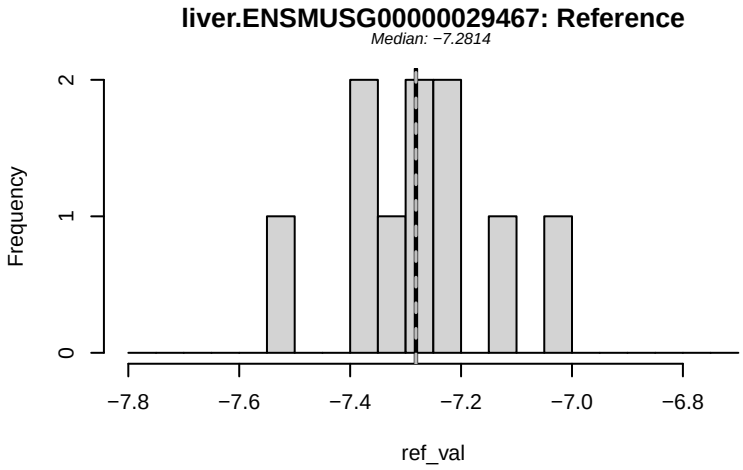

liver.ENSMUSG00000028127: Experimental
Median: −6.5838
p−val: 0.5268
Frequency
exp_val

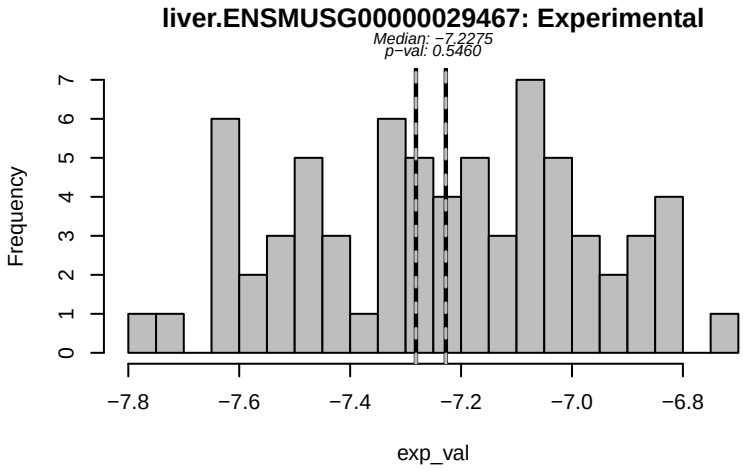

liver.ENSMUSG00000026014: Reference
Median: −7.2027
Frequency
ref_val

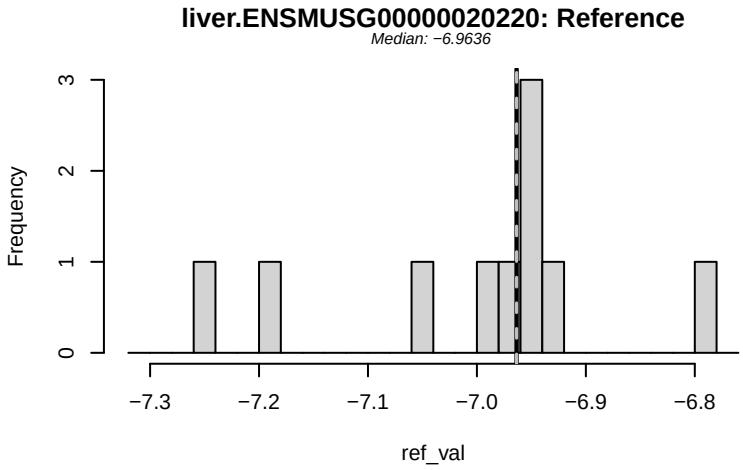

liver.ENSMUSG00000026014: Experimental
Median: −7.2277
p−val: 0.5364
Frequency
exp_val

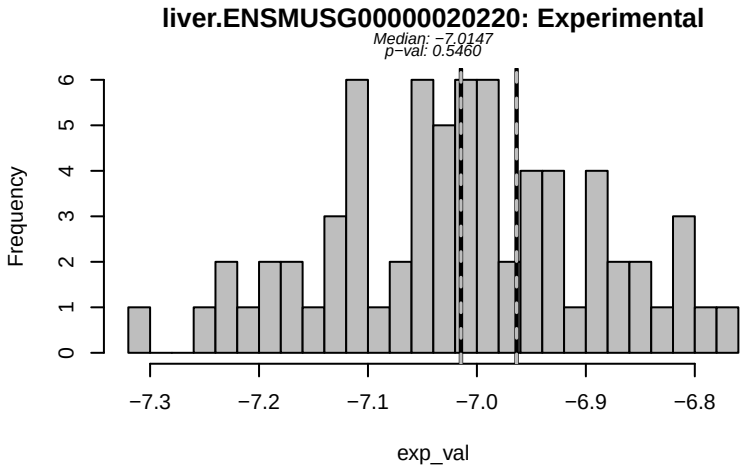

liver.ENSMUSG00000024665: Reference
Median: −7.1129
Frequency
ref_val

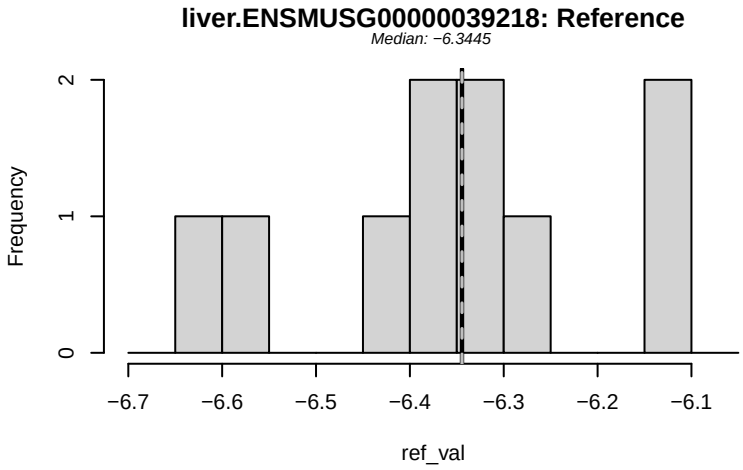

liver.ENSMUSG00000024665: Experimental
Median: −7.0509
p−val: 0.5364
Frequency
exp_val

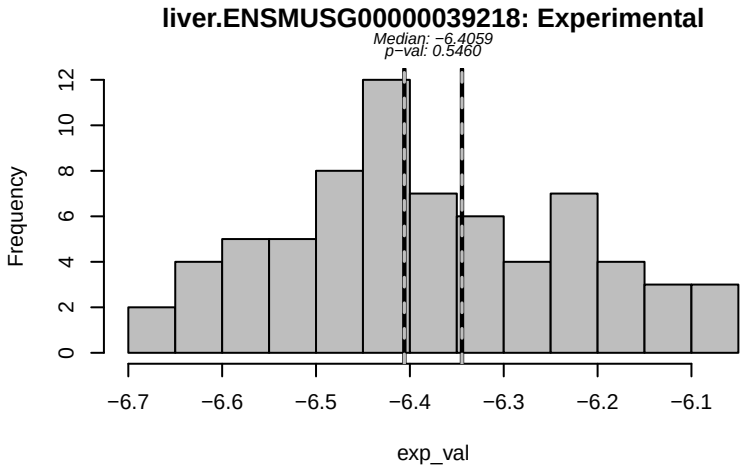

liver.ENSMUSG00000029467: Reference
Median: −7.2814
Frequency
ref_val

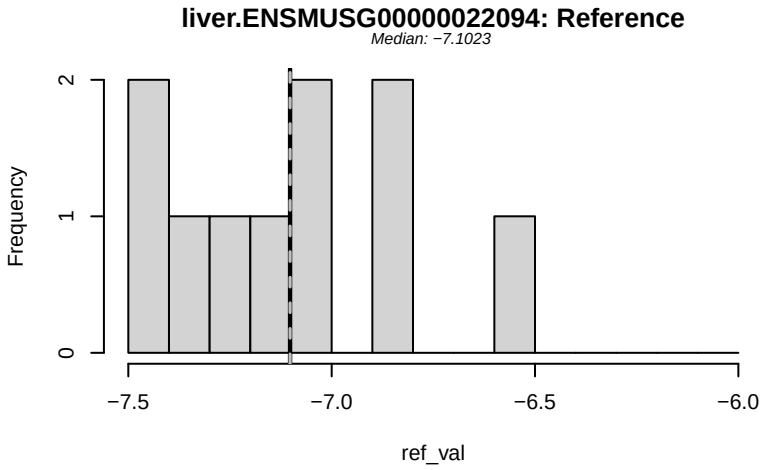

liver.ENSMUSG00000029467: Experimental
Median: −7.2275
p−val: 0.5460
Frequency
exp_val

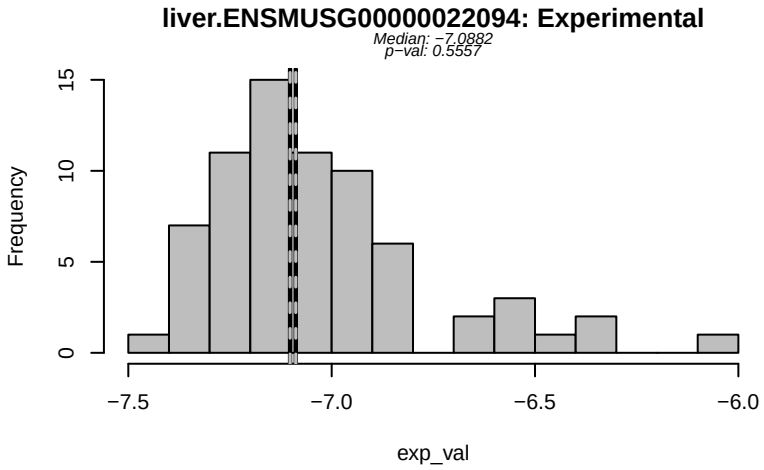

liver.ENSMUSG00000020220: Reference
Median: −6.9636
Frequency
ref_val

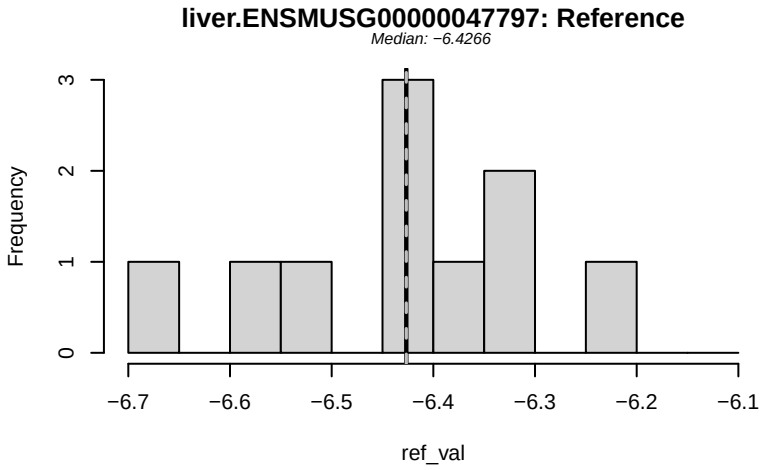

liver.ENSMUSG00000020220: Experimental
Median: −7.0147
p−val: 0.5460
Frequency
exp_val

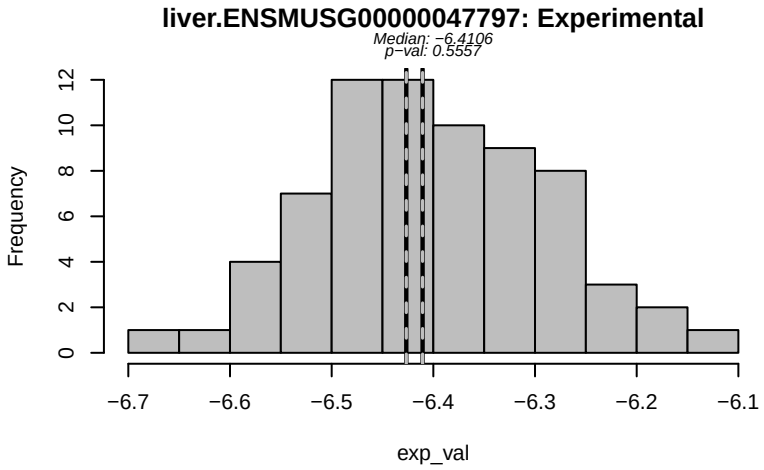

liver.ENSMUSG00000039218: Reference
Median: −6.3445
Frequency
ref_val

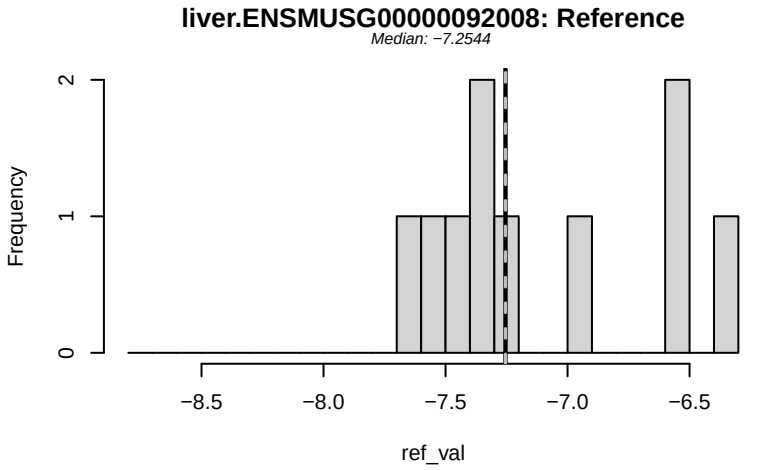

liver.ENSMUSG00000039218: Experimental
Median: −6.4059
p−val: 0.5460
Frequency
exp_val

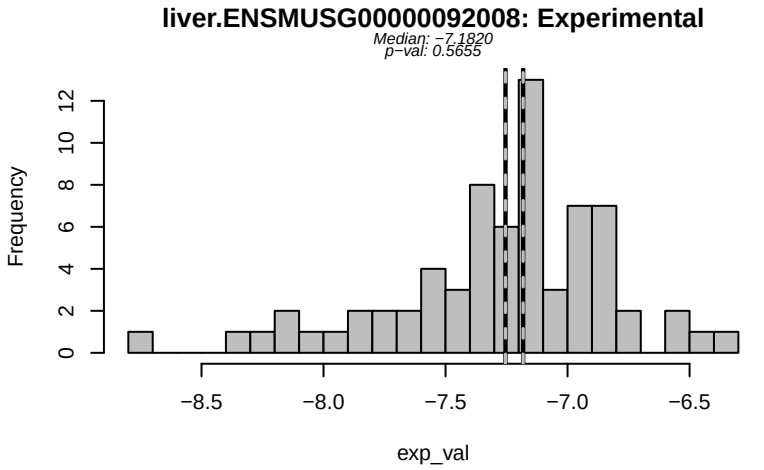

liver.ENSMUSG00000022094: Reference
Median: −7.1023
Frequency
ref_val

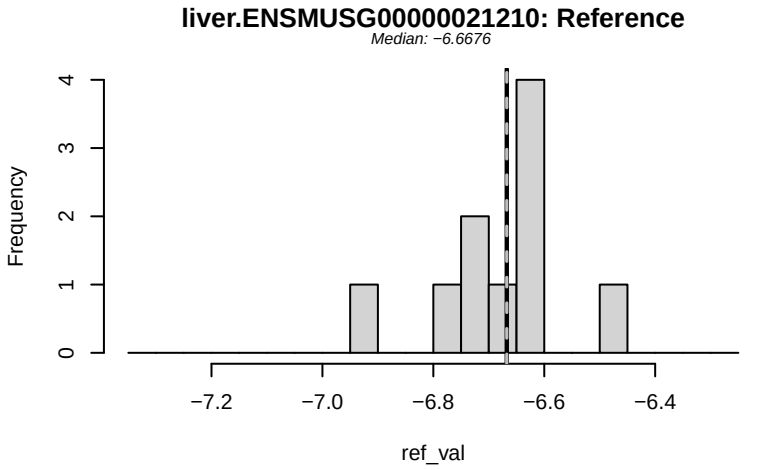

liver.ENSMUSG00000022094: Experimental
Median: −7.0882
p−val: 0.5557
Frequency
exp_val

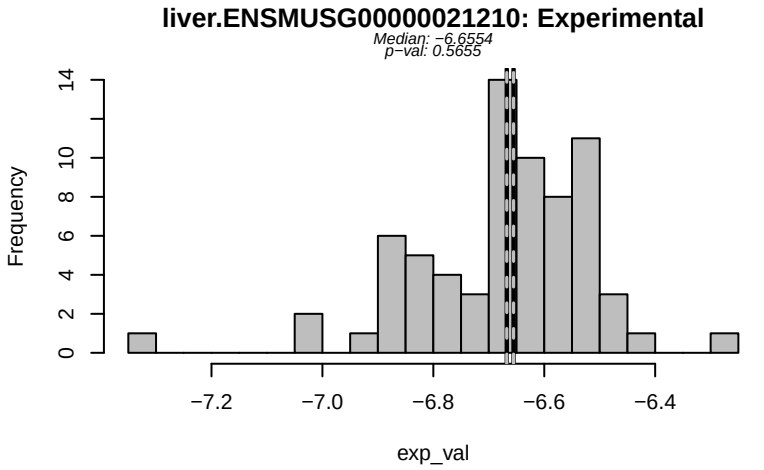

liver.ENSMUSG00000047797: Reference
Median: −6.4266
Frequency
ref_val

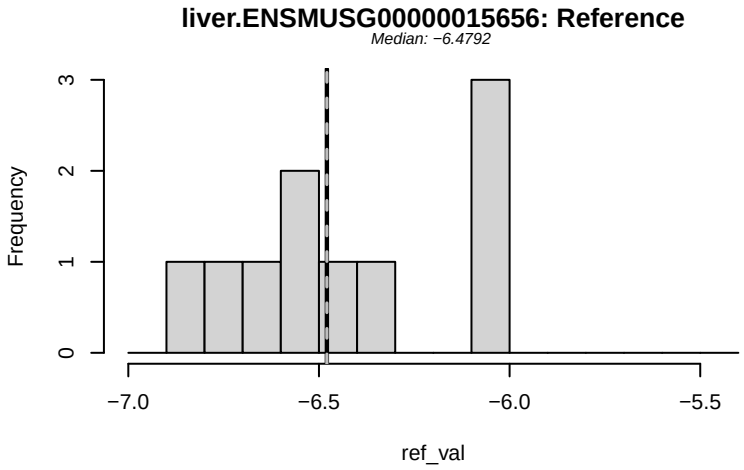

liver.ENSMUSG00000047797: Experimental
Median: −6.4106
p−val: 0.5557
Frequency
exp_val

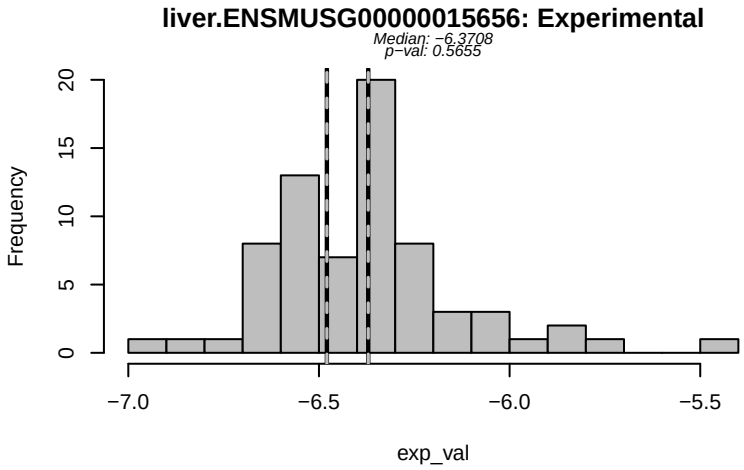

liver.ENSMUSG00000092008: Reference
Median: −7.2544
Frequency
ref_val

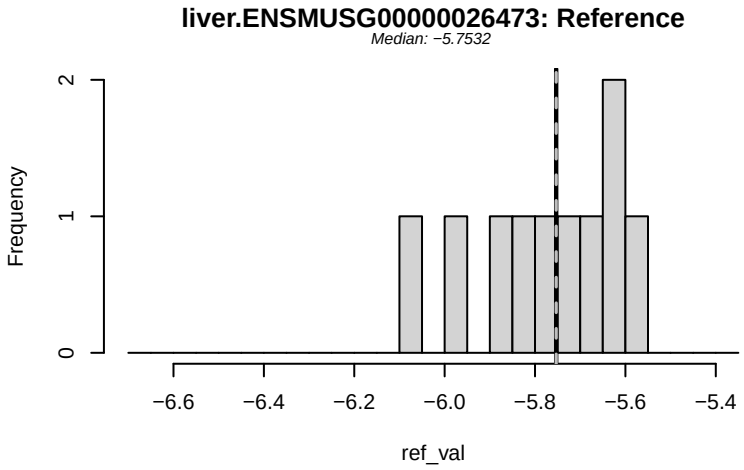

liver.ENSMUSG00000092008: Experimental
Median: −7.1820
p−val: 0.5655
Frequency
exp_val

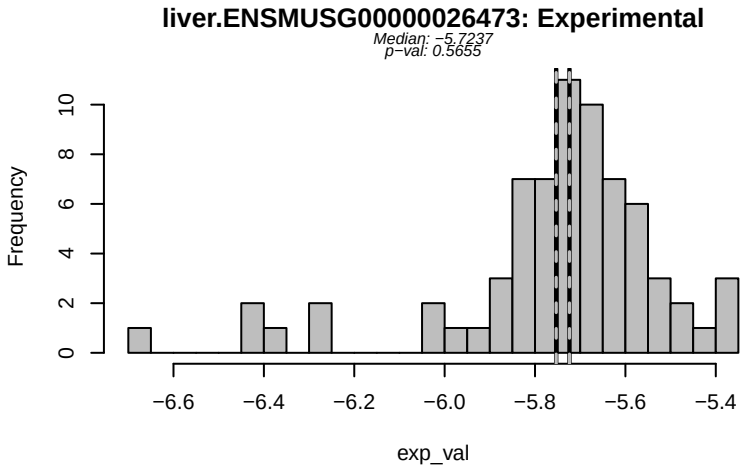

liver.ENSMUSG00000021210: Reference
Median: −6.6676
Frequency
ref_val

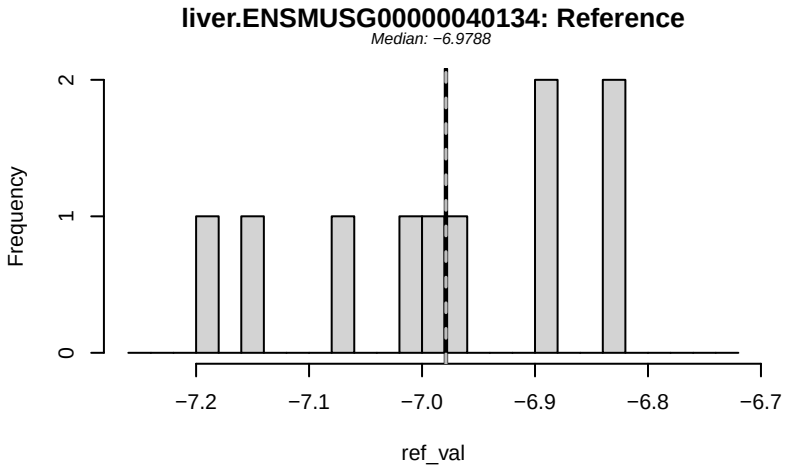

liver.ENSMUSG00000021210: Experimental
Median: −6.6554
p−val: 0.5655
Frequency
exp_val

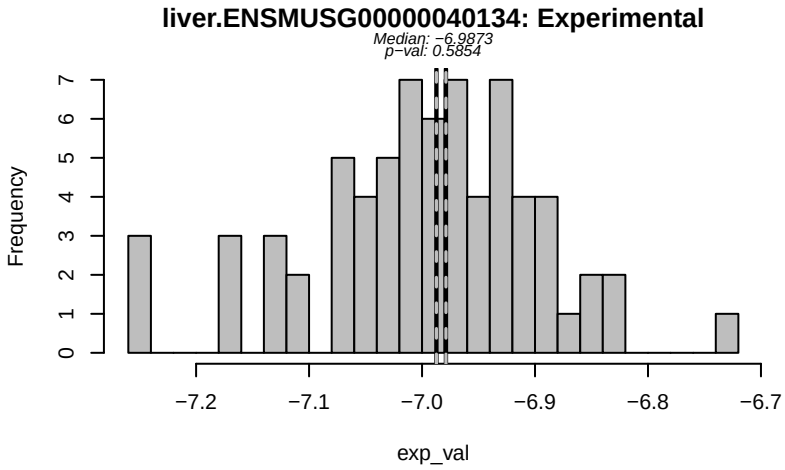

liver.ENSMUSG00000015656: Reference
Median: −6.4792
Frequency
ref_val

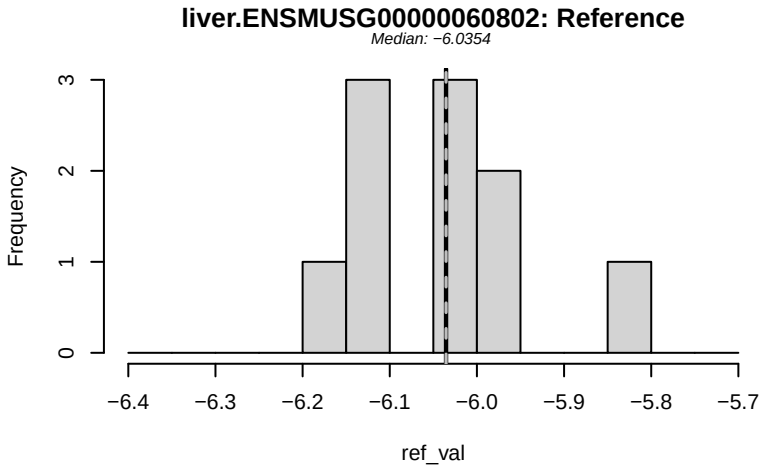

liver.ENSMUSG00000015656: Experimental
Median: −6.3708
p−val: 0.5655
Frequency
exp_val

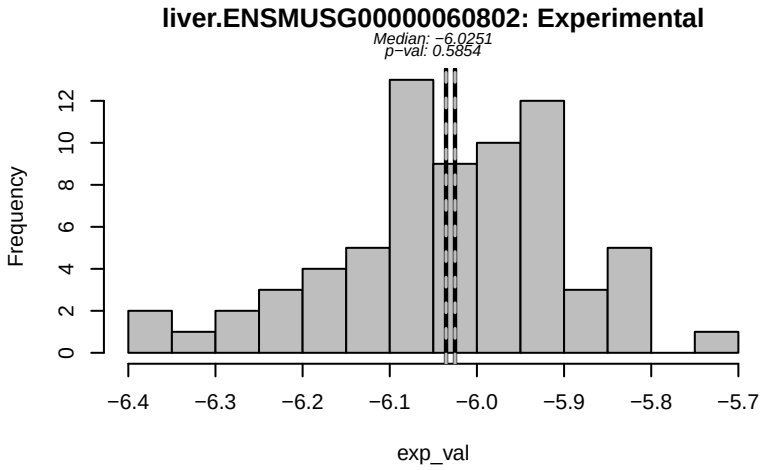

liver.ENSMUSG00000026473: Reference
Median: −5.7532
Frequency
ref_val

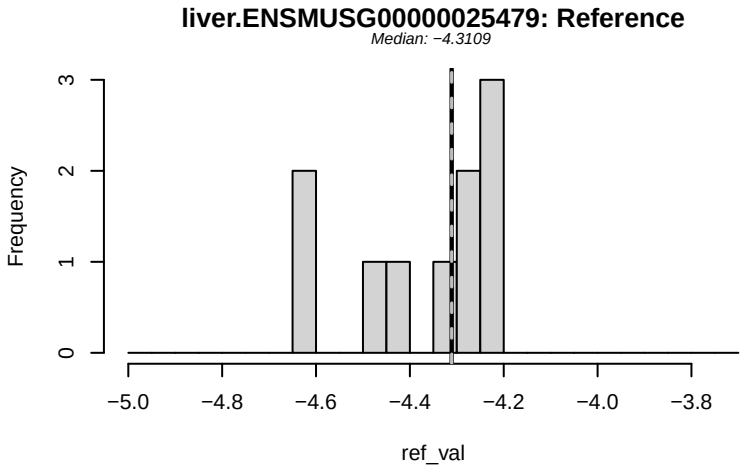

liver.ENSMUSG00000026473: Experimental
Median: −5.7237
p−val: 0.5655
Frequency
exp_val

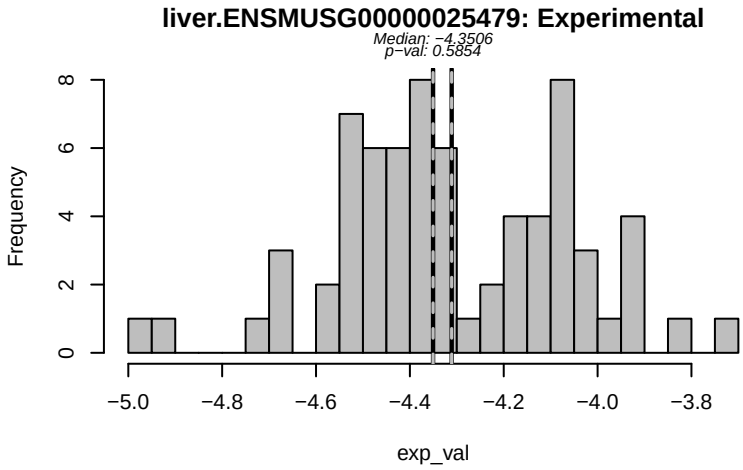

liver.ENSMUSG00000040134: Reference
Median: −6.9788
Frequency
ref_val

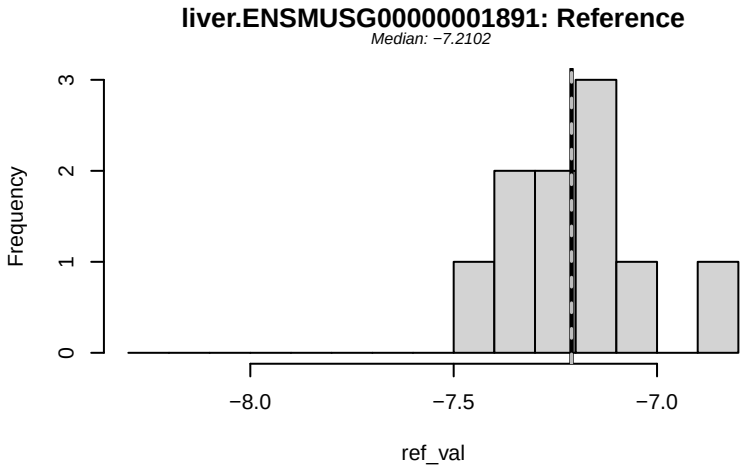

liver.ENSMUSG00000040134: Experimental
Median: −6.9873
p−val: 0.5854
Frequency
exp_val

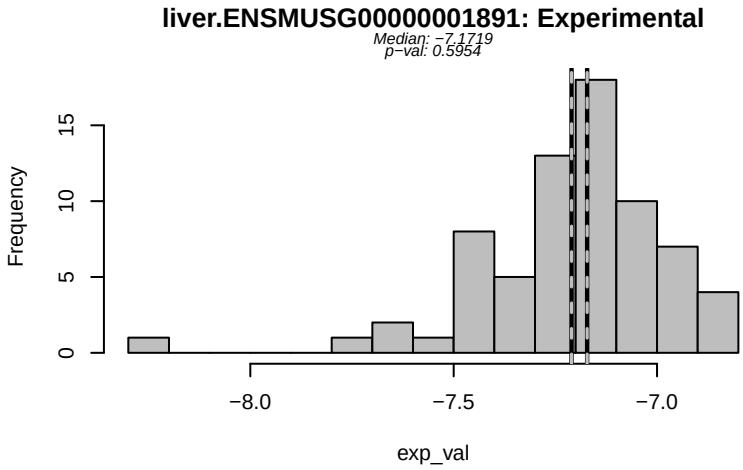

liver.ENSMUSG00000060802: Reference
Median: −6.0354
Frequency
ref_val

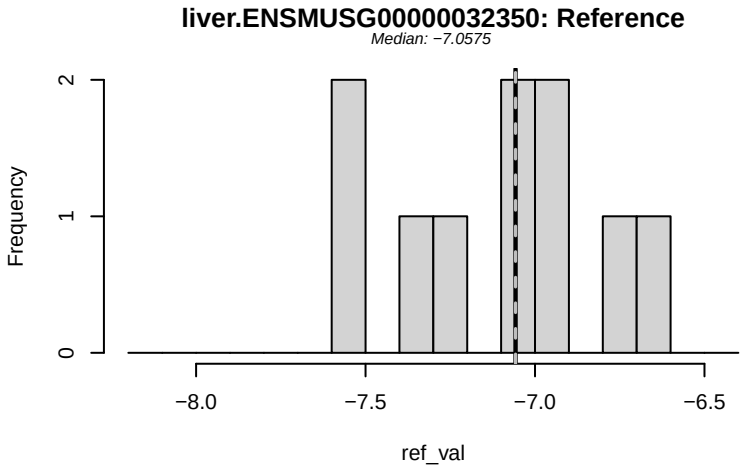

liver.ENSMUSG00000060802: Experimental
Median: −6.0251
p−val: 0.5854
Frequency
exp_val

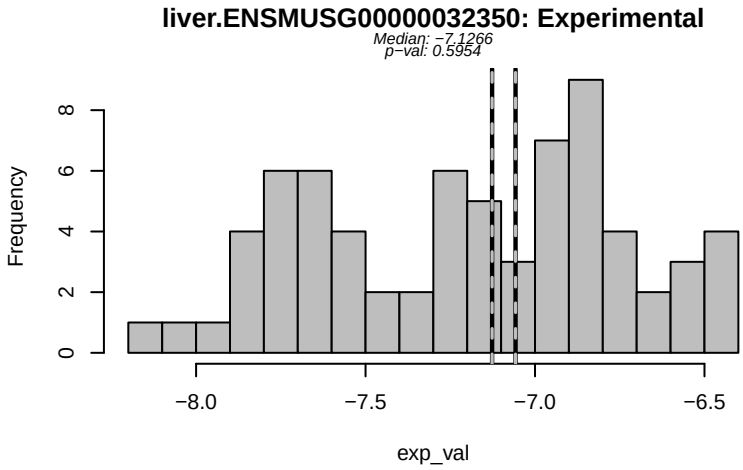

liver.ENSMUSG00000025479: Reference
Median: −4.3109
Frequency
ref_val

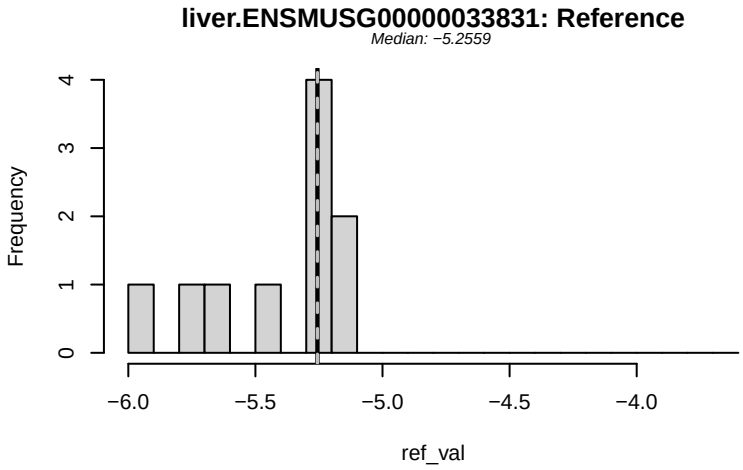

liver.ENSMUSG00000025479: Experimental
Median: −4.3506
p−val: 0.5854
Frequency
exp_val

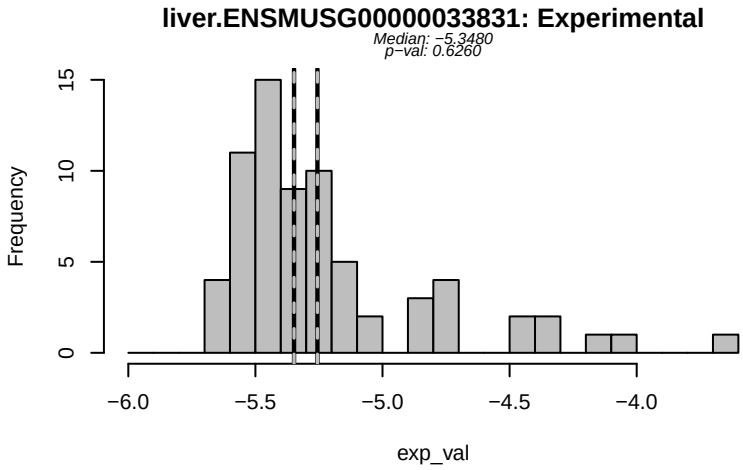

liver.ENSMUSG00000001891: Reference
Median: −7.2102
Frequency
ref_val

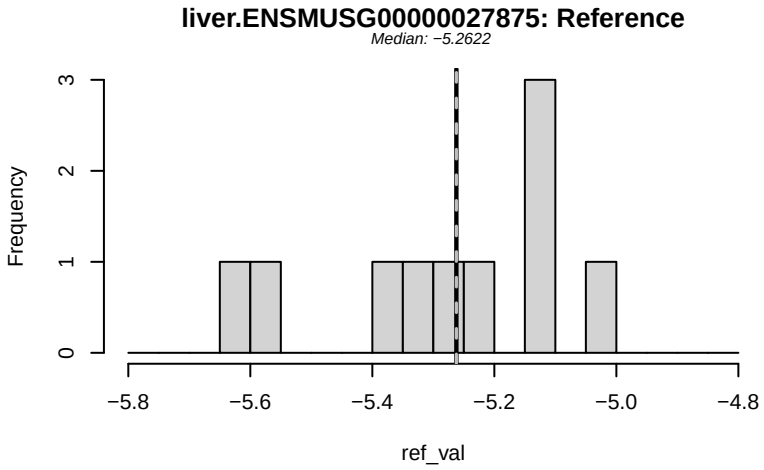

liver.ENSMUSG00000001891: Experimental
Median: −7.1719
p−val: 0.5954
Frequency
exp_val

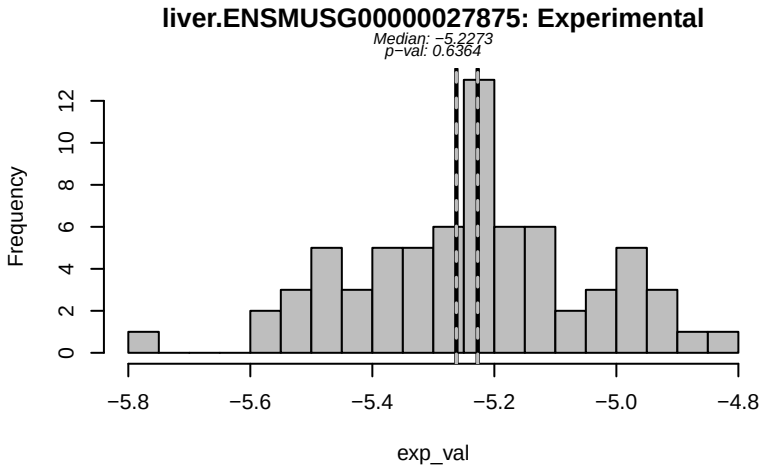

liver.ENSMUSG00000032350: Reference
Median: −7.0575
Frequency
ref_val

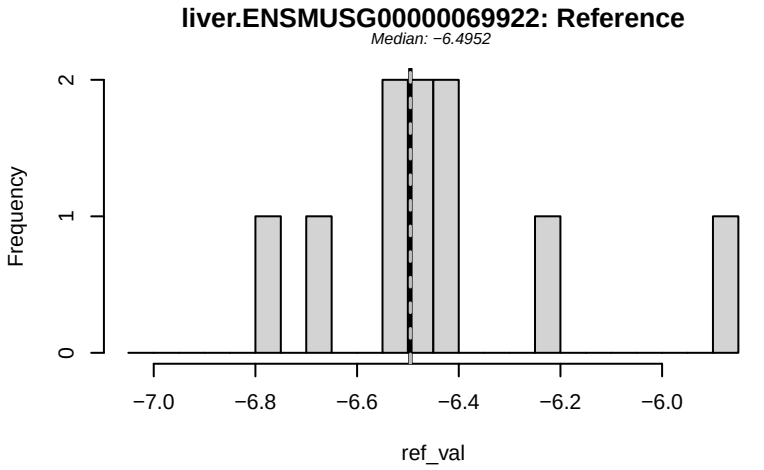

liver.ENSMUSG00000032350: Experimental
Median: −7.1266
p−val: 0.5954
Frequency
exp_val

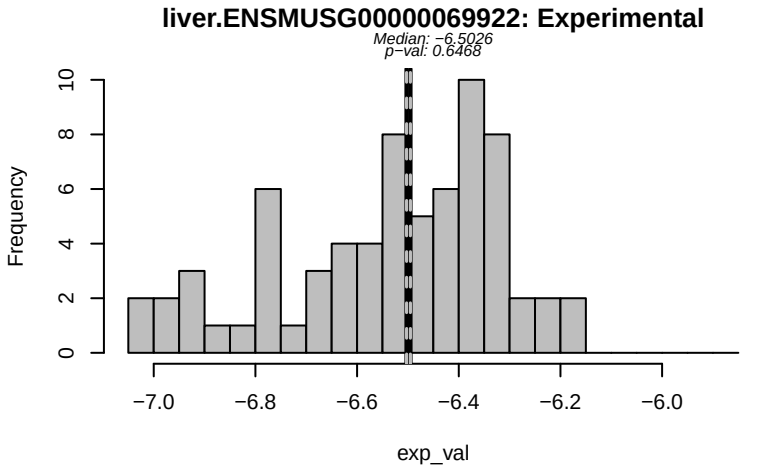

liver.ENSMUSG00000033831: Reference
Median: −5.2559
Frequency
ref_val

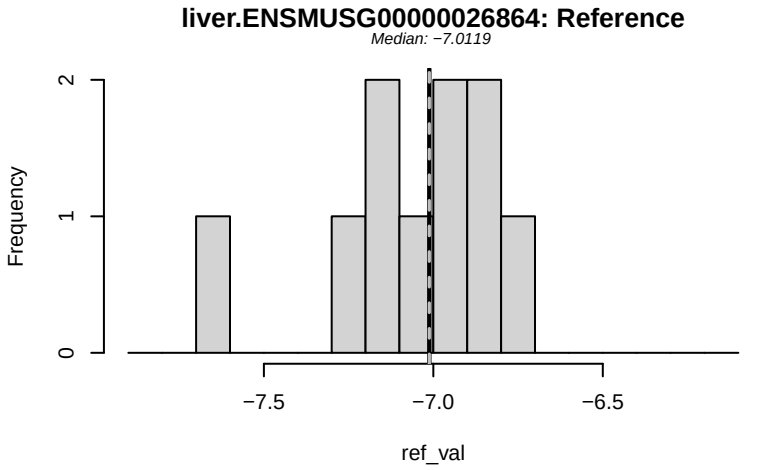

liver.ENSMUSG00000033831: Experimental
Median: −5.3480
p−val: 0.6260
Frequency
exp_val

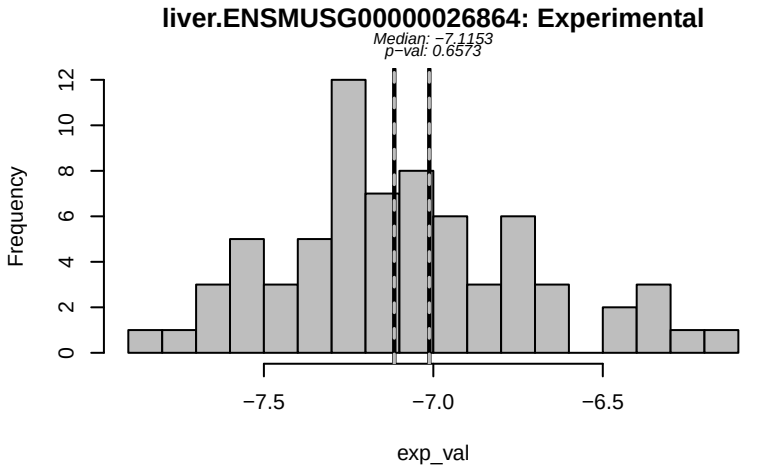

liver.ENSMUSG00000027875: Reference
Median: −5.2622
Frequency
ref_val

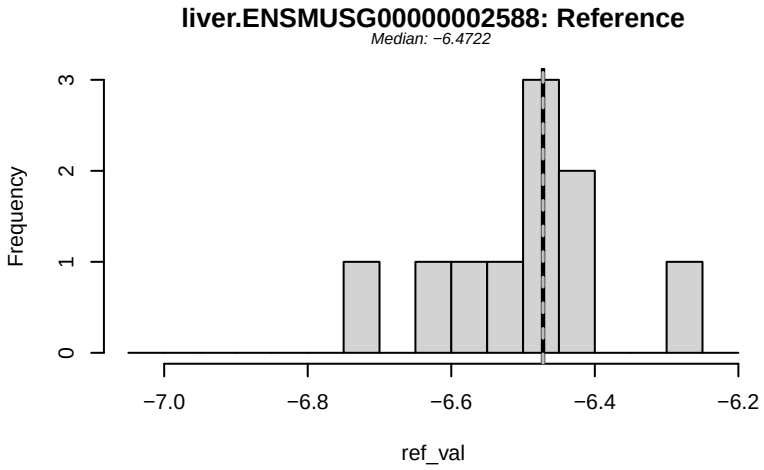

liver.ENSMUSG00000027875: Experimental
Median: −5.2273
p−val: 0.6364
Frequency
exp_val

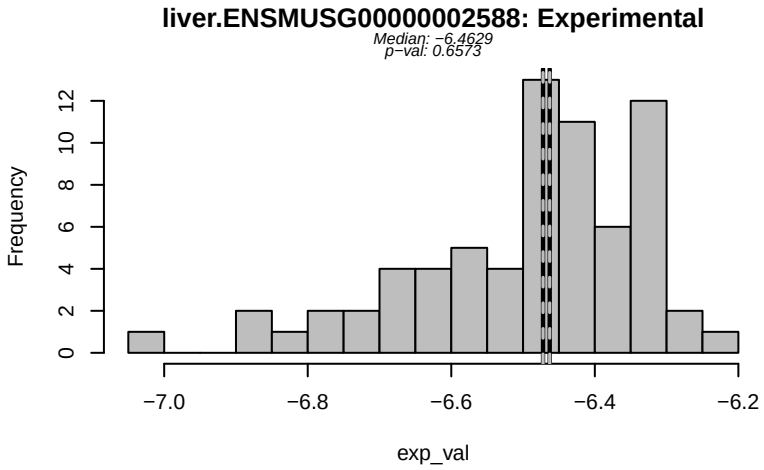

liver.ENSMUSG00000069922: Reference
Median: −6.4952
Frequency
ref_val

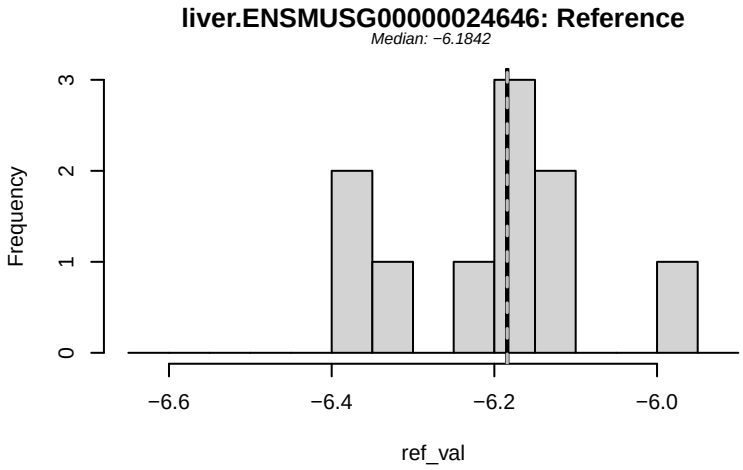

liver.ENSMUSG00000069922: Experimental
Median: −6.5026
p−val: 0.6468
Frequency
exp_val

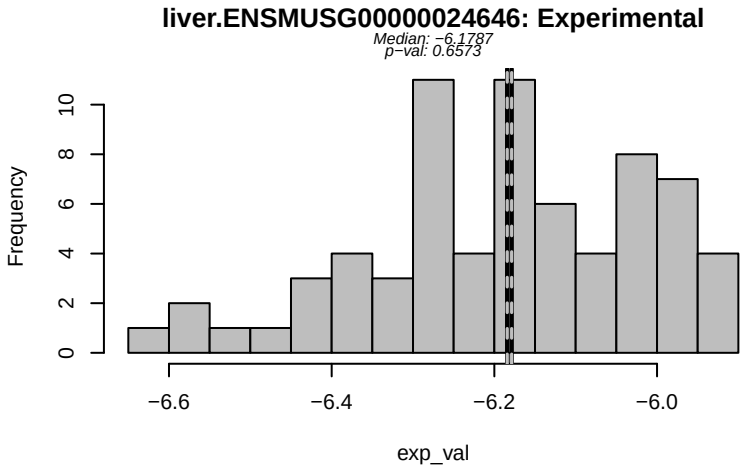

liver.ENSMUSG00000026864: Reference
Median: −7.0119
Frequency
ref_val

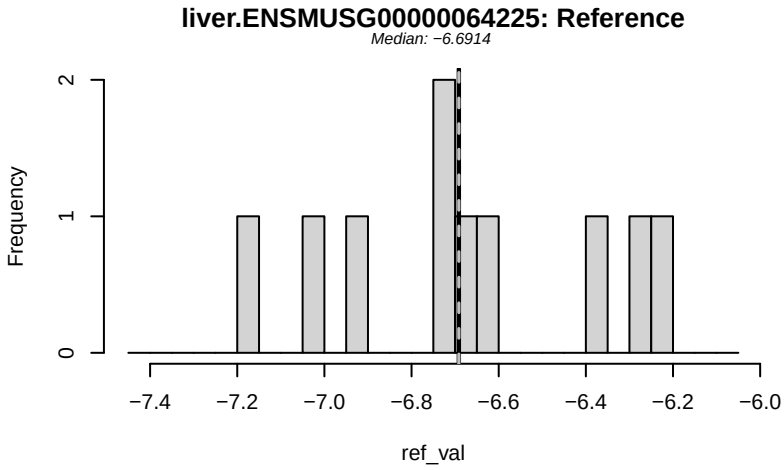

liver.ENSMUSG00000026864: Experimental
Median: −7.1153
p−val: 0.6573
Frequency
exp_val

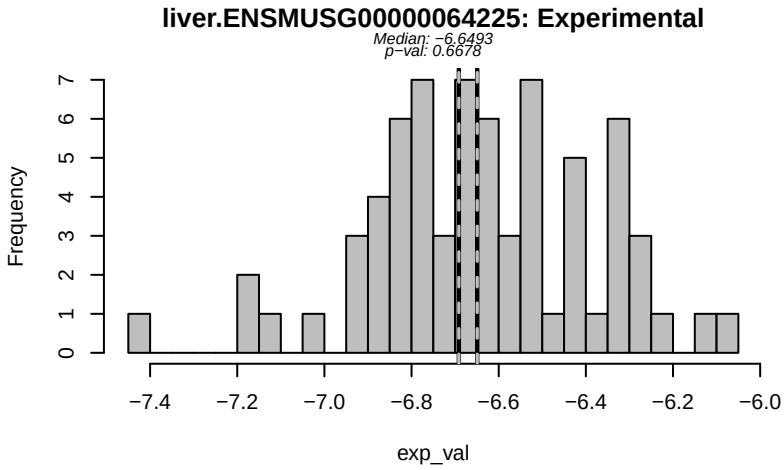

liver.ENSMUSG00000002588: Reference
Median: −6.4722
Frequency
ref_val

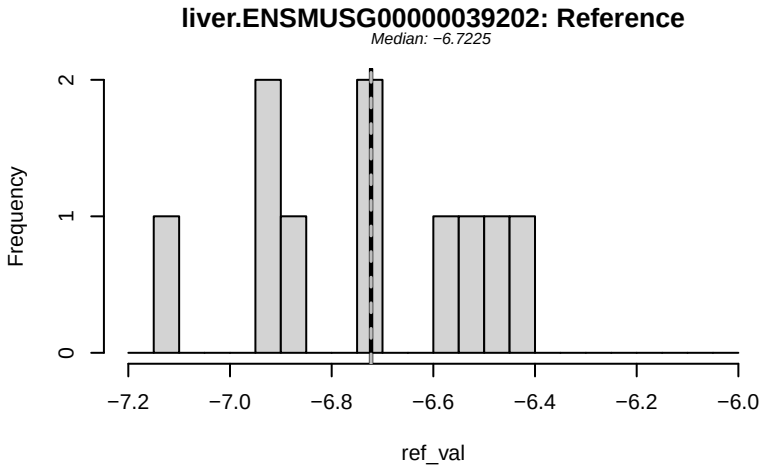

liver.ENSMUSG00000002588: Experimental
Median: −6.4629
p−val: 0.6573
Frequency
exp_val

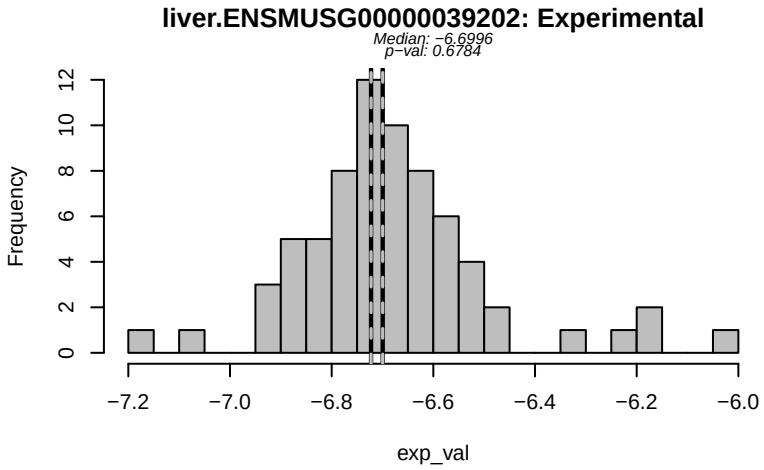

liver.ENSMUSG00000024646: Reference
Median: −6.1842
Frequency
ref_val

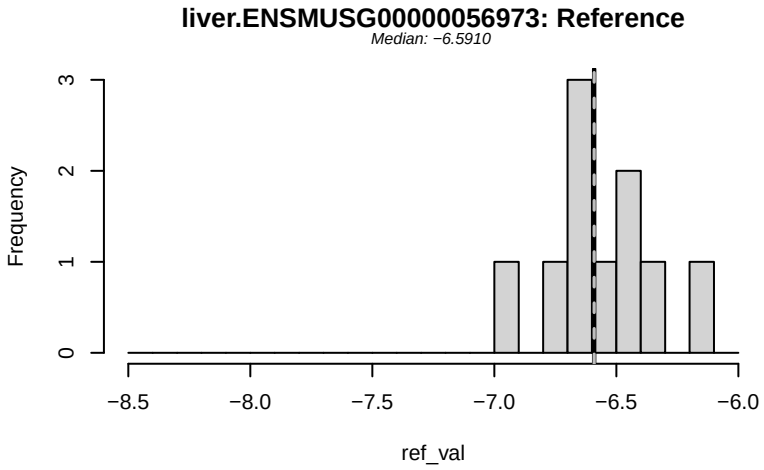

liver.ENSMUSG00000024646: Experimental
Median: −6.1787
p−val: 0.6573
Frequency
exp_val

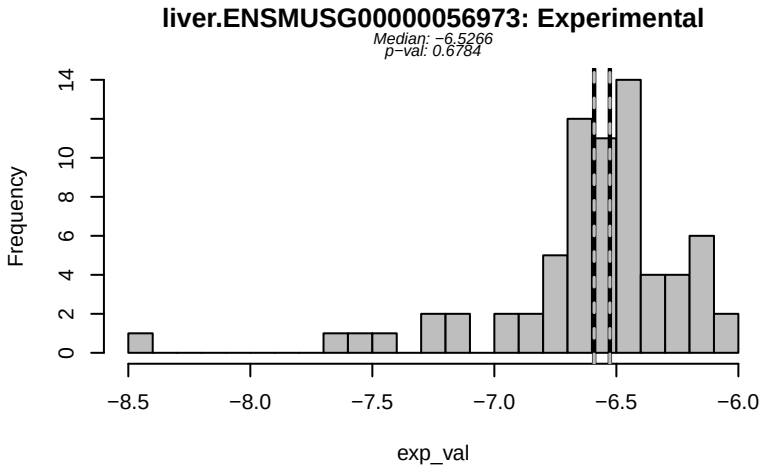

liver.ENSMUSG00000064225: Reference
Median: −6.6914
Frequency
ref_val

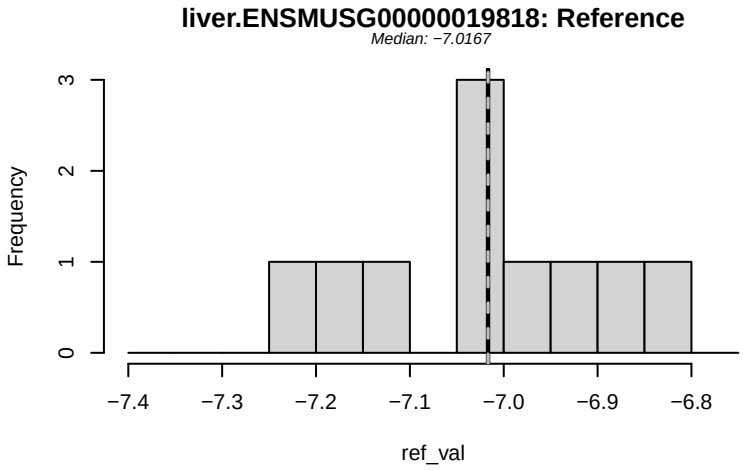

liver.ENSMUSG00000064225: Experimental
Median: −6.6493
p−val: 0.6678
Frequency
exp_val

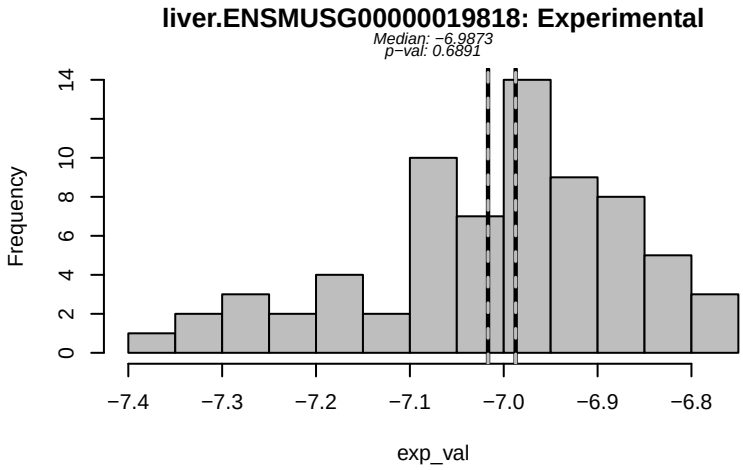

liver.ENSMUSG00000039202: Reference
Median: −6.7225
Frequency
ref_val

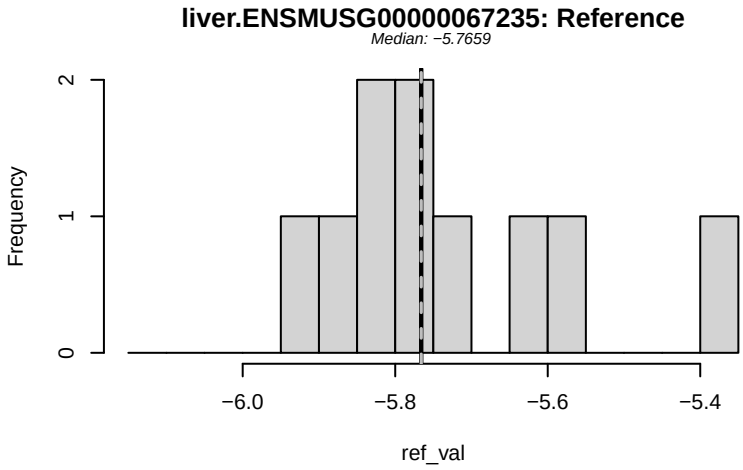

liver.ENSMUSG00000039202: Experimental
Median: −6.6996
p−val: 0.6784
Frequency
exp_val

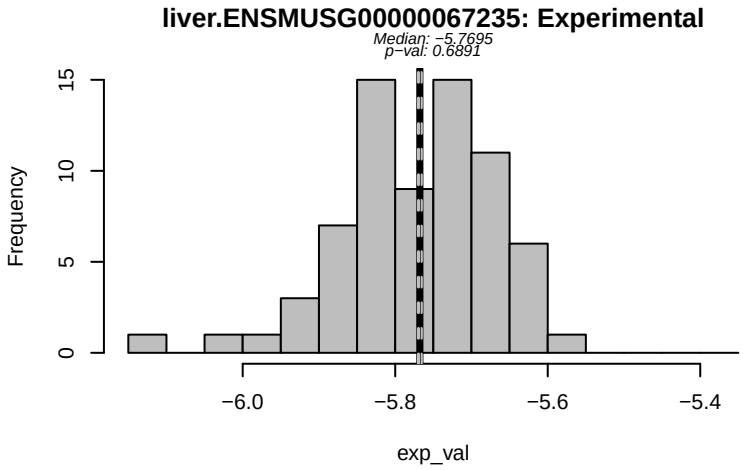

liver.ENSMUSG00000056973: Reference
Median: −6.5910
Frequency
ref_val

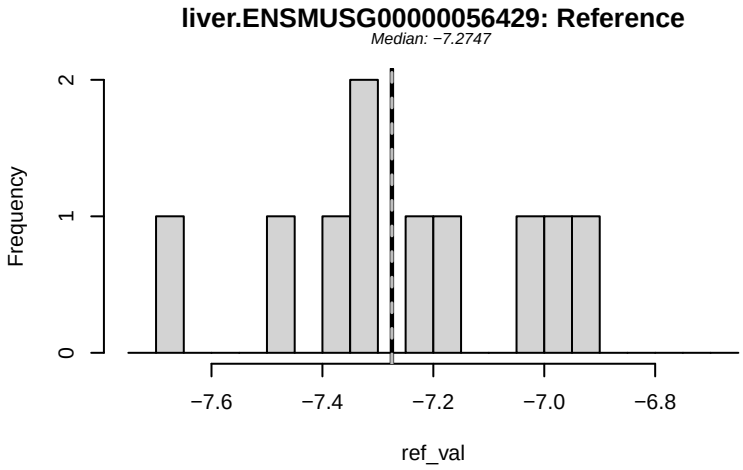

liver.ENSMUSG00000056973: Experimental
Median: −6.5266
p−val: 0.6784
Frequency
exp_val

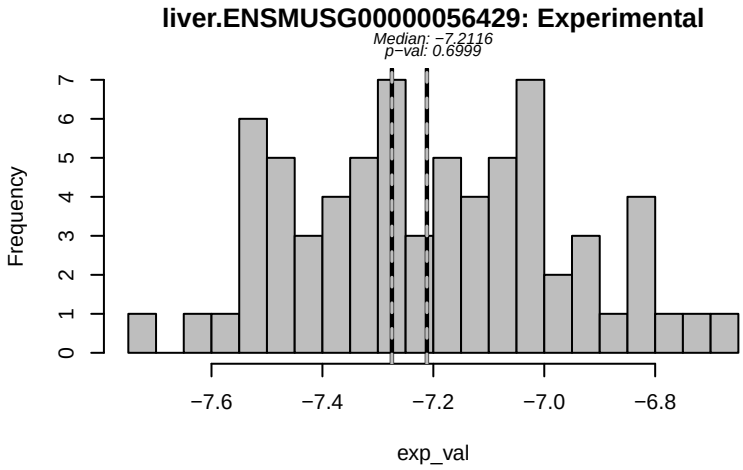

liver.ENSMUSG00000019818: Reference
Median: −7.0167
Frequency
ref_val

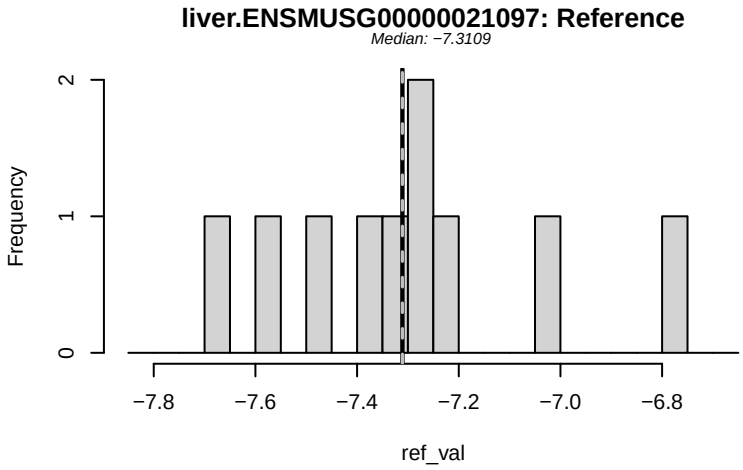

liver.ENSMUSG00000019818: Experimental
Median: −6.9873
p−val: 0.6891
Frequency
exp_val

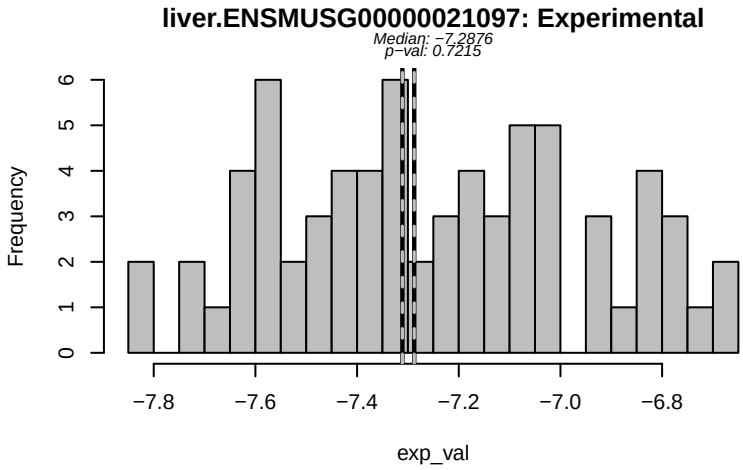

liver.ENSMUSG00000067235: Reference
Median: −5.7659
Frequency
ref_val

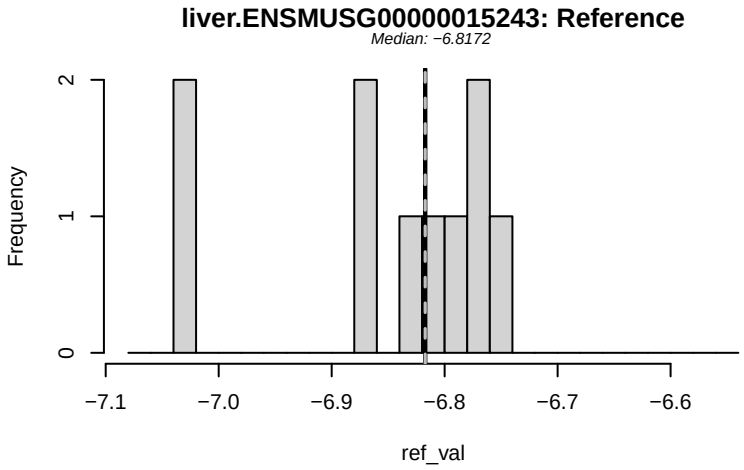

liver.ENSMUSG00000067235: Experimental
Median: −5.7695
p−val: 0.6891
Frequency
exp_val

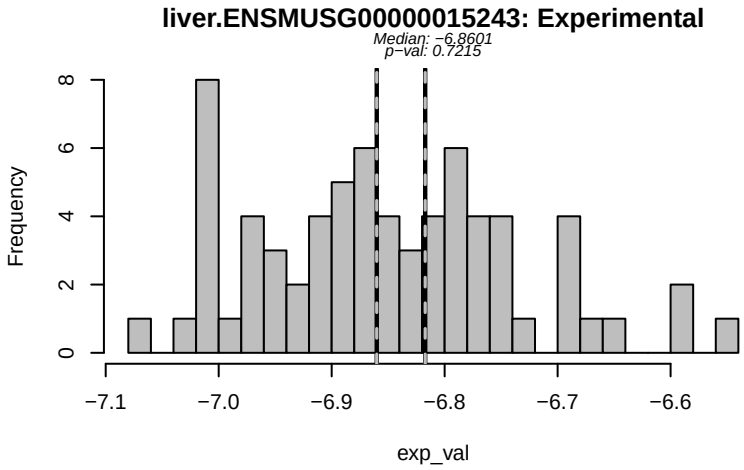

liver.ENSMUSG00000056429: Reference
Median: −7.2747
Frequency
ref_val

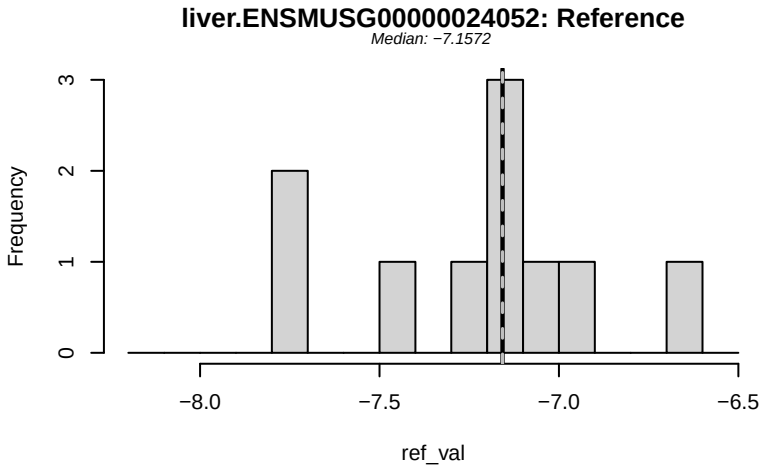

liver.ENSMUSG00000056429: Experimental
Median: −7.2116
p−val: 0.6999
Frequency
exp_val

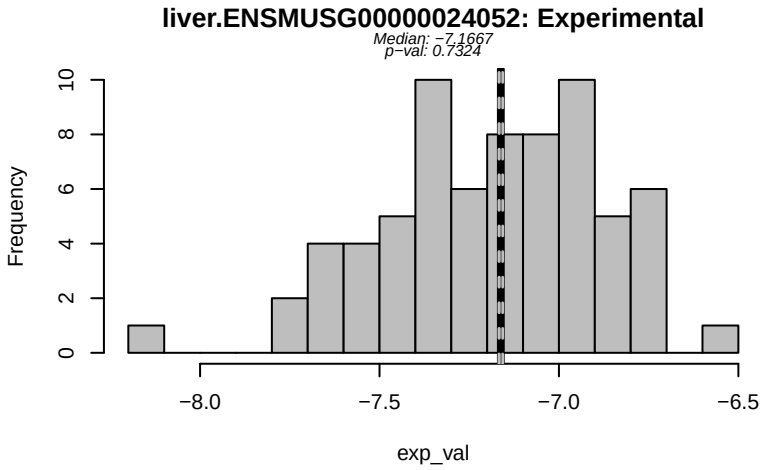

liver.ENSMUSG00000021097: Reference
Median: −7.3109
Frequency
ref_val

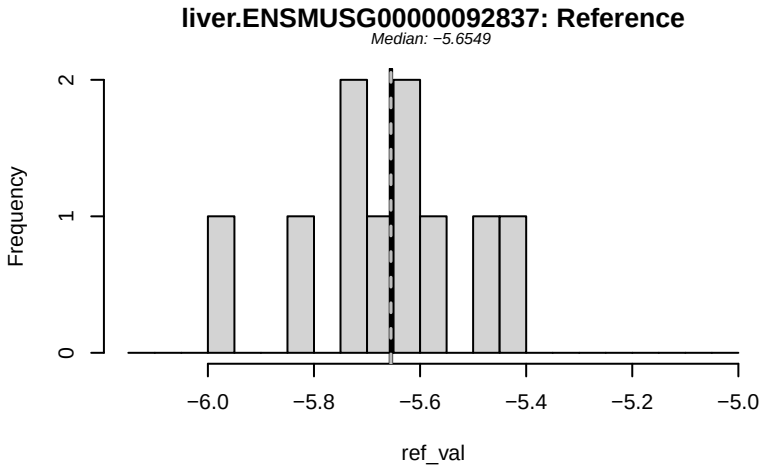

liver.ENSMUSG00000021097: Experimental
Median: −7.2876
p−val: 0.7215
Frequency
exp_val

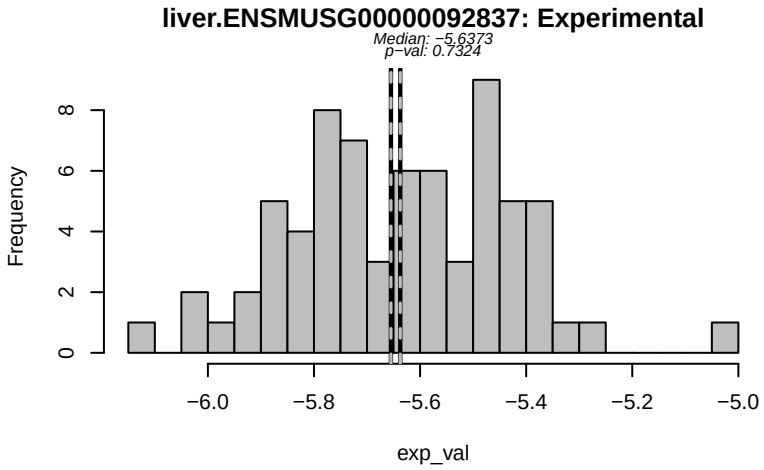

liver.ENSMUSG00000015243: Reference
Median: −6.8172
Frequency
ref_val

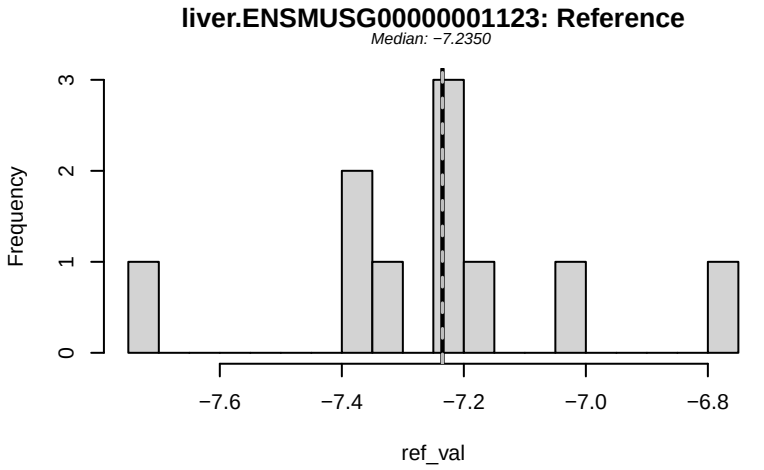

liver.ENSMUSG00000015243: Experimental
Median: −6.8601
p−val: 0.7215
Frequency
exp_val

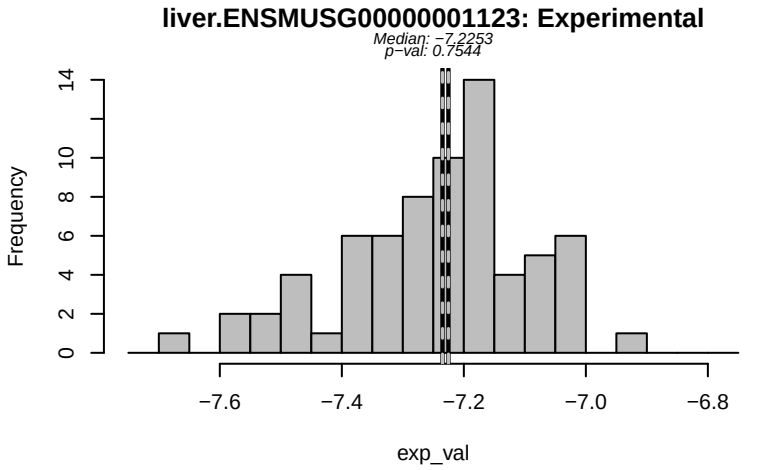

liver.ENSMUSG00000024052: Reference
Median: −7.1572
Frequency
ref_val

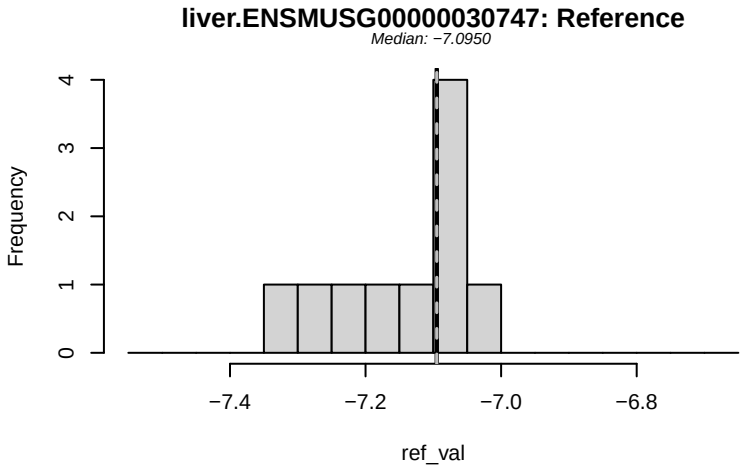

liver.ENSMUSG00000024052: Experimental
Median: −7.1667
p−val: 0.7324
Frequency
exp_val

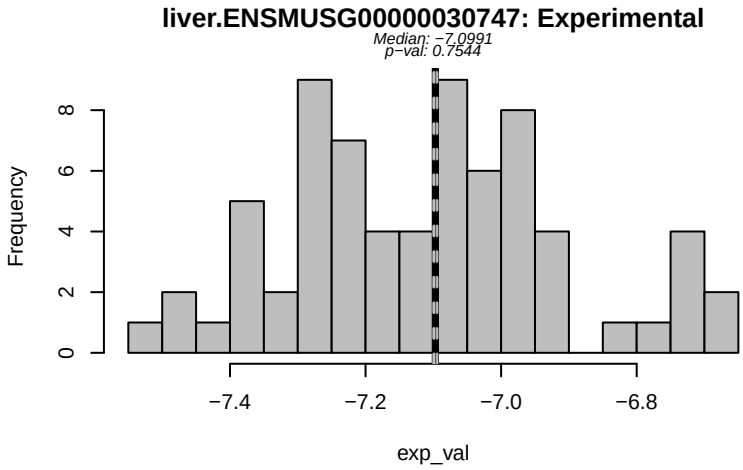

liver.ENSMUSG00000092837: Reference
Median: −5.6549
Frequency
ref_val

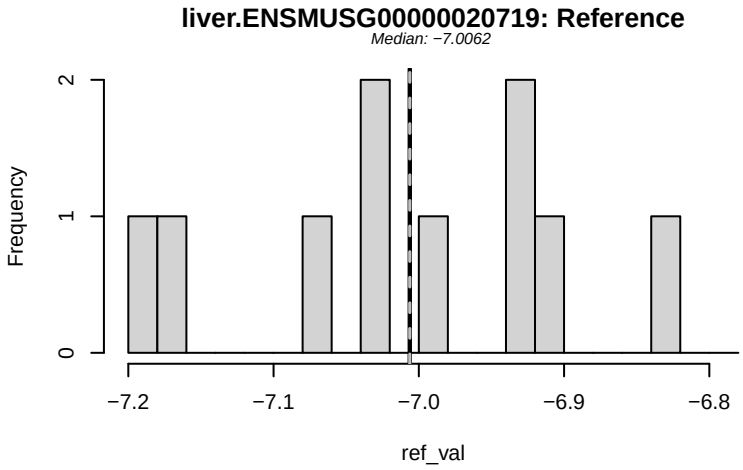

liver.ENSMUSG00000092837: Experimental
Median: −5.6373
p−val: 0.7324
Frequency
exp_val

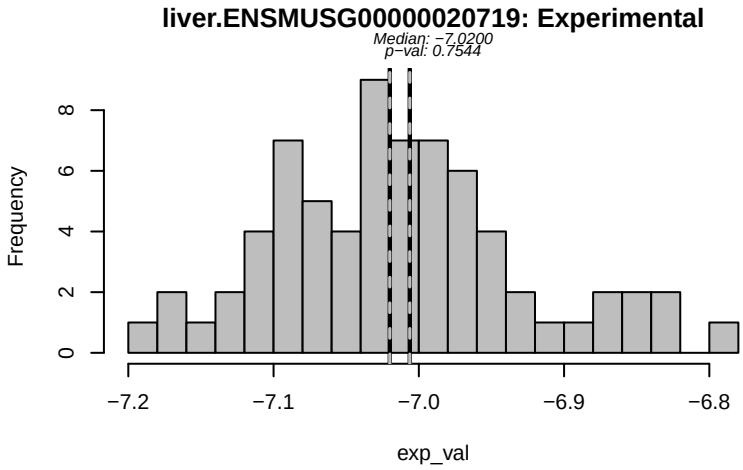

liver.ENSMUSG00000001123: Reference
Median: −7.2350
Frequency
ref_val

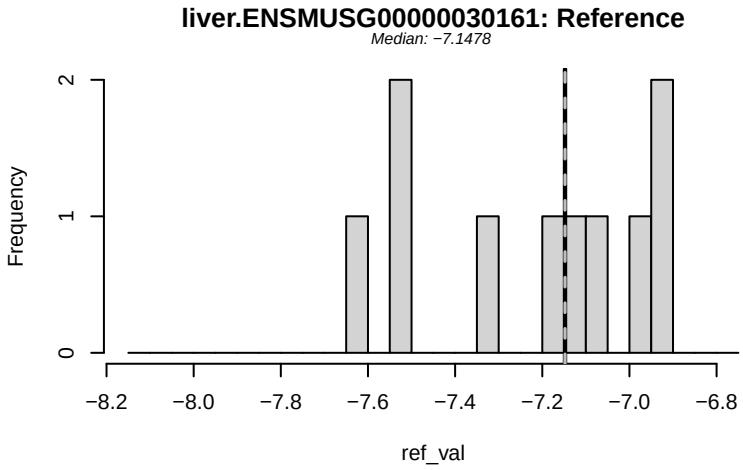

liver.ENSMUSG00000001123: Experimental
Median: −7.2253
p−val: 0.7544
Frequency
exp_val

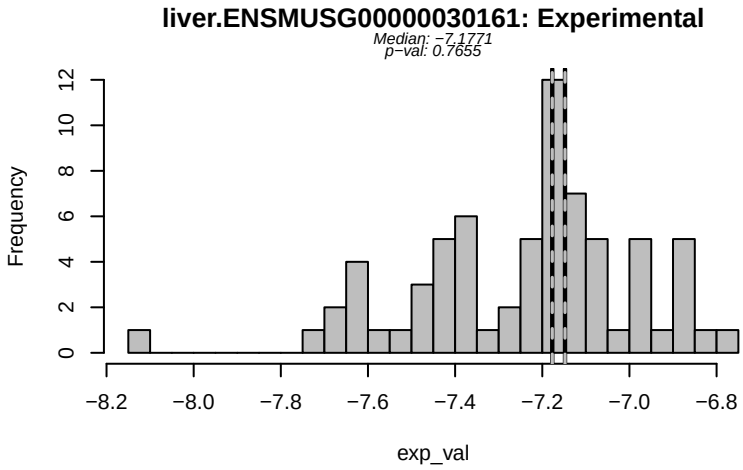

liver.ENSMUSG00000030747: Reference
Median: −7.0950
Frequency
ref_val

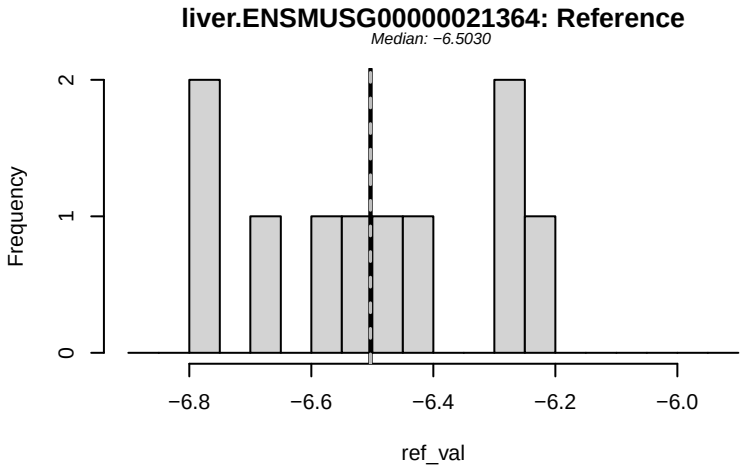

liver.ENSMUSG00000030747: Experimental
Median: −7.0991
p−val: 0.7544
Frequency
exp_val

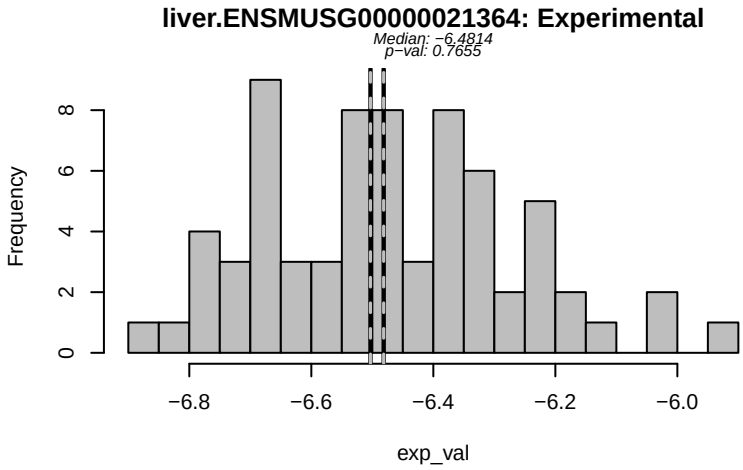

liver.ENSMUSG00000020719: Reference
Median: −7.0062
Frequency
ref_val

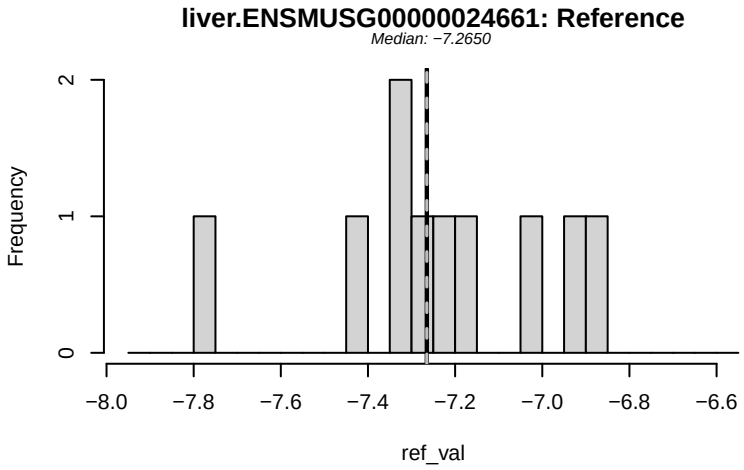

liver.ENSMUSG00000020719: Experimental
Median: −7.0200
p−val: 0.7544
Frequency
exp_val

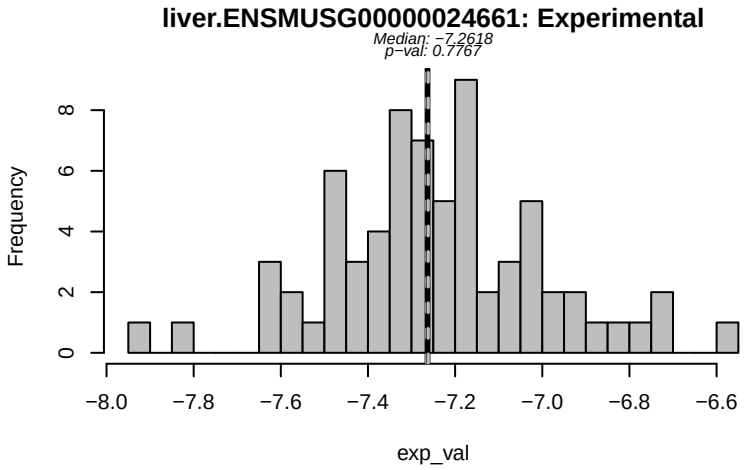

liver.ENSMUSG00000030161: Reference
Median: −7.1478
Frequency
ref_val

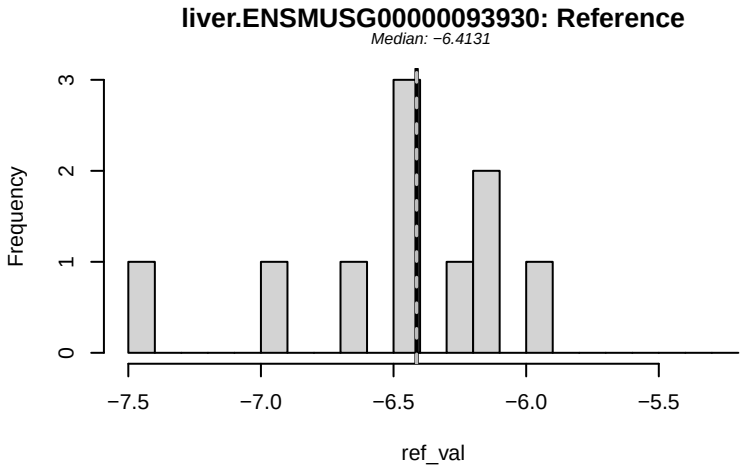

liver.ENSMUSG00000030161: Experimental
Median: −7.1771
p−val: 0.7655
Frequency
exp_val

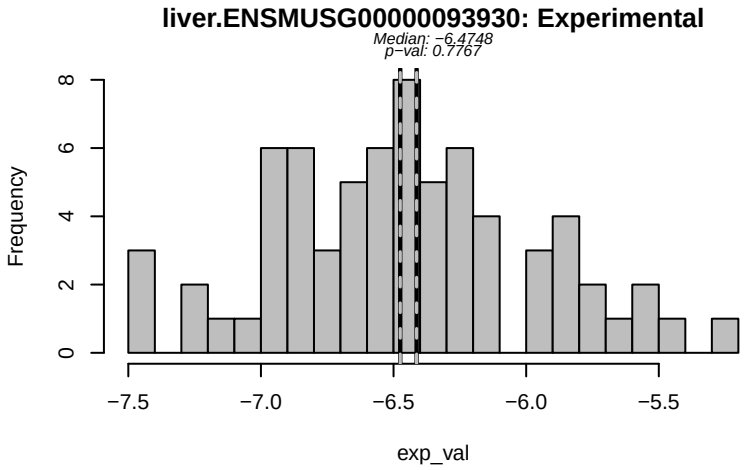

liver.ENSMUSG00000021364: Reference
Median: −6.5030
Frequency
ref_val

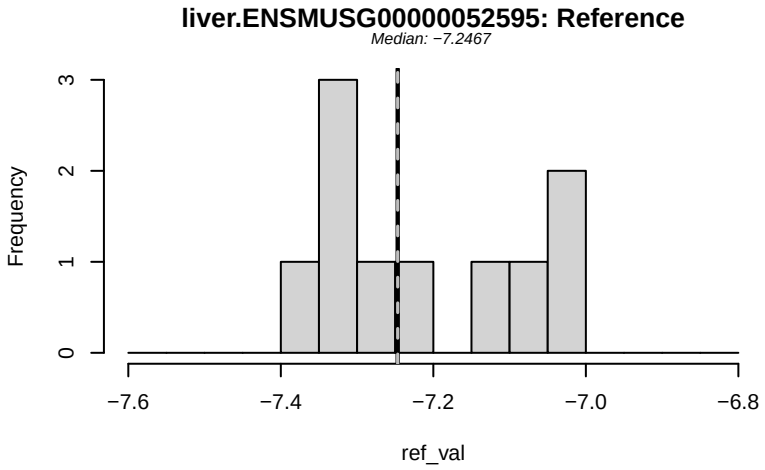

liver.ENSMUSG00000021364: Experimental
Median: −6.4814
p−val: 0.7655
Frequency
exp_val

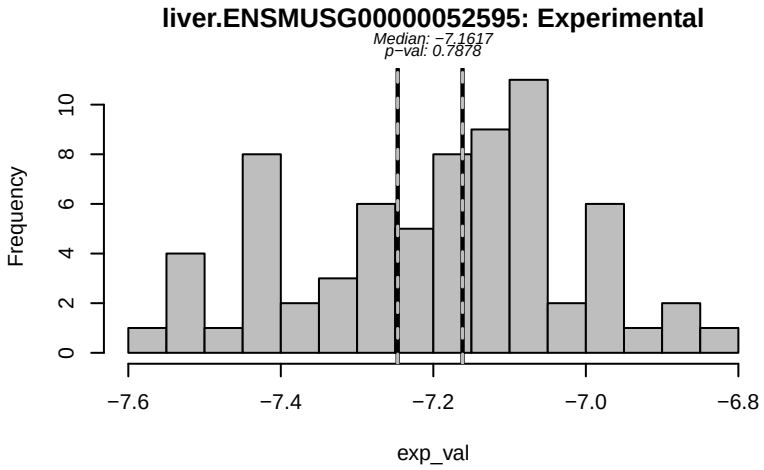

liver.ENSMUSG00000024661: Reference
Median: −7.2650
Frequency
ref_val

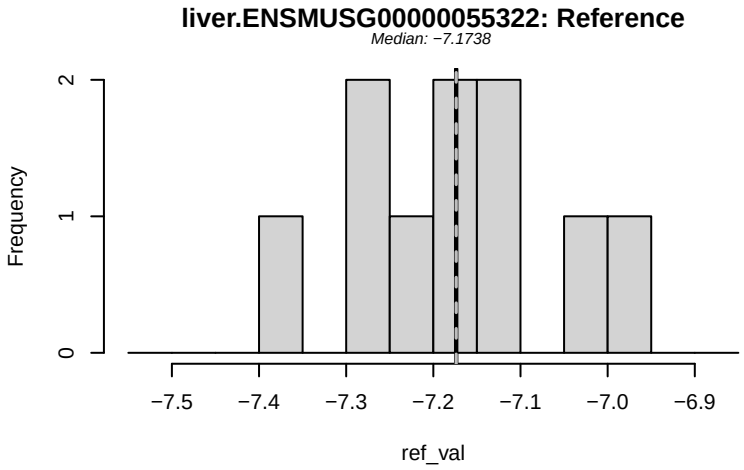

liver.ENSMUSG00000024661: Experimental
Median: −7.2618
p−val: 0.7767
Frequency
exp_val

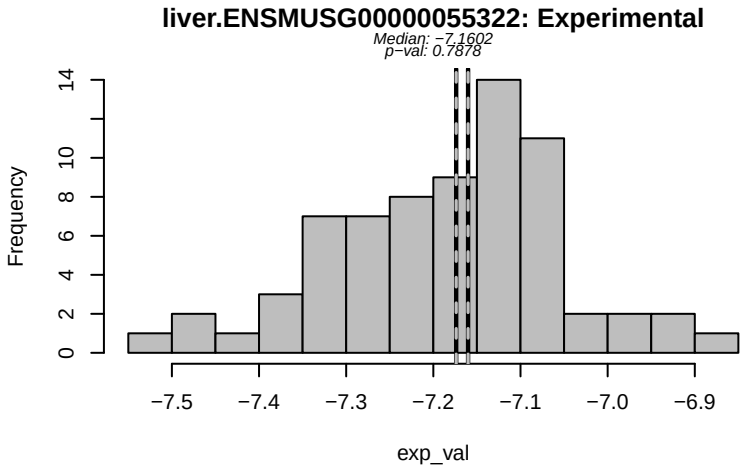

liver.ENSMUSG00000093930: Reference
Median: −6.4131
Frequency
ref_val

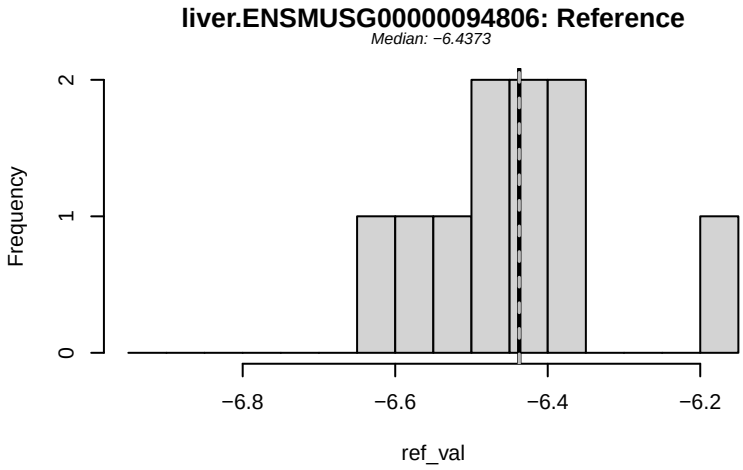

liver.ENSMUSG00000093930: Experimental
Median: −6.4748
p−val: 0.7767
Frequency
exp_val

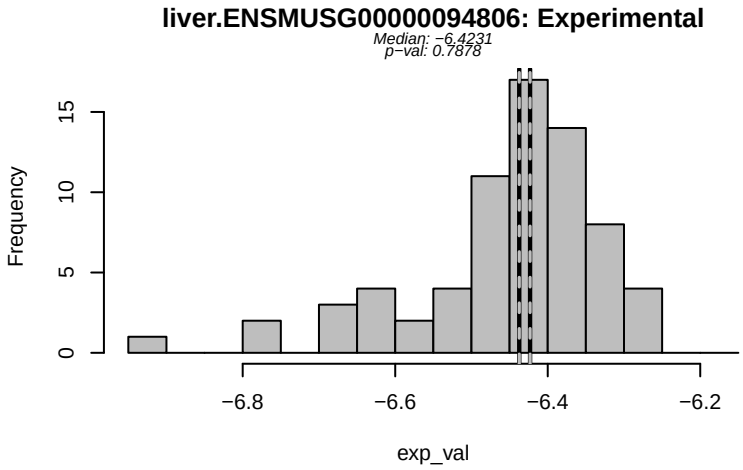

liver.ENSMUSG00000052595: Reference
Median: −7.2467
Frequency
ref_val

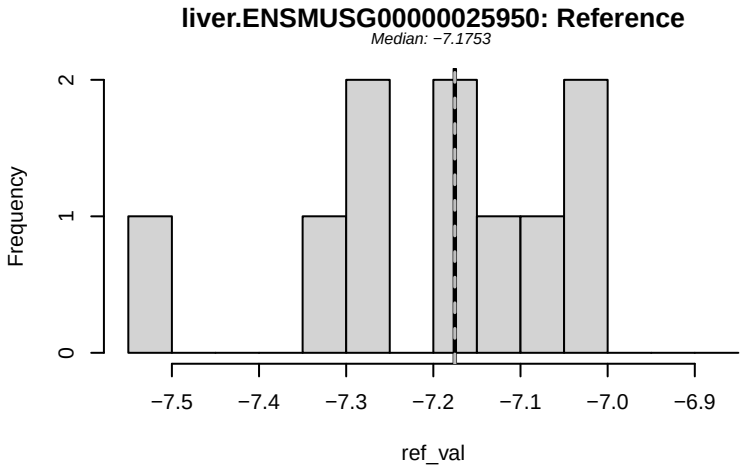

liver.ENSMUSG00000052595: Experimental
Median: −7.1617
p−val: 0.7878
Frequency
exp_val

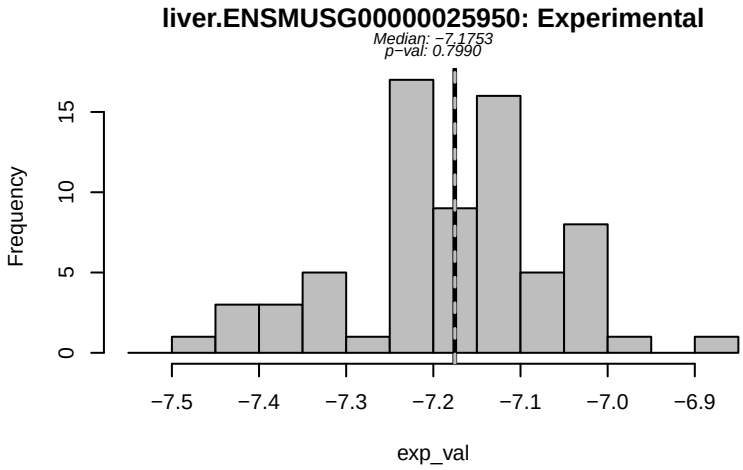

liver.ENSMUSG00000055322: Reference
Median: −7.1738
Frequency
ref_val

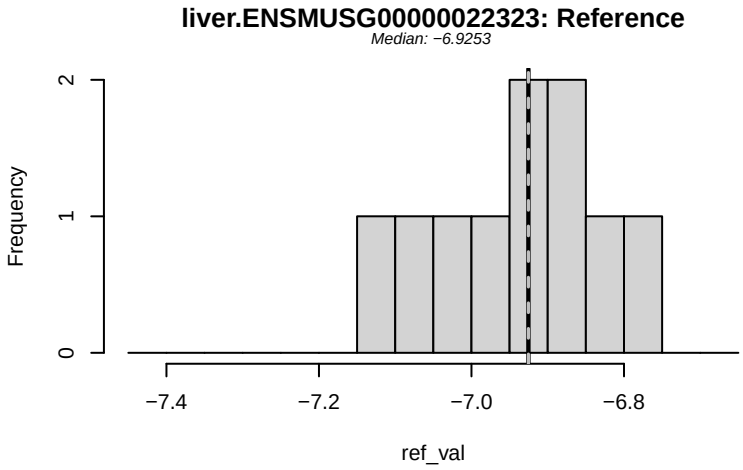

liver.ENSMUSG00000055322: Experimental
Median: −7.1602
p−val: 0.7878
Frequency
exp_val

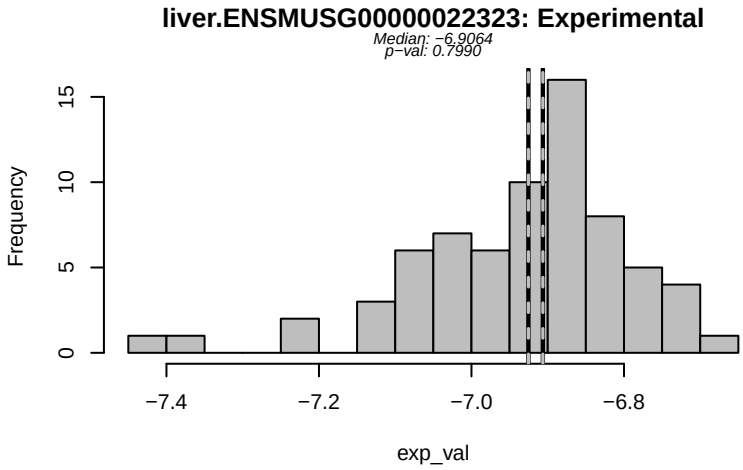

liver.ENSMUSG00000094806: Reference
Median: −6.4373
Frequency
ref_val

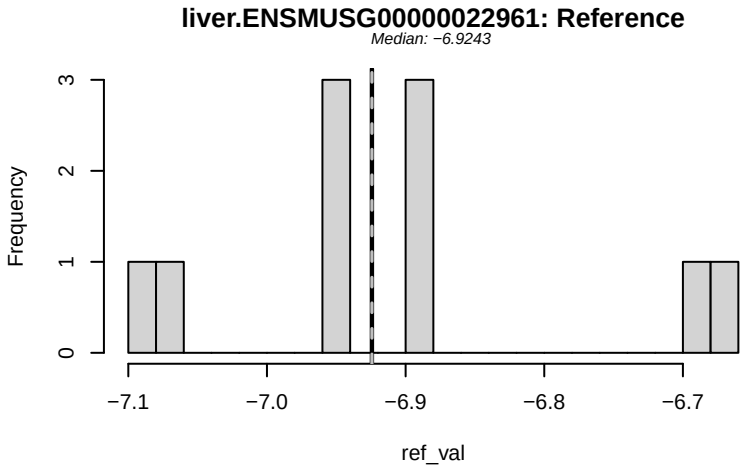

liver.ENSMUSG00000094806: Experimental
Median: −6.4231
p−val: 0.7878
Frequency
exp_val

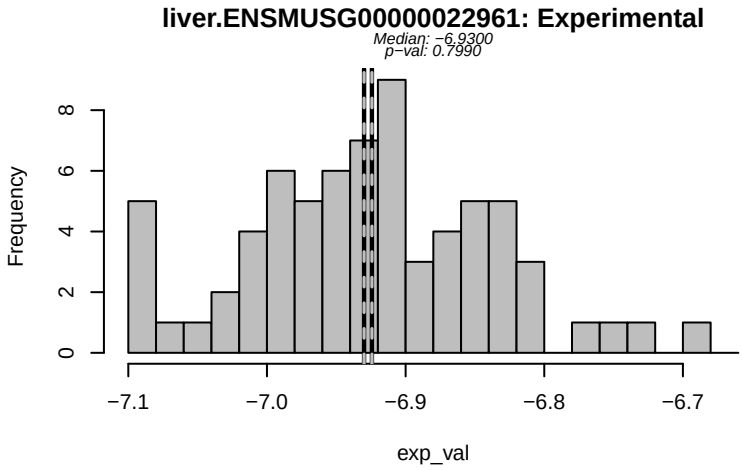

liver.ENSMUSG00000025950: Reference
Median: −7.1753
Frequency
ref_val

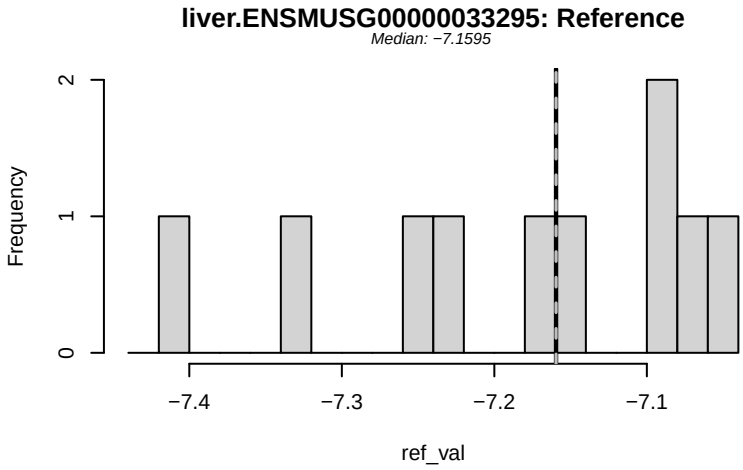

liver.ENSMUSG00000025950: Experimental
Median: −7.1753
p−val: 0.7990
Frequency
exp_val

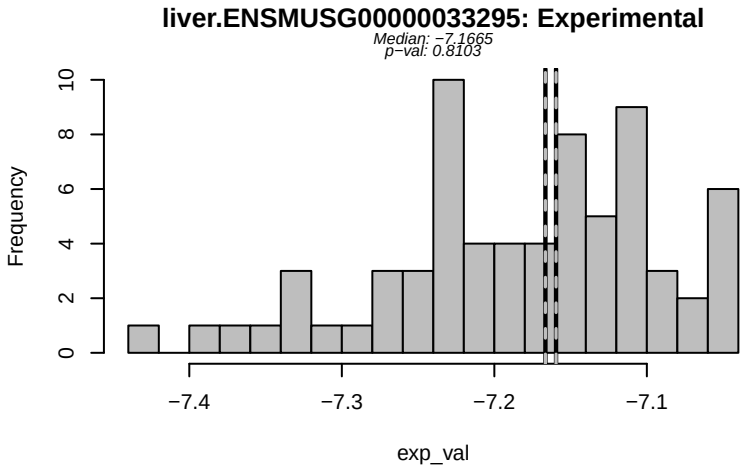

liver.ENSMUSG00000022323: Reference
Median: −6.9253
Frequency
ref_val

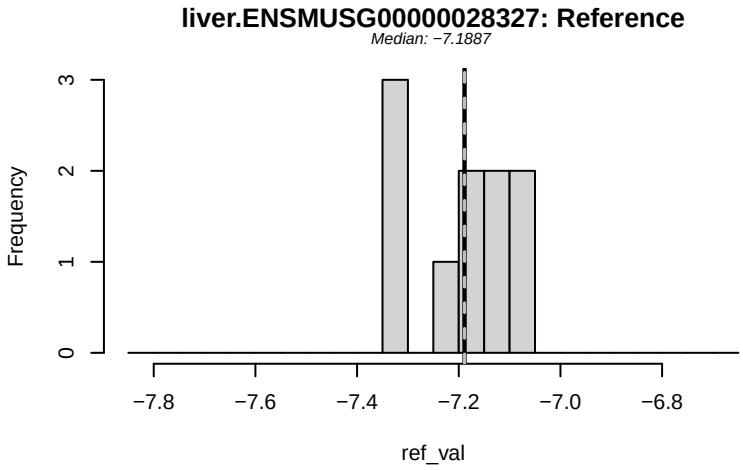

liver.ENSMUSG00000022323: Experimental
Median: −6.9064
p−val: 0.7990
Frequency
exp_val

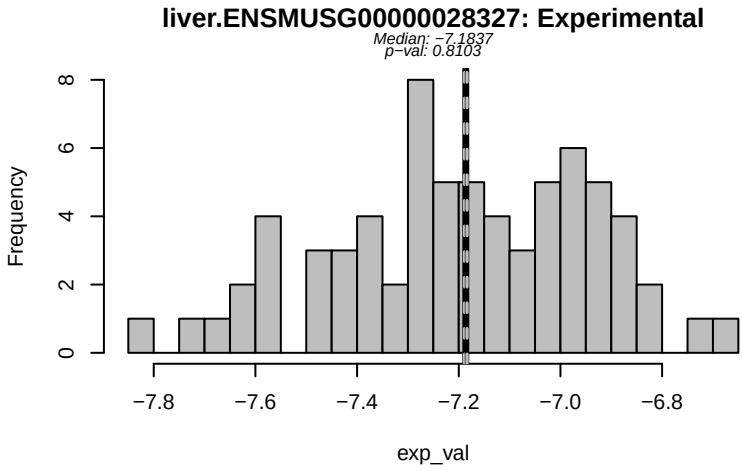

liver.ENSMUSG00000022961: Reference
Median: −6.9243
Frequency
ref_val

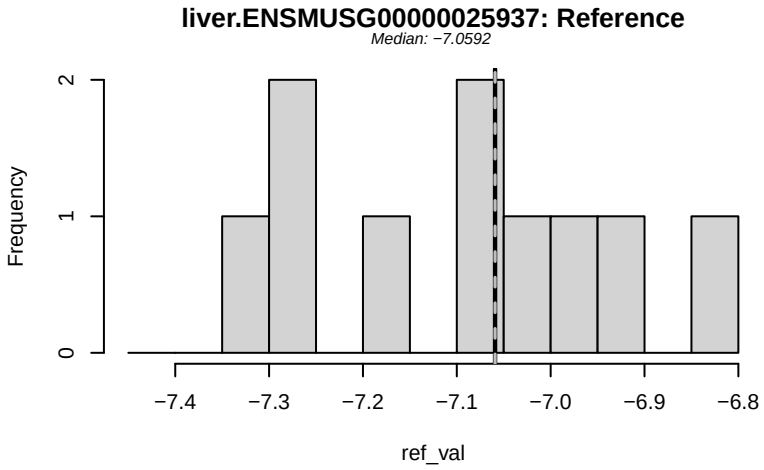

liver.ENSMUSG00000022961: Experimental
Median: −6.9300
p−val: 0.7990
Frequency
exp_val

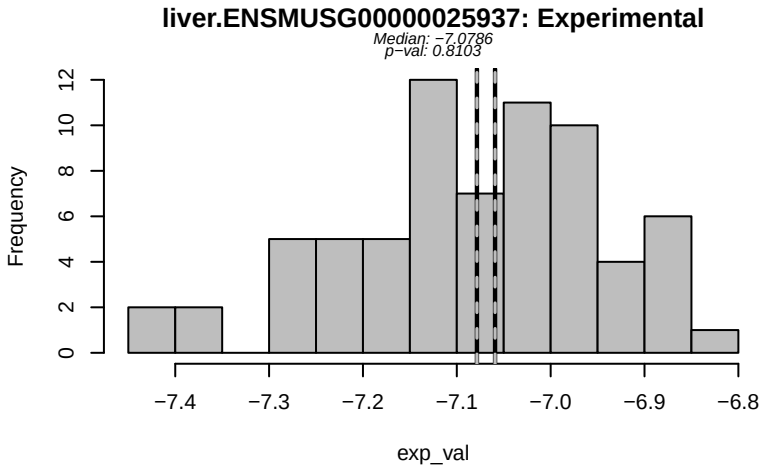

liver.ENSMUSG00000033295: Reference
Median: −7.1595
Frequency
ref_val

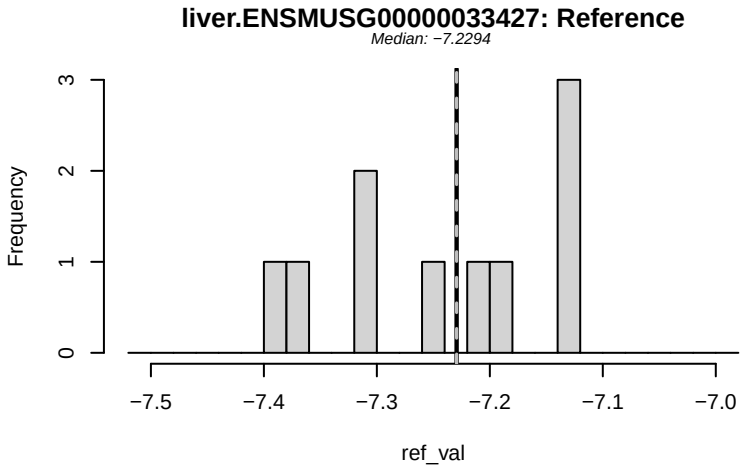

liver.ENSMUSG00000033295: Experimental
Median: −7.1665
p−val: 0.8103
Frequency
exp_val

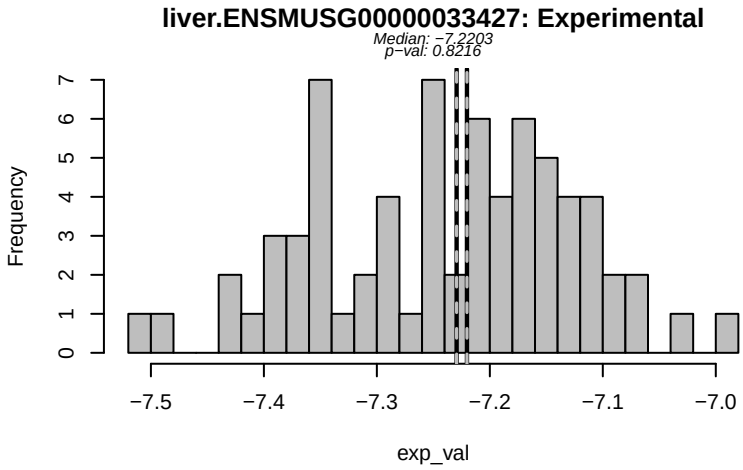

liver.ENSMUSG00000028327: Reference
Median: −7.1887
Frequency
ref_val

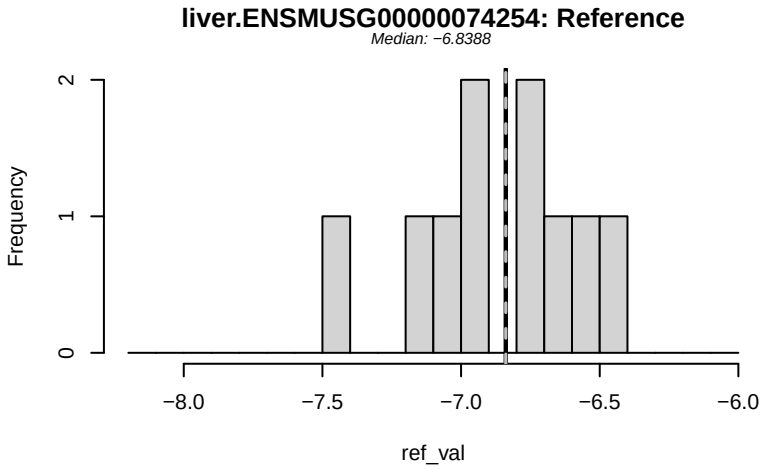

liver.ENSMUSG00000028327: Experimental
Median: −7.1837
p−val: 0.8103
Frequency
exp_val

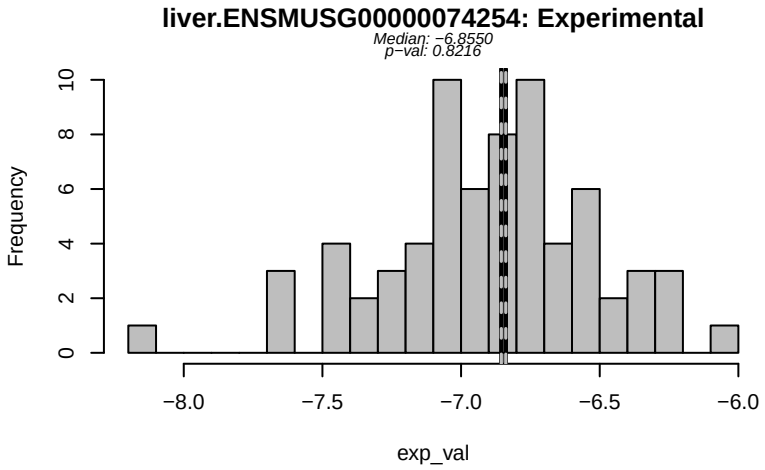

liver.ENSMUSG00000025937: Reference
Median: −7.0592
Frequency
ref_val

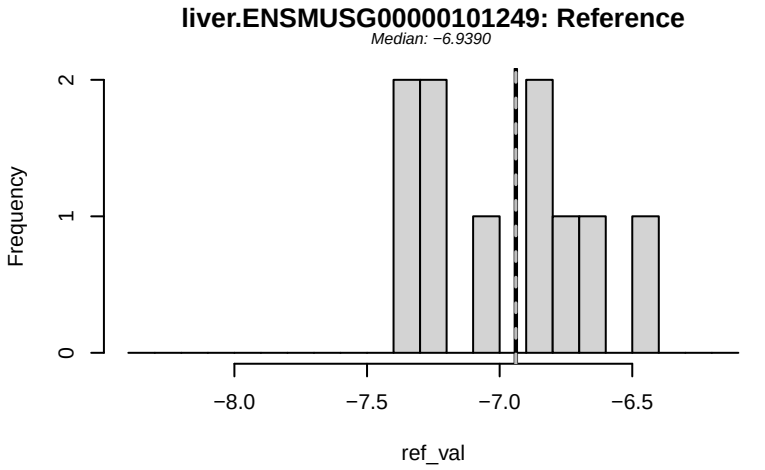

liver.ENSMUSG00000025937: Experimental
Median: −7.0786
p−val: 0.8103
Frequency
exp_val

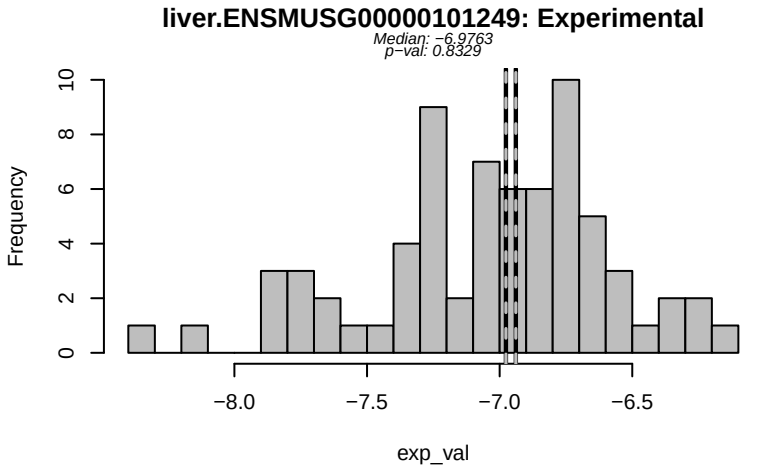

liver.ENSMUSG00000033427: Reference
Median: −7.2294
Frequency
ref_val

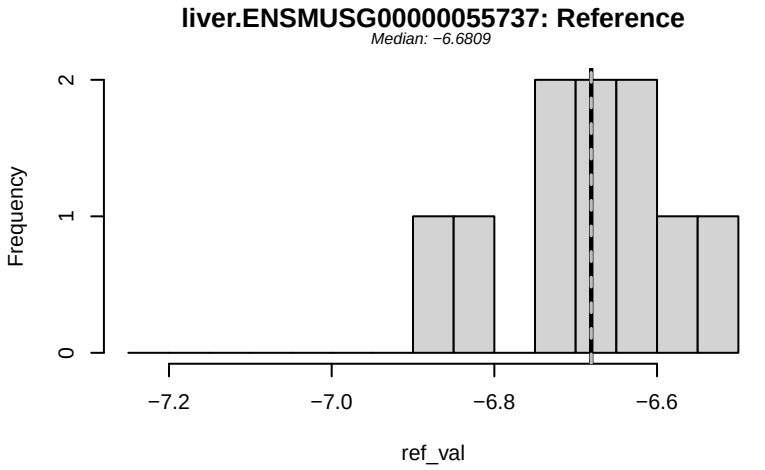

liver.ENSMUSG00000033427: Experimental
Median: −7.2203
p−val: 0.8216
Frequency
exp_val

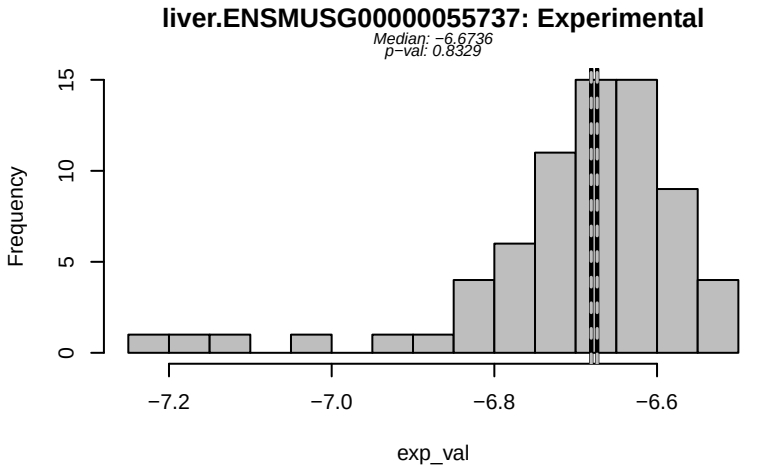

liver.ENSMUSG00000074254: Reference
Median: −6.8388
Frequency
ref_val

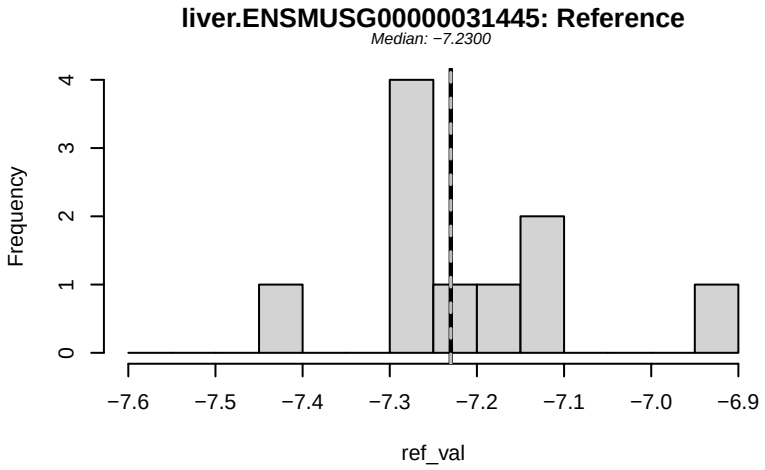

liver.ENSMUSG00000074254: Experimental
Median: −6.8550
p−val: 0.8216
Frequency
exp_val

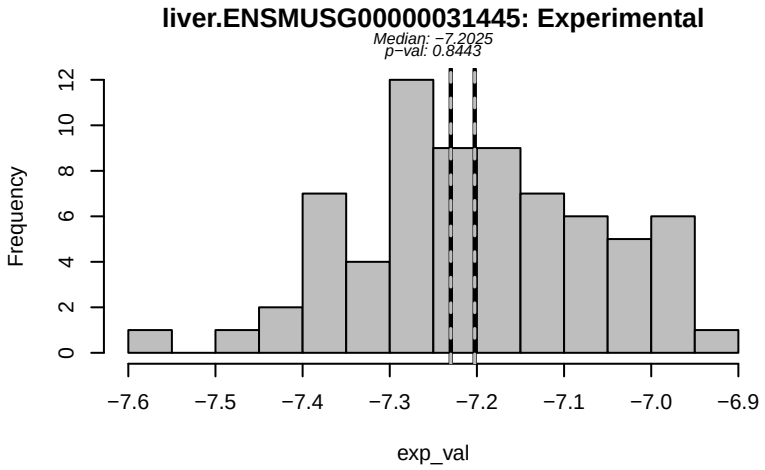

liver.ENSMUSG00000101249: Reference
Median: −6.9390
Frequency
ref_val

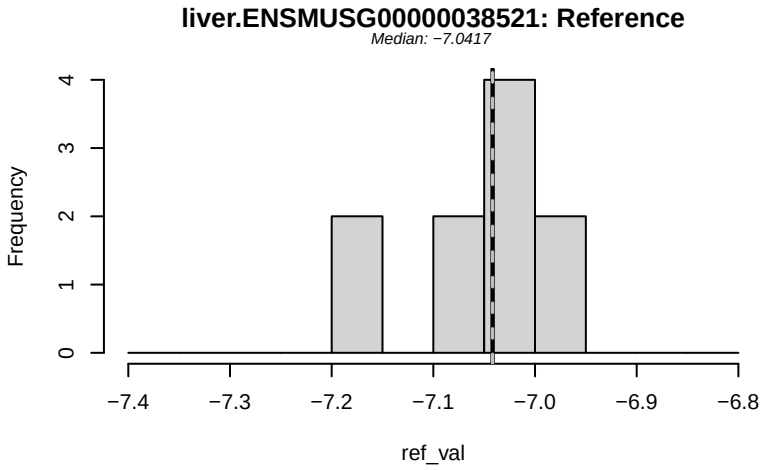

liver.ENSMUSG00000101249: Experimental
Median: −6.9763
p−val: 0.8329
Frequency
exp_val

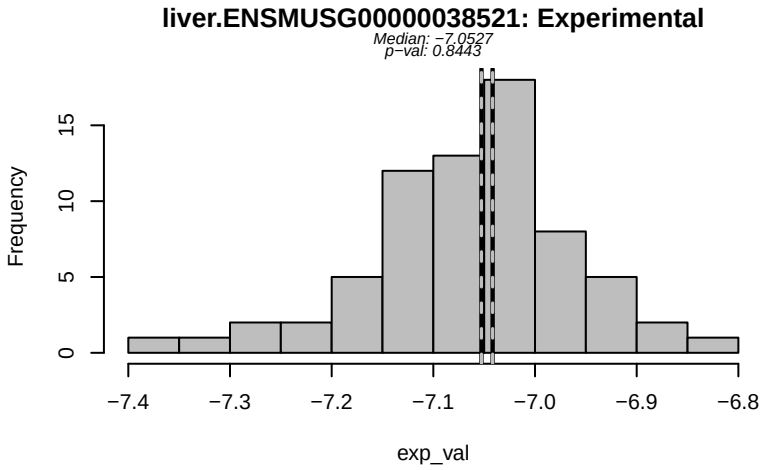

liver.ENSMUSG00000055737: Reference
Median: −6.6809
Frequency
ref_val

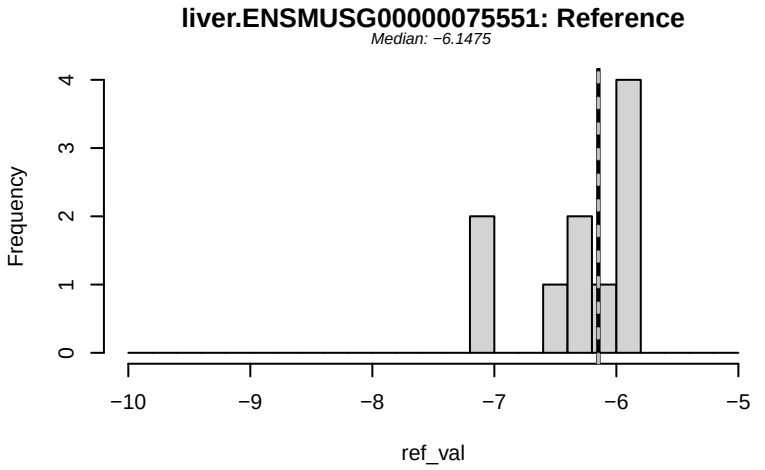

liver.ENSMUSG00000055737: Experimental
Median: −6.6736
p−val: 0.8329
Frequency
exp_val

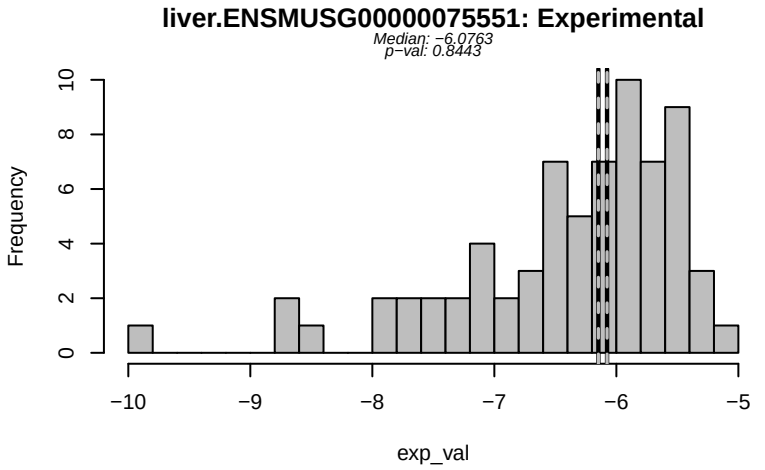

liver.ENSMUSG00000031445: Reference
Median: −7.2300
Frequency
ref_val

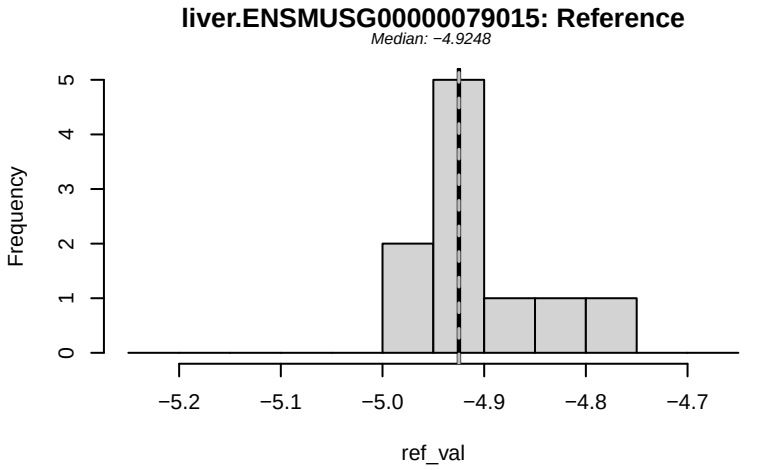

liver.ENSMUSG00000031445: Experimental
Median: −7.2025
p−val: 0.8443
Frequency
exp_val

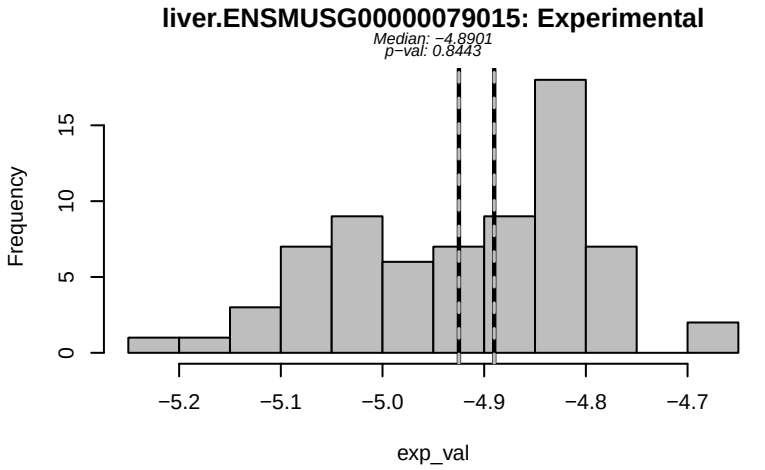

liver.ENSMUSG00000038521: Reference
Median: −7.0417
Frequency
ref_val

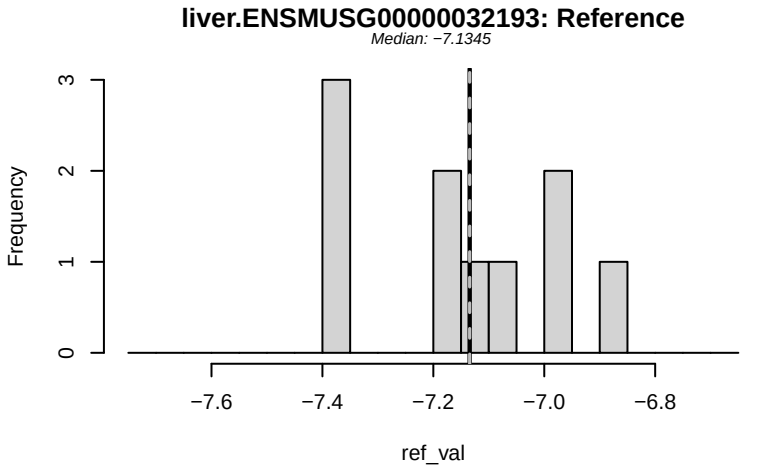

liver.ENSMUSG00000038521: Experimental
Median: −7.0527
p−val: 0.8443
Frequency
exp_val

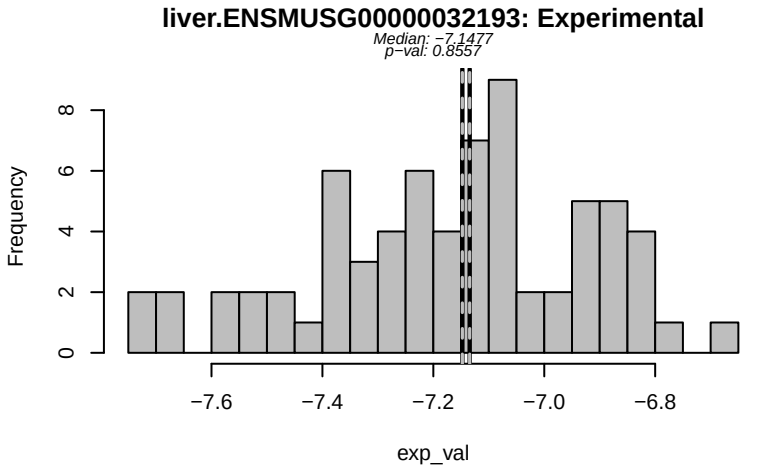

liver.ENSMUSG00000075551: Reference
Median: −6.1475
Frequency
ref_val

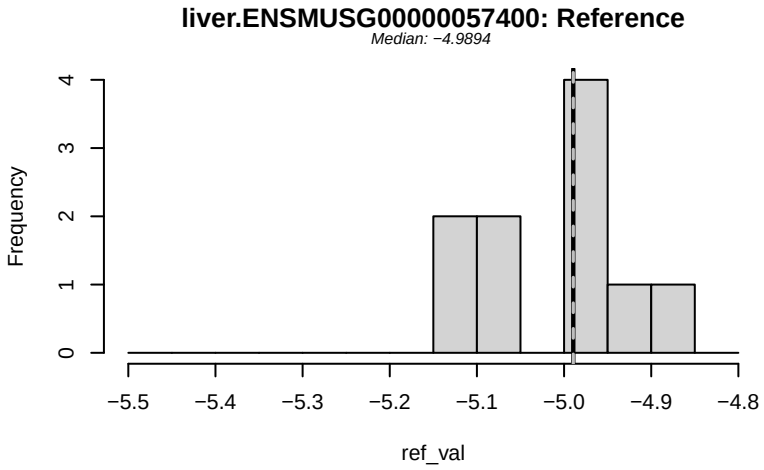

liver.ENSMUSG00000075551: Experimental
Median: −6.0763
p−val: 0.8443
Frequency
exp_val

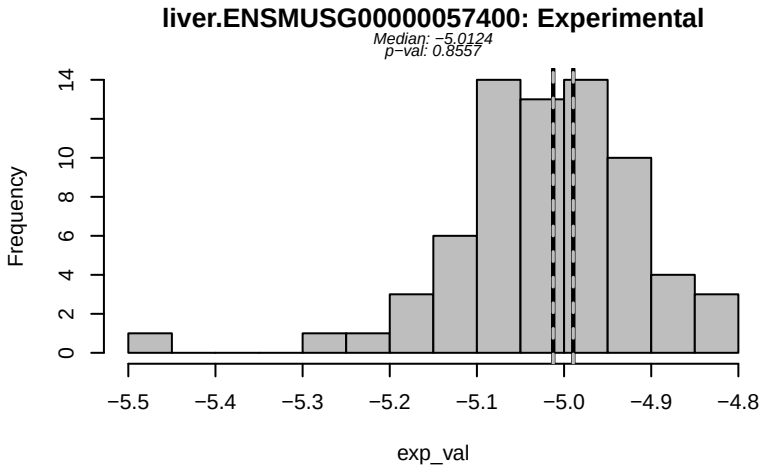

liver.ENSMUSG00000079015: Reference
Median: −4.9248
Frequency
ref_val

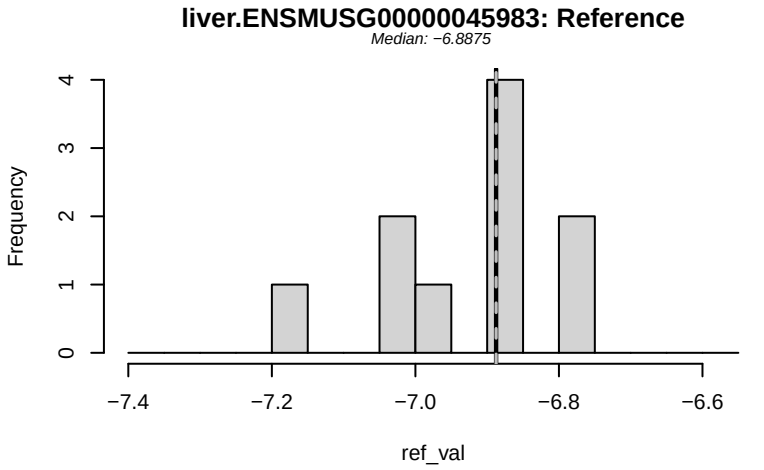

liver.ENSMUSG00000079015: Experimental
Median: −4.8901
p−val: 0.8443
Frequency
exp_val

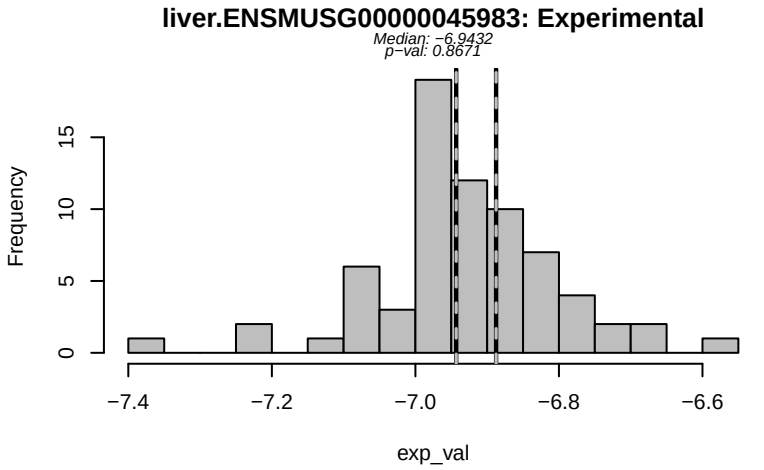

liver.ENSMUSG00000032193: Reference
Median: −7.1345
Frequency
ref_val

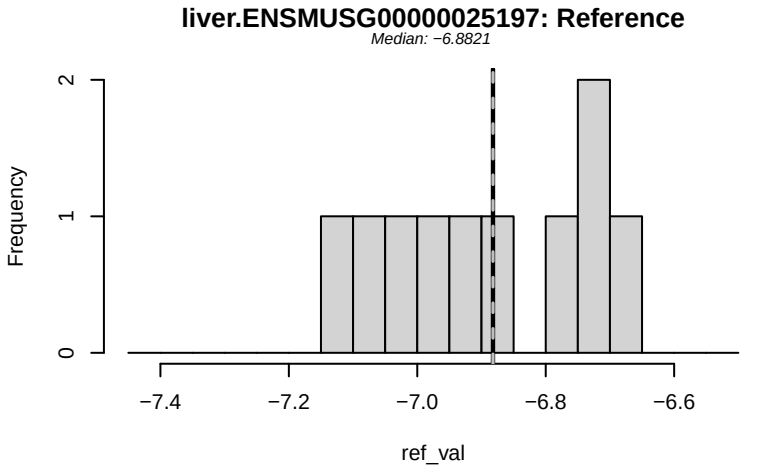

liver.ENSMUSG00000032193: Experimental
Median: −7.1477
p−val: 0.8557
Frequency
exp_val

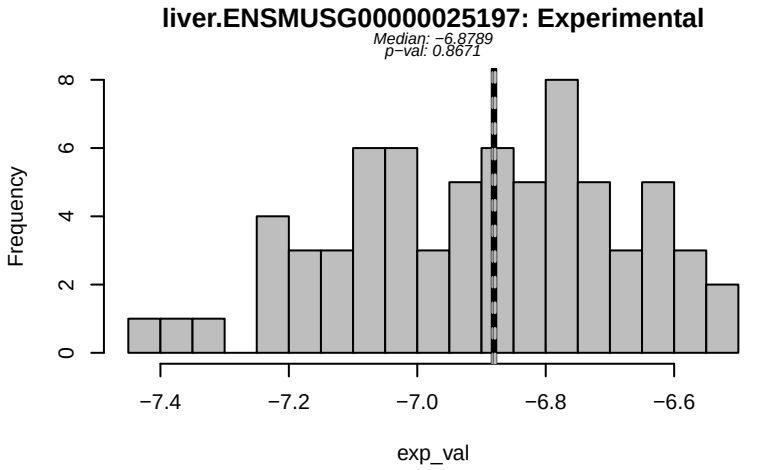

liver.ENSMUSG00000057400: Reference
Median: −4.9894
Frequency
ref_val

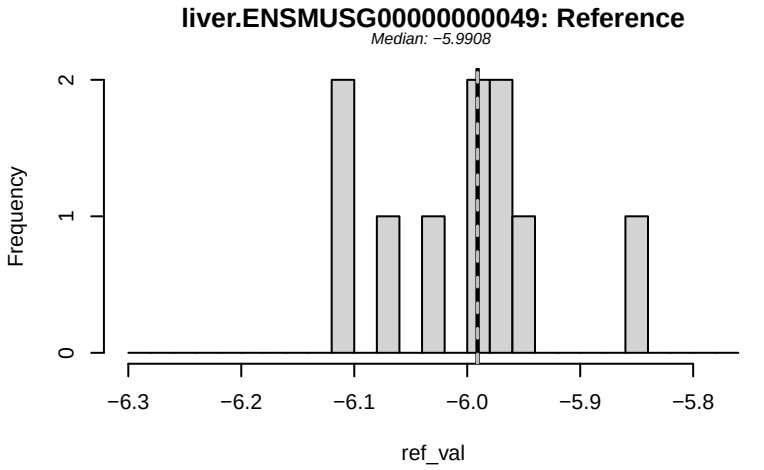

liver.ENSMUSG00000057400: Experimental
Median: −5.0124
p−val: 0.8557
Frequency
exp_val

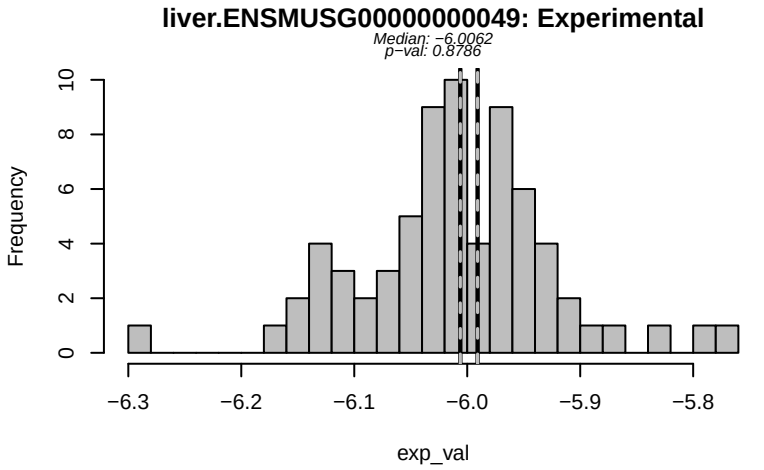

liver.ENSMUSG00000045983: Reference
Median: −6.8875
Frequency
ref_val

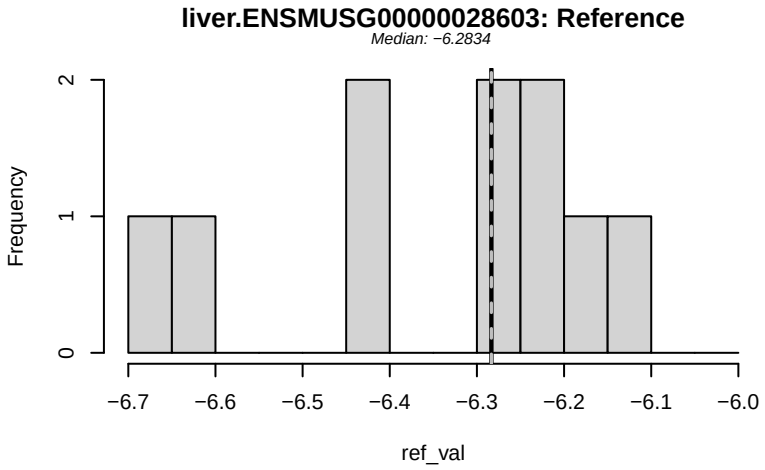

liver.ENSMUSG00000045983: Experimental
Median: −6.9432
p−val: 0.8671
Frequency
exp_val

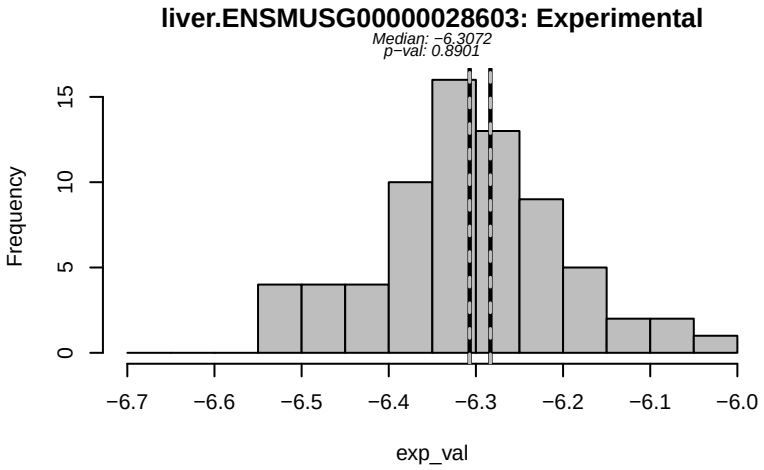

liver.ENSMUSG00000025197: Reference
Median: −6.8821
Frequency
ref_val

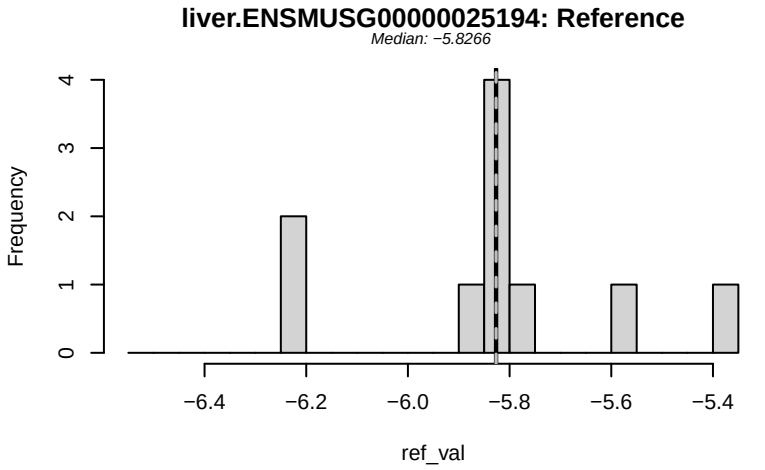

liver.ENSMUSG00000025197: Experimental
Median: −6.8789
p−val: 0.8671
Frequency
exp_val

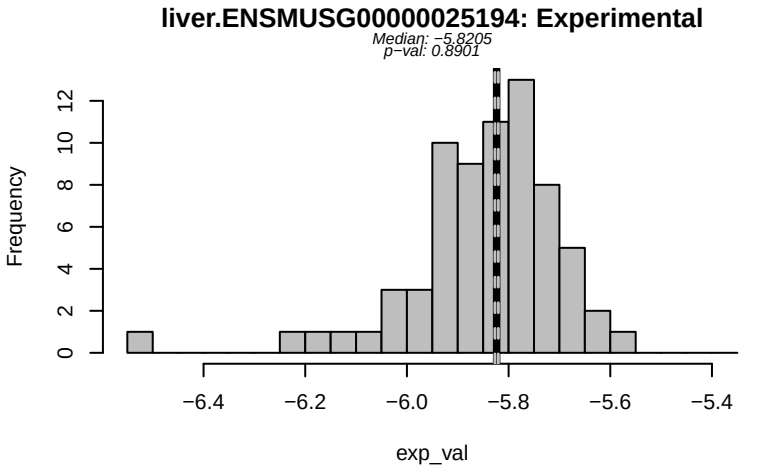

liver.ENSMUSG00000000049: Reference
Median: −5.9908
Frequency
ref_val

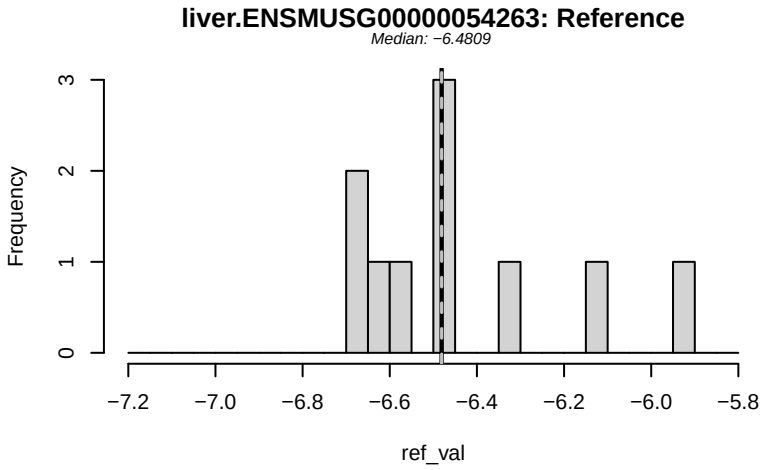

liver.ENSMUSG00000000049: Experimental
Median: −6.0062
p−val: 0.8786
Frequency
exp_val

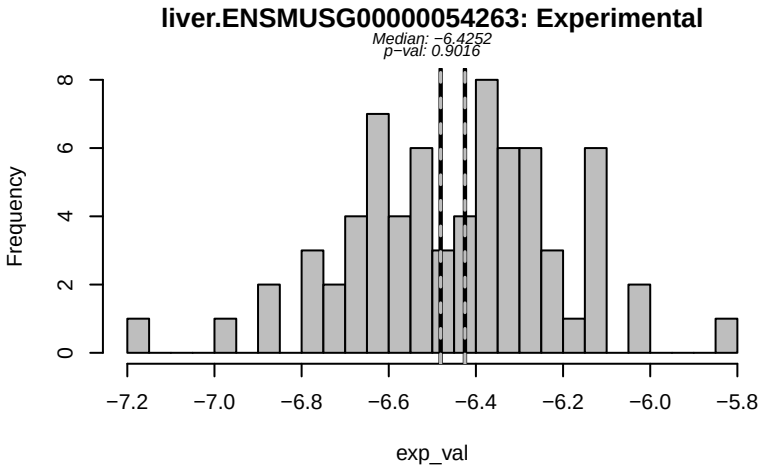

liver.ENSMUSG00000028603: Reference
Median: −6.2834
Frequency
ref_val

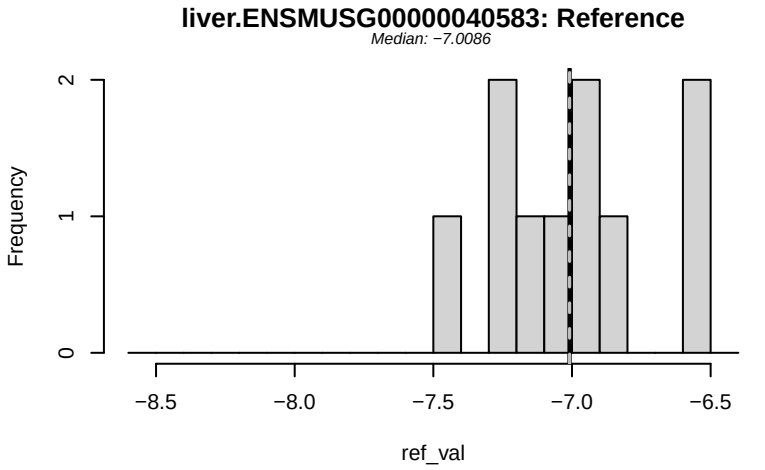

liver.ENSMUSG00000028603: Experimental
Median: −6.3072
p−val: 0.8901
Frequency
exp_val

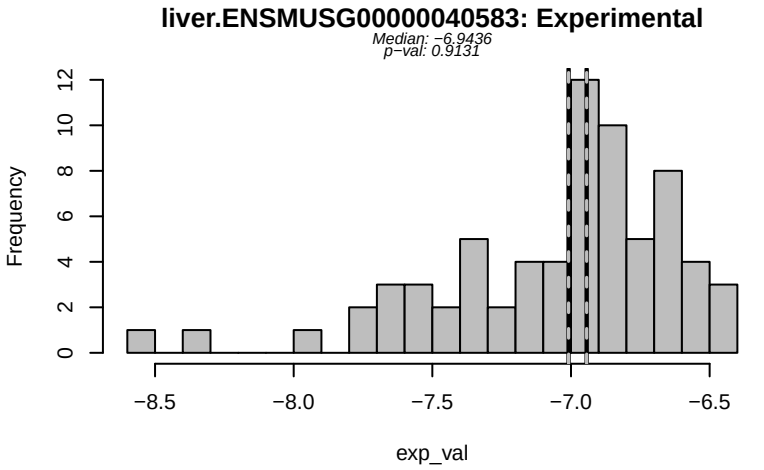

liver.ENSMUSG00000025194: Reference
Median: −5.8266
Frequency
ref_val

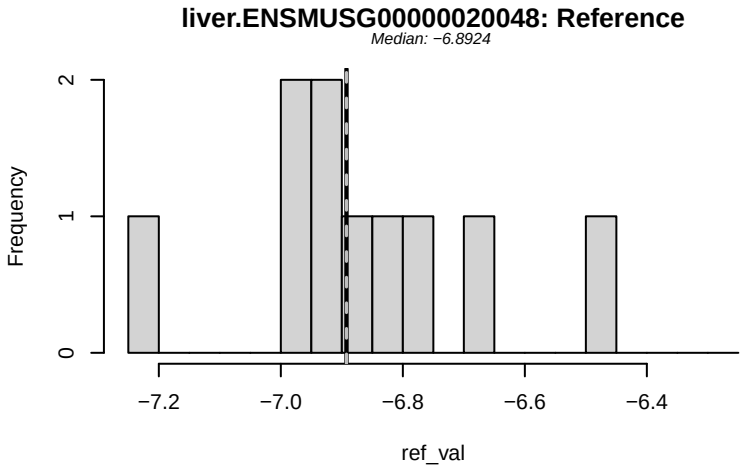

liver.ENSMUSG00000025194: Experimental
Median: −5.8205
p−val: 0.8901
Frequency
exp_val

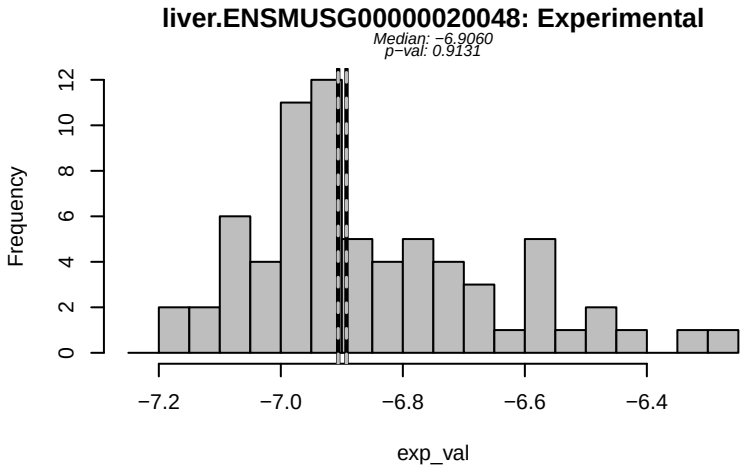

liver.ENSMUSG00000054263: Reference
Median: −6.4809
Frequency
ref_val

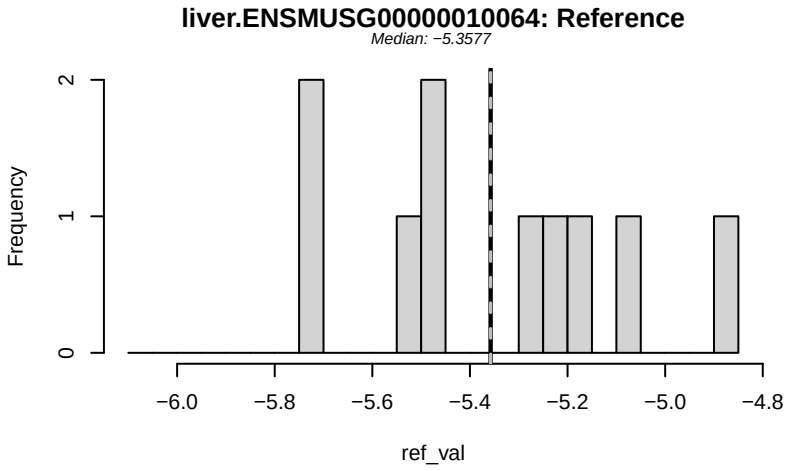

liver.ENSMUSG00000054263: Experimental
Median: −6.4252
p−val: 0.9016
Frequency
exp_val

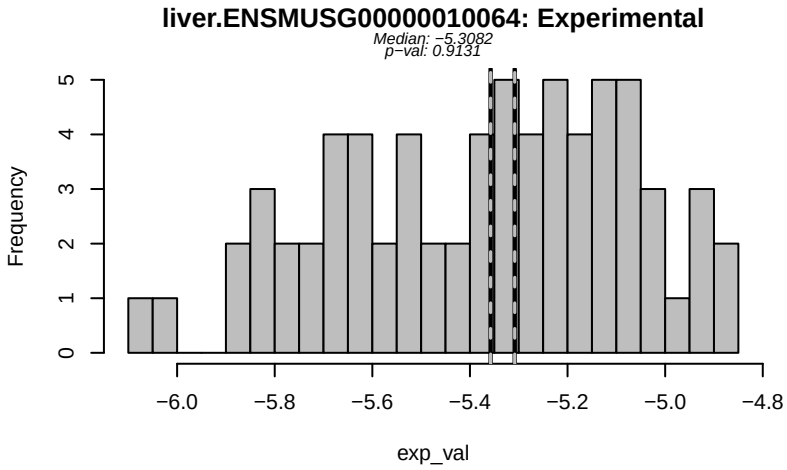

liver.ENSMUSG00000040583: Reference
Median: −7.0086
Frequency
ref_val

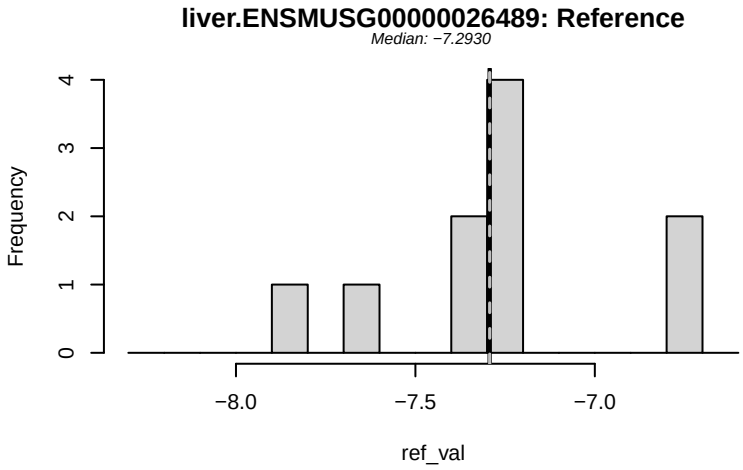

liver.ENSMUSG00000040583: Experimental
Median: −6.9436
p−val: 0.9131
Frequency
exp_val

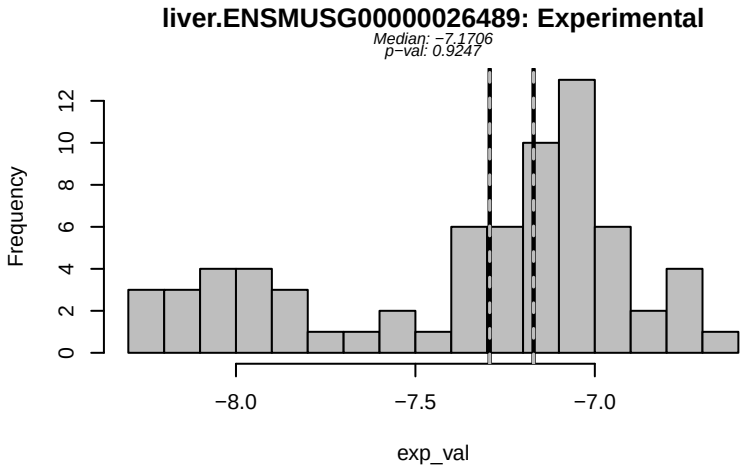

liver.ENSMUSG00000020048: Reference
Median: −6.8924
Frequency
ref_val

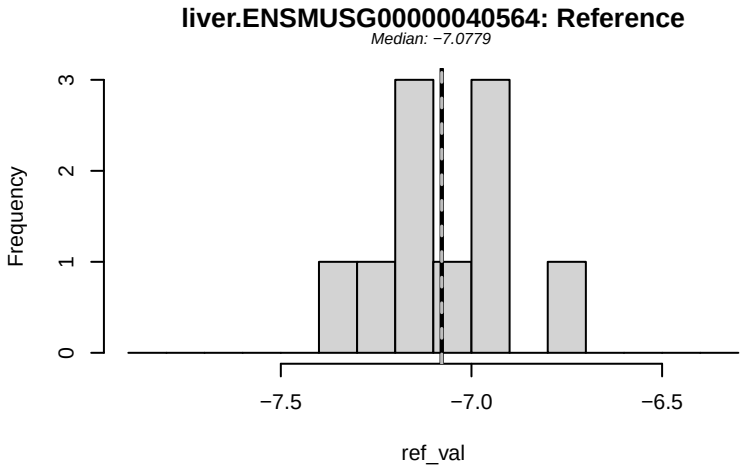

liver.ENSMUSG00000020048: Experimental
Median: −6.9060
p−val: 0.9131
Frequency
exp_val

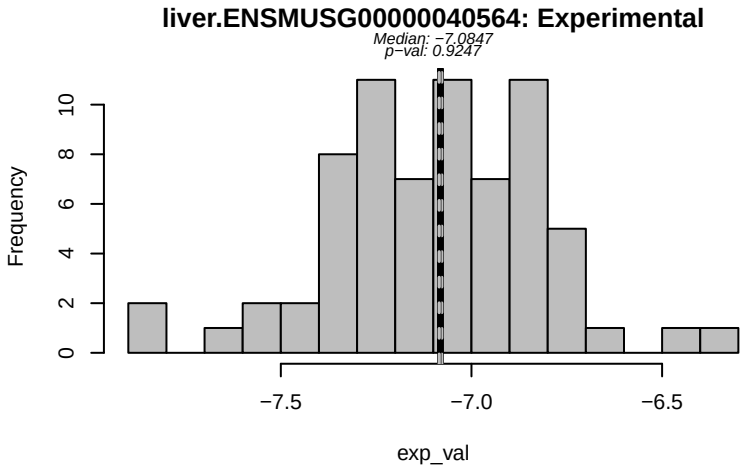

liver.ENSMUSG00000010064: Reference
Median: −5.3577
Frequency
ref_val

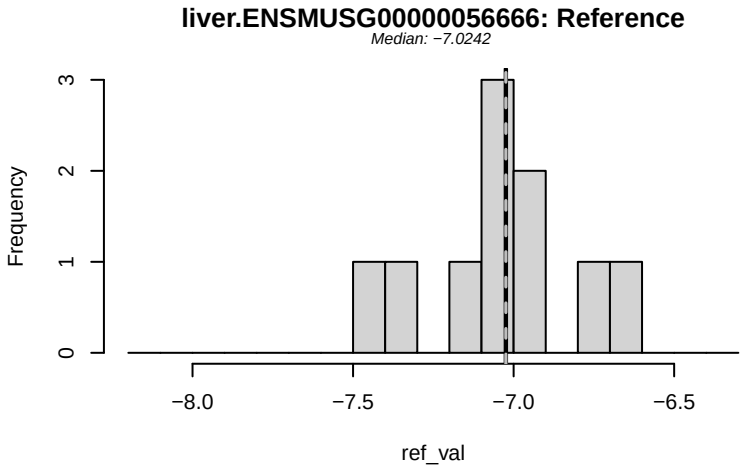

liver.ENSMUSG00000010064: Experimental
Median: −5.3082
p−val: 0.9131
Frequency
exp_val

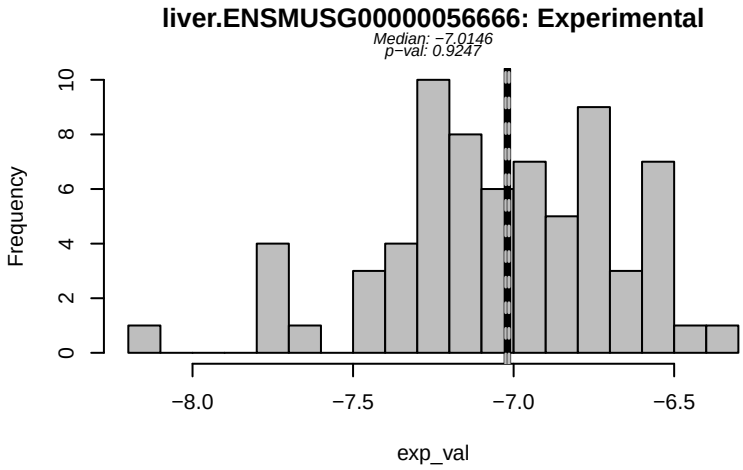

liver.ENSMUSG00000026489: Reference
Median: −7.2930
Frequency
ref_val

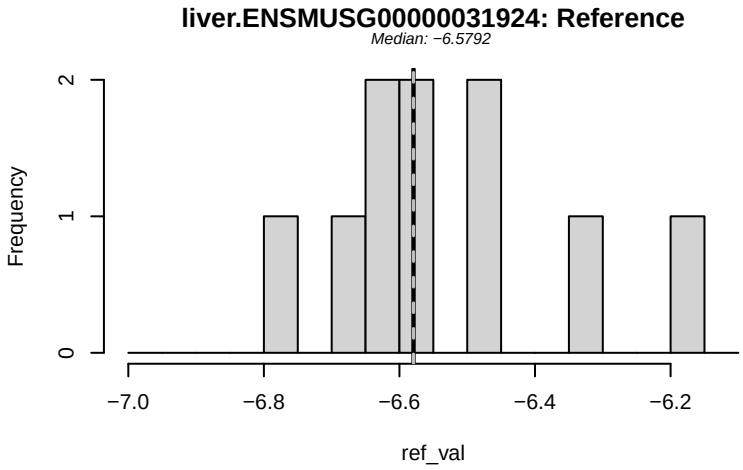

liver.ENSMUSG00000026489: Experimental
Median: −7.1706
p−val: 0.9247
Frequency
exp_val

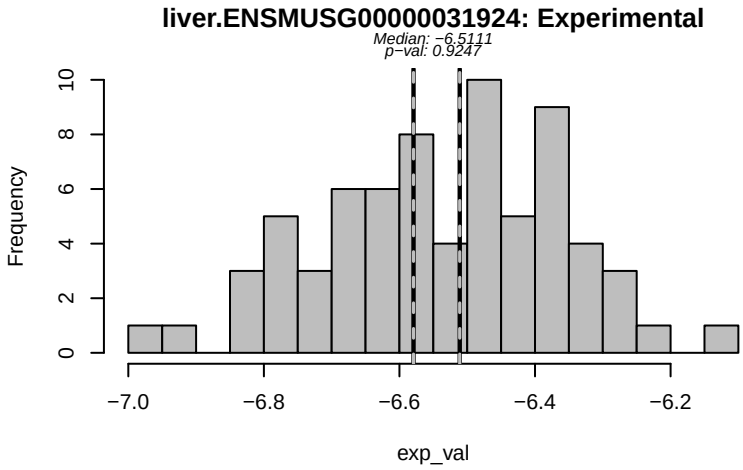

liver.ENSMUSG00000040564: Reference
Median: −7.0779
Frequency
ref_val

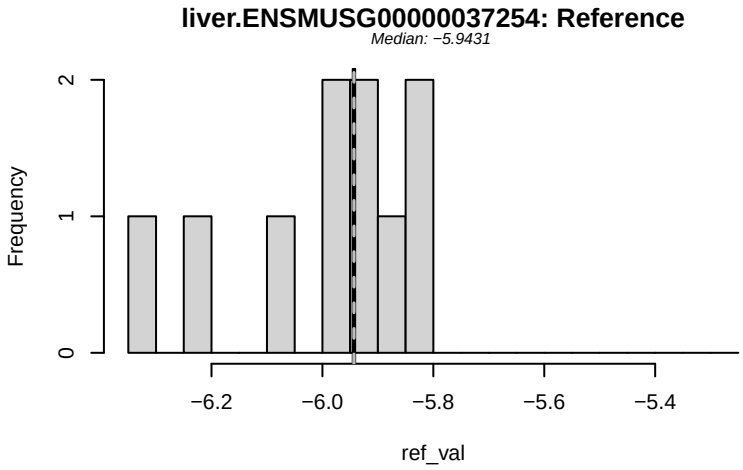

liver.ENSMUSG00000040564: Experimental
Median: −7.0847
p−val: 0.9247
Frequency
exp_val

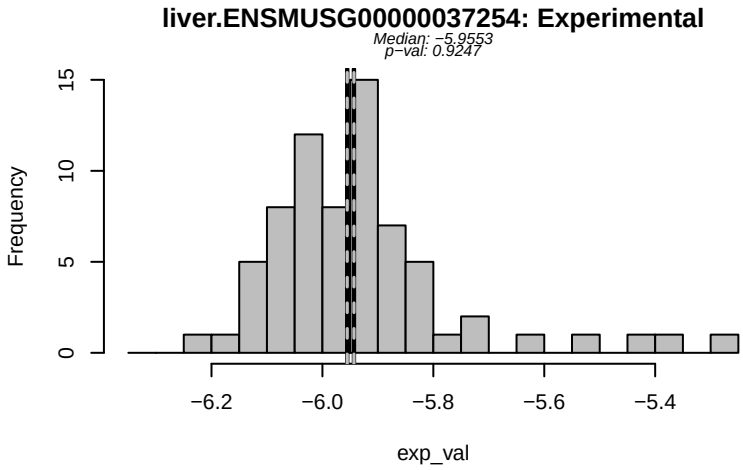

liver.ENSMUSG00000056666: Reference
Median: −7.0242
Frequency
ref_val

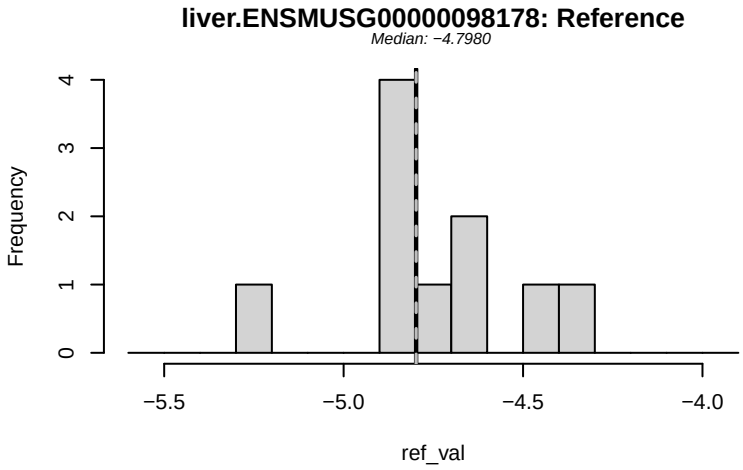

liver.ENSMUSG00000056666: Experimental
Median: −7.0146
p−val: 0.9247
Frequency
exp_val

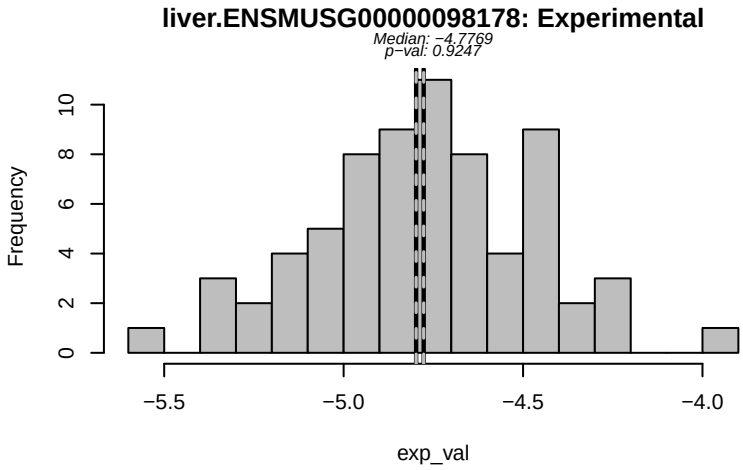

liver.ENSMUSG00000031924: Reference
Median: −6.5792
Frequency
ref_val

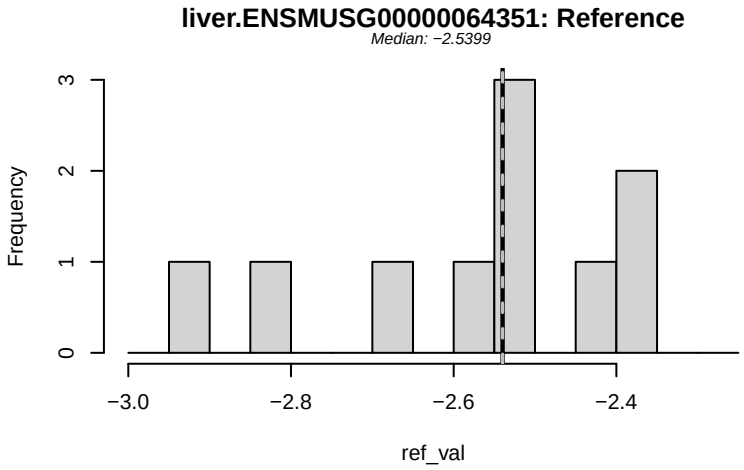

liver.ENSMUSG00000031924: Experimental
Median: −6.5111
p−val: 0.9247
Frequency
exp_val

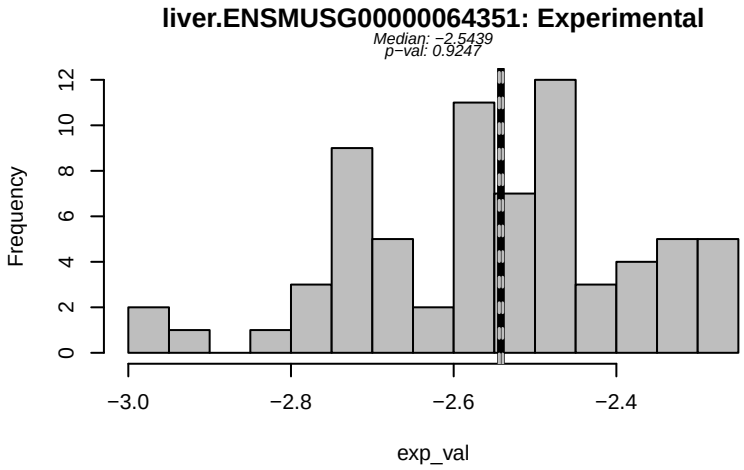

liver.ENSMUSG00000037254: Reference
Median: −5.9431
Frequency
ref_val

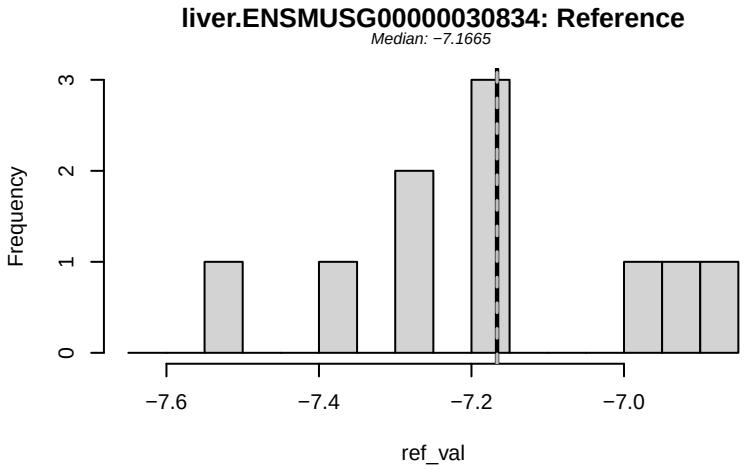

liver.ENSMUSG00000037254: Experimental
Median: −5.9553
p−val: 0.9247
Frequency
exp_val

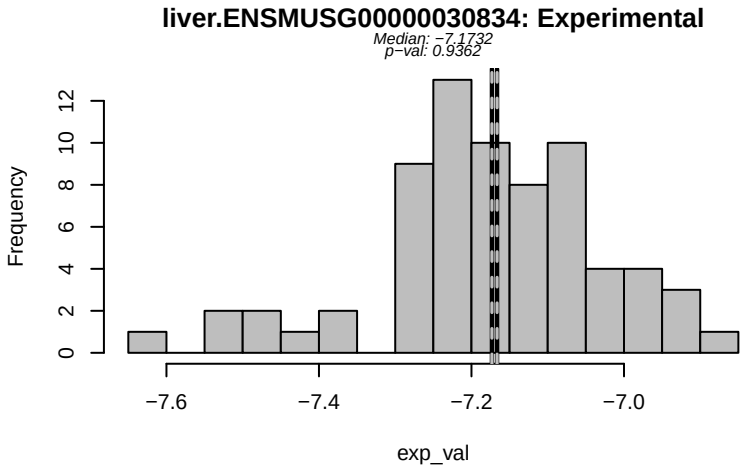

liver.ENSMUSG00000098178: Reference
Median: −4.7980
Frequency
ref_val

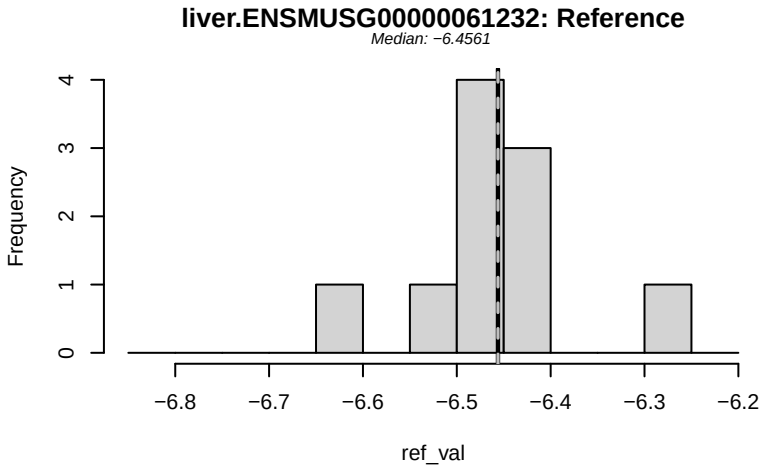

liver.ENSMUSG00000098178: Experimental
Median: −4.7769
p−val: 0.9247
Frequency
exp_val

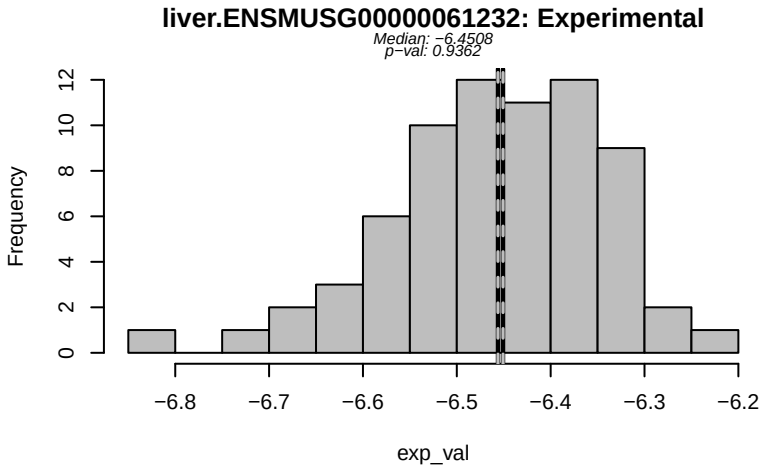

liver.ENSMUSG00000064351: Reference
Median: −2.5399
Frequency
ref_val

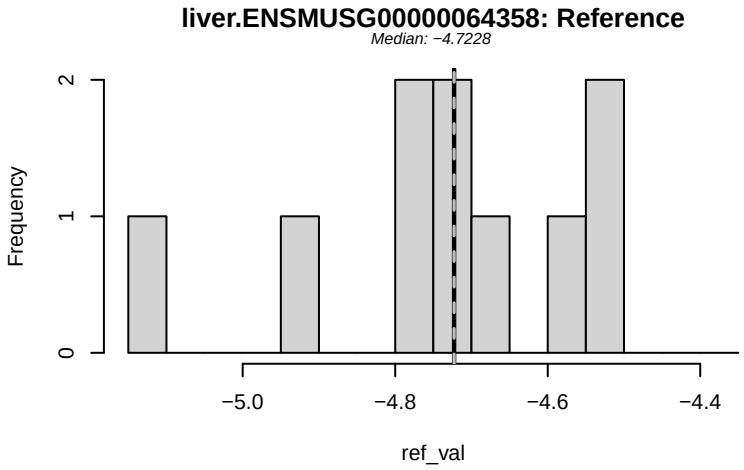

liver.ENSMUSG00000064351: Experimental
Median: −2.5439
p−val: 0.9247
Frequency
exp_val

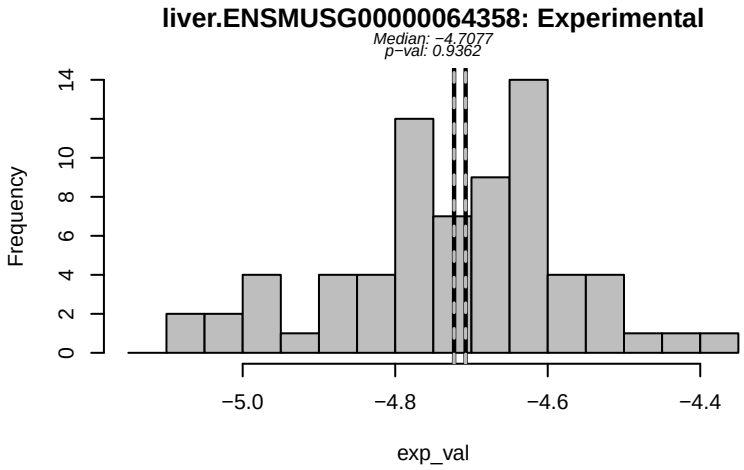

liver.ENSMUSG00000030834: Reference
Median: −7.1665
Frequency
ref_val

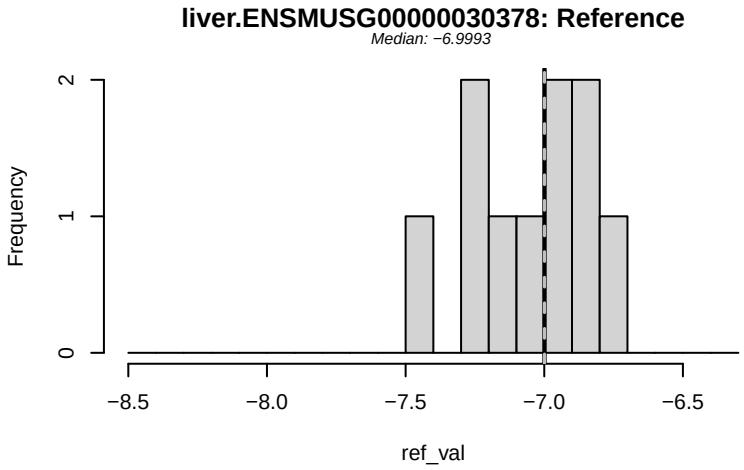

liver.ENSMUSG00000030834: Experimental
Median: −7.1732
p−val: 0.9362
Frequency
exp_val

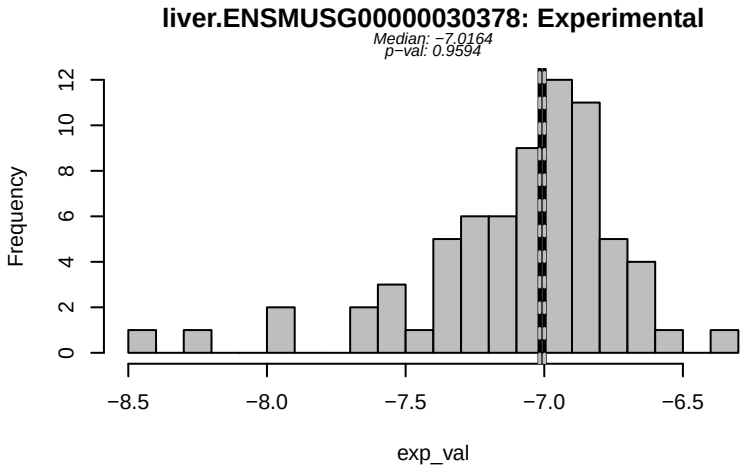

liver.ENSMUSG00000061232: Reference
Median: −6.4561
Frequency
ref_val

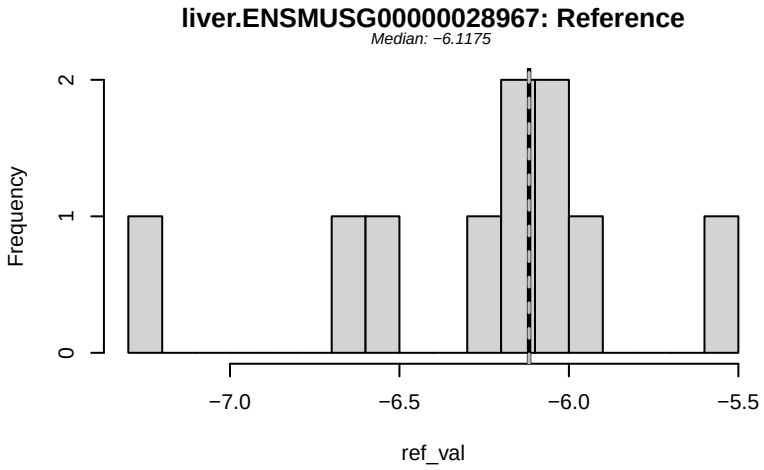

liver.ENSMUSG00000061232: Experimental
Median: −6.4508
p−val: 0.9362
Frequency
exp_val

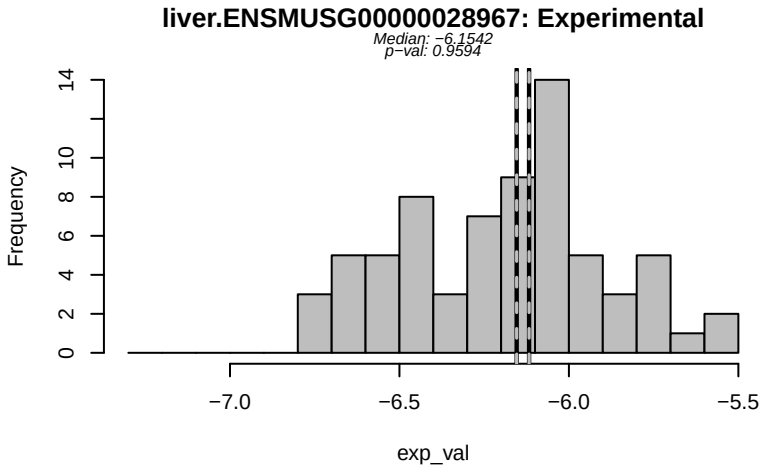

liver.ENSMUSG00000064358: Reference
Median: −4.7228
Frequency
ref_val

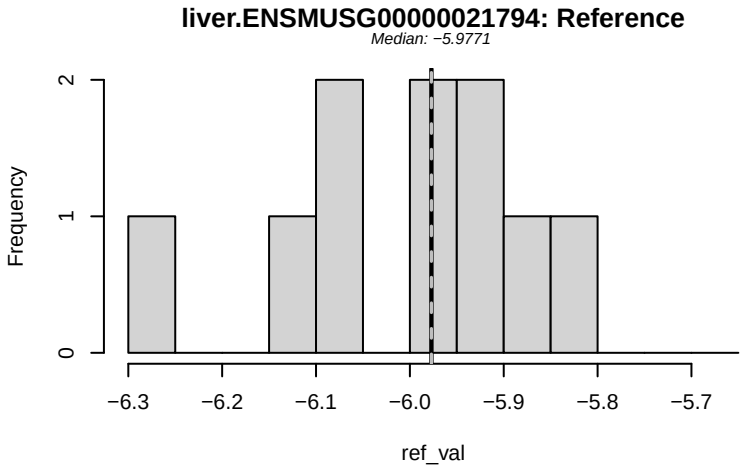

liver.ENSMUSG00000064358: Experimental
Median: −4.7077
p−val: 0.9362
Frequency
exp_val

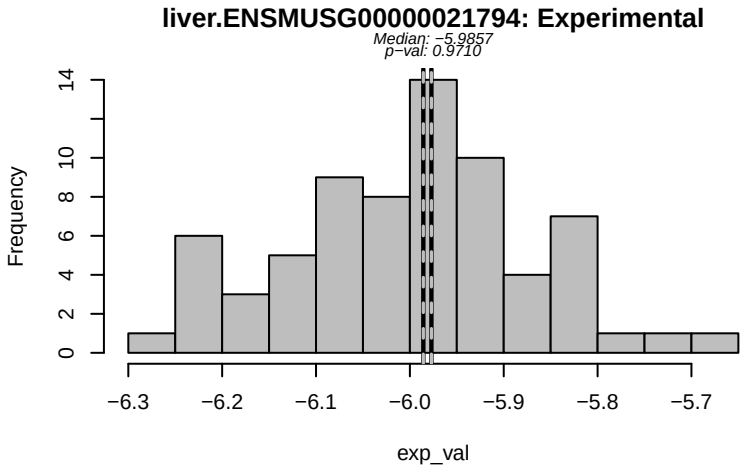

liver.ENSMUSG00000030378: Reference
Median: −6.9993
Frequency
ref_val

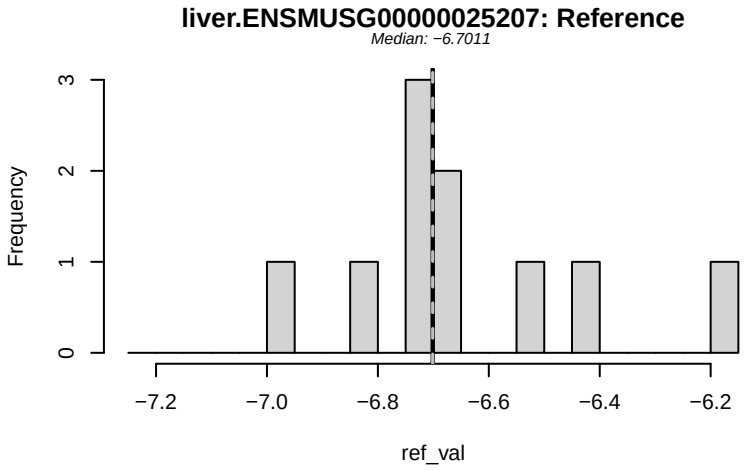

liver.ENSMUSG00000030378: Experimental
Median: −7.0164
p−val: 0.9594
Frequency
exp_val

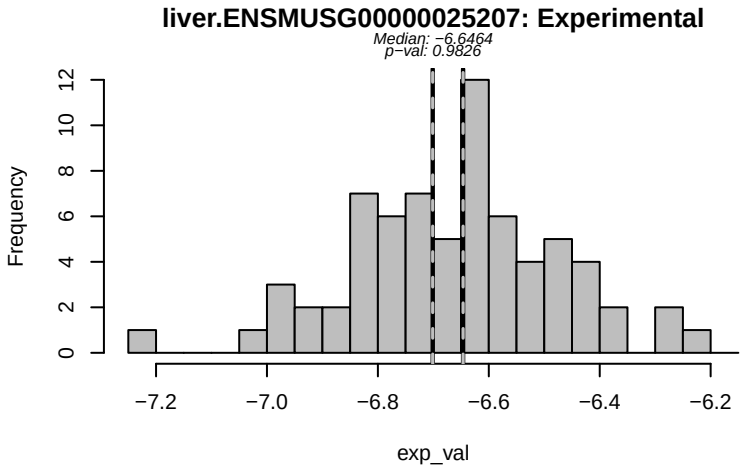

liver.ENSMUSG00000028967: Reference
Median: −6.1175
Frequency
ref_val

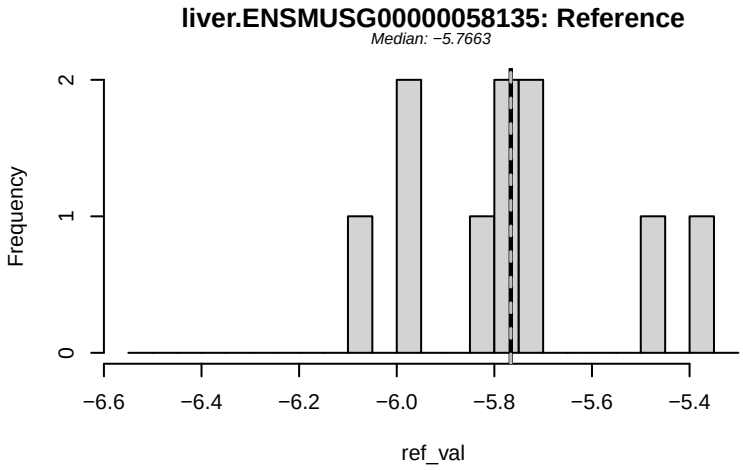

liver.ENSMUSG00000028967: Experimental
Median: −6.1542
p−val: 0.9594
Frequency
exp_val

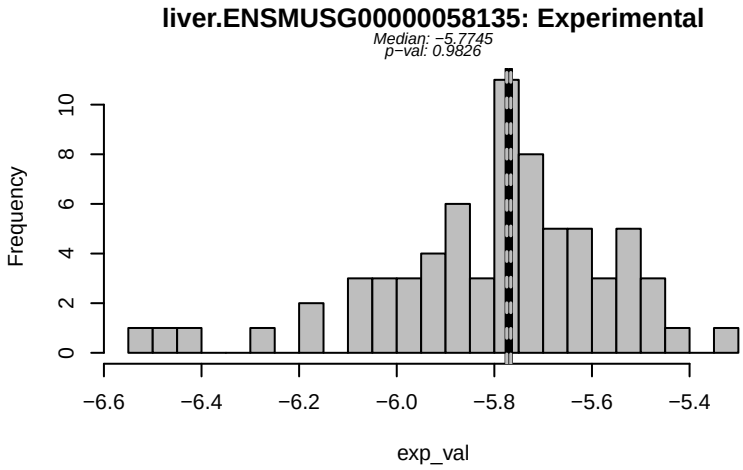

liver.ENSMUSG00000021794: Reference
Median: −5.9771
Frequency
ref_val

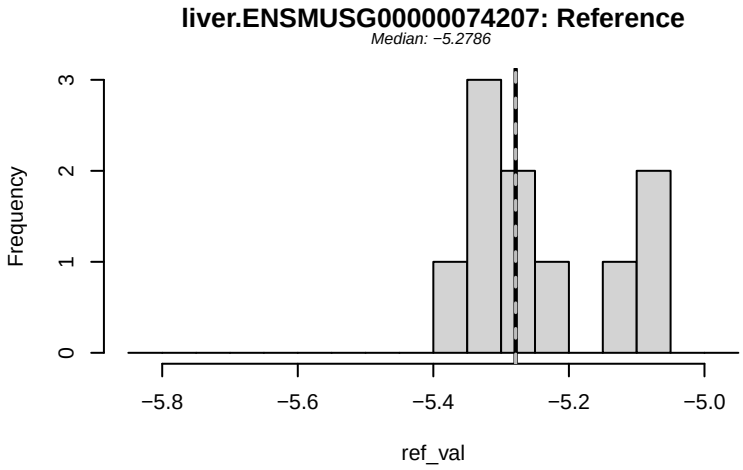

liver.ENSMUSG00000021794: Experimental
Median: −5.9857
p−val: 0.9710
Frequency
exp_val

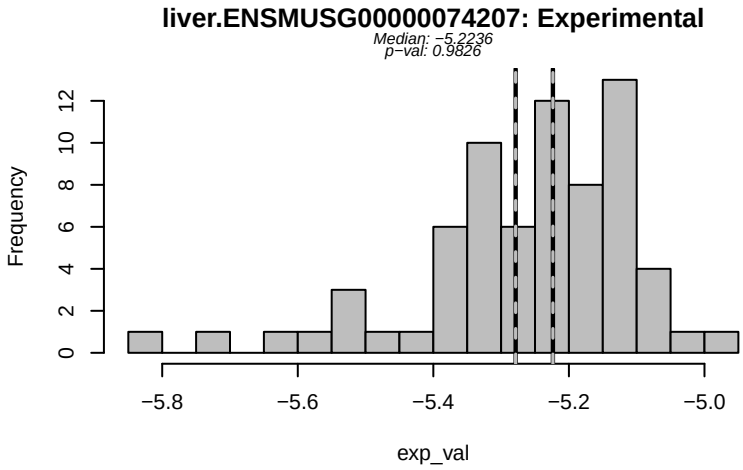

liver.ENSMUSG00000025207: Reference
Median: −6.7011
Frequency
ref_val

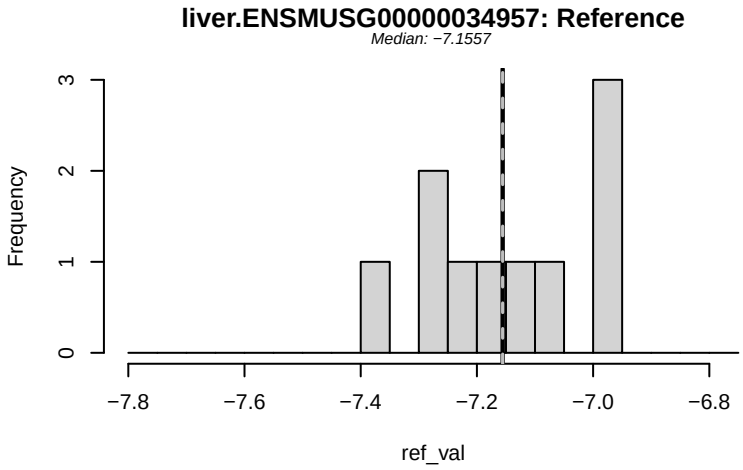

liver.ENSMUSG00000025207: Experimental
Median: −6.6464
p−val: 0.9826
Frequency
exp_val

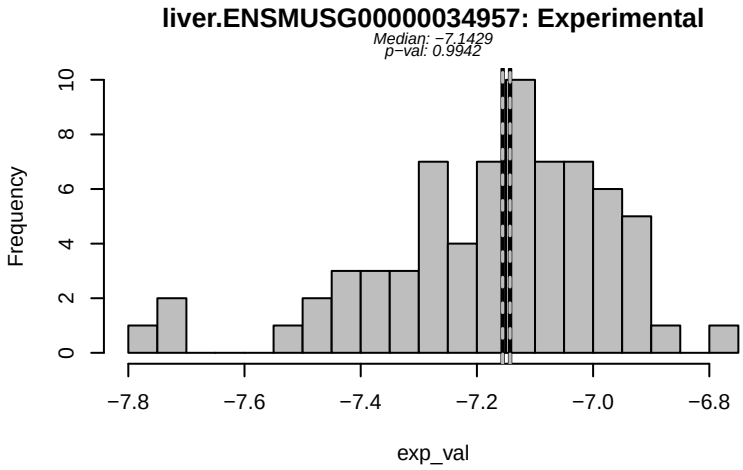

liver.ENSMUSG00000058135: Reference
Median: −5.7663
Frequency
ref_val

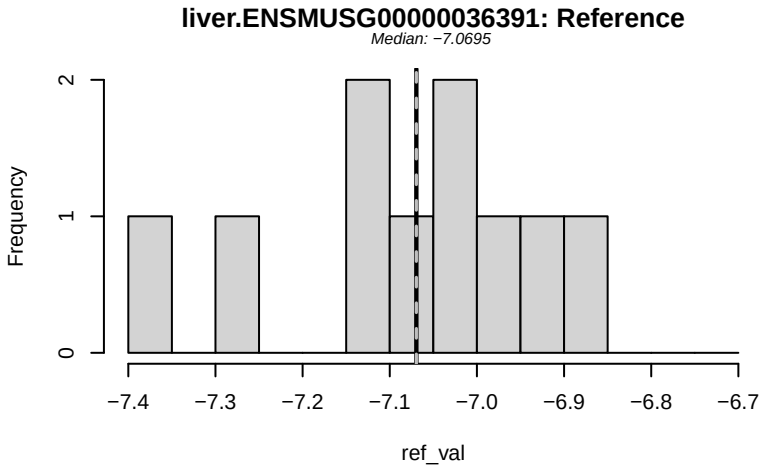

liver.ENSMUSG00000058135: Experimental
Median: −5.7745
p−val: 0.9826
Frequency
exp_val

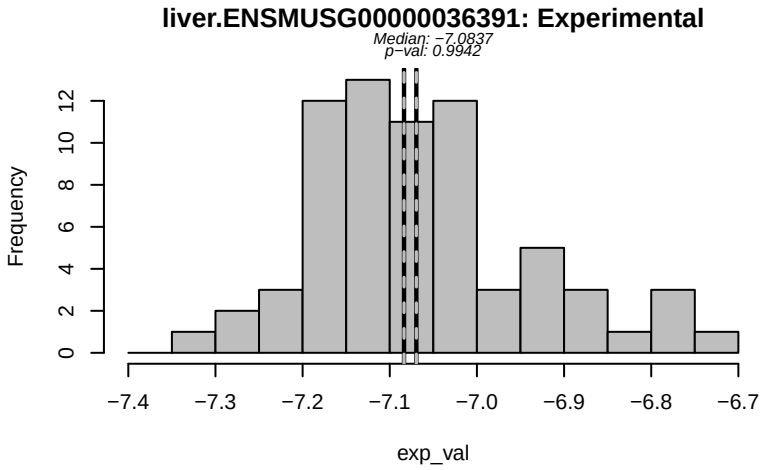

liver.ENSMUSG00000074207: Reference
Median: −5.2786
Frequency
ref_val

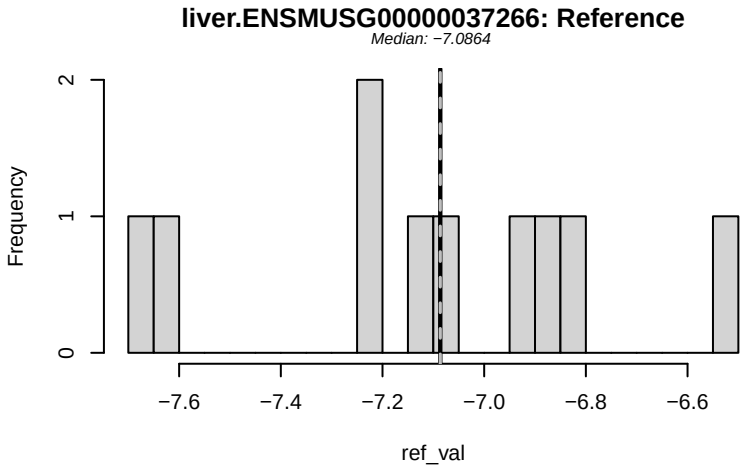

liver.ENSMUSG00000074207: Experimental
Median: −5.2236
p−val: 0.9826
Frequency
exp_val

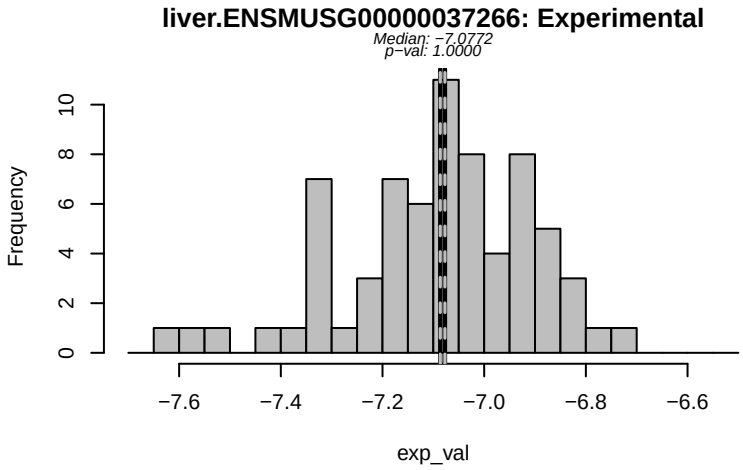

liver.ENSMUSG00000034957: Reference
Median: −7.1557
Frequency
ref_val

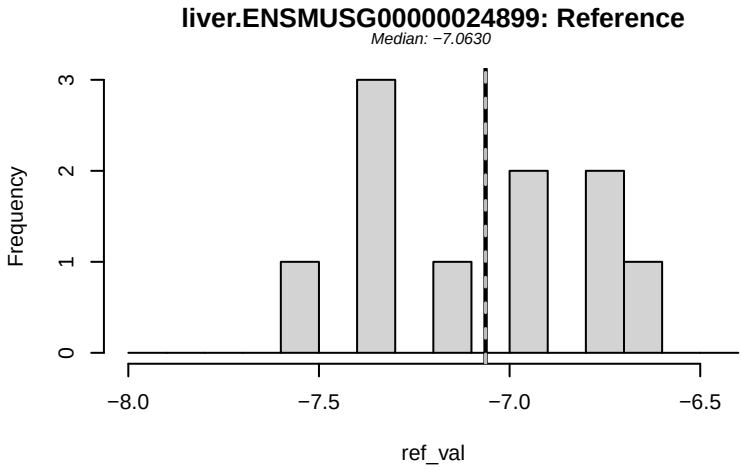

liver.ENSMUSG00000034957: Experimental
Median: −7.1429
p−val: 0.9942
Frequency
exp_val

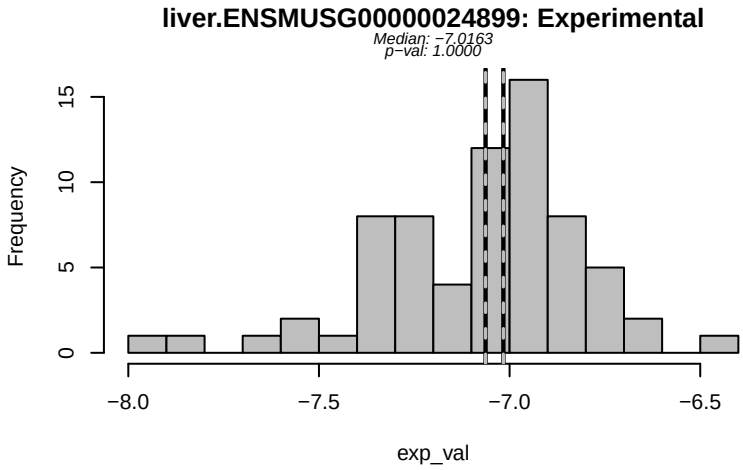

liver.ENSMUSG00000036391: Reference
Median: −7.0695
Frequency
ref_val

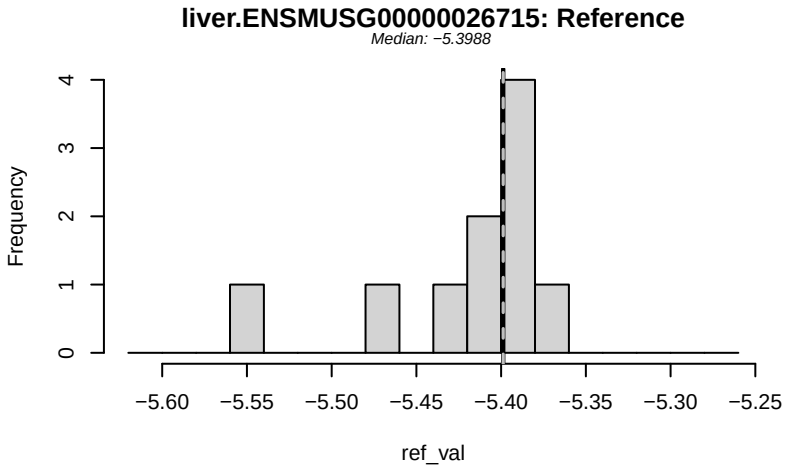

liver.ENSMUSG00000036391: Experimental
Median: −7.0837
p−val: 0.9942
Frequency
exp_val

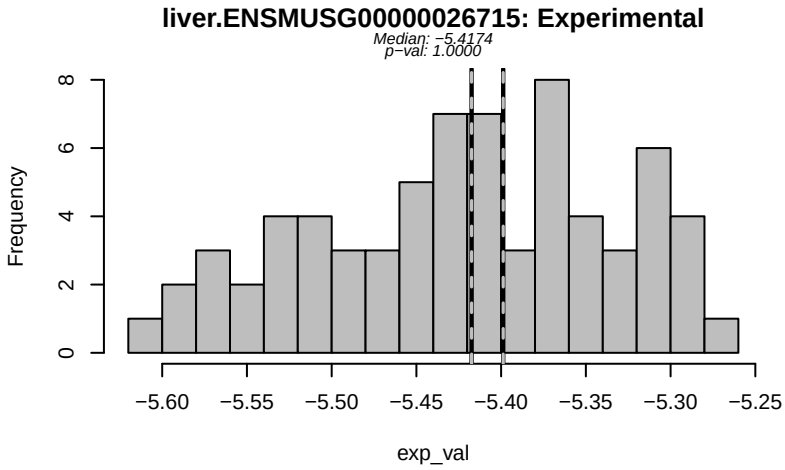

liver.ENSMUSG00000037266: Reference
Median: −7.0864
Frequency
ref_val

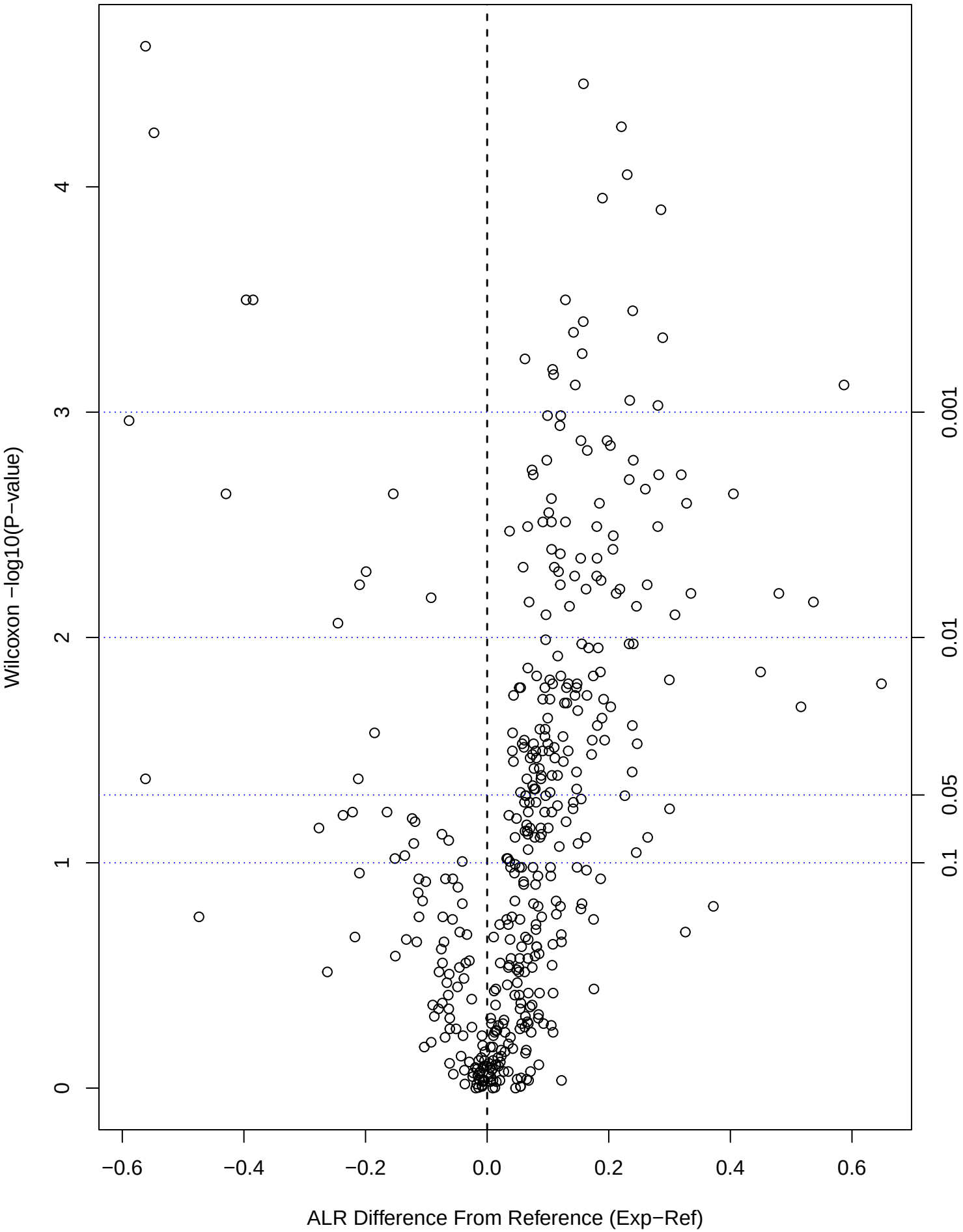

liver.ENSMUSG00000037266: Experimental
Median: −7.0772
p−val: 1.0000
Frequency
exp_val


liver.ENSMUSG00000024899: Reference
Median: −7.0630
Frequency
ref_val


liver.ENSMUSG00000024899: Experimental
Median: −7.0163
p−val: 1.0000
Frequency
exp_val


liver.ENSMUSG00000026715: Reference
Median: −5.3988
Frequency
ref_val


liver.ENSMUSG00000026715: Experimental
Median: −5.4174
p−val: 1.0000
Frequency
exp_val


Volcano Plot: Difference vs Significance
Wilcoxon −log10(P−value)
0
1
2
3
4
0.001
0.01
0.05
0.1
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ALR Difference From Reference (Exp−Ref)

Num Significant:
   < 0.100 : 214
   < 0.050 : 164
   < 0.010 : 81
   < 0.001 : 22