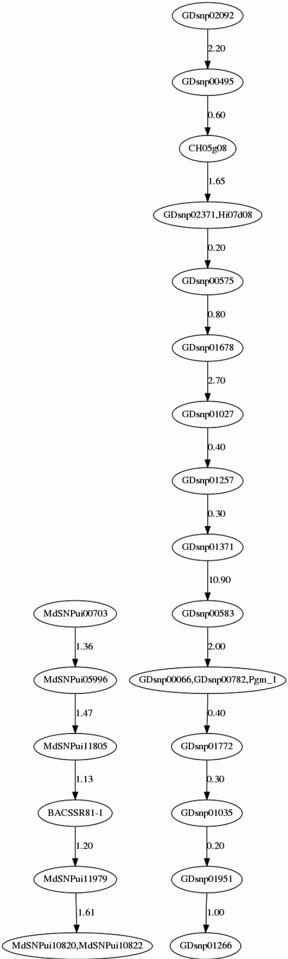
LG01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GDsnp01027
0.40
GDsnp01257
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GDsnp01371
10.90
GDsnp00583
2.00
GDsnp00066,GDsnp00782,Pgm_1
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GDsnp01772
0.30
GDsnp01035
0.20
GDsnp01951
1.00
GDsnp01266
MdSNPui00703
1.36
MdSNPui05996
1.47
MdSNPui11805
1.13
BACSSR81-1
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MdSNPui11979
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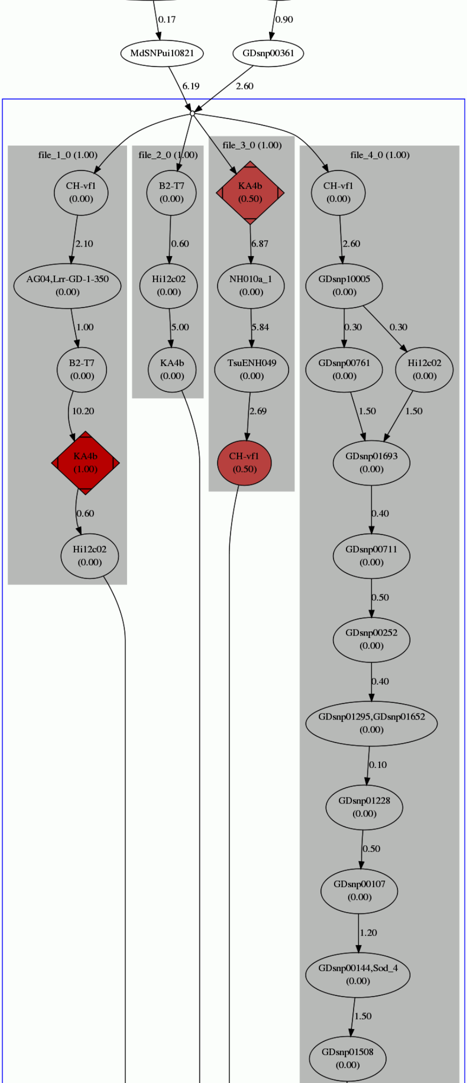
MdSNPui10820,MdSNPui10822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CH-vf1 (0.00)
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AG04,Lrr-GD-1-350 (0.00)
1.00
B2-T7 (0.00)
10.20
KA4b (1.00)
0.60
Hi12c02 (0.00)
file_2_0 (1.00)
B2-T7 (0.00)
0.60
Hi12c02 (0.00)
5.00
KA4b (0.00)
file_3_0 (1.00)
KA4b (0.50)
6.87
NH010a_1 (0.00)
5.84
TsuENH049 (0.00)
2.69
CH-vf1 (0.50)
file_4_0 (1.00)
CH-vf1 (0.00)
2.60
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Hi12c02 (0.00)
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GDsnp01228 (0.00)
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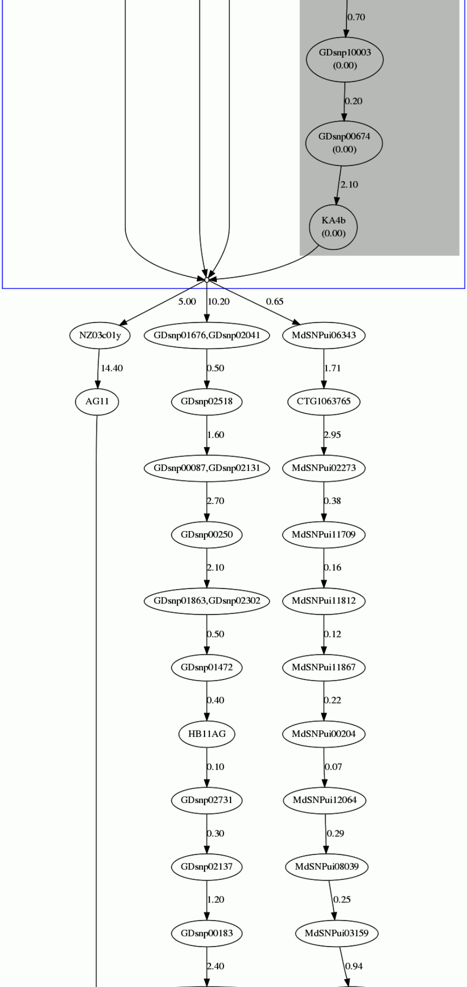
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5.00
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0.50
1.71
AG11
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2.95
GDsnp00087,GDsnp02131
MdSNPui02273
2.70
0.38
GDsnp00250
MdSNPui11709
2.10
0.16
GDsnp01863,GDsnp02302
MdSNPui11812
0.50
0.12
GDsnp01472
MdSNPui11867
0.40
0.22
HB11AG
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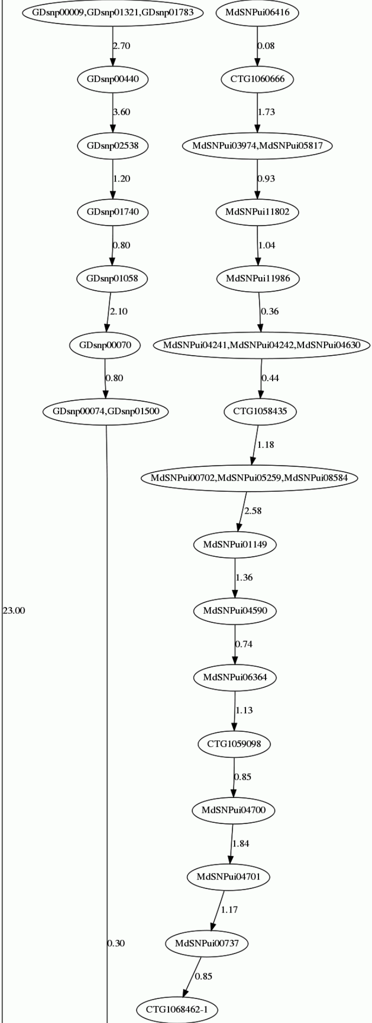
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GDsnp00074,GDsnp01500
0.30
MdSNPui06416
0.08
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MdSNPui03974,MdSNPui05817
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MdSNPui11802
1.04
MdSNPui11986
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MdSNPui04241,MdSNPui04242,MdSNPui04630
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1.36
MdSNPui04590
0.74
MdSNPui06364
1.13
CTG1059098
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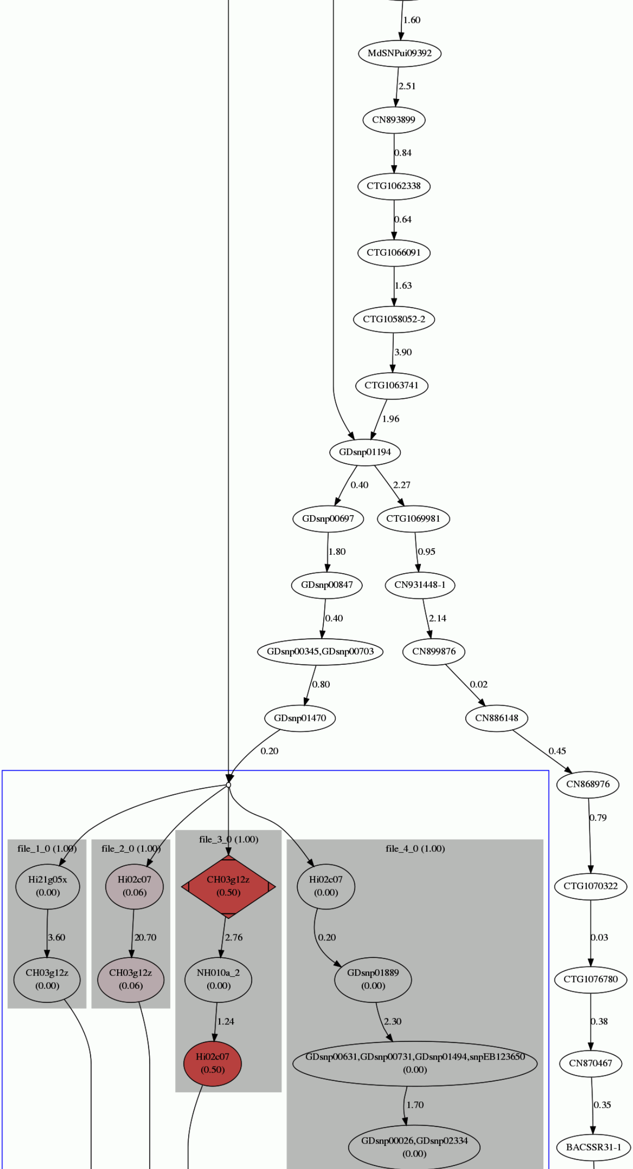
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0.84
CTG1062338
0.64
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1.63
CTG1058052-2
3.90
CTG1063741
1.96
GDsnp01194
0.40
2.27
GDsnp00697
CTG1069981
1.80
0.95
GDsnp00847
CN931448-1
0.40
2.14
GDsnp00345,GDsnp00703
CN899876
0.80
0.02
GDsnp01470
CN886148
0.20
0.45
CN868976
0.79
file_1_0 (1.00)
file_2_0 (1.00)
file_3_0 (1.00)
file_4_0 (1.00)
Hi21g05x (0.00)
Hi02c07 (0.06)
CH03g12z (0.50)
Hi02c07 (0.00)
CTG1070322
3.60
20.70
2.76
0.20
0.03
CH03g12z (0.00)
CH03g12z (0.06)
NH010a_2 (0.00)
GDsnp01889 (0.00)
CTG1076780
1.24
2.30
0.38
Hi02c07 (0.50)
GDsnp00631,GDsnp00731,GDsnp01494,snpEB123650 (0.00)
CN870467
1.70
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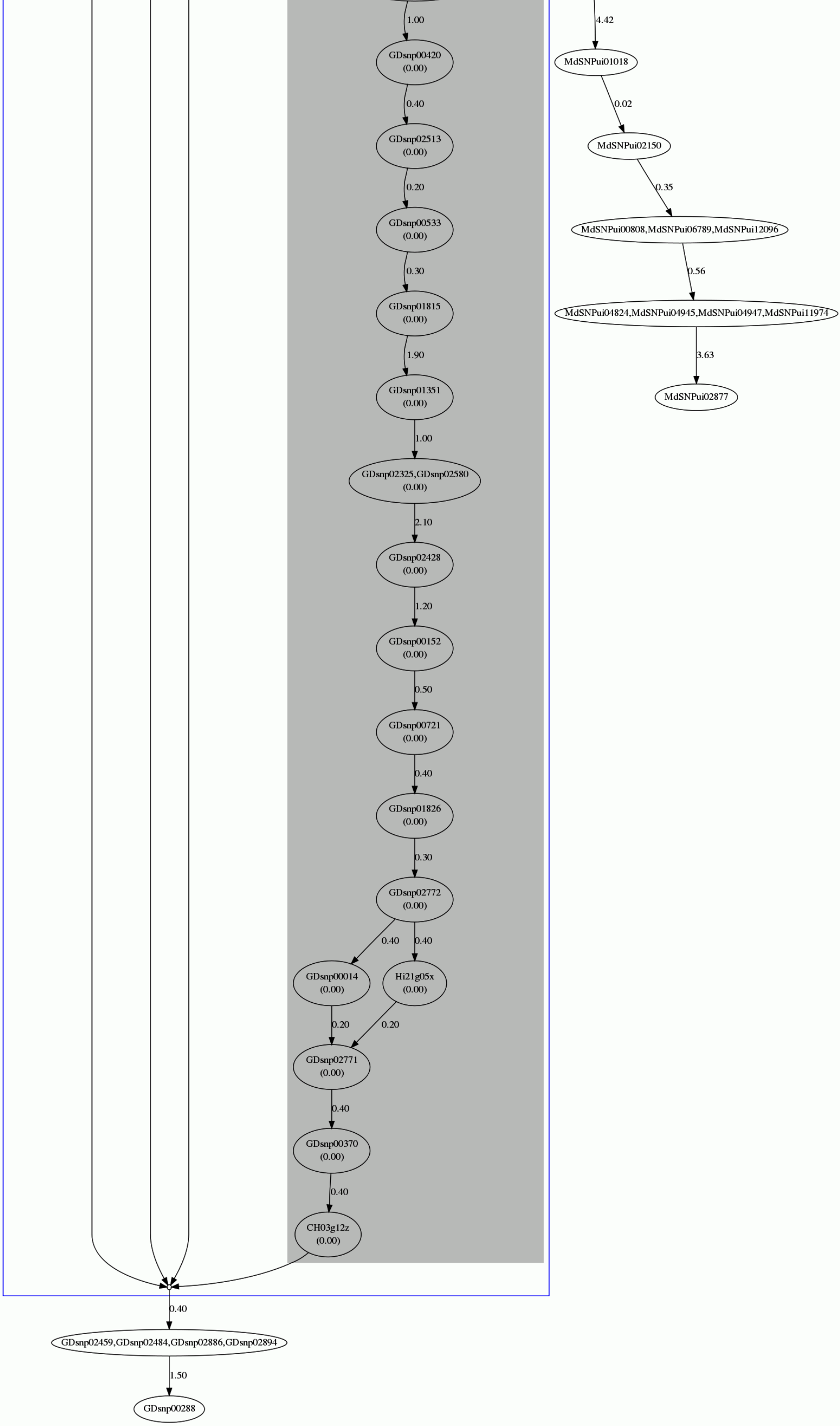
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GDsnp02513
(0.00)
0.20
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(0.00)
0.30
GDsnp01815
(0.00)
1.90
GDsnp01351
(0.00)
1.00
GDsnp02325,GDsnp02580
(0.00)
2.10
GDsnp02428
(0.00)
1.20
GDsnp00152
(0.00)
0.50
GDsnp00721
(0.00)
0.40
GDsnp01826
(0.00)
0.30
GDsnp02772
(0.00)
0.40
0.40
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(0.00)
Hi21g05x
(0.00)
0.20
0.20
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(0.00)
0.40
GDsnp00370
(0.00)
0.40
CH03g12z
(0.00)
0.40
GDsnp02459,GDsnp02484,GDsnp02886,GDsnp02894
1.50
GDsnp00288
4.42
MdSNPui01018
0.02
MdSNPui02150
0.35
MdSNPui00808,MdSNPui06789,MdSNPui12096
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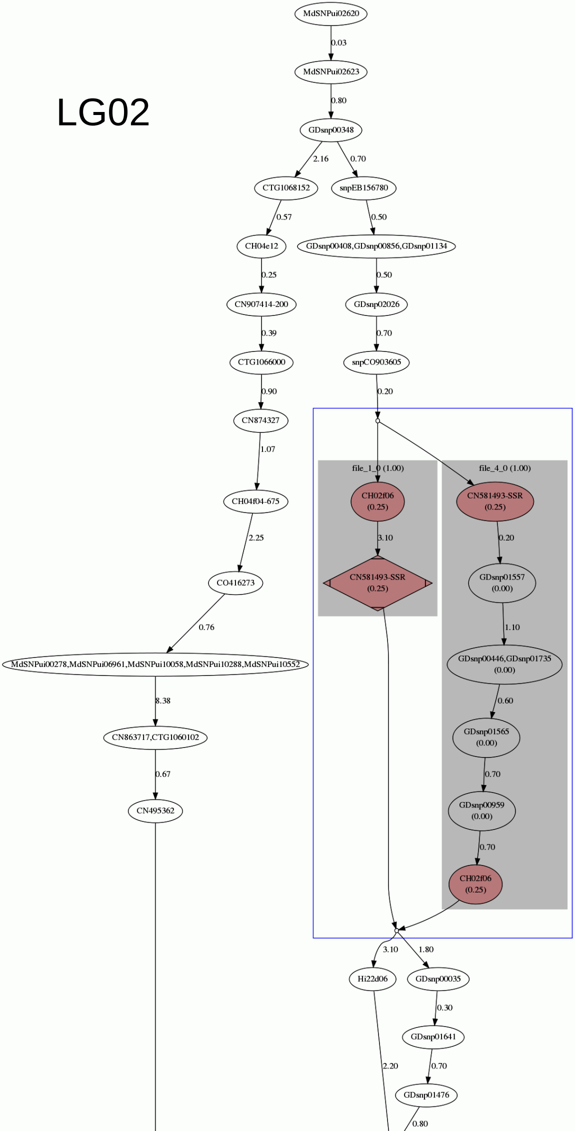
MdSNPui04824,MdSNPui04945,MdSNPui04947,MdSNPui11974
3.63
MdSNPui02877

LG02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MdSNPui02623
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2.16
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CTG1068152
snpEB156780
0.57
0.50
CH04e12
GDsnp00408,GDsnp00856,GDsnp01134
0.25
0.50
CN907414-200
GDsnp02026
0.39
0.70
CTG1066000
snpCO903605
0.90
0.20
CN874327
1.07
file_1_0 (1.00)
file_4_0 (1.00)
CH02f06
(0.25)
CN581493-SSR
(0.25)
CH04f04-675
2.25
3.10
0.20
CO416273
CN581493-SSR
(0.25)
GDsnp01557
(0.00)
0.76
1.10
MdSNPui00278,MdSNPui06961,MdSNPui10058,MdSNPui10288,MdSNPui10552
GDsnp00446,GDsnp01735
(0.00)
8.38
0.60
CN863717,CTG1060102
GDsnp01565
(0.00)
0.67
0.70
CN495362
GDsnp00959
(0.00)
0.70
CH02f06
(0.25)
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Hi22d06
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GDsnp01641
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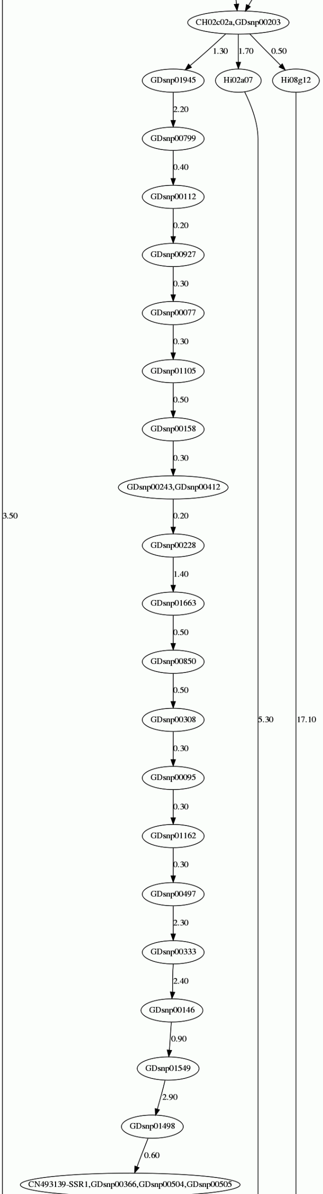
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1.70
0.50
GDsnp01945
Hi02a07
Hi08g12
2.20
GDsnp00799
0.40
GDsnp00112
0.20
GDsnp00927
0.30
GDsnp00077
0.30
GDsnp01105
0.50
GDsnp00158
0.30
GDsnp00243,GDsnp00412
3.50
0.20
GDsnp00228
1.40
GDsnp01663
0.50
GDsnp00850
0.50
GDsnp00308
5.30
17.10
0.30
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0.30
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0.30
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2.40
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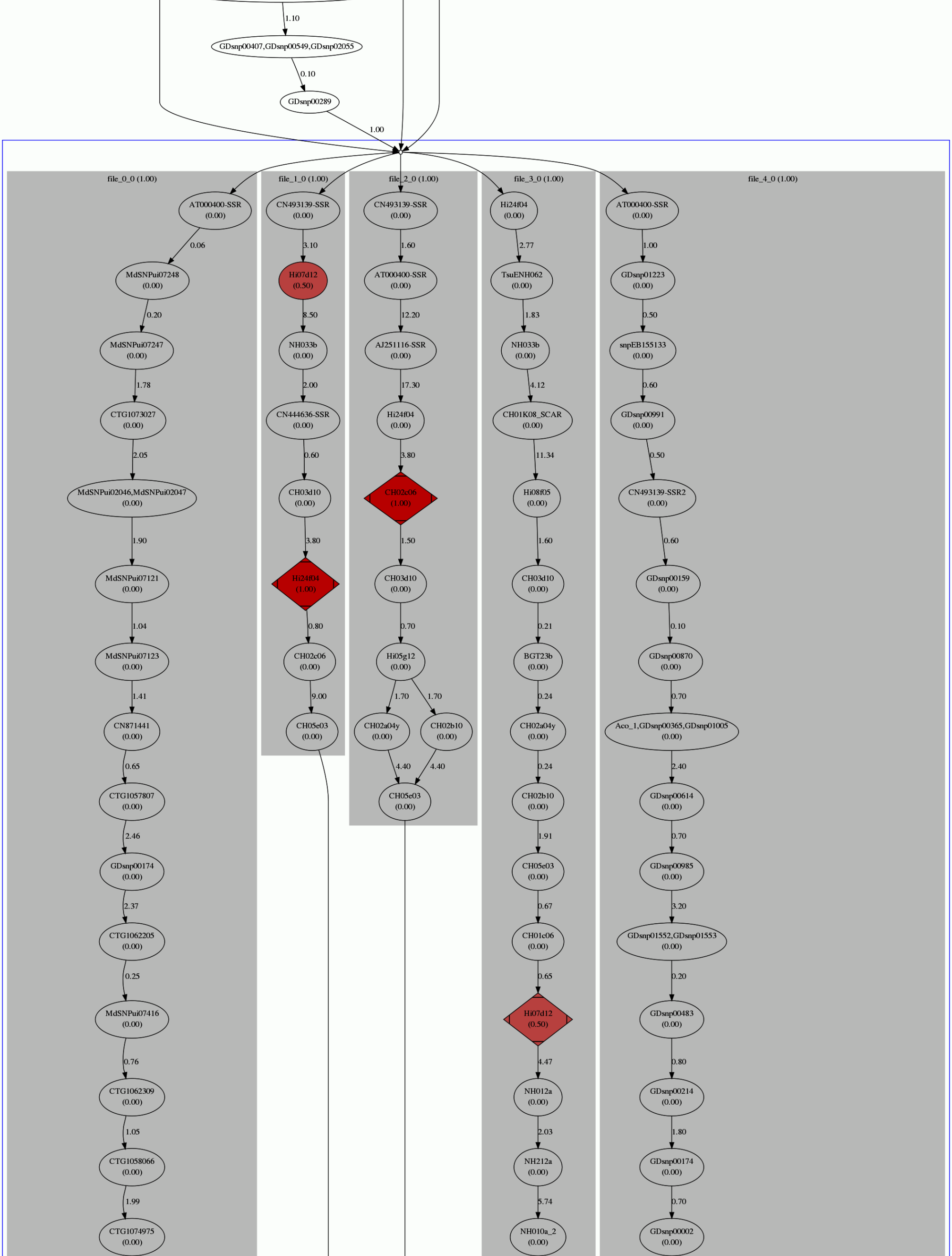
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0.06
MdSNPui07248 (0.00)
0.20
MdSNPui07247 (0.00)
1.78
CTG1073027 (0.00)
2.05
MdSNPui02046,MdSNPui02047 (0.00)
1.90
MdSNPui07121 (0.00)
1.04
MdSNPui07123 (0.00)
1.41
CN871441 (0.00)
0.65
CTG1057807 (0.00)
2.46
GDsnp00174 (0.00)
2.37
CTG1062205 (0.00)
0.25
MdSNPui07416 (0.00)
0.76
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CTG1058066 (0.00)
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2.00
CN444636-SSR (0.00)
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Hi24f04 (1.00)
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9.00
CH05e03 (0.00)
file_2_0 (1.00)
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1.70
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4.40
4.40
CH05e03 (0.00)
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Hi24f04 (0.00)
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TsuENH062 (0.00)
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Hi08f05 (0.00)
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NH212a (0.00)
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NH010a_2 (0.00)
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Aco_1,GDsnp00365,GDsnp01005 (0.00)
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GDsnp00614 (0.00)
0.70
GDsnp00985 (0.00)
3.20
GDsnp01552,GDsnp01553 (0.00)
0.20
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GDsnp00174 (0.00)
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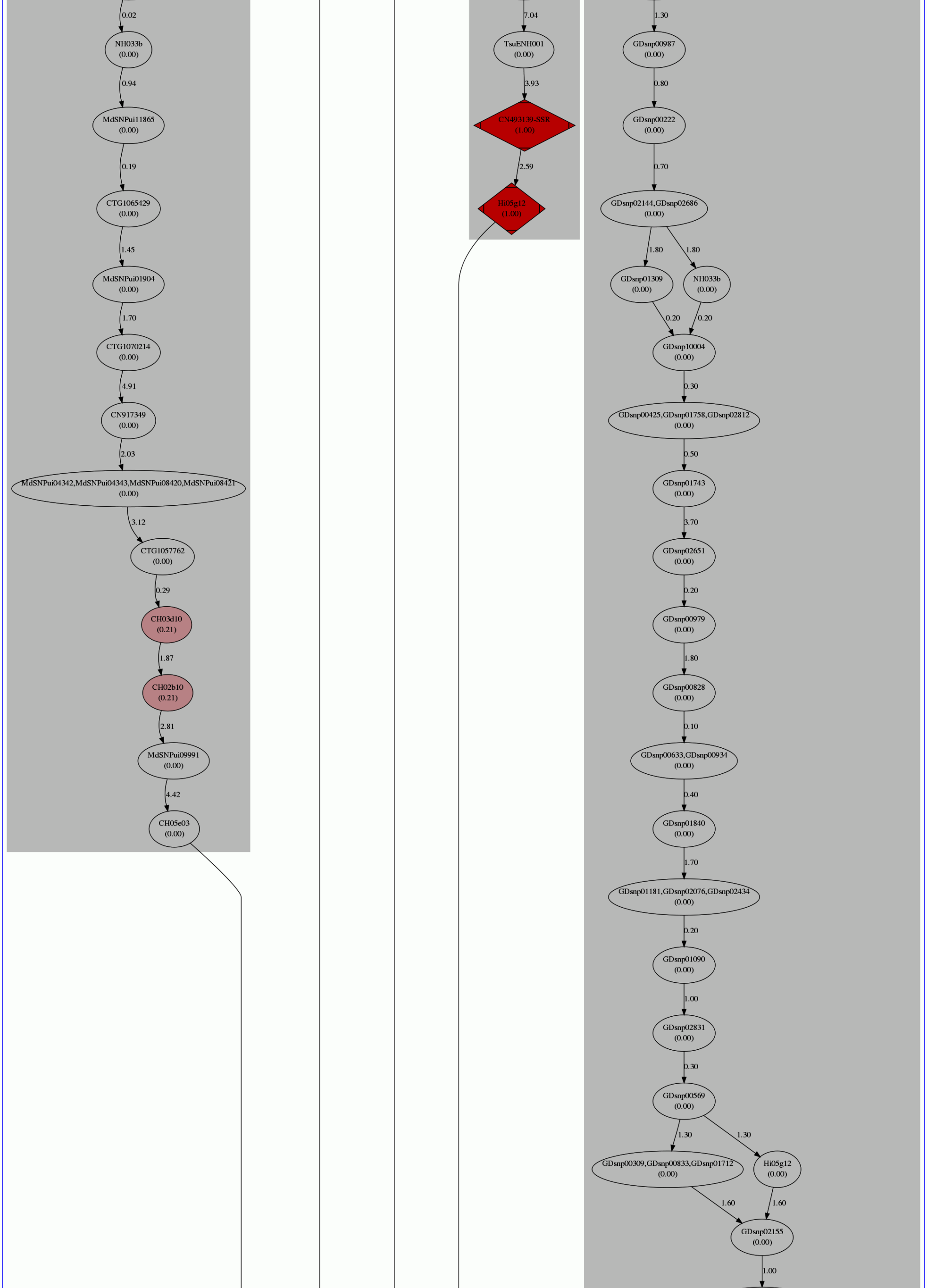
GDsnp00002 (0.00)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CTG1070214
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4.91
CN917349
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2.03
MdSNPui04342,MdSNPui04343,MdSNPui08420,MdSNPui08421
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0.29
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CH02b10
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2.81
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1.80
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NH033b
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0.20
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(0.00)
1.00
GDsnp02831
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0.30
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1.30
1.30
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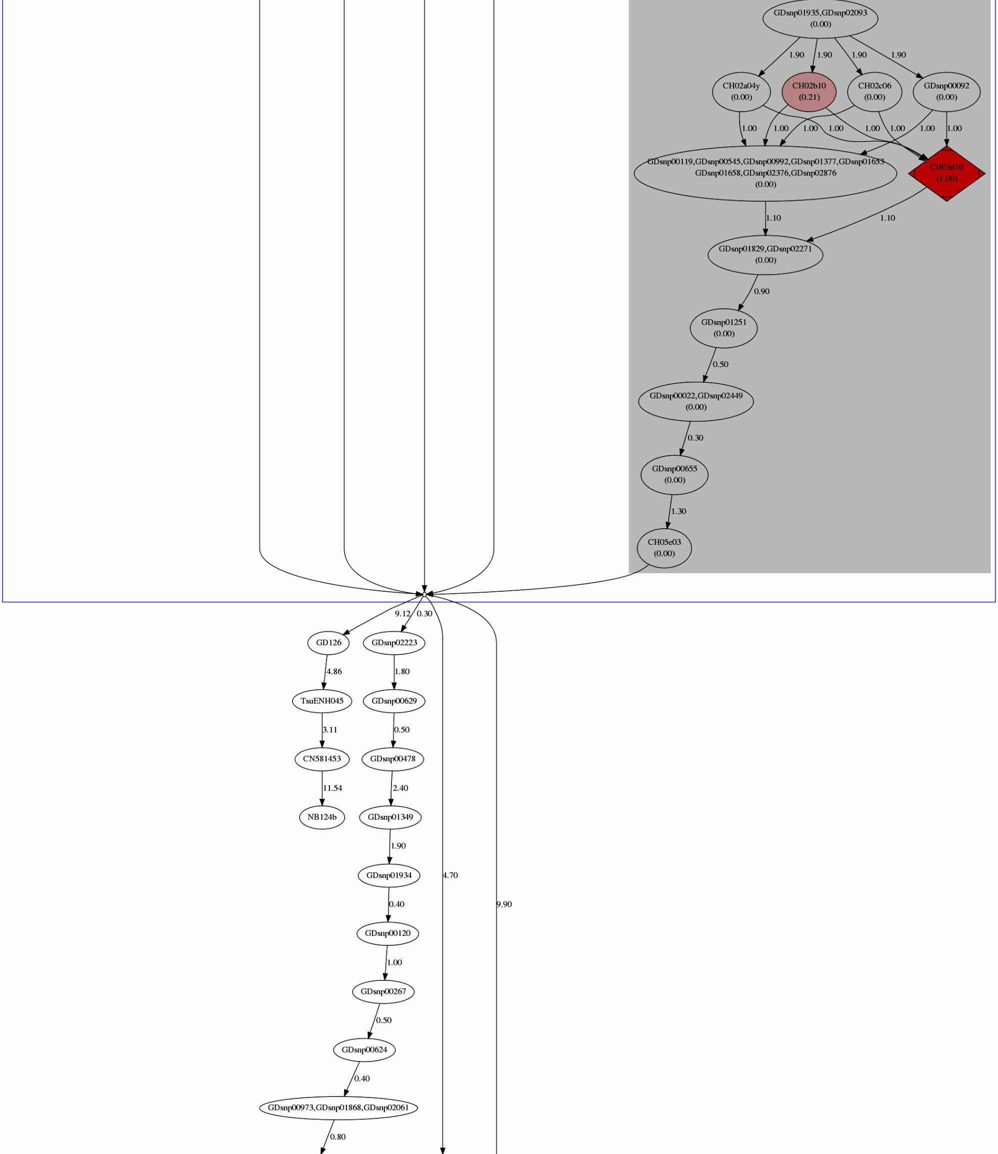
1.00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CH02c06
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1.00
1.00
1.00
1.00
1.00
1.00
1.00
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GDsnp01658,GDsnp02376,GDsnp02876
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CH03d10
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1.10
1.10
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GDsnp01251
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GDsnp00022,GDsnp02449
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1.30
CH05e03
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9.12
0.30
GD126
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4.86
1.80
TsuENH045
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CN581453
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NB124b
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GDsnp01934
4.70
9.90
0.40
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GDsnp00267
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GDsnp00624
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GDsnp00973,GDsnp01868,GDsnp02061
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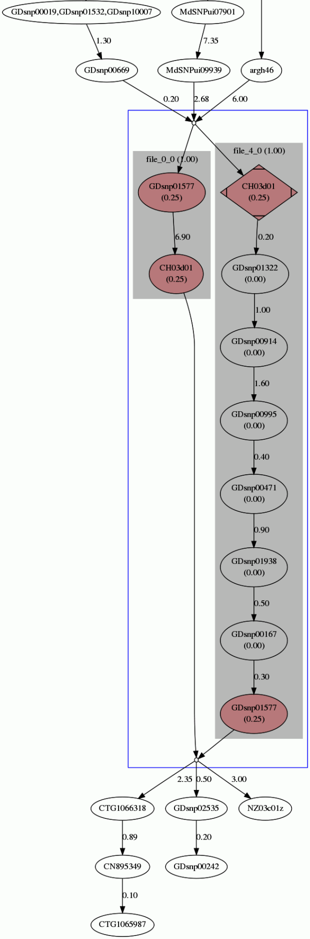
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7.35
GDsnp00669
MdSNPui09939
argh46
0.20
2.68
6.00
file_0_0 (1.00)
file_4_0 (1.00)
GDsnp01577
(0.25)
CH03d01
(0.25)
6.90
0.20
CH03d01
(0.25)
GDsnp01322
(0.00)
1.00
GDsnp00914
(0.00)
1.60
GDsnp00995
(0.00)
0.40
GDsnp00471
(0.00)
0.90
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0.50
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0.30
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(0.25)
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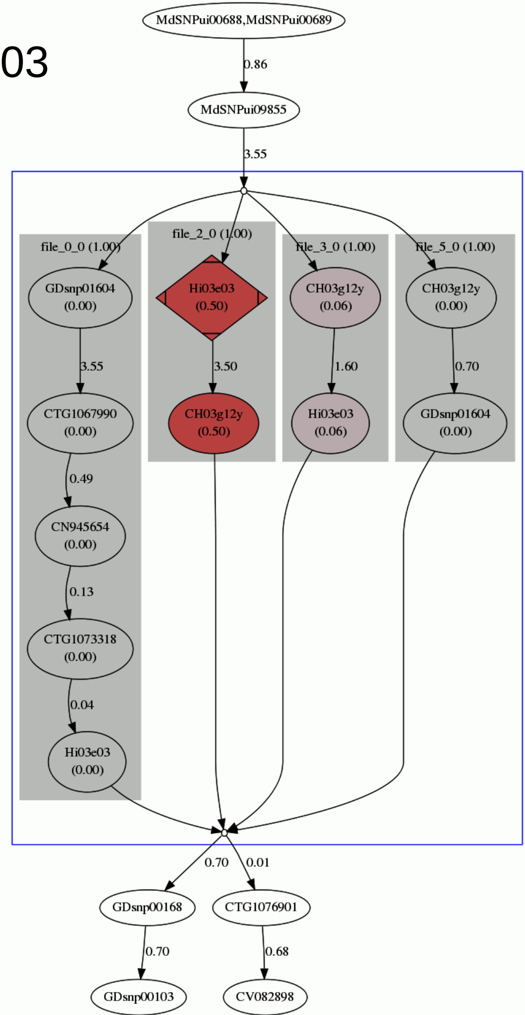
LG03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MdSNPui09855
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(0.00)
3.55
CTG1067990
(0.00)
0.49
CN945654
(0.00)
0.13
CTG1073318
(0.00)
0.04
Hi03e03
(0.00)
file_2_0 (1.00)
Hi03e03
(0.50)
3.50
CH03g12y
(0.50)
file_3_0 (1.00)
CH03g12y
(0.06)
1.60
Hi03e03
(0.06)
file_5_0 (1.00)
CH03g12y
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0.70
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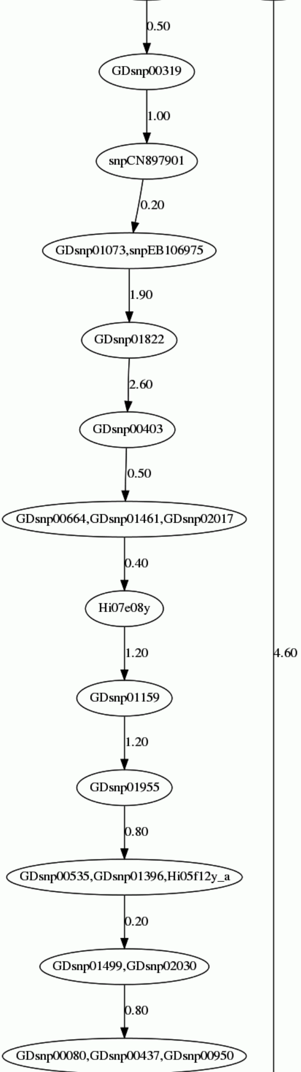
GDsnp00103
CV082898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snpCN897901
0.20
GDsnp01073,snpEB106975
1.90
GDsnp01822
2.60
GDsnp00403
0.50
GDsnp00664,GDsnp01461,GDsnp02017
0.40
Hi07e08y
1.20
4.60
GDsnp01159
1.20
GDsnp01955
0.80
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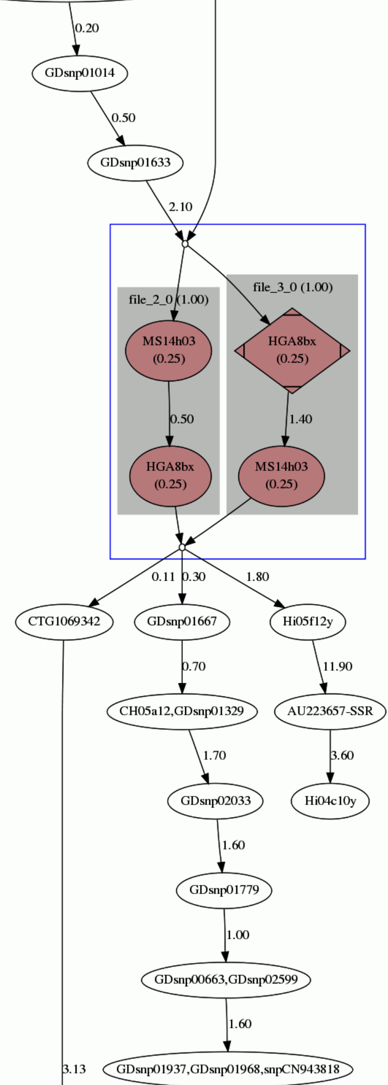
GDsnp01499,GDsnp02030
0.80
GDsnp00080,GDsnp00437,GDsnp00950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(0.25)
0.50
HGA8bx
(0.25)
file_3_0 (1.00)
HGA8bx
(0.25)
1.40
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(0.25)
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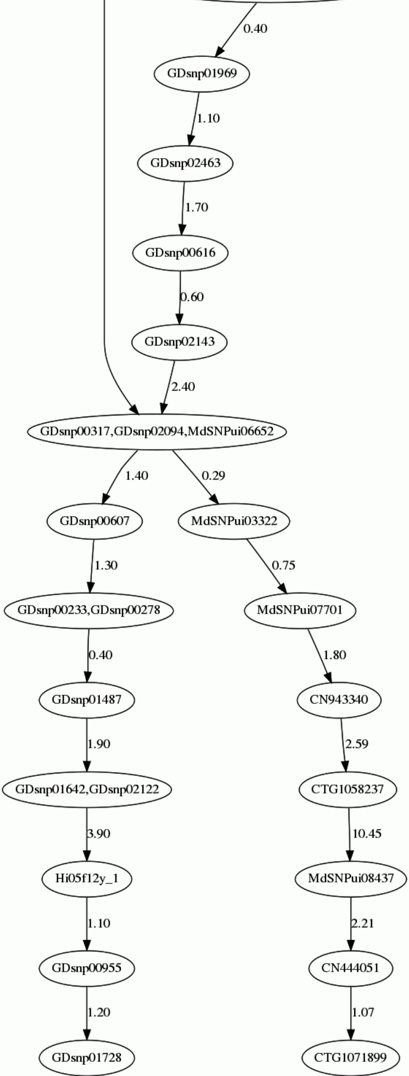
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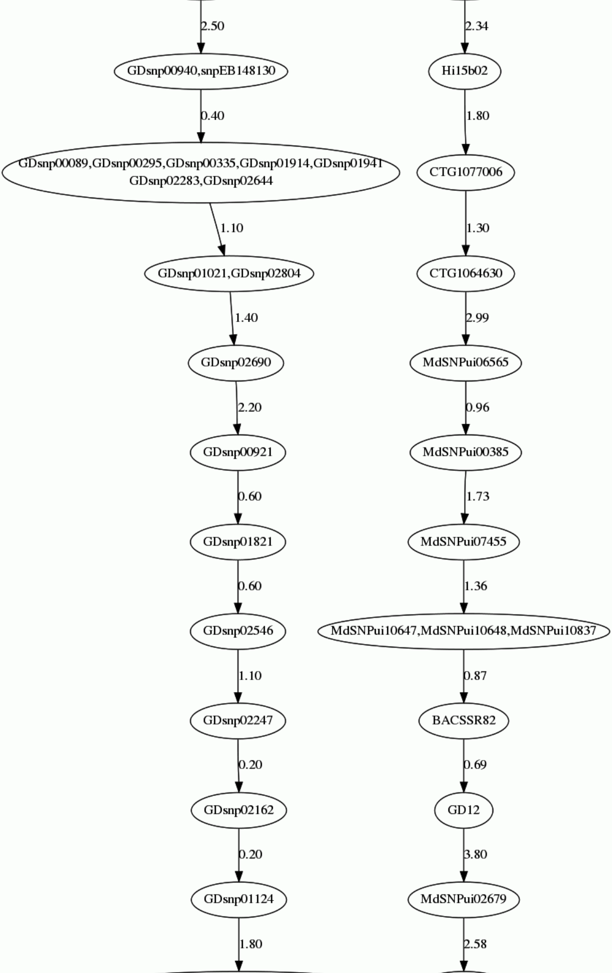
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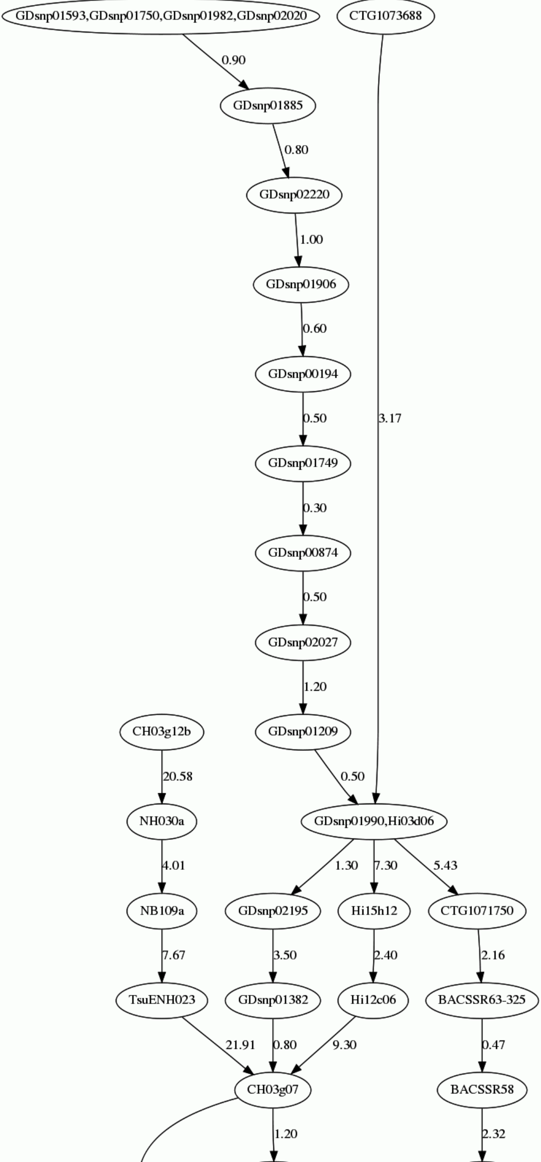
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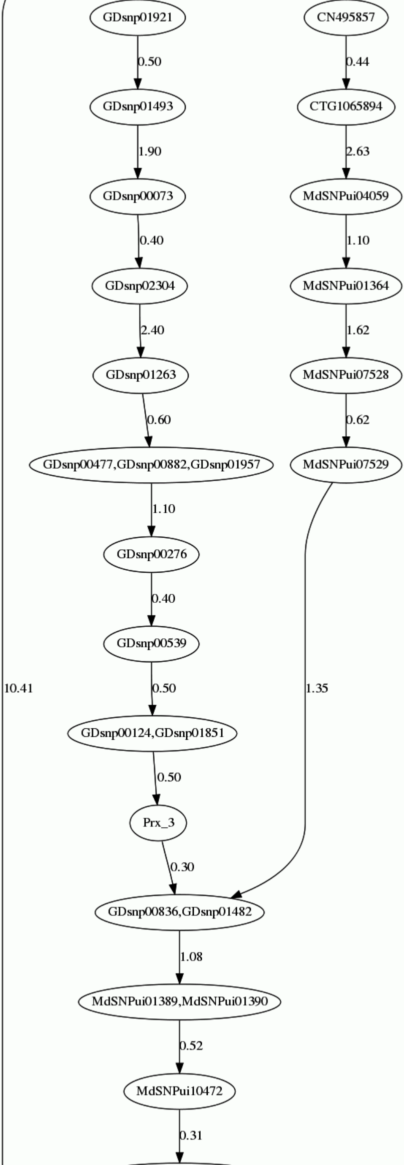
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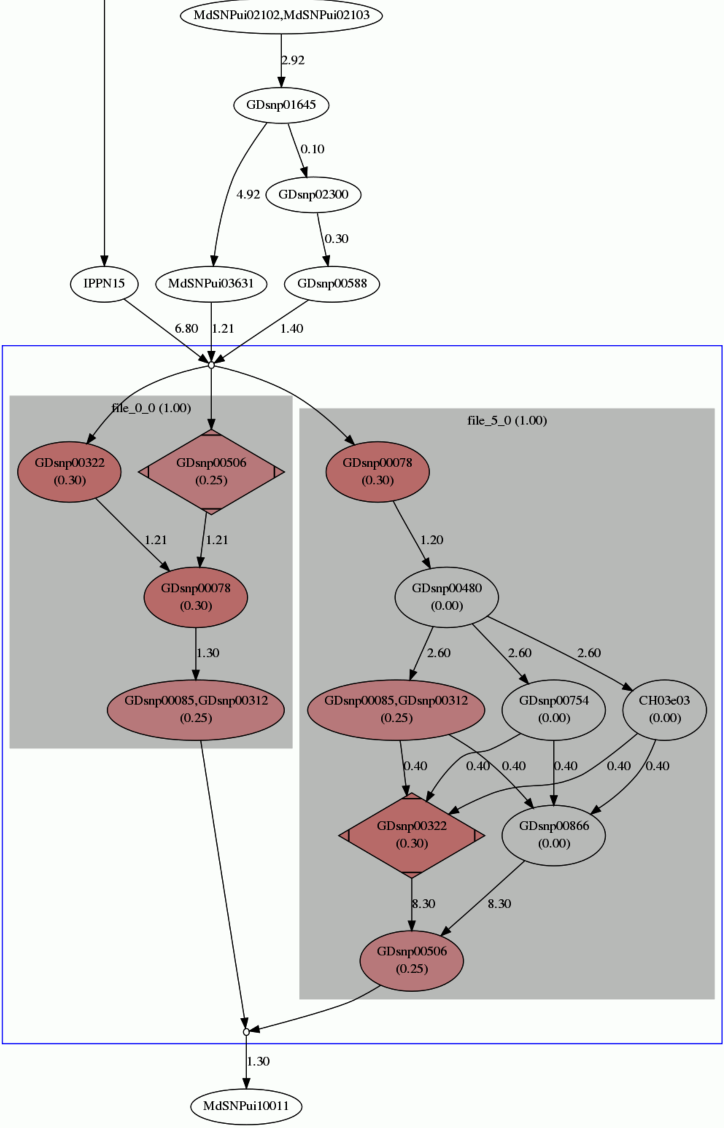
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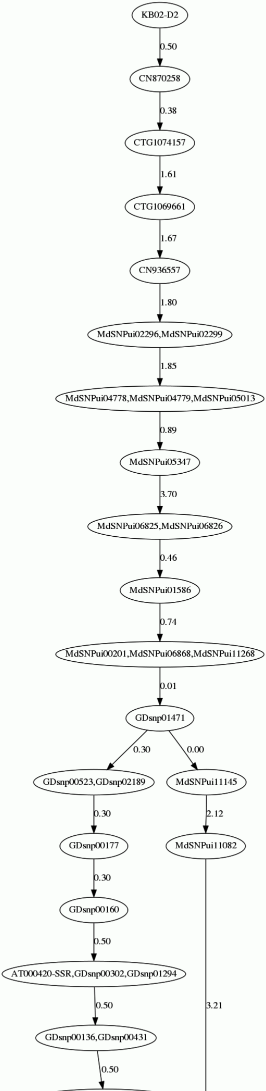
LG04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MdSNPui06825,MdSNPui06826
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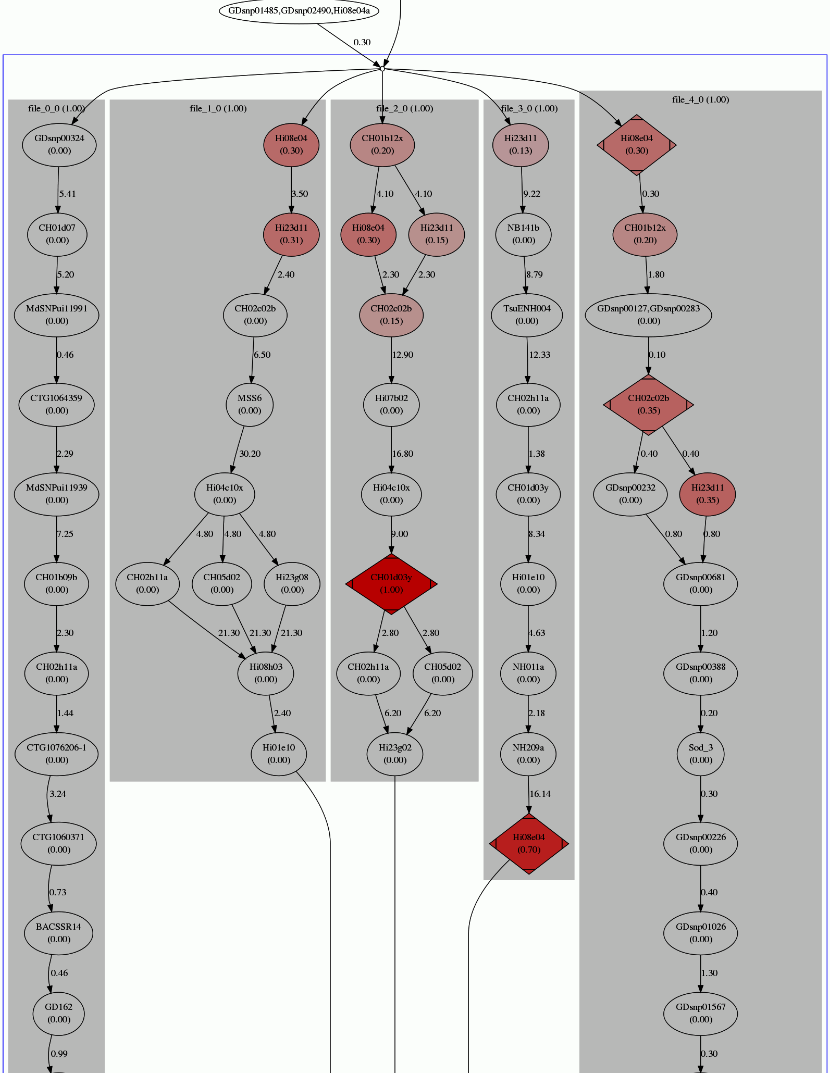
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7.25
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MSS6 (0.00)
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4.80
4.80
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Hi23g08 (0.00)
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21.30
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2.40
Hi01e10 (0.00)
file_2_0 (1.00)
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Hi23d11 (0.15)
2.30
2.30
CH02c02b (0.15)
12.90
Hi07b02 (0.00)
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Hi04c10x (0.00)
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6.20
Hi23g02 (0.00)
file_3_0 (1.00)
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NH209a (0.00)
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0.80
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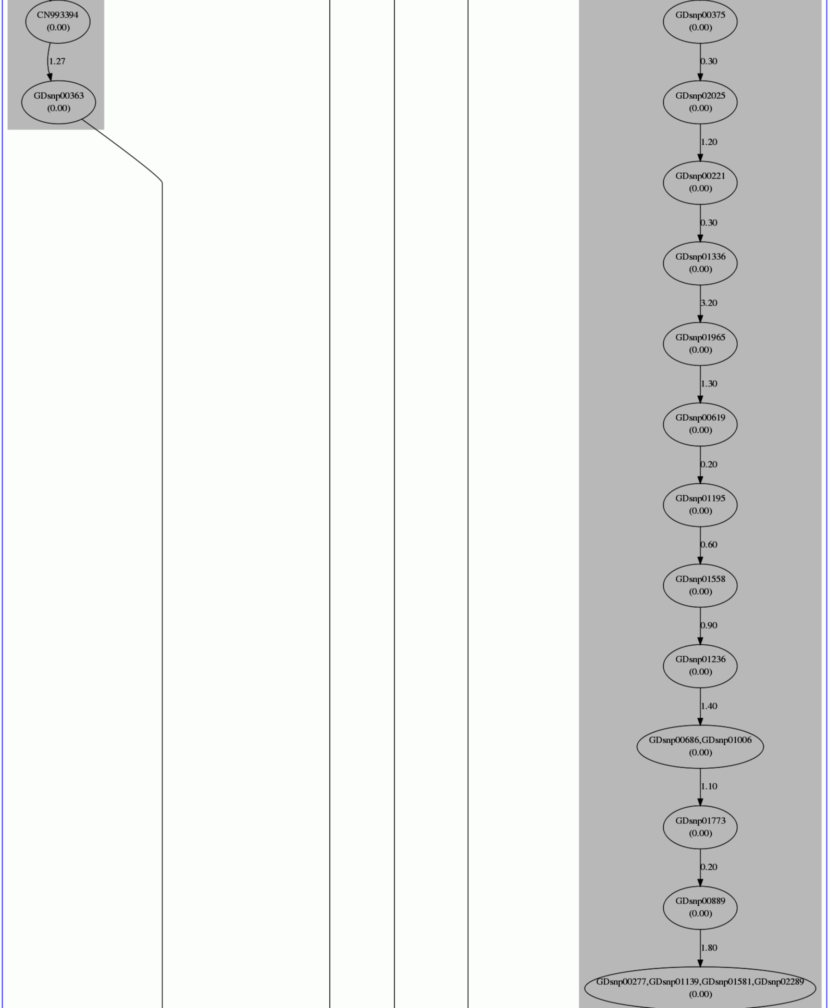
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GDsnp00221
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GDsnp01336
(0.00)
3.20
GDsnp01965
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1.30
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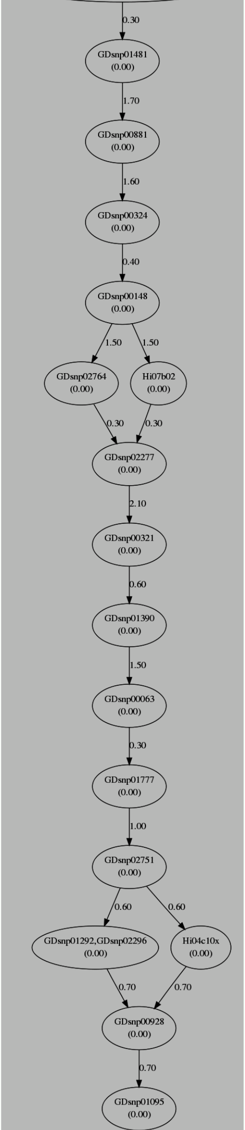
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1.50
GDsnp02764 (0.00)
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0.30
0.30
GDsnp02277 (0.00)
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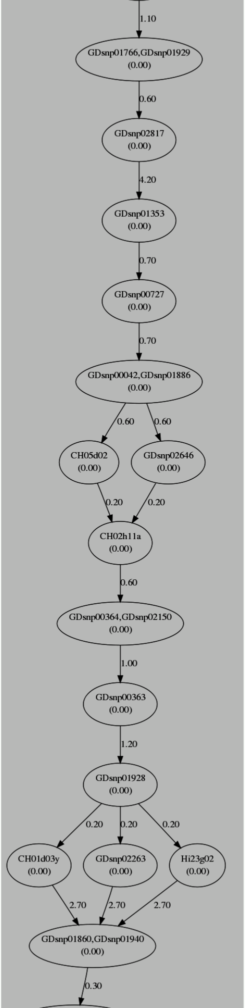
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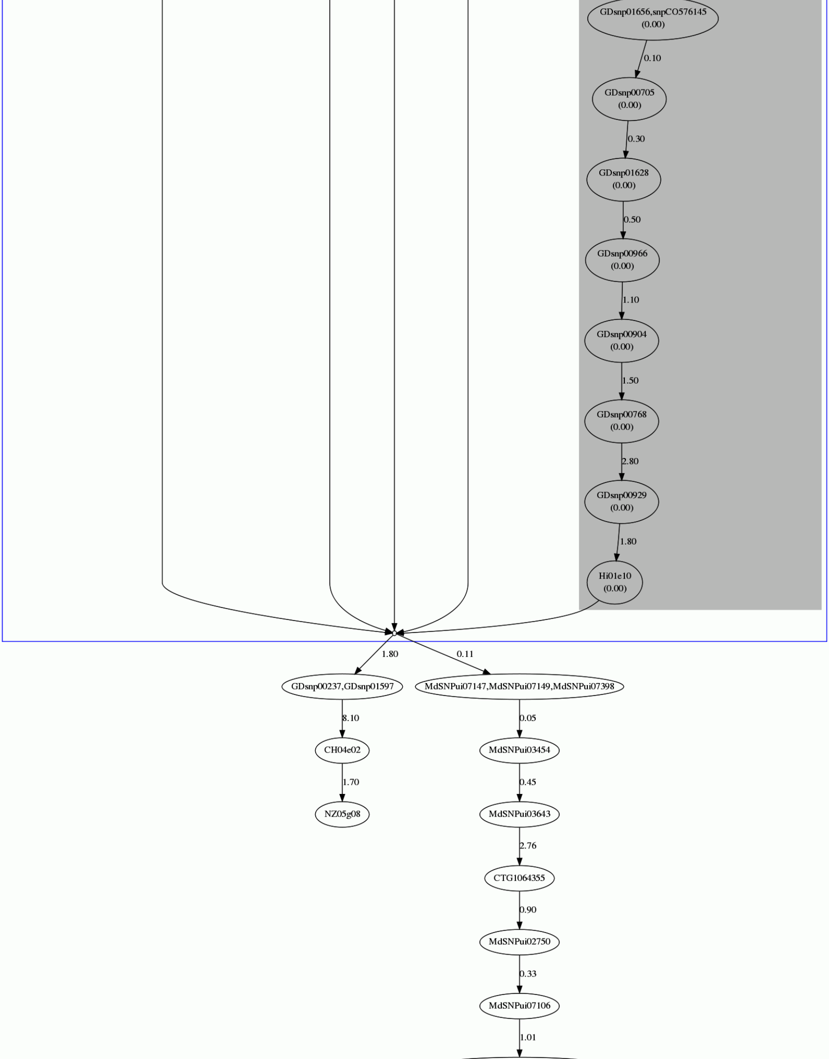
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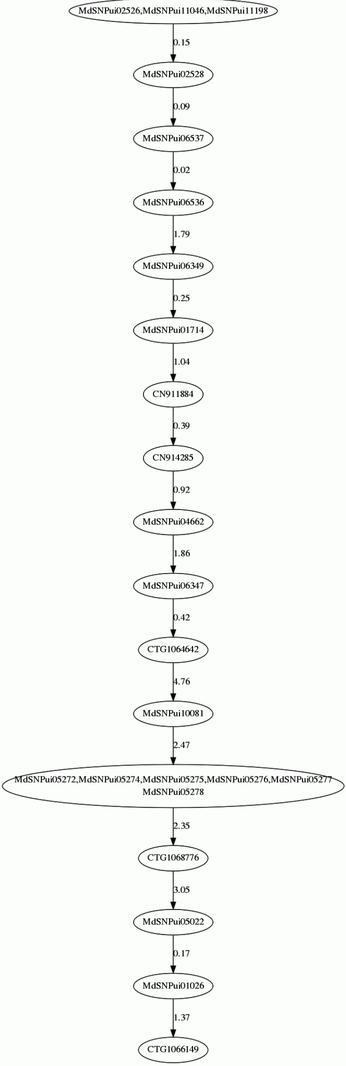
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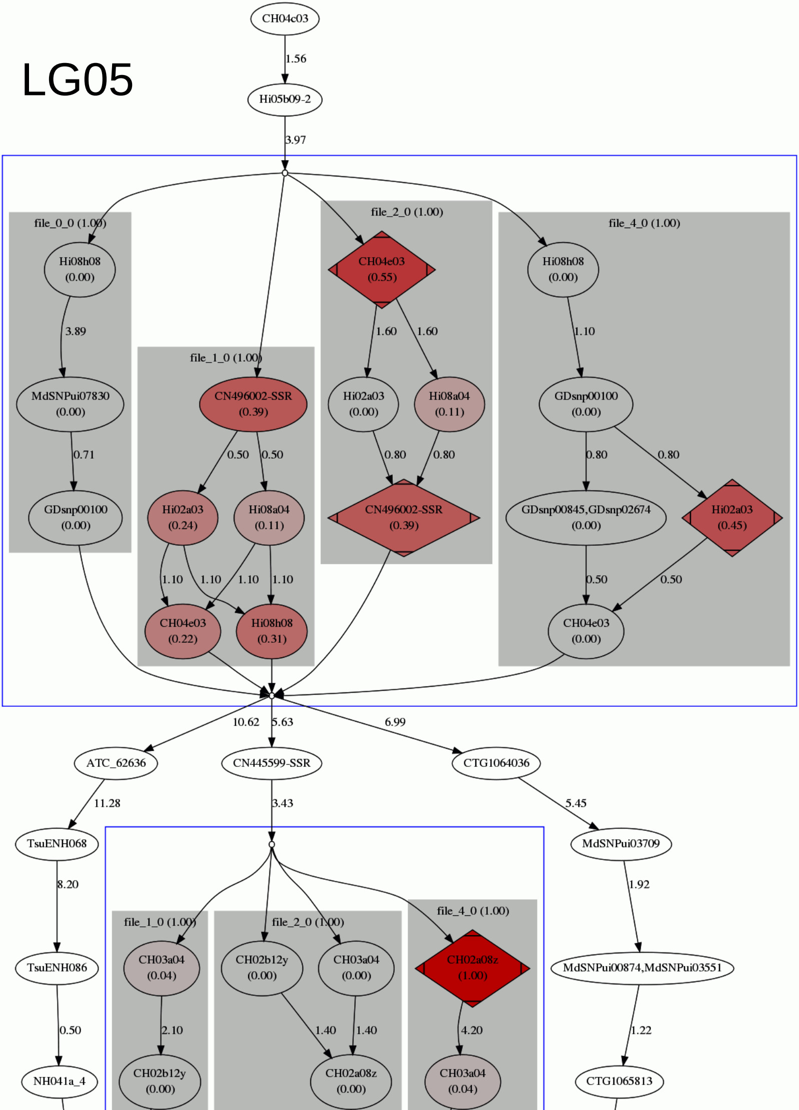
LG05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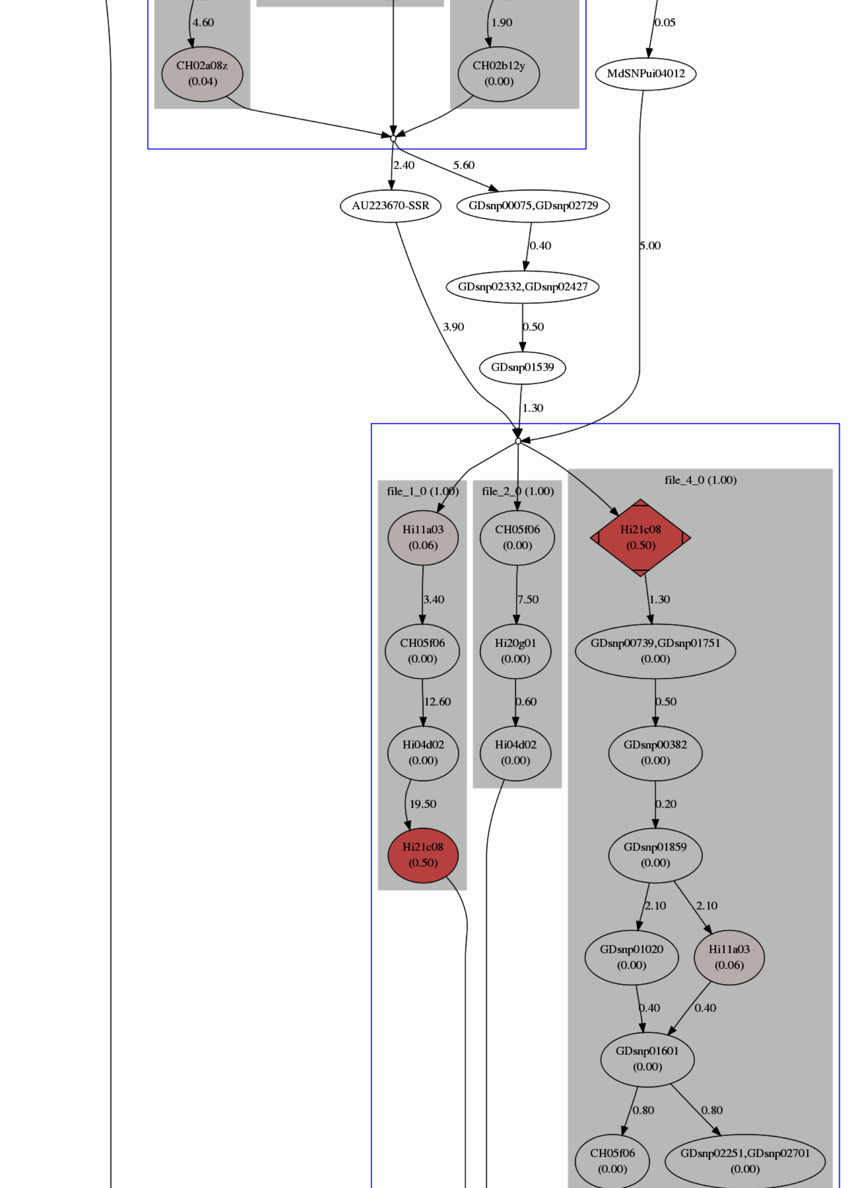
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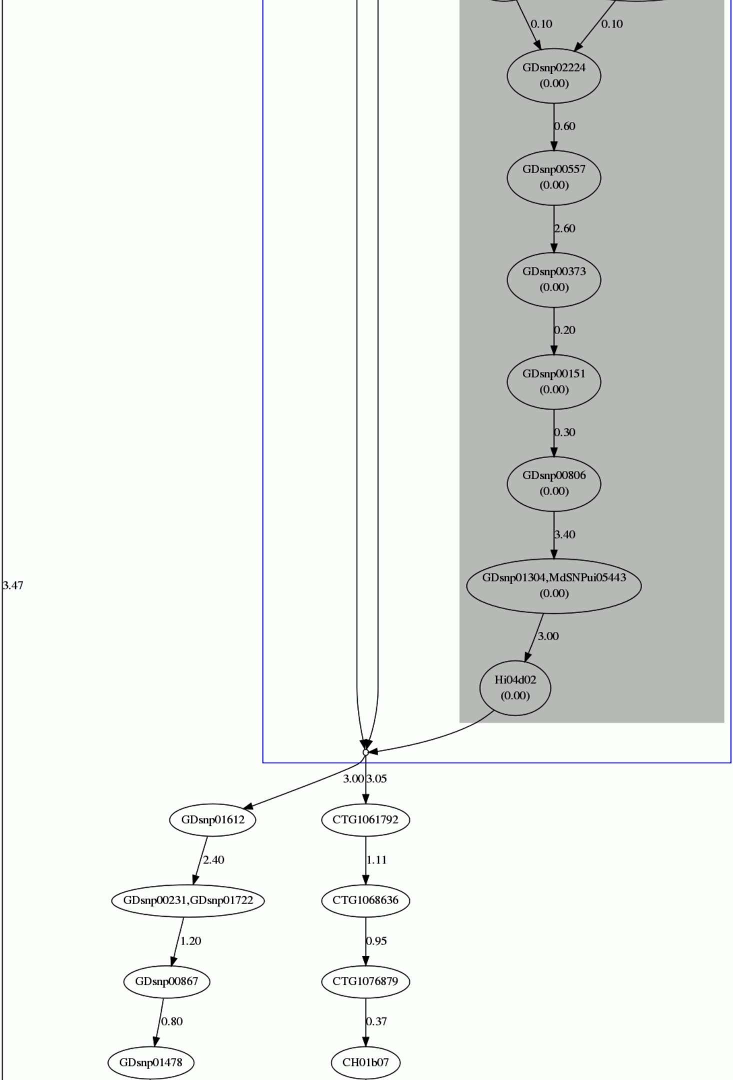
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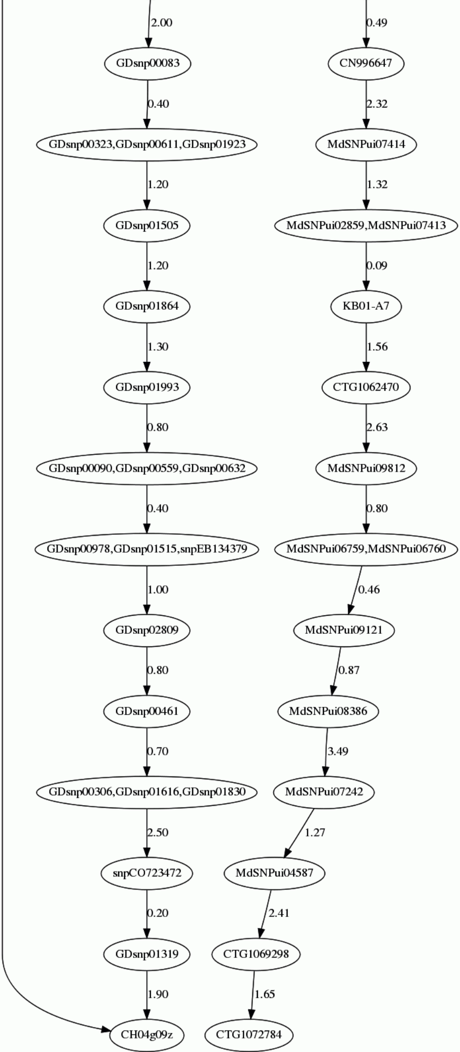
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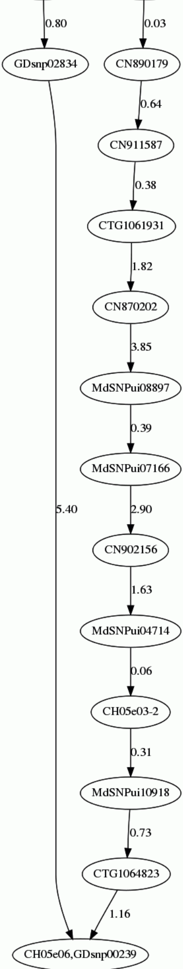
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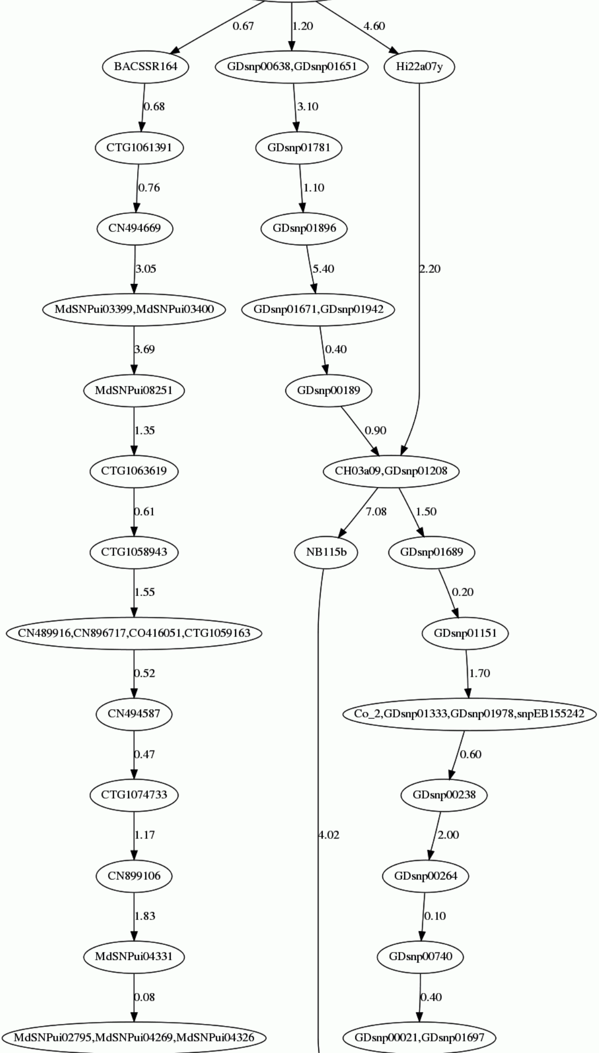
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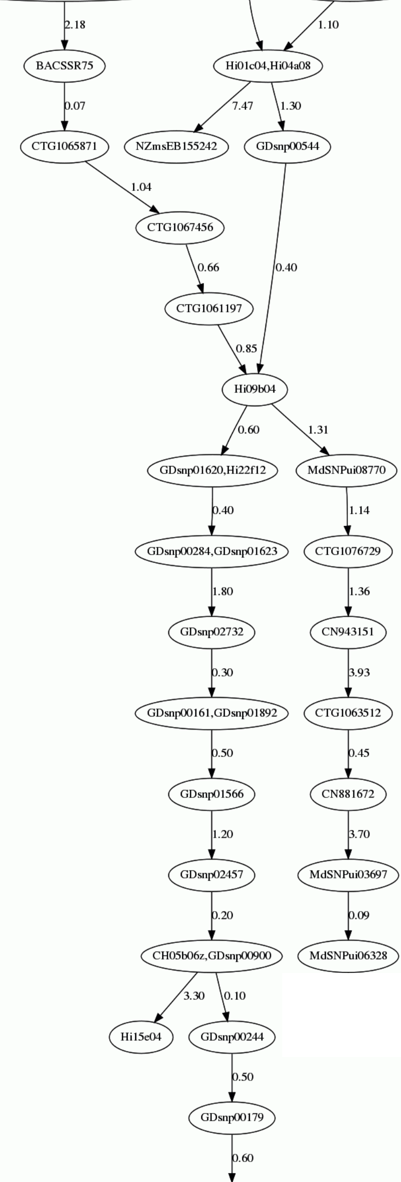
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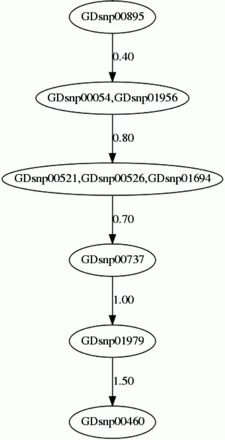
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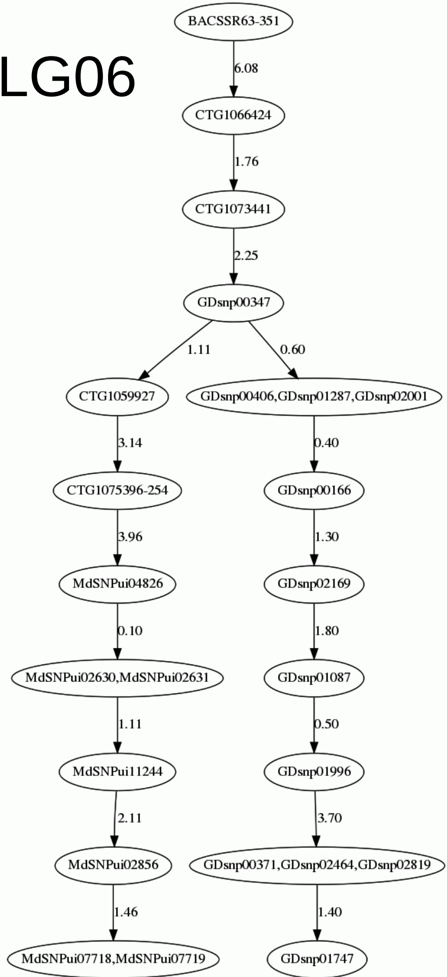
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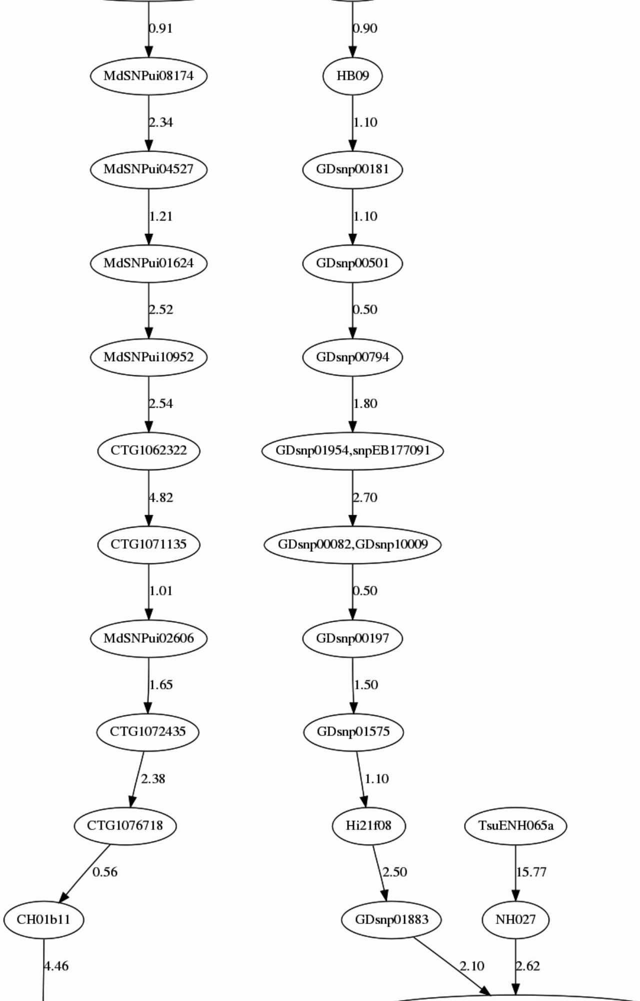
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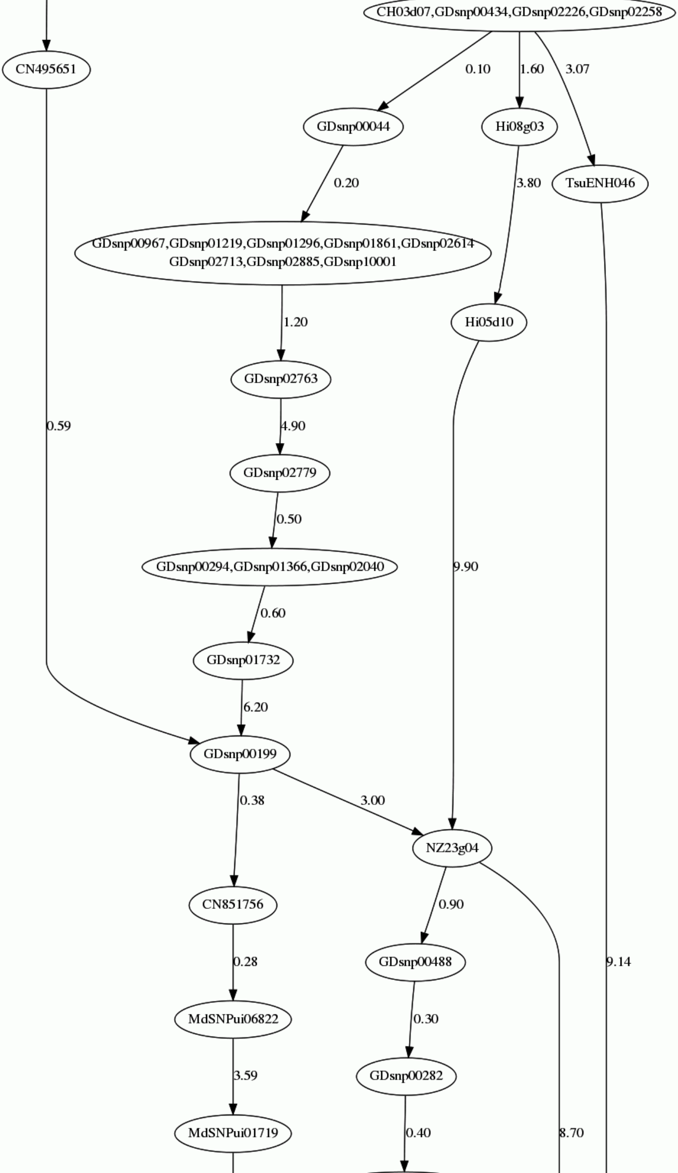
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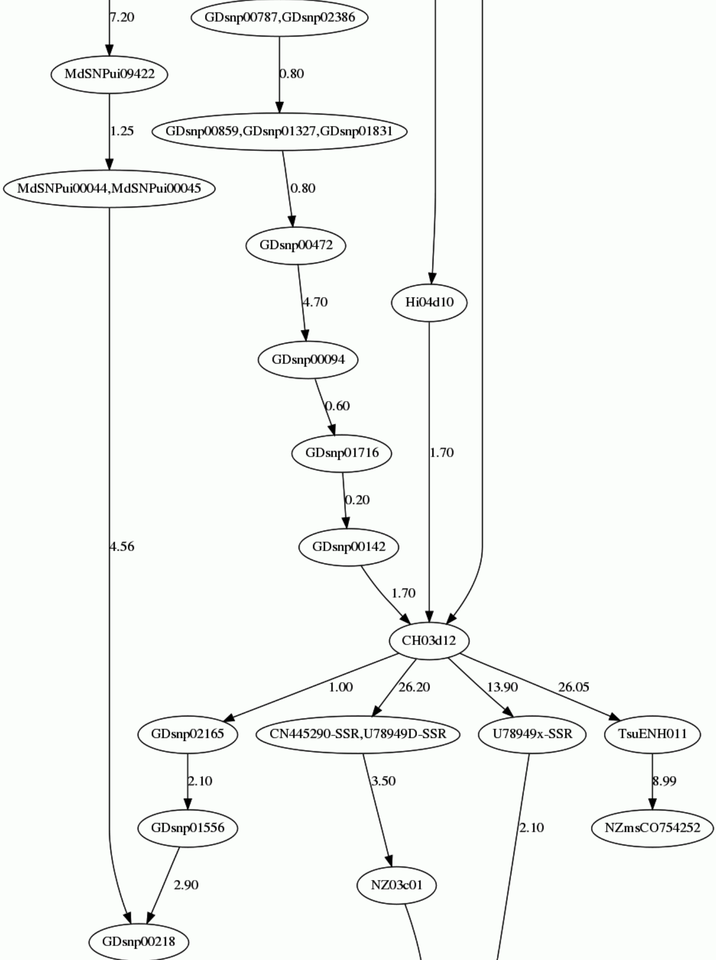
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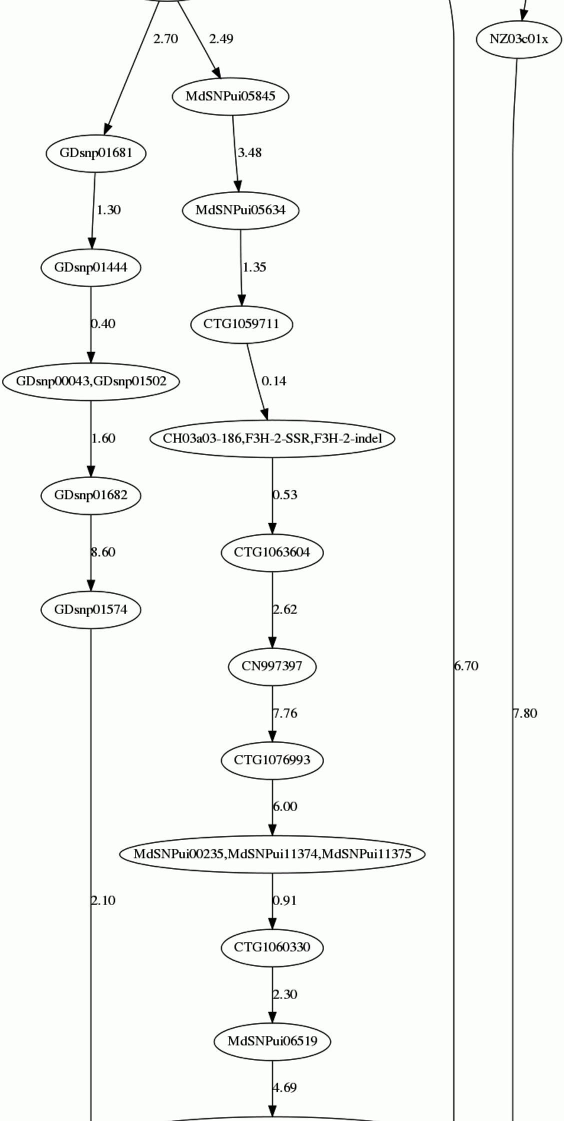
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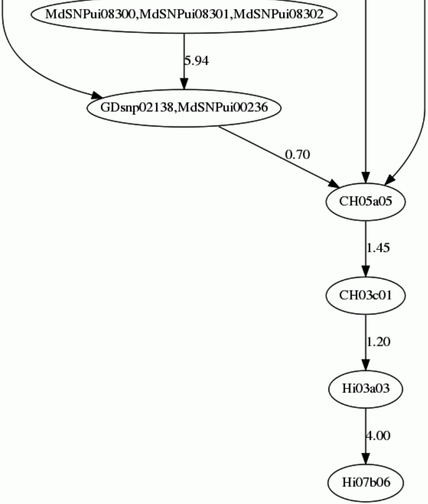
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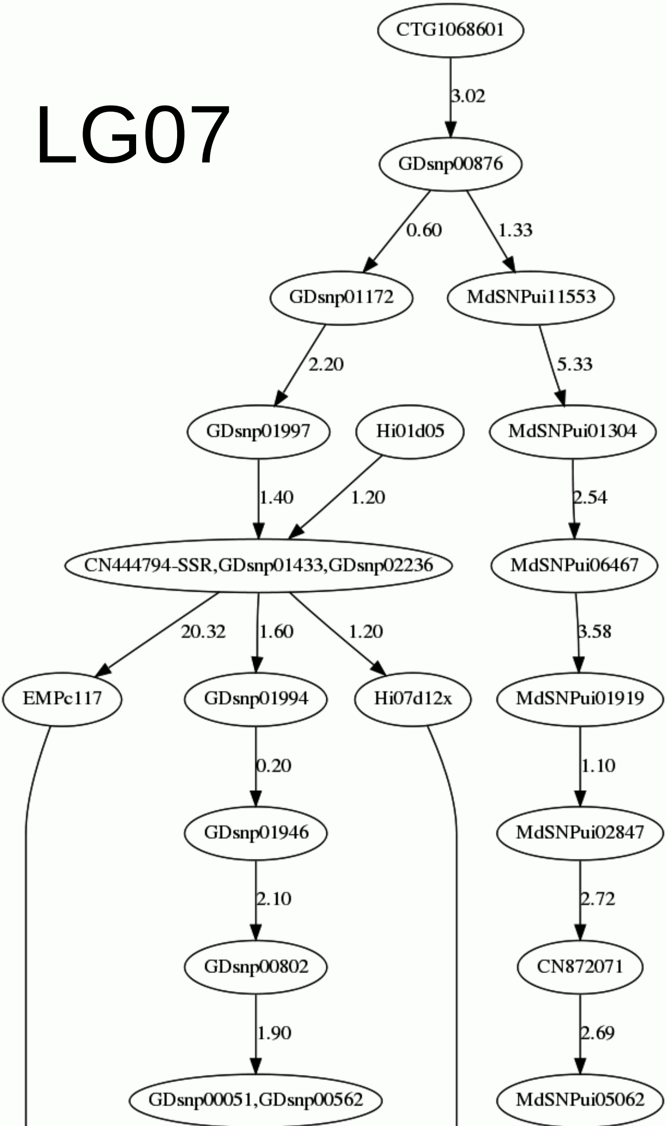
LG07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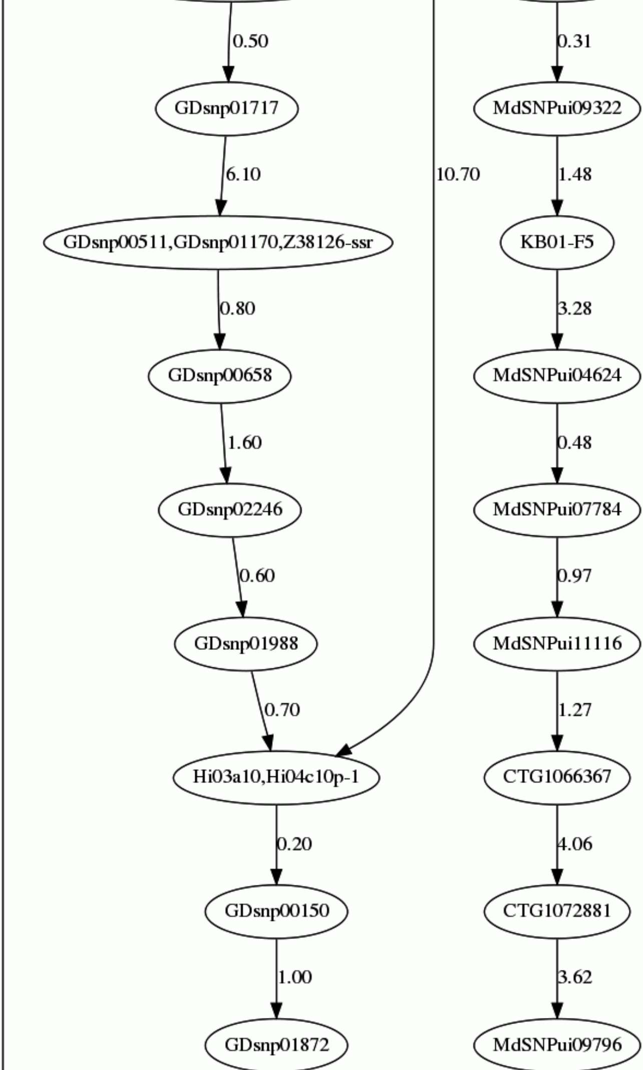
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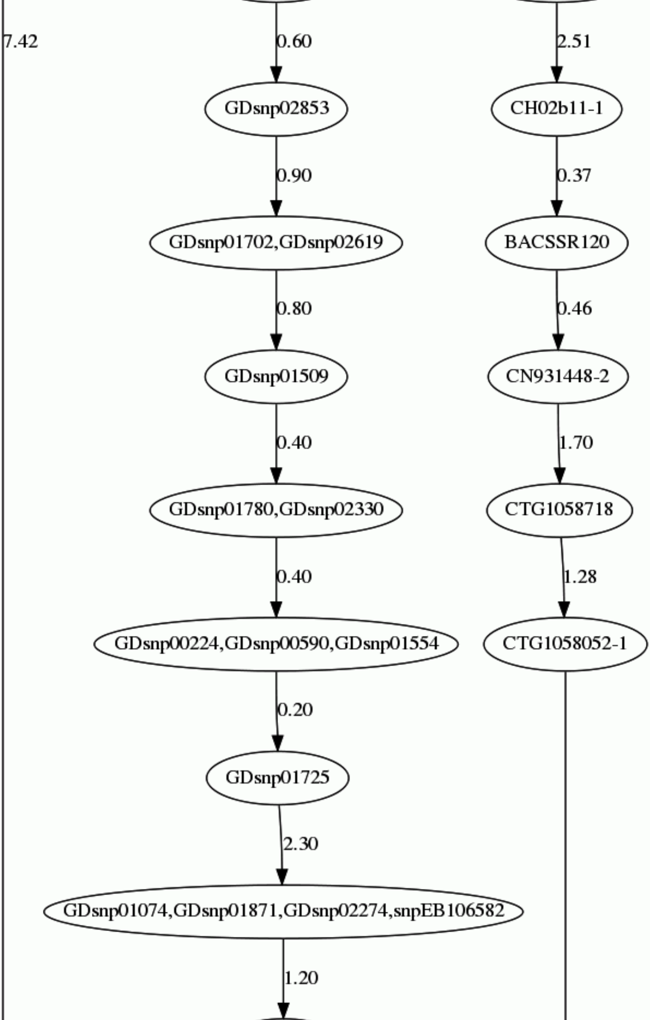
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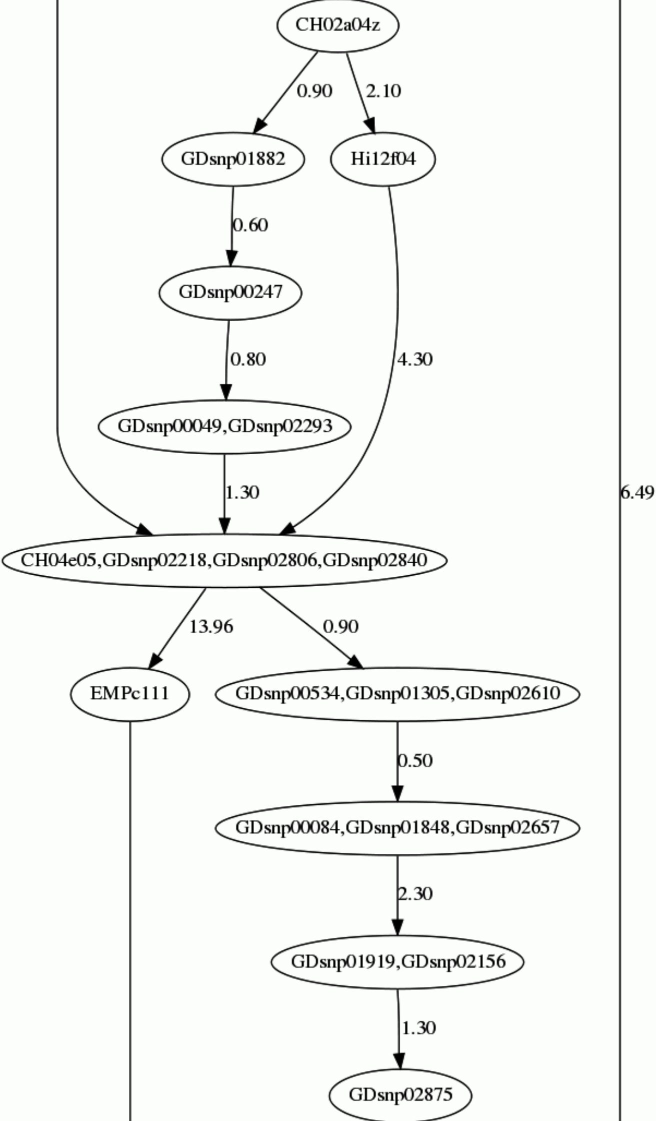
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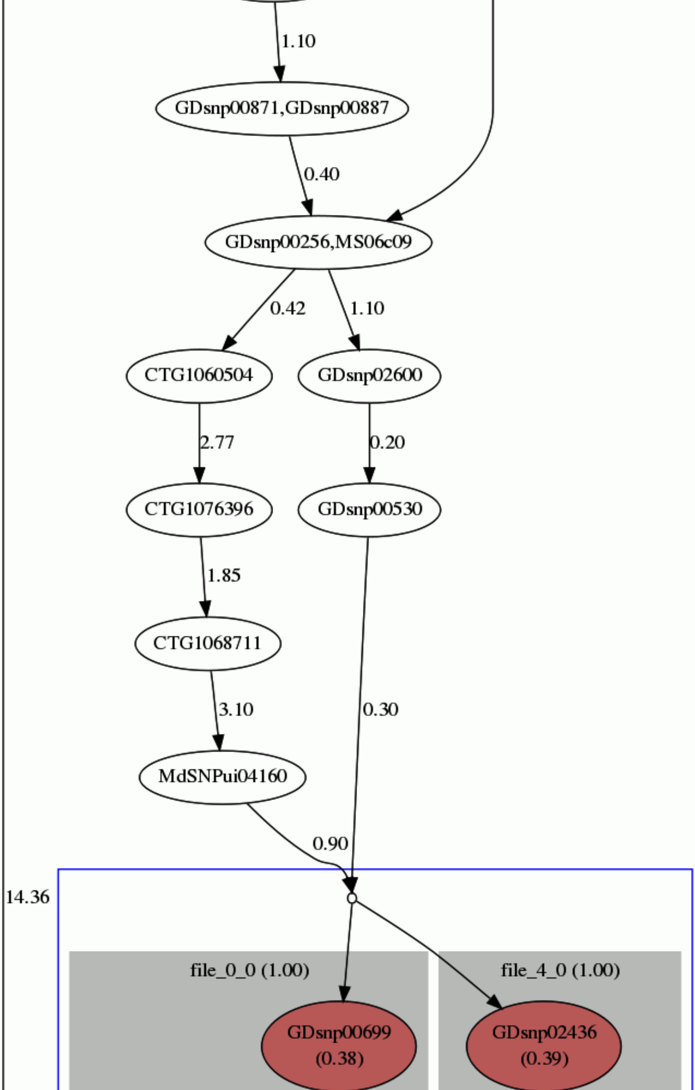
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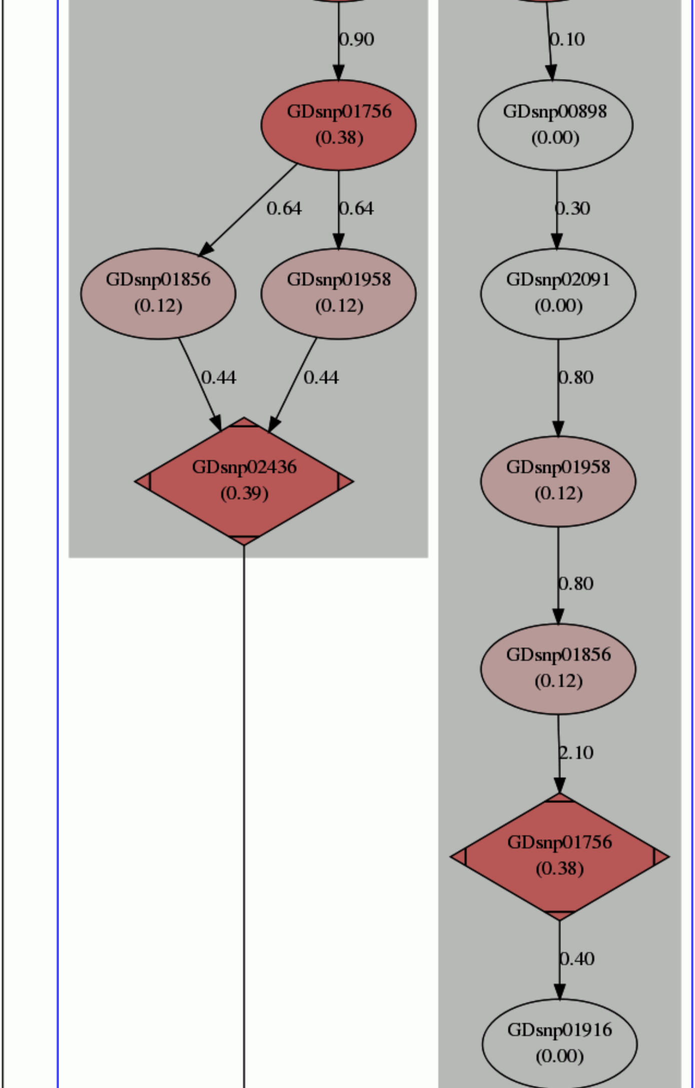
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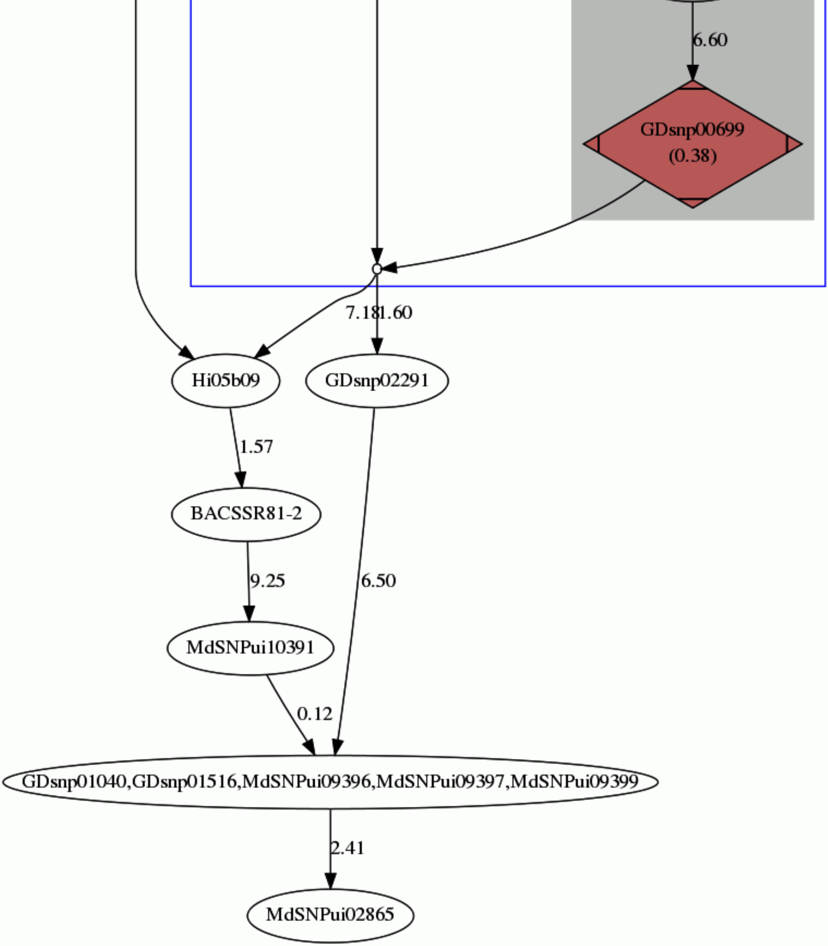
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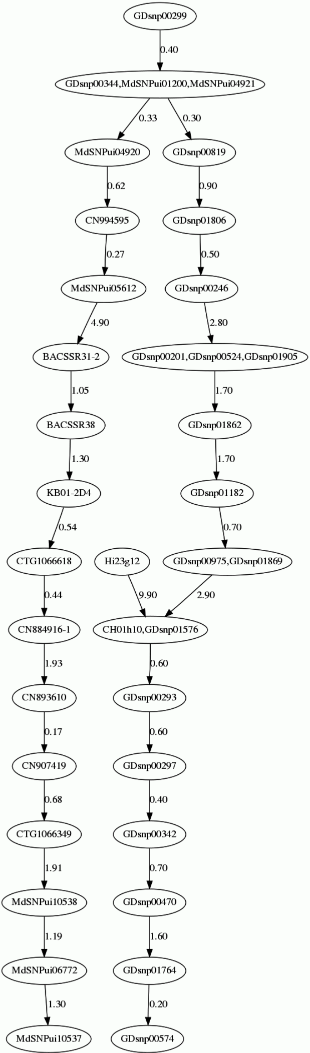
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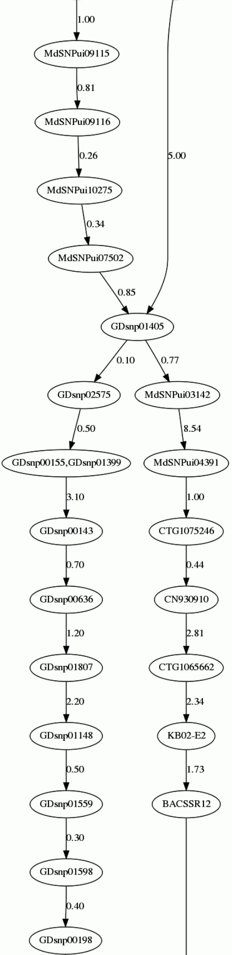
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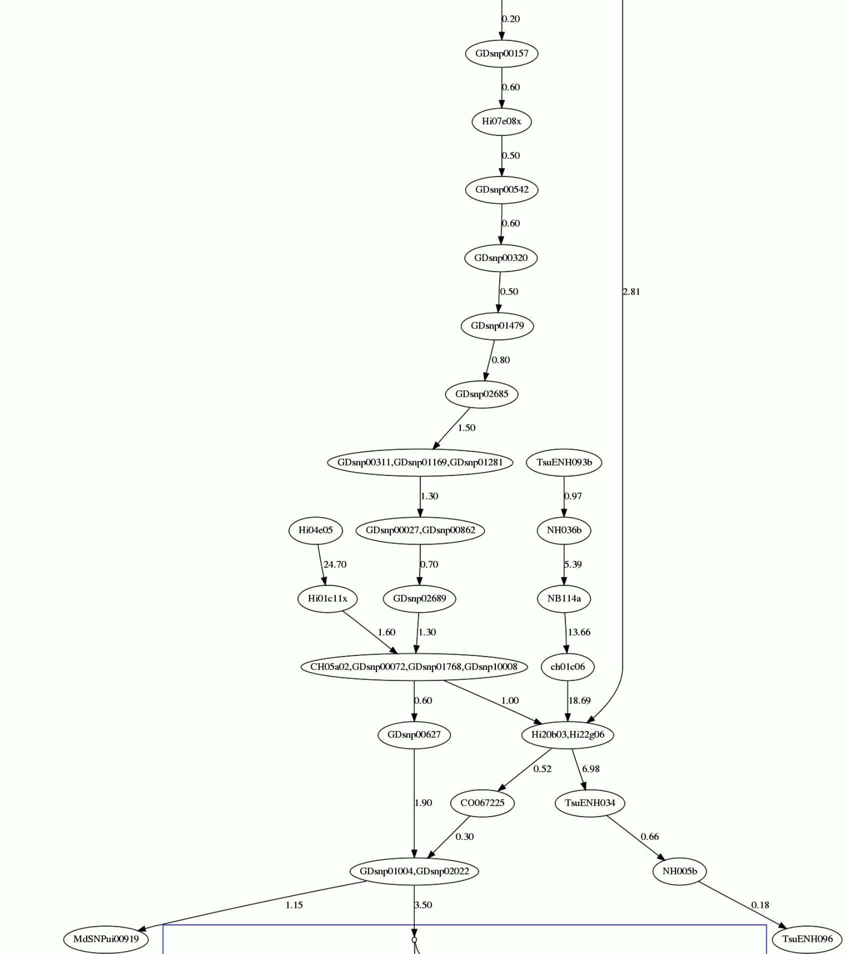
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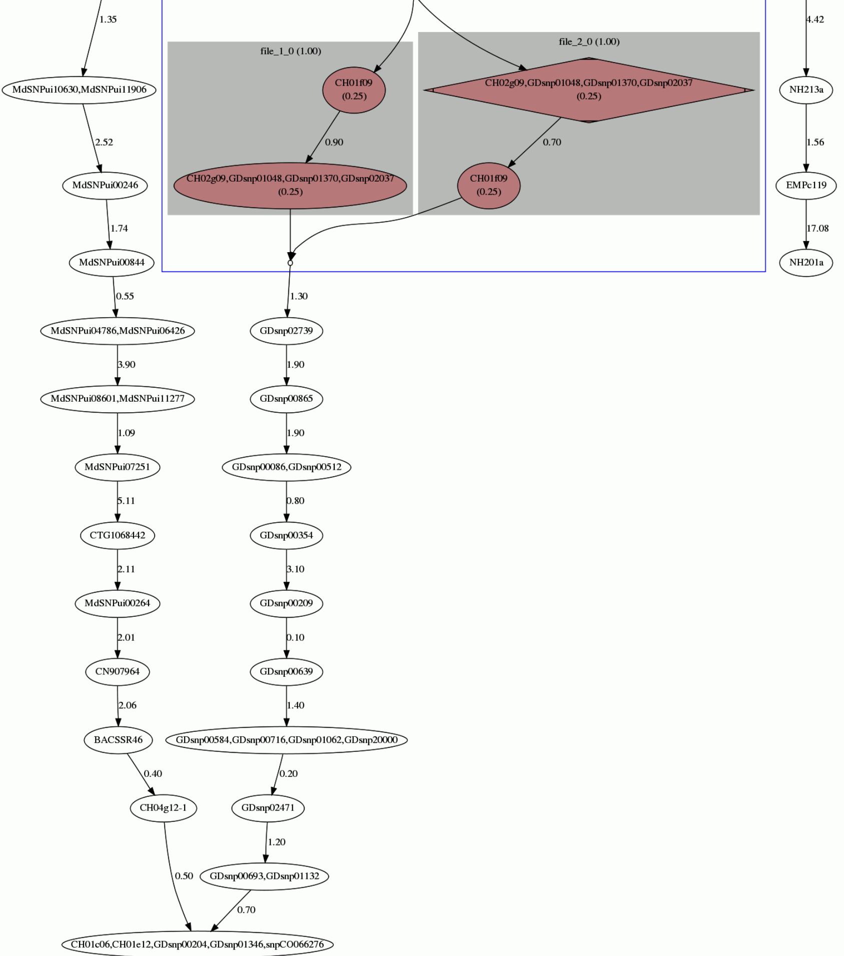
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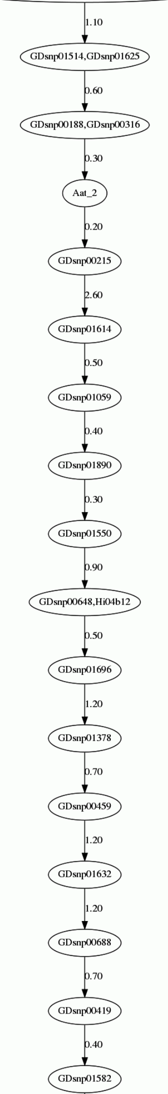
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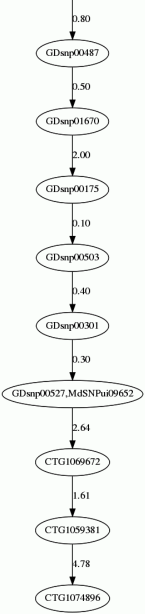
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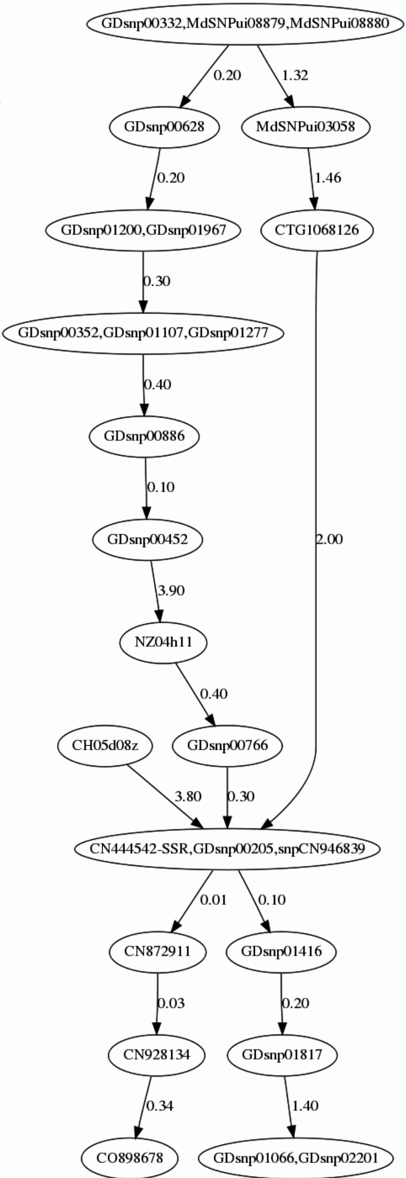
LG09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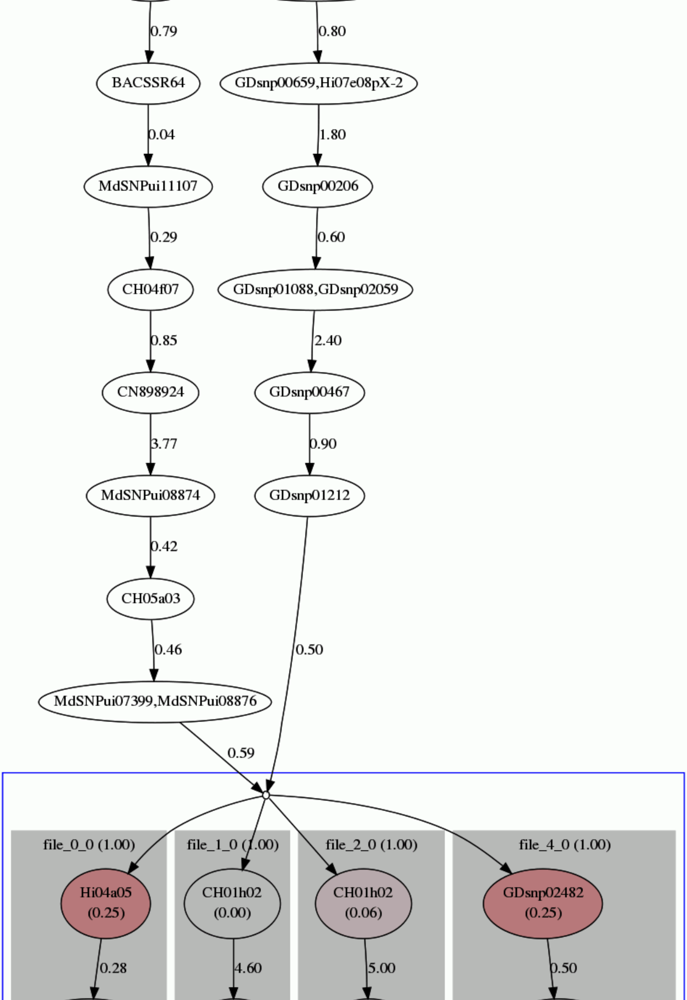
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(0.25)
0.28
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CH01h02
(0.00)
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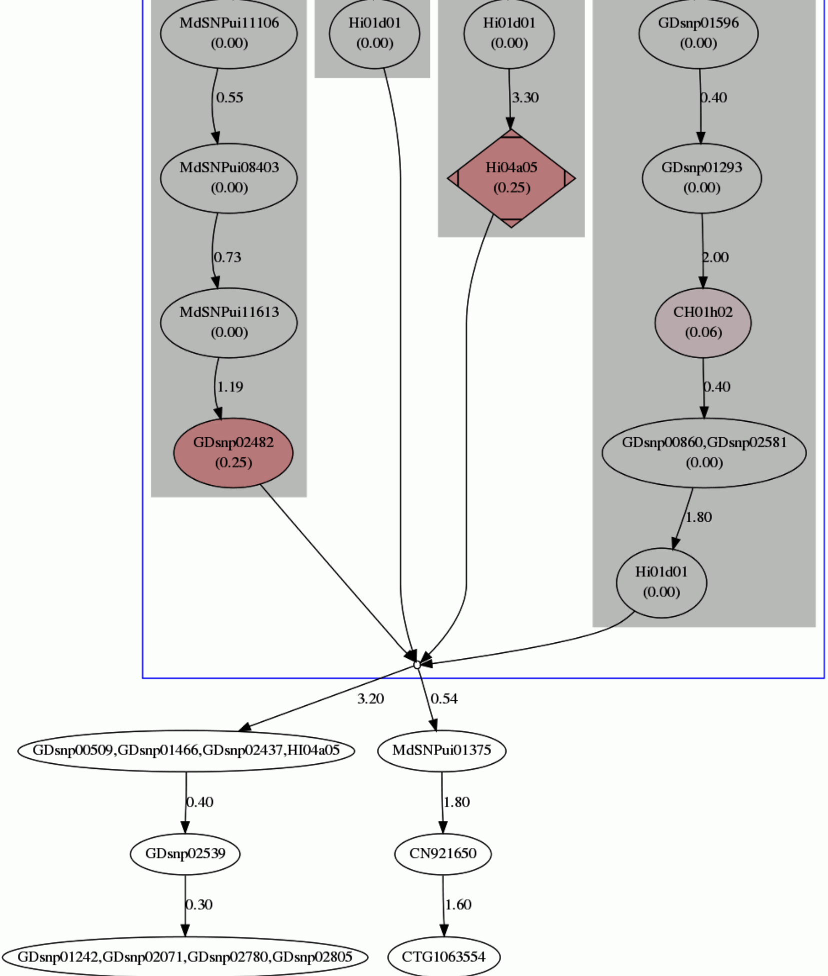
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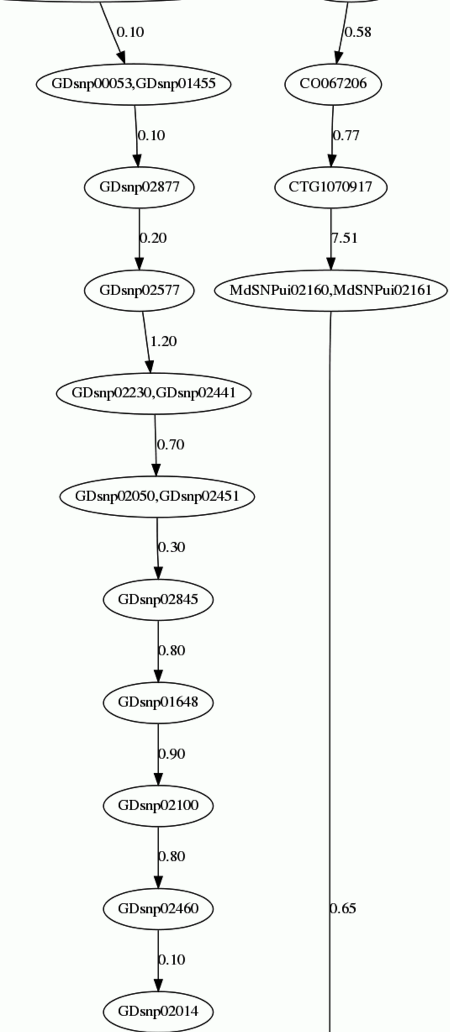
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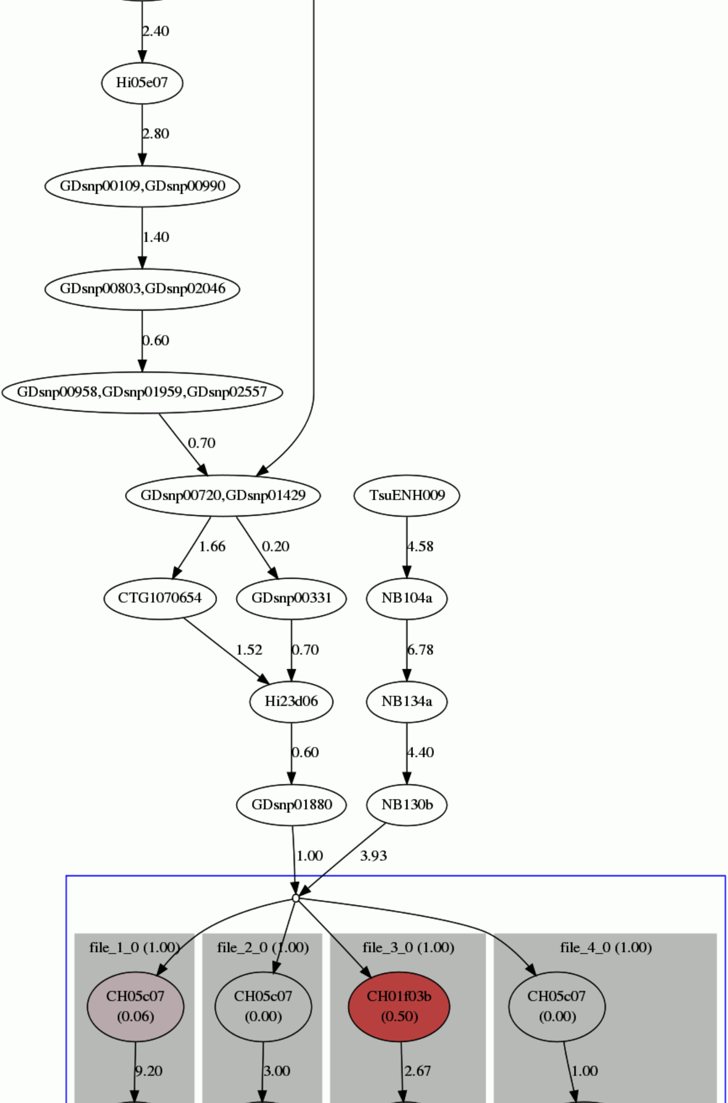
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file_2_0 (1.00)
file_3_0 (1.00)
file_4_0 (1.00)
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(0.06)
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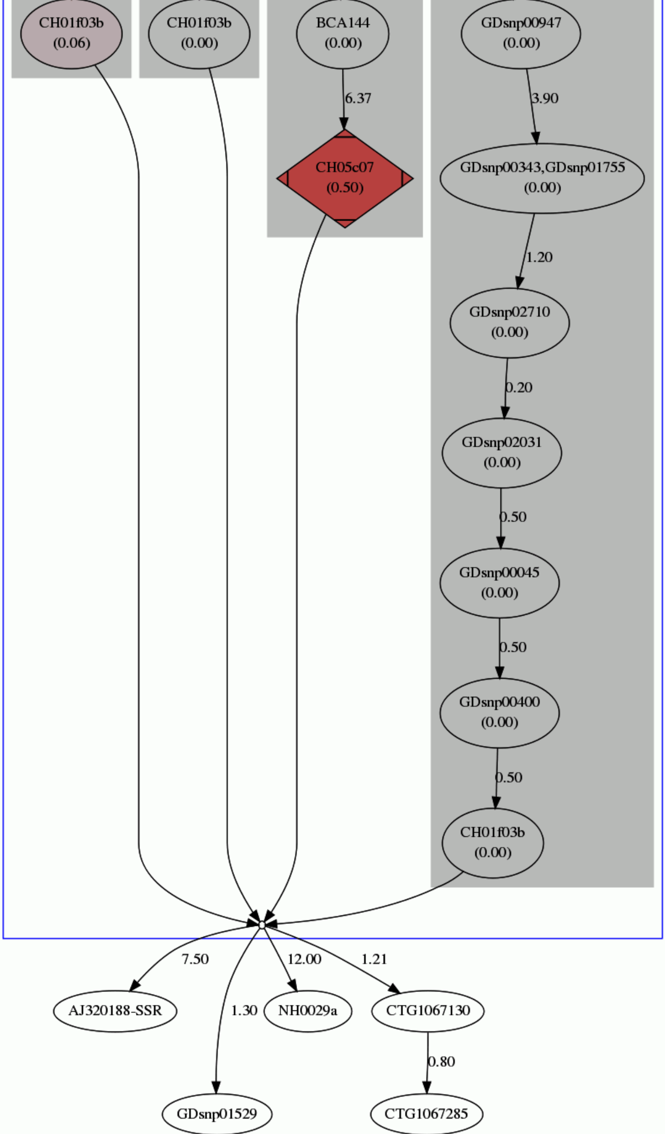
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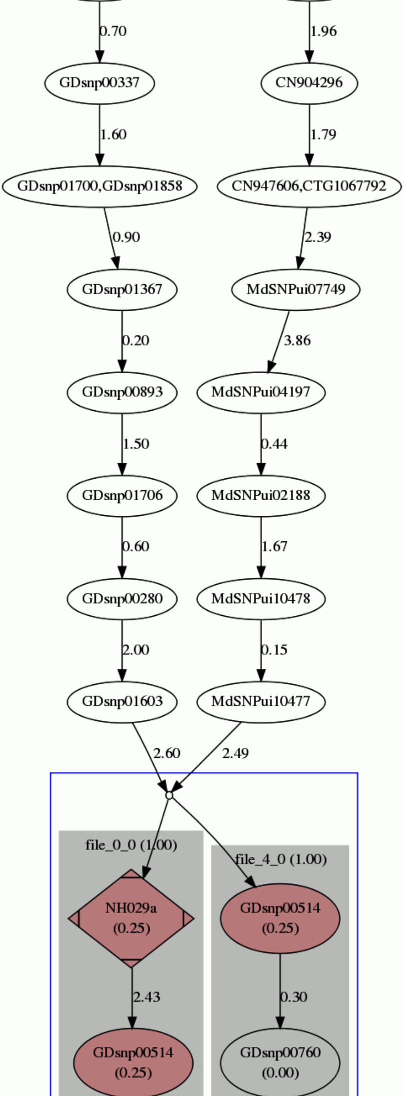
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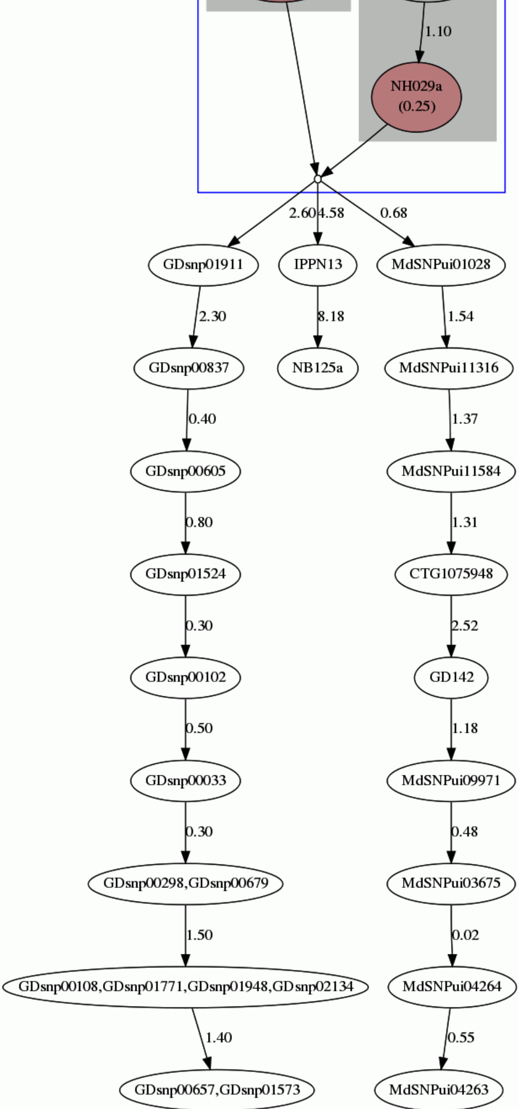
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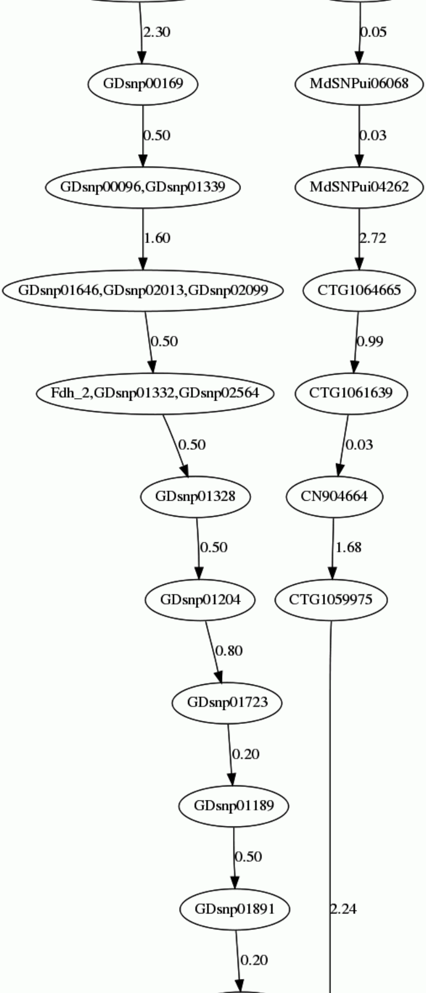
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GDsnp01328
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GDsnp01204
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GDsnp01723
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GDsnp01189
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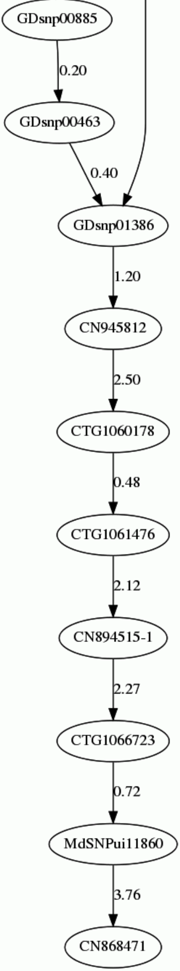
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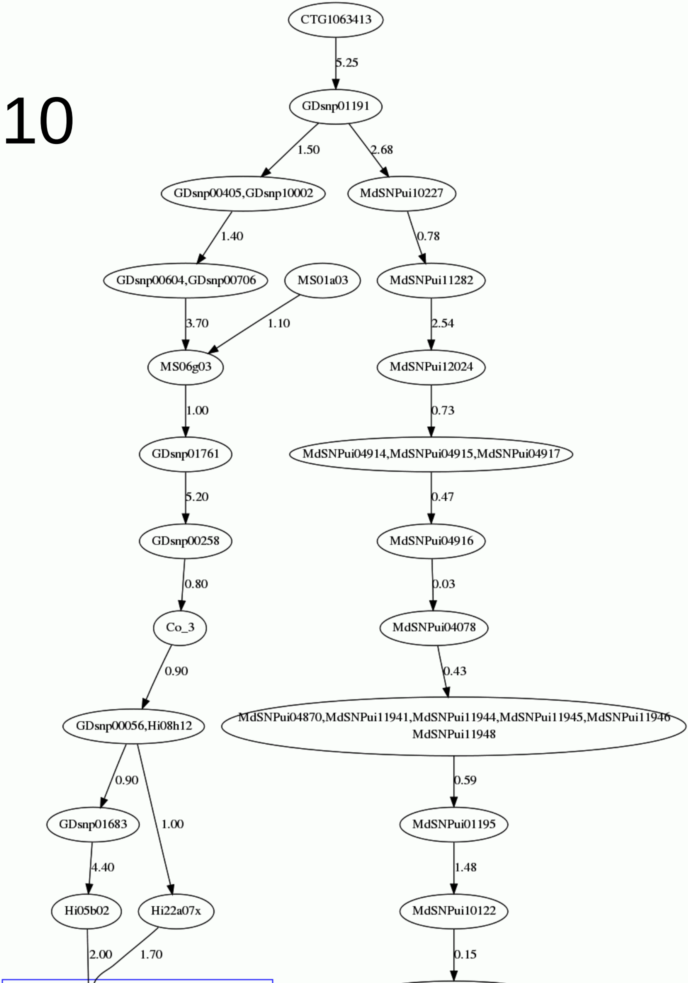
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1.10
2.54
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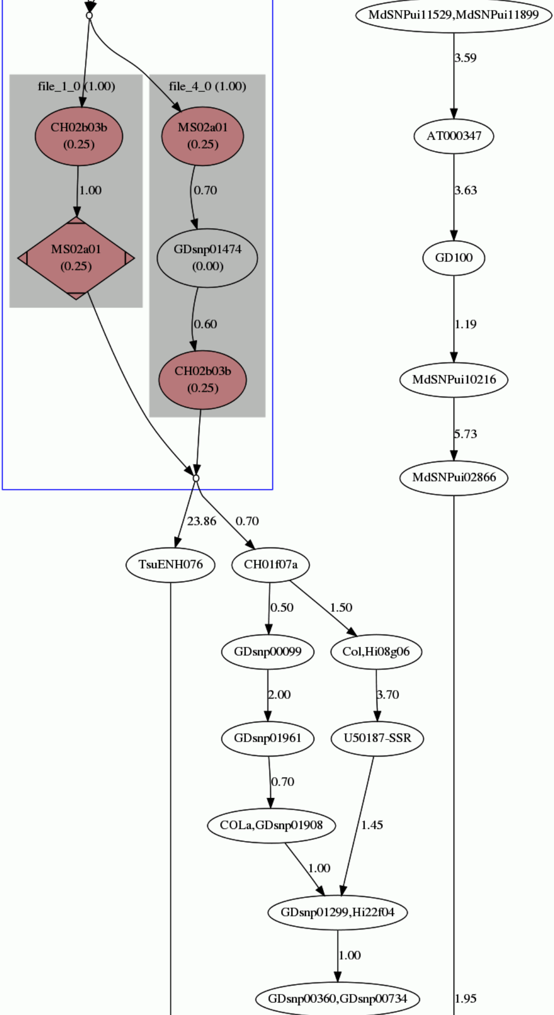
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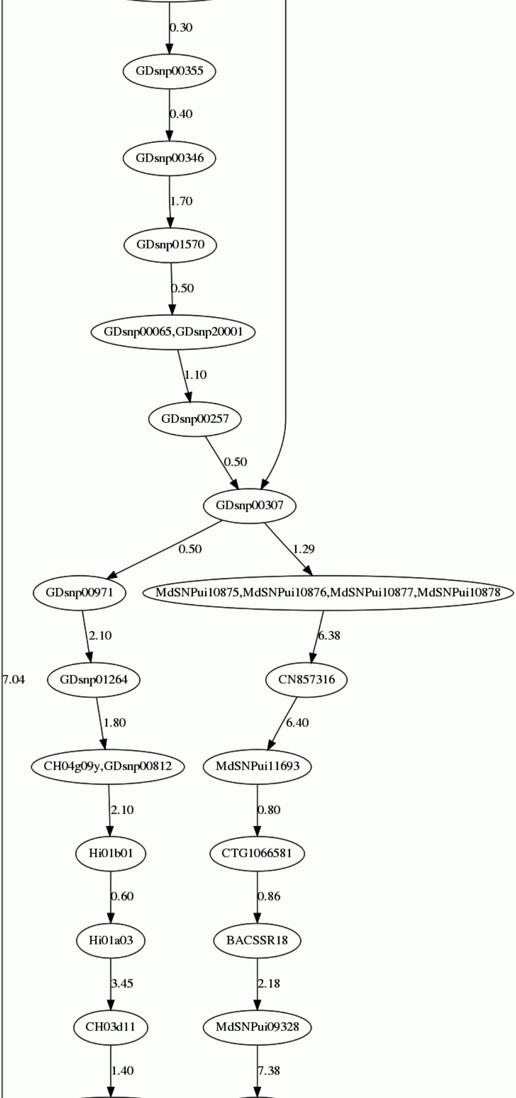
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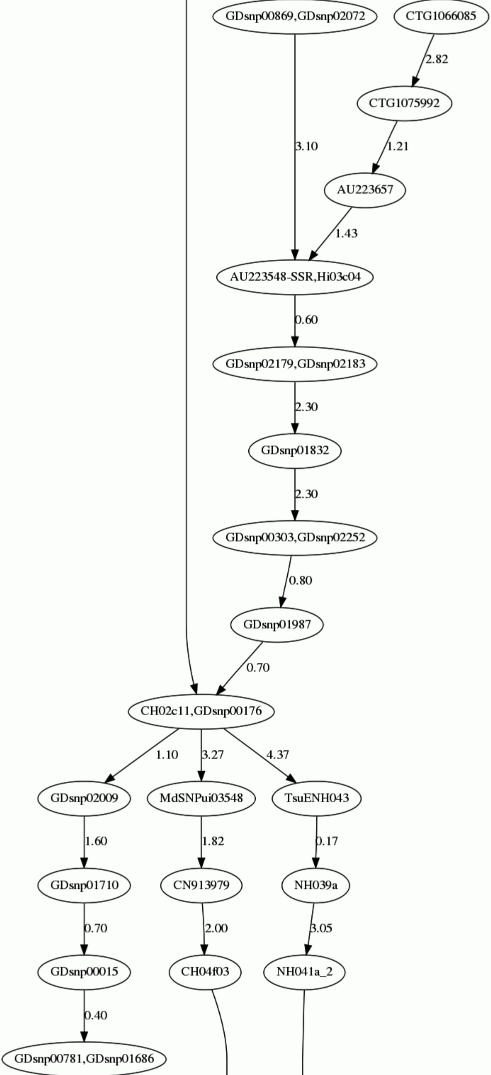
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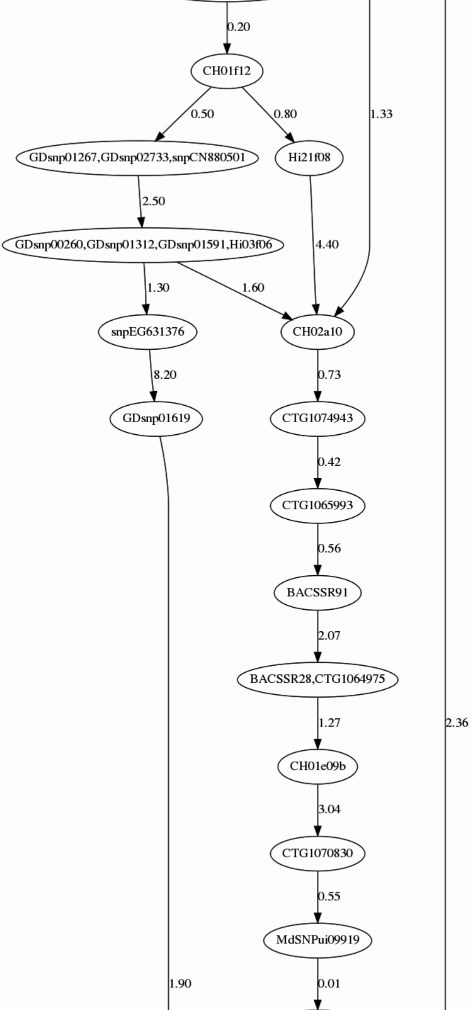
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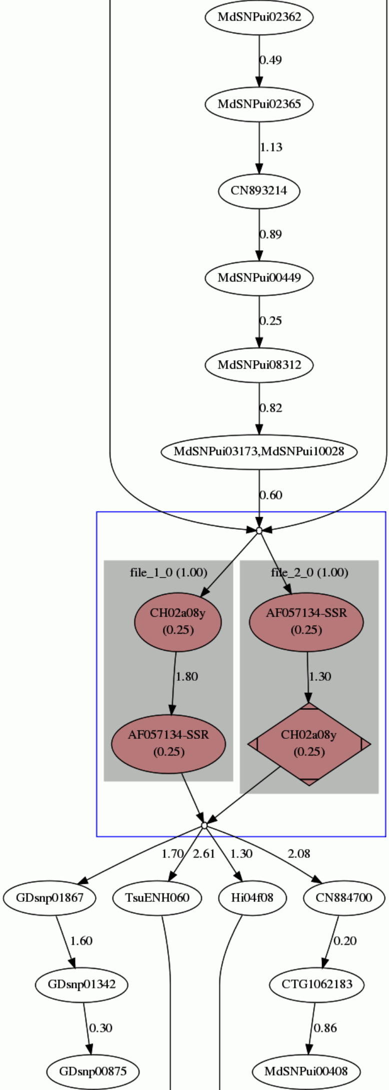
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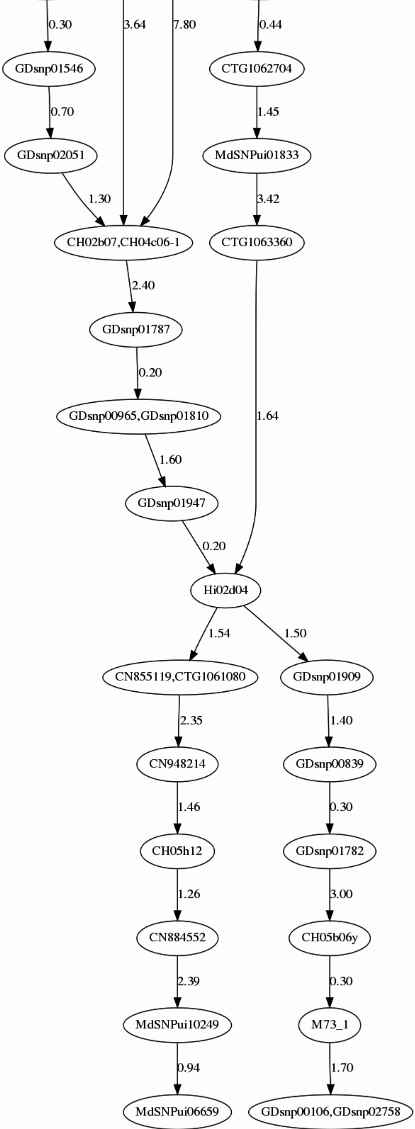
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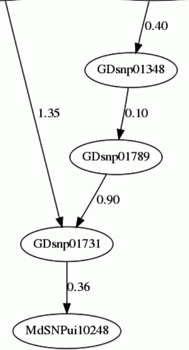
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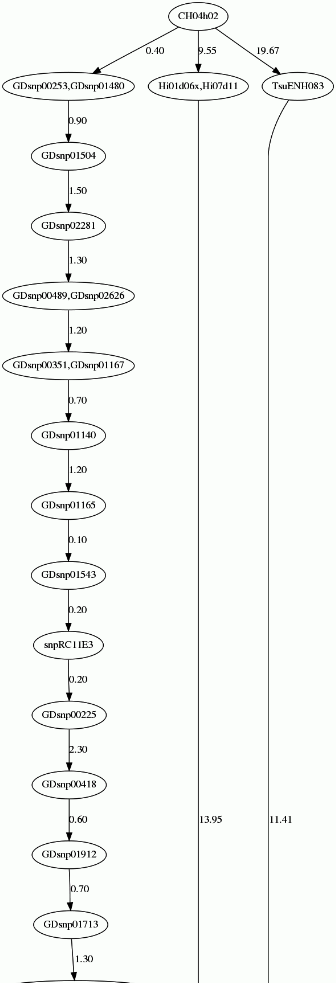
LG11



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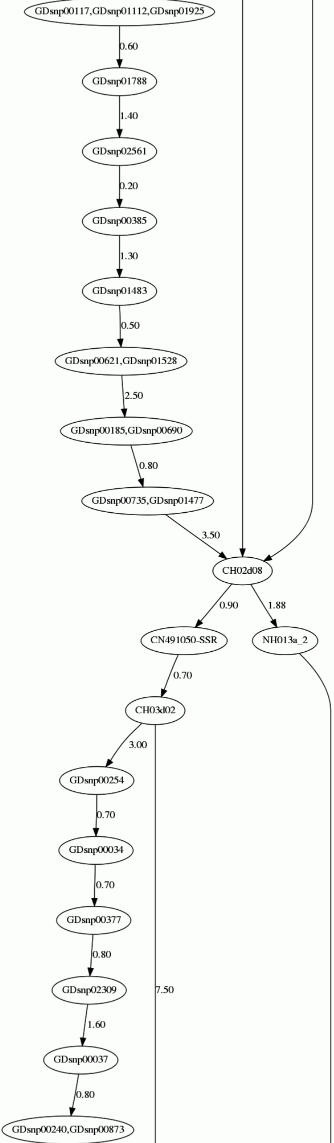
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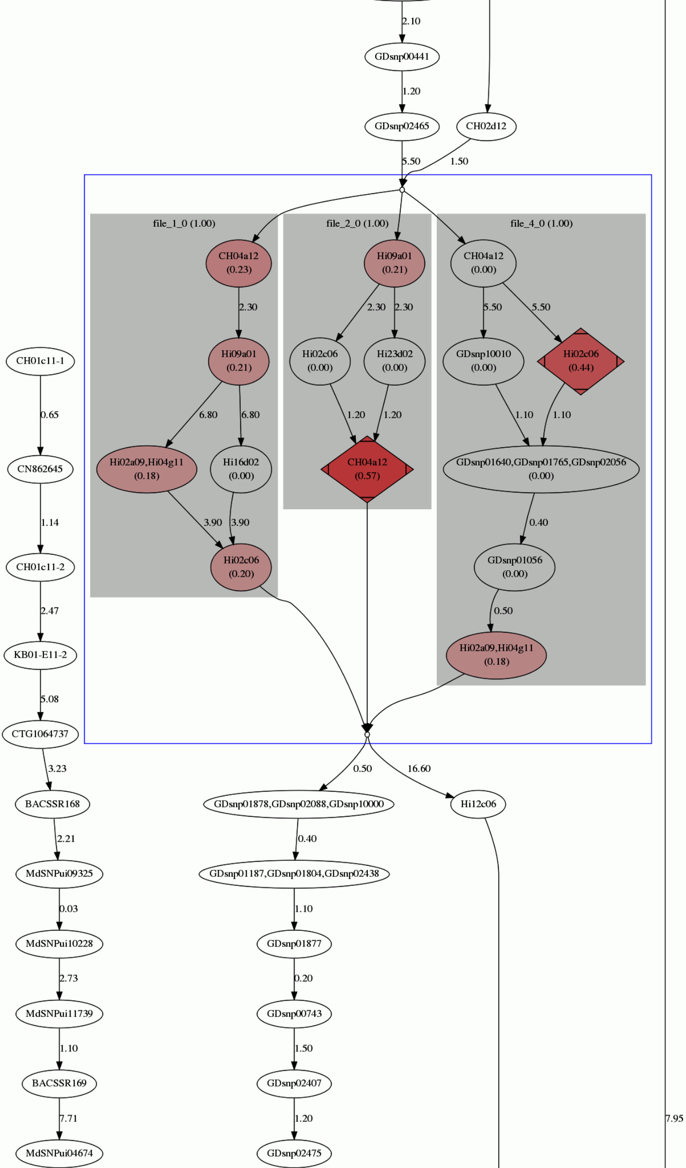
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6.80
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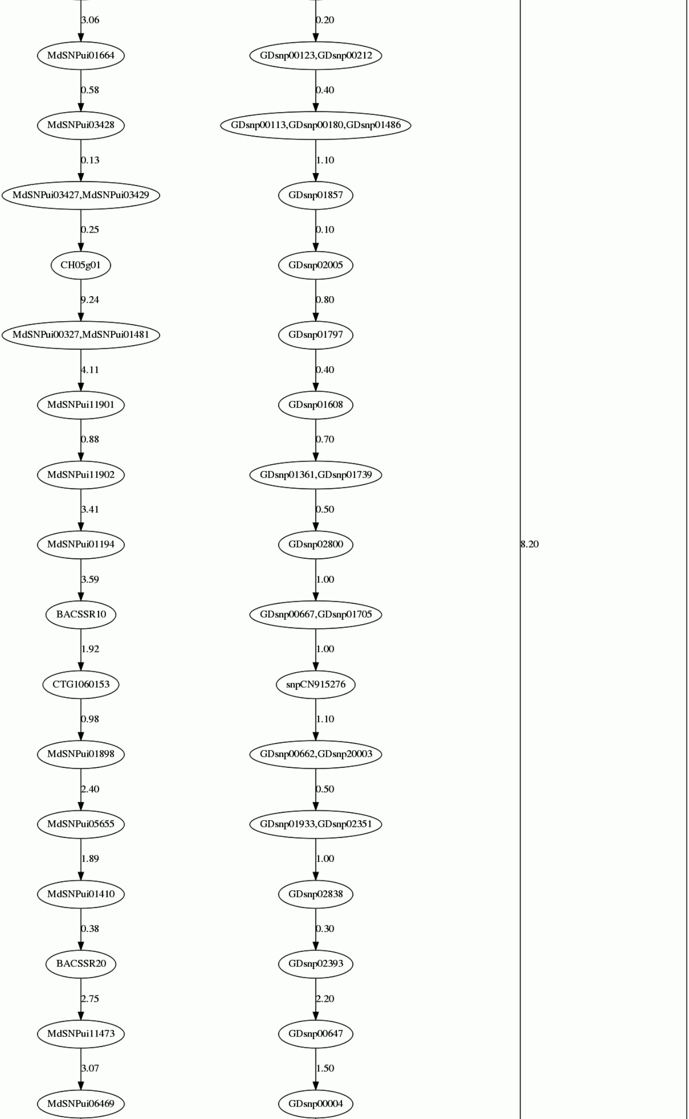
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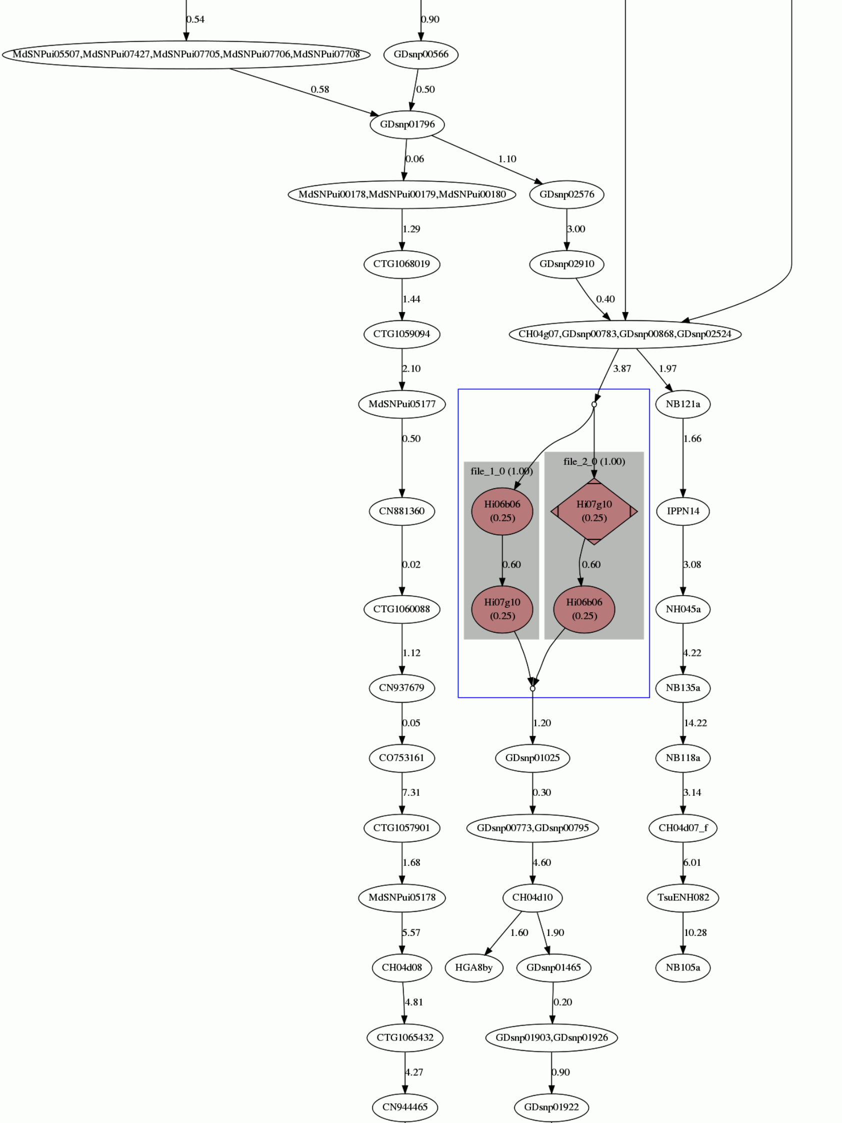
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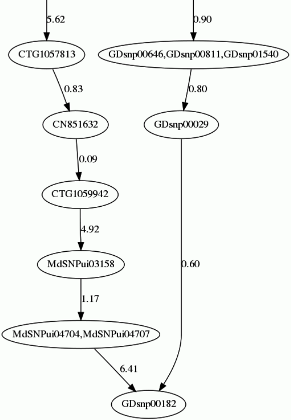
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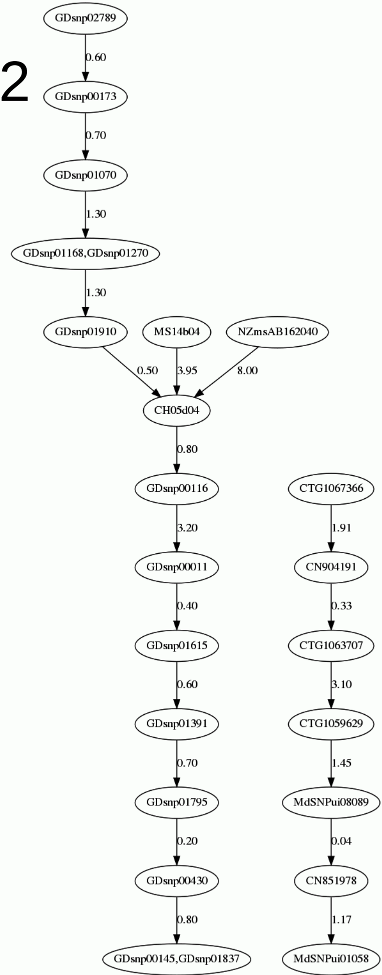
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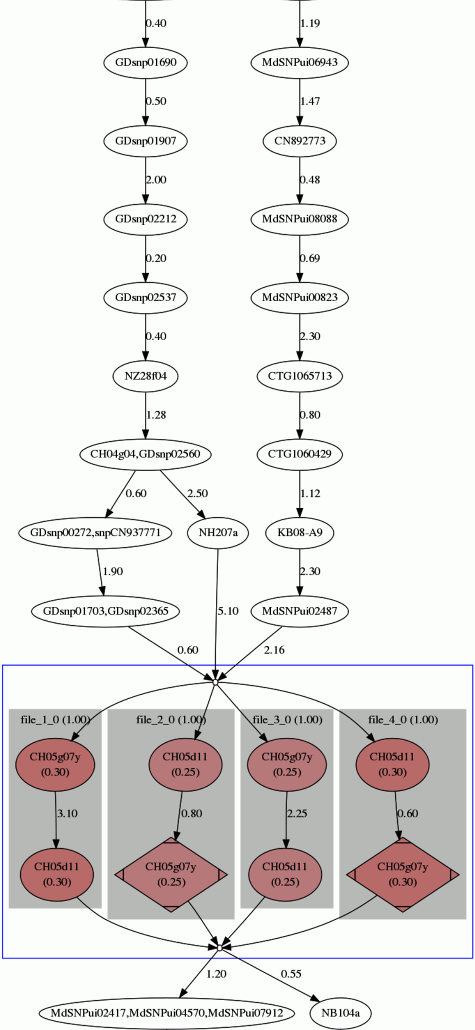
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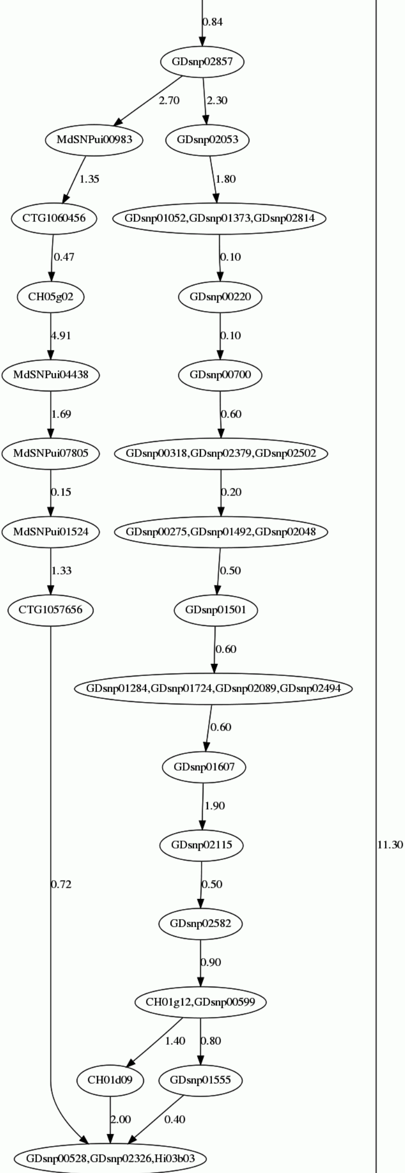
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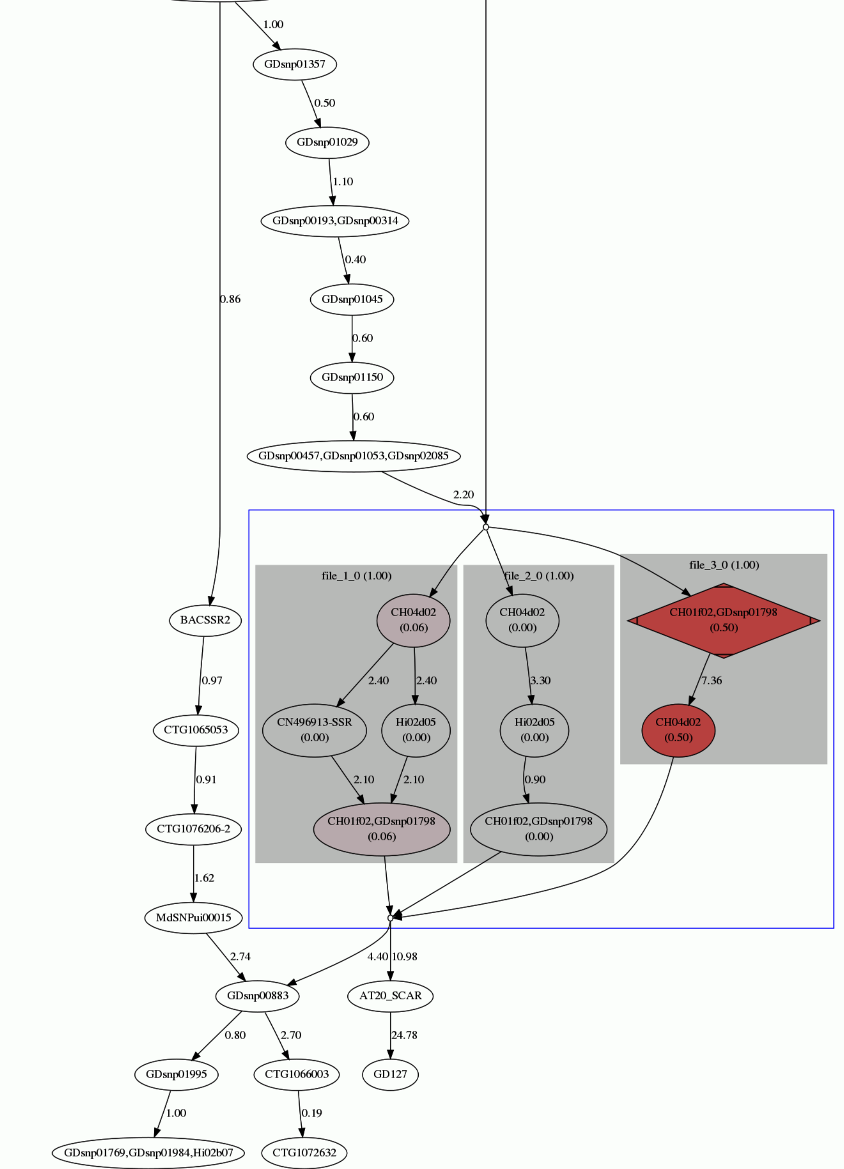
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file_3_0 (1.00)
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2.40
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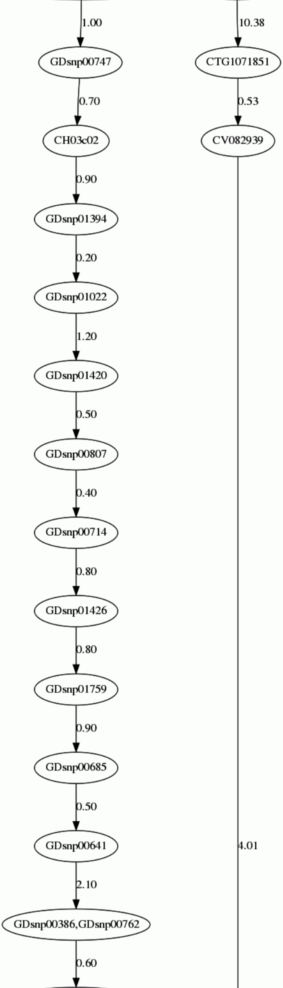
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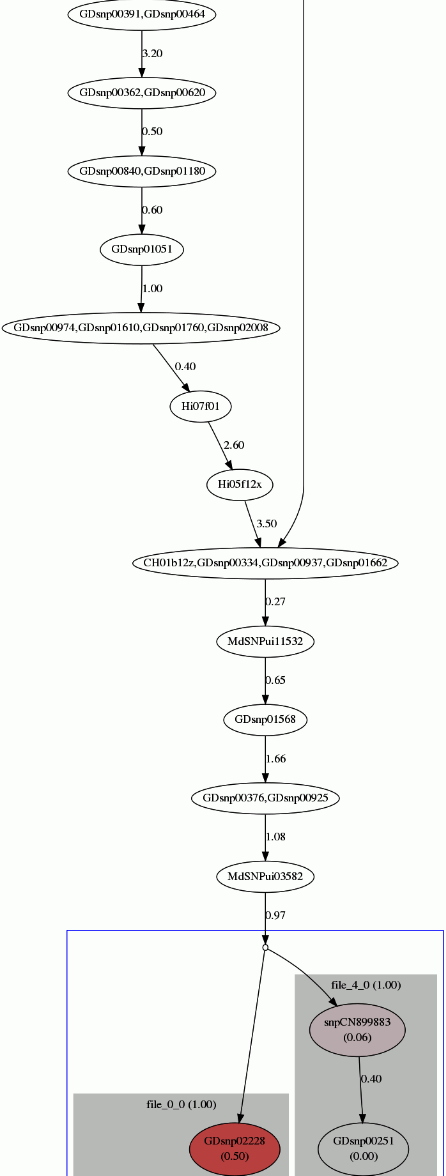
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2.60
Hi05f12x
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CH01b12z,GDsnp00334,GDsnp00937,GDsnp01662
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GDsnp01568
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GDsnp00376,GDsnp00925
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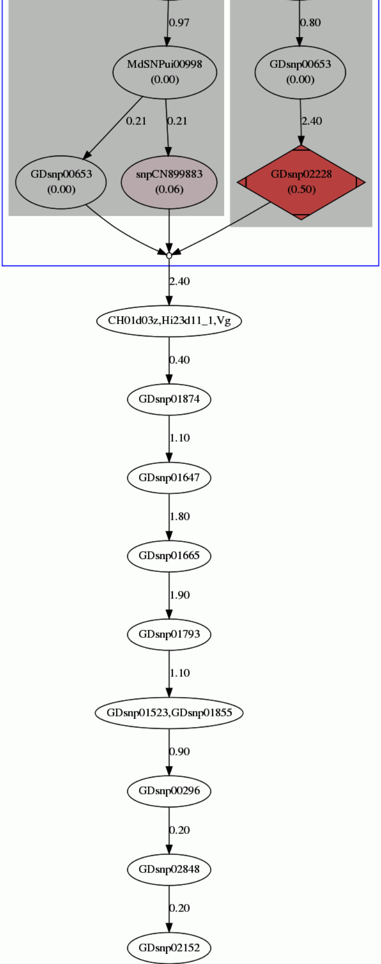
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0.40
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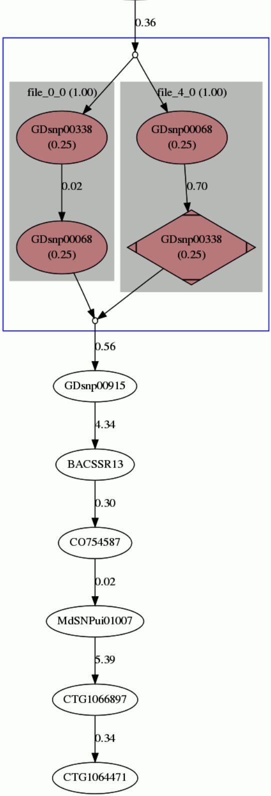
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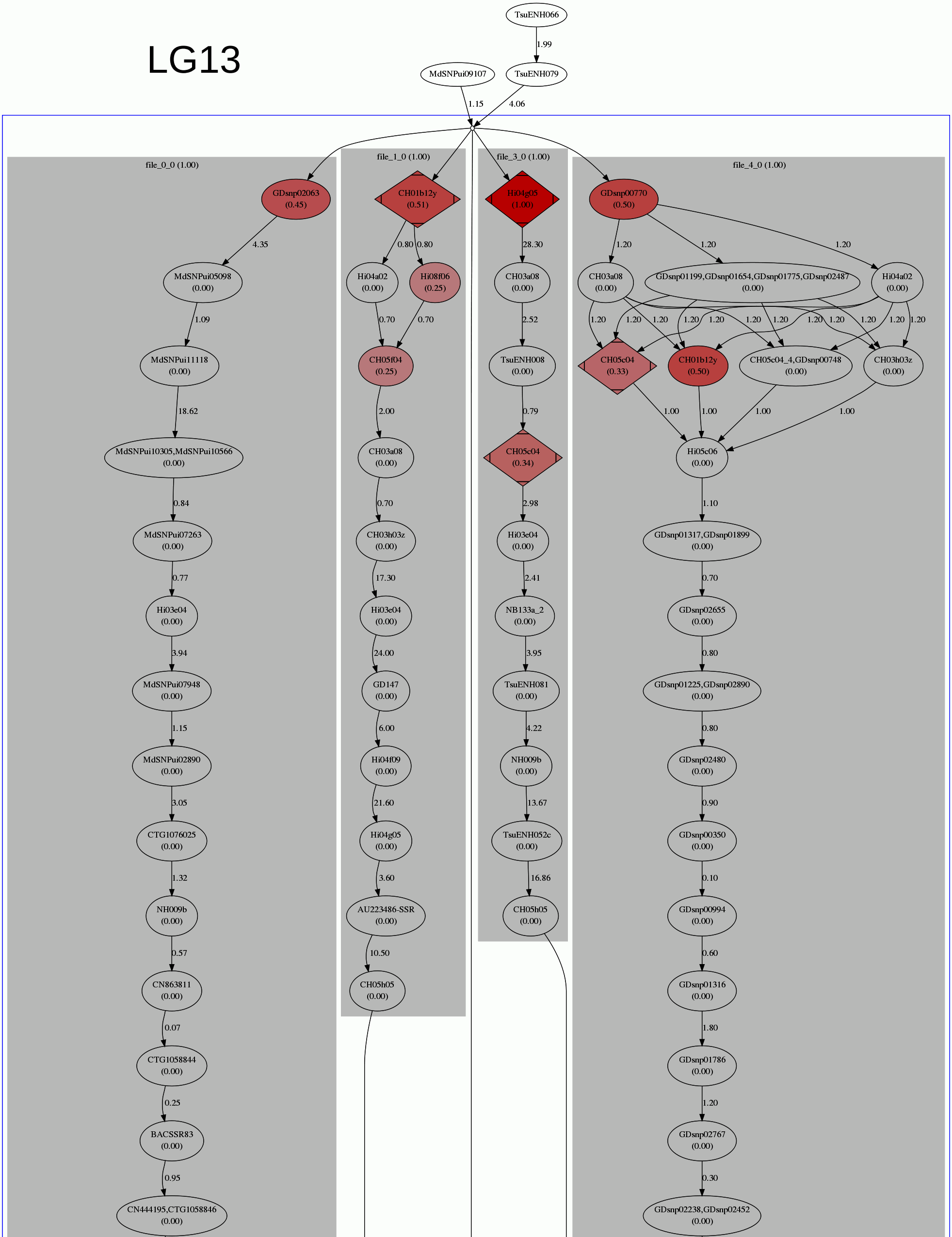
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24.00
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1.20
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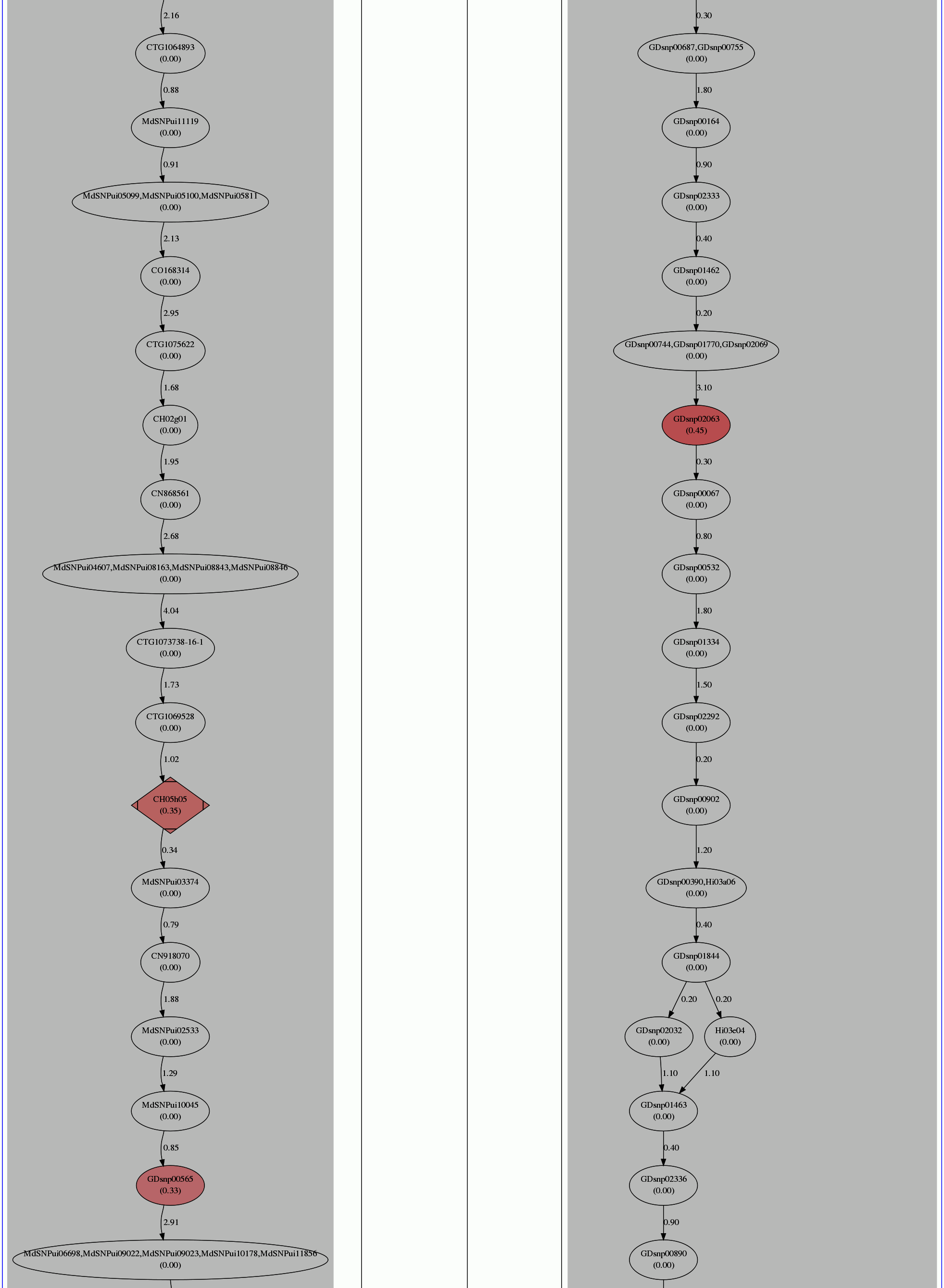
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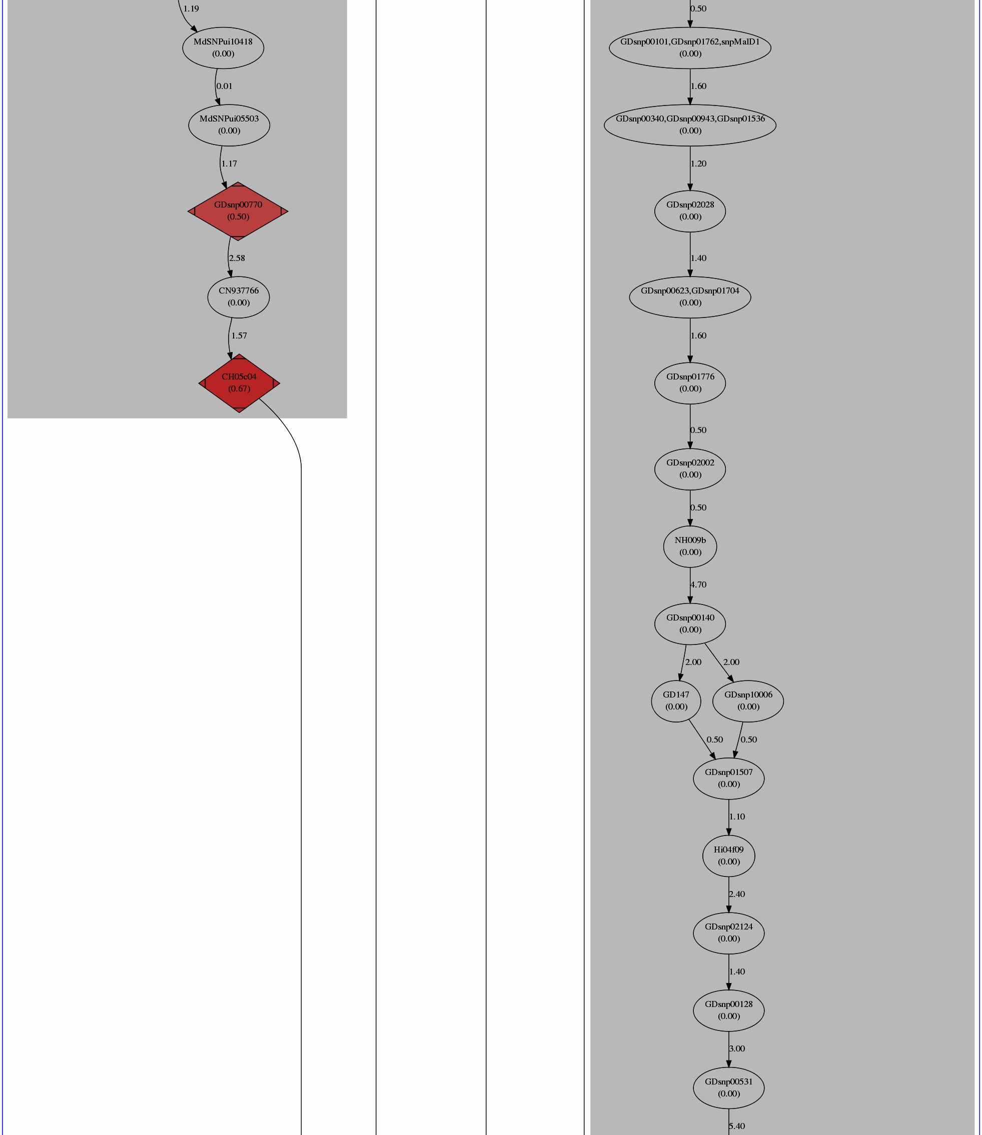
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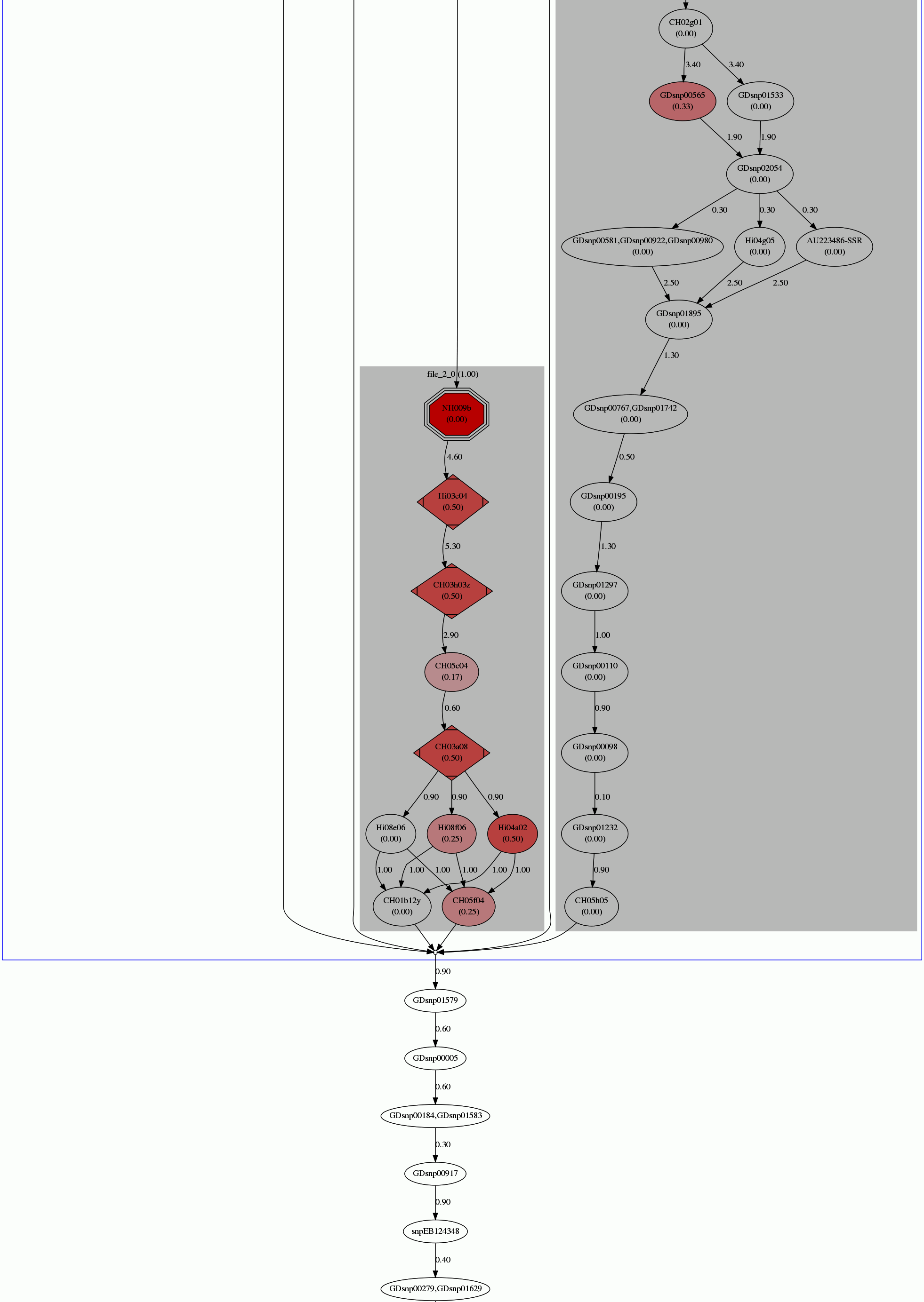
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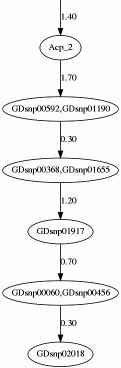
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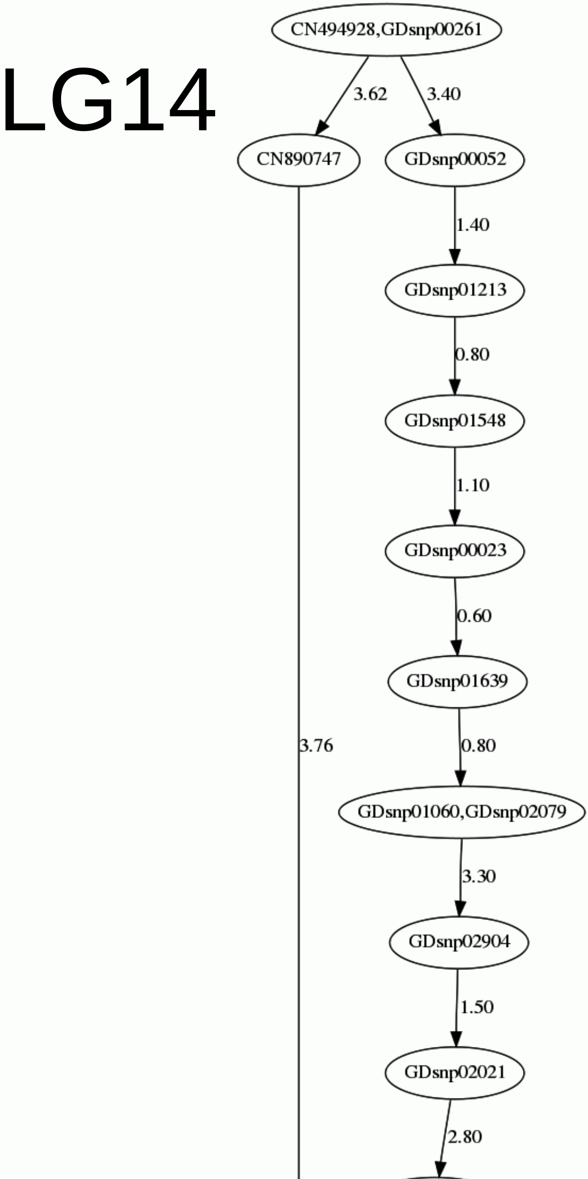
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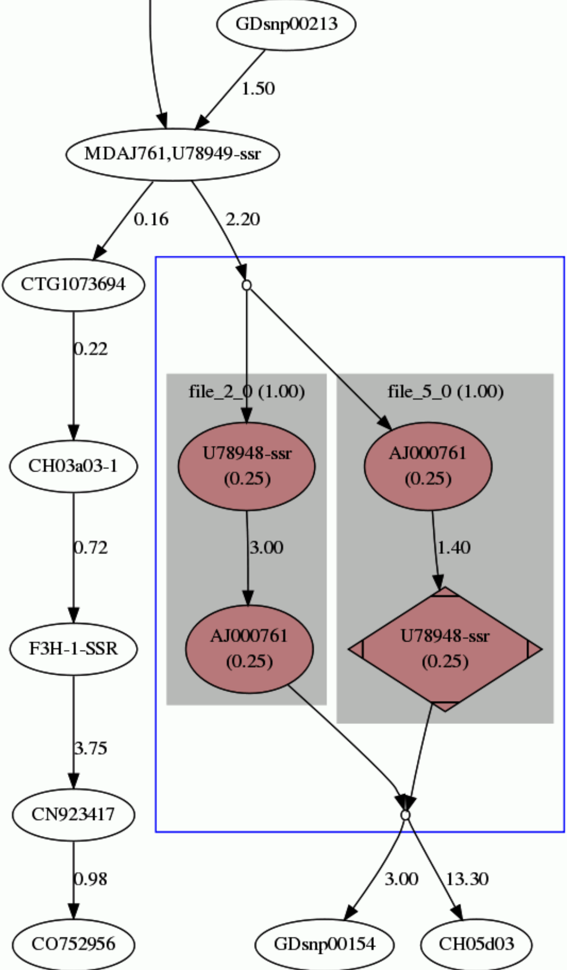
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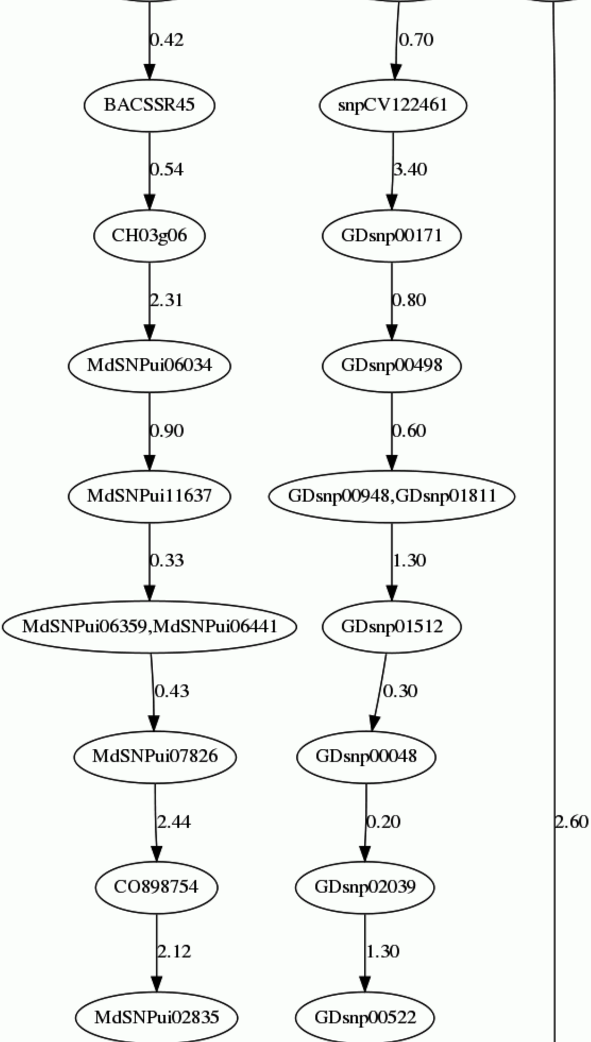
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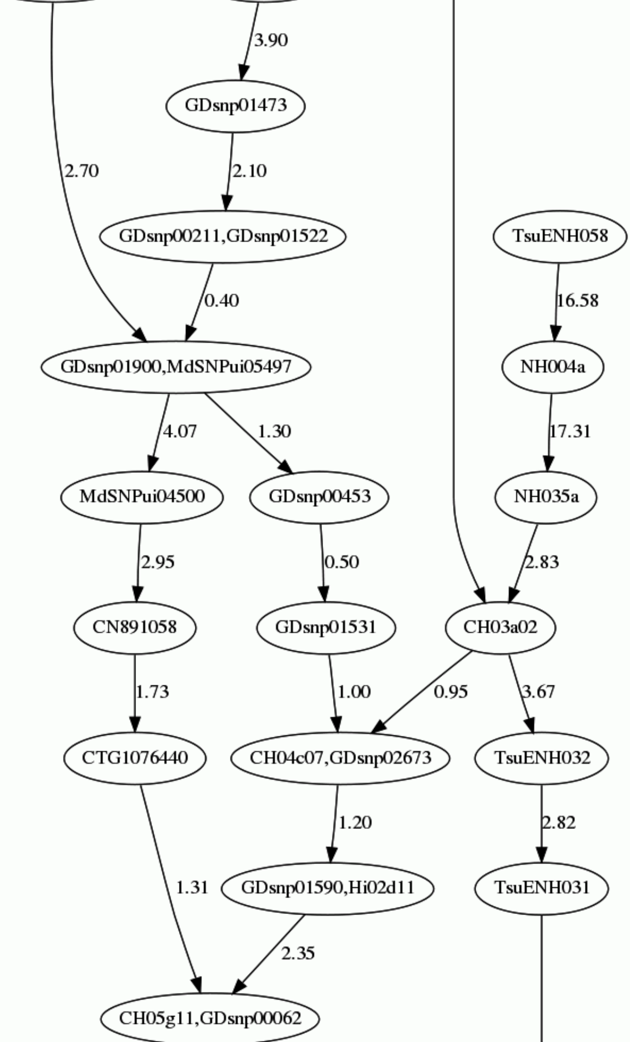
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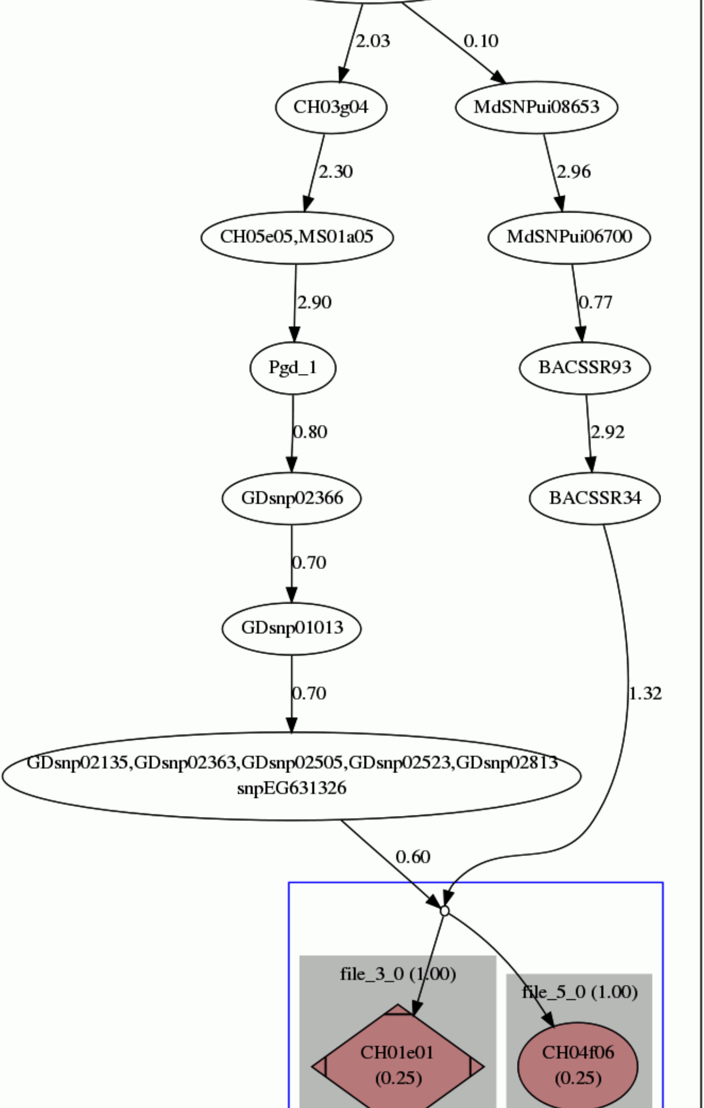
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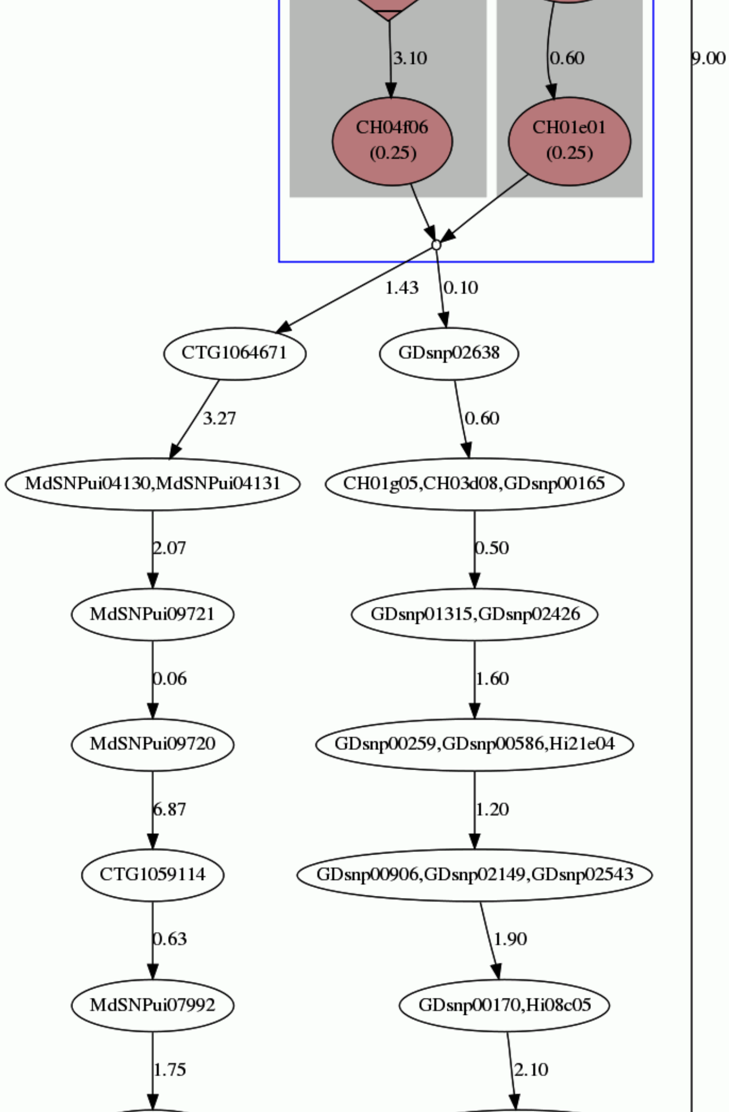
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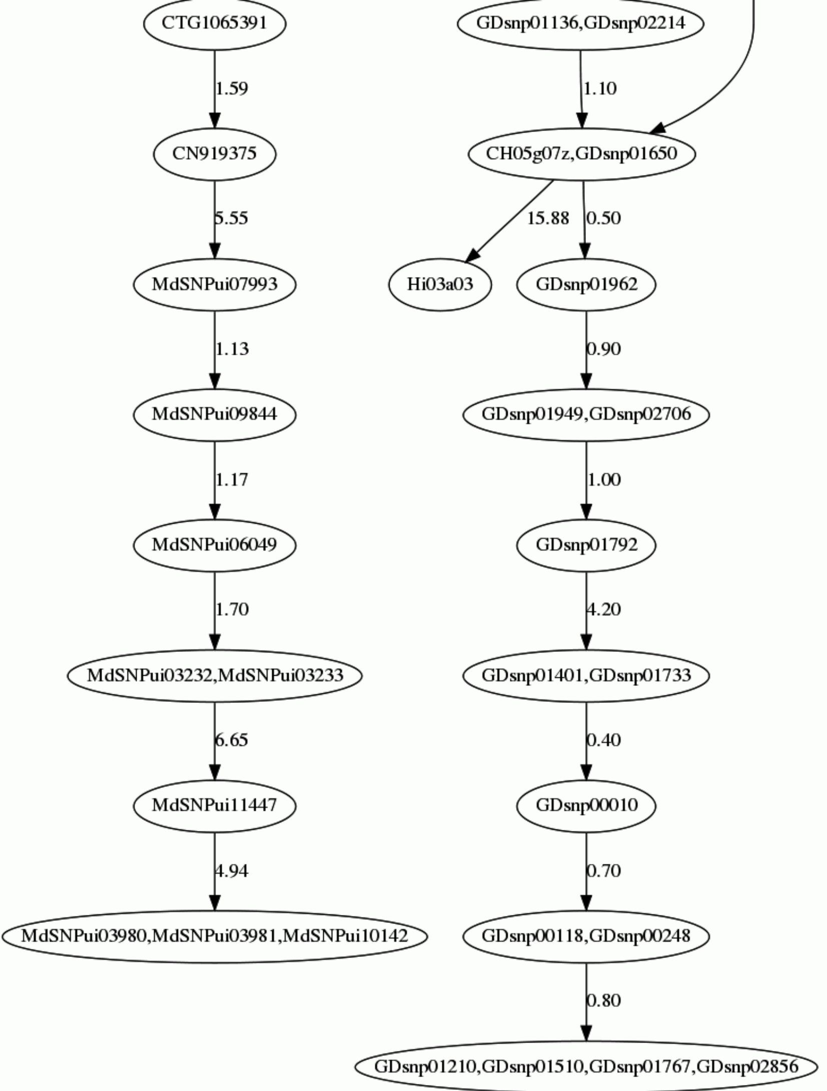
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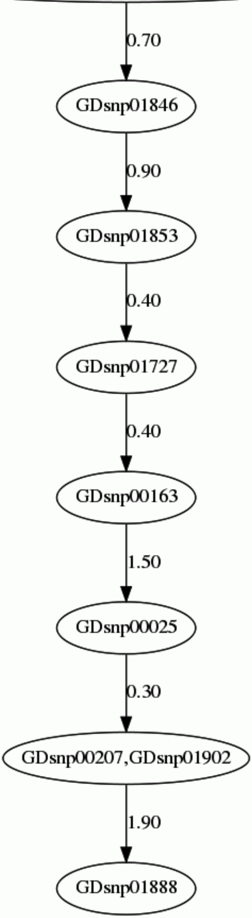
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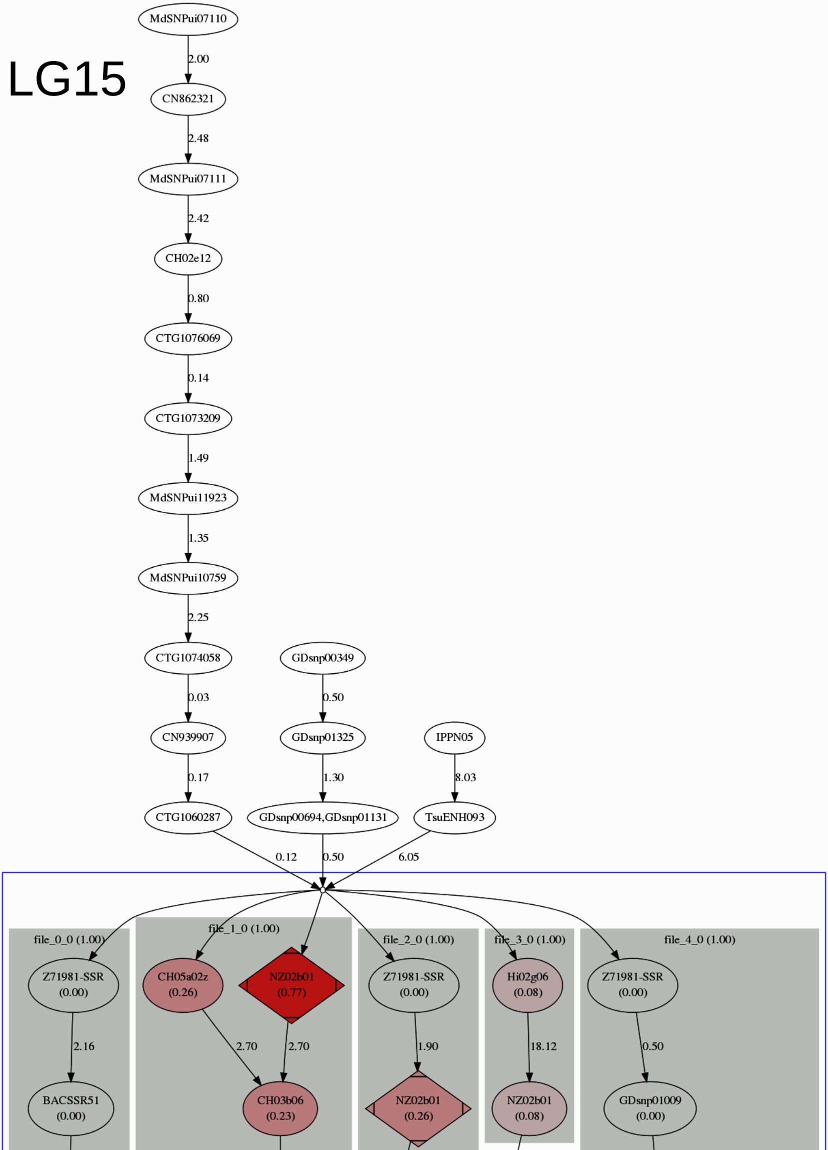
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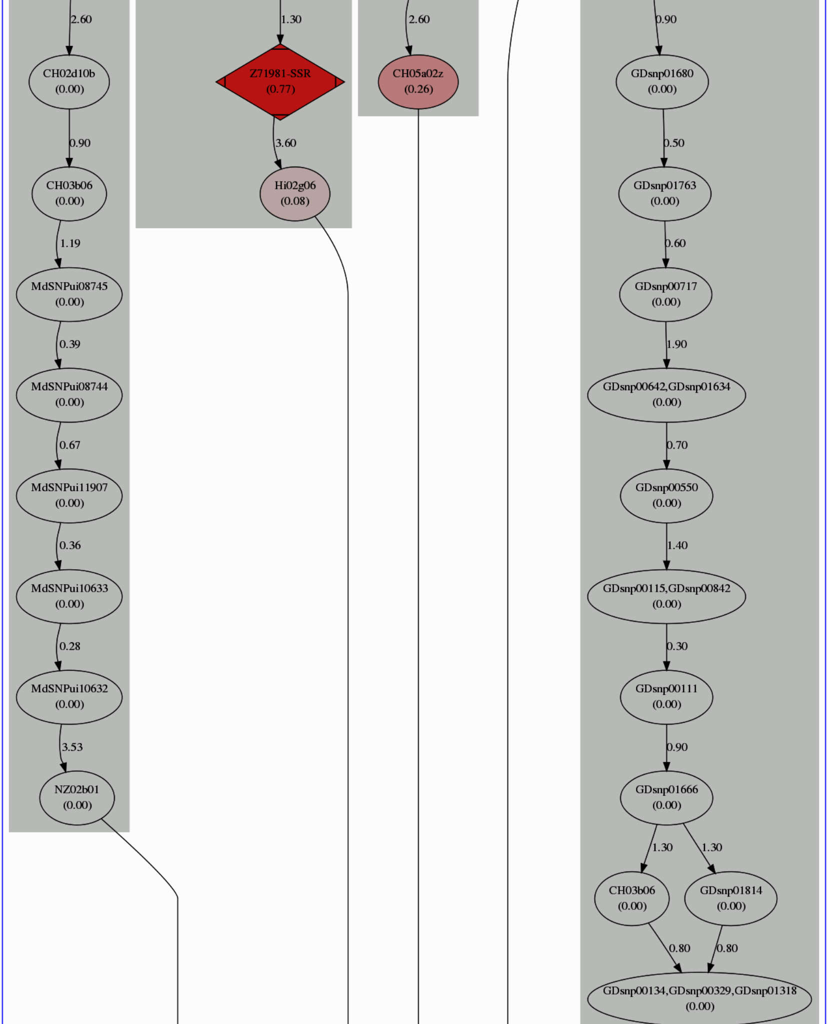

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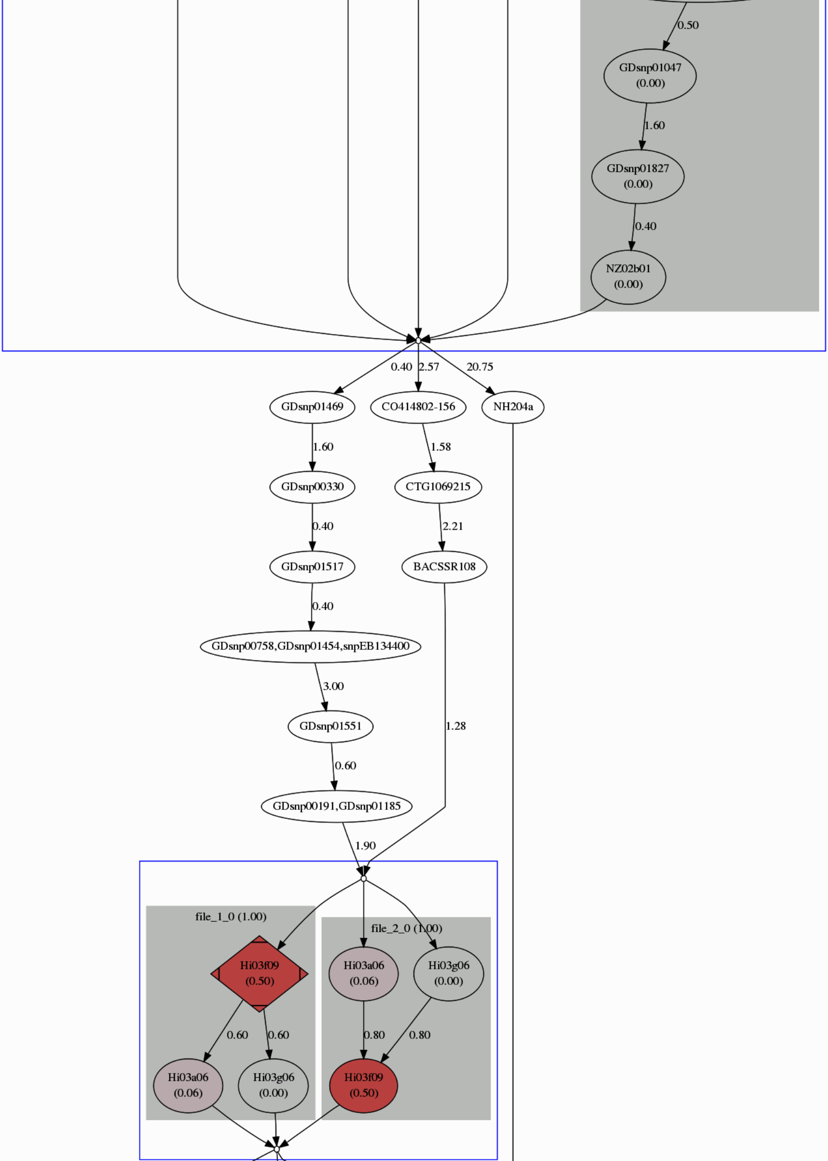
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file_2_0 (1.00)
Hi03f09
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Hi03a06
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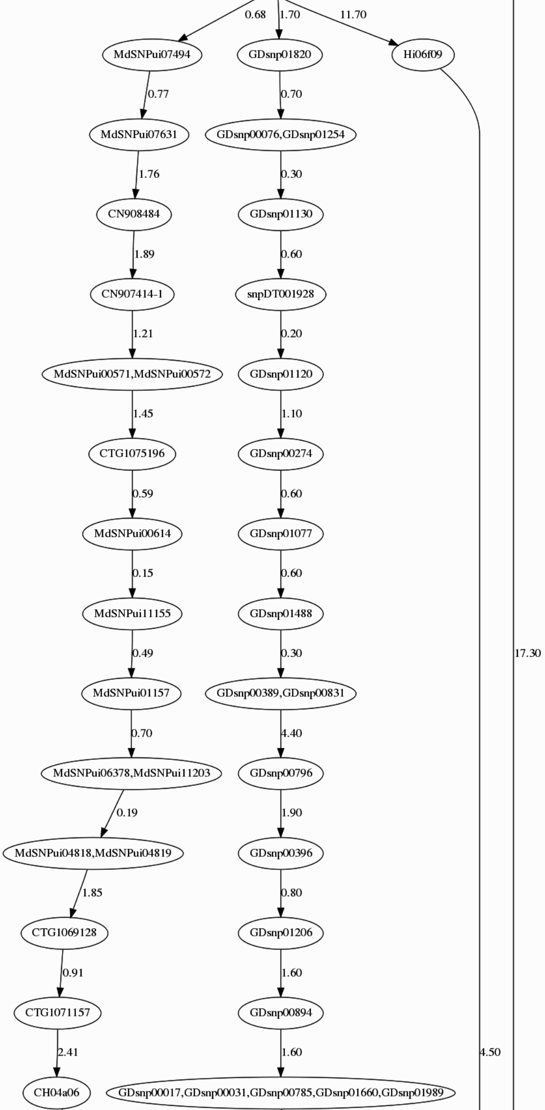
(0.50)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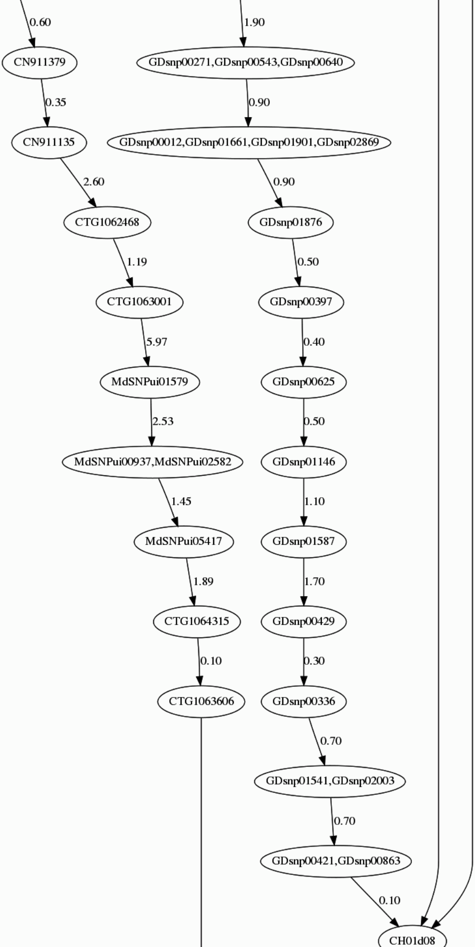
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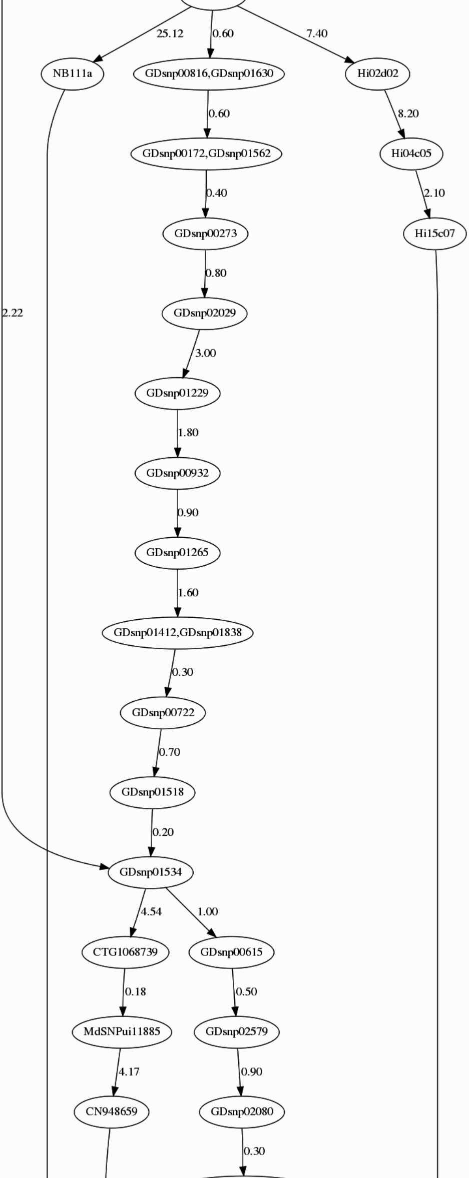
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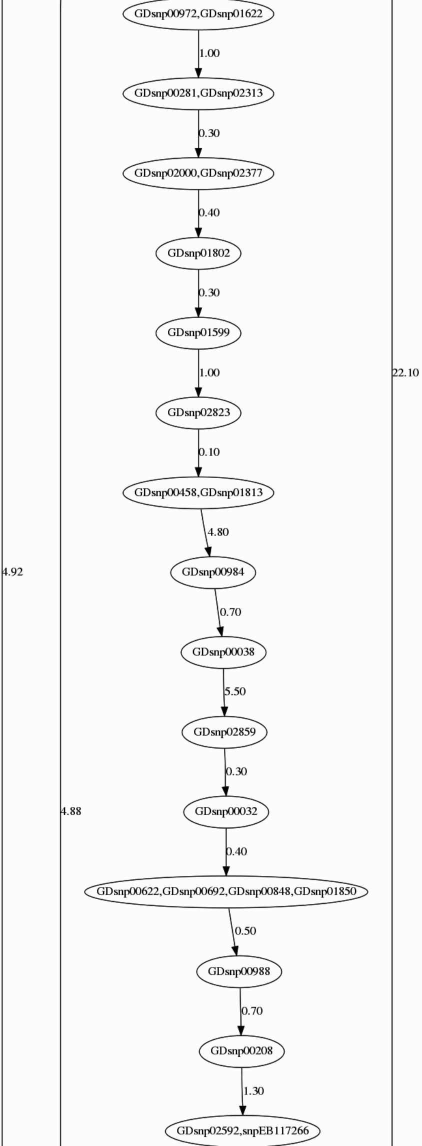
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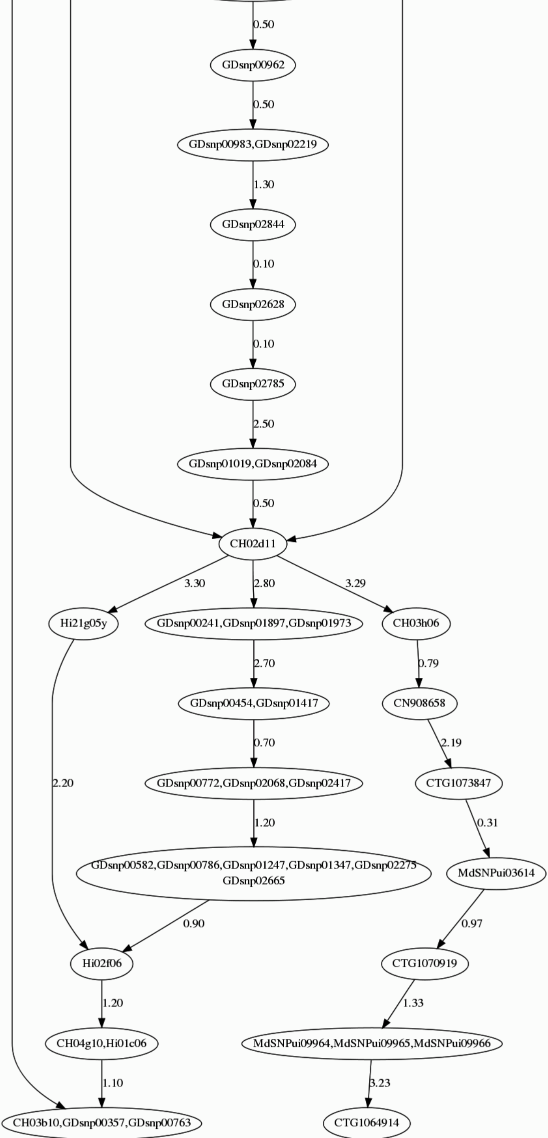
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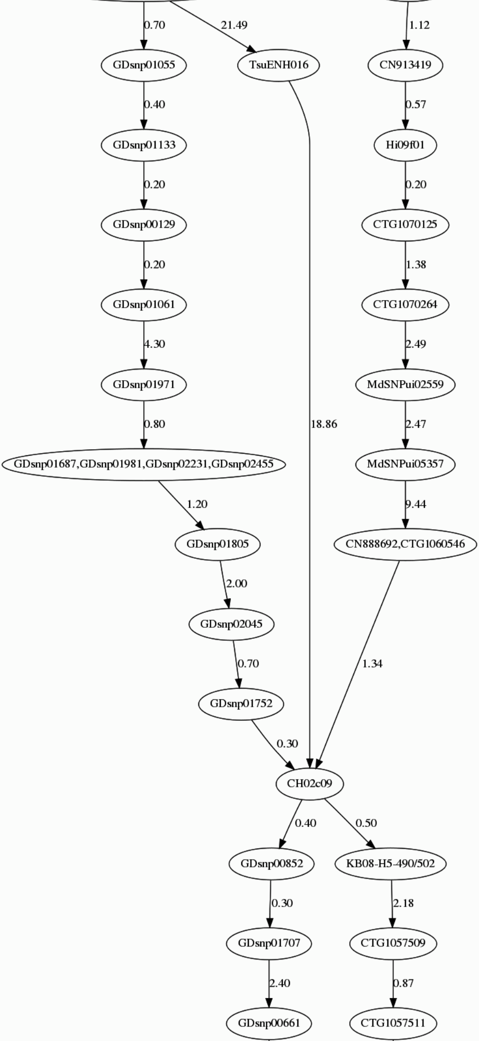
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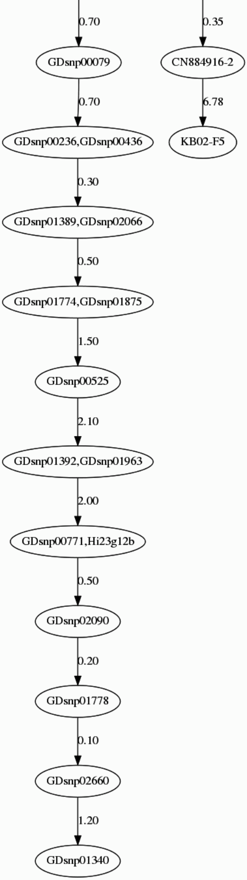
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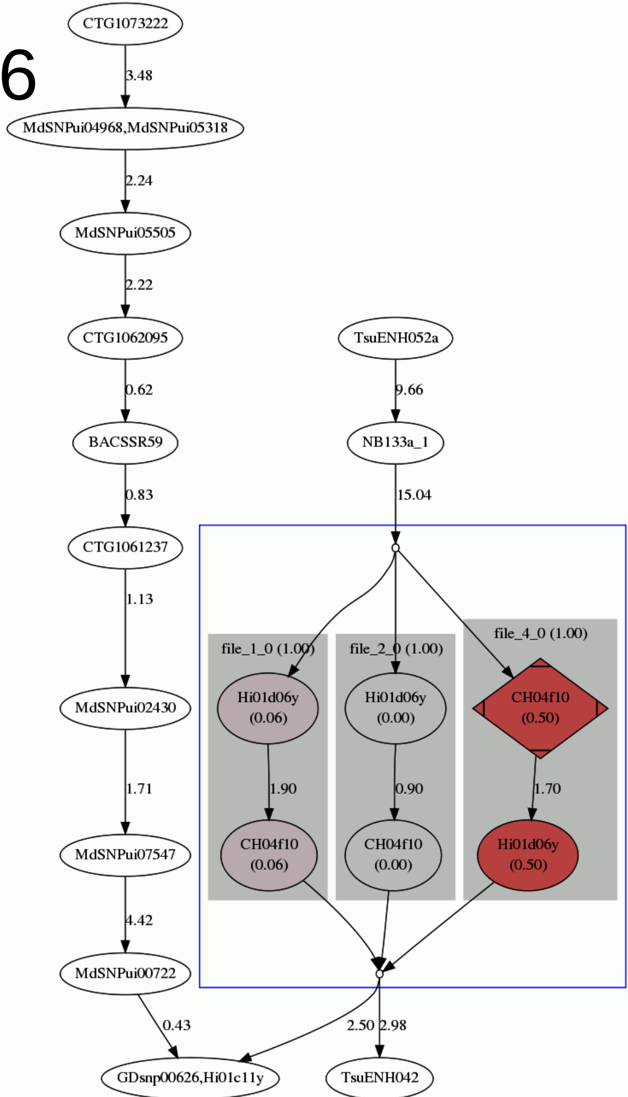
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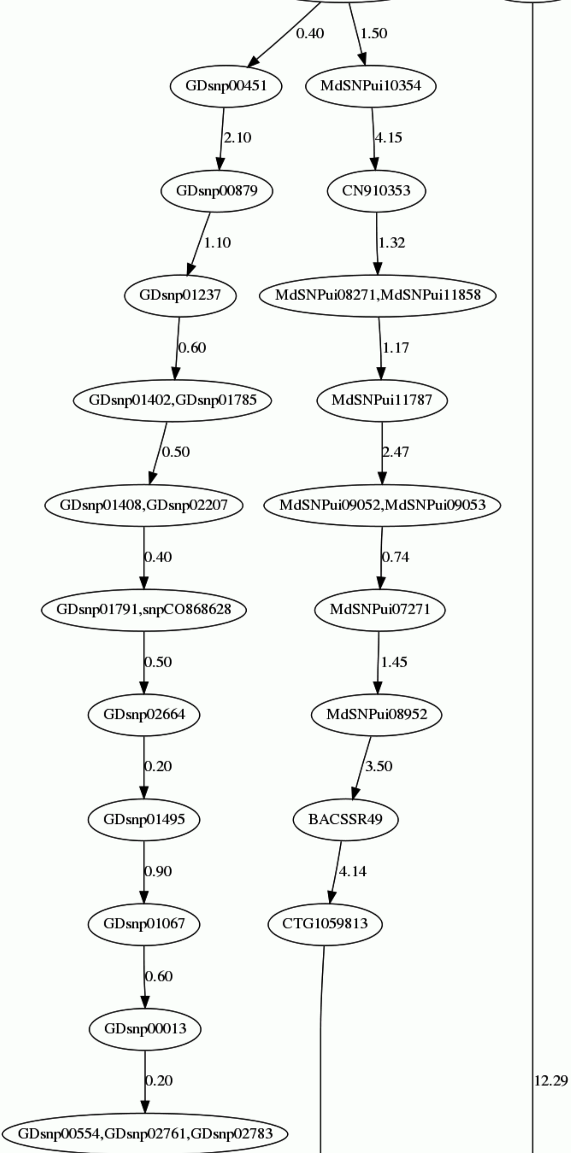
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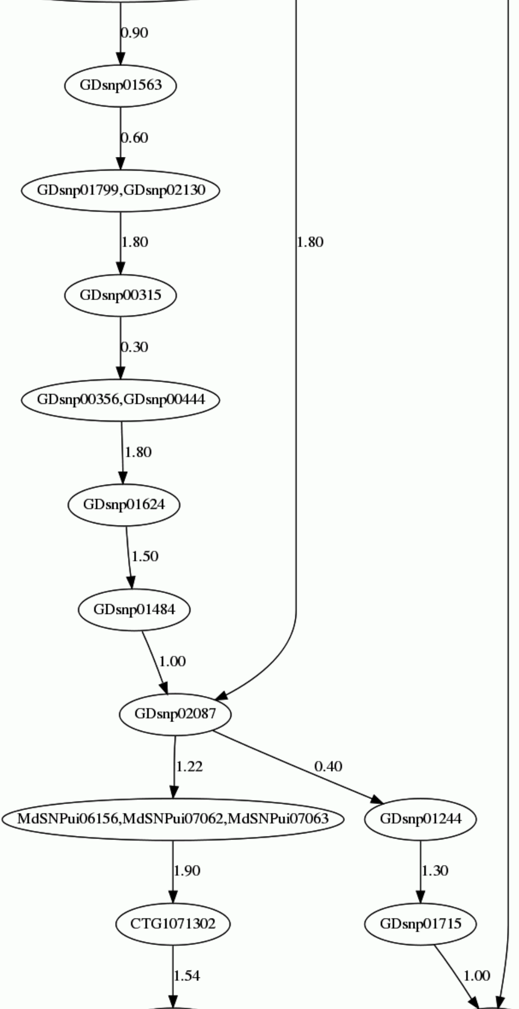
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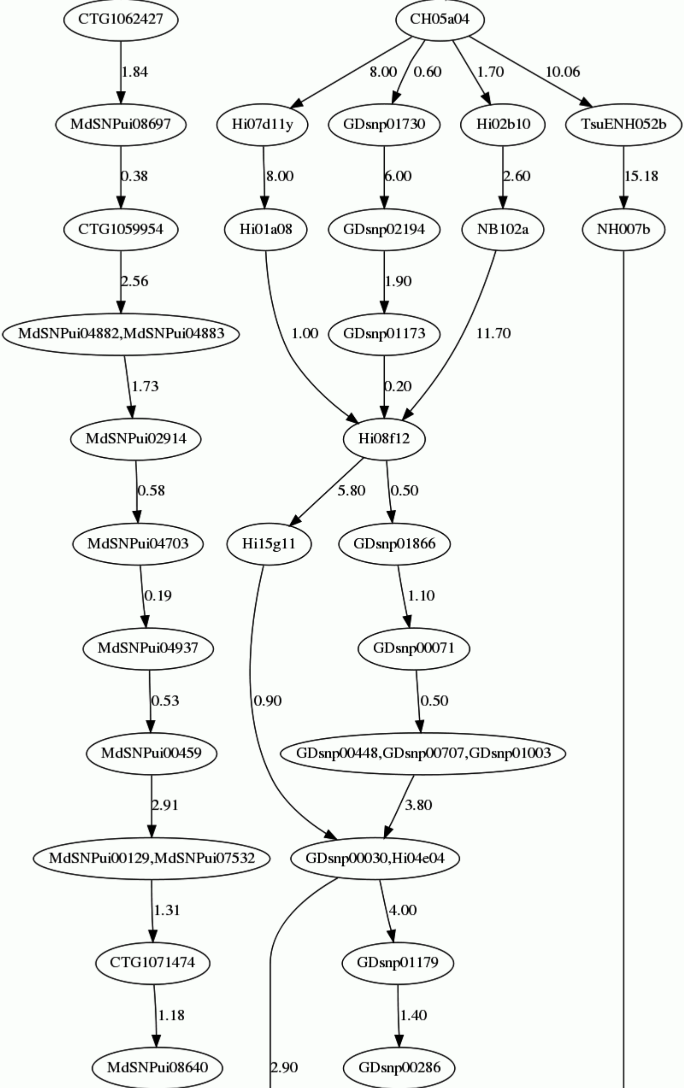
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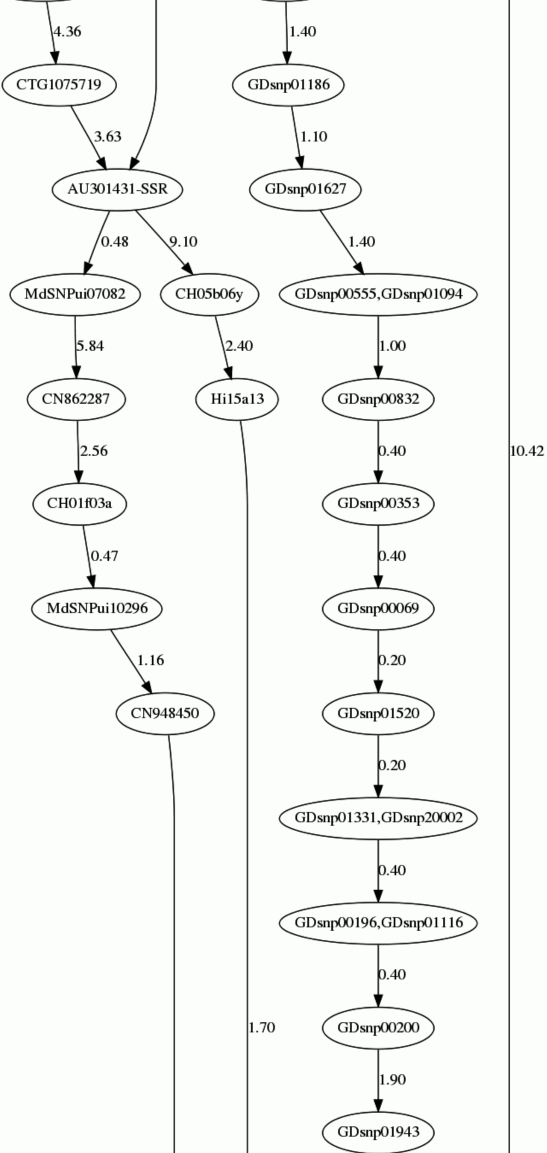
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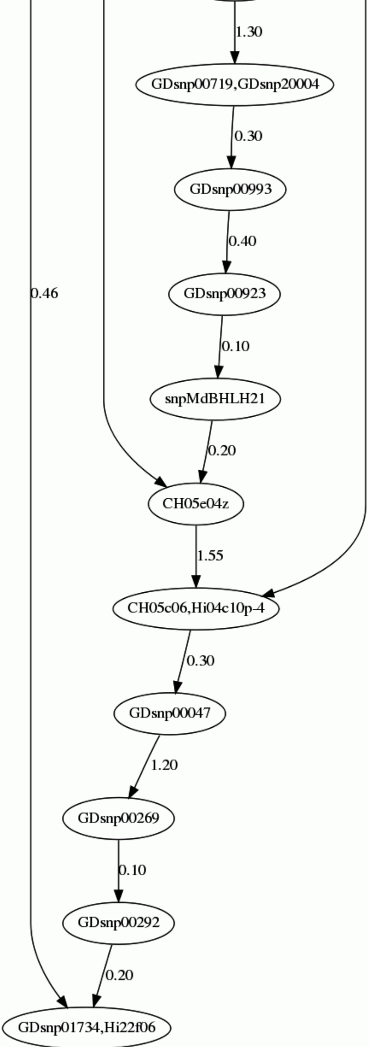
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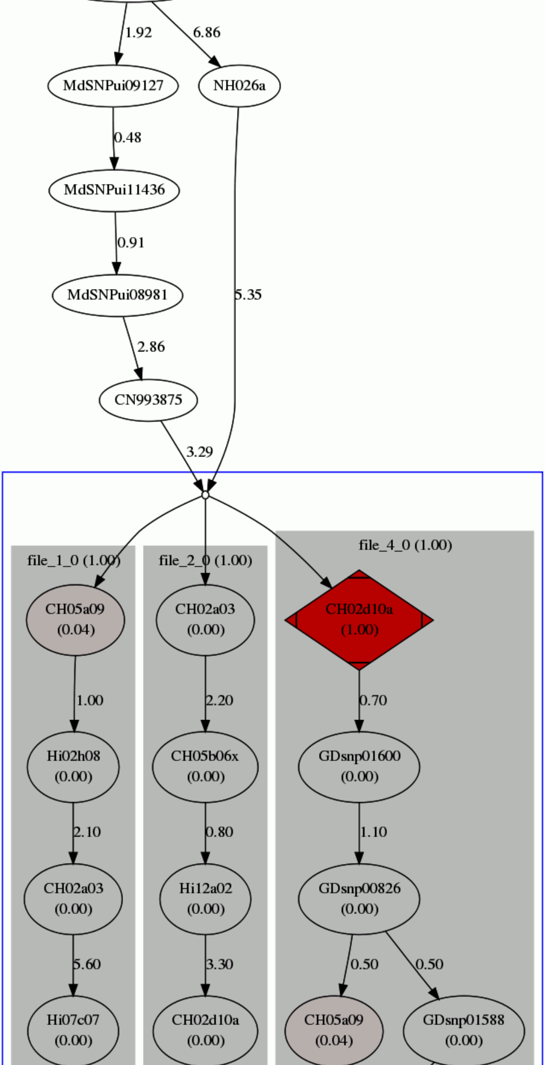
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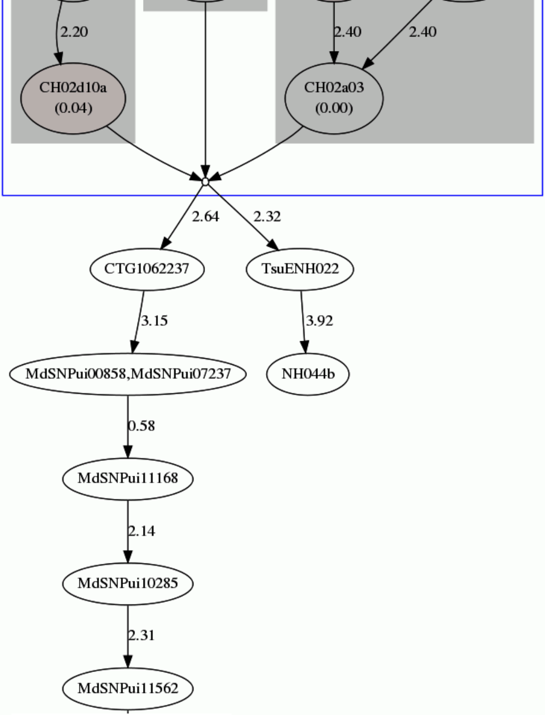
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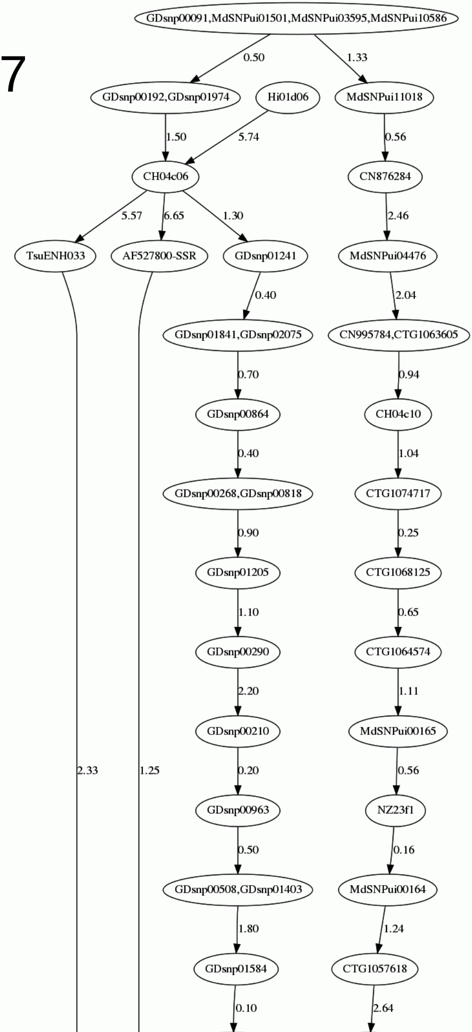
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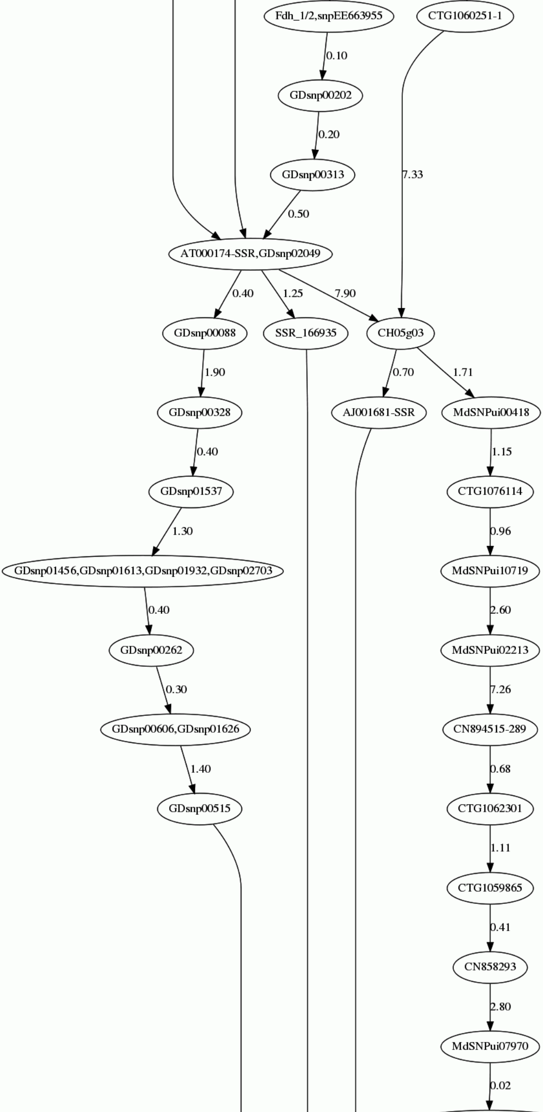
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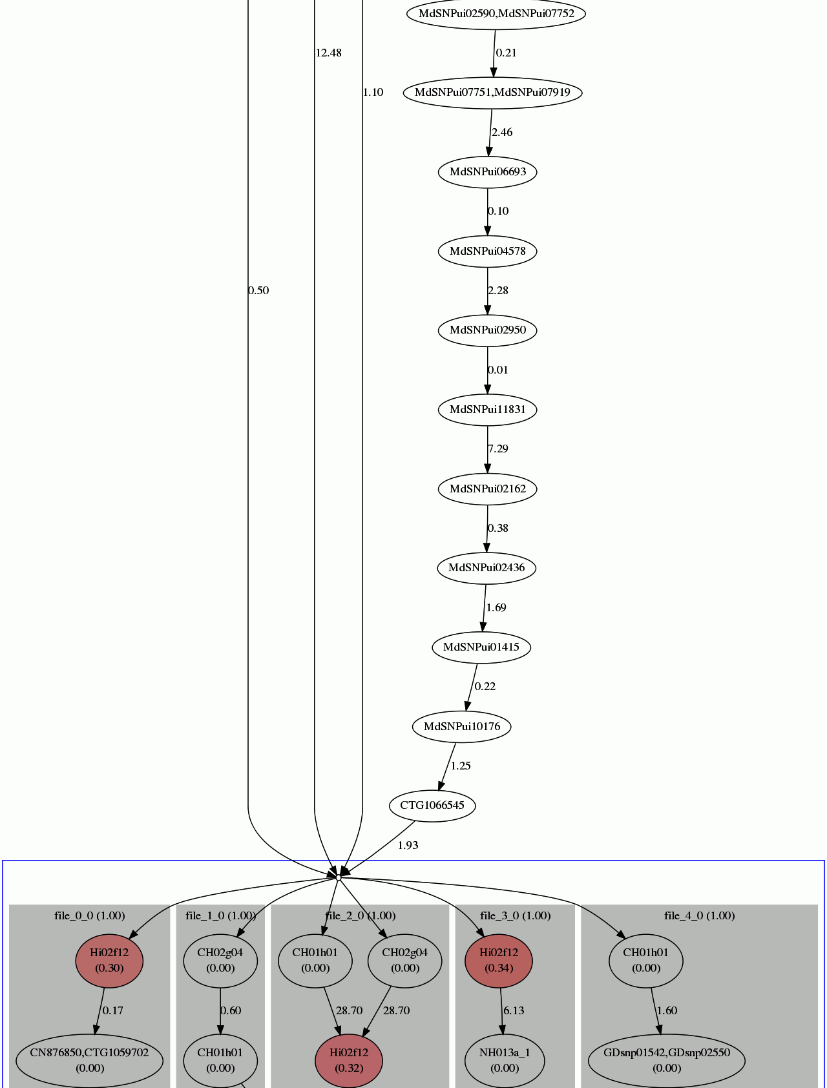
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MdSNPui04578
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MdSNPui02950
0.01
MdSNPui11831
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MdSNPui02162
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MdSNPui02436
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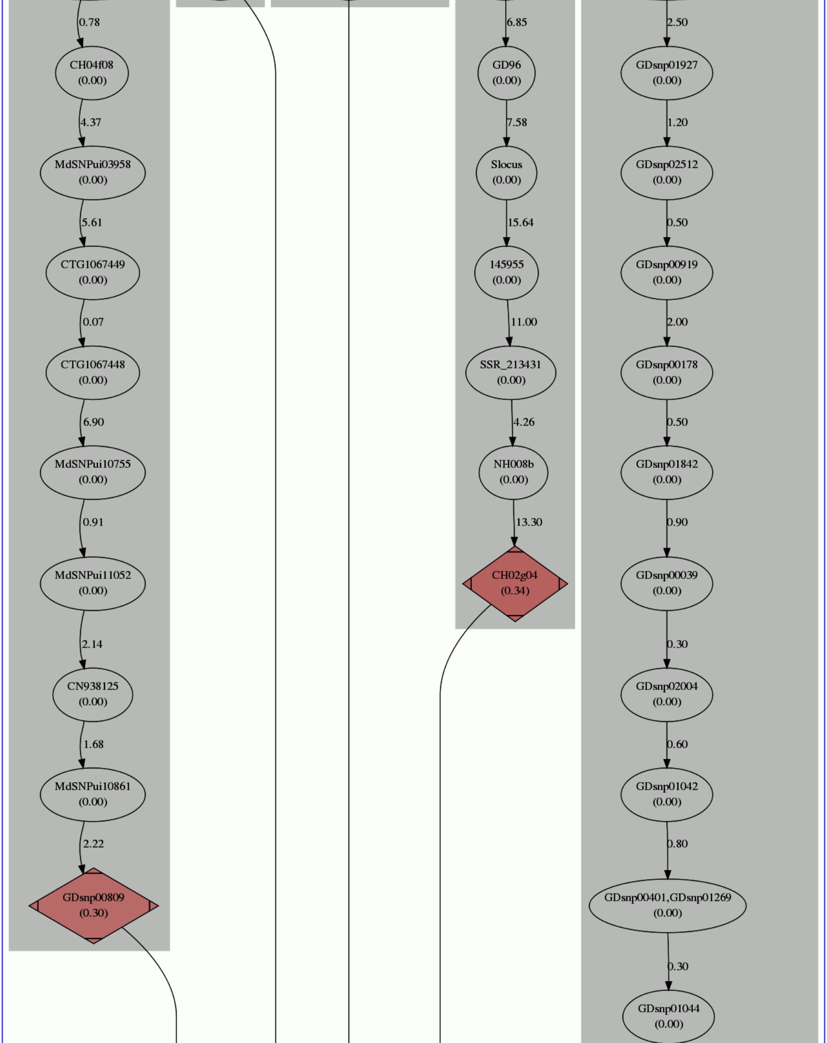
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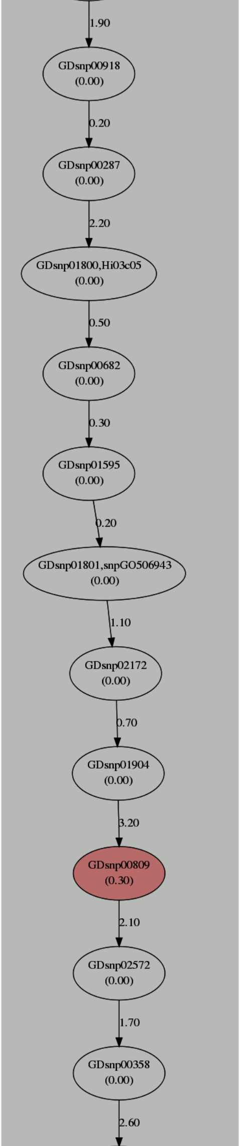
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GDsnp01801,snpGO506943
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GDsnp02172
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GDsnp01904
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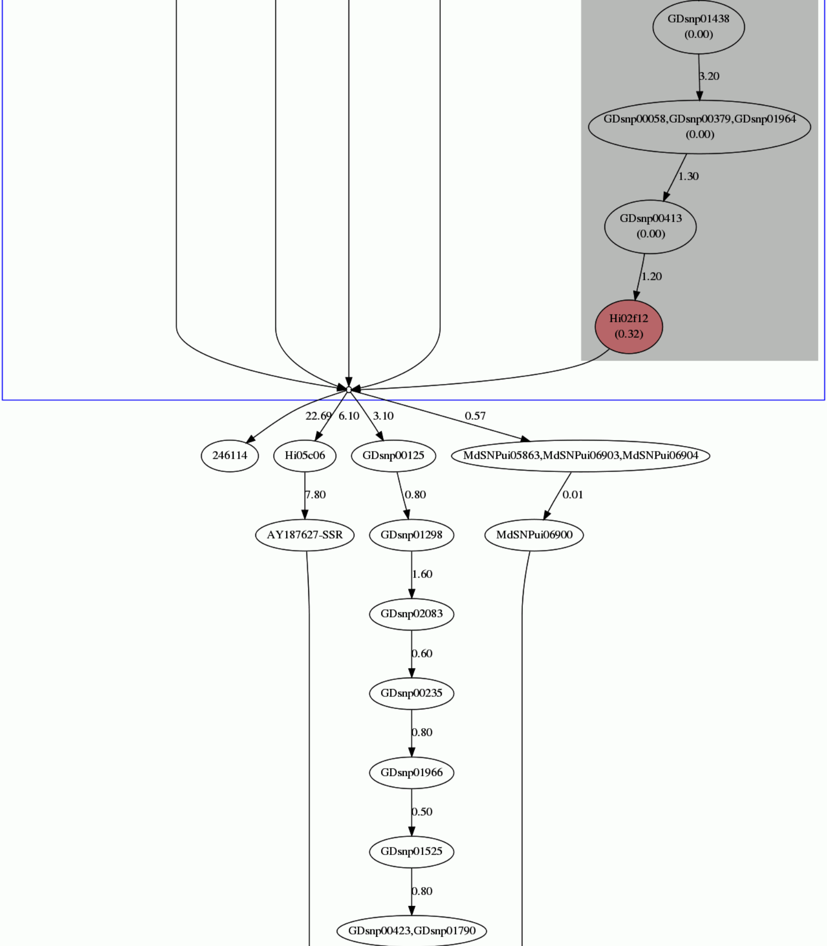
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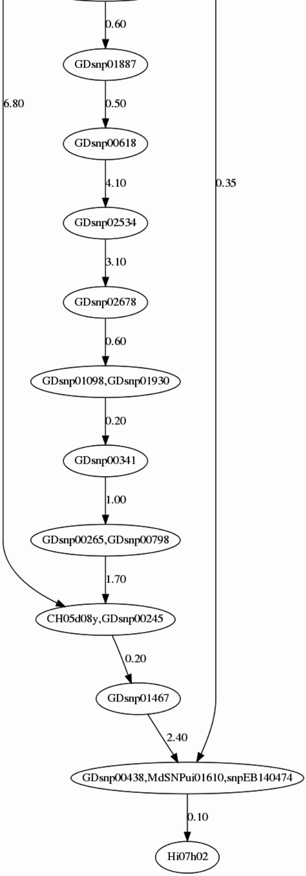
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